

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX050420\
 Data File : VX016029.D
 Acq On : 04 May 2020 11:39
 Operator : JC/SP
 Sample : VSTDIC001
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Quant Time: May 04 13:26:13 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X050420W.M
 Quant Title : SW846 8260
 QLast Update : Mon May 04 13:19:56 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.62	168	379839	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	6.82	114	587195	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	532938	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	255140	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	8198	1.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	2.84%	
35) Dibromofluoromethane	5.46	113	5531	1.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	2.66%	
50) Toluene-d8	8.70	98	19256	1.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	2.48%	
62) 4-Bromofluorobenzene	11.12	95	6480	1.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	2.34%	

Target Compounds

					Qvalue	
2) Dichlorodifluoromethane	1.18	85	4146	1.036	ug/l	96
3) Chloromethane	1.32	50	5477	1.144	ug/l	99
4) Vinyl Chloride	1.39	62	5599	1.110	ug/l	99
5) Bromomethane	1.63	94	4135	1.352	ug/l	92
6) Chloroethane	1.72	64	3437	1.088	ug/l	98
7) Trichlorofluoromethane	1.92	101	6902	1.047	ug/l	99
8) Diethyl Ether	2.17	74	3143	1.126	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	4066	1.072	ug/l	93
10) Methyl Iodide	2.49	142	5320	1.097	ug/l	94
11) Tert butyl alcohol	3.01	59	6742	5.448	ug/l #	89
12) 1,1-Dichloroethene	2.36	96	4408	1.109	ug/l	97
13) Acrolein	2.27	56	5420	7.145	ug/l	98
14) Allyl chloride	2.70	41	7881	1.085	ug/l	97
15) Acrylonitrile	3.11	53	14396	5.509	ug/l	98
16) Acetone	2.42	43	12405	5.537	ug/l	90
17) Carbon Disulfide	2.55	76	20639	1.452	ug/l	97
18) Methyl Acetate	2.75	43	6034	1.093	ug/l #	86
19) Methyl tert-butyl Ether	3.17	73	13816	1.019	ug/l	97
20) Methylene Chloride	2.83	84	5770	1.220	ug/l	93
21) trans-1,2-Dichloroethene	3.14	96	5400	1.209	ug/l	98
22) Diisopropyl ether	3.82	45	14841	1.083	ug/l	94
23) Vinyl Acetate	3.78	43	59739	5.035	ug/l	98
24) 1,1-Dichloroethane	3.67	63	8198	1.072	ug/l	97
25) 2-Butanone	4.64	43	17940	5.068	ug/l	99
26) 2,2-Dichloropropane	4.54	77	7847	1.109	ug/l	100
27) cis-1,2-Dichloroethene	4.56	96	5319	1.106	ug/l	99
28) Bromochloromethane	4.98	49	3652	1.055	ug/l #	97
29) Tetrahydrofuran	5.09	42	12443	5.279	ug/l	98
30) Chloroform	5.17	83	8021	1.053	ug/l	98
31) Cyclohexane	5.54	56	7875	1.104	ug/l	91
32) 1,1,1-Trichloroethane	5.46	97	7369	1.066	ug/l #	50
36) 1,1-Dichloropropene	5.77	75	6823	1.164	ug/l	95
37) Ethyl Acetate	4.79	43	6933	1.039	ug/l	97
38) Carbon Tetrachloride	5.75	117	6289	1.068	ug/l	91

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX050420\
 Data File : VX016029.D
 Acq On : 04 May 2020 11:39
 Operator : JC/SP
 Sample : VSTDIC001
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Quant Time: May 04 13:26:13 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X050420W.M
 Quant Title : SW846 8260
 QLast Update : Mon May 04 13:19:56 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.43	83	7673	1.098	ug/l	93
40) Benzene	6.11	78	19187	1.119	ug/l	95
41) Methacrylonitrile	5.01	41	3845	1.067	ug/l #	89
42) 1,2-Dichloroethane	6.16	62	7001	1.130	ug/l	98
43) Isopropyl Acetate	6.41	43	11197	1.054	ug/l	99
44) Trichloroethene	7.19	130	7426	1.171	ug/l	96
45) 1,2-Dichloropropane	7.49	63	4565	1.060	ug/l	95
46) Dibromomethane	7.63	93	3325	1.135	ug/l	95
47) Bromodichloromethane	7.88	83	6249	1.063	ug/l	100
48) Methyl methacrylate	7.74	41	5399	1.080	ug/l	97
49) 1,4-Dioxane	7.71	88	2600	21.510	ug/l	92
51) 4-Methyl-2-Pentanone	8.62	43	32741	5.063	ug/l	100
52) Toluene	8.76	92	11496	1.088	ug/l	97
53) t-1,3-Dichloropropene	9.02	75	7849	1.115	ug/l	96
54) cis-1,3-Dichloropropene	8.42	75	8121	1.098	ug/l	96
55) 1,1,2-Trichloroethane	9.20	97	4387	1.062	ug/l	92
56) Ethyl methacrylate	9.16	69	6575	1.006	ug/l	98
57) 1,3-Dichloropropane	9.35	76	7921	1.088	ug/l	95
58) 2-Chloroethyl Vinyl ether	8.29	63	19063	5.356	ug/l	99
59) 2-Hexanone	9.47	43	25956	5.122	ug/l	97
60) Dibromochloromethane	9.57	129	4549	1.022	ug/l	99
61) 1,2-Dibromoethane	9.65	107	4689	1.050	ug/l	96
64) Tetrachloroethene	9.32	164	7635	1.128	ug/l	97
65) Chlorobenzene	10.12	112	12633	1.118	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.20	131	4366	1.062	ug/l #	64
67) Ethyl Benzene	10.24	91	21899	1.089	ug/l	97
68) m/p-Xylenes	10.34	106	15987	2.141	ug/l	99
69) o-Xylene	10.68	106	7400	1.036	ug/l	90
70) Styrene	10.70	104	12389	1.041	ug/l	95
71) Bromoform	10.84	173	3162	0.988	ug/l #	97
73) Isopropylbenzene	11.00	105	20282	1.070	ug/l	99
74) N-amyl acetate	10.88	43	9262	1.069	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.26	83	2166	0.783	ug/l	95
76) 1,2,3-Trichloropropane	11.28	75	8815	1.183	ug/l	84
77) Bromobenzene	11.24	156	5726	1.169	ug/l	95
78) n-propylbenzene	11.34	91	24654	1.121	ug/l	98
79) 2-Chlorotoluene	11.40	91	14559	1.120	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	17259	1.094	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.05	75	2477	1.039	ug/l #	83
82) 4-Chlorotoluene	11.49	91	17231	1.129	ug/l	96
83) tert-Butylbenzene	11.76	119	14900	1.096	ug/l	97
84) 1,2,4-Trimethylbenzene	11.79	105	17589	1.100	ug/l	100
85) sec-Butylbenzene	11.93	105	20562	1.116	ug/l	99
86) p-Isopropyltoluene	12.05	119	18696	1.097	ug/l	90
87) 1,3-Dichlorobenzene	12.01	146	10304	1.171	ug/l	96
88) 1,4-Dichlorobenzene	12.01	146	10304	1.169	ug/l	95
89) n-Butylbenzene	12.37	91	18571	1.197	ug/l	99
90) Hexachloroethane	12.58	117	2922	1.031	ug/l	100
91) 1,2-Dichlorobenzene	12.37	146	9716	1.151	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	1860	1.220	ug/l	88

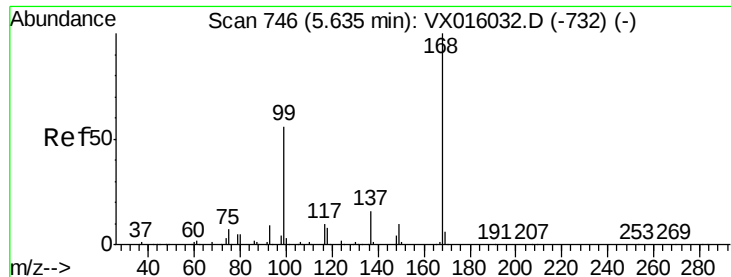
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX050420\
Data File : VX016029.D
Acq On : 04 May 2020 11:39
Operator : JC/SP
Sample : VSTDICC001
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Quant Time: May 04 13:26:13 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X050420W.M
Quant Title : SW846 8260
QLast Update : Mon May 04 13:19:56 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	7765	1.247	ug/l	99
94) Hexachlorobutadiene	13.77	225	3934	1.345	ug/l	99
95) Naphthalene	13.82	128	23356	1.165	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	7376	1.211	ug/l	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.62 min Scan# 744

Delta R.T. -0.01 min

Lab File: VX016029.D

Acq: 04 May 2020 11:39

Instrument :

MSVOA_X

ClientSampleId :

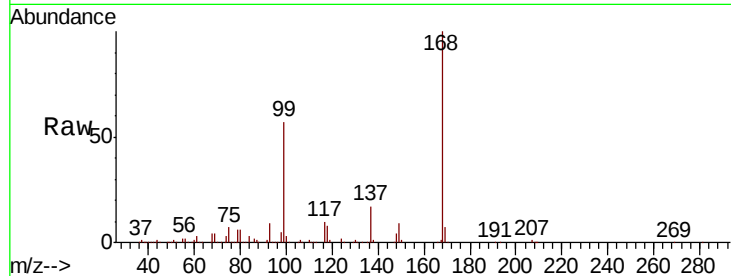
VSTDIC001

Tot Ion:168 Resp: 379839

Ion Ratio Lower Upper

168 100

99 57.4 45.0 67.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.62

150000

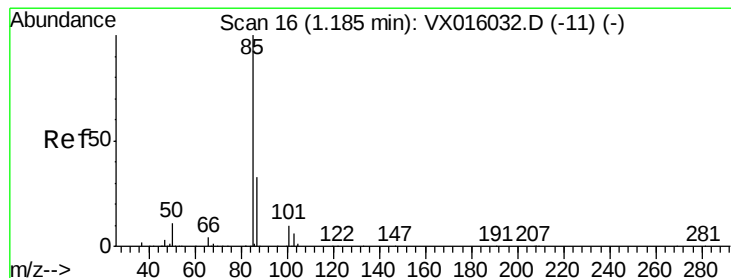
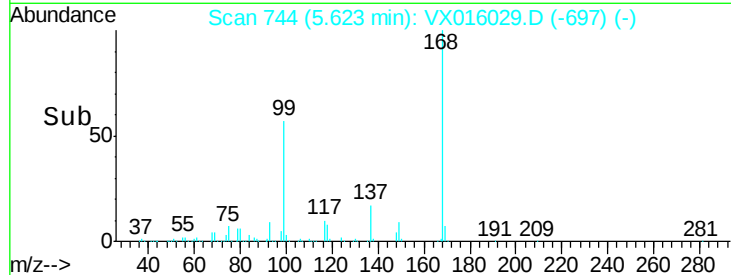
100000

50000

0

5.50 5.60 5.70 5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 1.036 ug/l

RT: 1.18 min Scan# 16

Delta R.T. -0.00 min

Lab File: VX016029.D

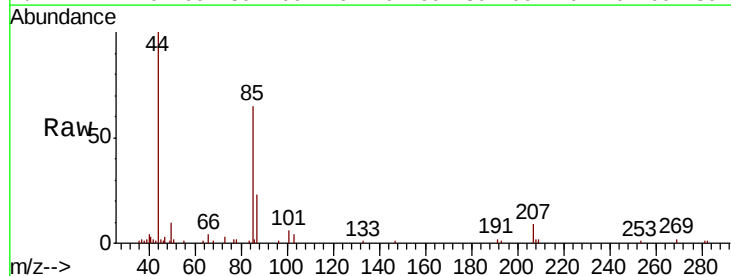
Acq: 04 May 2020 11:39

Tgt Ion: 85 Resp: 4146

Ion Ratio Lower Upper

85 100

87 34.9 16.4 49.1



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.18

5000

4000

3000

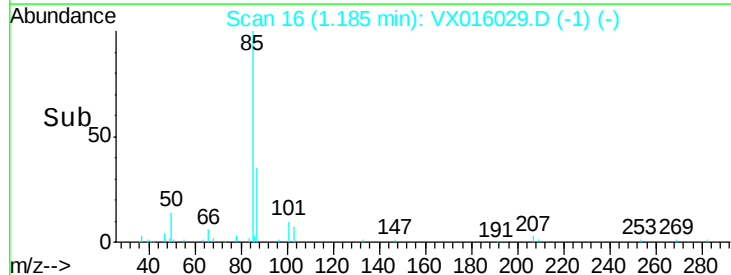
2000

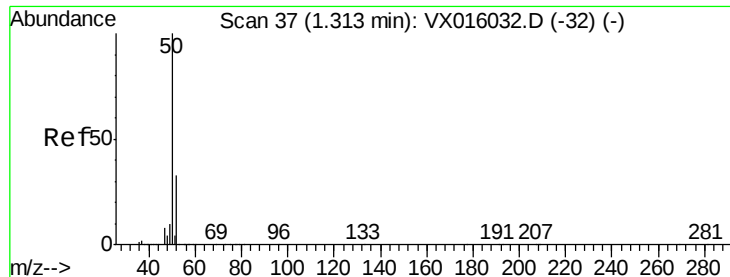
1000

0

1.15 1.20 1.25

Time-->





#3

Chloromethane

Concen: 1.144 ug/l

RT: 1.32 min Scan# 38

Delta R.T. 0.01 min

Lab File: VX016029.D

Acq: 04 May 2020 11:39

Instrument :

MSVOA_X

ClientSampleId :

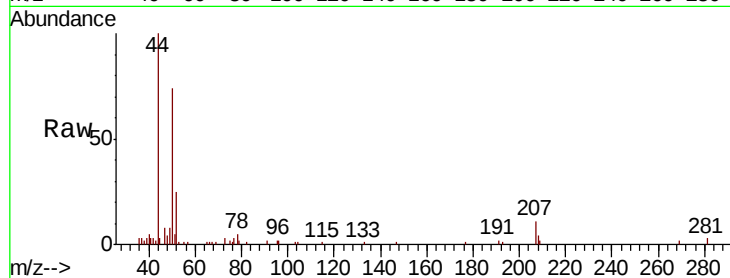
VSTDIC001

Tot Ion: 50 Resp: 5477

Ion Ratio Lower Upper

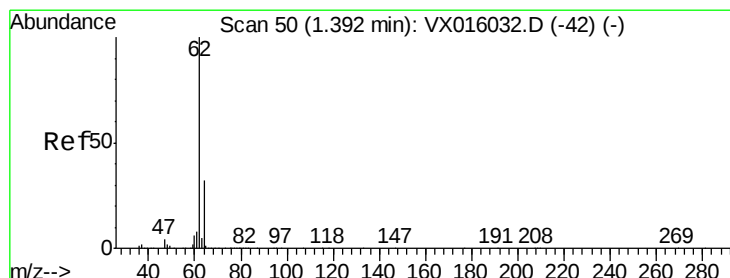
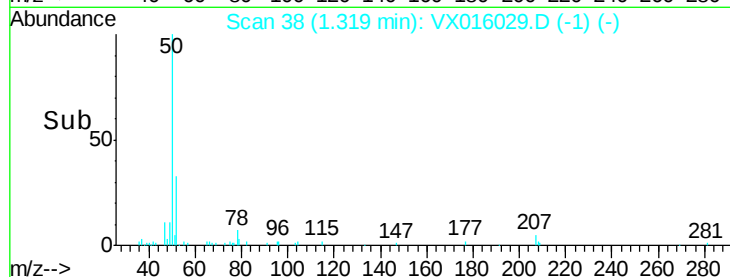
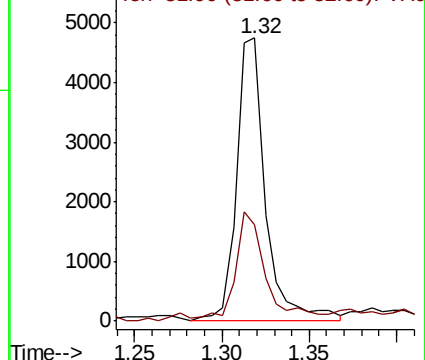
50 100

52 33.1 26.1 39.1



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 1.110 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX016029.D

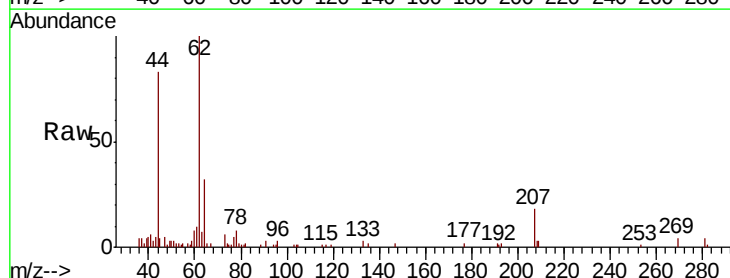
Acq: 04 May 2020 11:39

Tgt Ion: 62 Resp: 5599

Ion Ratio Lower Upper

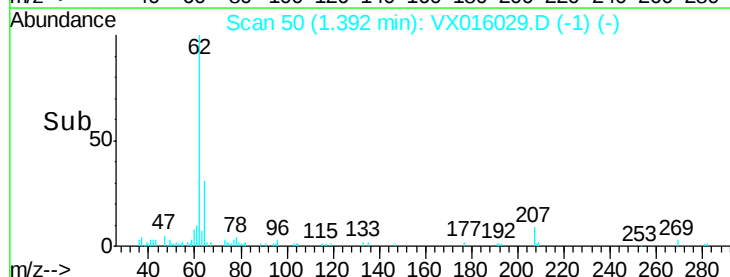
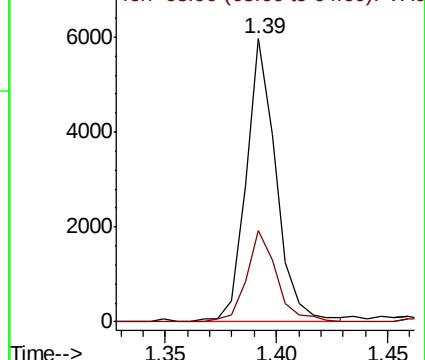
62 100

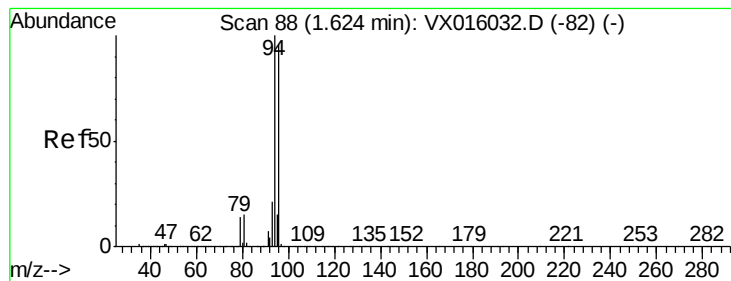
64 32.4 25.7 38.5



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 1.352 ug/l

RT: 1.63 min Scan# 89

Delta R.T. 0.01 min

Lab File: VX016029.D

Acq: 04 May 2020 11:39

Instrument :

MSVOA_X

ClientSampleId :

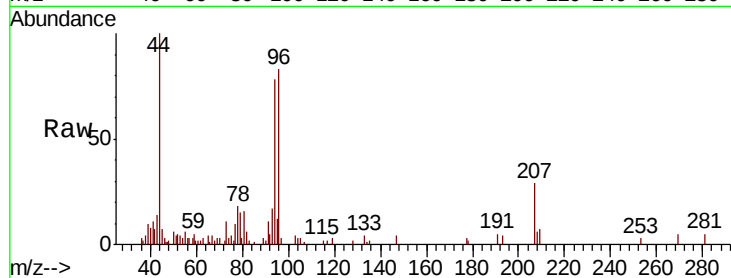
VSTDIC001

Tot Ion: 94 Resp: 4135

Ion Ratio Lower Upper

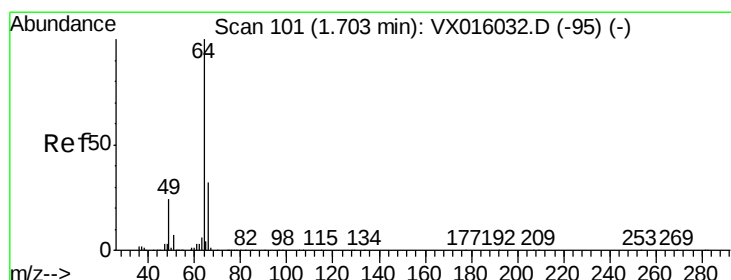
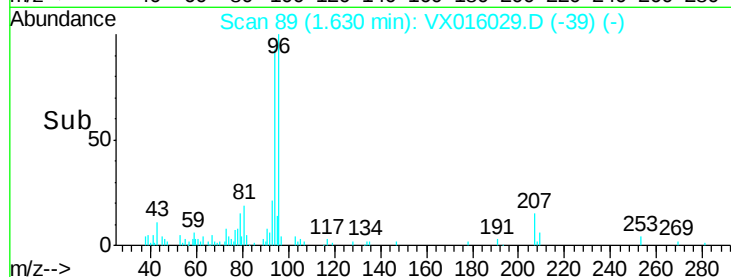
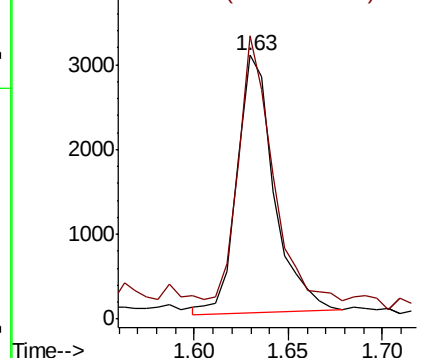
94 100

96 103.8 76.9 115.3



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 1.088 ug/l

RT: 1.72 min Scan# 103

Delta R.T. 0.01 min

Lab File: VX016029.D

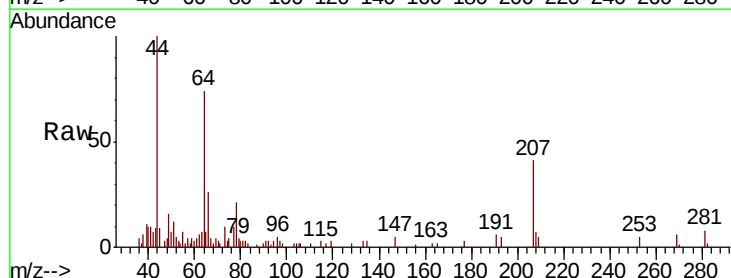
Acq: 04 May 2020 11:39

Tgt Ion: 64 Resp: 3437

Ion Ratio Lower Upper

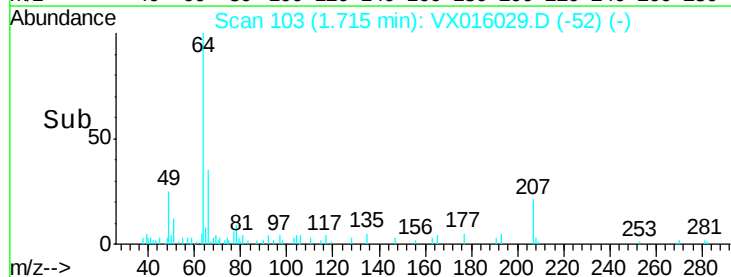
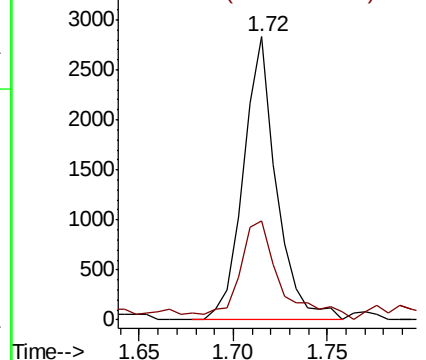
64 100

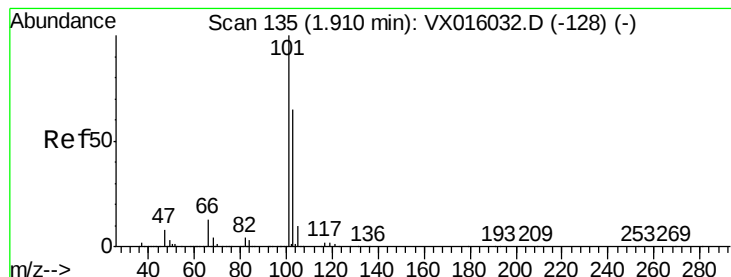
66 32.5 25.2 37.8



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



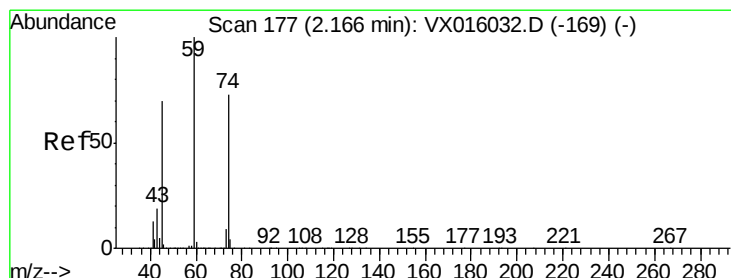
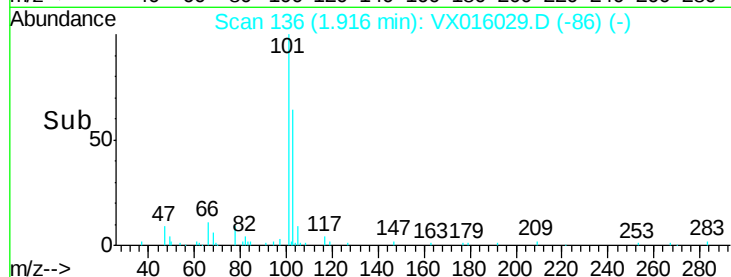
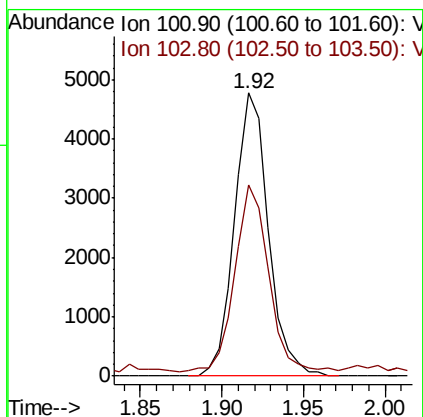
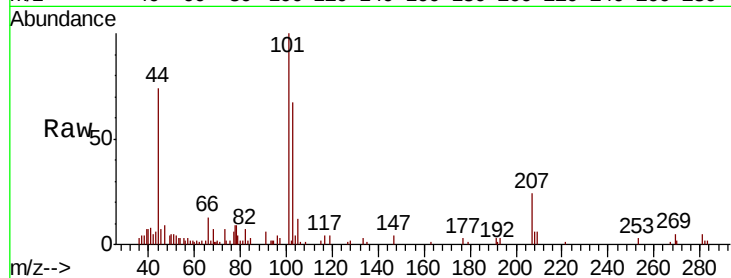


#7

Trichlorofluoromethane
Concen: 1.047 ug/l
RT: 1.92 min Scan# 136
Delta R.T. 0.01 min
Lab File: VX016029.D
Acq: 04 May 2020 11:39

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

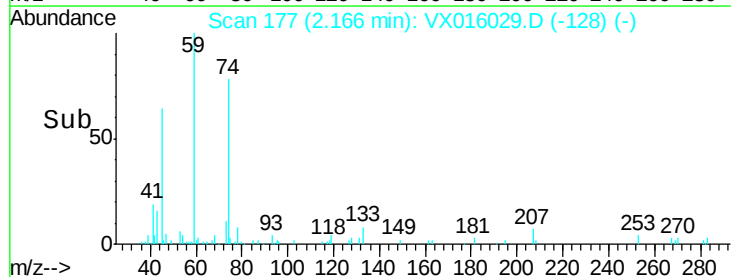
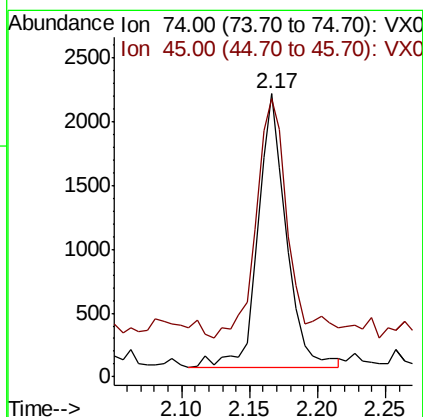
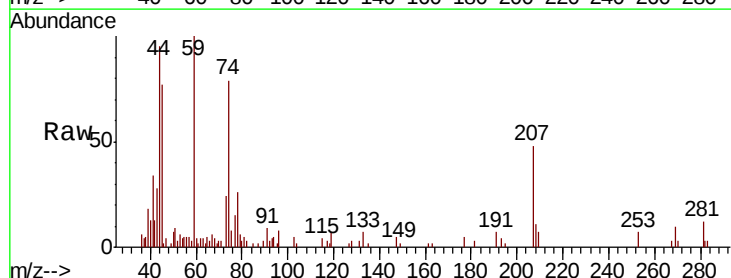
Tot Ion:101 Resp: 6902
Ion Ratio Lower Upper
101 100
103 65.5 51.8 77.6

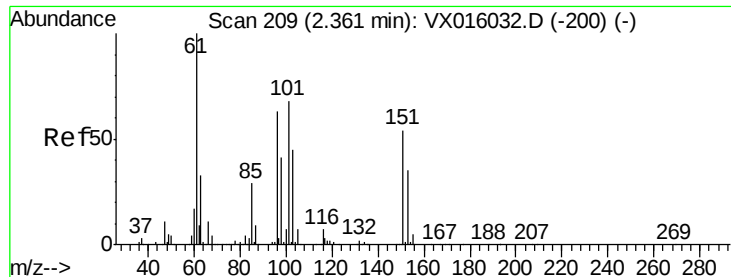


#8

Diethyl Ether
Concen: 1.126 ug/l
RT: 2.17 min Scan# 177
Delta R.T. -0.00 min
Lab File: VX016029.D
Acq: 04 May 2020 11:39

Tgt Ion: 74 Resp: 3143
Ion Ratio Lower Upper
74 100
45 93.7 47.3 142.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 1.072 ug/l

RT: 2.37 min Scan# 210

Delta R.T. 0.01 min

Lab File: VX016029.D

Acq: 04 May 2020 11:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

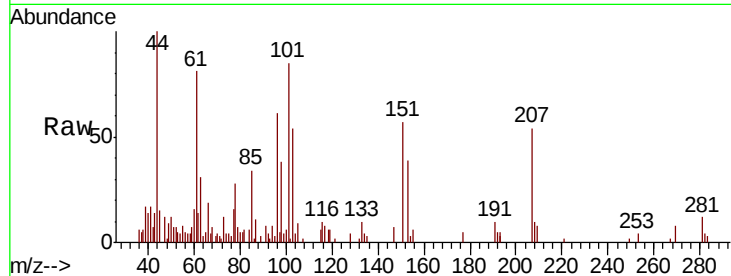
Tot Ion:101 Resp: 4066

Ion Ratio Lower Upper

101 100

85 46.0 34.2 51.4

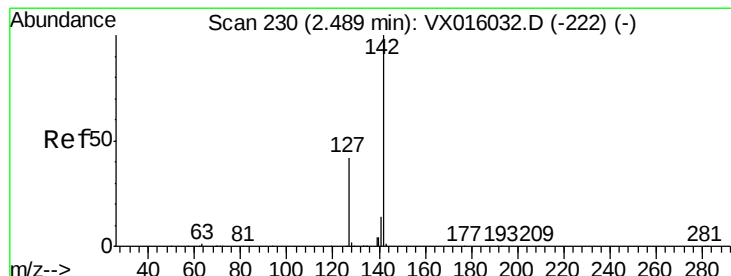
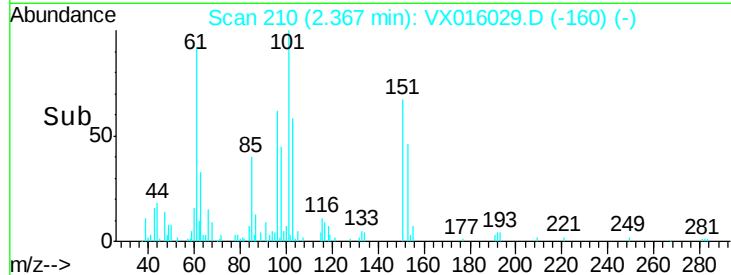
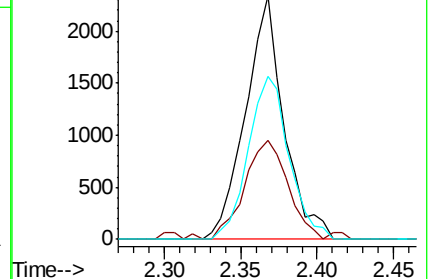
151 71.3 62.1 93.1



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 1.097 ug/l

RT: 2.49 min Scan# 230

Delta R.T. -0.00 min

Lab File: VX016029.D

Acq: 04 May 2020 11:39

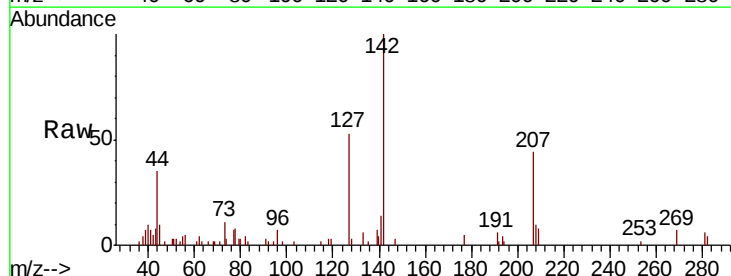
Tgt Ion:142 Resp: 5320

Ion Ratio Lower Upper

142 100

127 47.2 34.6 52.0

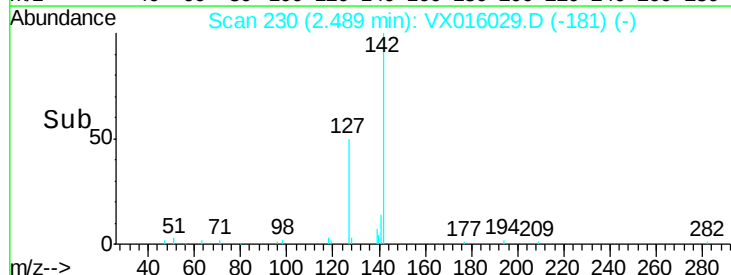
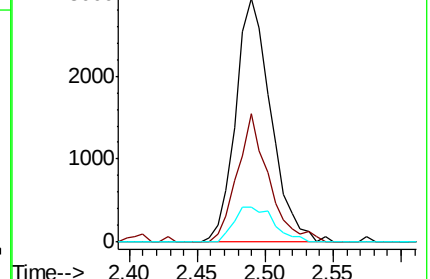
141 16.2 11.3 16.9

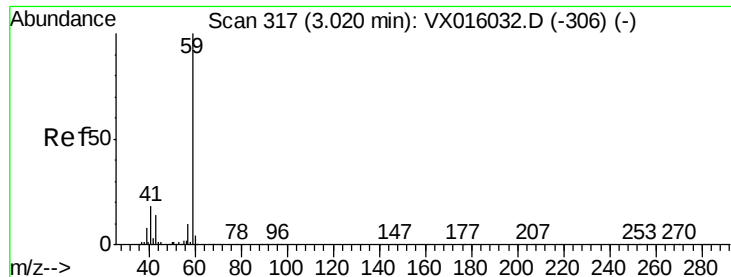


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



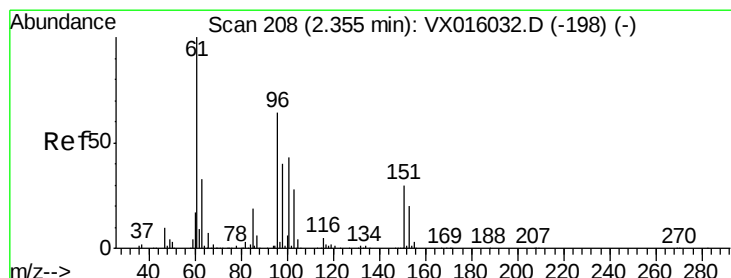
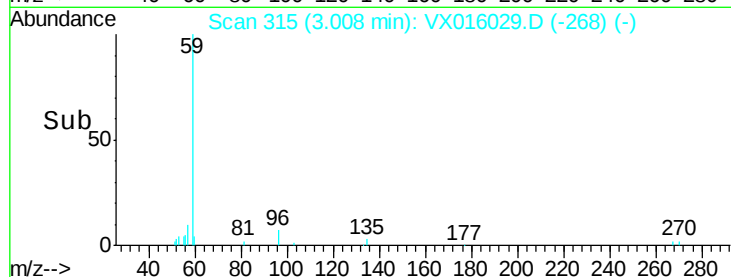
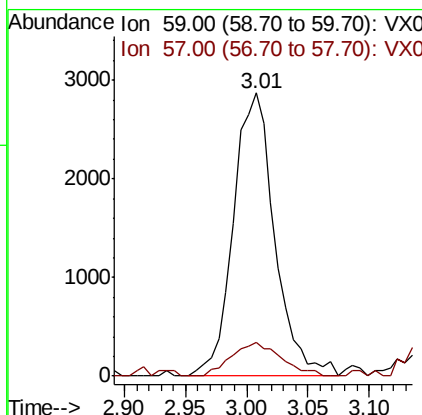
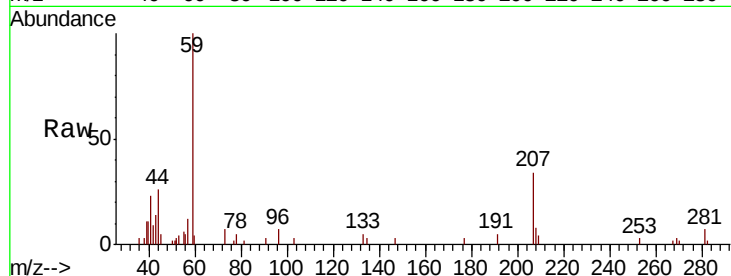


#11

Tert butyl alcohol
Concen: 5.448 ug/l
RT: 3.01 min Scan# 315
Delta R.T. -0.01 min
Lab File: VX016029.D
Acq: 04 May 2020 11:39

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

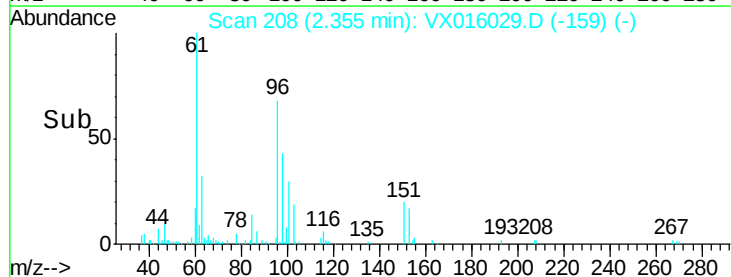
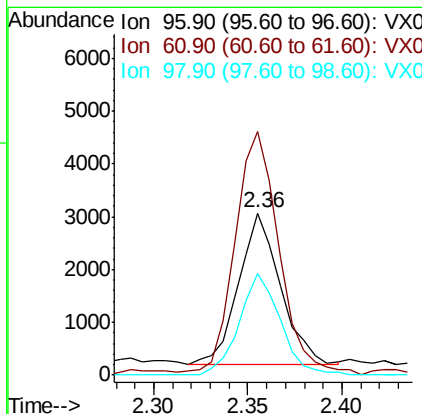
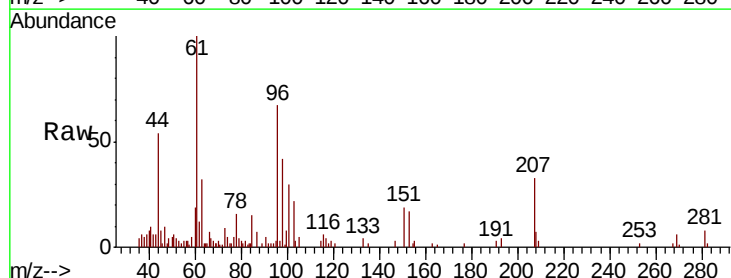
Tot Ion: 59 Resp: 6742
Ion Ratio Lower Upper
59 100
57 14.3 8.2 12.4#

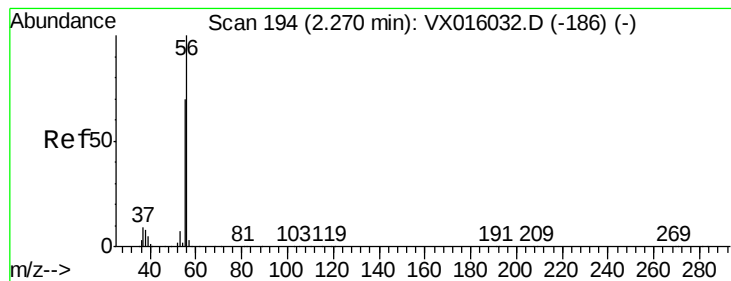


#12

1,1-Dichloroethene
Concen: 1.109 ug/l
RT: 2.36 min Scan# 208
Delta R.T. -0.00 min
Lab File: VX016029.D
Acq: 04 May 2020 11:39

Tgt Ion: 96 Resp: 4408
Ion Ratio Lower Upper
96 100
61 158.1 124.8 187.2
98 67.5 49.7 74.5





#13

Acrolein

Concen: 7.145 ug/l

RT: 2.27 min Scan# 194

Delta R.T. -0.00 min

Lab File: VX016029.D

Acq: 04 May 2020 11:39

Instrument :

MSVOA_X

ClientSampleId :

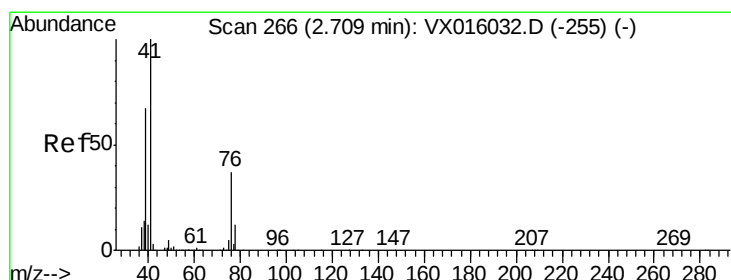
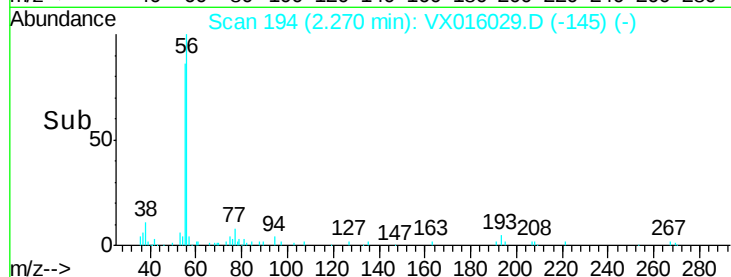
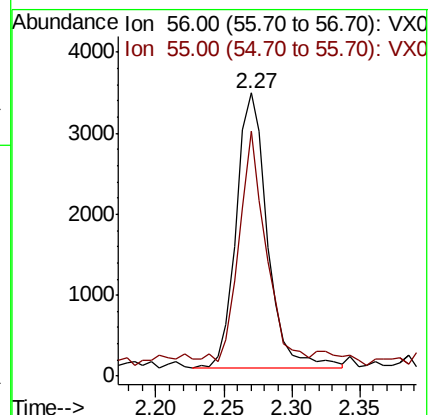
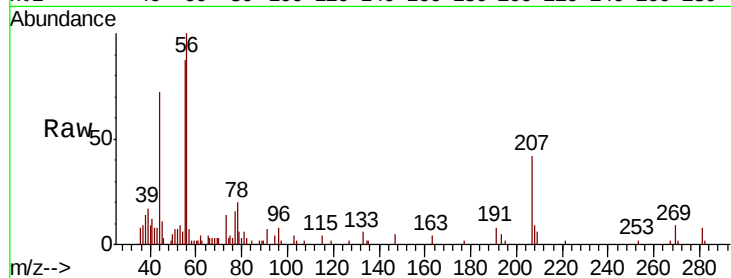
VSTDIC001

Tot Ion: 56 Resp: 5420

Ion Ratio Lower Upper

56 100

55 69.3 56.5 84.7



#14

Allyl chloride

Concen: 1.085 ug/l

RT: 2.70 min Scan# 265

Delta R.T. -0.01 min

Lab File: VX016029.D

Acq: 04 May 2020 11:39

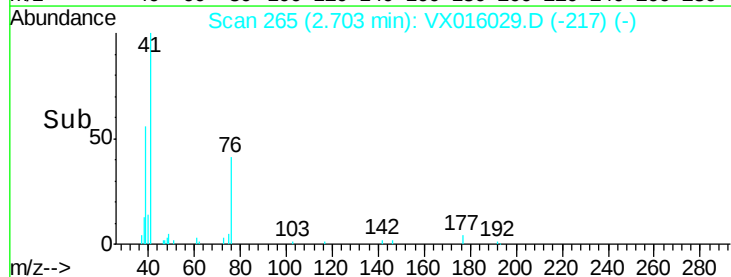
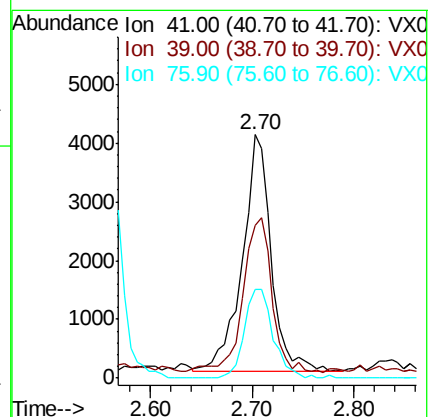
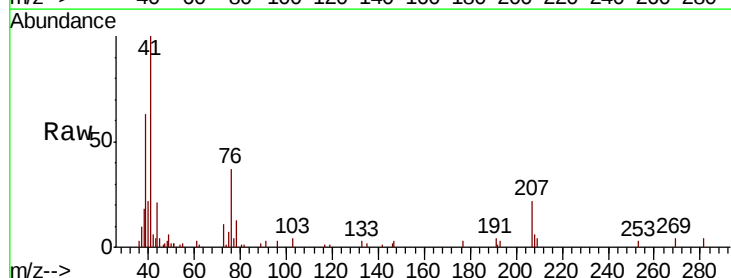
Tgt Ion: 41 Resp: 7881

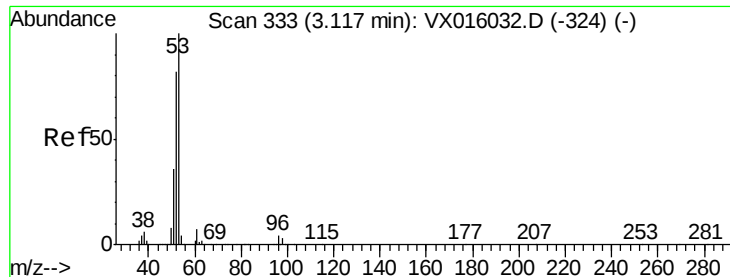
Ion Ratio Lower Upper

41 100

39 64.3 50.5 75.7

76 37.4 26.6 40.0





#15

Acrylonitrile

Concen: 5.509 ug/l

RT: 3.11 min Scan# 332

Delta R.T. -0.01 min

Lab File: VX016029.D

Acq: 04 May 2020 11:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

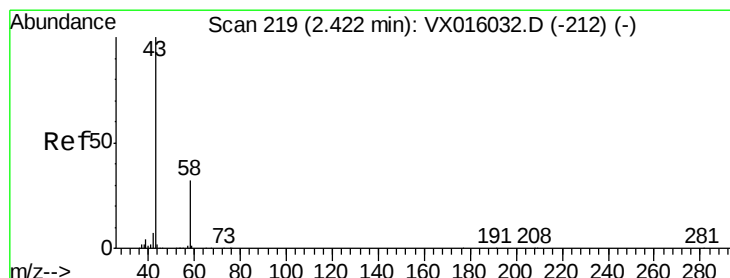
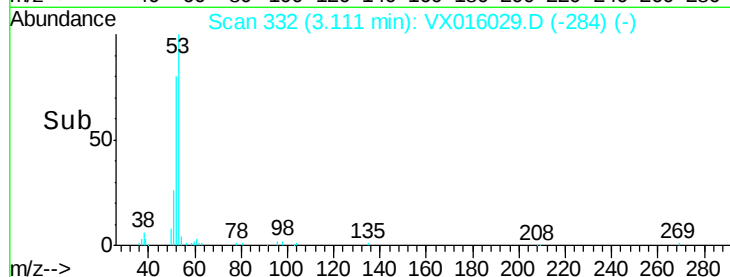
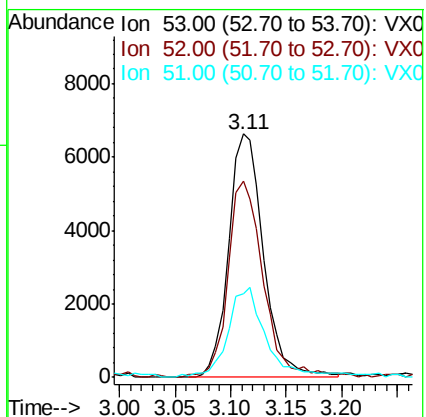
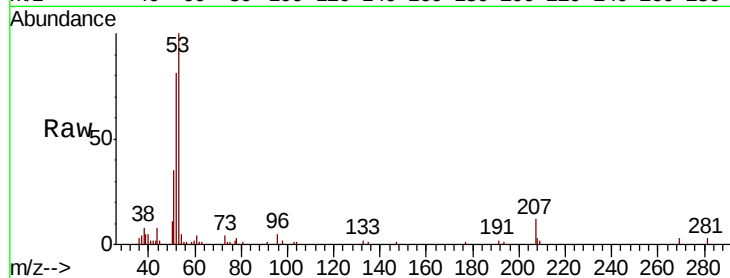
Tot Ion: 53 Resp: 14396

Ion Ratio Lower Upper

53 100

52 82.0 66.1 99.1

51 39.6 28.8 43.2



#16

Acetone

Concen: 5.537 ug/l

RT: 2.42 min Scan# 218

Delta R.T. -0.01 min

Lab File: VX016029.D

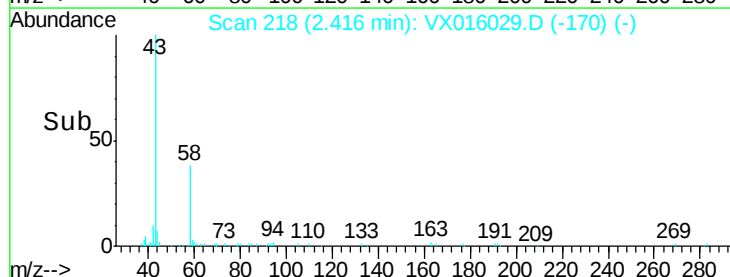
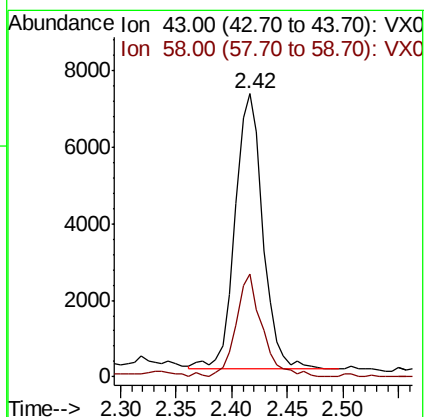
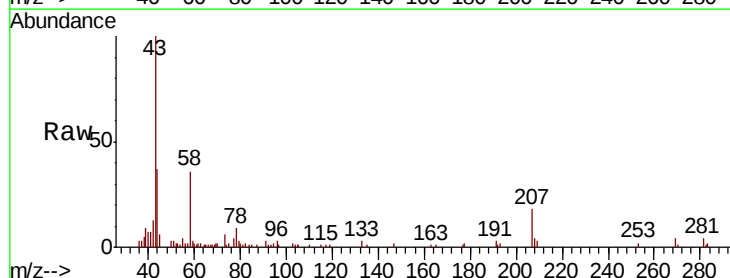
Acq: 04 May 2020 11:39

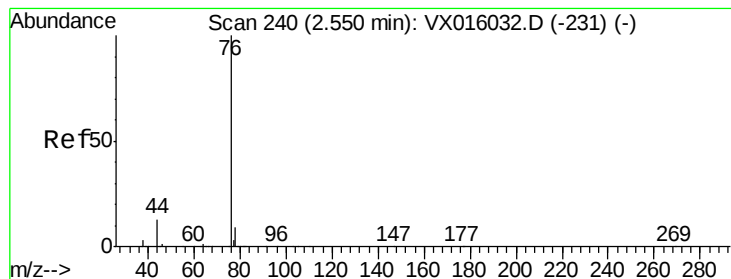
Tgt Ion: 43 Resp: 12405

Ion Ratio Lower Upper

43 100

58 37.3 25.4 38.0





#17

Carbon Disulfide

Concen: 1.452 ug/l

RT: 2.55 min Scan# 240

Delta R.T. -0.00 min

Lab File: VX016029.D

Acq: 04 May 2020 11:39

Instrument :

MSVOA_X

ClientSampled :

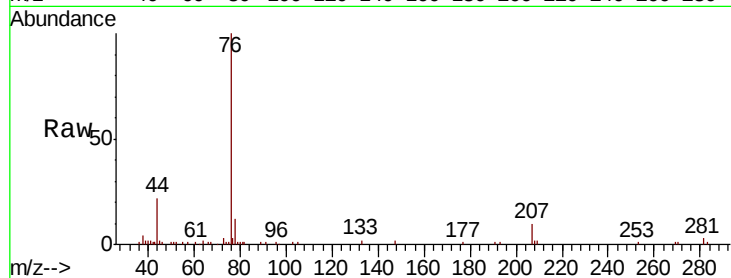
VSTDIC001

Tot Ion: 76 Resp: 20639

Ion Ratio Lower Upper

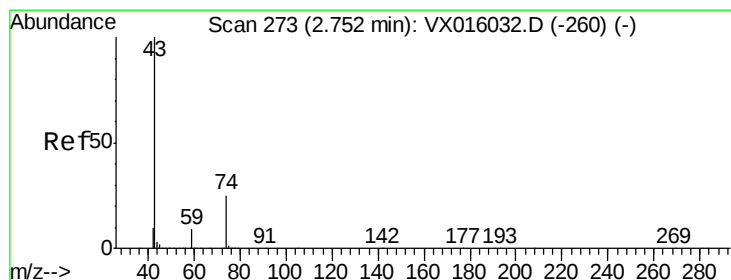
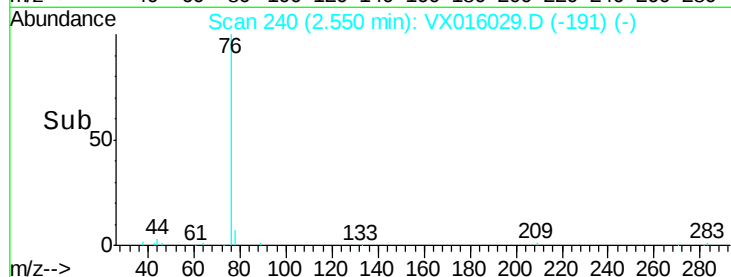
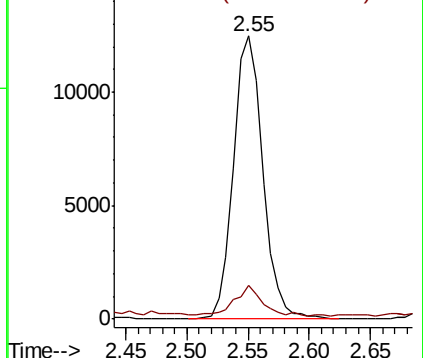
76 100

78 10.4 7.5 11.3



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 1.093 ug/l

RT: 2.75 min Scan# 272

Delta R.T. -0.01 min

Lab File: VX016029.D

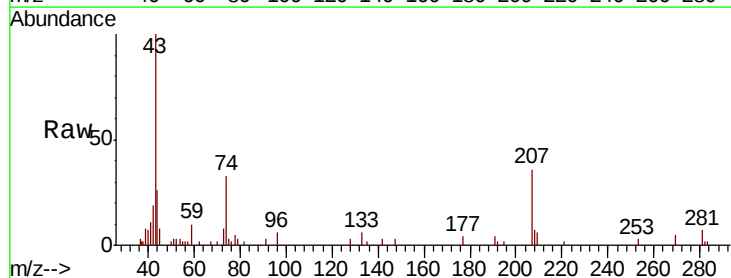
Acq: 04 May 2020 11:39

Tgt Ion: 43 Resp: 6034

Ion Ratio Lower Upper

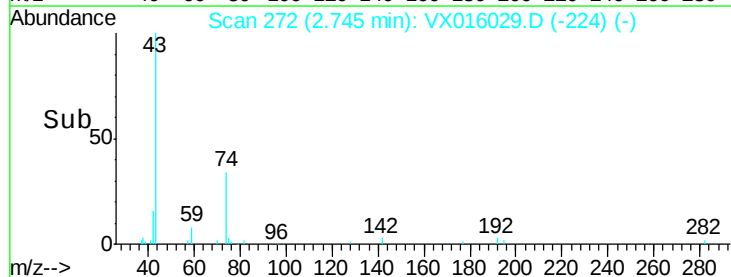
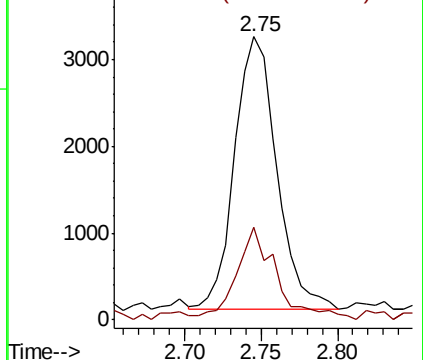
43 100

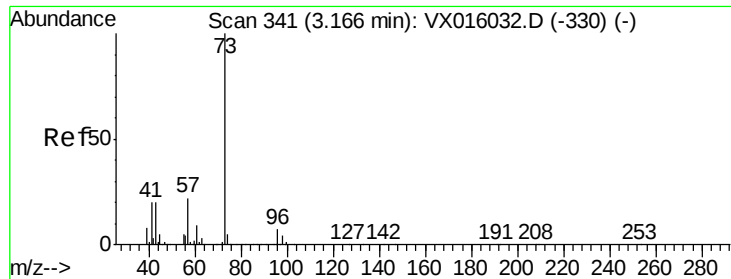
74 32.4 20.2 30.2#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0



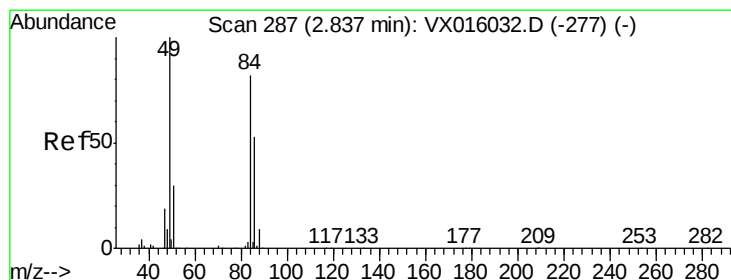
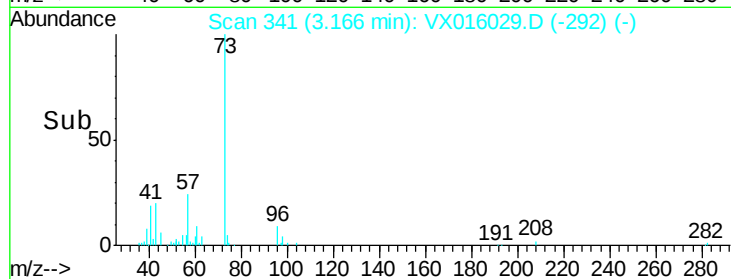
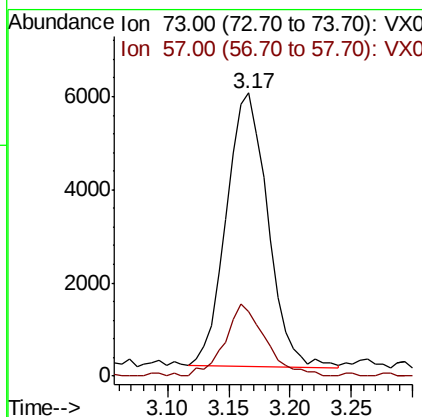
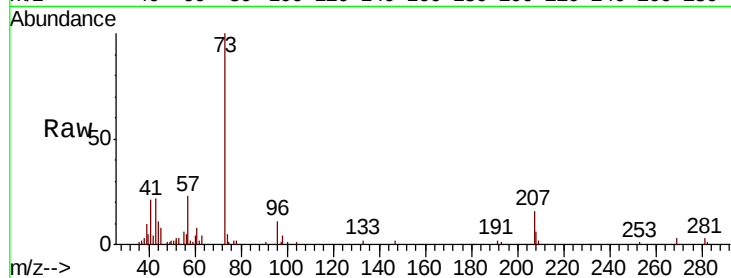


#19

Methyl tert-butyl Ether
 Concen: 1.019 ug/l
 RT: 3.17 min Scan# 341
 Delta R.T. -0.00 min
 Lab File: VX016029.D
 Acq: 04 May 2020 11:39

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

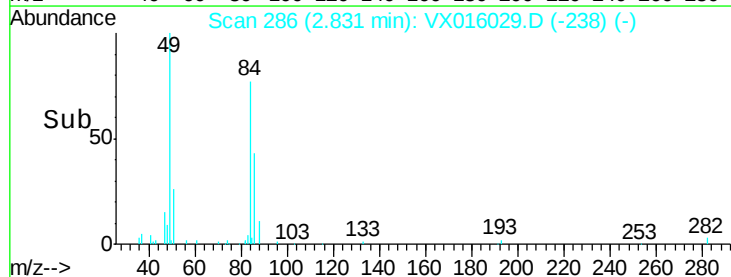
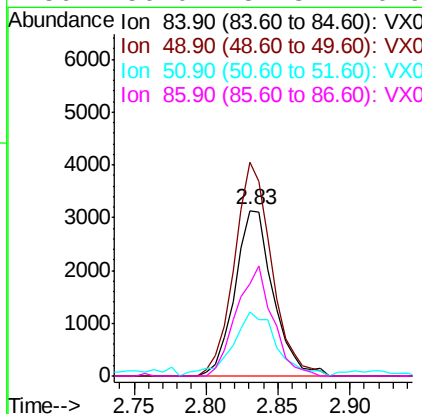
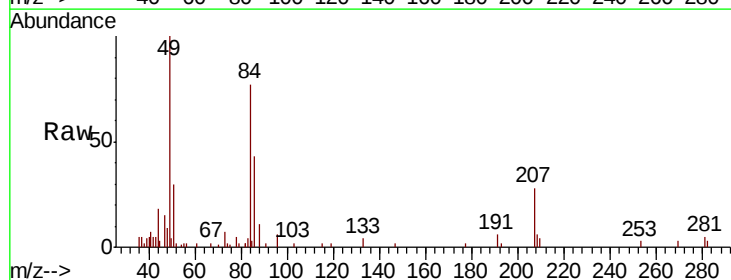
Tot Ion: 73 Resp: 13816
 Ion Ratio Lower Upper
 73 100
 57 23.7 17.8 26.6

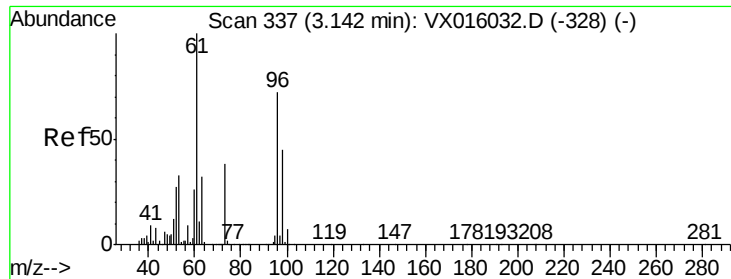


#20

Methylene Chloride
 Concen: 1.220 ug/l
 RT: 2.83 min Scan# 286
 Delta R.T. -0.01 min
 Lab File: VX016029.D
 Acq: 04 May 2020 11:39

Tgt Ion: 84 Resp: 5770
 Ion Ratio Lower Upper
 84 100
 49 129.1 97.3 145.9
 51 36.4 29.3 43.9
 86 56.0 51.3 76.9





#21

trans-1,2-Dichloroethene

Concen: 1.209 ug/l

RT: 3.14 min Scan# 337

Delta R.T. -0.00 min

Lab File: VX016029.D

Acq: 04 May 2020 11:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

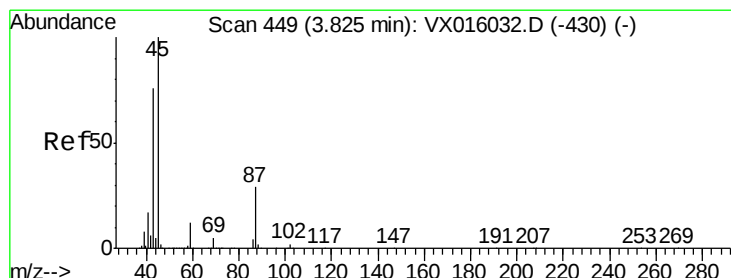
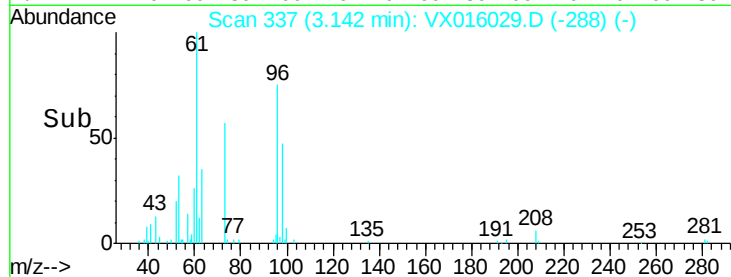
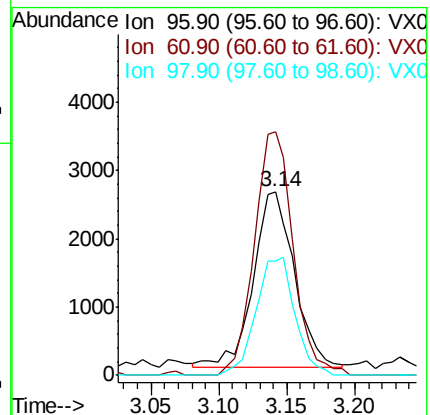
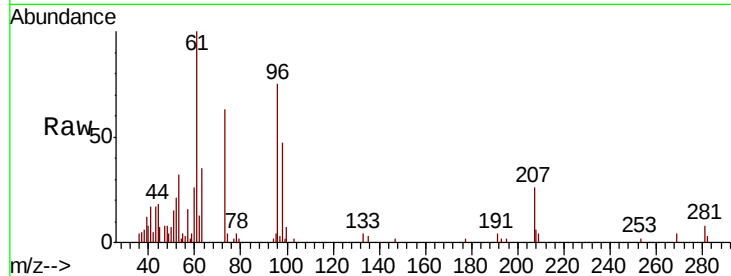
Tot Ion: 96 Resp: 5400

Ion Ratio Lower Upper

96 100

61 140.5 111.2 166.8

98 65.9 50.2 75.4



#22

Diisopropyl ether

Concen: 1.083 ug/l

RT: 3.82 min Scan# 448

Delta R.T. -0.01 min

Lab File: VX016029.D

Acq: 04 May 2020 11:39

Tgt Ion: 45 Resp: 14841

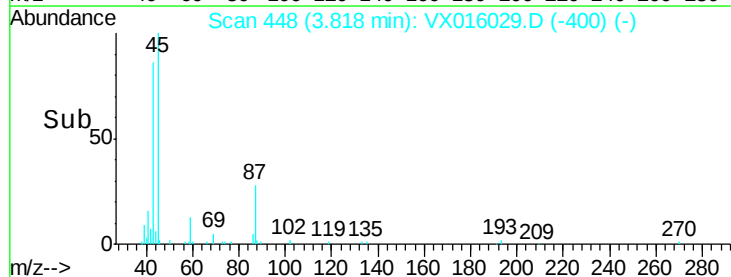
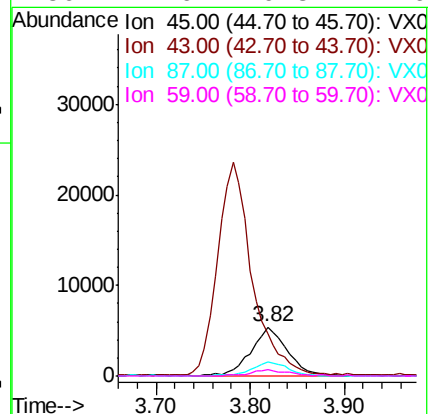
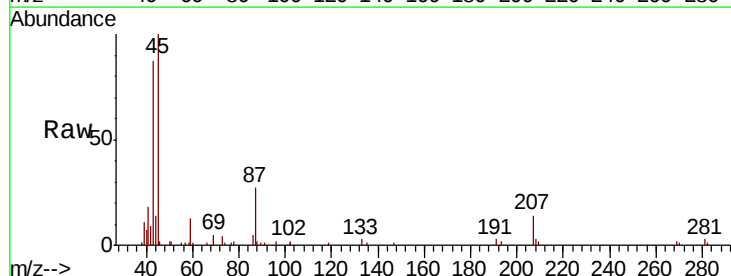
Ion Ratio Lower Upper

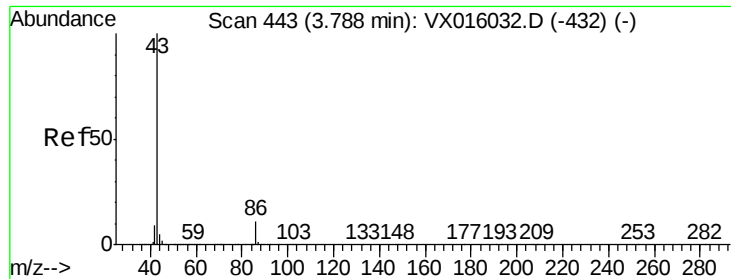
45 100

43 83.3 61.1 91.7

87 27.4 23.0 34.6

59 12.6 9.8 14.6





#23

Vinyl Acetate

Concen: 5.035 ug/l

RT: 3.78 min Scan# 442

Delta R.T. -0.01 min

Lab File: VX016029.D

Acq: 04 May 2020 11:39

Instrument :

MSVOA_X

ClientSampled :

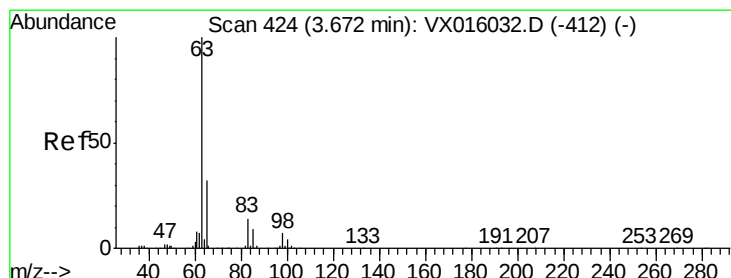
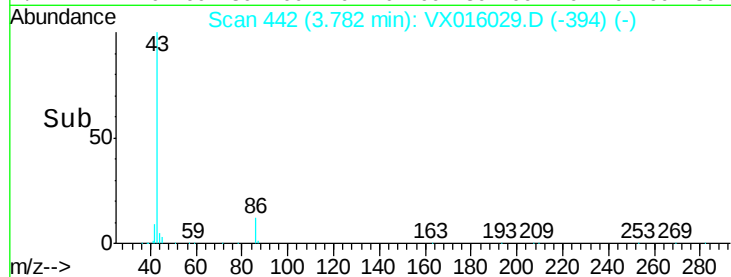
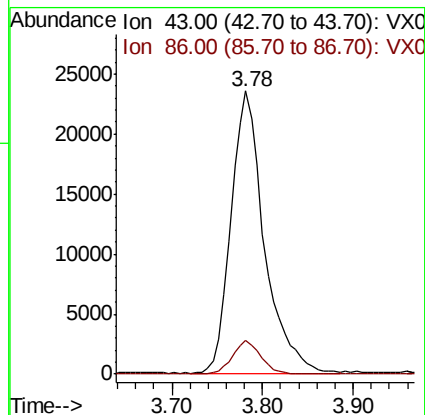
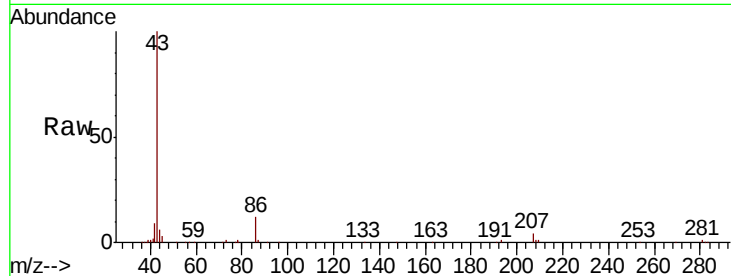
VSTDIC001

Tot Ion: 43 Resp: 59739

Ion Ratio Lower Upper

43 100

86 11.8 9.0 13.4



#24

1,1-Dichloroethane

Concen: 1.072 ug/l

RT: 3.67 min Scan# 423

Delta R.T. -0.01 min

Lab File: VX016029.D

Acq: 04 May 2020 11:39

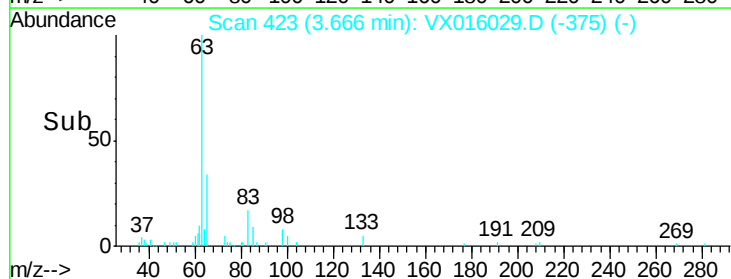
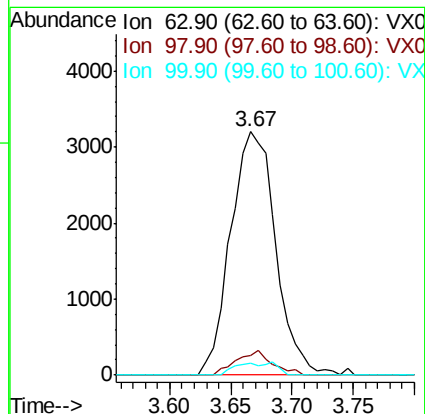
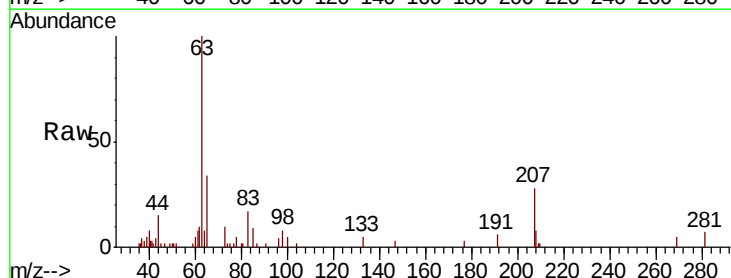
Tgt Ion: 63 Resp: 8198

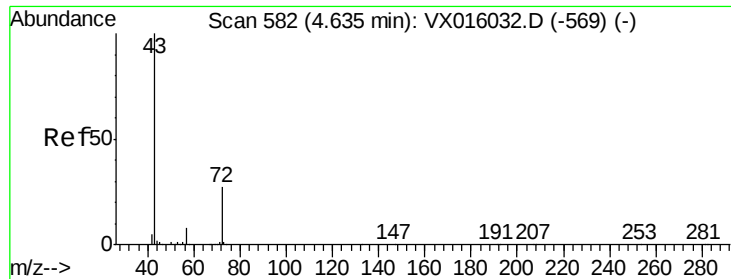
Ion Ratio Lower Upper

63 100

98 7.9 3.5 10.5

100 5.1 2.1 6.5

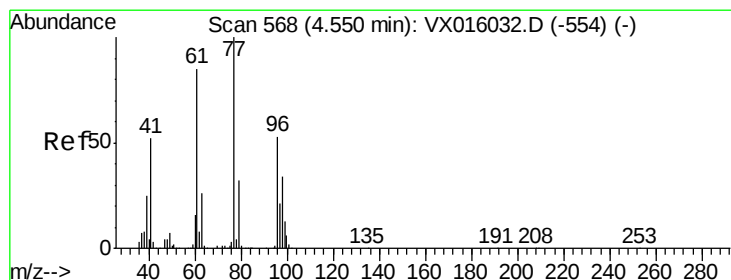
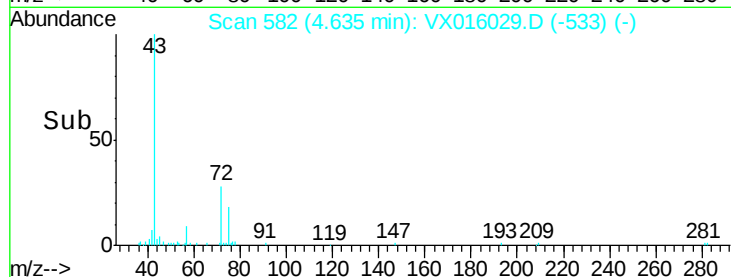
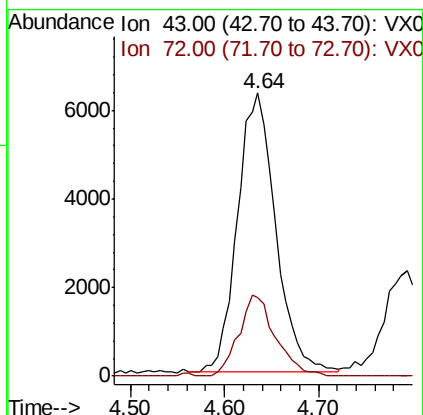
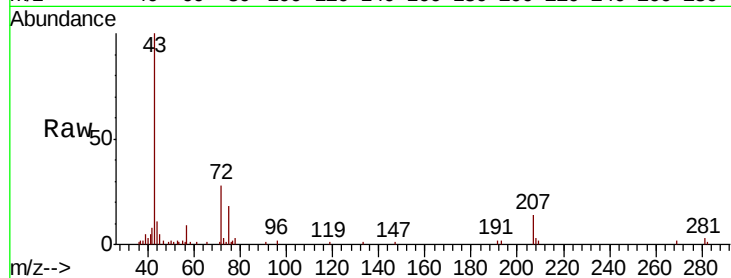




#25
 2-Butanone
 Concen: 5.068 ug/l
 RT: 4.64 min Scan# 582
 Delta R.T. -0.00 min
 Lab File: VX016029.D
 Acq: 04 May 2020 11:39

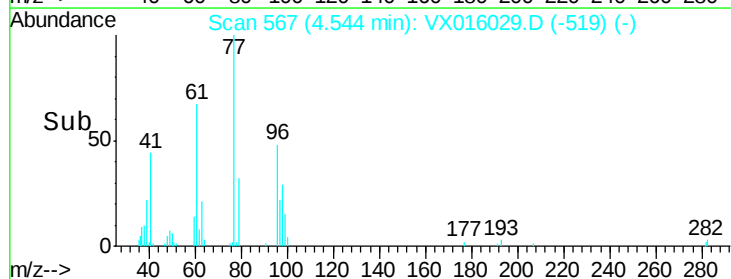
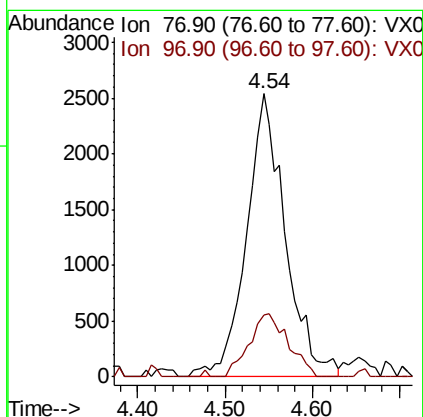
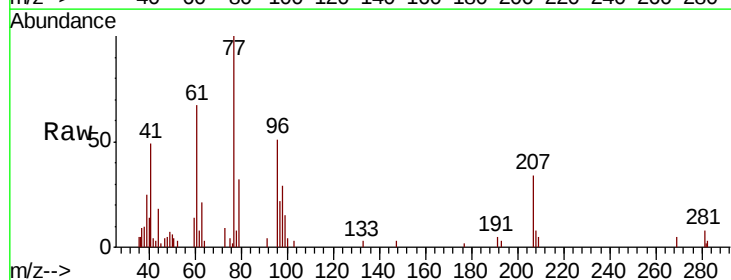
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

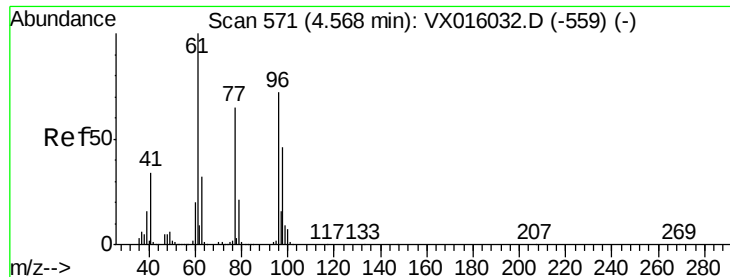
Tot Ion: 43 Resp: 17940
 Ion Ratio Lower Upper
 43 100
 72 27.9 21.8 32.8



#26
 2,2-Dichloropropane
 Concen: 1.109 ug/l
 RT: 4.54 min Scan# 567
 Delta R.T. -0.01 min
 Lab File: VX016029.D
 Acq: 04 May 2020 11:39

Tgt Ion: 77 Resp: 7847
 Ion Ratio Lower Upper
 77 100
 97 22.4 11.2 33.6





#27

cis-1,2-Dichloroethene

Concen: 1.106 ug/l

RT: 4.56 min Scan# 570

Delta R.T. -0.01 min

Lab File: VX016029.D

Acq: 04 May 2020 11:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

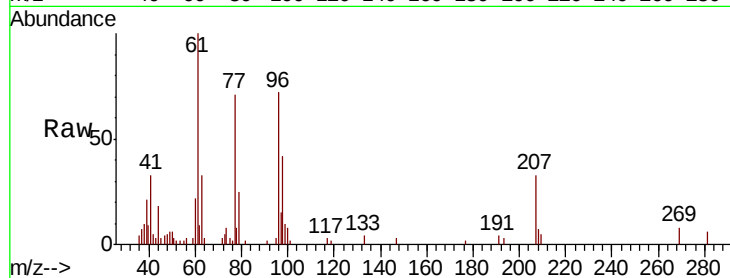
Tot Ion: 96 Resp: 5319

Ion Ratio Lower Upper

96 100

61 146.7 0.0 296.2

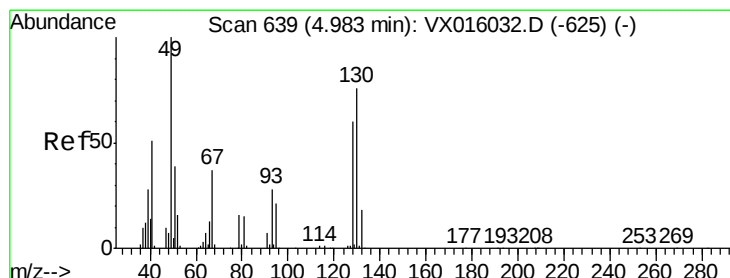
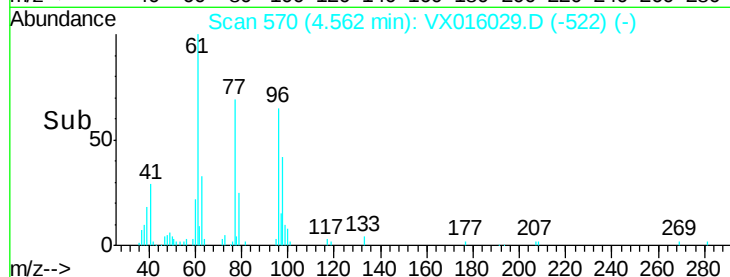
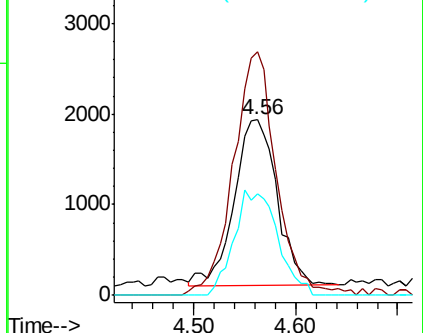
98 63.9 0.0 129.4



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#28

Bromochloromethane

Concen: 1.055 ug/l

RT: 4.98 min Scan# 638

Delta R.T. -0.01 min

Lab File: VX016029.D

Acq: 04 May 2020 11:39

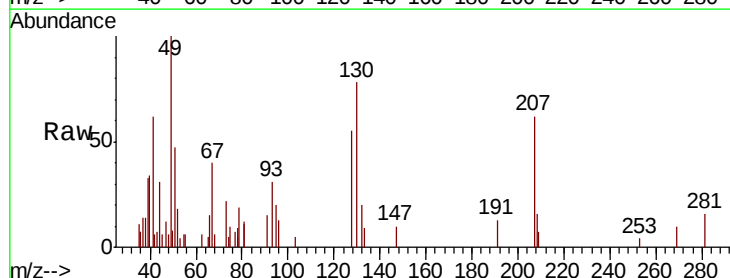
Tgt Ion: 49 Resp: 3652

Ion Ratio Lower Upper

49 100

129 0.0 0.0 4.0

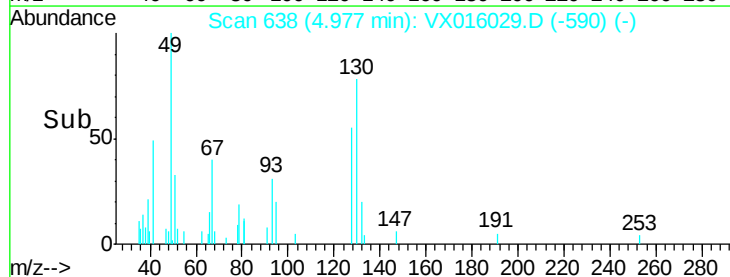
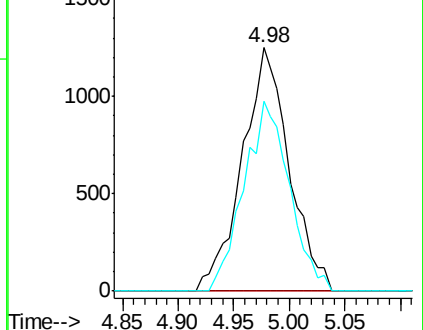
130 75.8 62.4 93.6

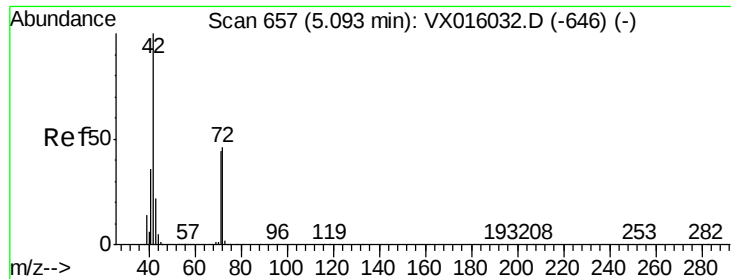


Abundance Ion 48.90 (48.60 to 49.60): VX0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V





#29

Tetrahydrofuran

Concen: 5.279 ug/l

RT: 5.09 min Scan# 657

Delta R.T. -0.00 min

Lab File: VX016029.D

Acq: 04 May 2020 11:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

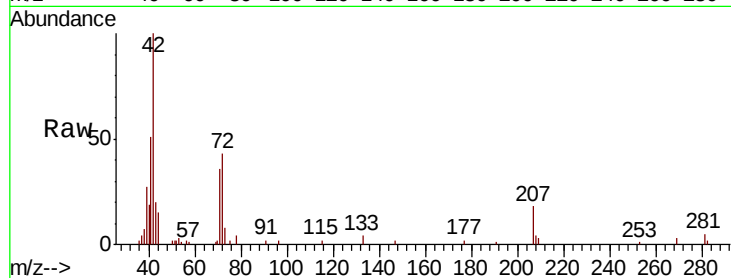
Tot Ion: 42 Resp: 12443

Ion Ratio Lower Upper

42 100

72 45.6 37.1 55.7

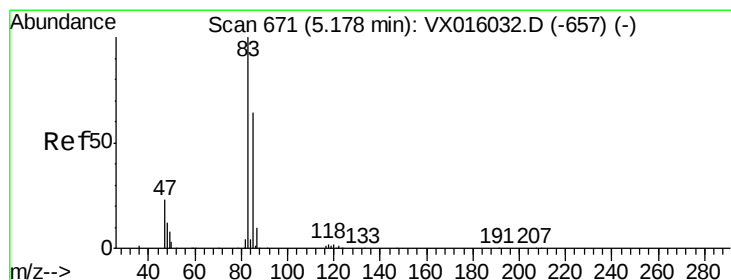
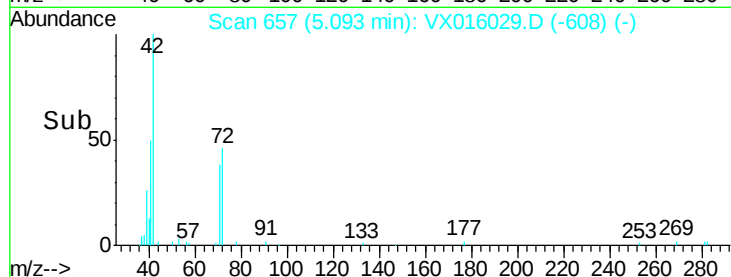
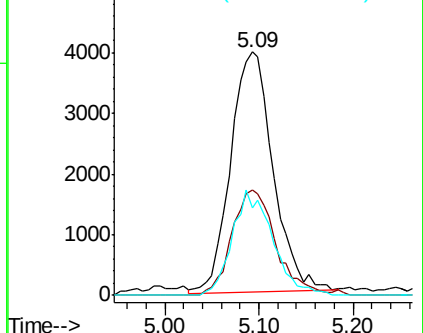
71 41.6 34.5 51.7



Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0



#30

Chloroform

Concen: 1.053 ug/l

RT: 5.17 min Scan# 670

Delta R.T. -0.01 min

Lab File: VX016029.D

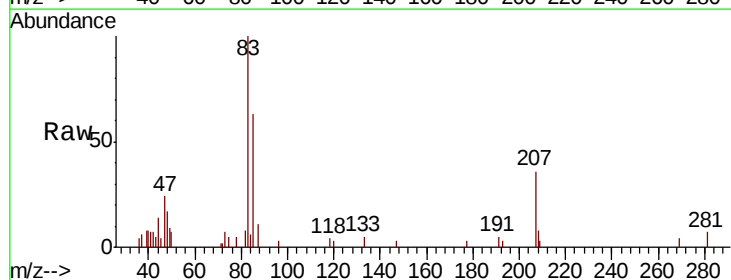
Acq: 04 May 2020 11:39

Tgt Ion: 83 Resp: 8021

Ion Ratio Lower Upper

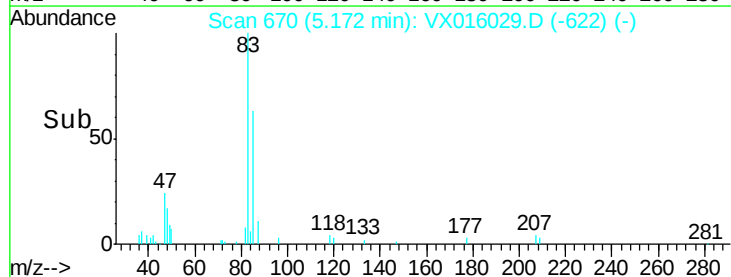
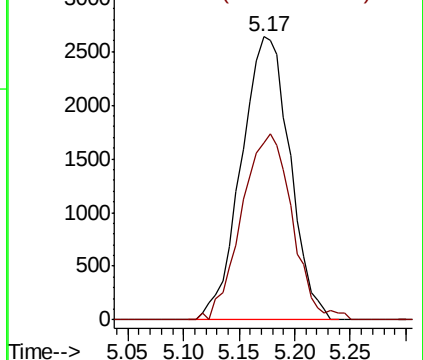
83 100

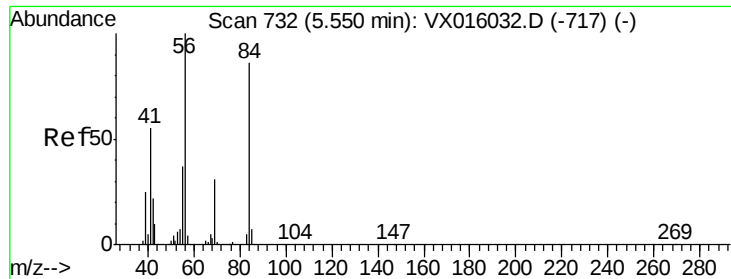
85 62.6 51.6 77.4



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

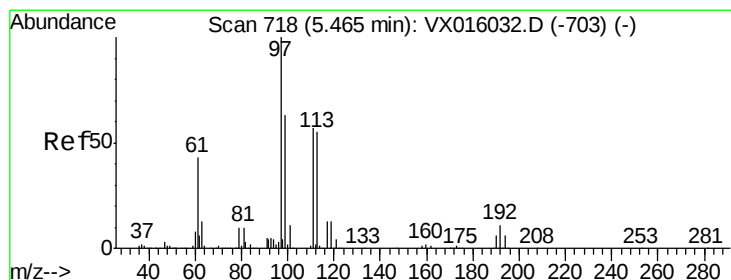
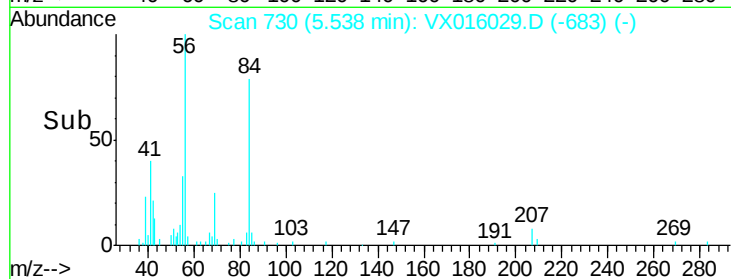
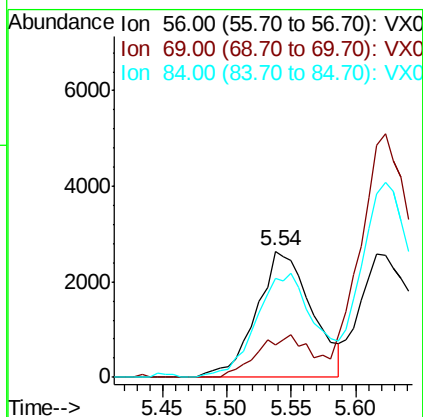
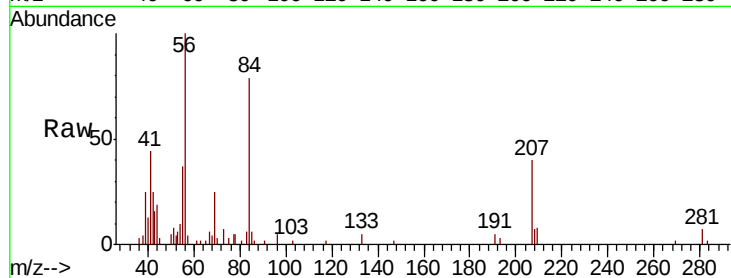




#31
Cyclohexane
Concen: 1.104 ug/l
RT: 5.54 min Scan# 730
Delta R.T. -0.01 min
Lab File: VX016029.D
Acq: 04 May 2020 11:39

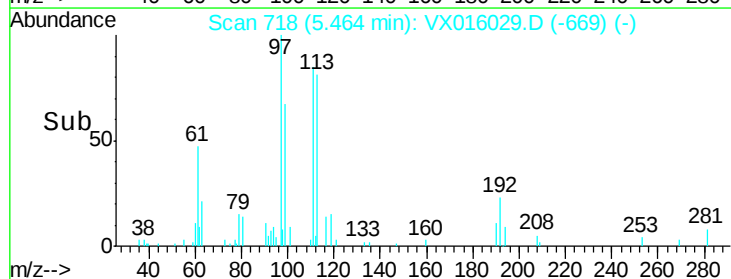
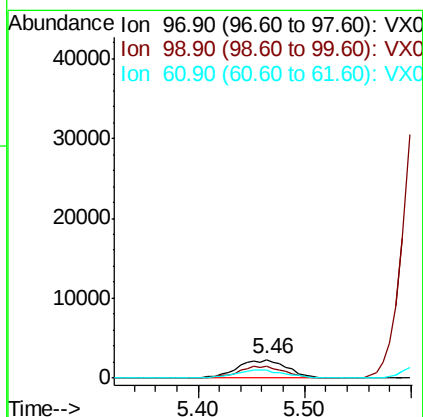
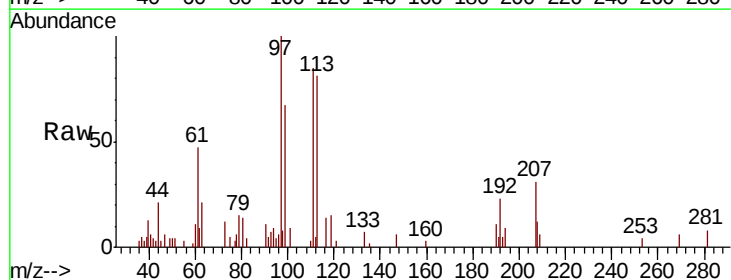
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

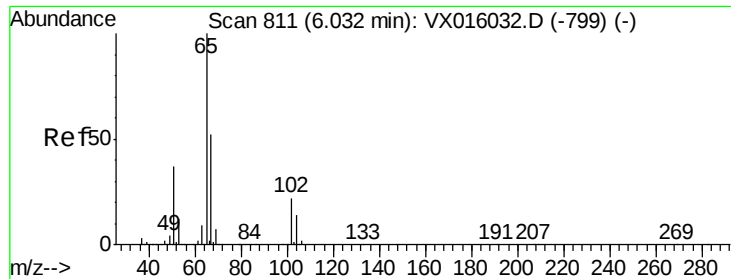
Tot Ion: 56 Resp: 7875
Ion Ratio Lower Upper
56 100
69 25.3 25.0 37.6
84 78.5 69.0 103.6



#32
1,1,1-Trichloroethane
Concen: 1.066 ug/l
RT: 5.46 min Scan# 718
Delta R.T. -0.00 min
Lab File: VX016029.D
Acq: 04 May 2020 11:39

Tgt Ion: 97 Resp: 7369
Ion Ratio Lower Upper
97 100
99 0.0 51.0 76.4#
61 45.8 34.5 51.7





#33

1,2-Dichloroethane-d4

Concen: 1.416 ug/l

RT: 6.03 min Scan# 810

Delta R.T. -0.01 min

Lab File: VX016029.D

Acq: 04 May 2020 11:39

Instrument :

MSVOA_X

ClientSampleId :

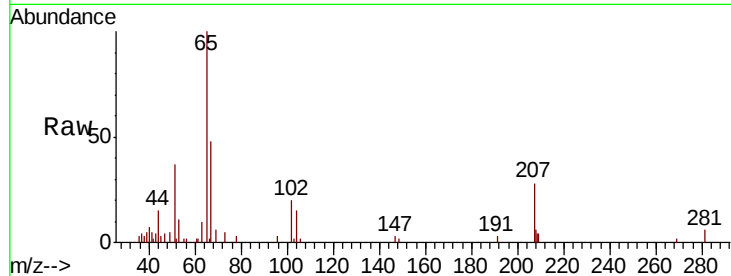
VSTDIC001

Tot Ion: 65 Resp: 8198

Ion Ratio Lower Upper

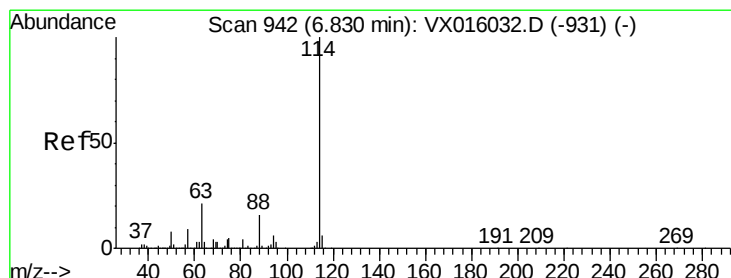
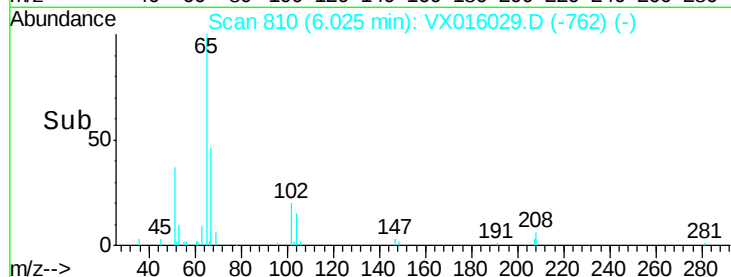
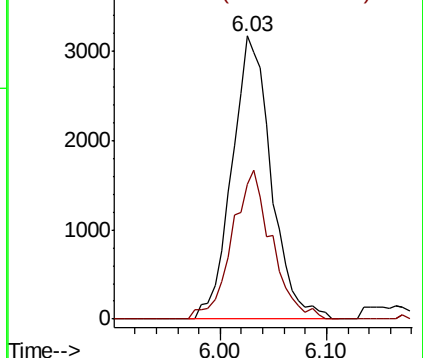
65 100

67 53.3 0.0 104.8



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.82 min Scan# 941

Delta R.T. -0.01 min

Lab File: VX016029.D

Acq: 04 May 2020 11:39

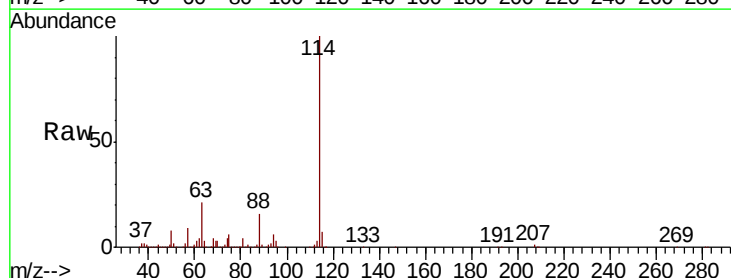
Tgt Ion: 114 Resp: 587195

Ion Ratio Lower Upper

114 100

63 21.3 0.0 42.8

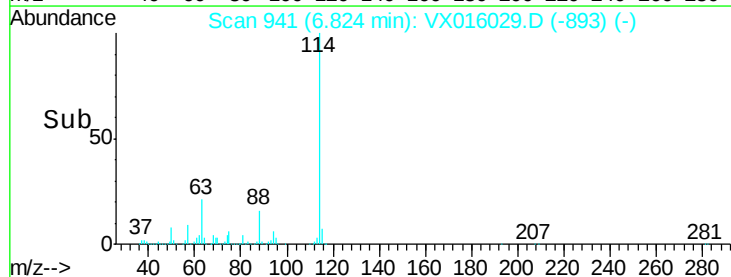
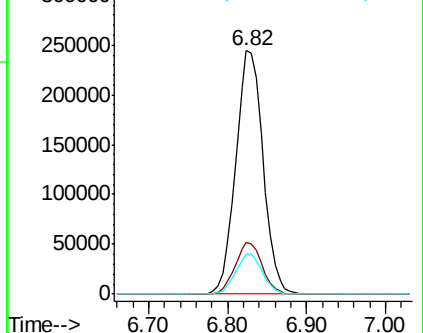
88 16.4 0.0 31.4

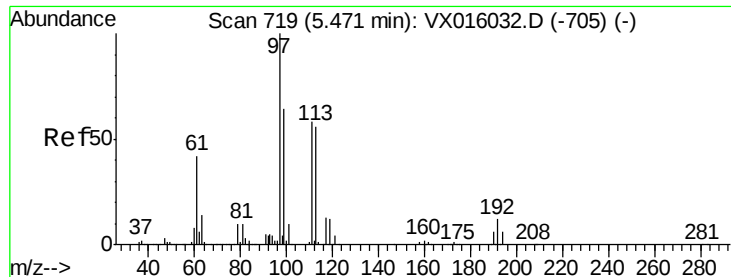


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

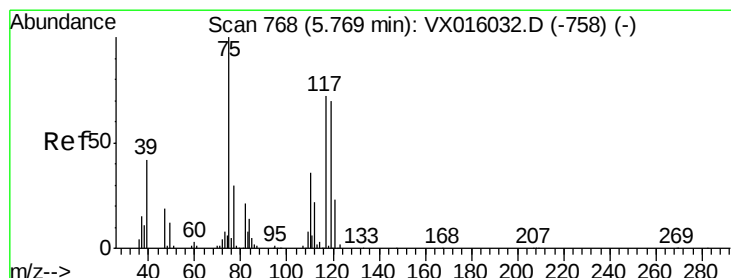
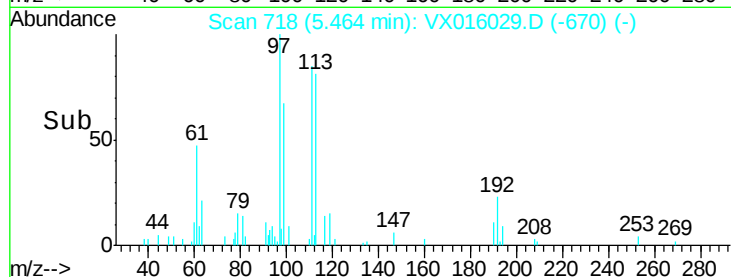
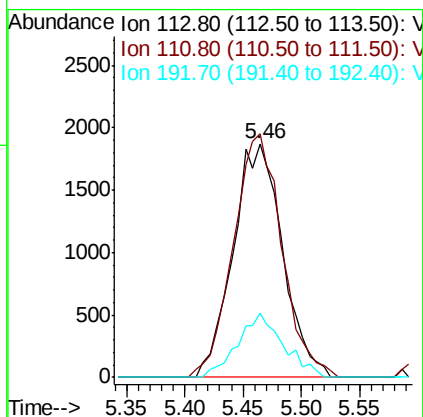
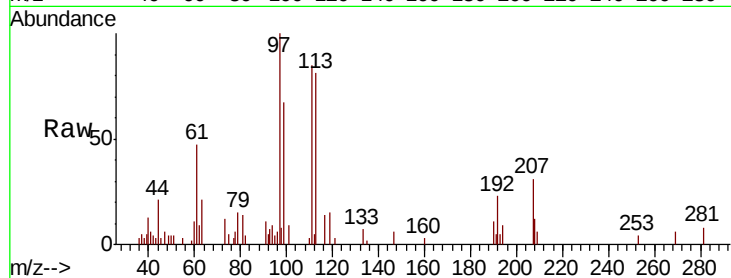




#35
 Dibromofluoromethane
 Concen: 1.332 ug/l
 RT: 5.46 min Scan# 718
 Delta R.T. -0.01 min
 Lab File: VX016029.D
 Acq: 04 May 2020 11:39

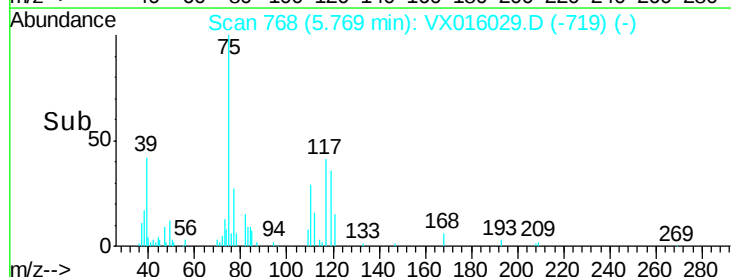
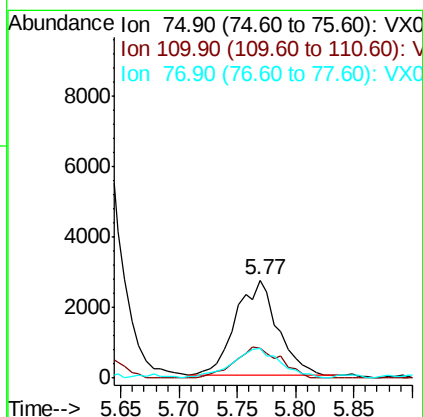
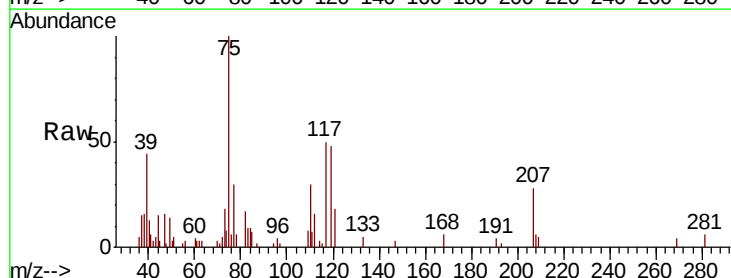
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

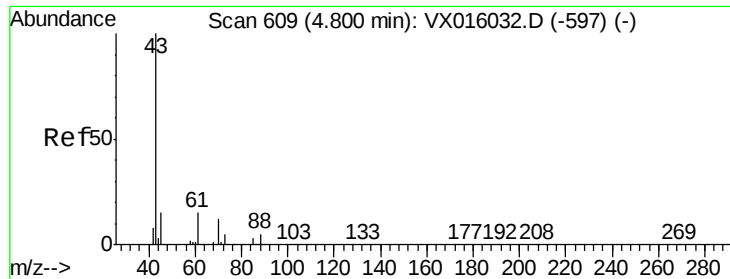
Tot Ion:113 Resp: 5531
 Ion Ratio Lower Upper
 113 100
 111 102.2 81.6 122.4
 192 25.1 17.0 25.4



#36
 1,1-Dichloropropene
 Concen: 1.164 ug/l
 RT: 5.77 min Scan# 768
 Delta R.T. -0.00 min
 Lab File: VX016029.D
 Acq: 04 May 2020 11:39

Tgt Ion: 75 Resp: 6823
 Ion Ratio Lower Upper
 75 100
 110 34.9 18.1 54.1
 77 36.1 25.0 37.6

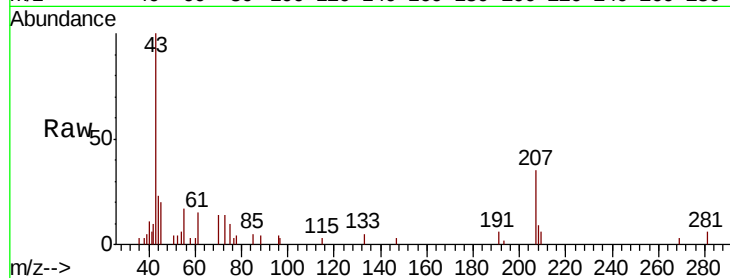




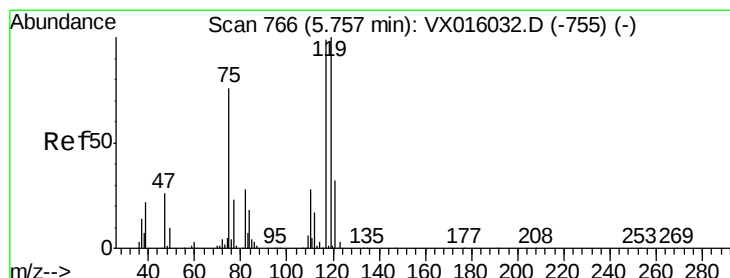
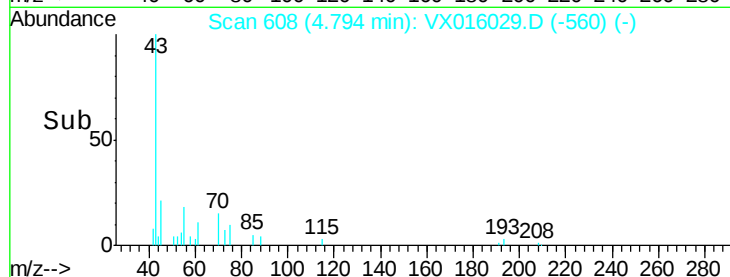
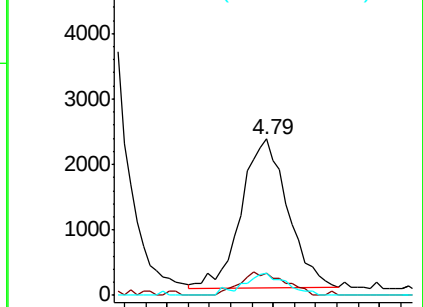
#37
Ethyl Acetate
Concen: 1.039 ug/l
RT: 4.79 min Scan# 608
Delta R.T. -0.01 min
Lab File: VX016029.D
Acq: 04 May 2020 11:39

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tot Ion: 43 Resp: 6933
Ion Ratio Lower Upper
43 100
61 15.1 11.7 17.5
70 13.8 9.3 13.9

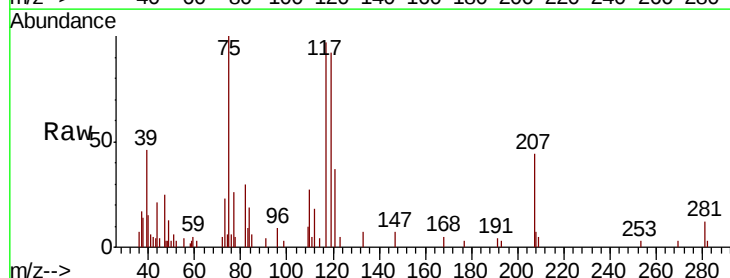


Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 70.00 (69.70 to 70.70): VX0

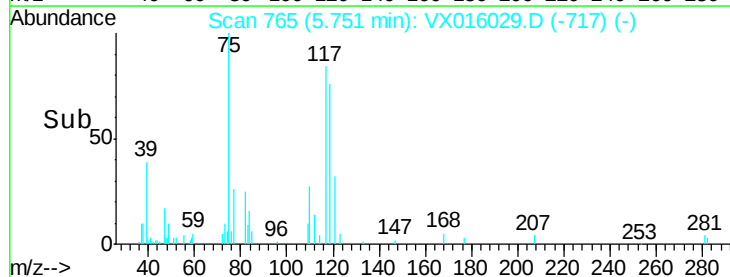
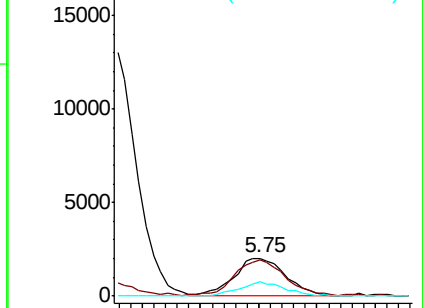


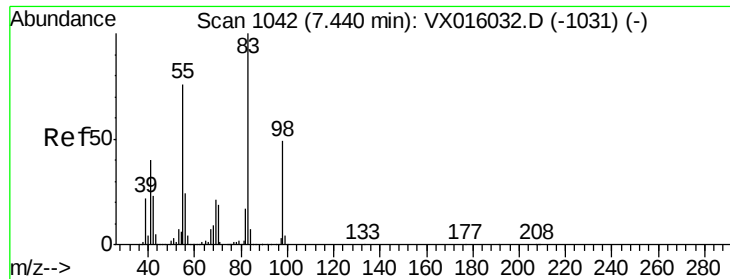
#38
Carbon Tetrachloride
Concen: 1.068 ug/l
RT: 5.75 min Scan# 765
Delta R.T. -0.01 min
Lab File: VX016029.D
Acq: 04 May 2020 11:39

Tgt Ion: 117 Resp: 6289
Ion Ratio Lower Upper
117 100
119 92.0 80.3 120.5
121 37.9 25.7 38.5



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

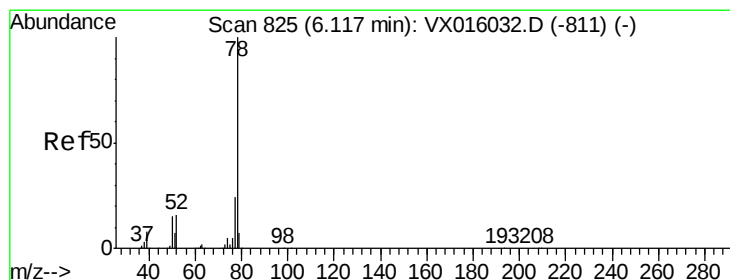
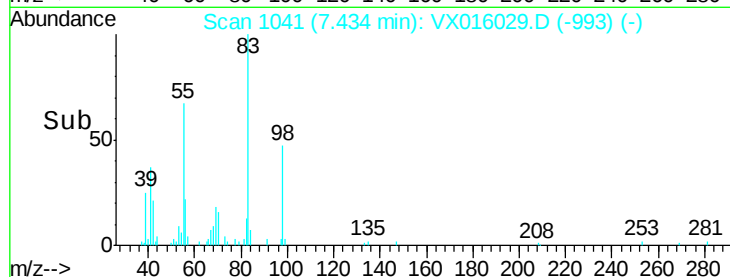
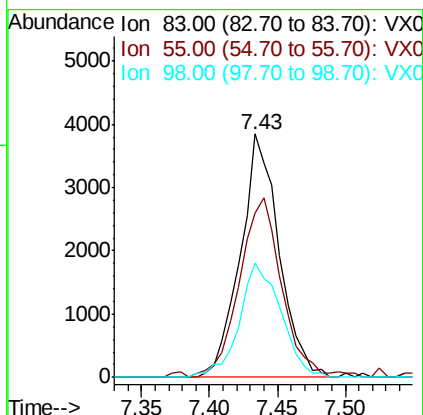
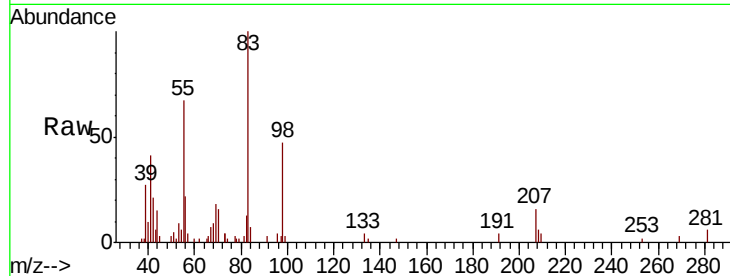




#39
Methvlcvclohexane
Concen: 1.098 ug/l
RT: 7.43 min Scan# 1041
Delta R.T. -0.01 min
Lab File: VX016029.D
Acq: 04 May 2020 11:39

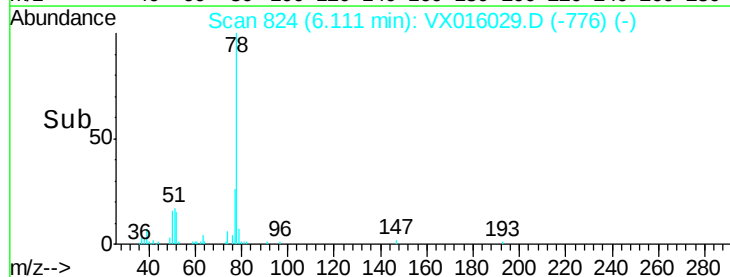
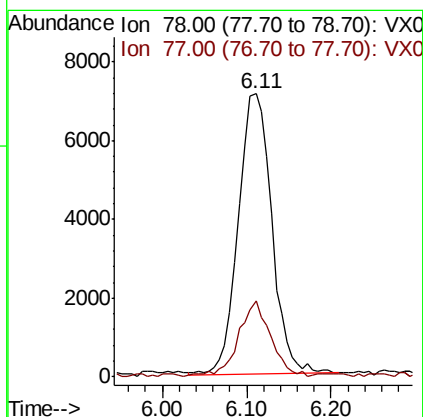
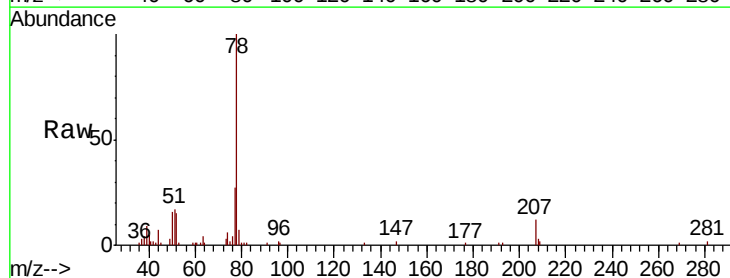
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

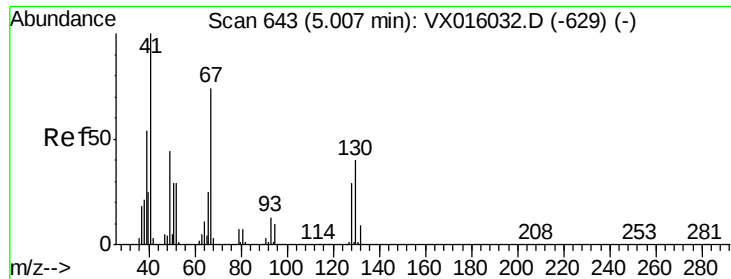
Tot Ion: 83 Resp: 7673
Ion Ratio Lower Upper
83 100
55 67.5 61.1 91.7
98 47.1 39.0 58.4



#40
Benzene
Concen: 1.119 ug/l
RT: 6.11 min Scan# 824
Delta R.T. -0.01 min
Lab File: VX016029.D
Acq: 04 May 2020 11:39

Tgt Ion: 78 Resp: 19187
Ion Ratio Lower Upper
78 100
77 26.3 19.0 28.4

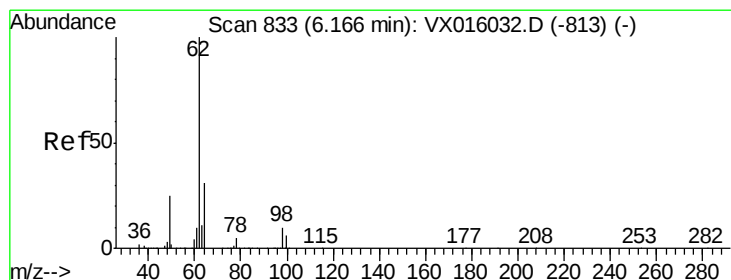
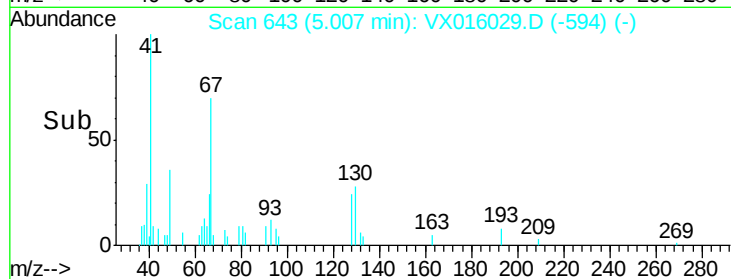
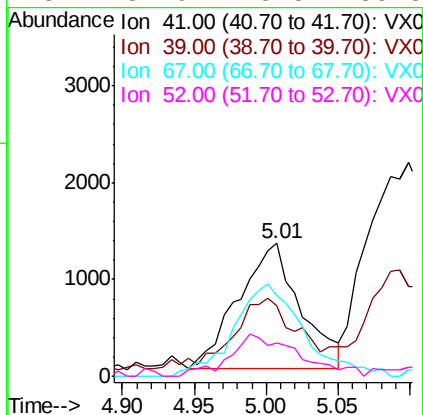
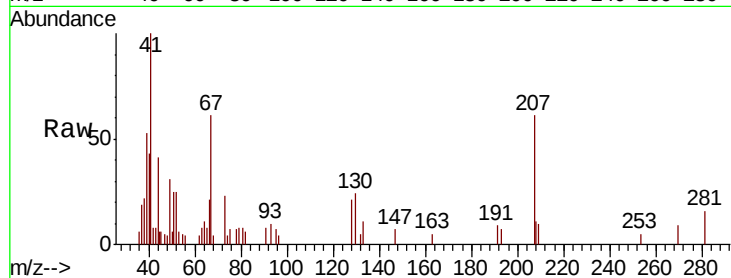




#41
Methacrylonitrile
Concen: 1.067 ug/l
RT: 5.01 min Scan# 643
Delta R.T. -0.00 min
Lab File: VX016029.D
Acq: 04 May 2020 11:39

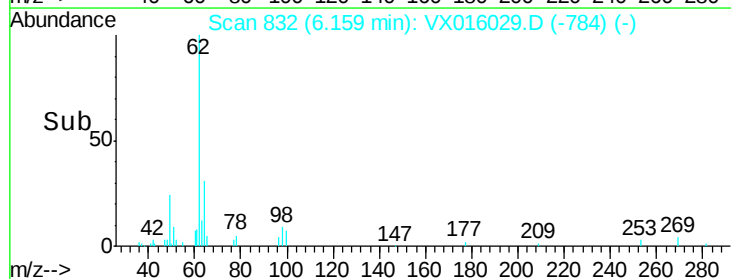
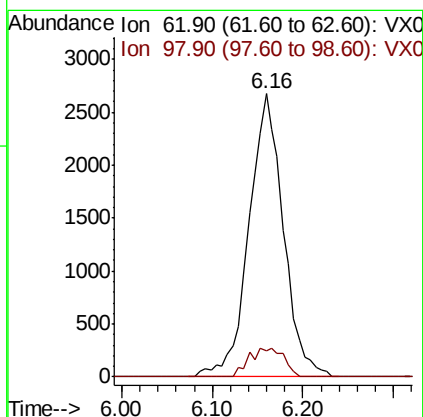
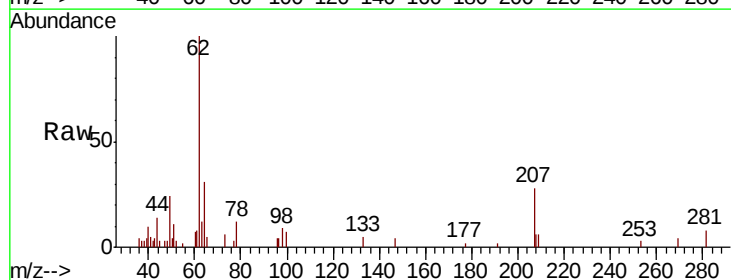
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

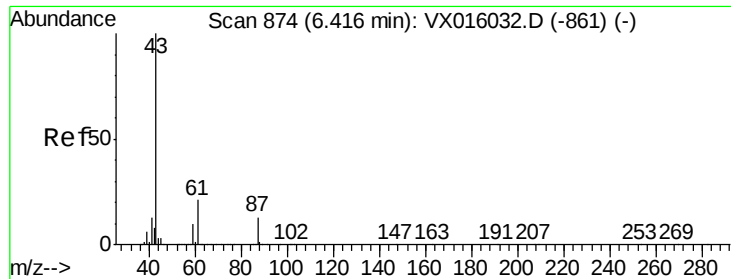
Tot Ion:	41	Resp:	3845
Ion	Ratio	Lower	Upper
41	100		
39	60.1	43.2	64.8
67	83.1	59.3	88.9
52	37.9	23.5	35.3#



#42
1,2-Dichloroethane
Concen: 1.130 ug/l
RT: 6.16 min Scan# 832
Delta R.T. -0.01 min
Lab File: VX016029.D
Acq: 04 May 2020 11:39

Tgt Ion:	62	Resp:	7001
Ion	Ratio	Lower	Upper
62	100		
98	10.3	0.0	19.4





#43

Isopropyl Acetate

Concen: 1.054 ug/l

RT: 6.41 min Scan# 873

Delta R.T. -0.01 min

Lab File: VX016029.D

Acq: 04 May 2020 11:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

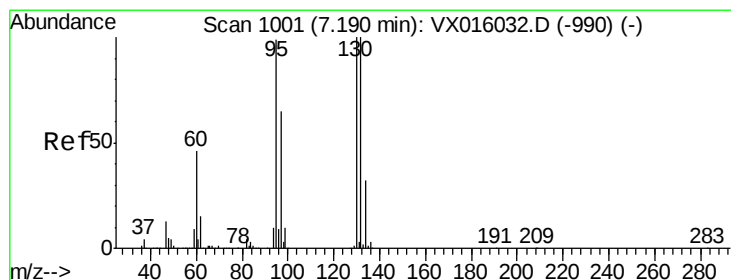
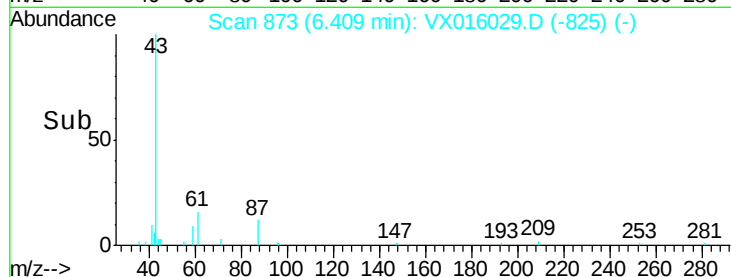
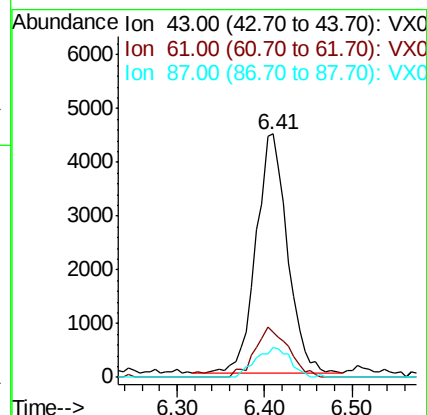
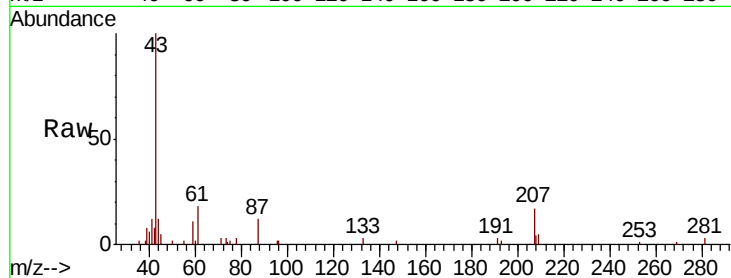
Tot Ion: 43 Resp: 11197

Ion Ratio Lower Upper

43 100

61 22.1 17.0 25.4

87 13.6 11.0 16.6



#44

Trichloroethene

Concen: 1.171 ug/l

RT: 7.19 min Scan# 1001

Delta R.T. -0.00 min

Lab File: VX016029.D

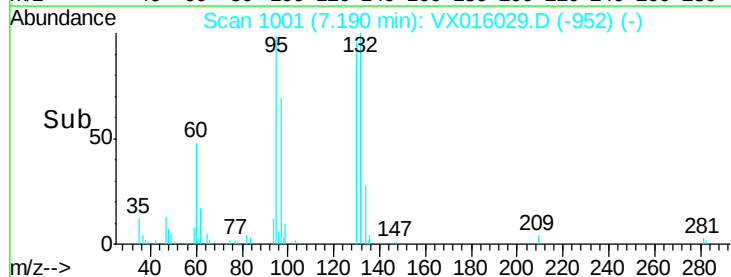
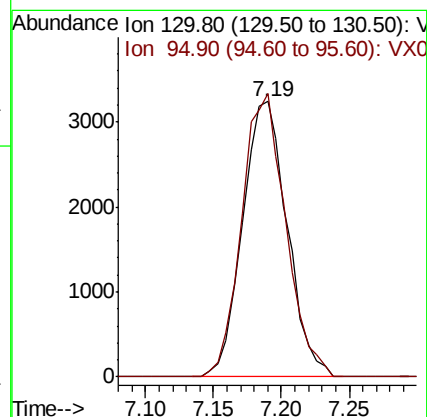
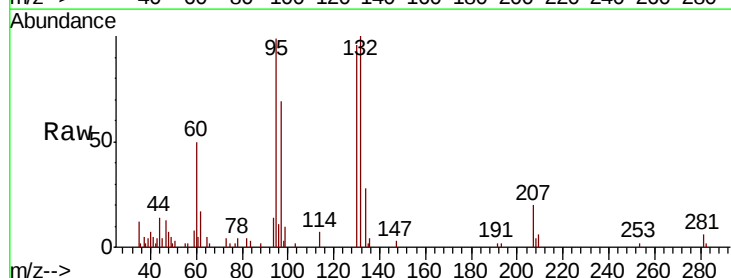
Acq: 04 May 2020 11:39

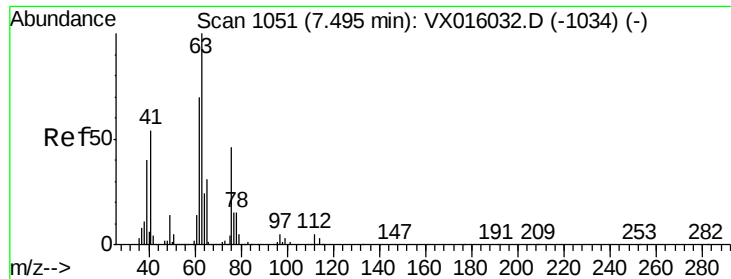
Tgt Ion: 130 Resp: 7426

Ion Ratio Lower Upper

130 100

95 102.9 0.0 197.4





#45

1,2-Dichloropropane

Concen: 1.060 ug/l

RT: 7.49 min Scan# 1050

Delta R.T. -0.01 min

Lab File: VX016029.D

Acq: 04 May 2020 11:39

Instrument :

MSVOA_X

ClientSampleId :

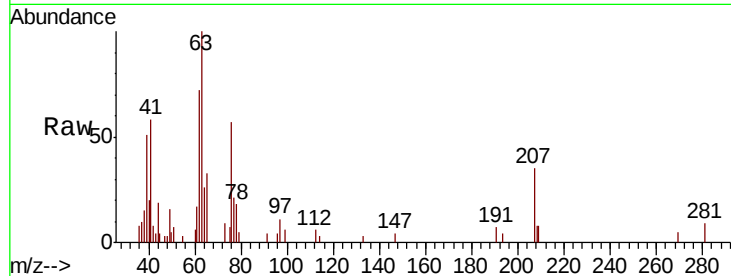
VSTDIC001

Tot Ion: 63 Resp: 4565

Ion Ratio Lower Upper

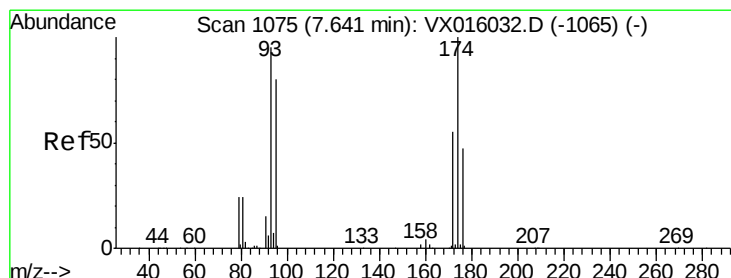
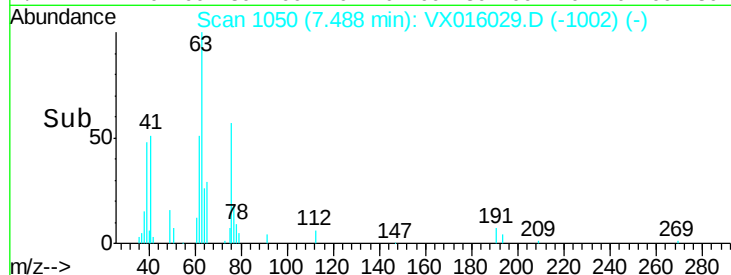
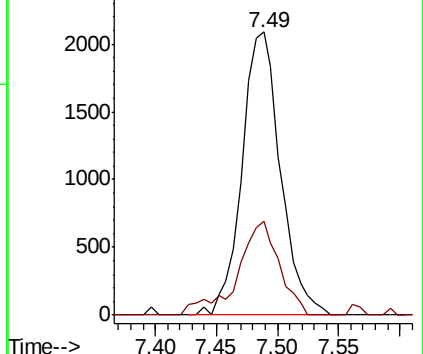
63 100

65 33.1 24.4 36.6



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 1.135 ug/l

RT: 7.63 min Scan# 1074

Delta R.T. -0.01 min

Lab File: VX016029.D

Acq: 04 May 2020 11:39

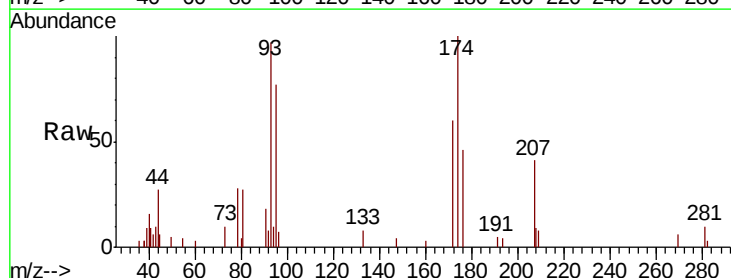
Tgt Ion: 93 Resp: 3325

Ion Ratio Lower Upper

93 100

95 77.0 66.6 100.0

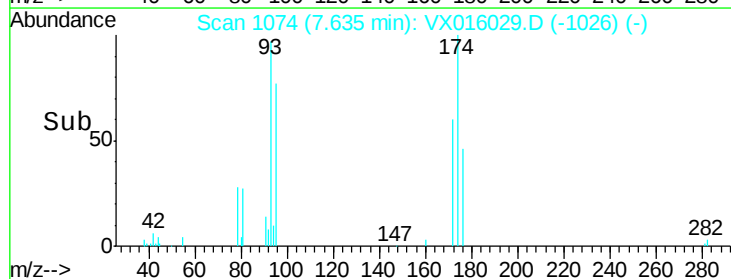
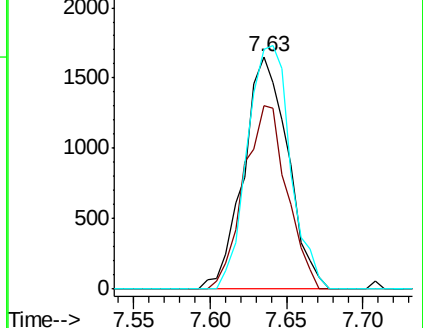
174 102.4 84.2 126.4

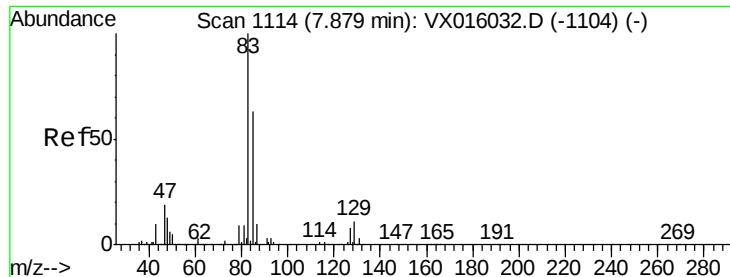


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 1.063 ug/l

RT: 7.88 min Scan# 1114

Delta R.T. -0.00 min

Lab File: VX016029.D

Acq: 04 May 2020 11:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

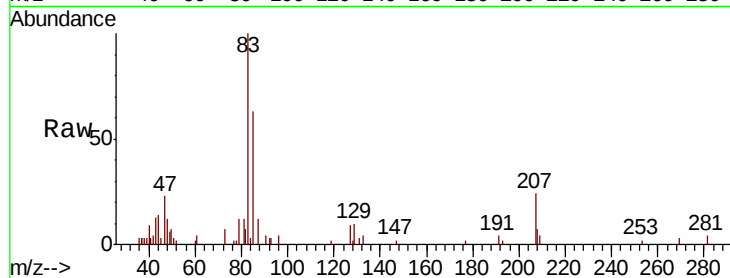
Tot Ion: 83 Resp: 6249

Ion Ratio Lower Upper

83 100

85 62.8 50.5 75.7

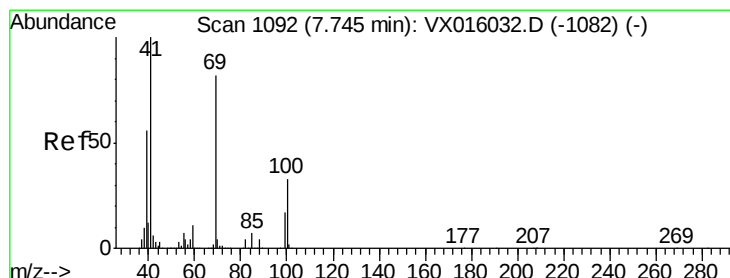
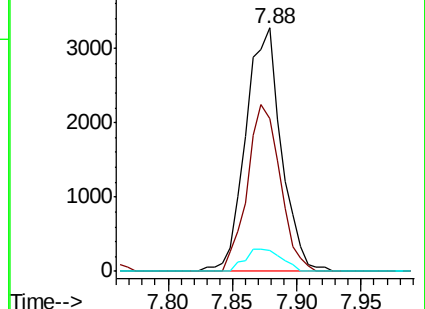
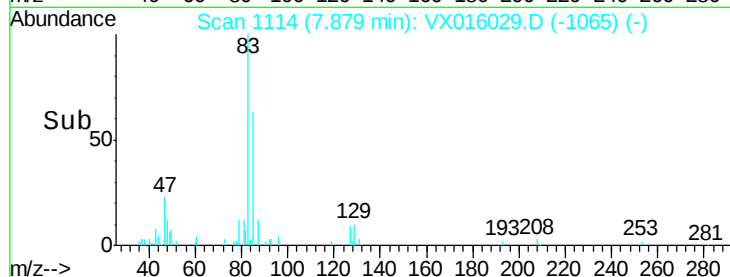
127 8.5 6.7 10.1



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 1.080 ug/l

RT: 7.74 min Scan# 1092

Delta R.T. -0.00 min

Lab File: VX016029.D

Acq: 04 May 2020 11:39

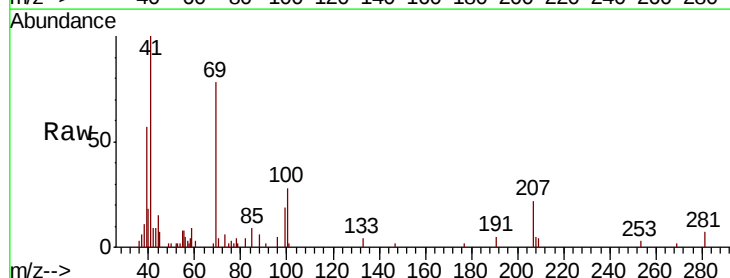
Tgt Ion: 41 Resp: 5399

Ion Ratio Lower Upper

41 100

69 80.6 67.8 101.6

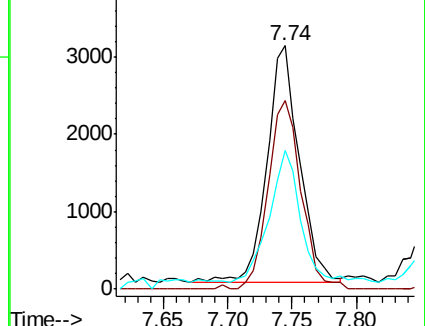
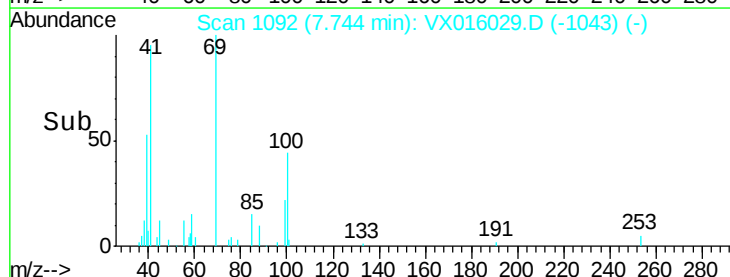
39 54.6 44.6 67.0

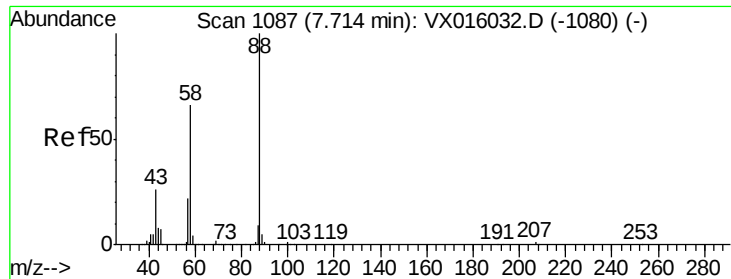


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

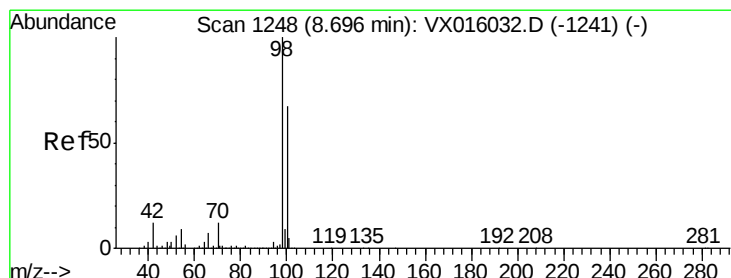
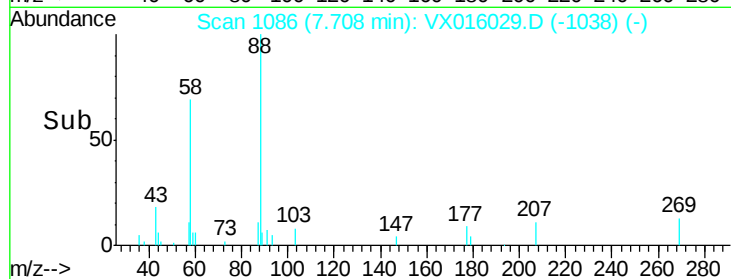
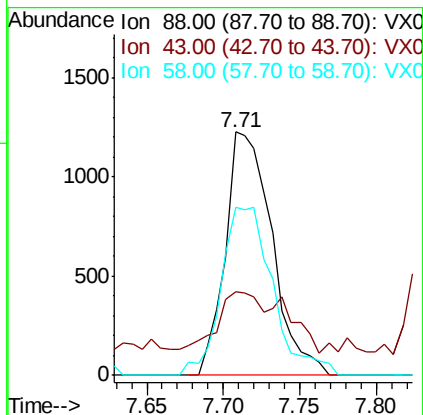
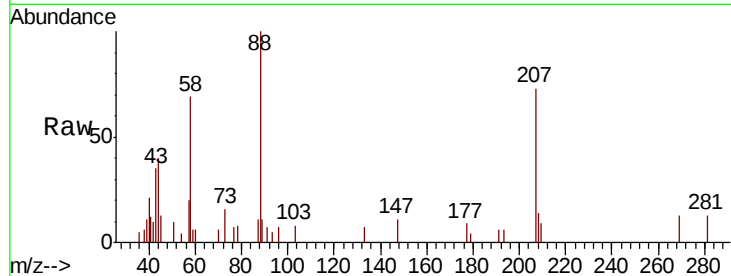




#49
1,4-Dioxane
Concen: 21.510 ug/l
RT: 7.71 min Scan# 1086
Delta R.T. -0.01 min
Lab File: VX016029.D
Acq: 04 May 2020 11:39

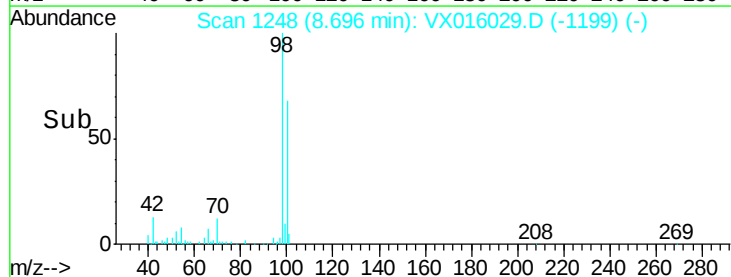
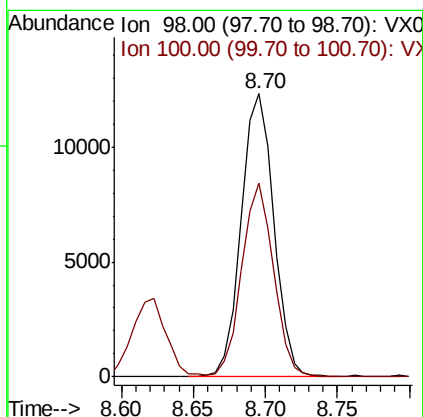
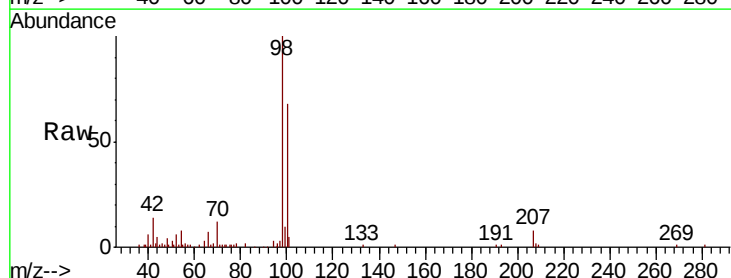
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

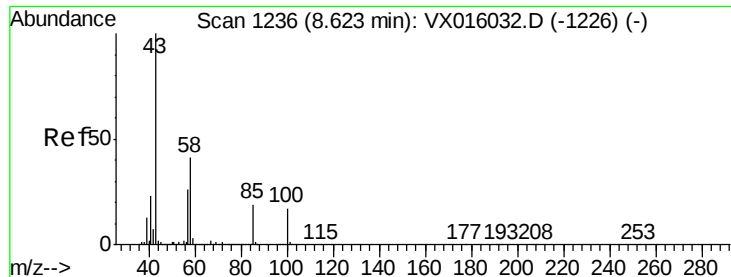
Tot Ion: 88 Resp: 2600
Ion Ratio Lower Upper
88 100
43 35.6 25.3 37.9
58 76.8 55.9 83.9



#50
Toluene-d8
Concen: 1.245 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VX016029.D
Acq: 04 May 2020 11:39

Tgt Ion: 98 Resp: 19256
Ion Ratio Lower Upper
98 100
100 66.7 53.7 80.5





#51

4-Methyl-2-Pentanone

Concen: 5.063 ug/l

RT: 8.62 min Scan# 1235

Delta R.T. -0.01 min

Lab File: VX016029.D

Acq: 04 May 2020 11:39

Instrument :

MSVOA_X

ClientSampleId :

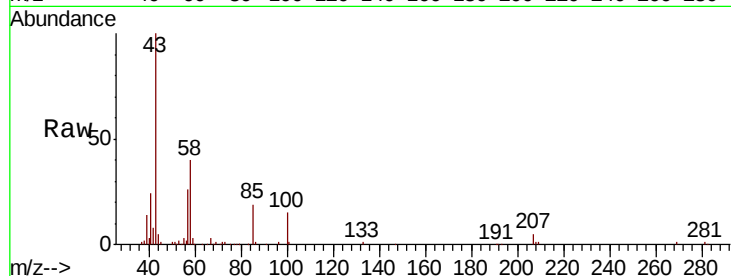
VSTDIC001

Tot Ion: 43 Resp: 32741

Ion Ratio Lower Upper

43 100

58 41.2 33.0 49.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

8.62

25000

20000

15000

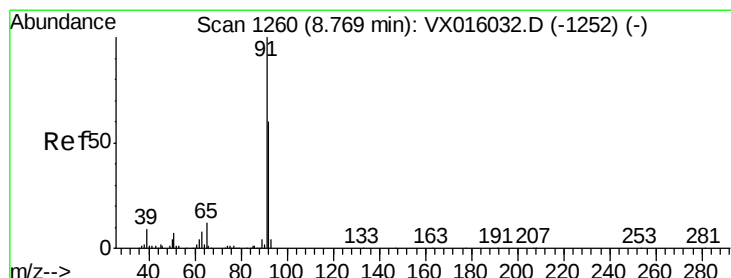
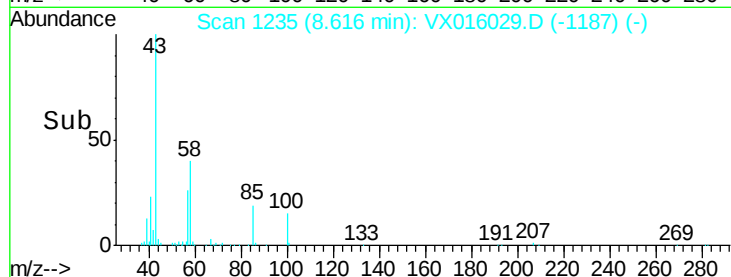
10000

5000

0

Time-->

8.55 8.60 8.65 8.70



#52

Toluene

Concen: 1.088 ug/l

RT: 8.76 min Scan# 1259

Delta R.T. -0.01 min

Lab File: VX016029.D

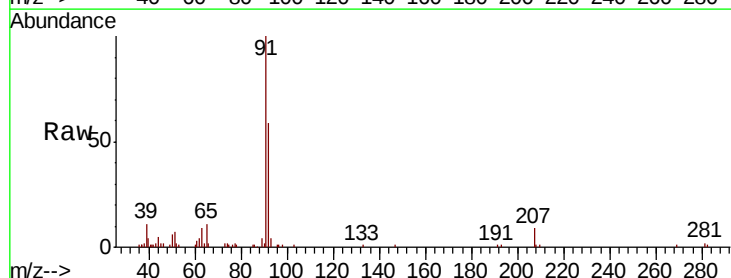
Acq: 04 May 2020 11:39

Tgt Ion: 92 Resp: 11496

Ion Ratio Lower Upper

92 100

91 172.4 134.5 201.7



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

8.76

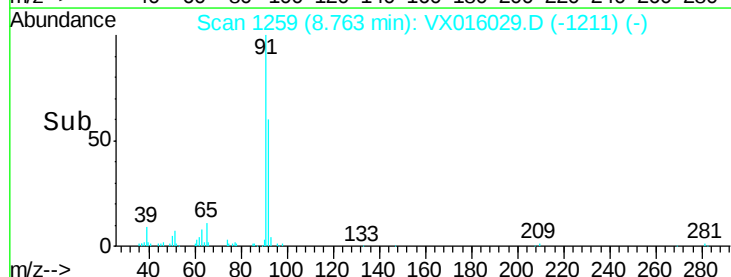
10000

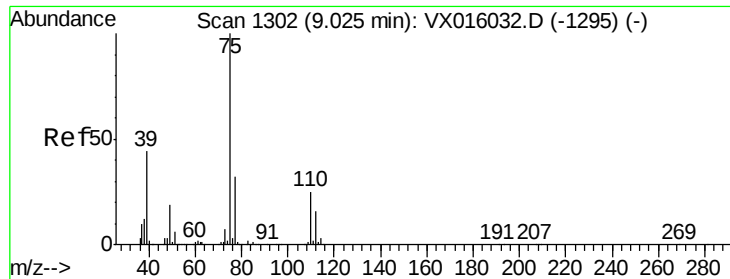
5000

0

Time-->

8.70 8.75 8.80





#53

t-1,3-Dichloropropene

Concen: 1.115 ug/l

RT: 9.02 min Scan# 1301

Delta R.T. -0.01 min

Lab File: VX016029.D

Acq: 04 May 2020 11:39

Instrument :

MSVOA_X

ClientSampleId :

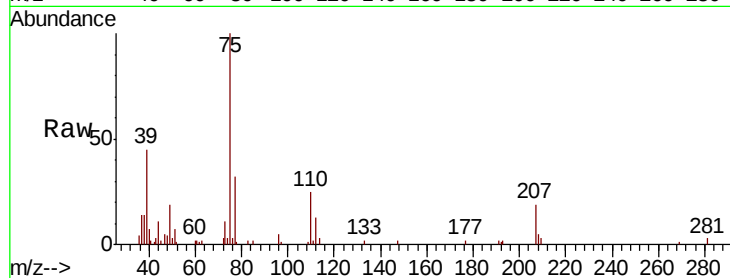
VSTDIC001

Tot Ion: 75 Resp: 7849

Ion Ratio Lower Upper

75 100

77 30.1 25.7 38.5



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

9.02

6000

5000

4000

3000

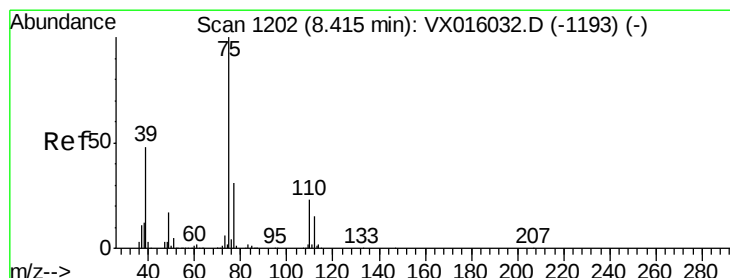
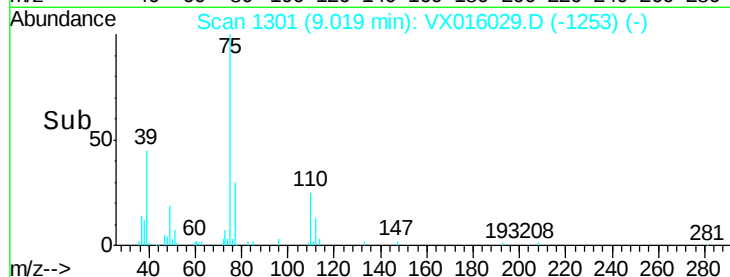
2000

1000

0

8.95 9.00 9.05 9.10

Time-->



#54

cis-1,3-Dichloropropene

Concen: 1.098 ug/l

RT: 8.42 min Scan# 1202

Delta R.T. -0.00 min

Lab File: VX016029.D

Acq: 04 May 2020 11:39

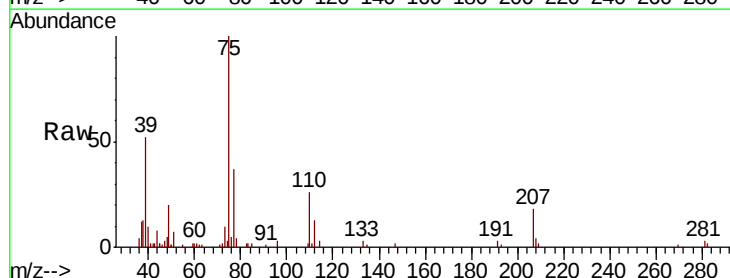
Tgt Ion: 75 Resp: 8121

Ion Ratio Lower Upper

75 100

77 35.6 24.7 37.1

39 49.3 38.7 58.1



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

8.42

6000

5000

4000

3000

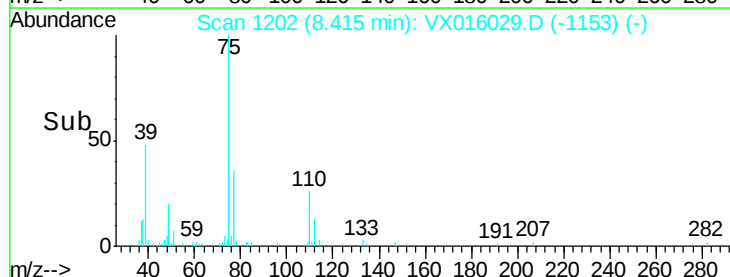
2000

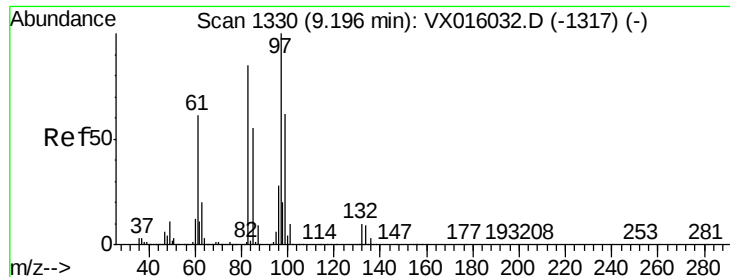
1000

0

8.30 8.35 8.40 8.45 8.50

Time-->





#55

1,1,2-Trichloroethane

Concen: 1.062 ug/l

RT: 9.20 min Scan# 1331

Delta R.T. 0.01 min

Lab File: VX016029.D

Acq: 04 May 2020 11:39

Instrument :

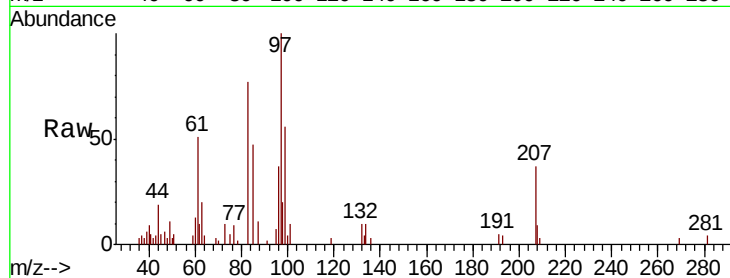
MSVOA_X

ClientSampleId :

VSTDIC001

Tot Ion: 97 Resp: 4387

Ion	Ratio	Lower	Upper
97	100		
83	77.4	67.8	101.8
85	47.1	43.8	65.8
99	56.3	49.4	74.0



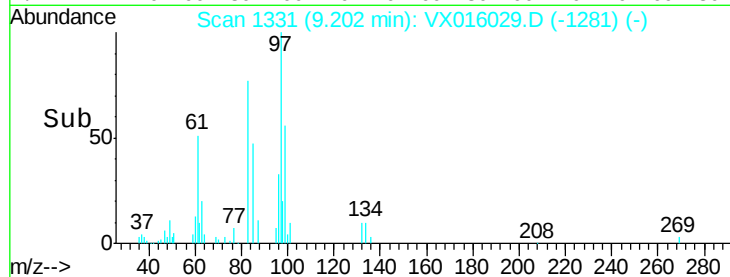
Abundance

Ion 96.90 (96.60 to 97.60): VX0

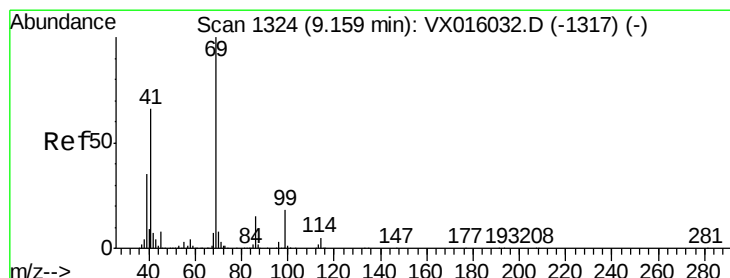
Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0



Time-->



#56

Ethyl methacrylate

Concen: 1.006 ug/l

RT: 9.16 min Scan# 1324

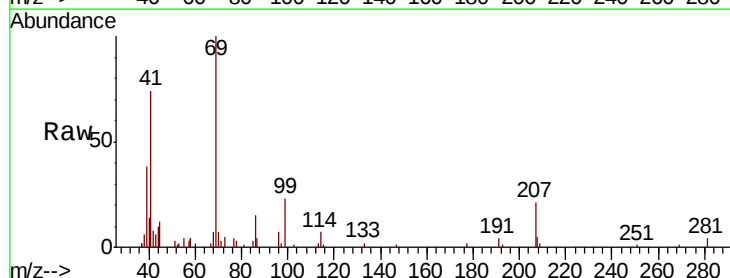
Delta R.T. -0.00 min

Lab File: VX016029.D

Acq: 04 May 2020 11:39

Tgt Ion: 69 Resp: 6575

Ion	Ratio	Lower	Upper
69	100		
41	67.1	52.2	78.4
39	35.6	28.2	42.4

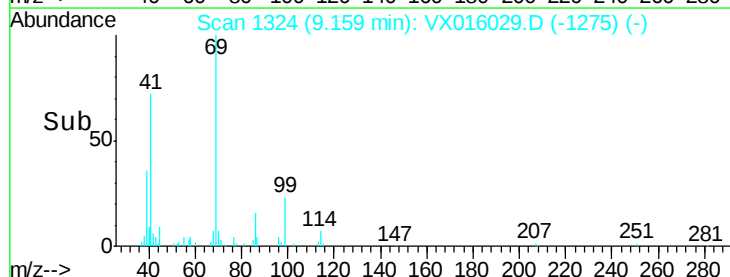


Abundance

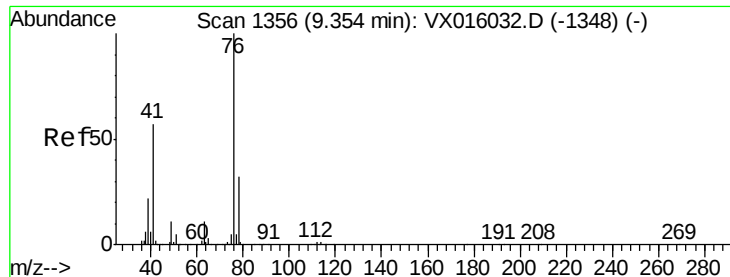
Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0



Time-->



#57

1,3-Dichloropropane

Concen: 1.088 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. -0.00 min

Lab File: VX016029.D

Acq: 04 May 2020 11:39

Instrument :

MSVOA_X

ClientSampleId :

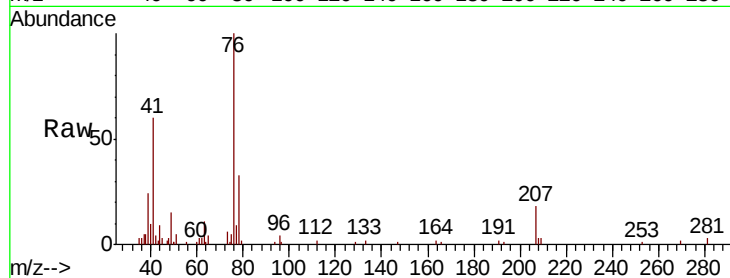
VSTDIC001

Tot Ion: 76 Resp: 7921

Ion Ratio Lower Upper

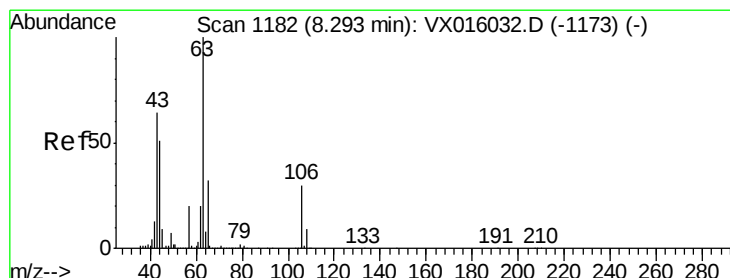
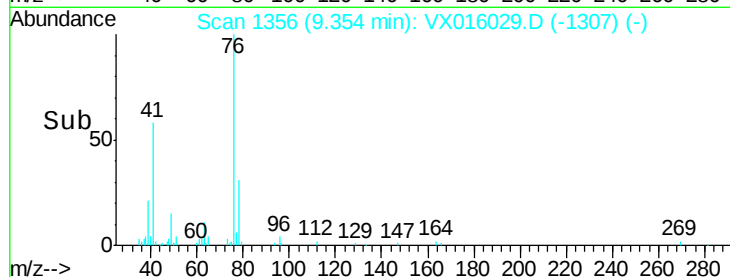
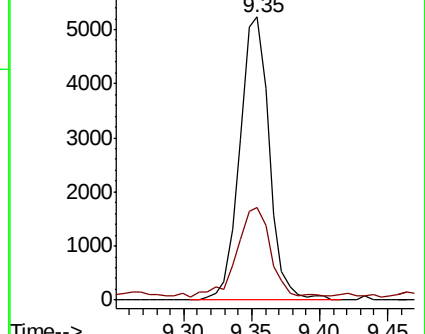
76 100

78 35.4 25.9 38.9



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 5.356 ug/l

RT: 8.29 min Scan# 1181

Delta R.T. -0.01 min

Lab File: VX016029.D

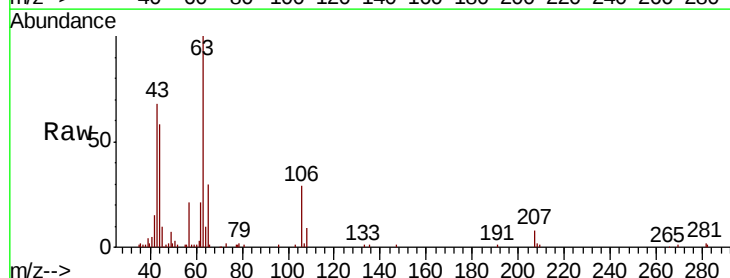
Acq: 04 May 2020 11:39

Tgt Ion: 63 Resp: 19063

Ion Ratio Lower Upper

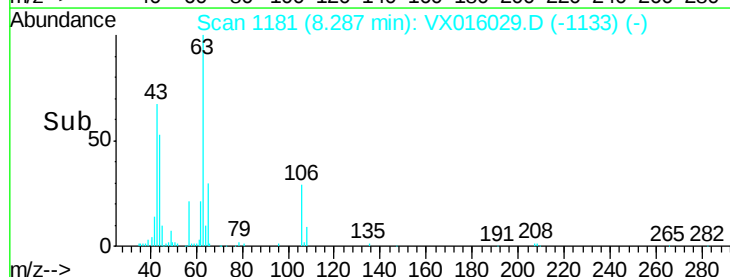
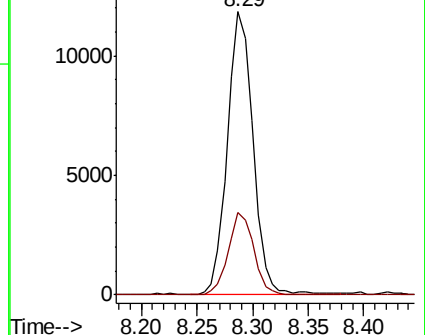
63 100

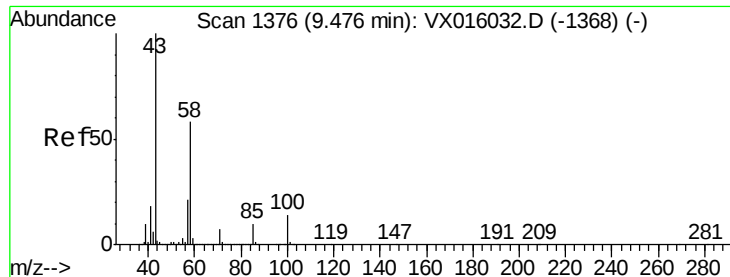
106 28.6 23.4 35.2



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

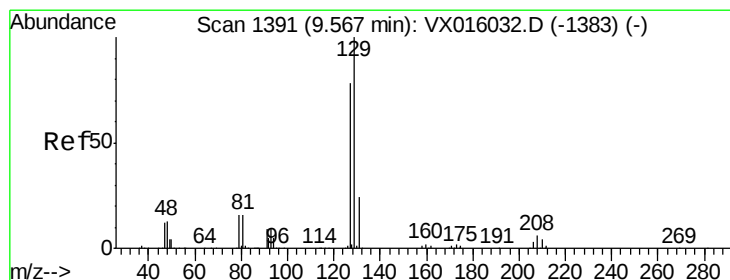
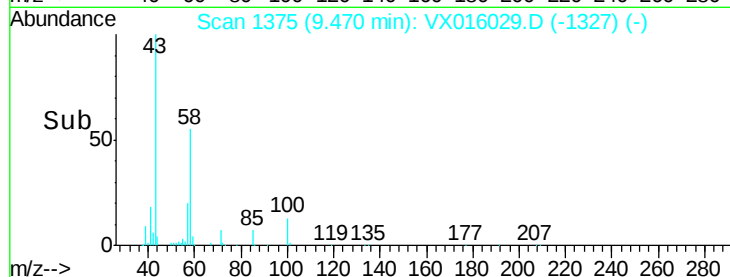
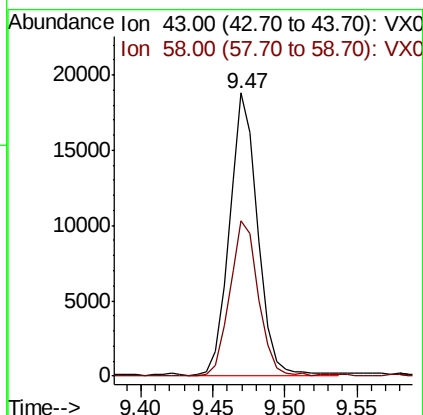
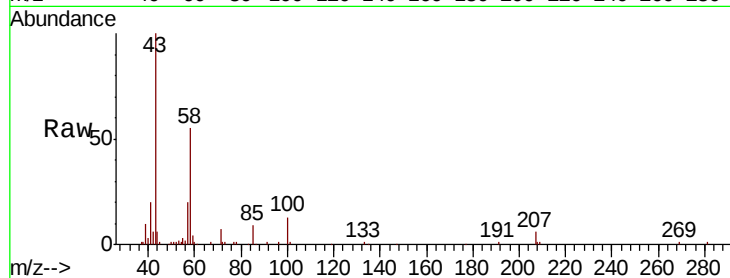




#59
2-Hexanone
Concen: 5.122 ug/l
RT: 9.47 min Scan# 1375
Delta R.T. -0.01 min
Lab File: VX016029.D
Acq: 04 May 2020 11:39

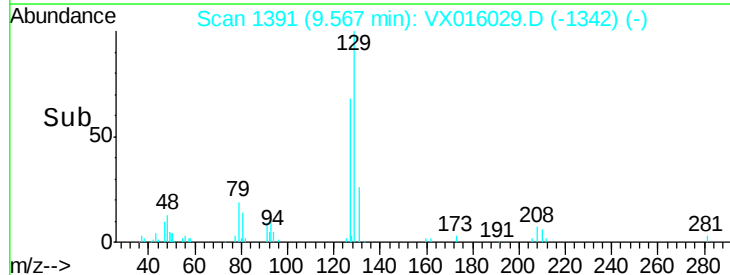
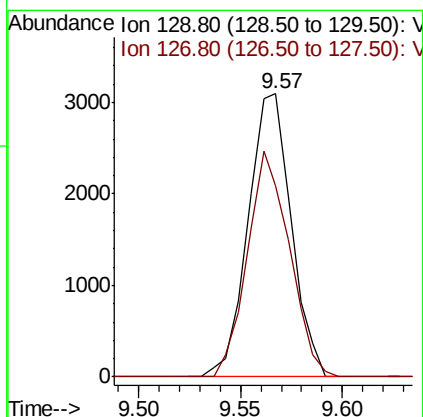
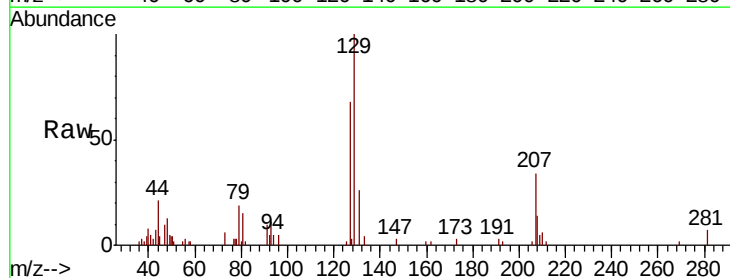
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

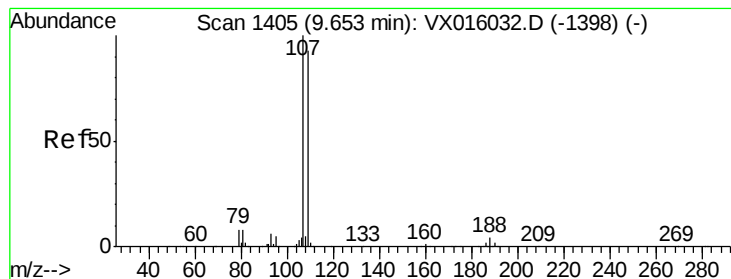
Tot Ion: 43 Resp: 25956
Ion Ratio Lower Upper
43 100
58 55.2 28.6 85.9



#60
Dibromochloromethane
Concen: 1.022 ug/l
RT: 9.57 min Scan# 1391
Delta R.T. -0.00 min
Lab File: VX016029.D
Acq: 04 May 2020 11:39

Tgt Ion: 129 Resp: 4549
Ion Ratio Lower Upper
129 100
127 78.0 38.4 115.2





#61

1,2-Dibromoethane

Concen: 1.050 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. -0.00 min

Lab File: VX016029.D

Acq: 04 May 2020 11:39

Instrument :

MSVOA_X

ClientSampleId :

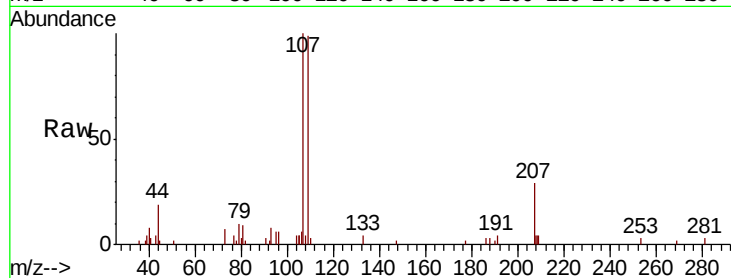
VSTDIC001

Tot Ion:107 Resp: 4689

Ion Ratio Lower Upper

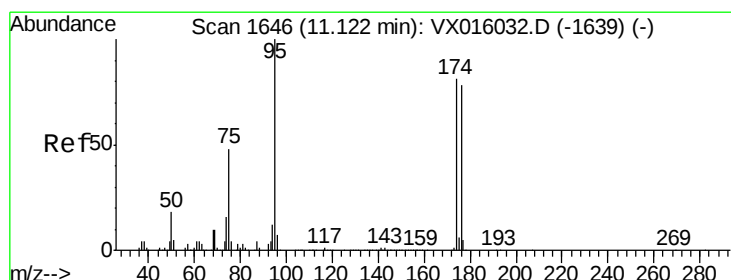
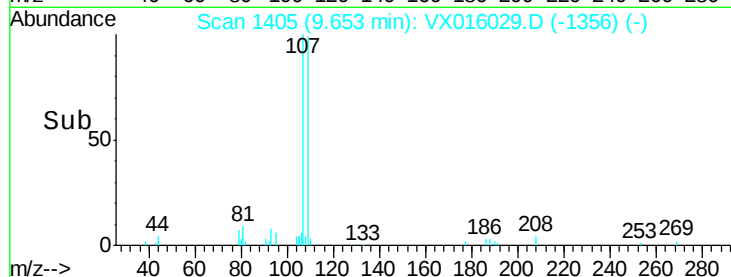
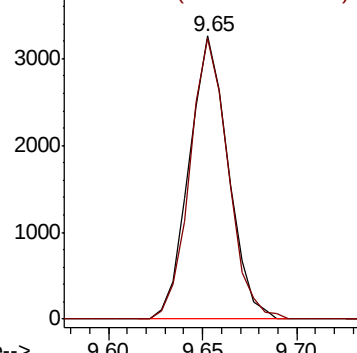
107 100

109 97.1 74.9 112.3



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 1.167 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX016029.D

Acq: 04 May 2020 11:39

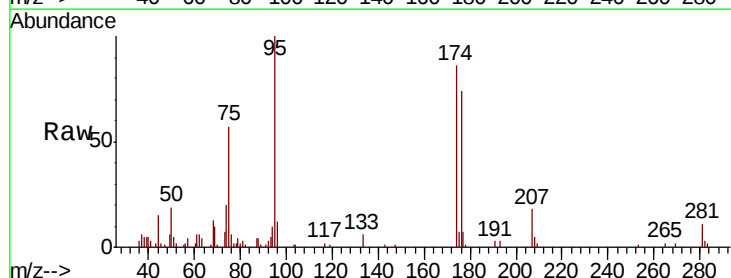
Tgt Ion: 95 Resp: 6480

Ion Ratio Lower Upper

95 100

174 76.9 0.0 159.4

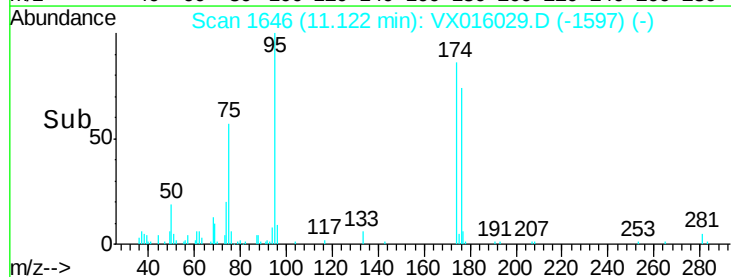
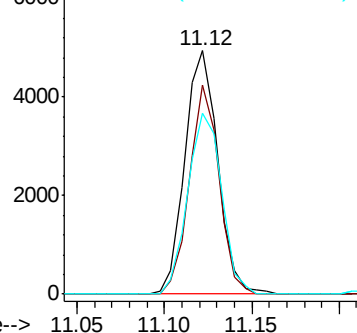
176 76.1 0.0 157.6

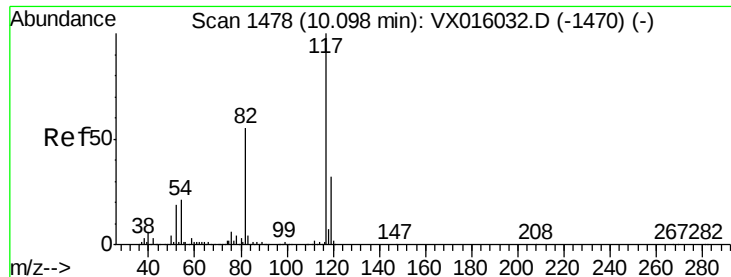


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.10 min Scan# 1478

Delta R.T. -0.00 min

Lab File: VX016029.D

Acq: 04 May 2020 11:39

Instrument :

MSVOA_X

ClientSampled :

VSTDIC001

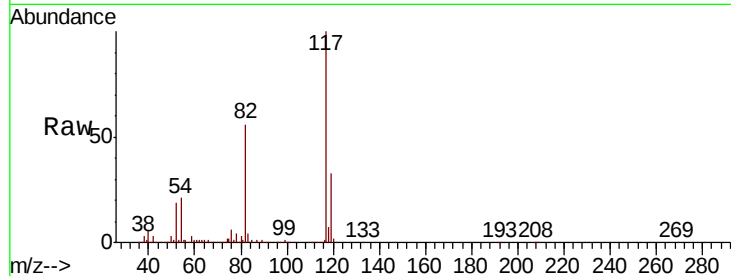
Tot Ion:117 Resp: 532938

Ion Ratio Lower Upper

117 100

82 55.6 44.4 66.6

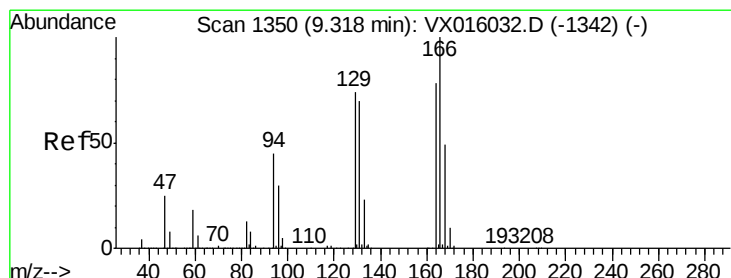
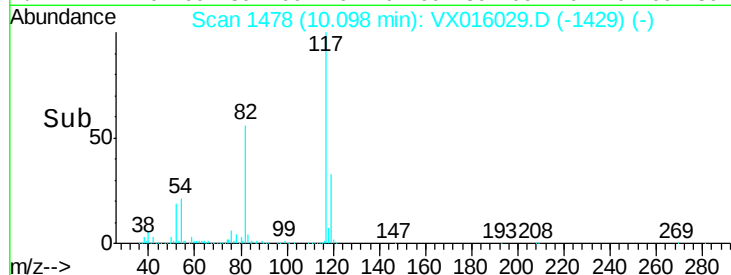
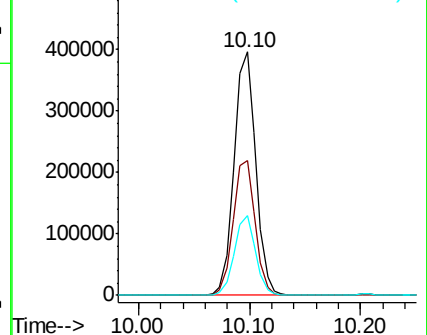
119 32.5 25.5 38.3



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V



#64

Tetrachloroethene

Concen: 1.128 ug/l

RT: 9.32 min Scan# 1350

Delta R.T. -0.00 min

Lab File: VX016029.D

Acq: 04 May 2020 11:39

Tgt Ion:164 Resp: 7635

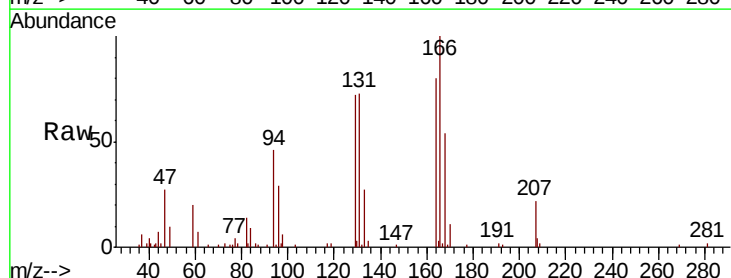
Ion Ratio Lower Upper

164 100

166 125.6 102.9 154.3

129 89.8 76.1 114.1

131 91.2 71.9 107.9

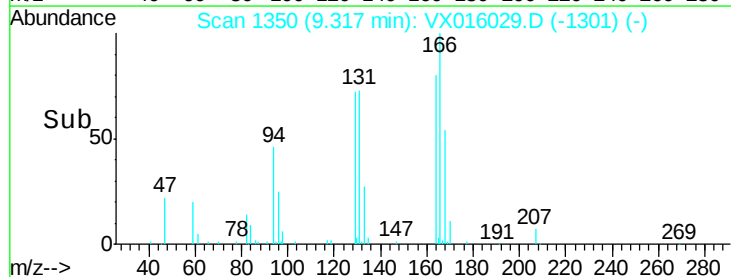
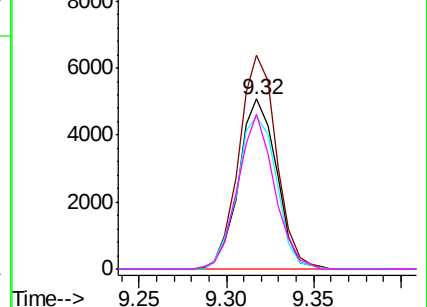


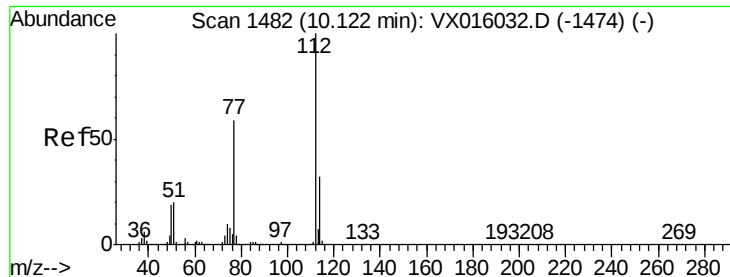
Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V





#65

Chlorobenzene

Concen: 1.118 ug/l

RT: 10.12 min Scan# 1482

Delta R.T. -0.00 min

Lab File: VX016029.D

Acq: 04 May 2020 11:39

Instrument :

MSVOA_X

ClientSampled :

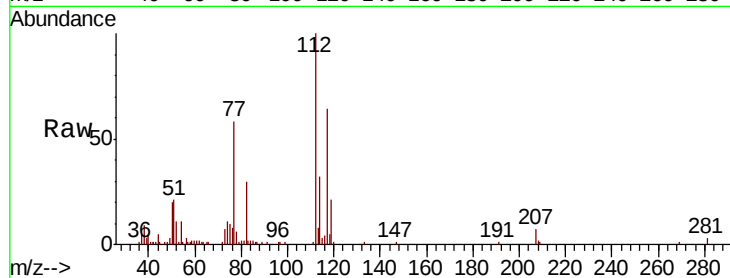
VSTDIC001

Tot Ion:112 Resp: 12633

Ion Ratio Lower Upper

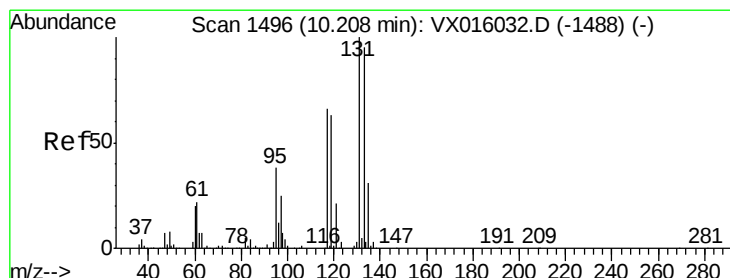
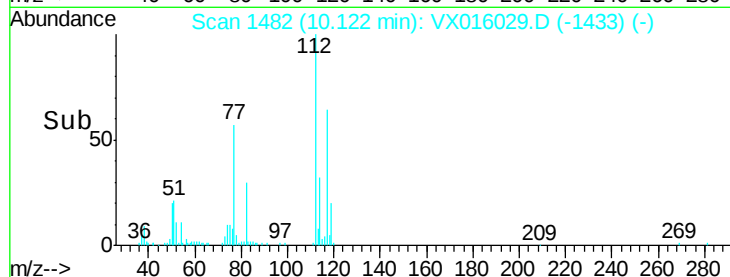
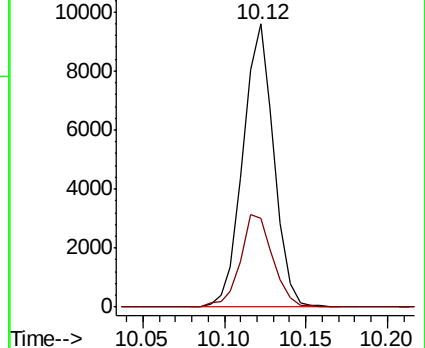
112 100

114 31.5 25.7 38.5



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 1.062 ug/l

RT: 10.20 min Scan# 1495

Delta R.T. -0.01 min

Lab File: VX016029.D

Acq: 04 May 2020 11:39

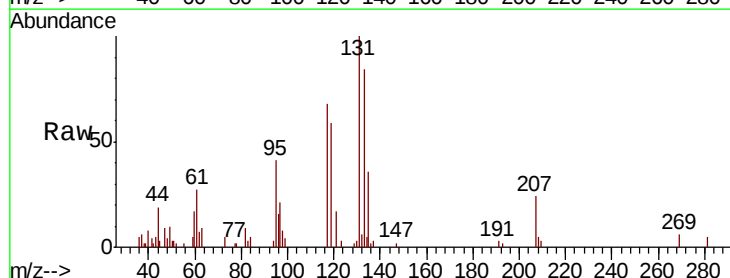
Tgt Ion:131 Resp: 4366

Ion Ratio Lower Upper

131 100

133 92.0 48.3 144.8

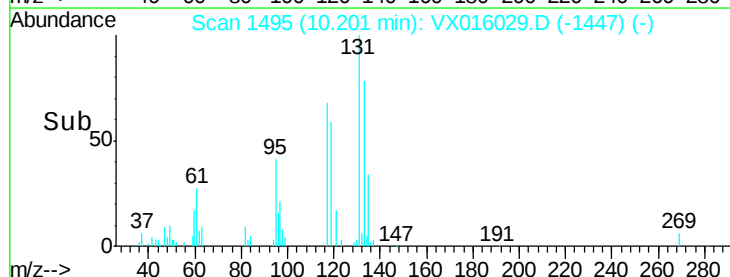
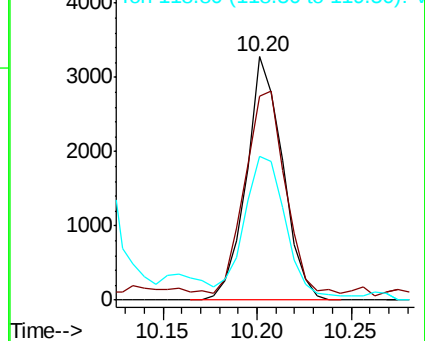
119 0.0 32.3 96.9#

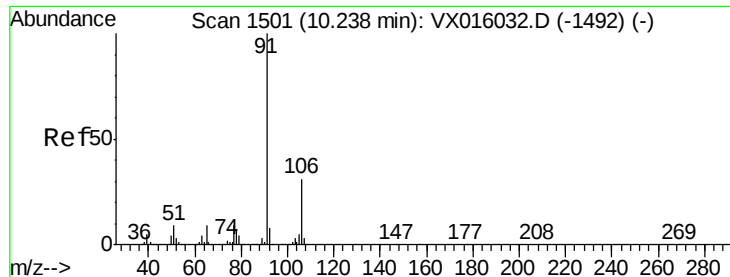


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





#67

Ethyl Benzene

Concen: 1.089 ug/l

RT: 10.24 min Scan# 1501

Delta R.T. -0.00 min

Lab File: VX016029.D

Acq: 04 May 2020 11:39

Instrument :

MSVOA_X

ClientSampleId :

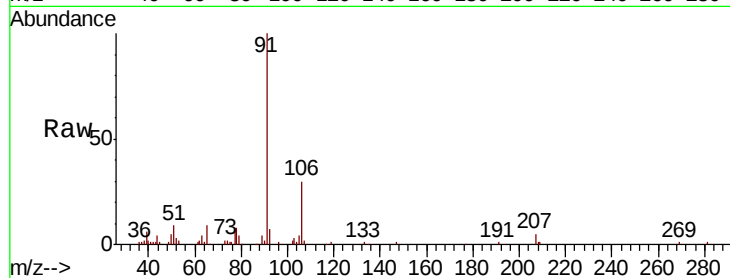
VSTDIC001

Tot Ion: 91 Resp: 21899

Ion Ratio Lower Upper

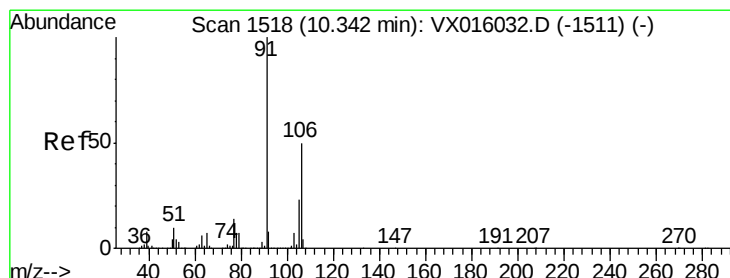
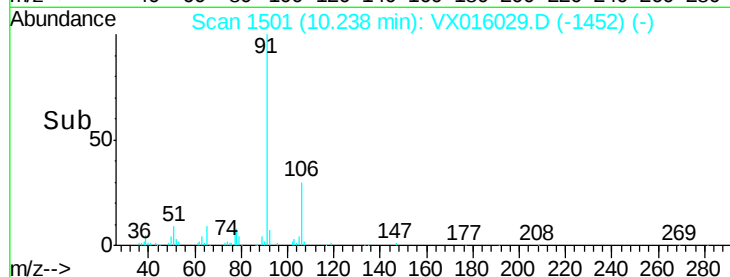
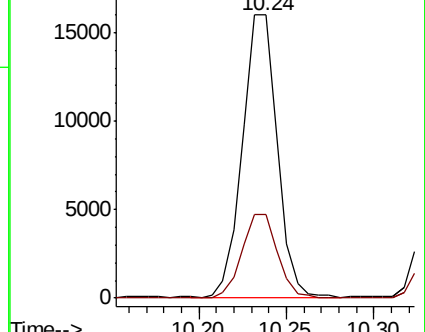
91 100

106 29.8 25.1 37.7



Abundance Ion 91.00 (90.70 to 91.70): VX016029.D (-1452) (-)

Ion 106.00 (105.70 to 106.70): VX016029.D (-1452) (-)



#68

m/p-Xylenes

Concen: 2.141 ug/l

RT: 10.34 min Scan# 1518

Delta R.T. -0.00 min

Lab File: VX016029.D

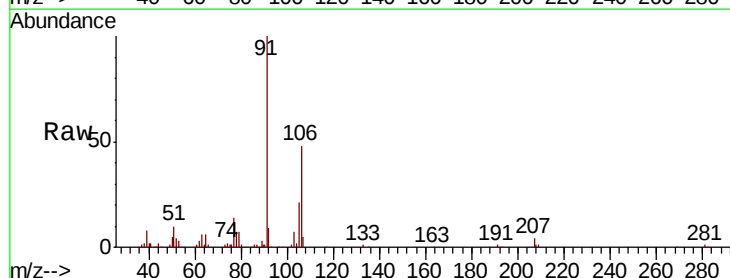
Acq: 04 May 2020 11:39

Tgt Ion: 106 Resp: 15987

Ion Ratio Lower Upper

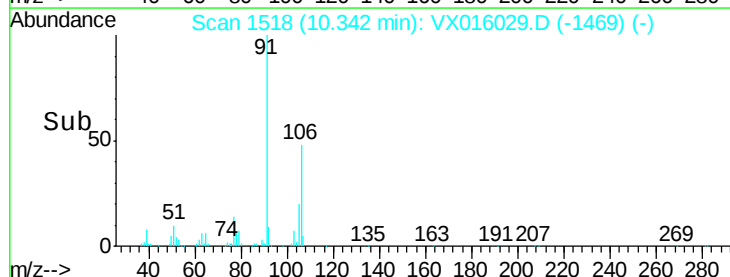
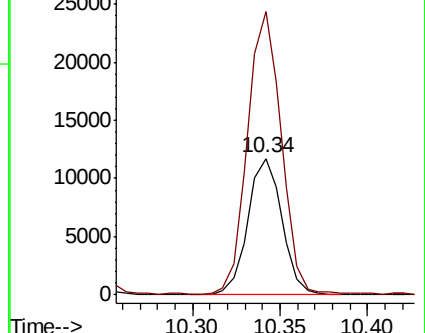
106 100

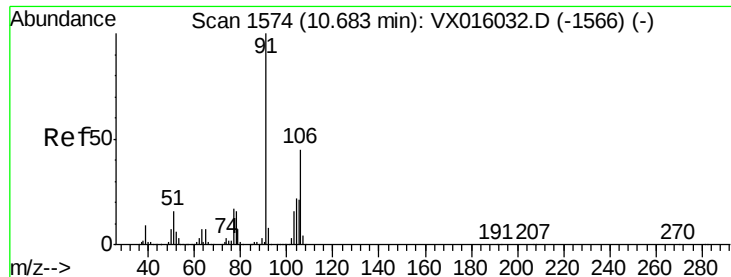
91 204.3 161.7 242.5



Abundance Ion 106.00 (105.70 to 106.70): VX016029.D (-1469) (-)

Ion 91.00 (90.70 to 91.70): VX016029.D (-1469) (-)

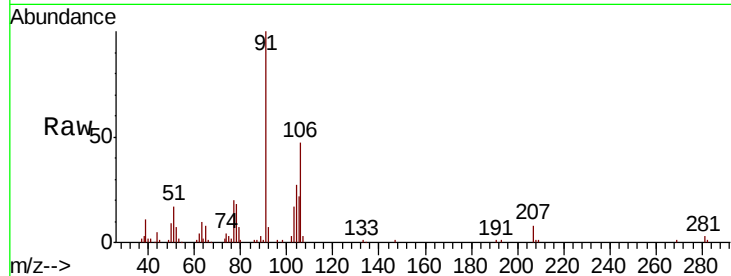




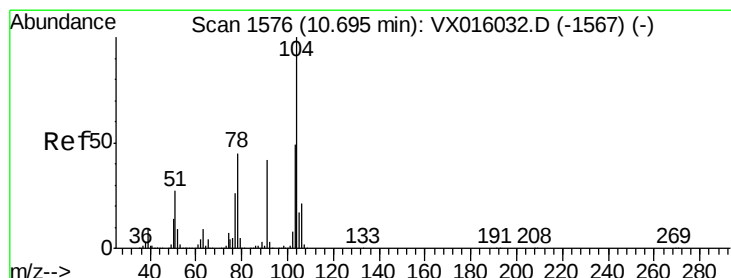
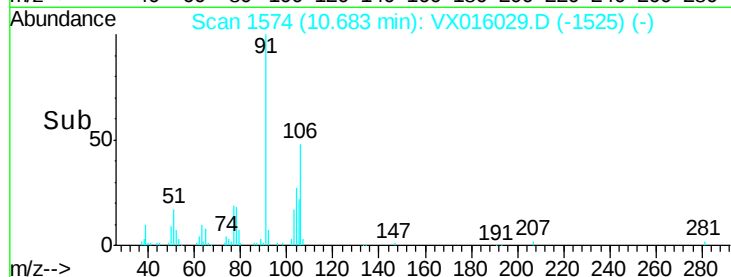
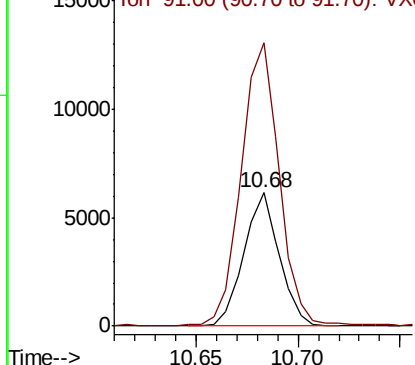
#69
o-Xylene
Concen: 1.036 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX016029.D
Acq: 04 May 2020 11:39

Instrument :
MSVOA_X
ClientSampled :
VSTDIC001

Tot Ion:106 Resp: 7400
Ion Ratio Lower Upper
106 100
91 230.4 107.5 322.6

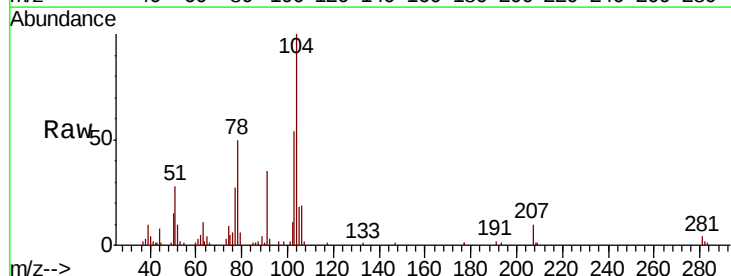


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

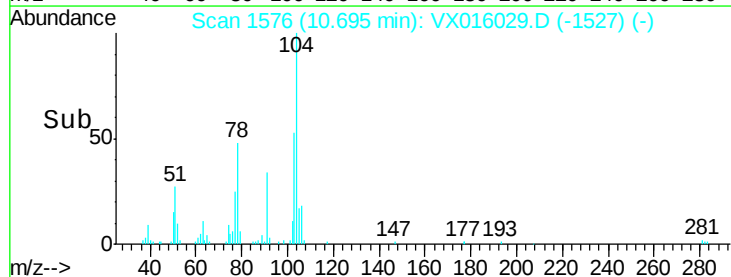
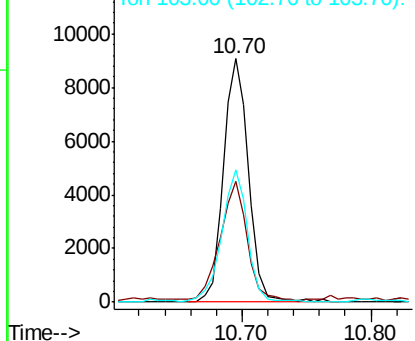


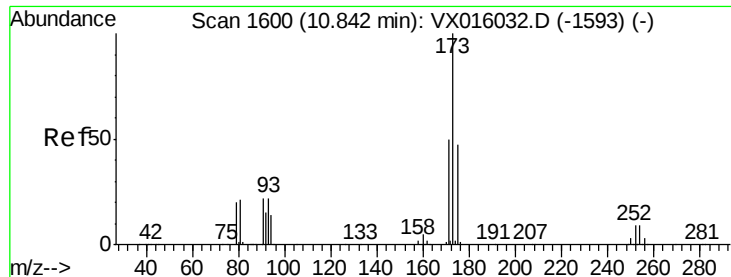
#70
Styrene
Concen: 1.041 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX016029.D
Acq: 04 May 2020 11:39

Tgt Ion:104 Resp: 12389
Ion Ratio Lower Upper
104 100
78 54.8 40.2 60.2
103 56.7 43.0 64.6



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VX0
Ion 103.00 (102.70 to 103.70): V





#71

Bromoform

Concen: 0.988 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VX016029.D

Acq: 04 May 2020 11:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

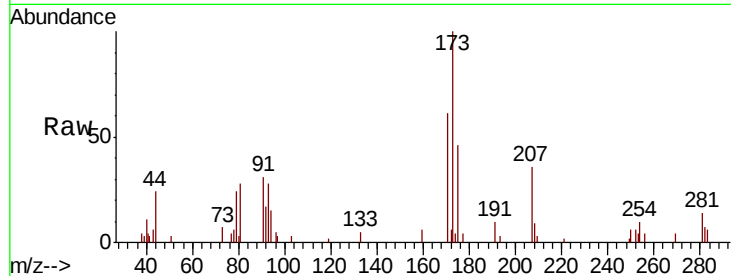
Tot Ion:173 Resp: 3162

Ion Ratio Lower Upper

173 100

175 46.2 24.0 72.0

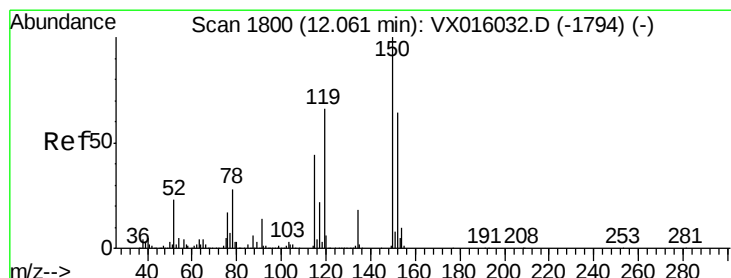
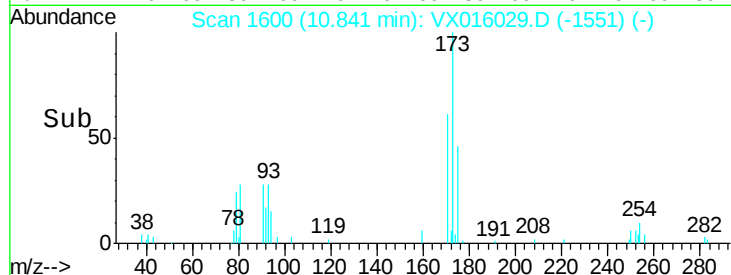
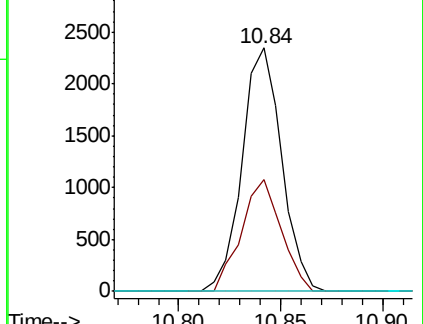
254 0.0 0.1 0.1#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VX016029.D

Acq: 04 May 2020 11:39

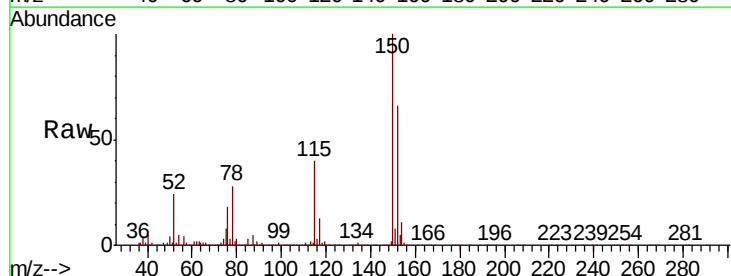
Tgt Ion:152 Resp: 255140

Ion Ratio Lower Upper

152 100

115 59.4 41.3 124.1

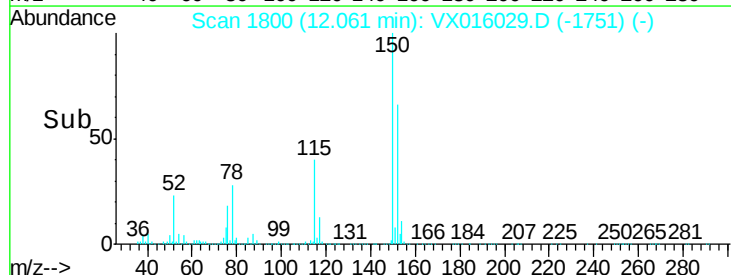
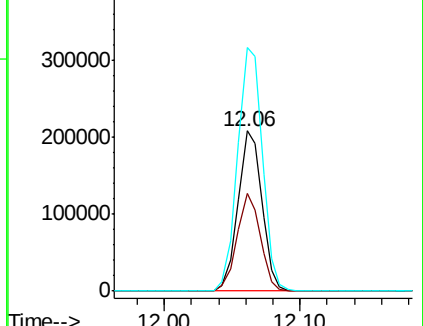
150 157.3 0.0 352.2

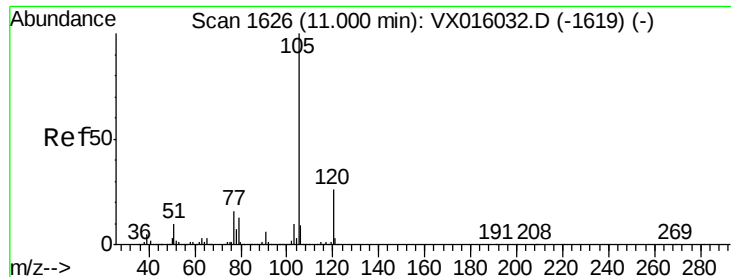


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 1.070 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.00 min

Lab File: VX016029.D

Acq: 04 May 2020 11:39

Instrument :

MSVOA_X

ClientSampleId :

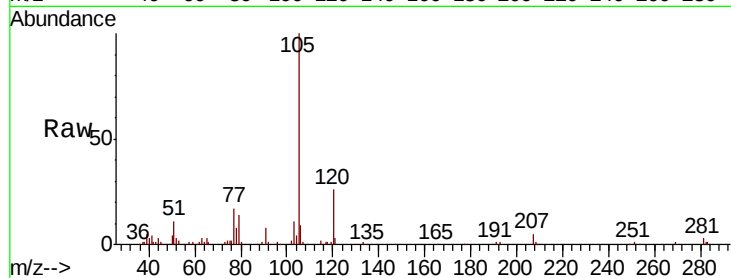
VSTDIC001

Tot Ion:105 Resp: 20282

Ion Ratio Lower Upper

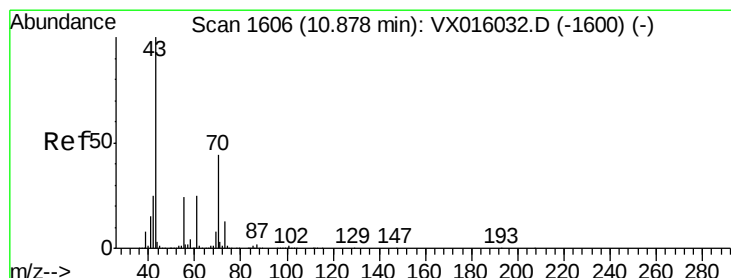
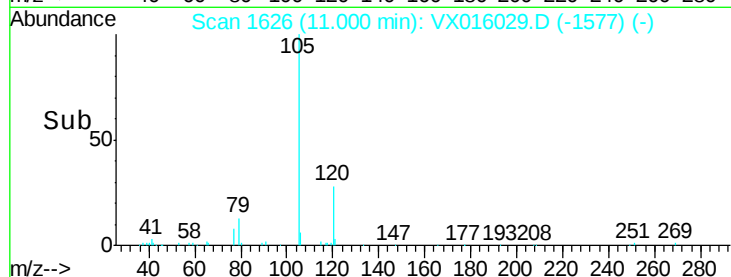
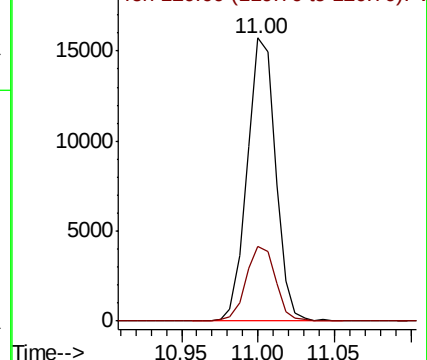
105 100

120 27.3 13.4 40.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 1.069 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. -0.00 min

Lab File: VX016029.D

Acq: 04 May 2020 11:39

Tgt Ion: 43 Resp: 9262

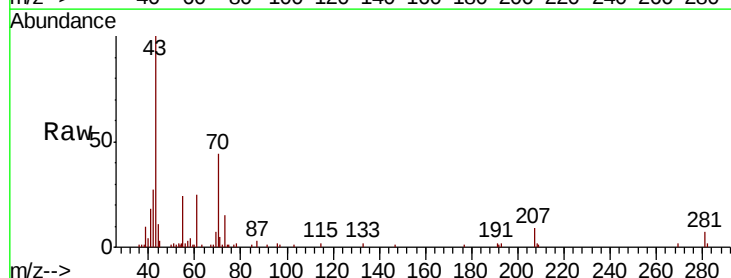
Ion Ratio Lower Upper

43 100

70 44.1 36.5 54.7

55 25.4 19.7 29.5

61 25.2 20.9 31.3

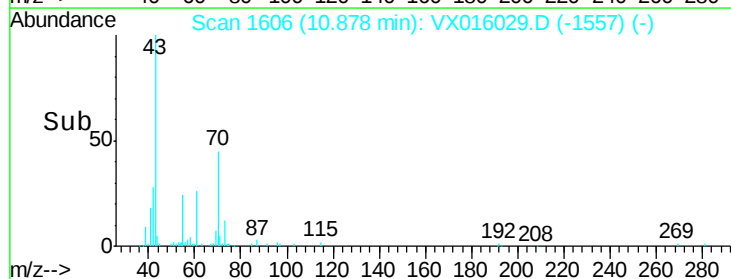
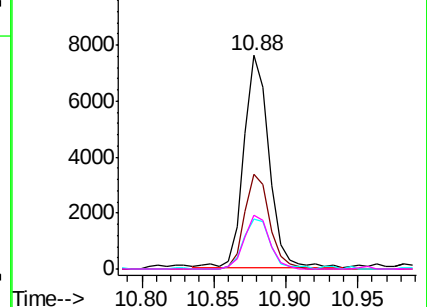


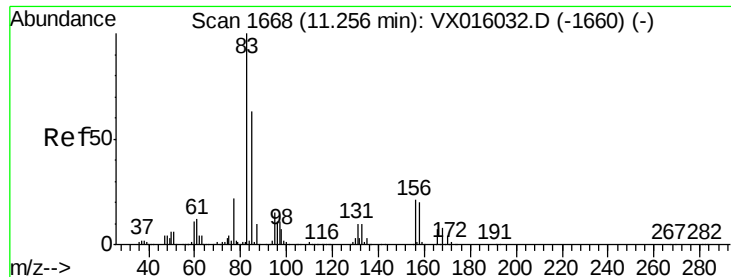
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 0.783 ug/l

RT: 11.26 min Scan# 1668

Delta R.T. -0.00 min

Lab File: VX016029.D

Acq: 04 May 2020 11:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

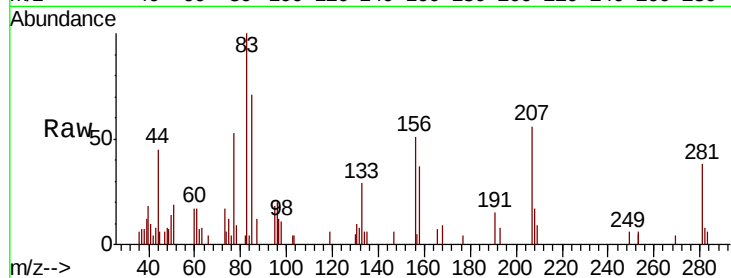
Tot Ion: 83 Resp: 2166

Ion Ratio Lower Upper

83 100

131 13.3 5.1 15.4

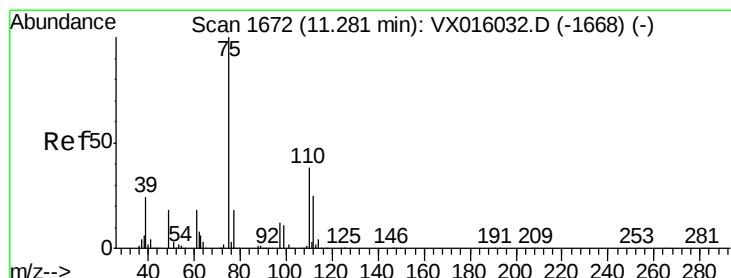
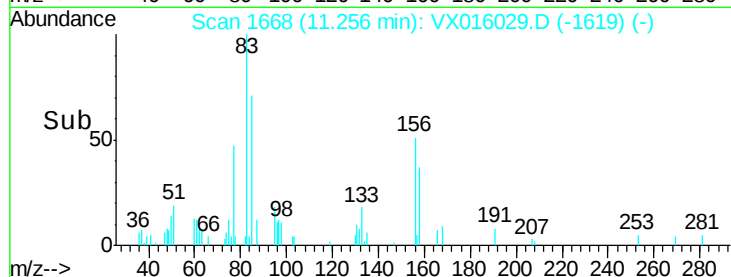
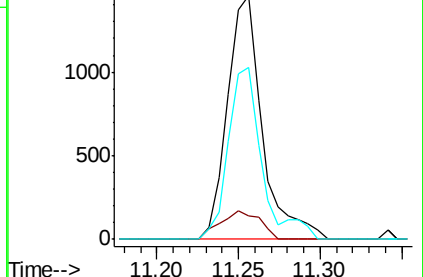
85 67.8 32.0 96.0



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 1.183 ug/l

RT: 11.28 min Scan# 1672

Delta R.T. -0.00 min

Lab File: VX016029.D

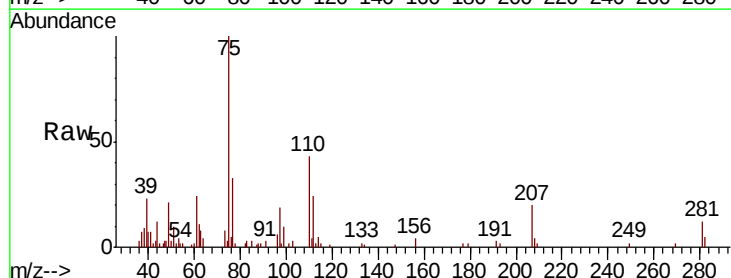
Acq: 04 May 2020 11:39

Tgt Ion: 75 Resp: 8815

Ion Ratio Lower Upper

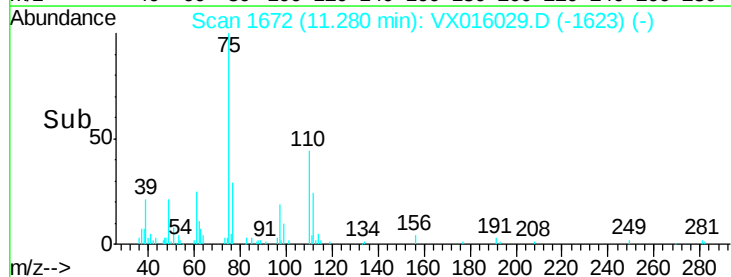
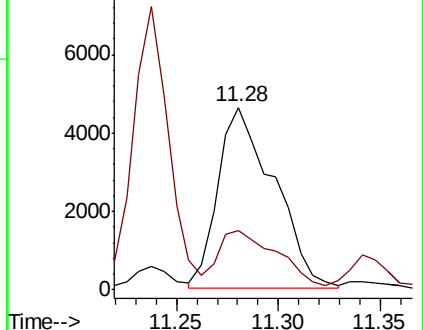
75 100

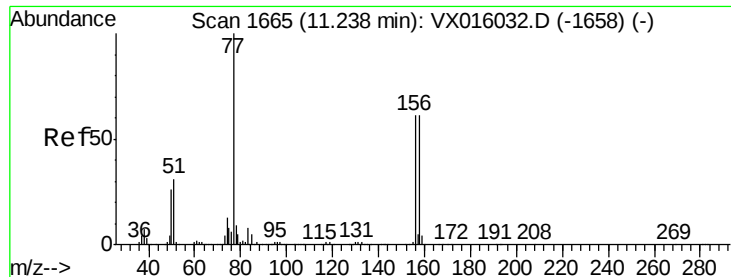
77 32.5 21.2 63.6



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 1.169 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX016029.D

Acq: 04 May 2020 11:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

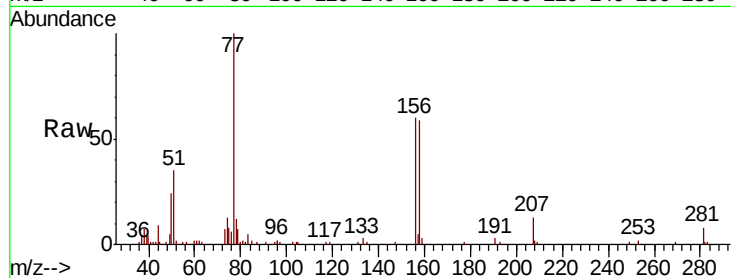
Tot Ion:156 Resp: 5726

Ion Ratio Lower Upper

156 100

77 153.0 80.1 240.3

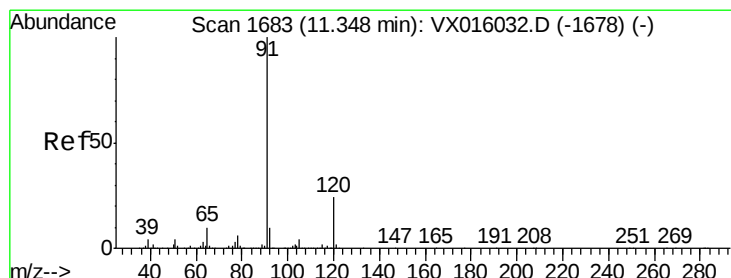
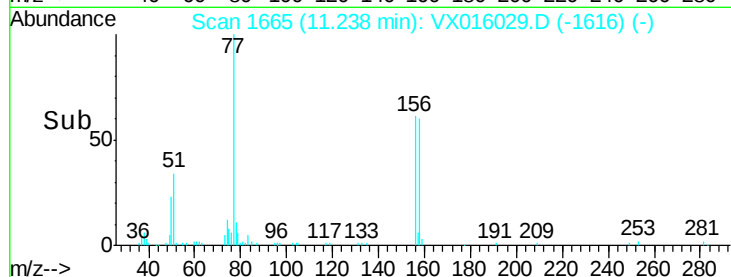
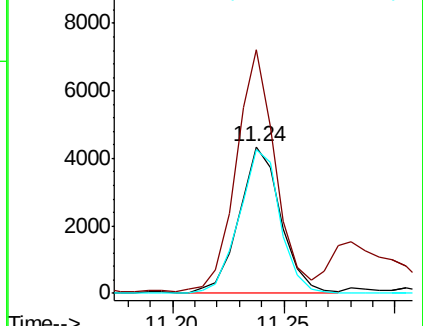
158 95.4 49.4 148.2



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 1.121 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. -0.01 min

Lab File: VX016029.D

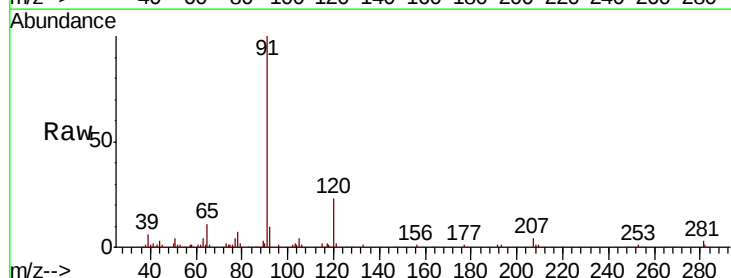
Acq: 04 May 2020 11:39

Tgt Ion: 91 Resp: 24654

Ion Ratio Lower Upper

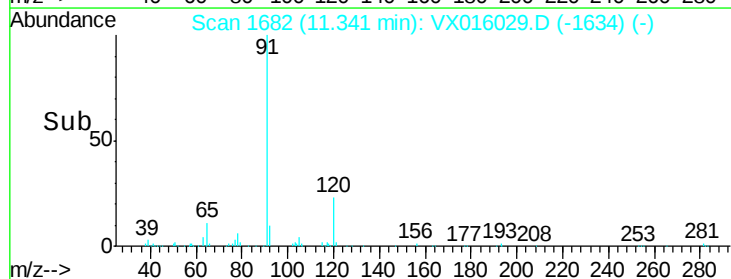
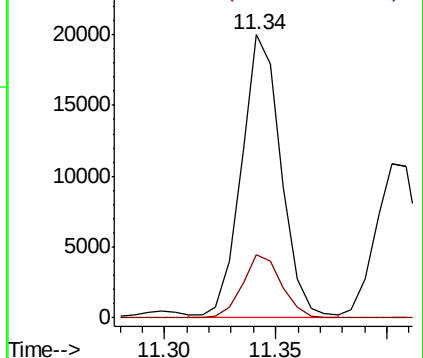
91 100

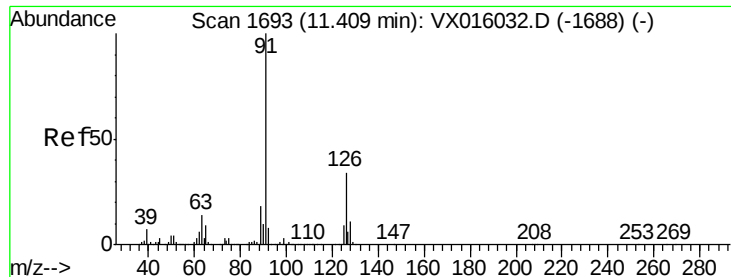
120 22.1 11.5 34.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 1.120 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. -0.01 min

Lab File: VX016029.D

Acq: 04 May 2020 11:39

Instrument :

MSVOA_X

ClientSampleId :

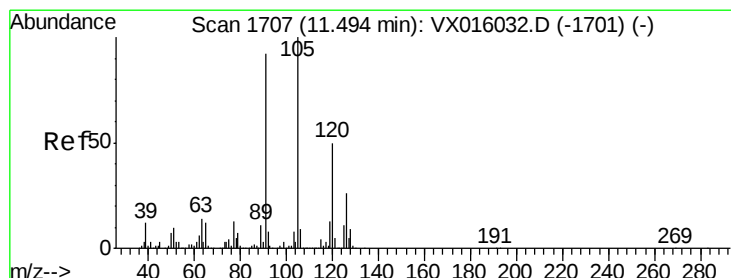
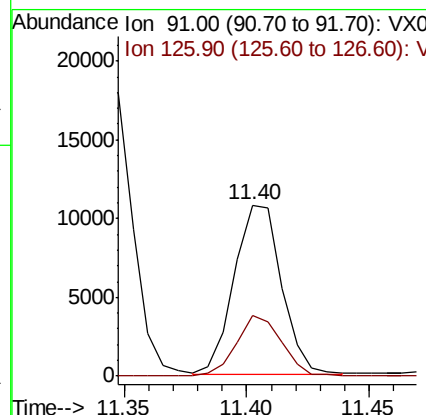
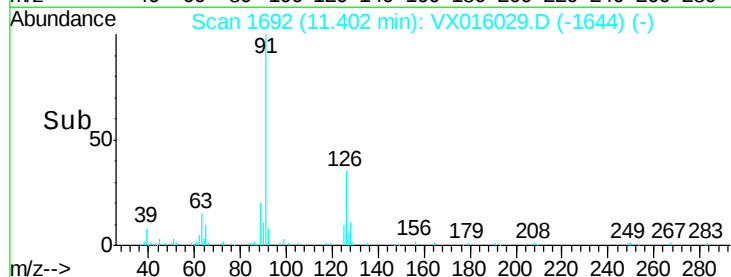
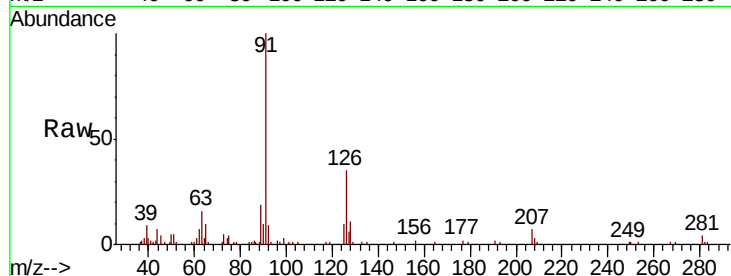
VSTDIC001

Tot Ion: 91 Resp: 14559

Ion Ratio Lower Upper

91 100

126 34.1 16.9 50.6



#80

1,3,5-Trimethylbenzene

Concen: 1.094 ug/l

RT: 11.49 min Scan# 1706

Delta R.T. -0.01 min

Lab File: VX016029.D

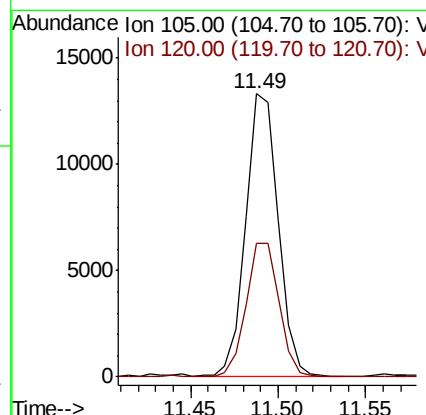
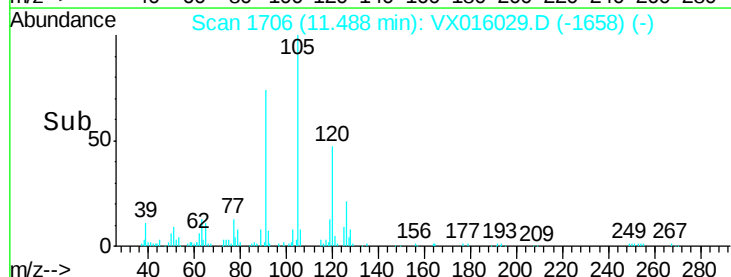
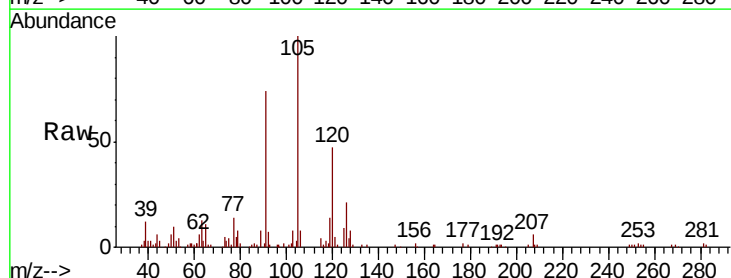
Acq: 04 May 2020 11:39

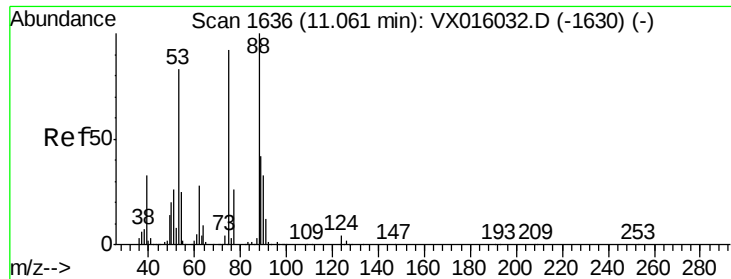
Tgt Ion: 105 Resp: 17259

Ion Ratio Lower Upper

105 100

120 47.8 24.6 74.0





#81

trans-1,4-Dichloro-2-butene

Concen: 1.039 ug/l

RT: 11.05 min Scan# 1635

Delta R.T. -0.01 min

Lab File: VX016029.D

Acq: 04 May 2020 11:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

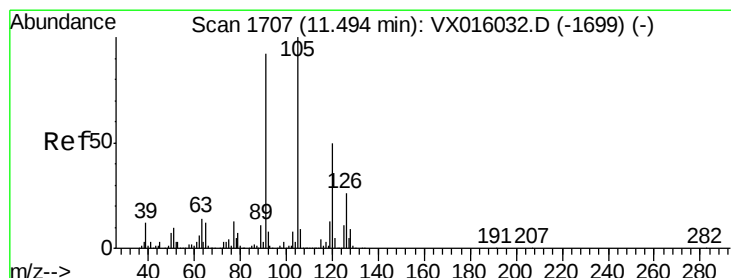
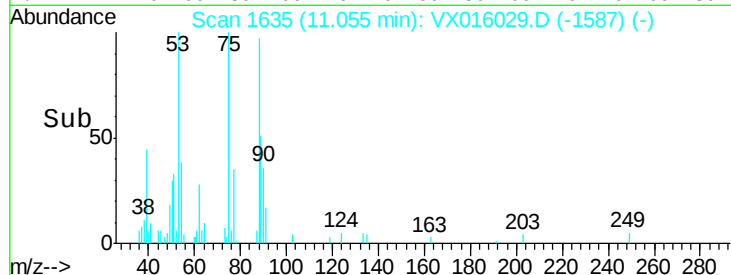
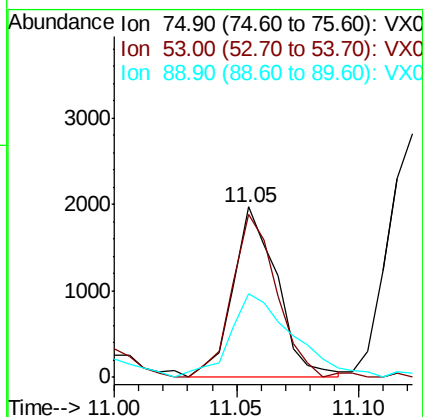
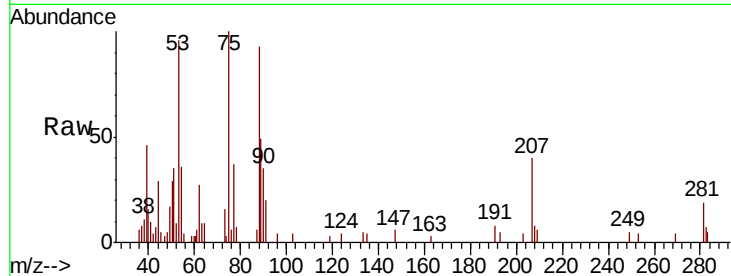
Tot Ion: 75 Resp: 2477

Ion Ratio Lower Upper

75 100

53 97.8 73.1 109.7

89 70.0 36.7 55.1#



#82

4-Chlorotoluene

Concen: 1.129 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX016029.D

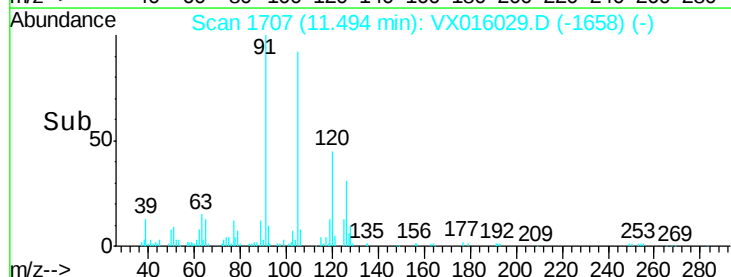
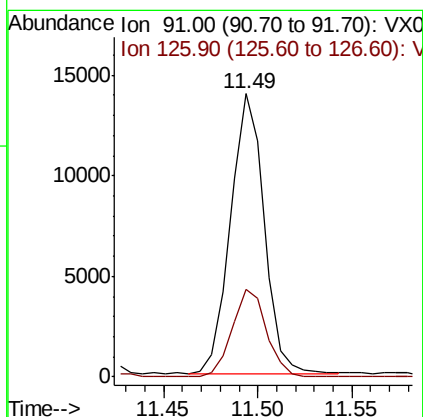
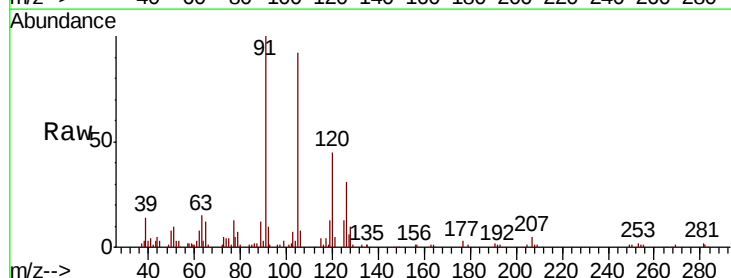
Acq: 04 May 2020 11:39

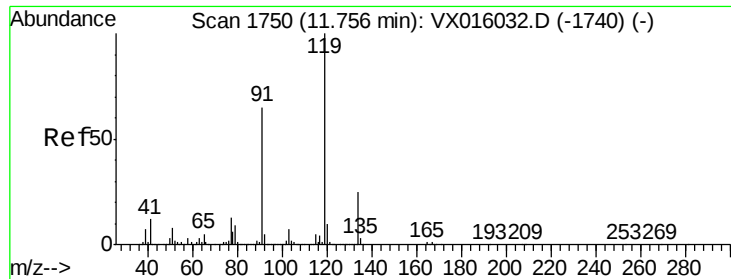
Tgt Ion: 91 Resp: 17231

Ion Ratio Lower Upper

91 100

126 31.7 14.8 44.3





#83

tert-Butylbenzene

Concen: 1.096 ug/l

RT: 11.76 min Scan# 1750

Delta R.T. -0.00 min

Lab File: VX016029.D

Acq: 04 May 2020 11:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

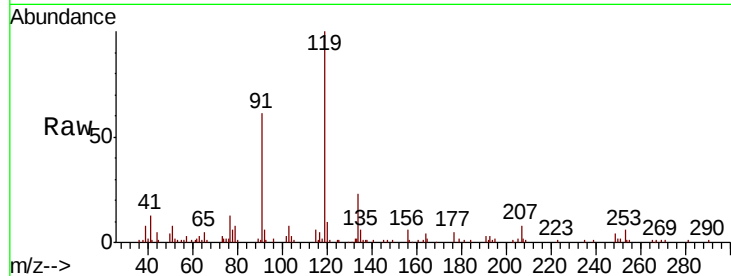
Tot Ion:119 Resp: 14900

Ion Ratio Lower Upper

119 100

91 63.8 32.8 98.4

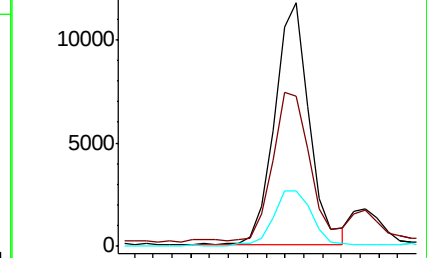
134 26.4 12.4 37.0



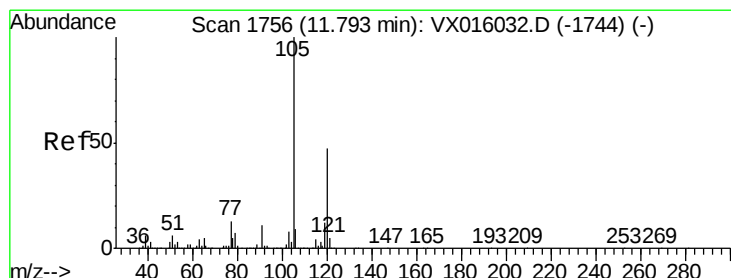
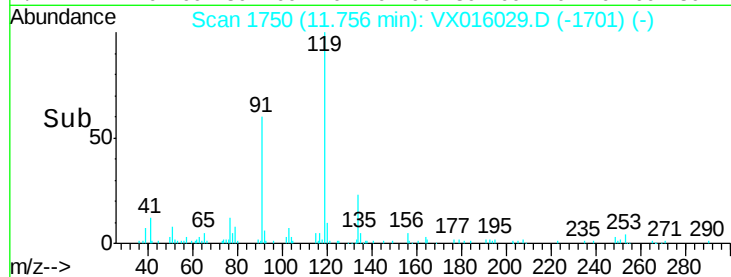
Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VX0

Ion 134.00 (133.70 to 134.70): V



Time-->



#84

1,2,4-Trimethylbenzene

Concen: 1.100 ug/l

RT: 11.79 min Scan# 1756

Delta R.T. -0.00 min

Lab File: VX016029.D

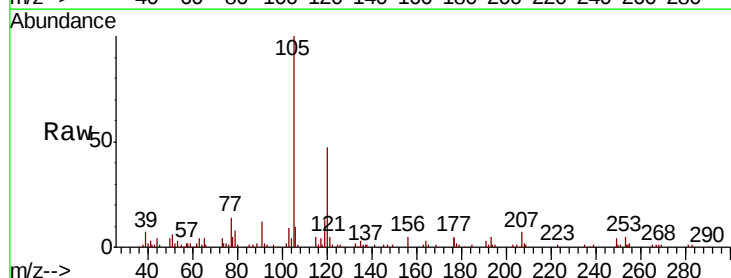
Acq: 04 May 2020 11:39

Tgt Ion:105 Resp: 17589

Ion Ratio Lower Upper

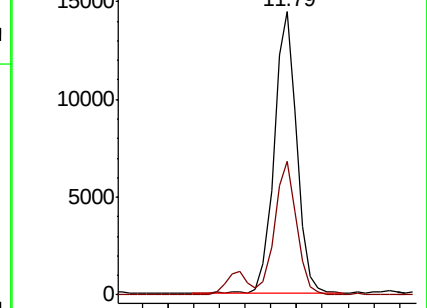
105 100

120 46.0 23.0 69.0

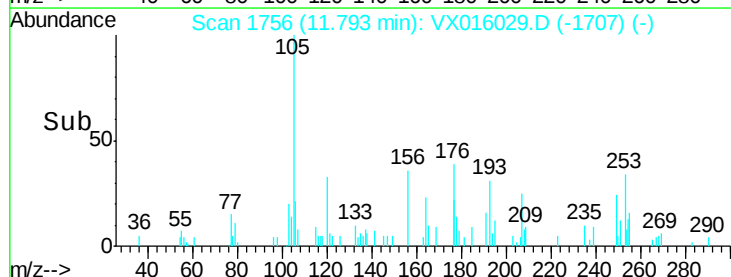


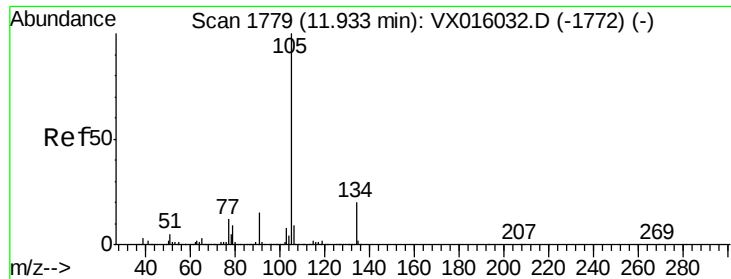
Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



Time-->





#85

sec-Butylbenzene

Concen: 1.116 ug/l

RT: 11.93 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VX016029.D

Acq: 04 May 2020 11:39

Instrument :

MSVOA_X

ClientSampleId :

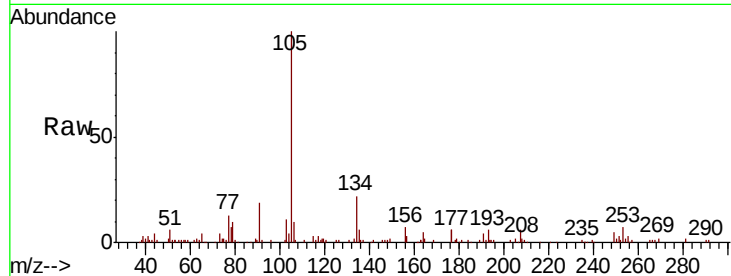
VSTDIC001

Tot Ion:105 Resp: 20562

Ion Ratio Lower Upper

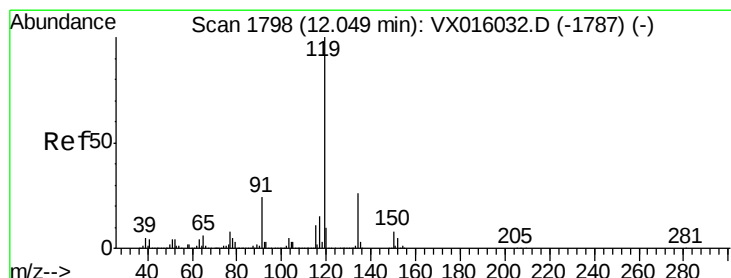
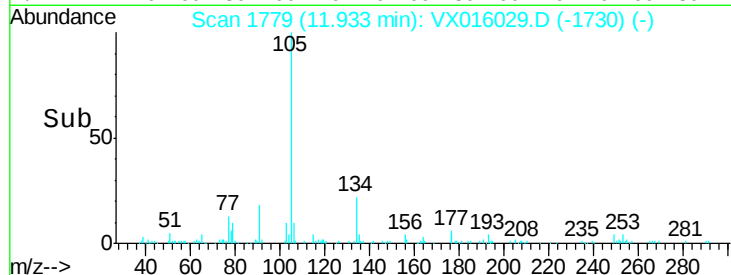
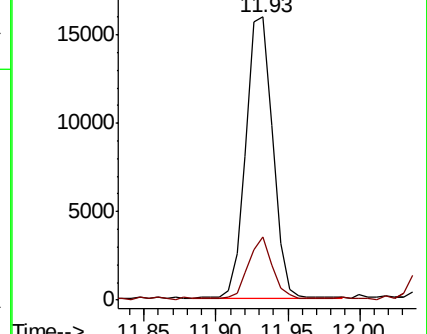
105 100

134 20.4 10.1 30.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 1.097 ug/l

RT: 12.05 min Scan# 1798

Delta R.T. -0.00 min

Lab File: VX016029.D

Acq: 04 May 2020 11:39

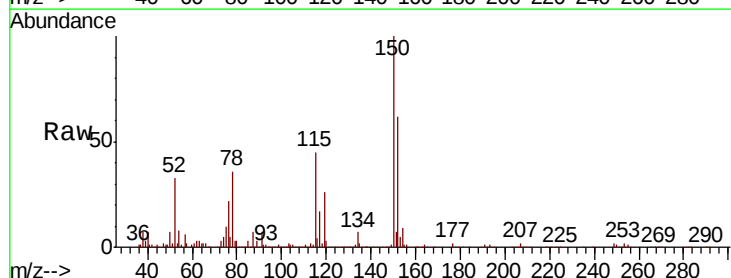
Tgt Ion:119 Resp: 18696

Ion Ratio Lower Upper

119 100

134 30.7 13.1 39.3

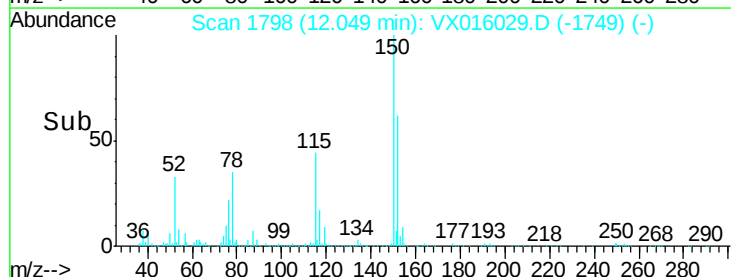
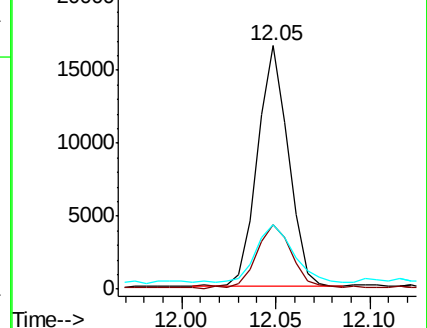
91 28.8 11.8 35.4

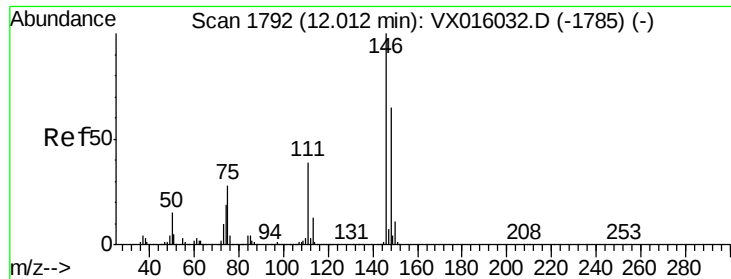


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

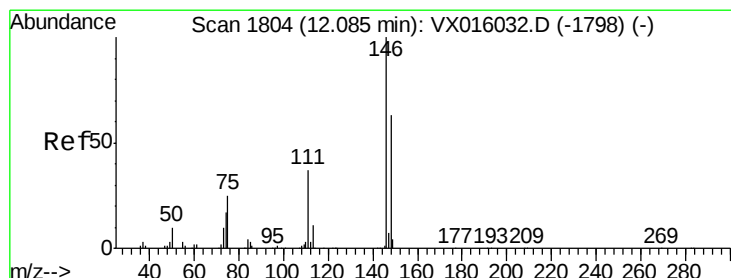
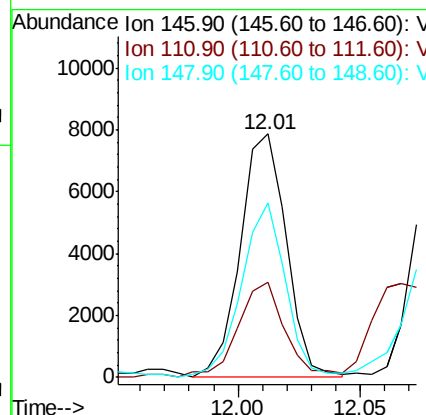
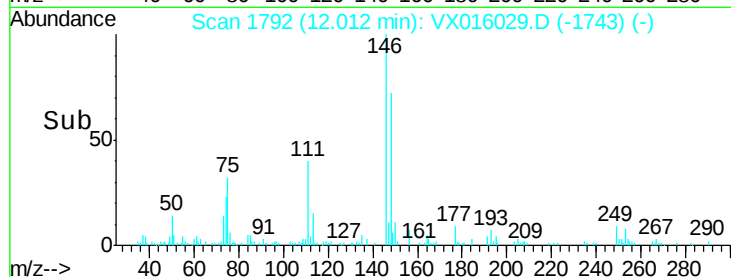
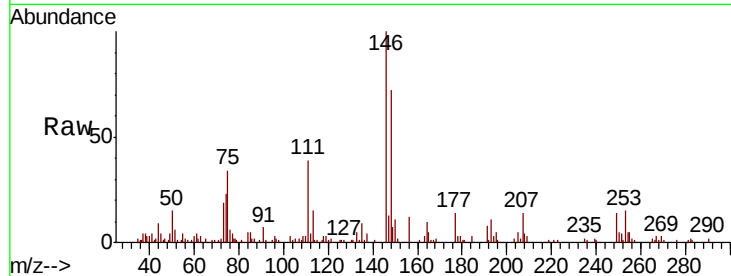




#87
 1,3-Dichlorobenzene
 Concen: 1.171 ug/l
 RT: 12.01 min Scan# 1792
 Delta R.T. -0.00 min
 Lab File: VX016029.D
 Acq: 04 May 2020 11:39

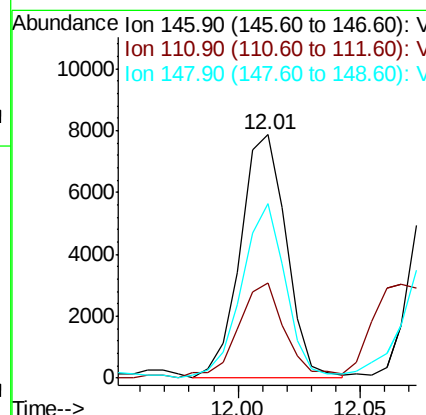
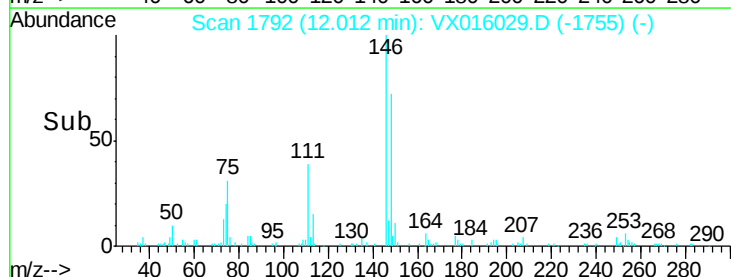
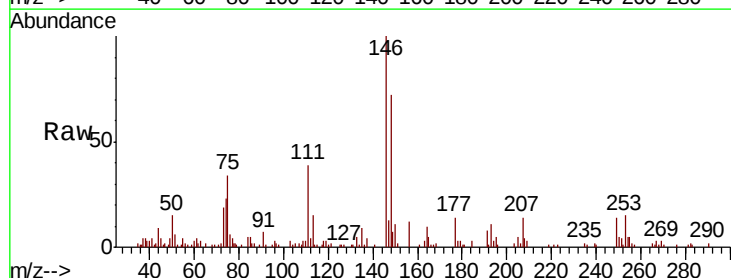
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

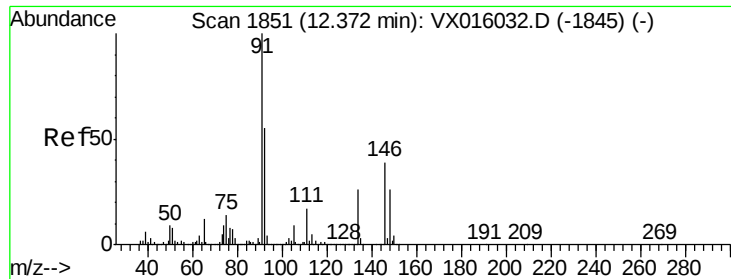
Tot Ion	Ratio	Lower	Upper
146	100		
111	41.0	20.2	60.6
148	68.6	32.1	96.3



#88
 1,4-Dichlorobenzene
 Concen: 1.169 ug/l
 RT: 12.01 min Scan# 1792
 Delta R.T. -0.07 min
 Lab File: VX016029.D
 Acq: 04 May 2020 11:39

Tgt Ion	Ratio	Lower	Upper
146	100		
111	41.0	19.6	58.7
148	68.6	31.8	95.3





#89

n-Butylbenzene

Concen: 1.197 ug/l

RT: 12.37 min Scan# 1851

Delta R.T. -0.00 min

Lab File: VX016029.D

Acq: 04 May 2020 11:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

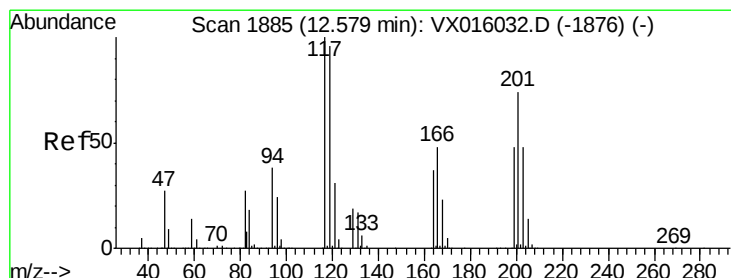
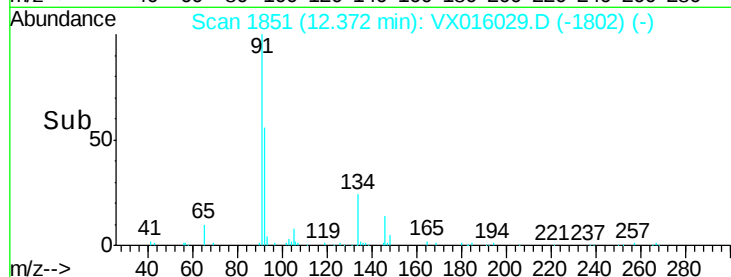
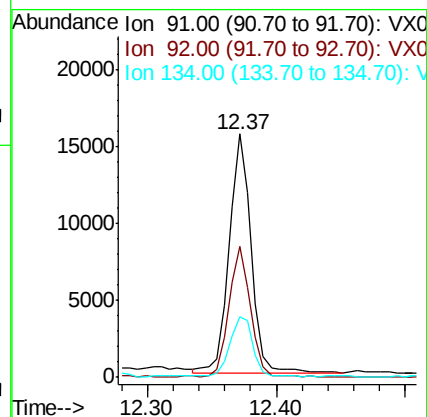
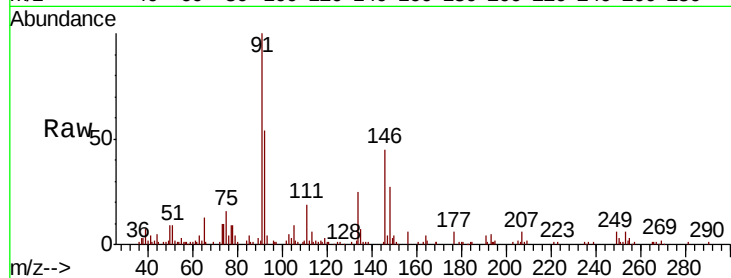
Tot Ion: 91 Resp: 18571

Ion Ratio Lower Upper

91 100

92 54.4 27.6 82.7

134 28.0 13.4 40.1



#90

Hexachloroethane

Concen: 1.031 ug/l

RT: 12.58 min Scan# 1885

Delta R.T. -0.00 min

Lab File: VX016029.D

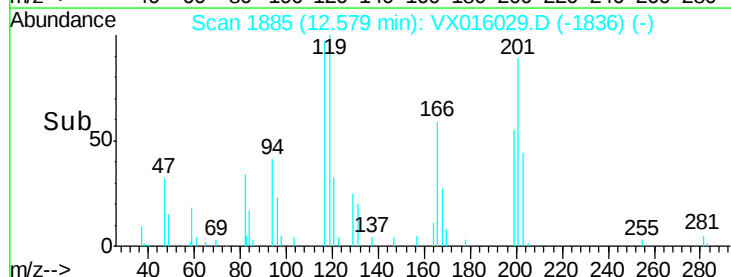
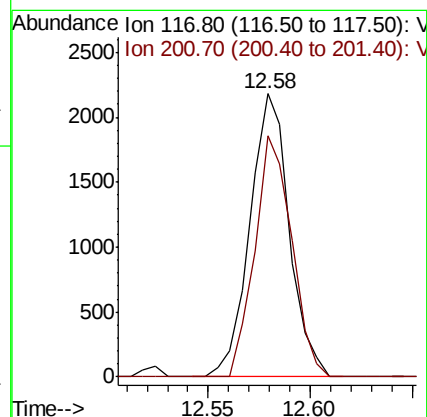
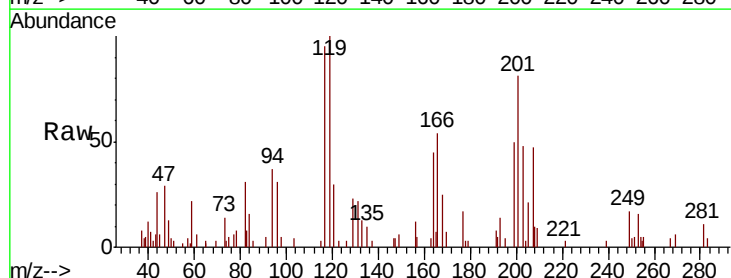
Acq: 04 May 2020 11:39

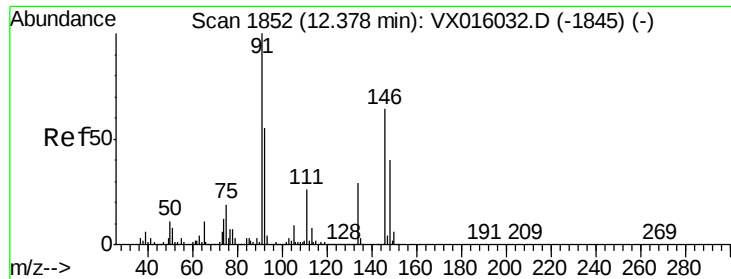
Tgt Ion: 117 Resp: 2922

Ion Ratio Lower Upper

117 100

201 79.9 39.8 119.3

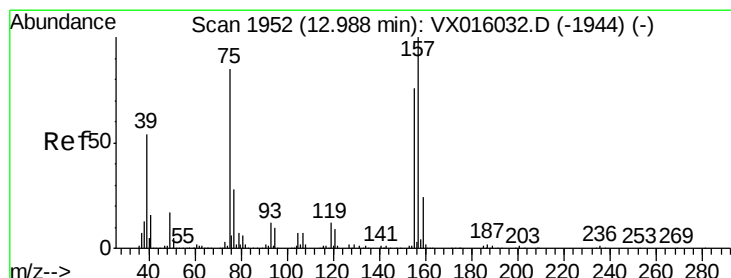
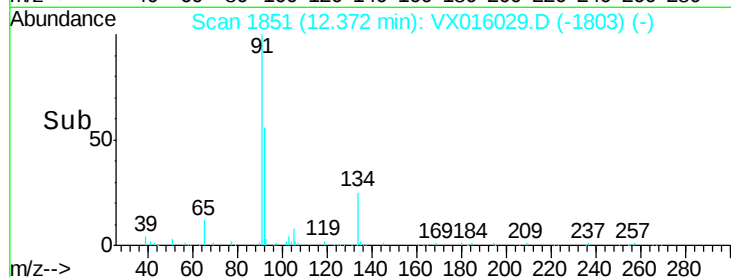
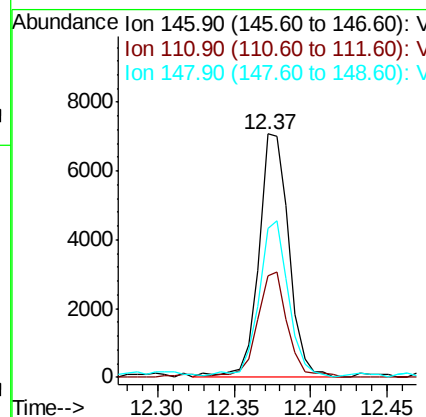
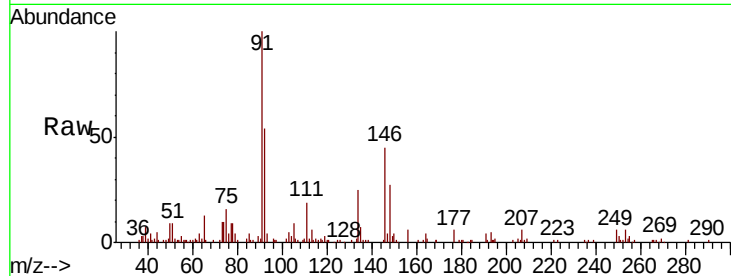




#91
 1,2-Dichlorobenzene
 Concen: 1.151 ug/l
 RT: 12.37 min Scan# 1851
 Delta R.T. -0.01 min
 Lab File: VX016029.D
 Acq: 04 May 2020 11:39

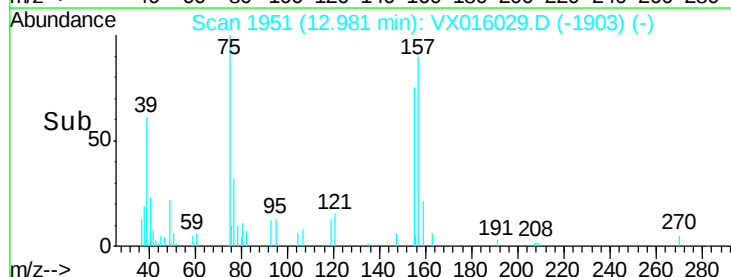
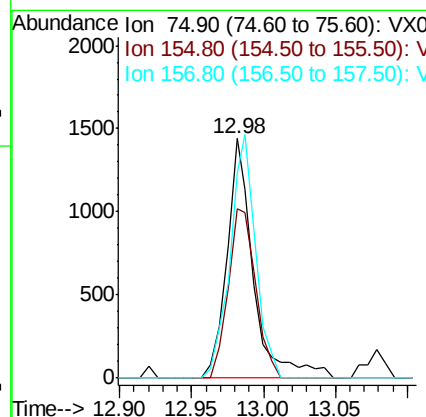
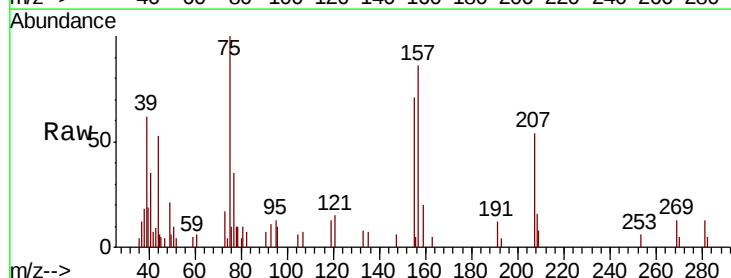
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

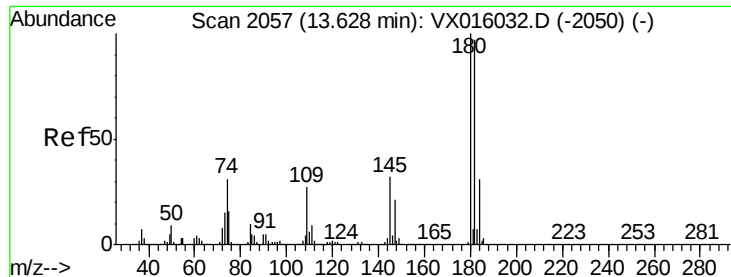
Tot Ion:146 Resp: 9716
 Ion Ratio Lower Upper
 146 100
 111 43.4 21.1 63.1
 148 63.8 32.4 97.0



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 1.220 ug/l
 RT: 12.98 min Scan# 1951
 Delta R.T. -0.01 min
 Lab File: VX016029.D
 Acq: 04 May 2020 11:39

Tgt Ion: 75 Resp: 1860
 Ion Ratio Lower Upper
 75 100
 155 73.5 42.5 127.5
 157 97.9 55.3 165.8

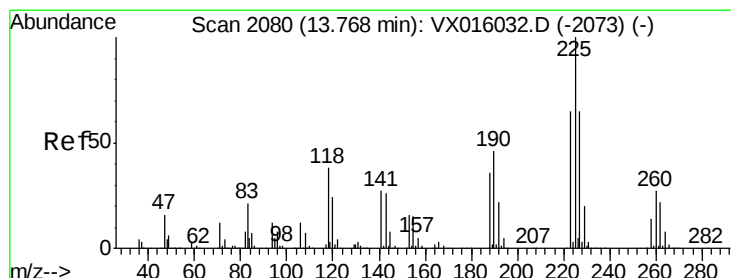
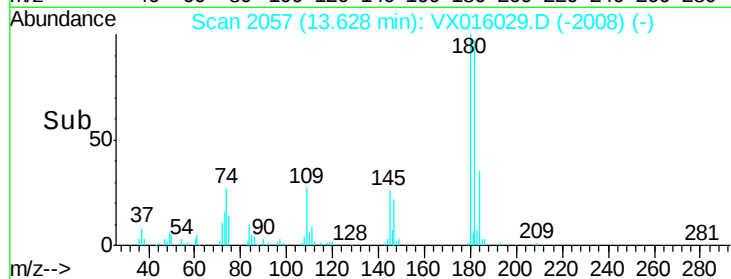
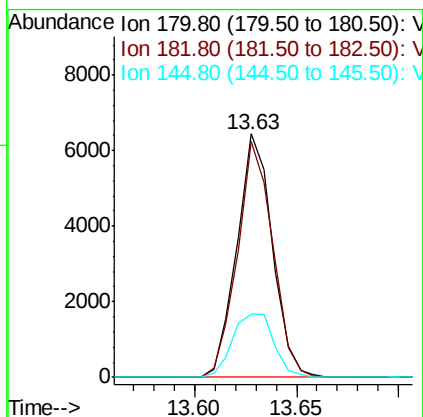
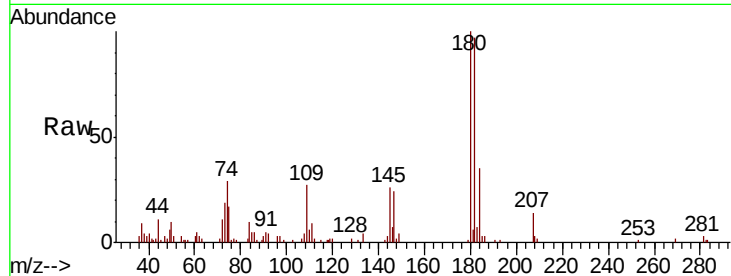




#93
 1,2,4-Trichlorobenzene
 Concen: 1.247 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. -0.00 min
 Lab File: VX016029.D
 Acq: 04 May 2020 11:39

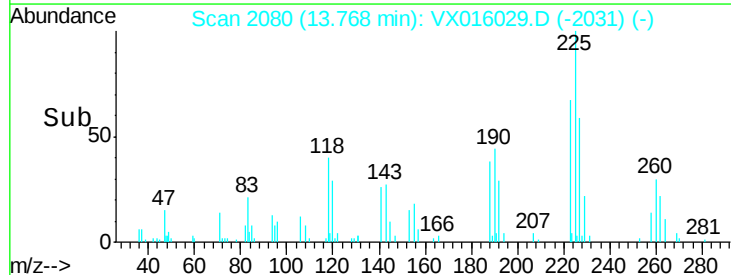
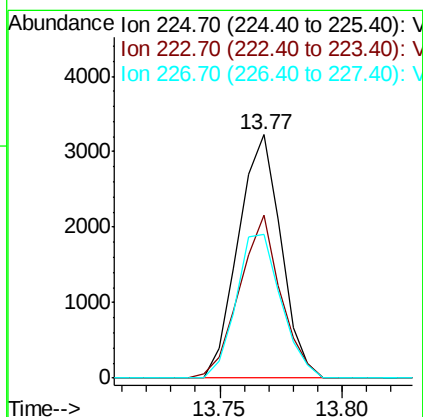
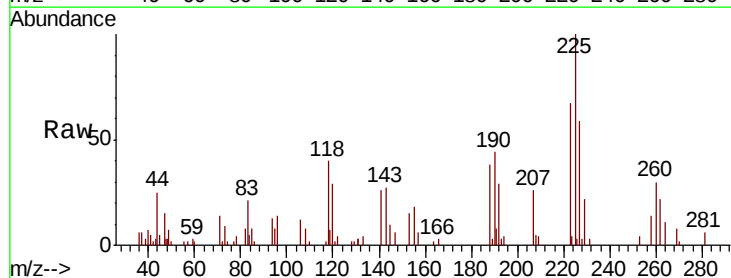
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

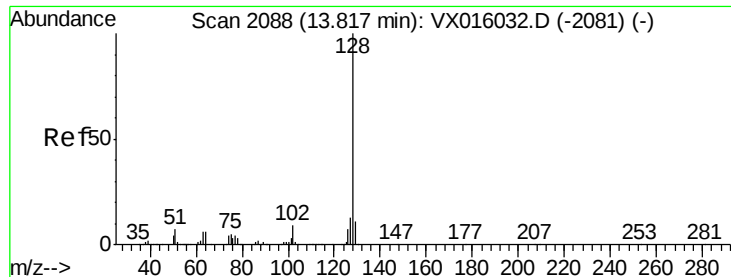
Tot Ion:180 Resp: 7765
 Ion Ratio Lower Upper
 180 100
 182 96.3 48.7 146.1
 145 30.4 15.7 47.1



#94
 Hexachlorobutadiene
 Concen: 1.345 ug/l
 RT: 13.77 min Scan# 2080
 Delta R.T. -0.00 min
 Lab File: VX016029.D
 Acq: 04 May 2020 11:39

Tgt Ion:225 Resp: 3934
 Ion Ratio Lower Upper
 225 100
 223 64.7 32.3 96.9
 227 61.9 31.8 95.4





#95

Naphthalene

Concen: 1.165 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. -0.00 min

Lab File: VX016029.D

Acq: 04 May 2020 11:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

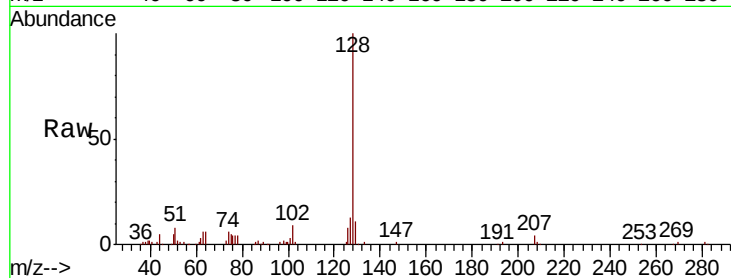
Tot Ion:128 Resp: 23356

Ion Ratio Lower Upper

128 100

127 13.1 10.2 15.4

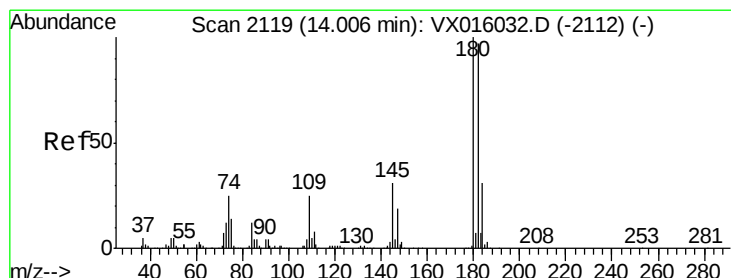
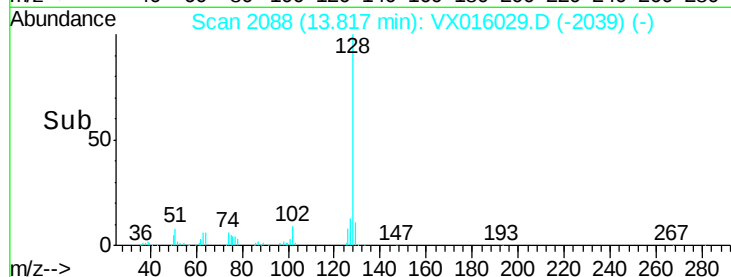
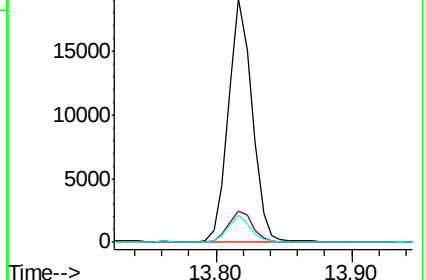
129 10.5 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 1.211 ug/l

RT: 14.01 min Scan# 2119

Delta R.T. -0.00 min

Lab File: VX016029.D

Acq: 04 May 2020 11:39

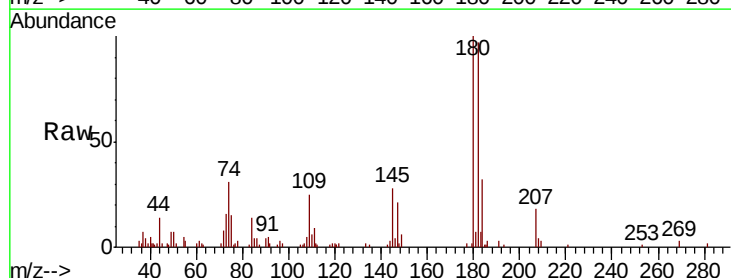
Tgt Ion:180 Resp: 7376

Ion Ratio Lower Upper

180 100

182 99.0 48.4 145.0

145 32.7 16.4 49.1



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

