

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX050420\
 Data File : VX016033.D
 Acq On : 04 May 2020 13:10
 Operator : JC/SP
 Sample : VSTDICC100
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC100

Quant Time: May 04 13:36:14 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	5.63	168	315897	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	515241	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	486266	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	246365	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.04	65	421229	87.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	175.02%	
35) Dibromofluoromethane	5.47	113	331346	90.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	181.94%	
50) Toluene-d8	8.70	98	1290911	95.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	190.22%	
62) 4-Bromofluorobenzene	11.12	95	499481	102.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	205.06%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	341456	102.594	ug/l	99
3) Chloromethane	1.31	50	375281	94.269	ug/l	100
4) Vinyl Chloride	1.39	62	413110	98.515	ug/l	99
5) Bromomethane	1.62	94	187325	73.656	ug/l	96
6) Chloroethane	1.70	64	258305	98.284	ug/l	99
7) Trichlorofluoromethane	1.90	101	542491	98.937	ug/l	98
8) Diethyl Ether	2.17	74	226037	97.369	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.36	101	312658	99.089	ug/l	98
10) Methyl Iodide	2.49	142	456373	113.172	ug/l	100
11) Tert butyl alcohol	3.03	59	543601	528.161	ug/l	100
12) 1,1-Dichloroethene	2.35	96	327822	99.154	ug/l	95
13) Acrolein	2.28	56	341583	541.467	ug/l	100
14) Allyl chloride	2.70	41	608491	100.773	ug/l	99
15) Acrylonitrile	3.12	53	1114047	512.582	ug/l	100
16) Acetone	2.42	43	937163	502.945	ug/l	99
17) Carbon Disulfide	2.54	76	1003232	84.884	ug/l	99
18) Methyl Acetate	2.75	43	457567	99.669	ug/l	100
19) Methyl tert-butyl Ether	3.17	73	1154745	102.419	ug/l	99
20) Methylene Chloride	2.83	84	364866	92.754	ug/l	99
21) trans-1,2-Dichloroethene	3.14	96	359707	96.812	ug/l	100
22) Diisopropyl ether	3.83	45	1144769	100.425	ug/l	88
23) Vinyl Acetate	3.79	43	5218090	528.815	ug/l	99
24) 1,1-Dichloroethane	3.67	63	641625	100.926	ug/l	99
25) 2-Butanone	4.64	43	1561587	530.439	ug/l	99
26) 2,2-Dichloropropane	4.55	77	575733	97.870	ug/l	100
27) cis-1,2-Dichloroethene	4.56	96	402790	100.719	ug/l	100
28) Bromochloromethane	4.98	49	292946	101.712	ug/l	99
29) Tetrahydrofuran	5.09	42	1025774	523.248	ug/l	100
30) Chloroform	5.18	83	640236	101.064	ug/l	98
31) Cyclohexane	5.55	56	591703	99.748	ug/l	100
32) 1,1,1-Trichloroethane	5.46	97	584127	101.564	ug/l	100
36) 1,1-Dichloropropene	5.77	75	495485	96.344	ug/l	99
37) Ethyl Acetate	4.80	43	599108	102.294	ug/l	100
38) Carbon Tetrachloride	5.76	117	516904	100.014	ug/l	95

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 VSTDICC100

Quant Time: May 04 13:36:14 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X050420W.M
 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	608637	99.235	ug/l	99
40) Benzene	6.12	78	1452223	96.482	ug/l	100
41) Methacrylonitrile	5.01	41	325841	103.017	ug/l	99
42) 1,2-Dichloroethane	6.17	62	523568	96.293	ug/l	99
43) Isopropyl Acetate	6.42	43	959183	102.921	ug/l	100
44) Trichloroethene	7.19	130	479135	86.085	ug/l	100
45) 1,2-Dichloropropane	7.49	63	373120	98.715	ug/l	98
46) Dibromomethane	7.64	93	253204	98.515	ug/l	99
47) Bromodichloromethane	7.88	83	530322	102.768	ug/l	98
48) Methyl methacrylate	7.75	41	459006	104.670	ug/l	100
49) 1,4-Dioxane	7.72	88	215883	2035.398	ug/l	100
51) 4-Methyl-2-Pentanone	8.62	43	2966419	522.810	ug/l	99
52) Toluene	8.77	92	930433	100.332	ug/l	100
53) t-1,3-Dichloropropene	9.02	75	625432	101.293	ug/l	100
54) cis-1,3-Dichloropropene	8.42	75	648512	99.966	ug/l	98
55) 1,1,2-Trichloroethane	9.20	97	368854	101.786	ug/l	99
56) Ethyl methacrylate	9.16	69	634412	110.654	ug/l	99
57) 1,3-Dichloropropane	9.35	76	631859	98.936	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	1616196	517.495	ug/l	100
59) 2-Hexanone	9.48	43	2316928	521.062	ug/l	99
60) Dibromochloromethane	9.57	129	421494	107.948	ug/l	99
61) 1,2-Dibromoethane	9.66	107	401064	102.350	ug/l	100
64) Tetrachloroethene	9.32	164	561083	90.861	ug/l	97
65) Chlorobenzene	10.12	112	988191	95.842	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.21	131	380324	101.386	ug/l	99
67) Ethyl Benzene	10.24	91	1786384	97.394	ug/l	100
68) m/p-Xylenes	10.34	106	1358889	199.481	ug/l	99
69) o-Xylene	10.68	106	653389	100.220	ug/l	100
70) Styrene	10.70	104	1151414	106.085	ug/l	100
71) Bromoform	10.84	173	324684	111.231	ug/l #	97
73) Isopropylbenzene	11.01	105	1758561	96.105	ug/l	99
74) N-amyl acetate	10.88	43	839971	100.369	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	399516	149.585	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	758350	105.366	ug/l	84
77) Bromobenzene	11.24	156	446356	94.394	ug/l	99
78) n-propylbenzene	11.35	91	2047511	96.447	ug/l	100
79) 2-Chlorotoluene	11.41	91	1197714	95.388	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	1518868	99.688	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.06	75	245566	106.624	ug/l	98
82) 4-Chlorotoluene	11.49	91	1423362	96.574	ug/l	100
83) tert-Butylbenzene	11.76	119	1300149	99.085	ug/l	100
84) 1,2,4-Trimethylbenzene	11.79	105	1513350	98.034	ug/l	100
85) sec-Butylbenzene	11.93	105	1741040	97.820	ug/l	100
86) p-Isopropyltoluene	12.05	119	1624201	98.653	ug/l	100
87) 1,3-Dichlorobenzene	12.01	146	799041	94.032	ug/l	100
88) 1,4-Dichlorobenzene	12.09	146	797361	93.721	ug/l	99
89) n-Butylbenzene	12.37	91	1483299	99.013	ug/l	100
90) Hexachloroethane	12.58	117	292381	106.864	ug/l	99
91) 1,2-Dichlorobenzene	12.38	146	775269	95.099	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	147099	99.924	ug/l	98

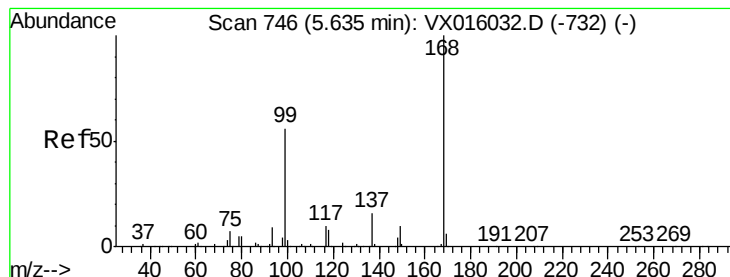
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX050420\
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Quant Title : SW846 8260
QLast Update : Mon May 04 13:19:56 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	572668	95.257	ug/l	96
94) Hexachlorobutadiene	13.77	225	255706	90.558	ug/l	98
95) Naphthalene	13.82	128	1889591	97.625	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	564499	95.965	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.01 min

Lab File: VX016033.D

Acq: 04 May 2020 13:10

Instrument :

MSVOA_X

ClientSampleId :

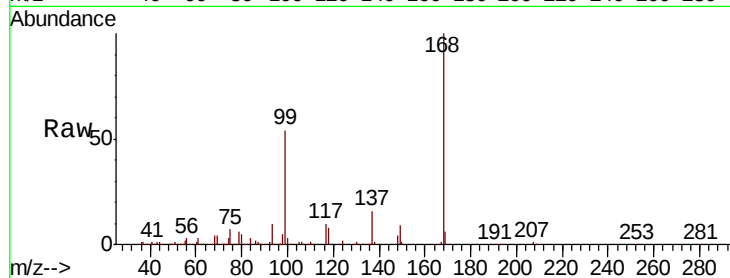
VSTDIC100

Tot Ion:168 Resp: 315897

Ion Ratio Lower Upper

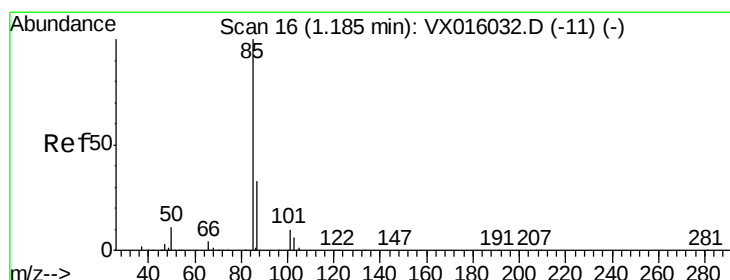
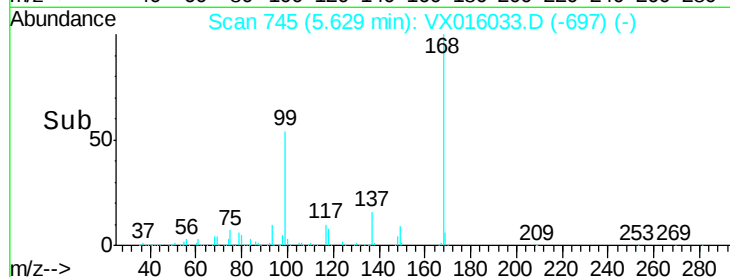
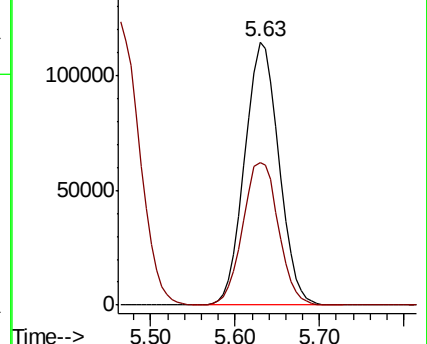
168 100

99 54.3 45.0 67.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 102.594 ug/l

RT: 1.18 min Scan# 15

Delta R.T. -0.01 min

Lab File: VX016033.D

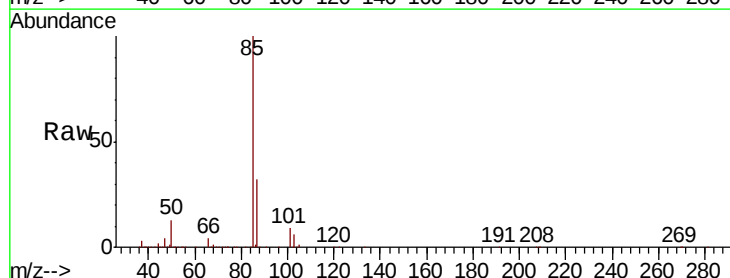
Acq: 04 May 2020 13:10

Tgt Ion: 85 Resp: 341456

Ion Ratio Lower Upper

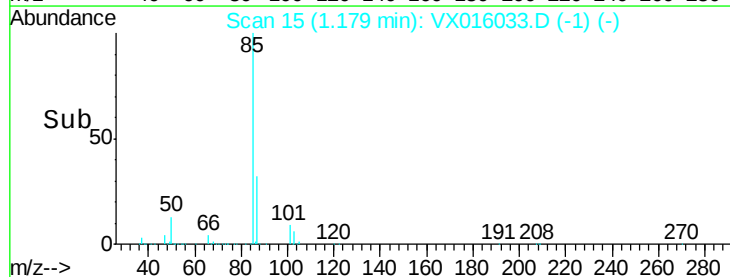
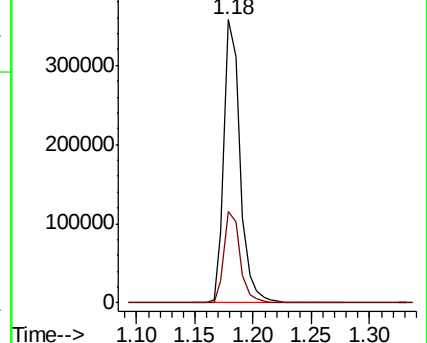
85 100

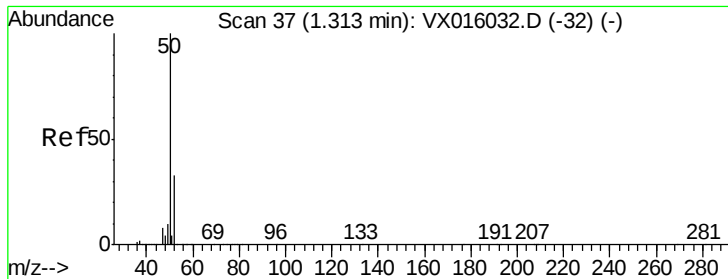
87 32.3 16.4 49.1



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 94.269 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX016033.D

Acq: 04 May 2020 13:10

Instrument :

MSVOA_X

ClientSampleId :

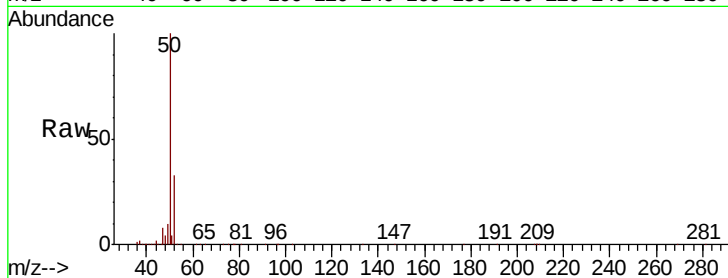
VSTDIC100

Tot Ion: 50 Resp: 375281

Ion Ratio Lower Upper

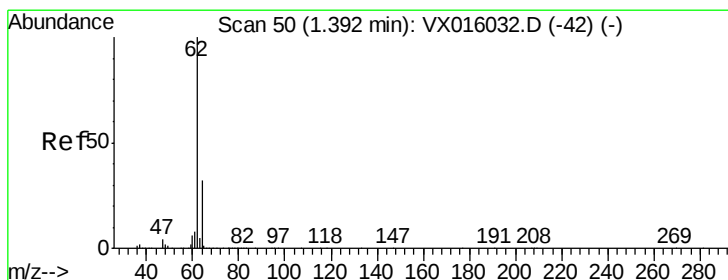
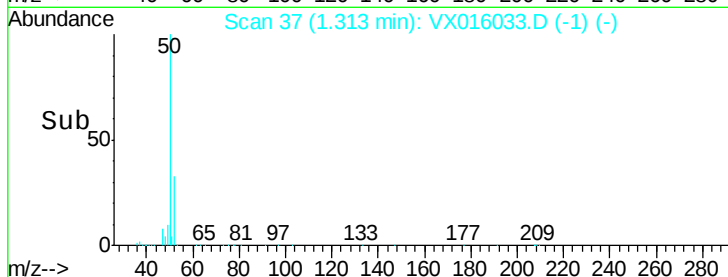
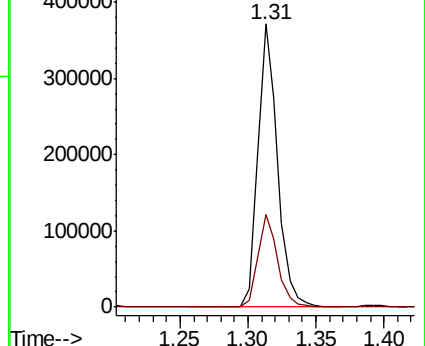
50 100

52 32.5 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: 98.515 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX016033.D

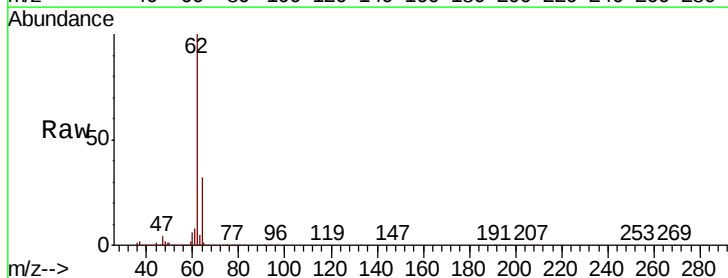
Acq: 04 May 2020 13:10

Tgt Ion: 62 Resp: 413110

Ion Ratio Lower Upper

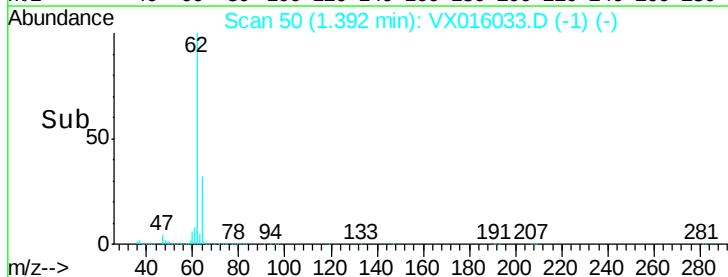
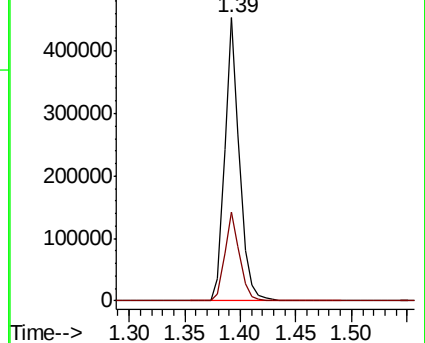
62 100

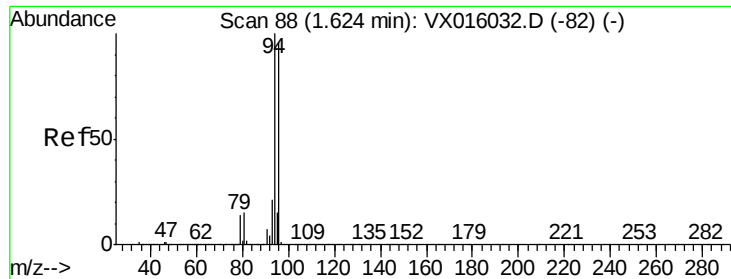
64 31.6 25.7 38.5



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 73.656 ug/l

RT: 1.62 min Scan# 87

Delta R.T. -0.01 min

Lab File: VX016033.D

Acq: 04 May 2020 13:10

Instrument :

MSVOA_X

ClientSampleId :

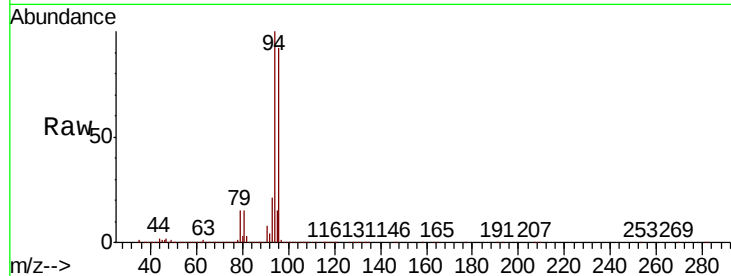
VSTDIC100

Tot Ion: 94 Resp: 187325

Ion Ratio Lower Upper

94 100

96 91.8 76.9 115.3



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.62

200000

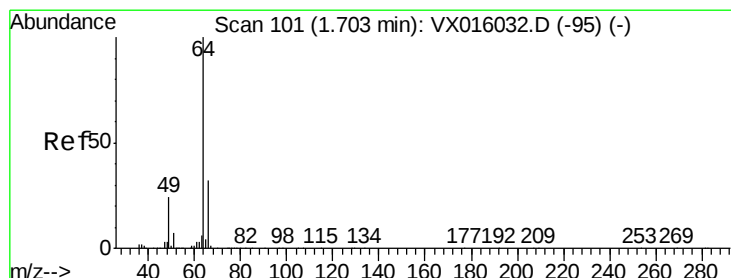
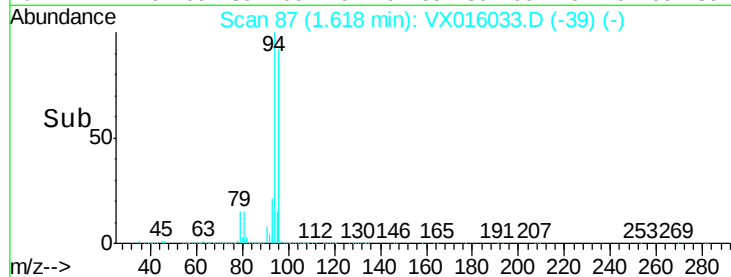
150000

100000

50000

0

Time-->



#6

Chloroethane

Concen: 98.284 ug/l

RT: 1.70 min Scan# 100

Delta R.T. -0.01 min

Lab File: VX016033.D

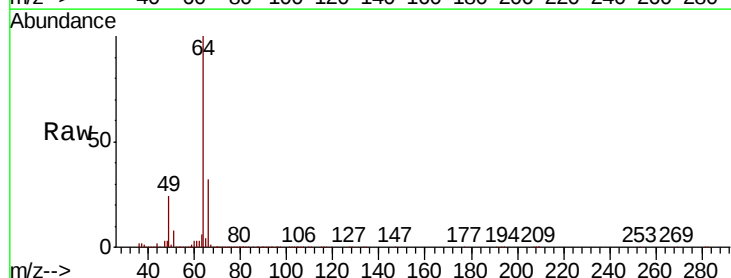
Acq: 04 May 2020 13:10

Tgt Ion: 64 Resp: 258305

Ion Ratio Lower Upper

64 100

66 32.2 25.2 37.8



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1.70

200000

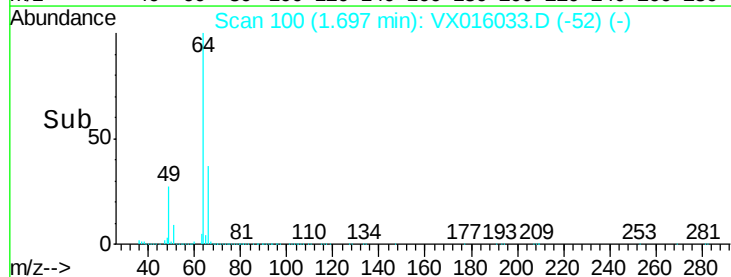
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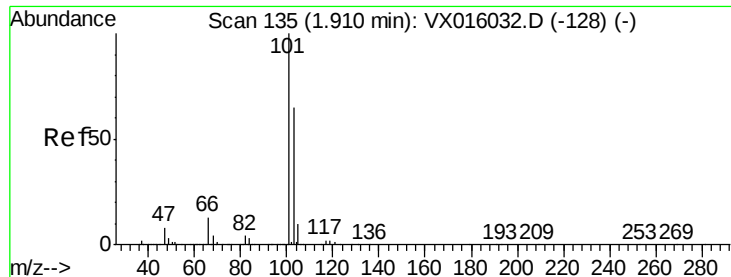
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Time-->



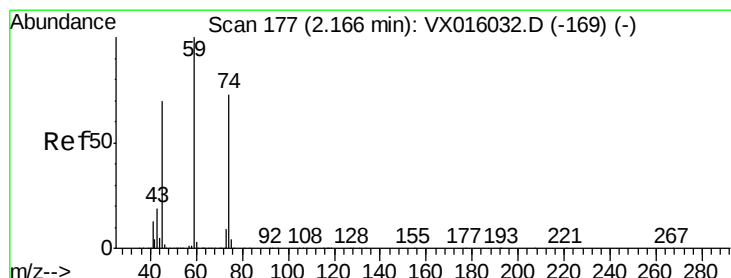
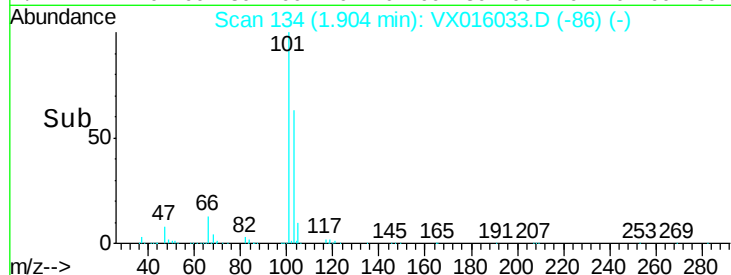
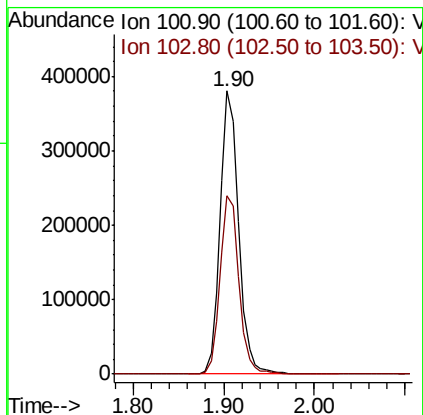
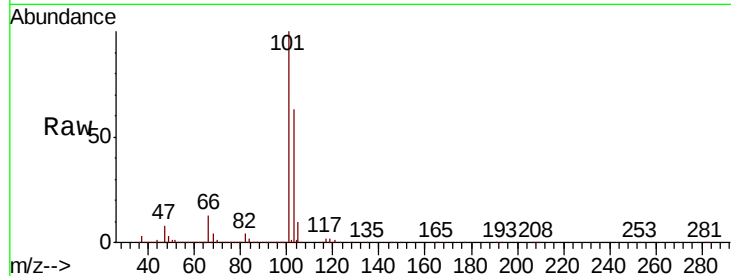


#7

Trichlorofluoromethane
Concen: 98.937 ug/l
RT: 1.90 min Scan# 134
Delta R.T. -0.01 min
Lab File: VX016033.D
Acq: 04 May 2020 13:10

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

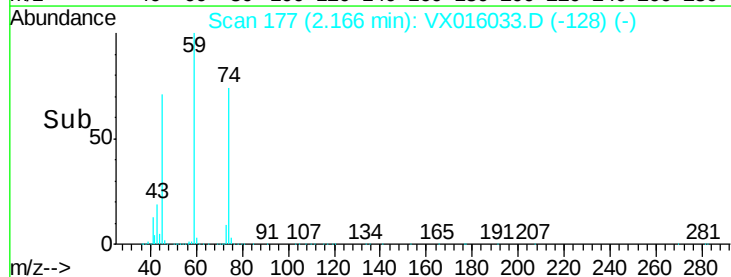
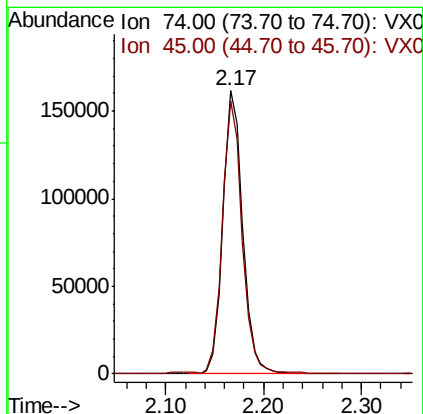
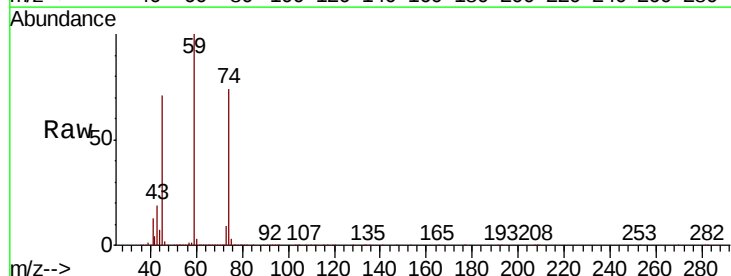
Tot Ion:101 Resp: 542491
Ion Ratio Lower Upper
101 100
103 63.1 51.8 77.6

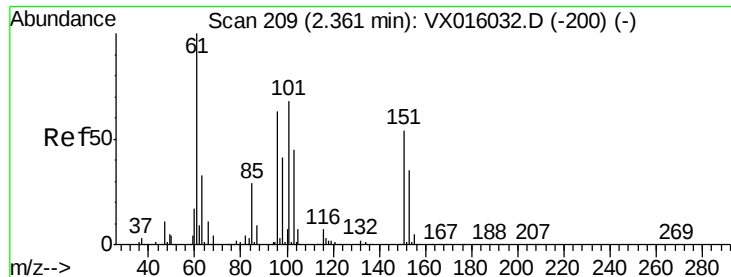


#8

Diethyl Ether
Concen: 97.369 ug/l
RT: 2.17 min Scan# 177
Delta R.T. -0.00 min
Lab File: VX016033.D
Acq: 04 May 2020 13:10

Tgt Ion: 74 Resp: 226037
Ion Ratio Lower Upper
74 100
45 96.4 47.3 142.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 99.089 ug/l

RT: 2.36 min Scan# 209

Delta R.T. -0.00 min

Lab File: VX016033.D

Acq: 04 May 2020 13:10

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

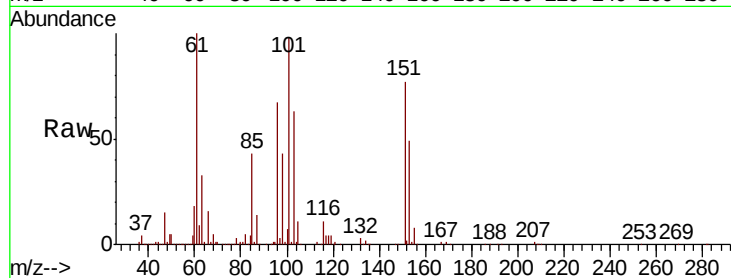
Tot Ion:101 Resp: 312658

Ion Ratio Lower Upper

101 100

85 43.6 34.2 51.4

151 79.1 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

200000

150000

100000

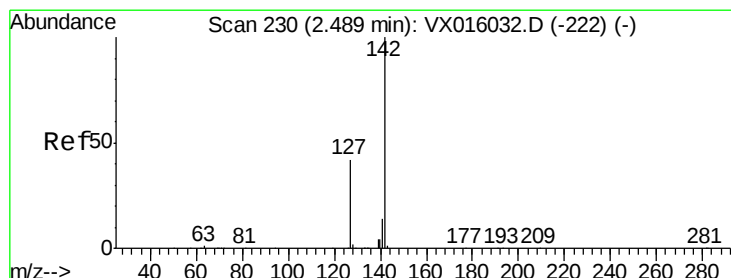
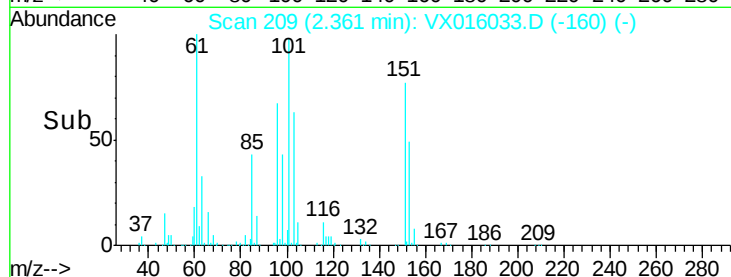
50000

0

2.36

2.30 2.40 2.50

Time-->



#10

Methyl Iodide

Concen: 113.172 ug/l

RT: 2.49 min Scan# 230

Delta R.T. -0.00 min

Lab File: VX016033.D

Acq: 04 May 2020 13:10

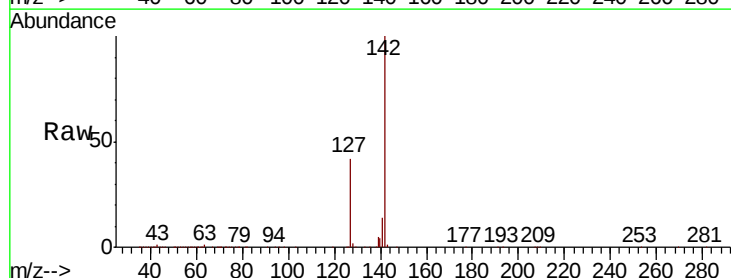
Tgt Ion:142 Resp: 456373

Ion Ratio Lower Upper

142 100

127 43.5 34.6 52.0

141 14.3 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

300000

200000

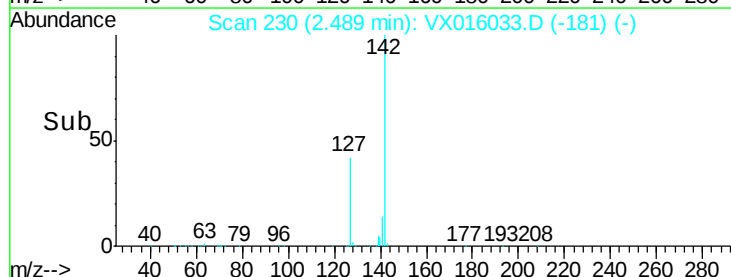
100000

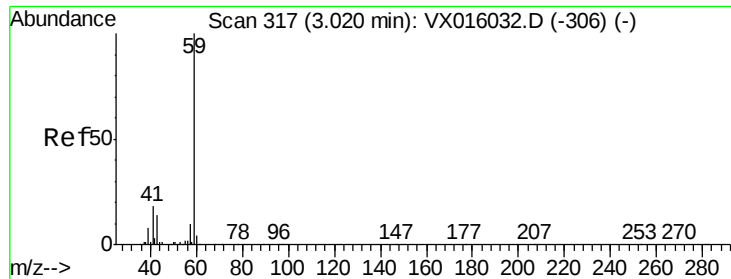
0

2.49

2.40 2.50 2.60

Time-->



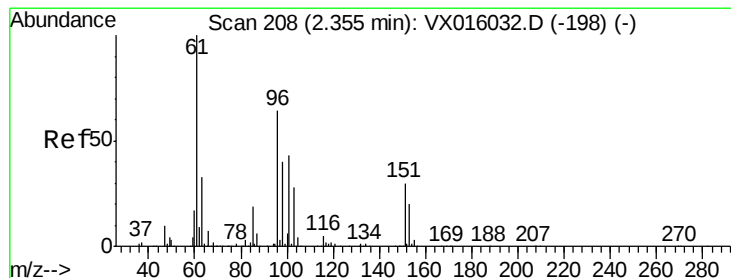
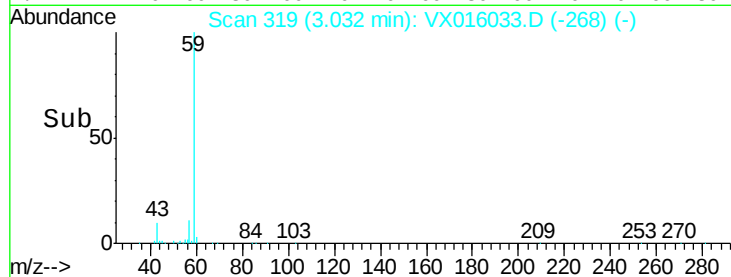
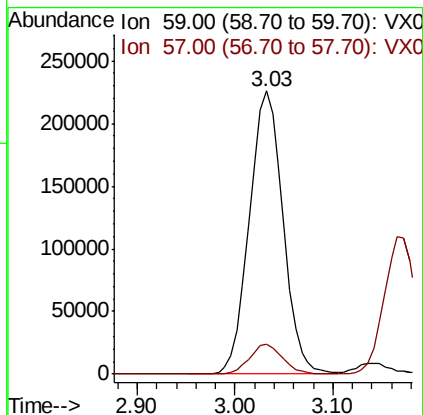
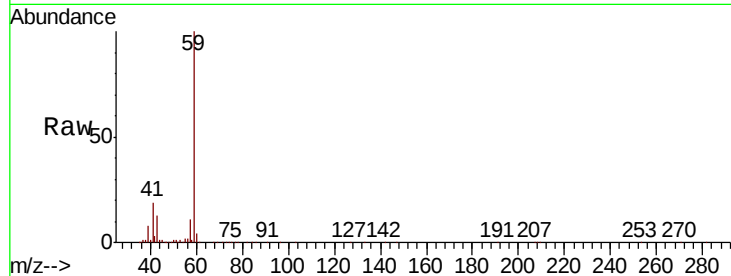


#11

Tert butyl alcohol
 Concen: 528.161 ug/l
 RT: 3.03 min Scan# 319
 Delta R.T. 0.01 min
 Lab File: VX016033.D
 Acq: 04 May 2020 13:10

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

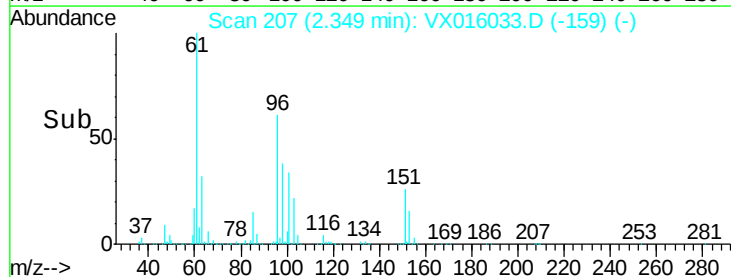
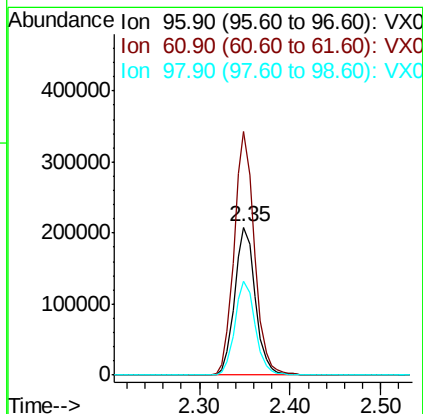
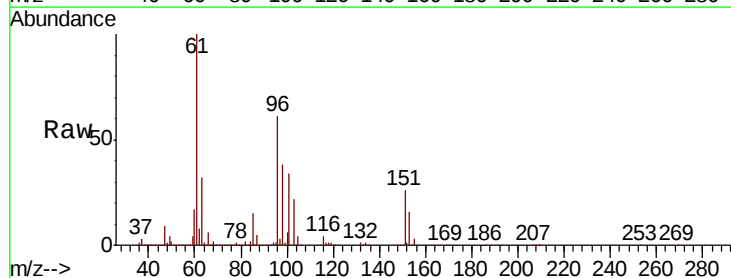
Tot Ion: 59 Resp: 543601
 Ion Ratio Lower Upper
 59 100
 57 10.4 8.2 12.4

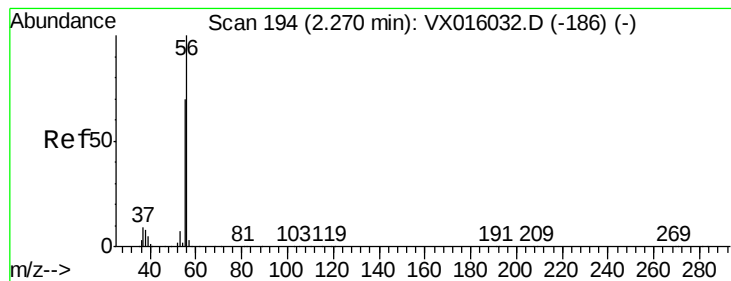


#12

1,1-Dichloroethene
 Concen: 99.154 ug/l
 RT: 2.35 min Scan# 207
 Delta R.T. -0.01 min
 Lab File: VX016033.D
 Acq: 04 May 2020 13:10

Tgt Ion: 96 Resp: 327822
 Ion Ratio Lower Upper
 96 100
 61 164.4 124.8 187.2
 98 63.1 49.7 74.5





#13

Acrolein

Concen: 541.467 ug/l

RT: 2.28 min Scan# 195

Delta R.T. 0.01 min

Lab File: VX016033.D

Acq: 04 May 2020 13:10

Instrument :

MSVOA_X

ClientSampleId :

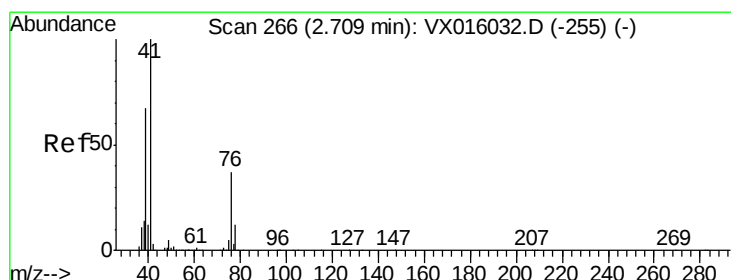
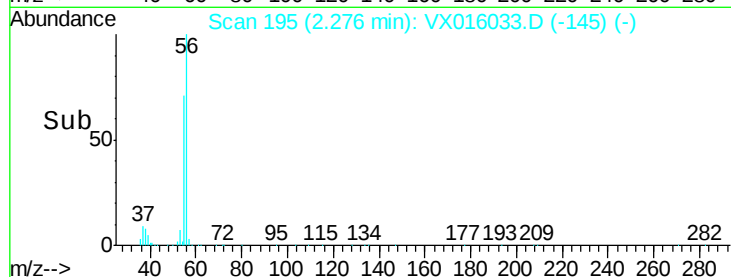
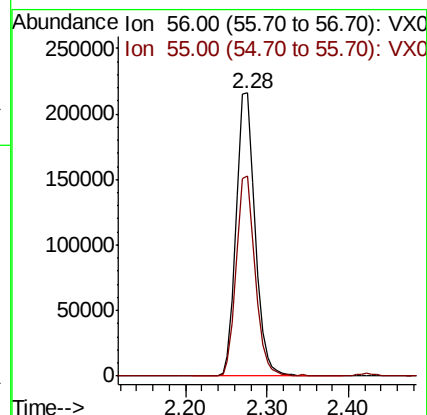
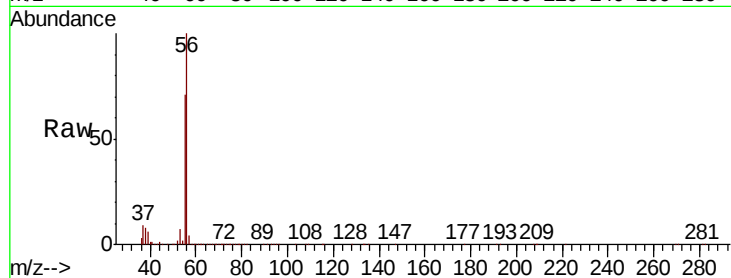
VSTDIC100

Tot Ion: 56 Resp: 341583

Ion Ratio Lower Upper

56 100

55 70.2 56.5 84.7



#14

Allyl chloride

Concen: 100.773 ug/l

RT: 2.70 min Scan# 265

Delta R.T. -0.01 min

Lab File: VX016033.D

Acq: 04 May 2020 13:10

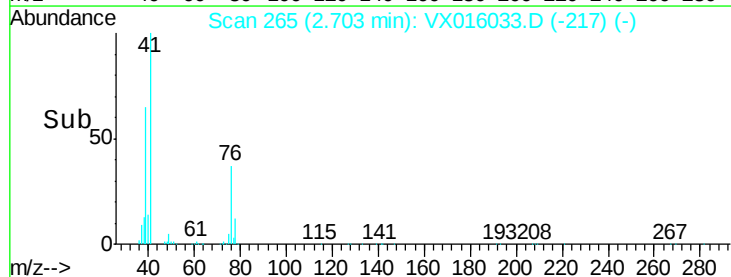
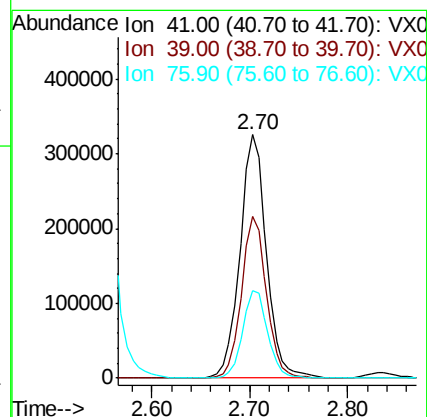
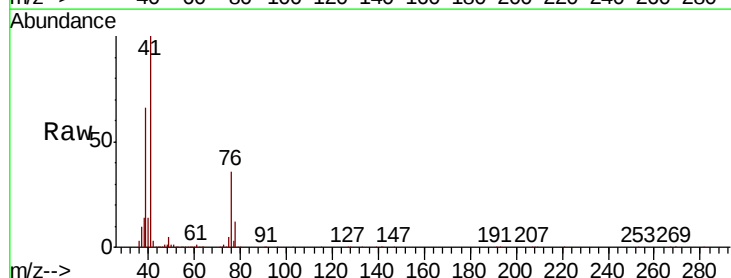
Tgt Ion: 41 Resp: 608491

Ion Ratio Lower Upper

41 100

39 62.8 50.5 75.7

76 34.1 26.6 40.0



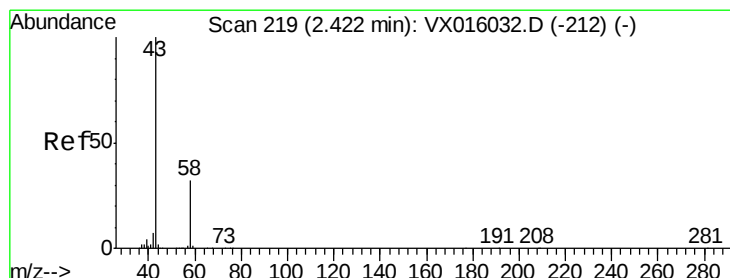
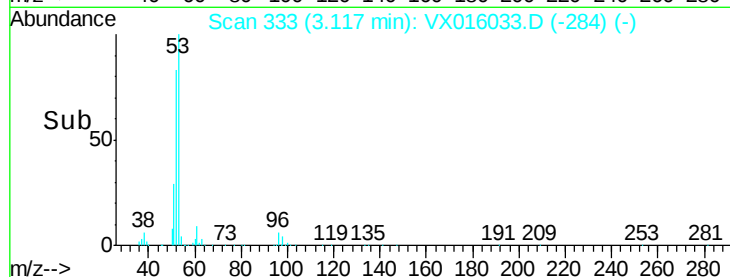
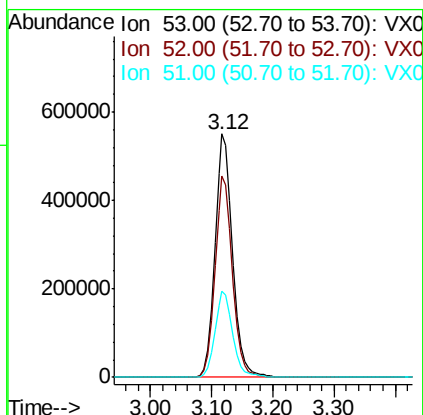
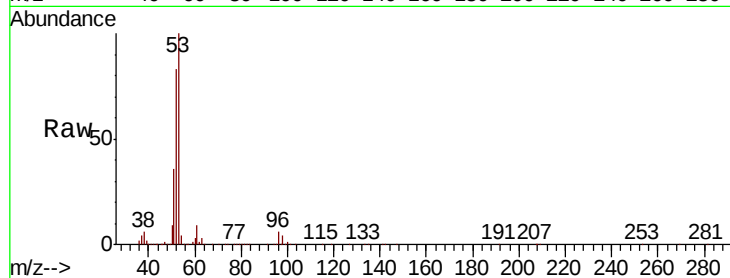


#15
 Acrylonitrile
 Concen: 512.582 ug/l
 RT: 3.12 min Scan# 333
 Delta R.T. -0.00 min
 Lab File: VX016033.D
 Acq: 04 May 2020 13:10

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

Tot Ion: 53 Resp: 1114047

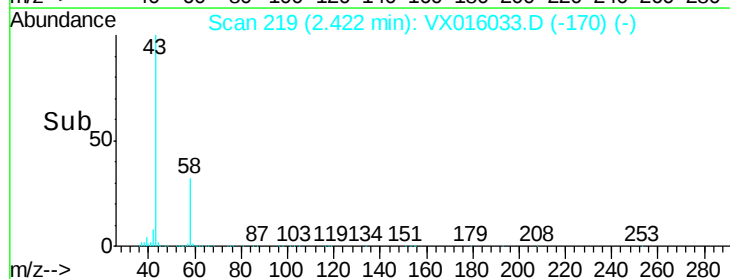
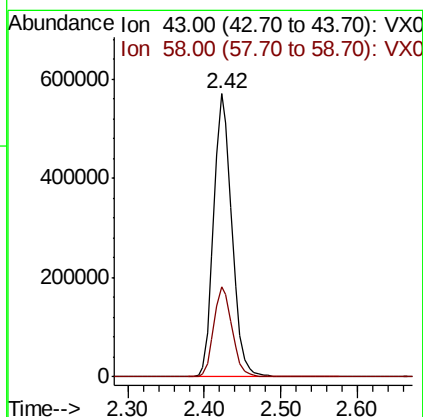
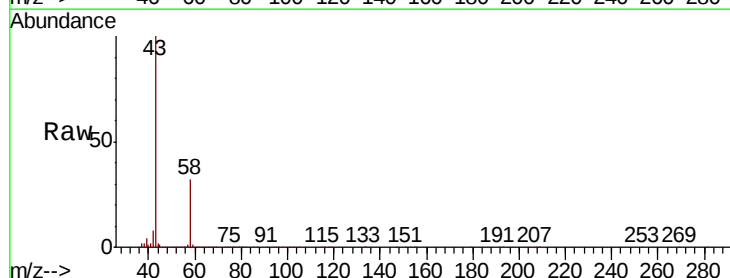
Ion	Ratio	Lower	Upper
53	100		
52	82.2	66.1	99.1
51	35.8	28.8	43.2

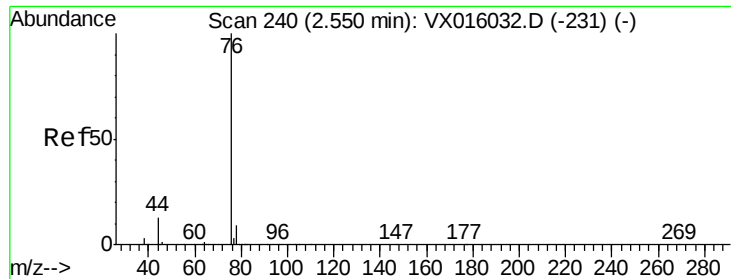


#16
 Acetone
 Concen: 502.945 ug/l
 RT: 2.42 min Scan# 219
 Delta R.T. -0.00 min
 Lab File: VX016033.D
 Acq: 04 May 2020 13:10

Tgt Ion: 43 Resp: 937163

Ion	Ratio	Lower	Upper
43	100		
58	32.0	25.4	38.0

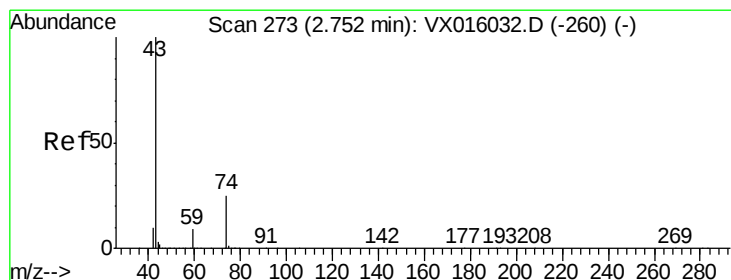
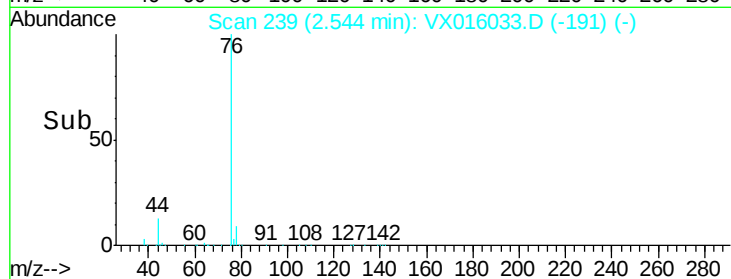
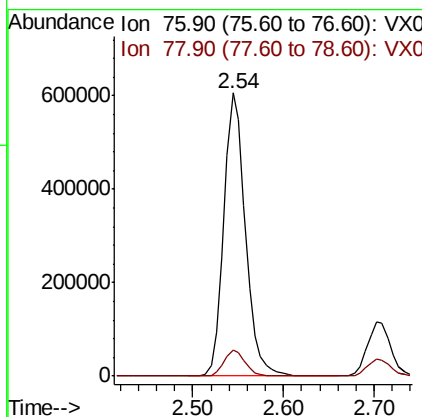
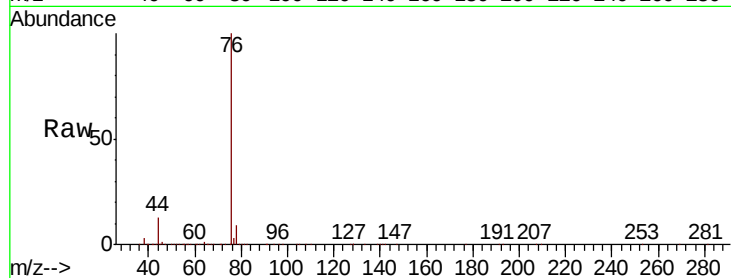




#17
Carbon Disulfide
Concen: 84.884 ug/l
RT: 2.54 min Scan# 239
Delta R.T. -0.01 min
Lab File: VX016033.D
Acq: 04 May 2020 13:10

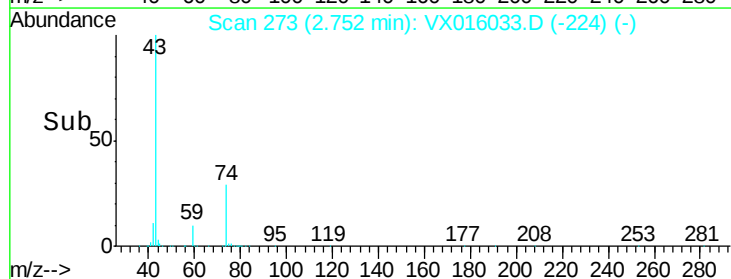
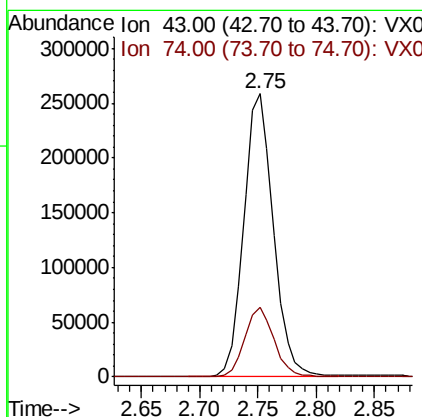
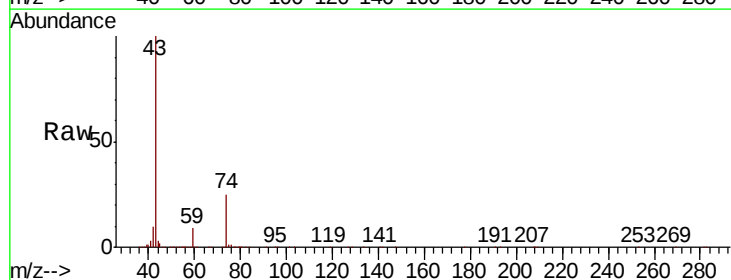
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

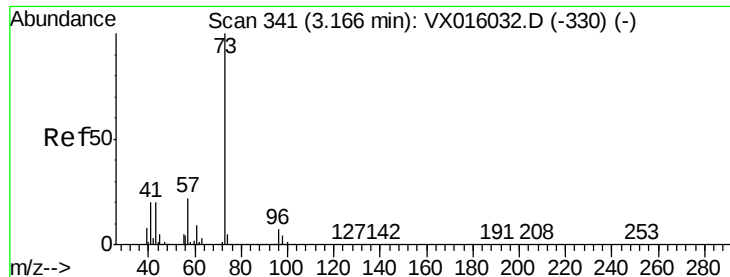
Tot Ion: 76 Resp: 1003232
Ion Ratio Lower Upper
76 100
78 9.1 7.5 11.3



#18
Methyl Acetate
Concen: 99.669 ug/l
RT: 2.75 min Scan# 273
Delta R.T. -0.00 min
Lab File: VX016033.D
Acq: 04 May 2020 13:10

Tgt Ion: 43 Resp: 457567
Ion Ratio Lower Upper
43 100
74 25.0 20.2 30.2



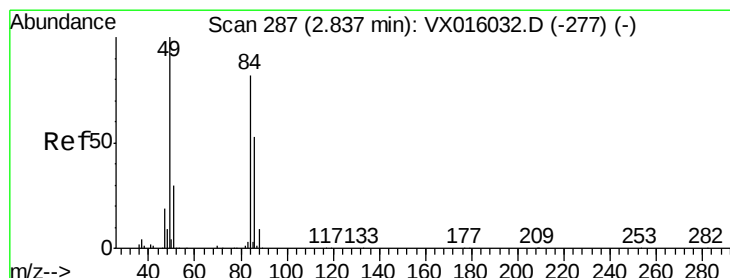
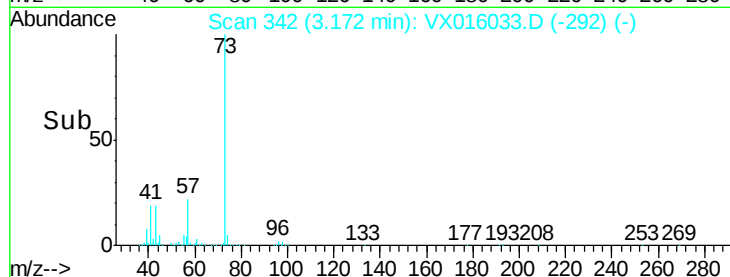
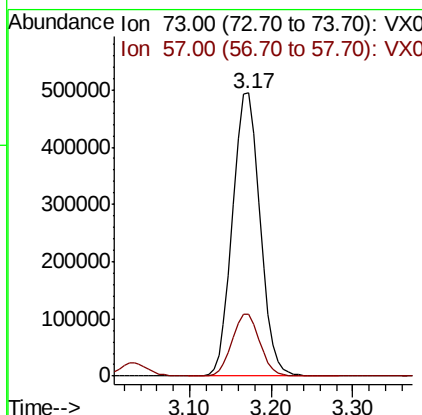
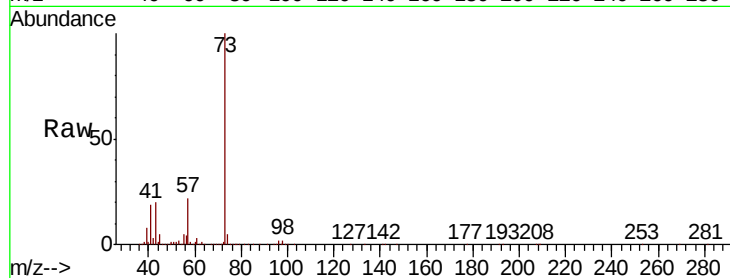


#19

Methyl tert-butyl Ether
 Concen: 102.419 ug/l
 RT: 3.17 min Scan# 342
 Delta R.T. 0.01 min
 Lab File: VX016033.D
 Acq: 04 May 2020 13:10

Instrument :
 MSVOA_X
 ClientSampled :
 VSTDIC100

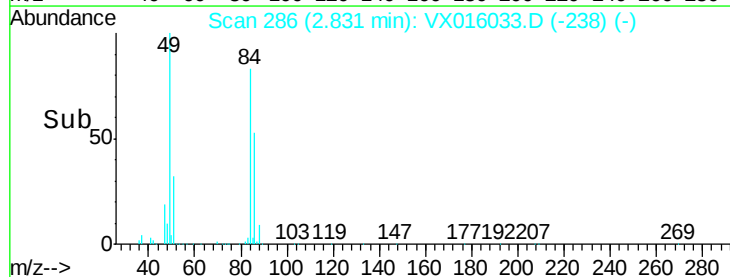
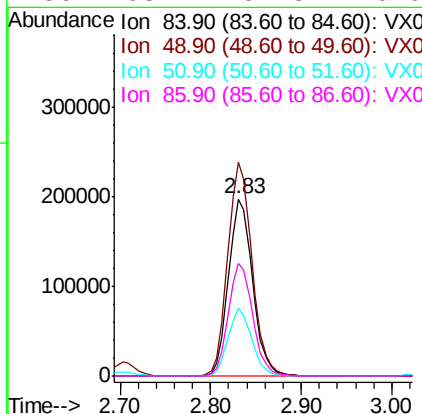
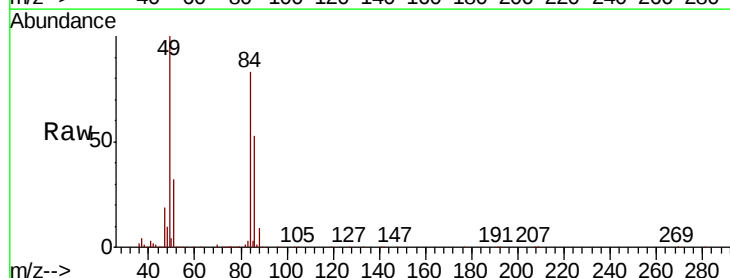
Tot Ion: 73 Resp: 1154745
 Ion Ratio Lower Upper
 73 100
 57 21.9 17.8 26.6



#20

Methylene Chloride
 Concen: 92.754 ug/l
 RT: 2.83 min Scan# 286
 Delta R.T. -0.01 min
 Lab File: VX016033.D
 Acq: 04 May 2020 13:10

Tgt Ion: 84 Resp: 364866
 Ion Ratio Lower Upper
 84 100
 49 120.5 97.3 145.9
 51 38.2 29.3 43.9
 86 63.4 51.3 76.9





#21

trans-1,2-Dichloroethene

Concen: 96.812 ug/l

RT: 3.14 min Scan# 337

Delta R.T. -0.00 min

Lab File: VX016033.D

Acq: 04 May 2020 13:10

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

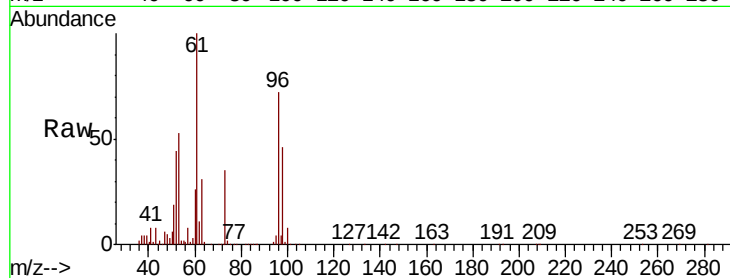
Tot Ion: 96 Resp: 359707

Ion Ratio Lower Upper

96 100

61 139.2 111.2 166.8

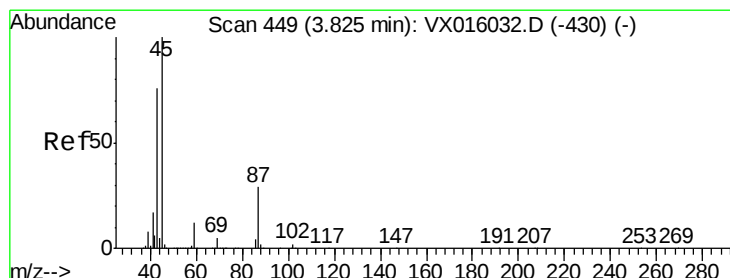
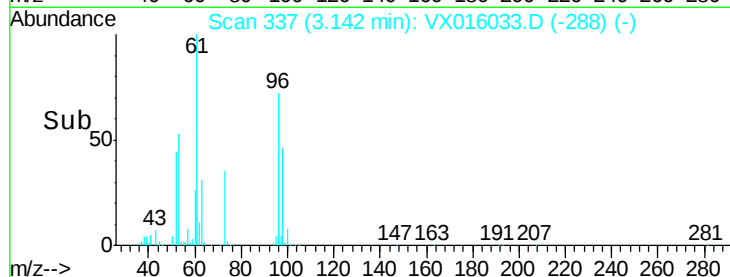
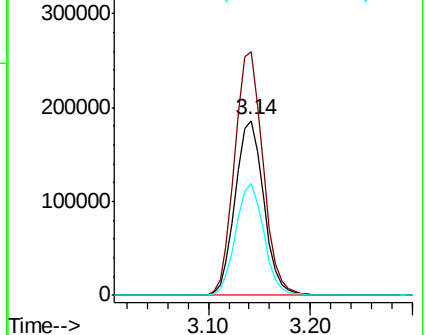
98 63.5 50.2 75.4



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



#22

Diisopropyl ether

Concen: 100.425 ug/l

RT: 3.83 min Scan# 450

Delta R.T. 0.01 min

Lab File: VX016033.D

Acq: 04 May 2020 13:10

Tgt Ion: 45 Resp: 1144769

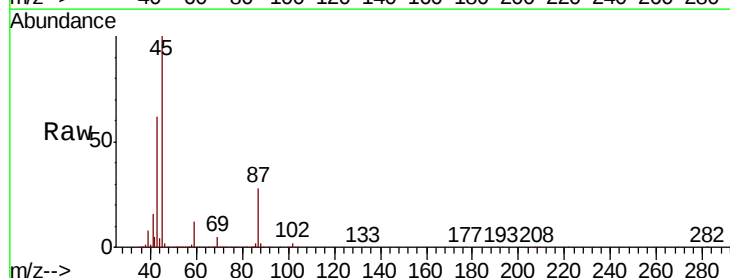
Ion Ratio Lower Upper

45 100

43 61.5 61.1 91.7

87 28.2 23.0 34.6

59 11.7 9.8 14.6

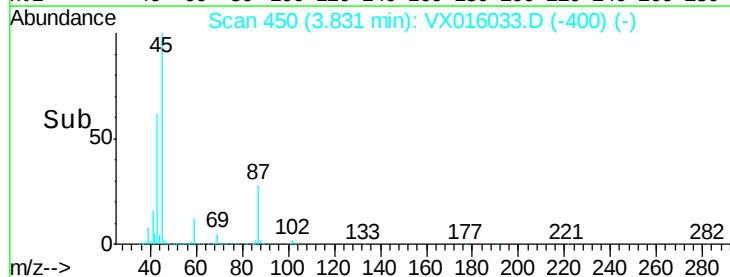
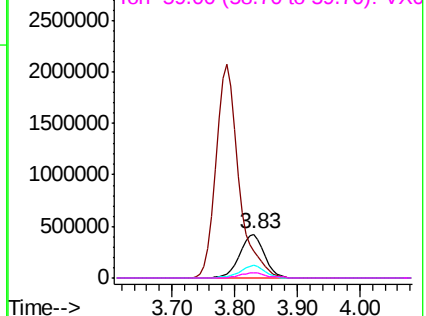


Abundance Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0

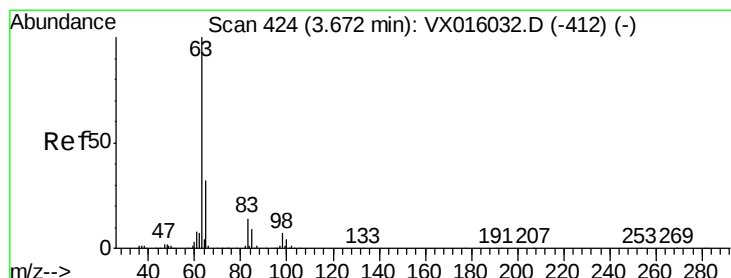
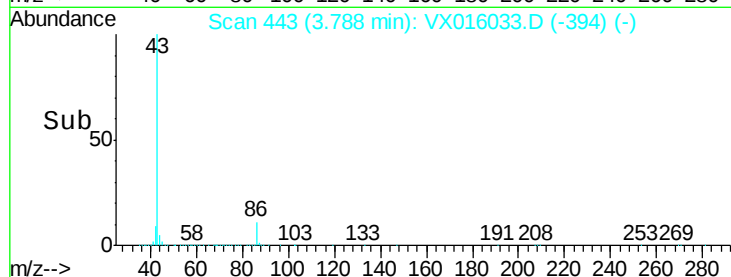
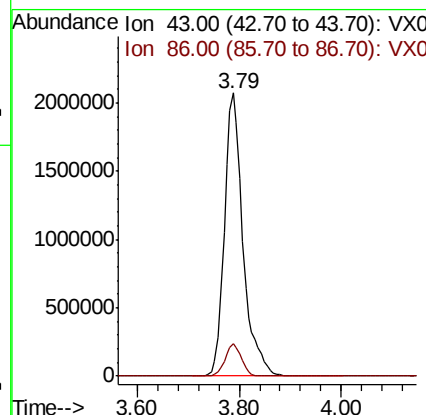
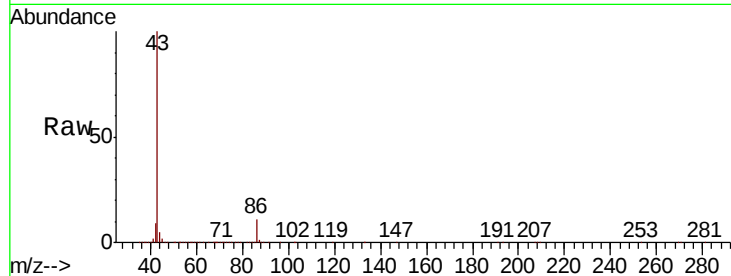




#23
 Vinyl Acetate
 Concen: 528.815 ug/l
 RT: 3.79 min Scan# 443
 Delta R.T. -0.00 min
 Lab File: VX016033.D
 Acq: 04 May 2020 13:10

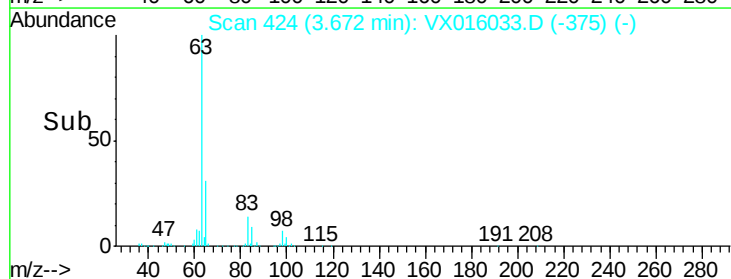
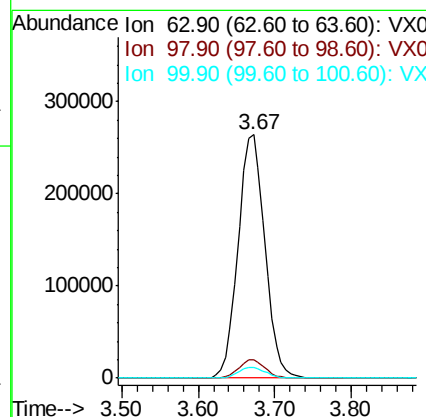
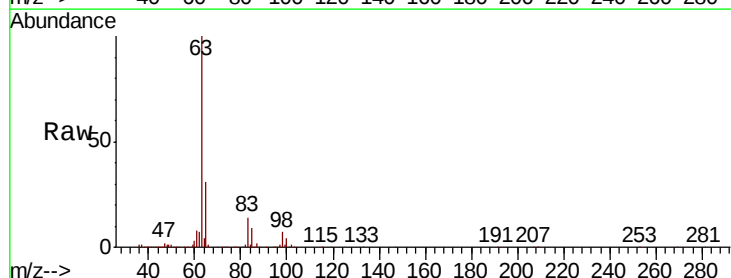
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

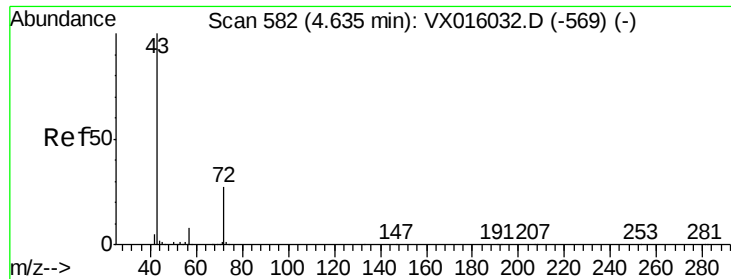
Tot Ion: 43 Resp: 5218090
 Ion Ratio Lower Upper
 43 100
 86 11.4 9.0 13.4



#24
 1,1-Dichloroethane
 Concen: 100.926 ug/l
 RT: 3.67 min Scan# 424
 Delta R.T. -0.00 min
 Lab File: VX016033.D
 Acq: 04 May 2020 13:10

Tgt Ion: 63 Resp: 641625
 Ion Ratio Lower Upper
 63 100
 98 7.4 3.5 10.5
 100 4.5 2.1 6.5

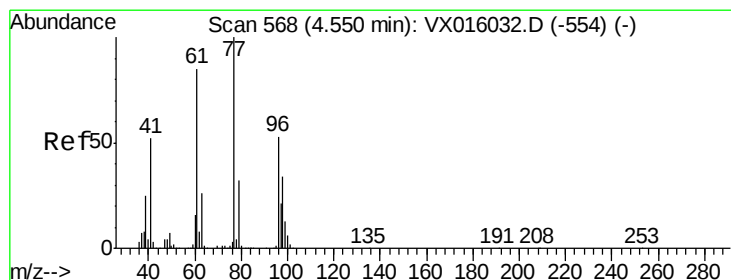
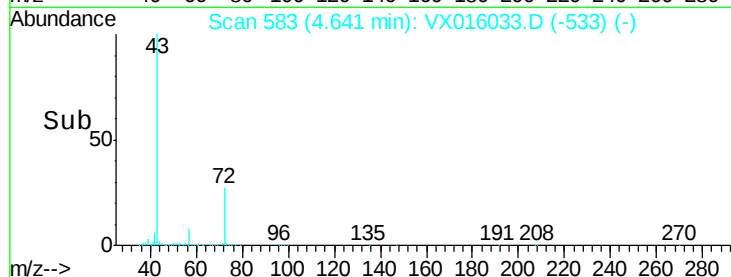
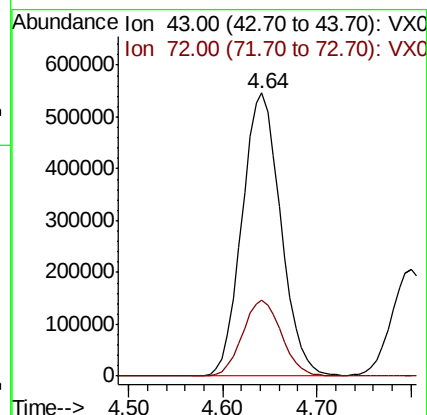
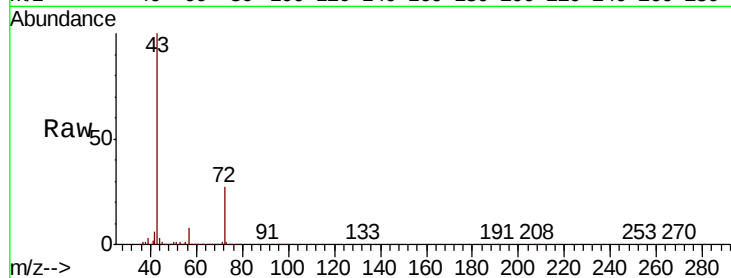




#25
2-Butanone
Concen: 530.439 ug/l
RT: 4.64 min Scan# 583
Delta R.T. 0.01 min
Lab File: VX016033.D
Acq: 04 May 2020 13:10

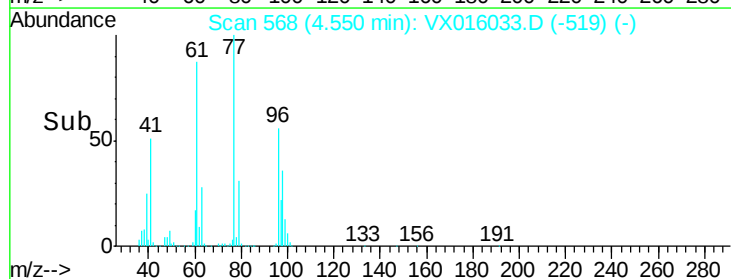
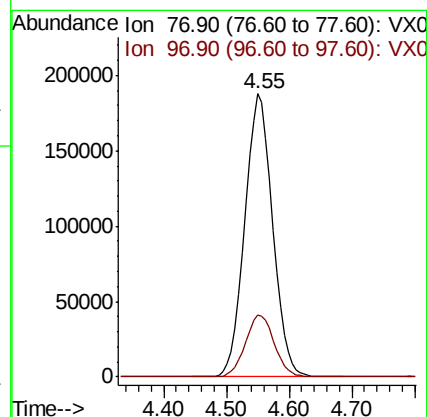
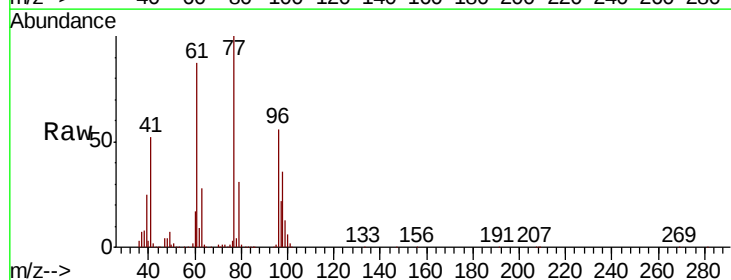
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

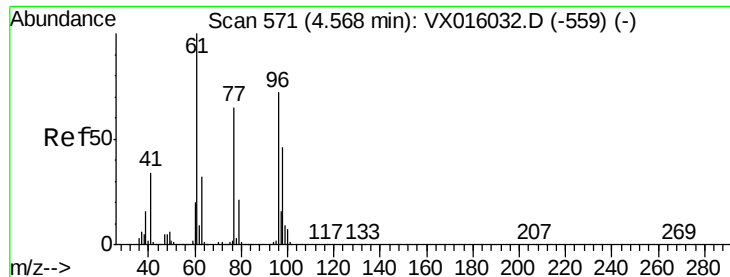
Tot Ion: 43 Resp: 1561587
Ion Ratio Lower Upper
43 100
72 26.7 21.8 32.8



#26
2,2-Dichloropropane
Concen: 97.870 ug/l
RT: 4.55 min Scan# 568
Delta R.T. -0.00 min
Lab File: VX016033.D
Acq: 04 May 2020 13:10

Tgt Ion: 77 Resp: 575733
Ion Ratio Lower Upper
77 100
97 22.6 11.2 33.6



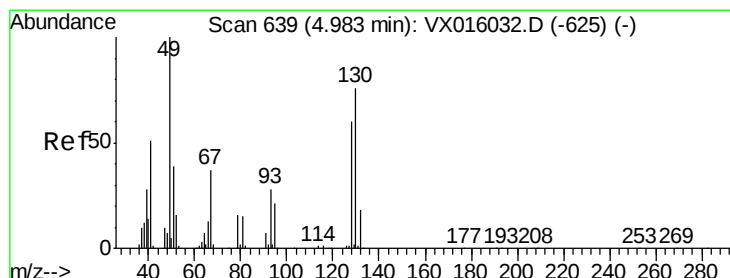
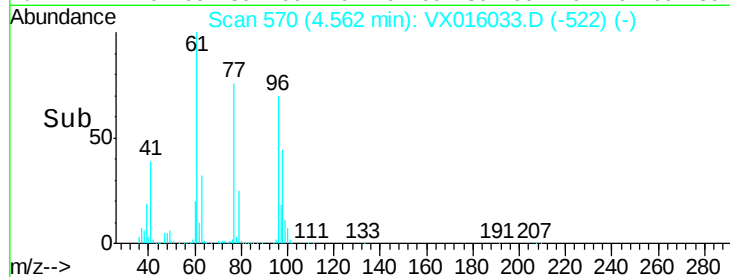
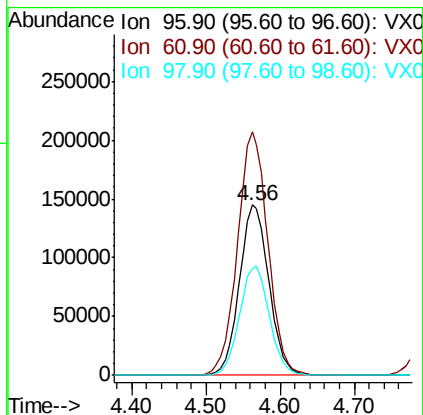
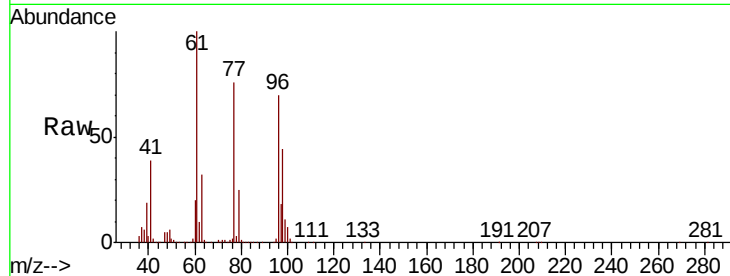


#27

cis-1,2-Dichloroethene
Concen: 100.719 ug/l
RT: 4.56 min Scan# 570
Delta R.T. -0.01 min
Lab File: VX016033.D
Acq: 04 May 2020 13:10

Instrument :
MSVOA_X
ClientSampled :
VSTDICC100

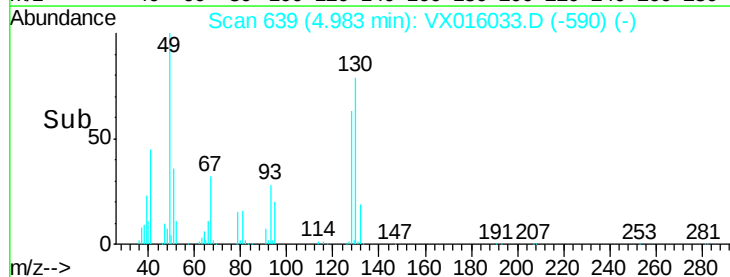
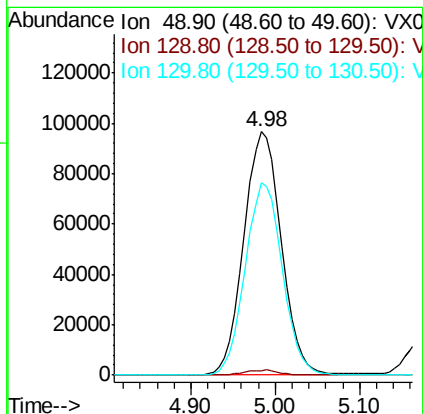
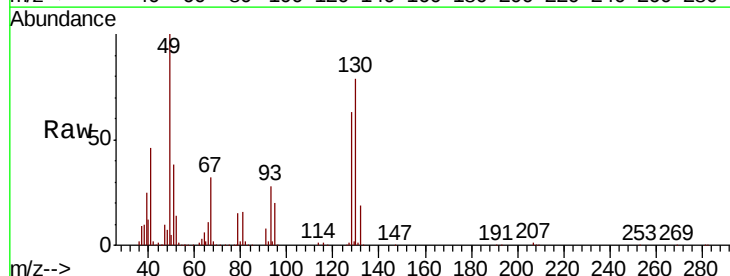
Tot Ion	Ratio	Lower	Upper
96	100		
61	147.3	0.0	296.2
98	64.8	0.0	129.4

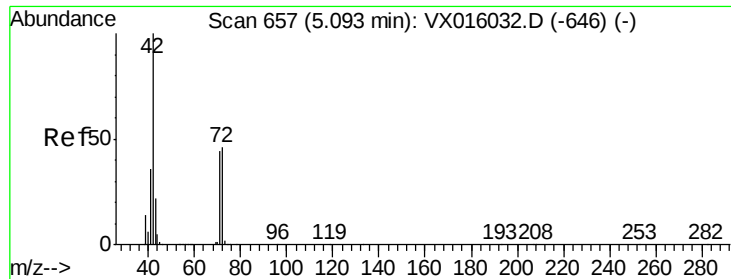


#28

Bromochloromethane
Concen: 101.712 ug/l
RT: 4.98 min Scan# 639
Delta R.T. -0.00 min
Lab File: VX016033.D
Acq: 04 May 2020 13:10

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.9	0.0	4.0
130	78.5	62.4	93.6

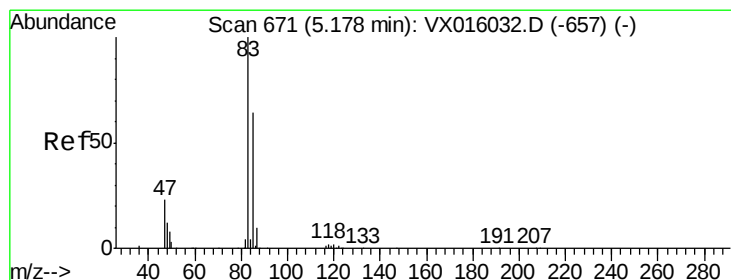
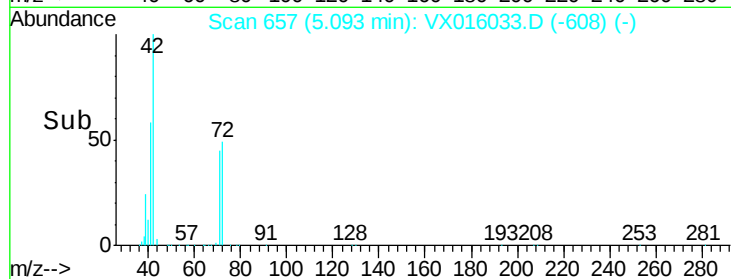
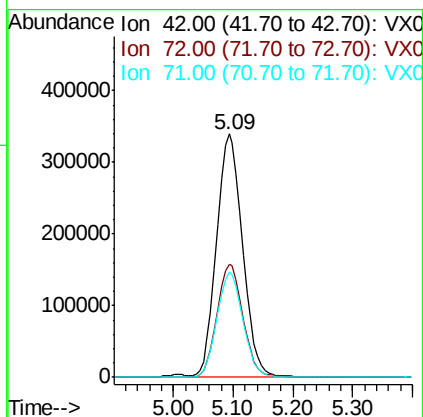
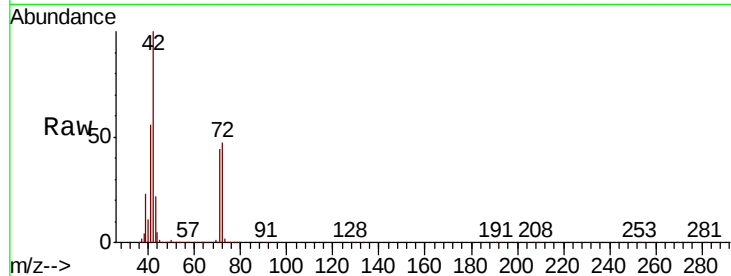




#29
Tetrahydrofuran
Concen: 523.248 ug/l
RT: 5.09 min Scan# 657
Delta R.T. -0.00 min
Lab File: VX016033.D
Acq: 04 May 2020 13:10

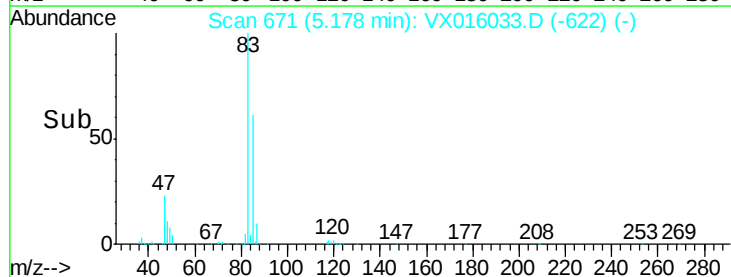
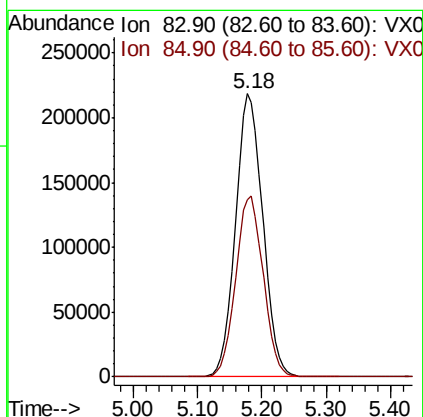
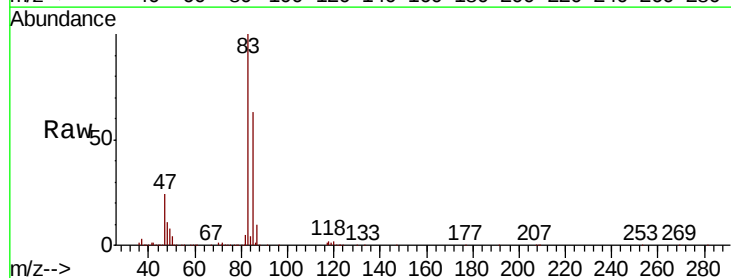
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

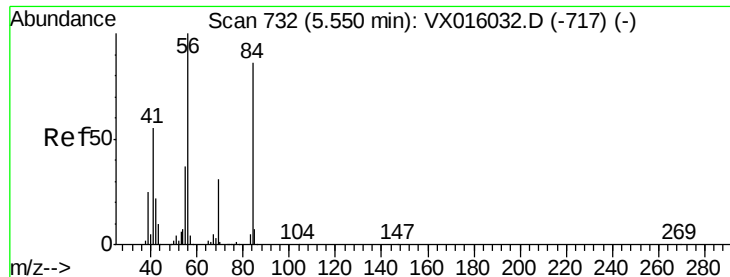
Tot Ion: 42 Resp: 1025774
Ion Ratio Lower Upper
42 100
72 46.7 37.1 55.7
71 43.2 34.5 51.7



#30
Chloroform
Concen: 101.064 ug/l
RT: 5.18 min Scan# 671
Delta R.T. -0.00 min
Lab File: VX016033.D
Acq: 04 May 2020 13:10

Tgt Ion: 83 Resp: 640236
Ion Ratio Lower Upper
83 100
85 62.8 51.6 77.4

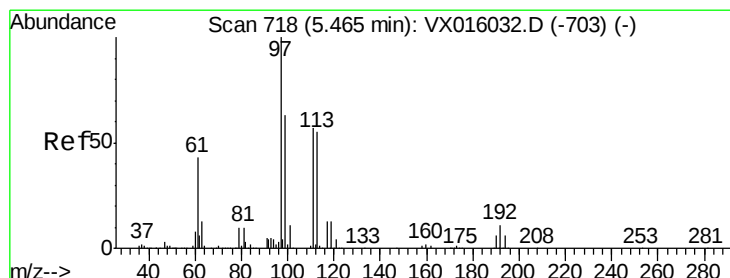
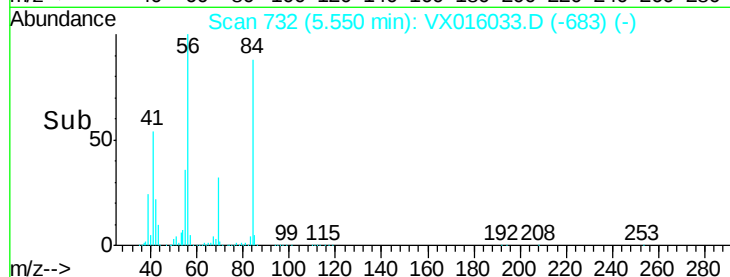
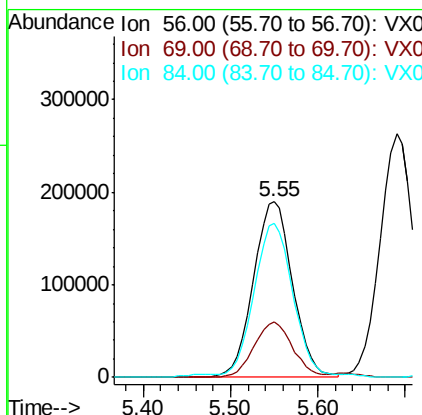
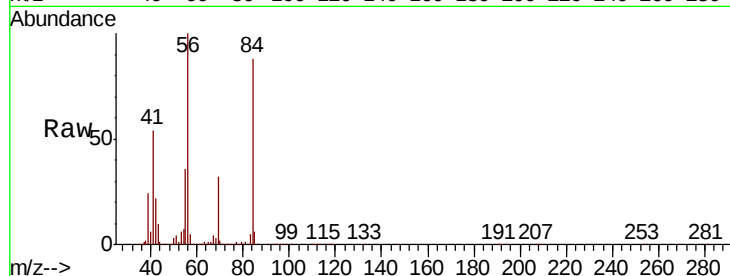




#31
Cyclohexane
Concen: 99.748 ug/l
RT: 5.55 min Scan# 732
Delta R.T. -0.00 min
Lab File: VX016033.D
Acq: 04 May 2020 13:10

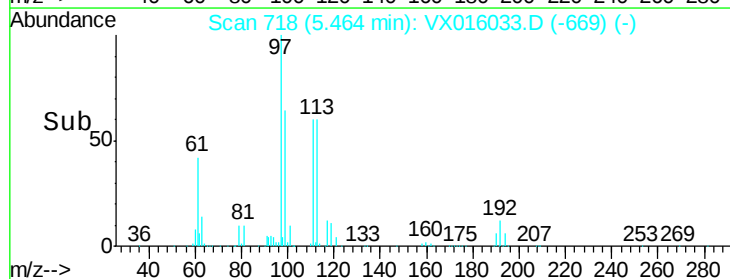
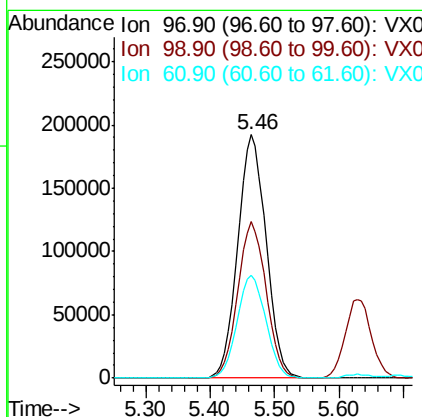
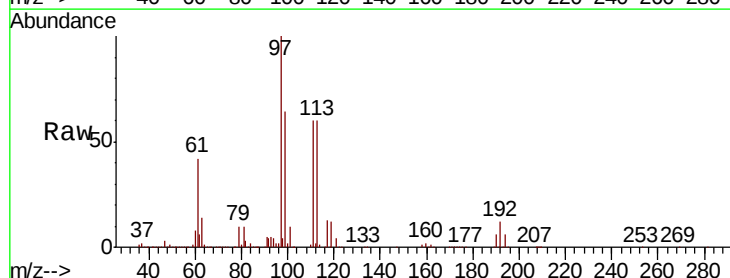
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
56	100		
69	31.7	25.0	37.6
84	86.6	69.0	103.6



#32
1,1,1-Trichloroethane
Concen: 101.564 ug/l
RT: 5.46 min Scan# 718
Delta R.T. -0.00 min
Lab File: VX016033.D
Acq: 04 May 2020 13:10

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.2	51.0	76.4
61	43.1	34.5	51.7





#33

1,2-Dichloroethane-d4

Concen: 87.511 ug/l

RT: 6.04 min Scan# 812

Delta R.T. 0.01 min

Lab File: VX016033.D

Acq: 04 May 2020 13:10

Instrument :

MSVOA_X

ClientSampleId :

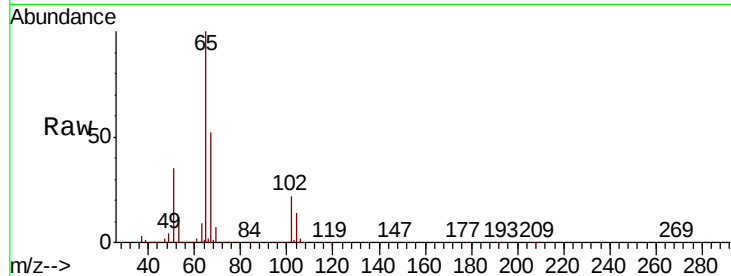
VSTDIC100

Tot Ion: 65 Resp: 421229

Ion Ratio Lower Upper

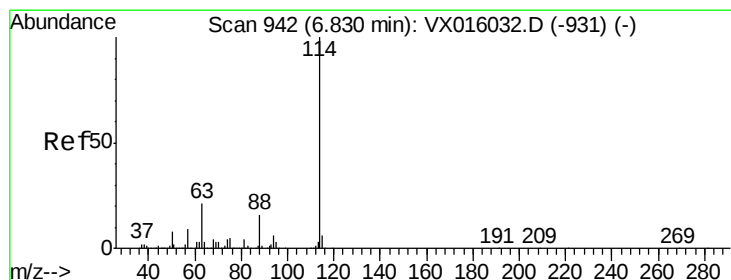
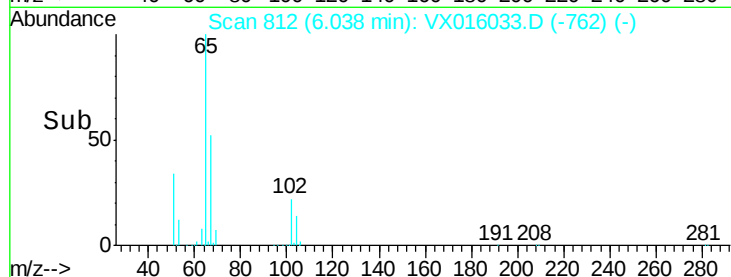
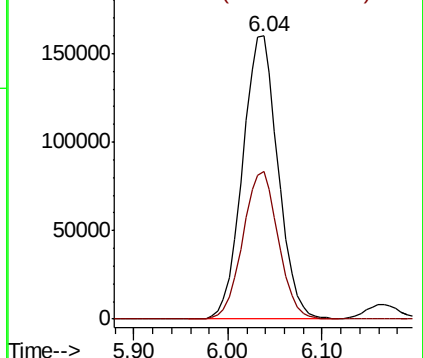
65 100

67 52.2 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: 6.84 min Scan# 943

Delta R.T. 0.01 min

Lab File: VX016033.D

Acq: 04 May 2020 13:10

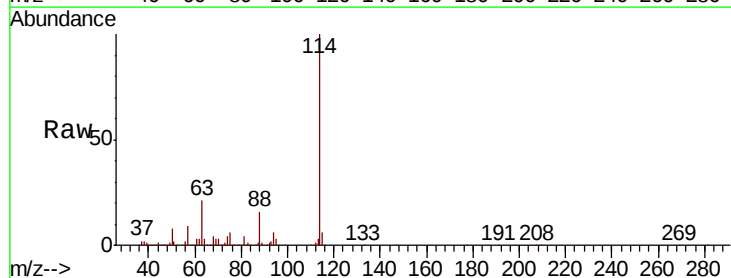
Tgt Ion: 114 Resp: 515241

Ion Ratio Lower Upper

114 100

63 20.8 0.0 42.8

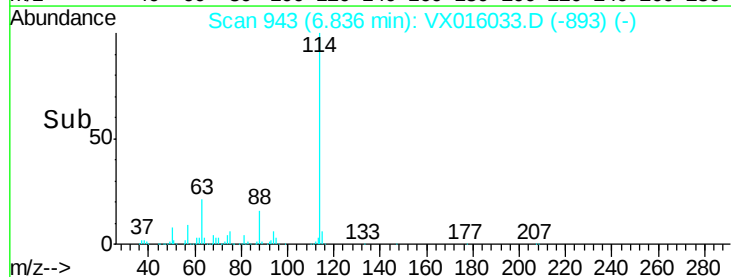
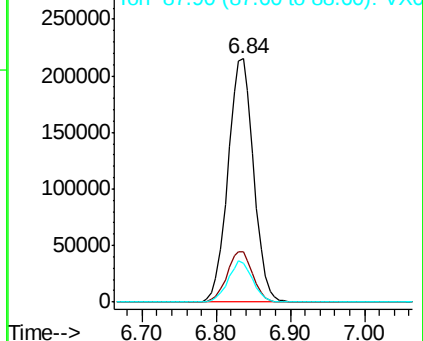
88 16.1 0.0 31.4



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

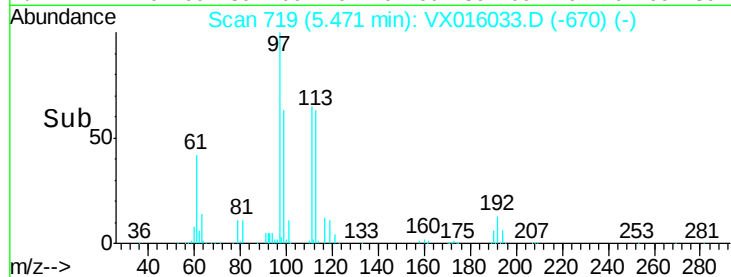
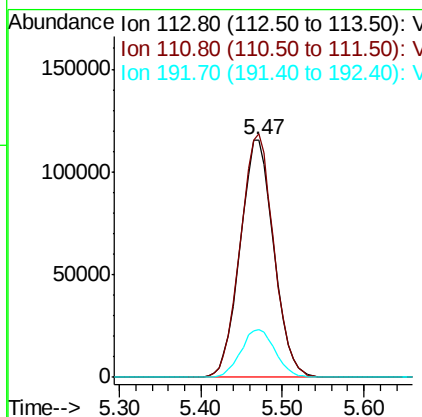
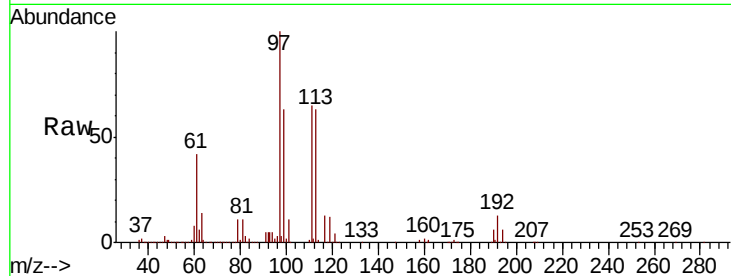




#35
Dibromofluoromethane
Concen: 90.970 ug/l
RT: 5.47 min Scan# 719
Delta R.T. -0.00 min
Lab File: VX016033.D
Acq: 04 May 2020 13:10

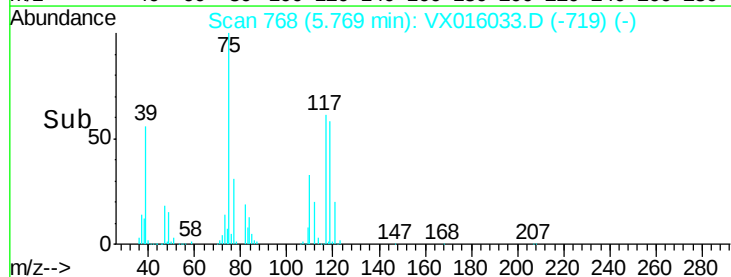
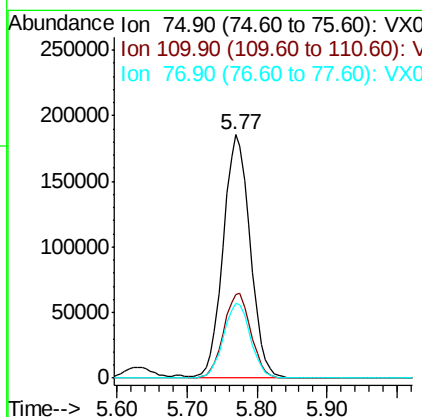
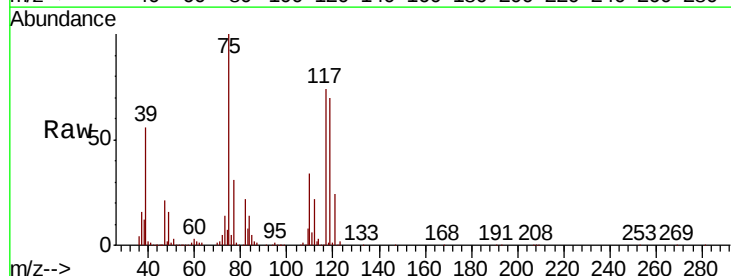
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

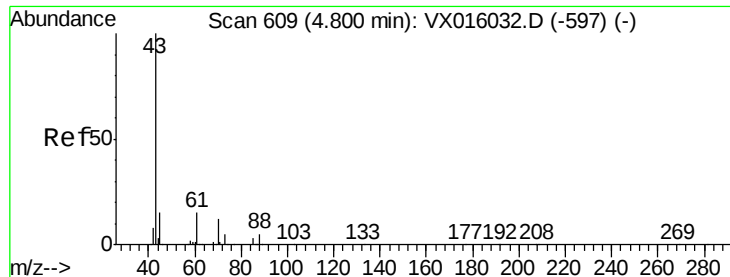
Tot Ion	Ratio	Lower	Upper
113	100		
111	101.9	81.6	122.4
192	20.7	17.0	25.4



#36
1,1-Dichloropropene
Concen: 96.344 ug/l
RT: 5.77 min Scan# 768
Delta R.T. -0.00 min
Lab File: VX016033.D
Acq: 04 May 2020 13:10

Tgt Ion	Ratio	Lower	Upper
75	100		
110	35.3	18.1	54.1
77	31.0	25.0	37.6





#37

Ethyl Acetate

Concen: 102.294 ug/l

RT: 4.80 min Scan# 609

Delta R.T. -0.00 min

Lab File: VX016033.D

Acq: 04 May 2020 13:10

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

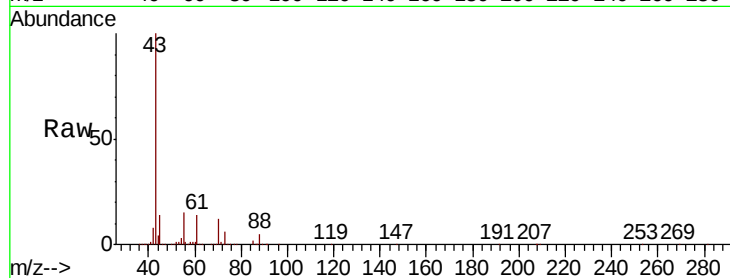
Tot Ion: 43 Resp: 599108

Ion Ratio Lower Upper

43 100

61 14.4 11.7 17.5

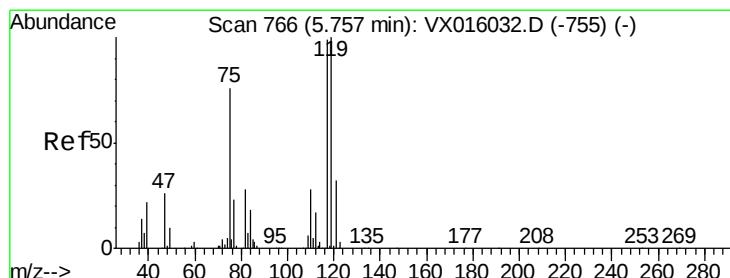
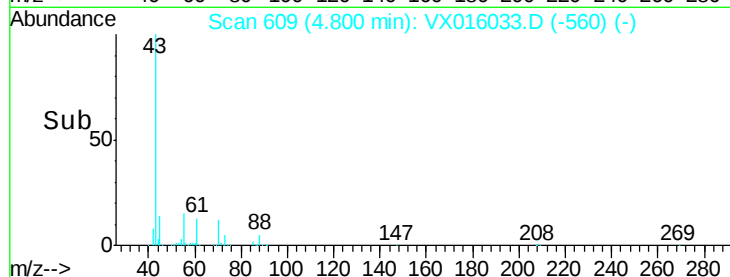
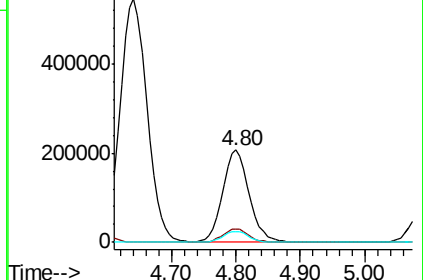
70 11.7 9.3 13.9



Abundance Ion 43.00 (42.70 to 43.70): VX016033.D (-560) (-)

Ion 60.90 (60.60 to 61.60): VX016033.D (-560) (-)

Ion 70.00 (69.70 to 70.70): VX016033.D (-560) (-)



#38

Carbon Tetrachloride

Concen: 100.014 ug/l

RT: 5.76 min Scan# 766

Delta R.T. -0.00 min

Lab File: VX016033.D

Acq: 04 May 2020 13:10

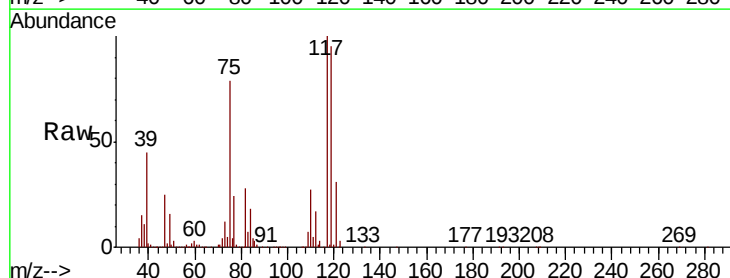
Tgt Ion: 117 Resp: 516904

Ion Ratio Lower Upper

117 100

119 94.9 80.3 120.5

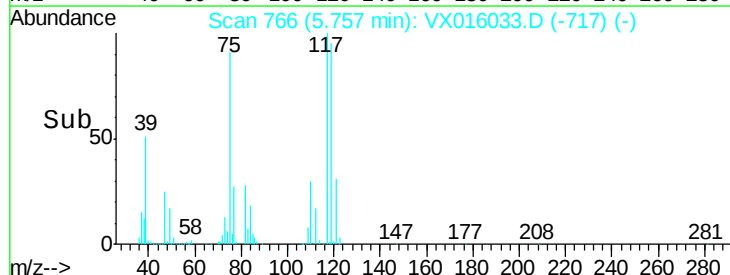
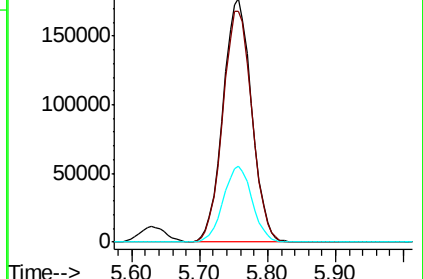
121 31.1 25.7 38.5

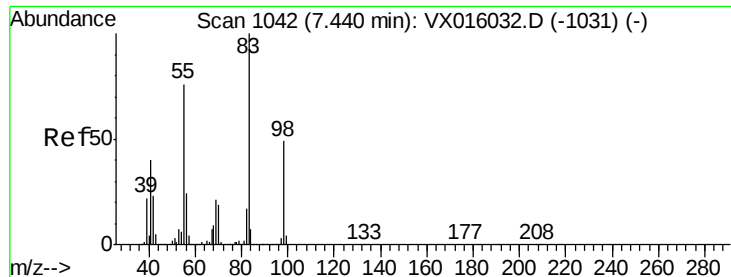


Abundance Ion 116.80 (116.50 to 117.50): VX016033.D (-717) (-)

Ion 118.80 (118.50 to 119.50): VX016033.D (-717) (-)

Ion 120.80 (120.50 to 121.50): VX016033.D (-717) (-)

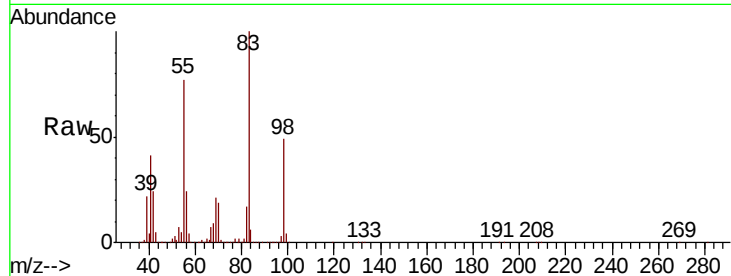




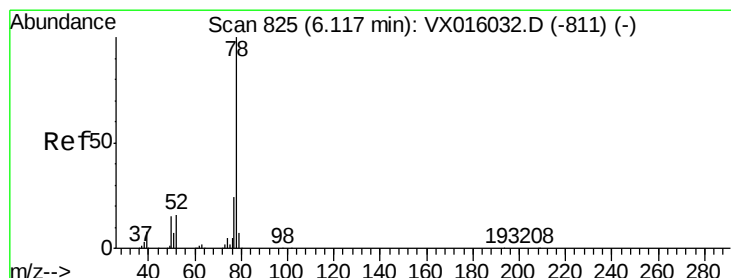
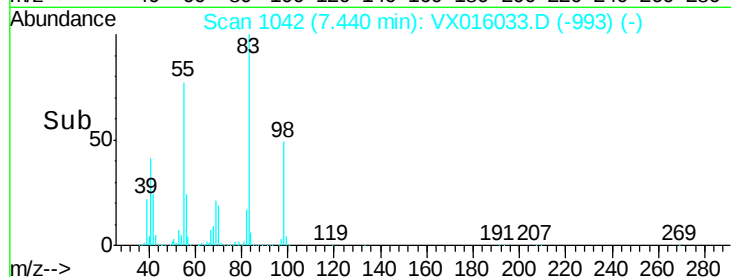
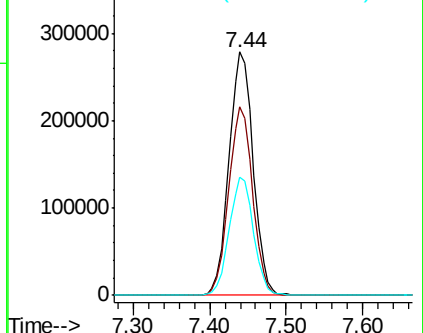
#39
Methvlcvclohexane
Concen: 99.235 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. -0.00 min
Lab File: VX016033.D
Acq: 04 May 2020 13:10

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tot Ion: 83 Resp: 608637
Ion Ratio Lower Upper
83 100
55 77.4 61.1 91.7
98 48.5 39.0 58.4

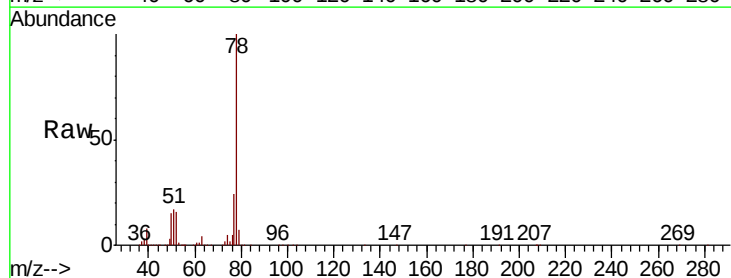


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

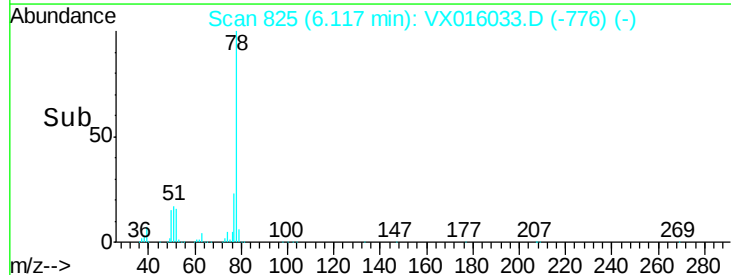
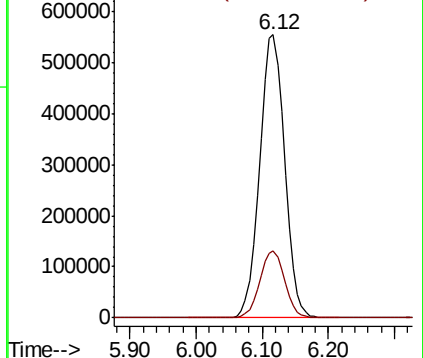


#40
Benzene
Concen: 96.482 ug/l
RT: 6.12 min Scan# 825
Delta R.T. -0.00 min
Lab File: VX016033.D
Acq: 04 May 2020 13:10

Tgt Ion: 78 Resp: 1452223
Ion Ratio Lower Upper
78 100
77 23.6 19.0 28.4



Abundance Ion 78.00 (77.70 to 78.70): VX0
Ion 77.00 (76.70 to 77.70): VX0

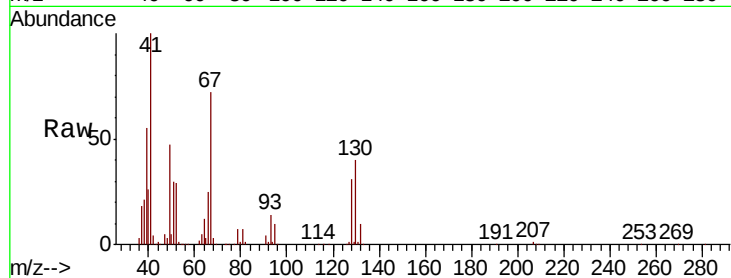




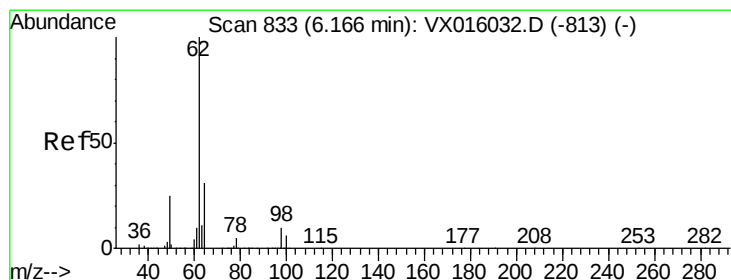
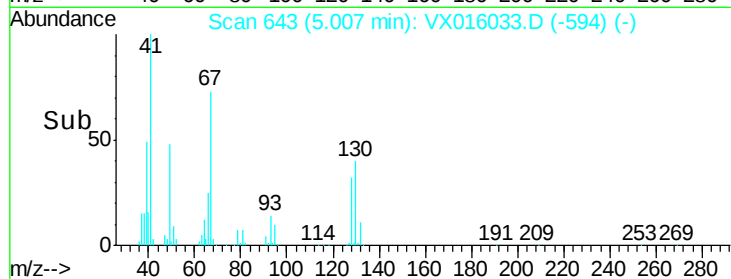
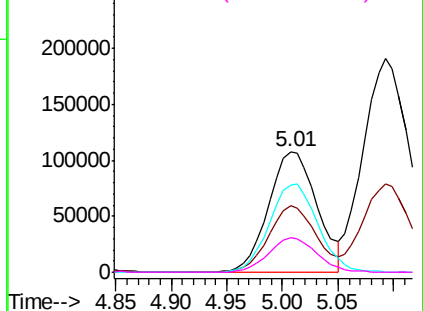
#41
Methacrylonitrile
Concen: 103.017 ug/l
RT: 5.01 min Scan# 643
Delta R.T. -0.00 min
Lab File: VX016033.D
Acq: 04 May 2020 13:10

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tot Ion:	41	Resp:	325841
Ion	Ratio	Lower	Upper
41	100		
39	53.6	43.2	64.8
67	73.6	59.3	88.9
52	28.9	23.5	35.3

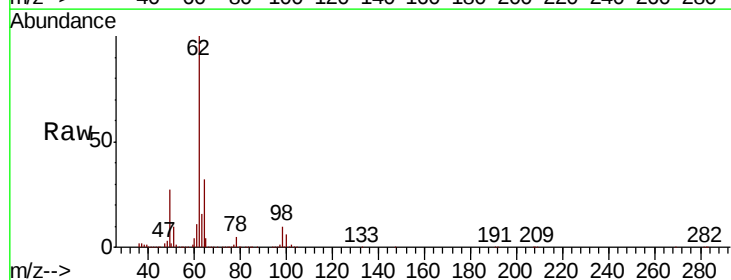


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

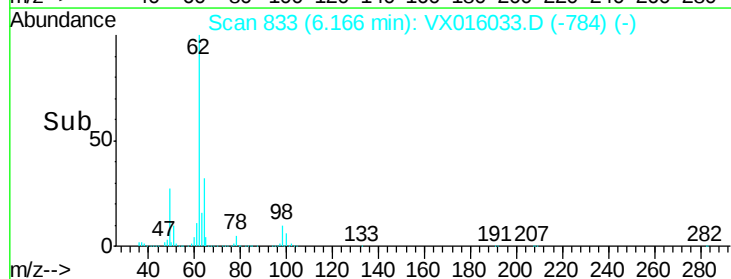
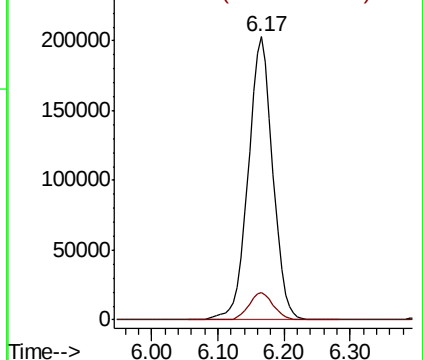


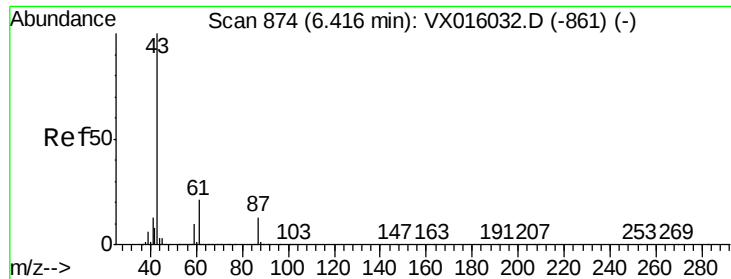
#42
1,2-Dichloroethane
Concen: 96.293 ug/l
RT: 6.17 min Scan# 833
Delta R.T. -0.00 min
Lab File: VX016033.D
Acq: 04 May 2020 13:10

Tgt Ion:	62	Resp:	523568
Ion	Ratio	Lower	Upper
62	100		
98	9.5	0.0	19.4



Abundance Ion 61.90 (61.60 to 62.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



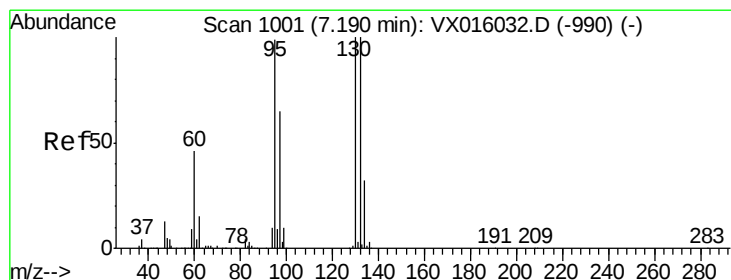
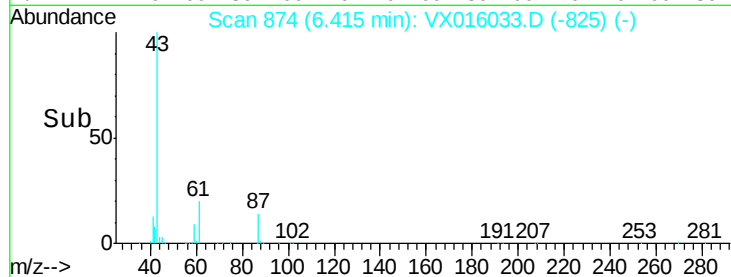
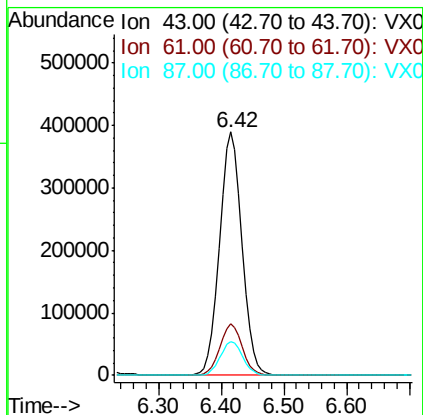
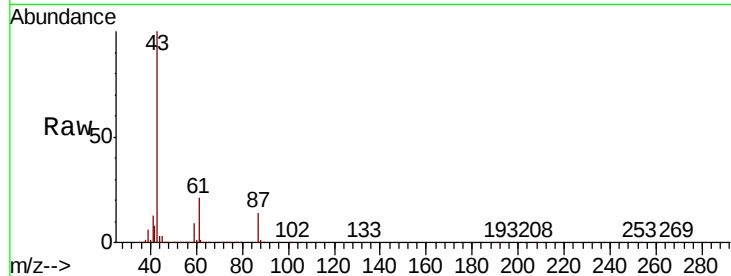


#43

Isopropyl Acetate
 Concen: 102.921 ug/l
 RT: 6.42 min Scan# 874
 Delta R.T. -0.00 min
 Lab File: VX016033.D
 Acq: 04 May 2020 13:10

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

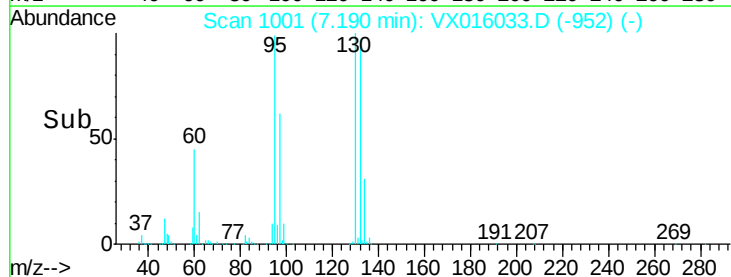
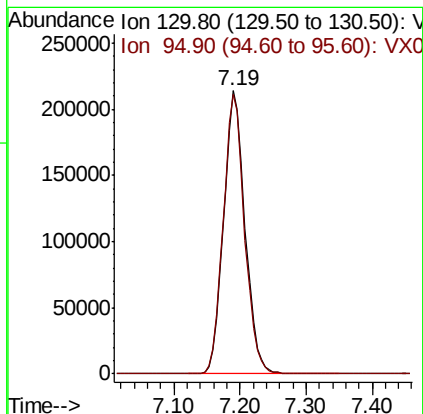
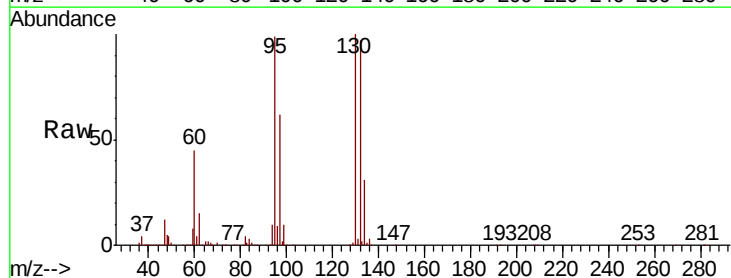
Tot Ion	43	Resp	959183
Ion Ratio	100	Lower	Upper
61	21.1	17.0	25.4
87	13.9	11.0	16.6

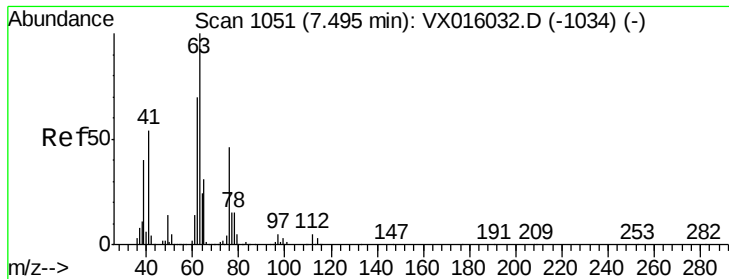


#44

Trichloroethene
 Concen: 86.085 ug/l
 RT: 7.19 min Scan# 1001
 Delta R.T. -0.00 min
 Lab File: VX016033.D
 Acq: 04 May 2020 13:10

Tgt Ion	130	Resp	479135
Ion Ratio	100	Lower	Upper
95	98.7	0.0	197.4





#45

1,2-Dichloropropane

Concen: 98.715 ug/l

RT: 7.49 min Scan# 1051

Delta R.T. -0.00 min

Lab File: VX016033.D

Acq: 04 May 2020 13:10

Instrument :

MSVOA_X

ClientSampleId :

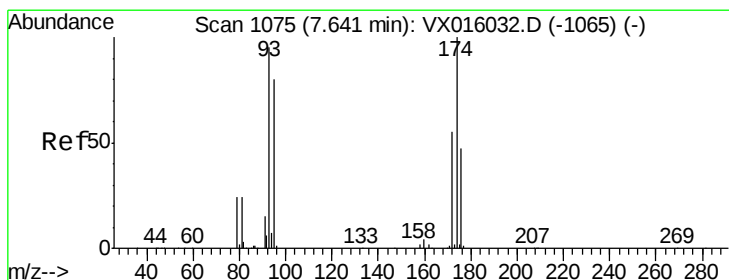
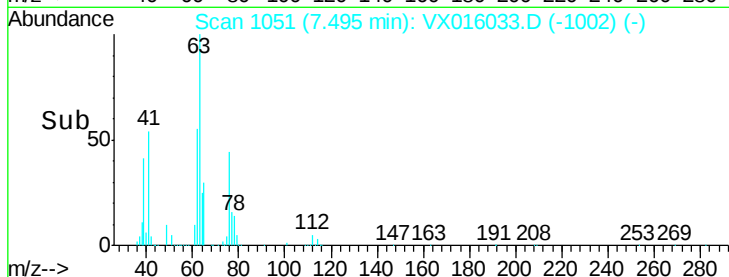
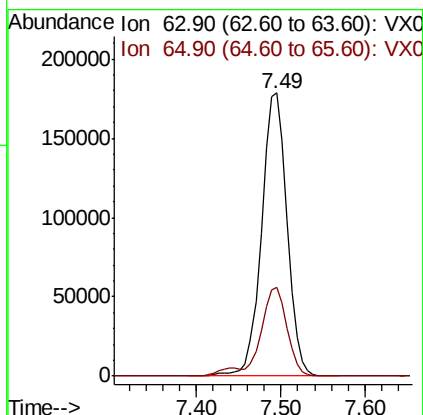
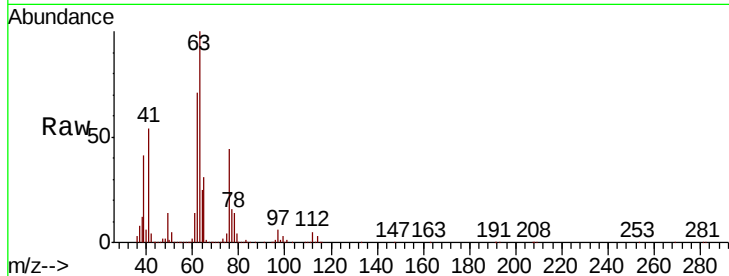
VSTDIC100

Tot Ion: 63 Resp: 373120

Ion Ratio Lower Upper

63 100

65 31.4 24.4 36.6



#46

Dibromomethane

Concen: 98.515 ug/l

RT: 7.64 min Scan# 1075

Delta R.T. -0.00 min

Lab File: VX016033.D

Acq: 04 May 2020 13:10

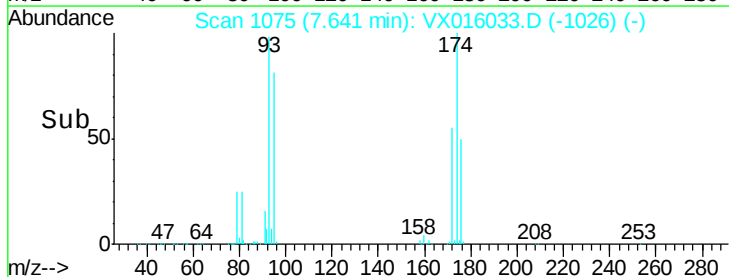
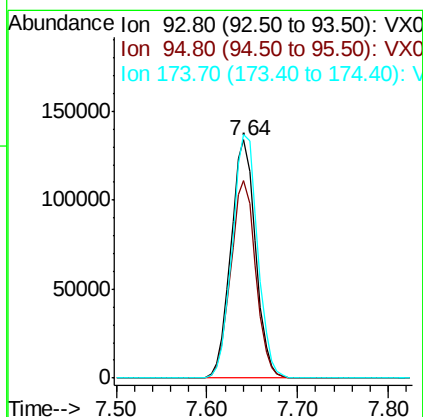
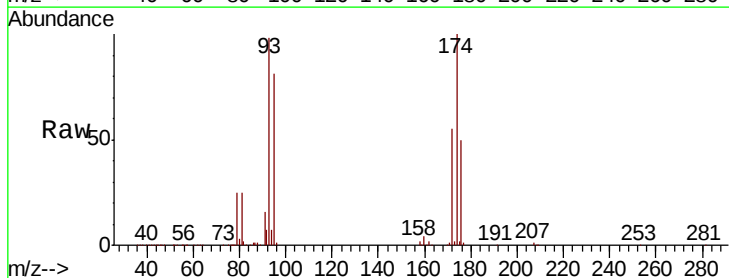
Tgt Ion: 93 Resp: 253204

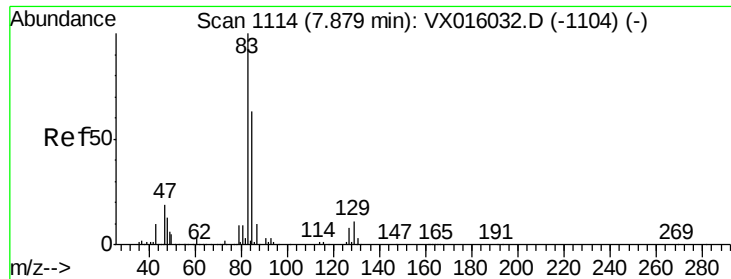
Ion Ratio Lower Upper

93 100

95 83.9 66.6 100.0

174 104.9 84.2 126.4





#47

Bromodichloromethane

Concen: 102.768 ug/l

RT: 7.88 min Scan# 1114

Delta R.T. -0.00 min

Lab File: VX016033.D

Acq: 04 May 2020 13:10

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

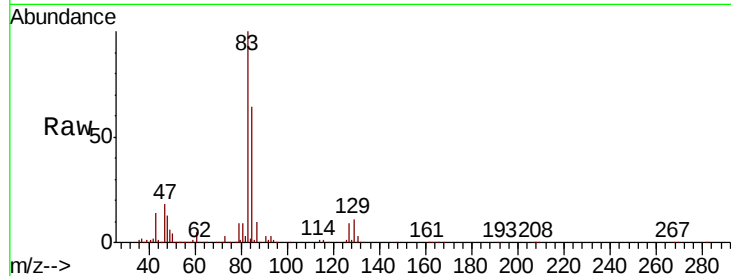
Tot Ion: 83 Resp: 530322

Ion Ratio Lower Upper

83 100

85 64.5 50.5 75.7

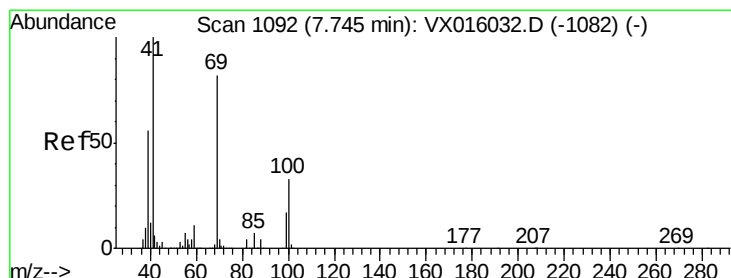
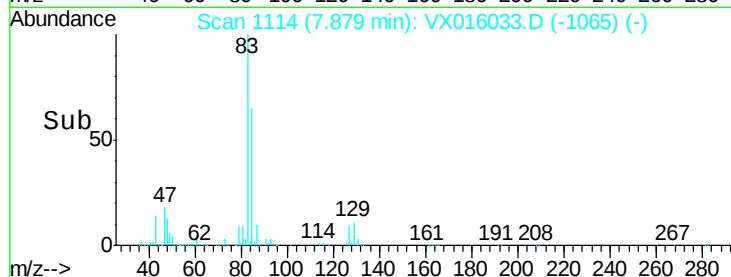
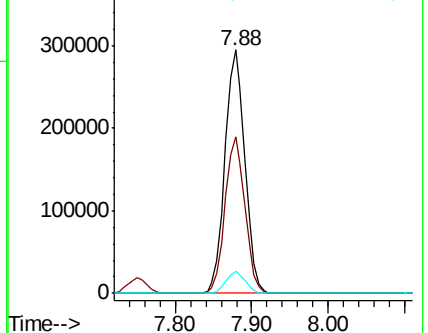
127 8.9 6.7 10.1



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: 104.670 ug/l

RT: 7.75 min Scan# 1093

Delta R.T. 0.01 min

Lab File: VX016033.D

Acq: 04 May 2020 13:10

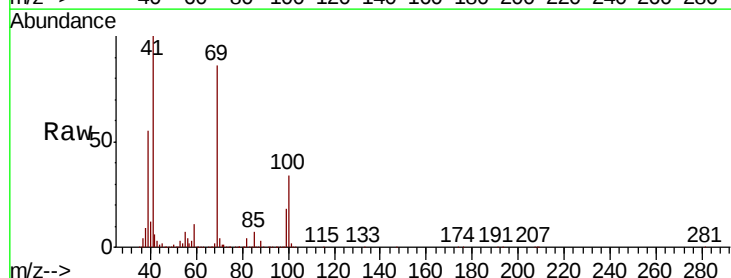
Tgt Ion: 41 Resp: 459006

Ion Ratio Lower Upper

41 100

69 84.8 67.8 101.6

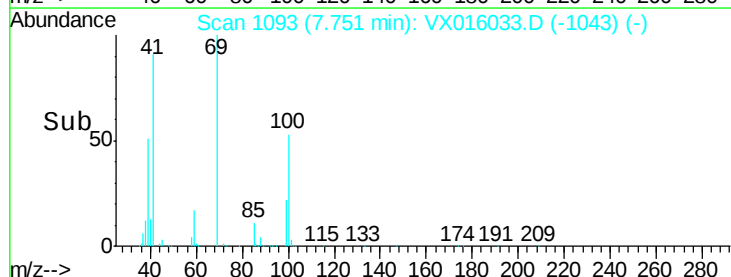
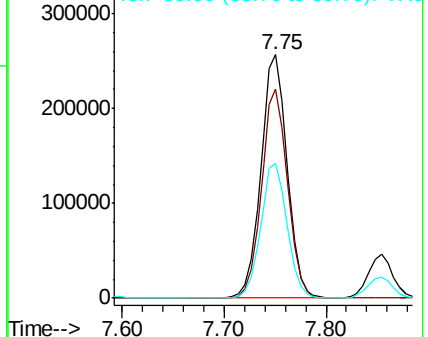
39 55.5 44.6 67.0

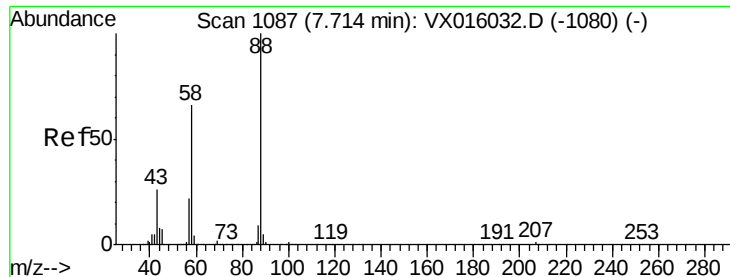


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#49

1,4-Dioxane

Concen: 2035.398 ug/l

RT: 7.72 min Scan# 1088

Delta R.T. 0.01 min

Lab File: VX016033.D

Acq: 04 May 2020 13:10

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

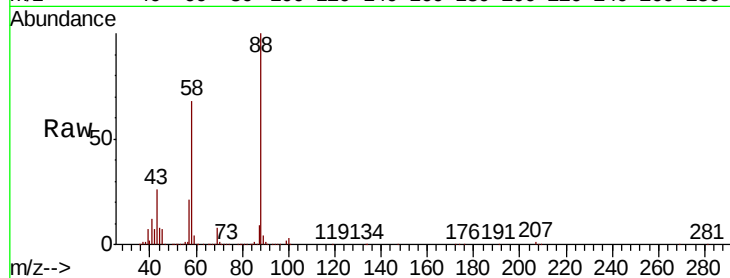
Tot Ion: 88 Resp: 215883

Ion Ratio Lower Upper

88 100

43 31.2 25.3 37.9

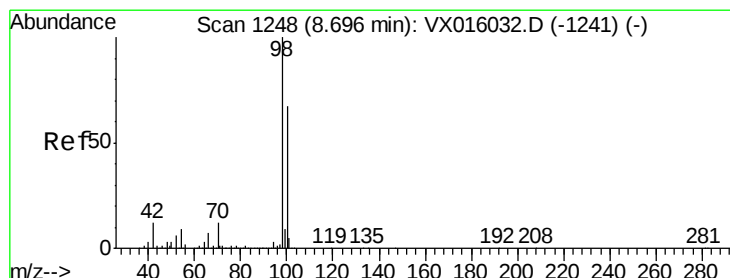
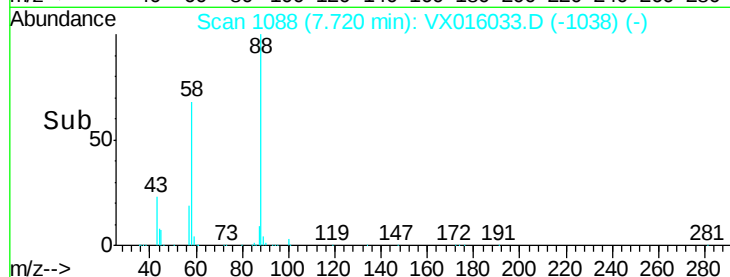
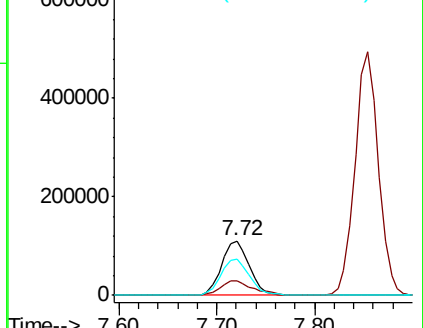
58 69.9 55.9 83.9



Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#50

Toluene-d8

Concen: 95.110 ug/l

RT: 8.70 min Scan# 1249

Delta R.T. 0.01 min

Lab File: VX016033.D

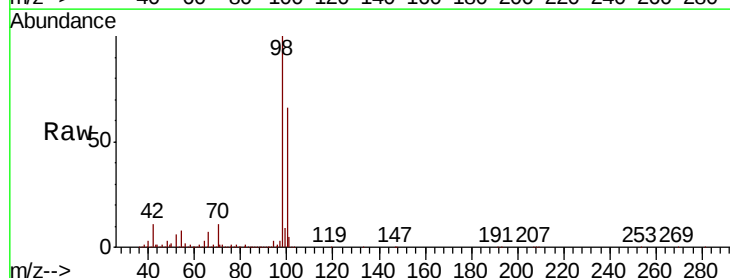
Acq: 04 May 2020 13:10

Tgt Ion: 98 Resp: 1290911

Ion Ratio Lower Upper

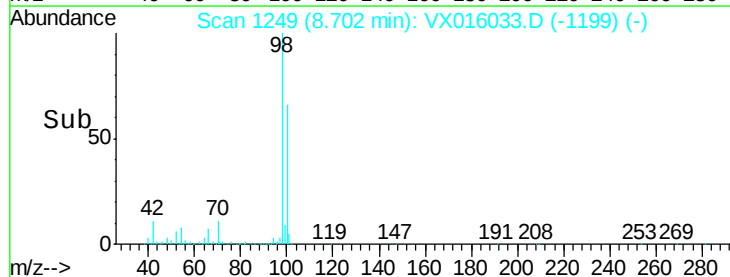
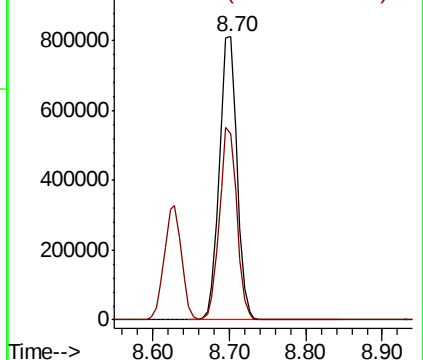
98 100

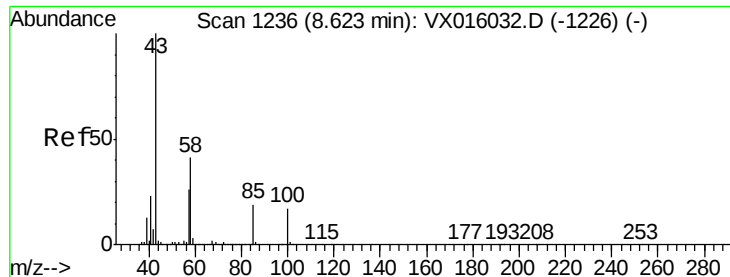
100 66.8 53.7 80.5



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V





#51

4-Methyl-2-Pentanone

Concen: 522.810 ug/l

RT: 8.62 min Scan# 1236

Delta R.T. -0.00 min

Lab File: VX016033.D

Acq: 04 May 2020 13:10

Instrument :

MSVOA_X

ClientSampleId :

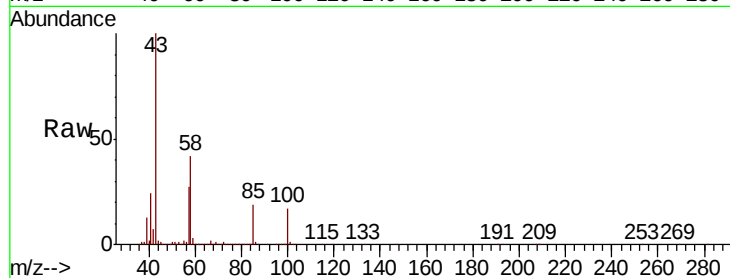
VSTDIC100

Tot Ion: 43 Resp: 2966419

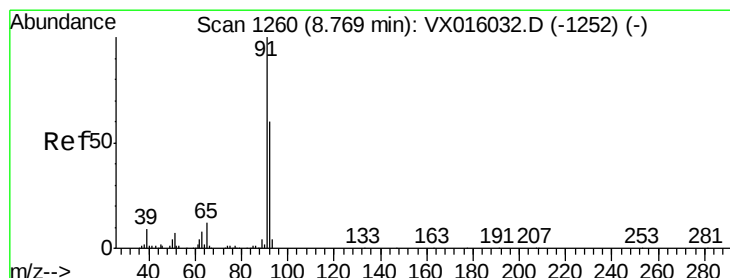
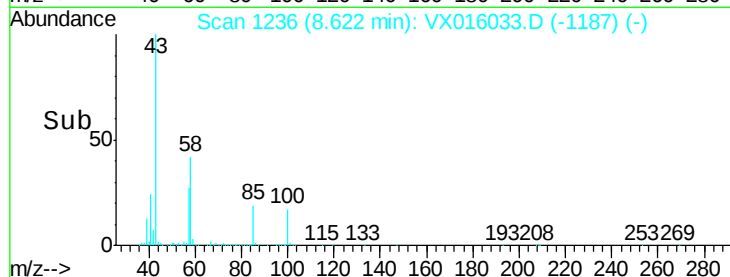
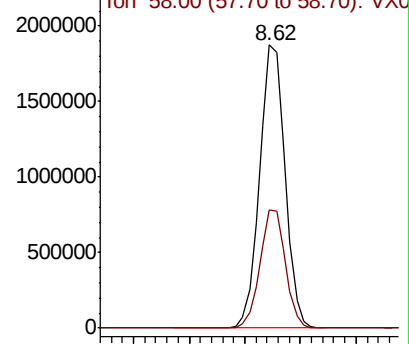
Ion Ratio Lower Upper

43 100

58 41.8 33.0 49.4



Abundance Ion 43.00 (42.70 to 43.70): VX0



#52

Toluene

Concen: 100.332 ug/l

RT: 8.77 min Scan# 1260

Delta R.T. -0.00 min

Lab File: VX016033.D

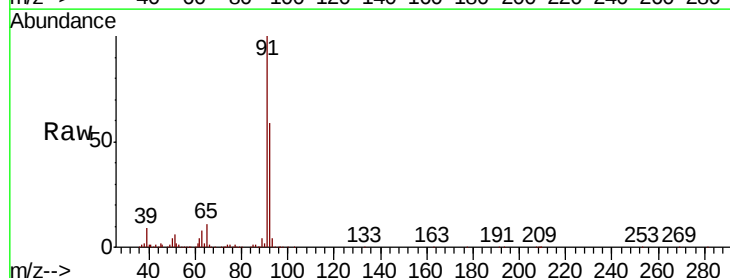
Acq: 04 May 2020 13:10

Tgt Ion: 92 Resp: 930433

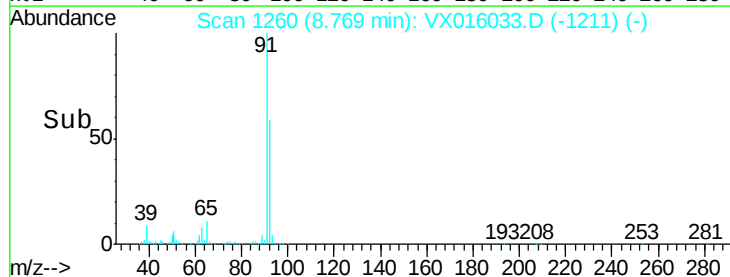
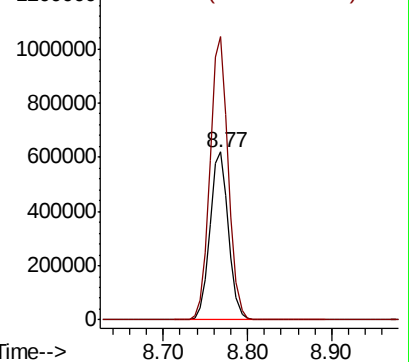
Ion Ratio Lower Upper

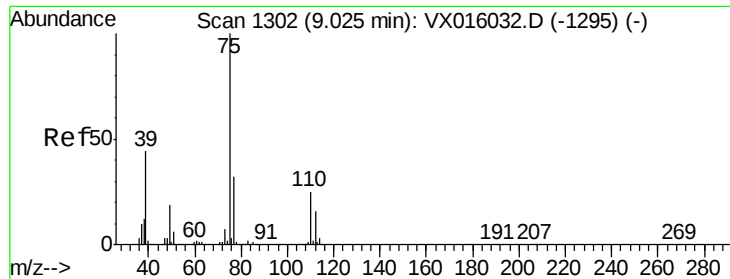
92 100

91 167.7 134.5 201.7



Abundance Ion 92.00 (91.70 to 92.70): VX0





#53

t-1,3-Dichloropropene

Concen: 101.293 ug/l

RT: 9.02 min Scan# 1302

Delta R.T. -0.00 min

Lab File: VX016033.D

Acq: 04 May 2020 13:10

Instrument :

MSVOA_X

ClientSampleId :

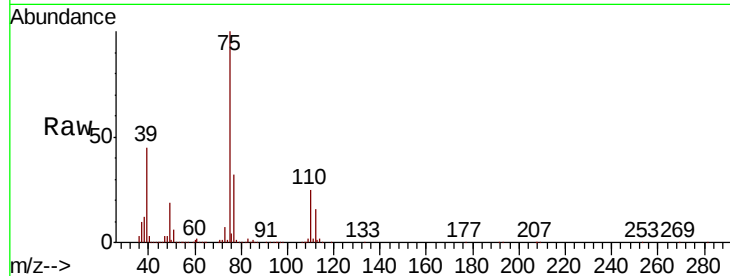
VSTDIC100

Tot Ion: 75 Resp: 625432

Ion Ratio Lower Upper

75 100

77 32.0 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

400000

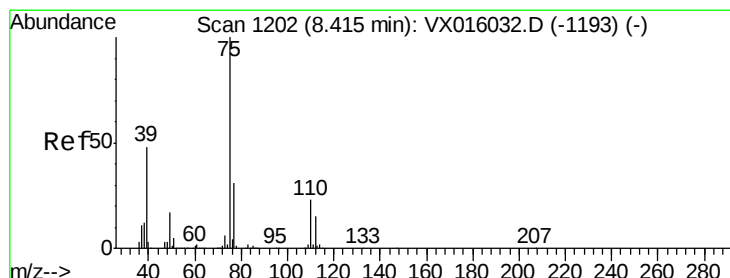
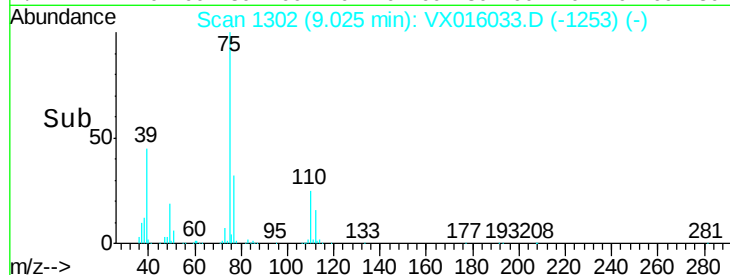
300000

200000

100000

0

Time--> 8.90 9.00 9.10



#54

cis-1,3-Dichloropropene

Concen: 99.966 ug/l

RT: 8.42 min Scan# 1202

Delta R.T. -0.00 min

Lab File: VX016033.D

Acq: 04 May 2020 13:10

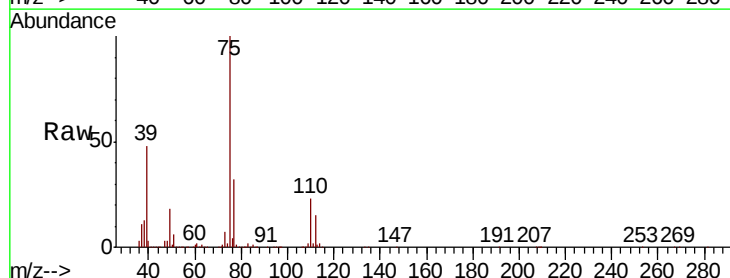
Tgt Ion: 75 Resp: 648512

Ion Ratio Lower Upper

75 100

77 32.3 24.7 37.1

39 47.5 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

400000

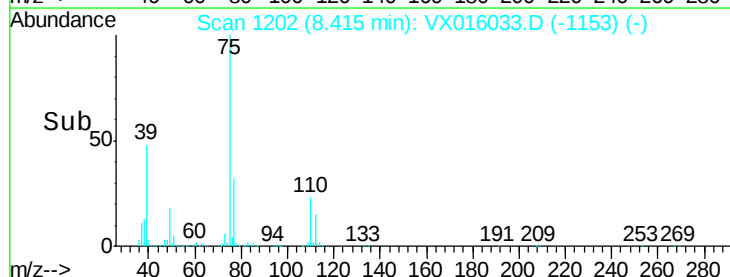
300000

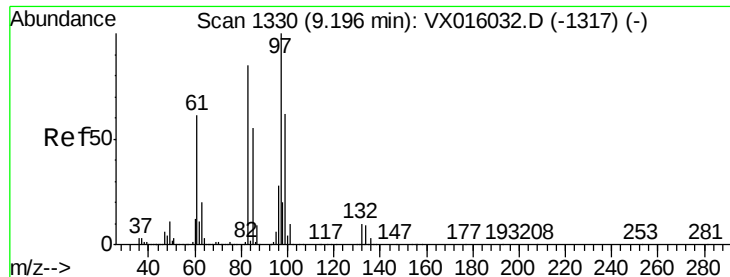
200000

100000

0

Time--> 8.30 8.40 8.50

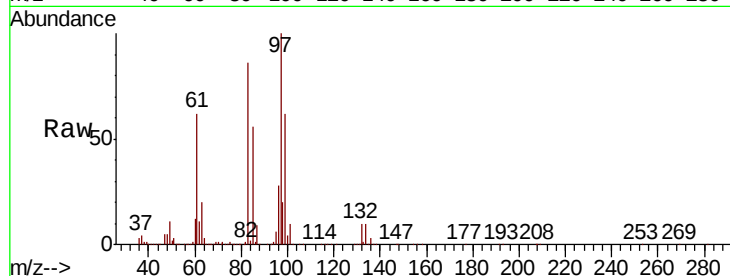




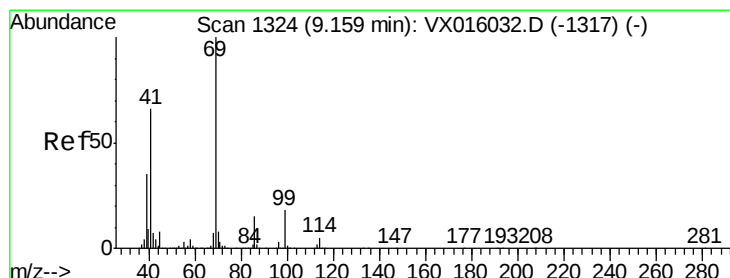
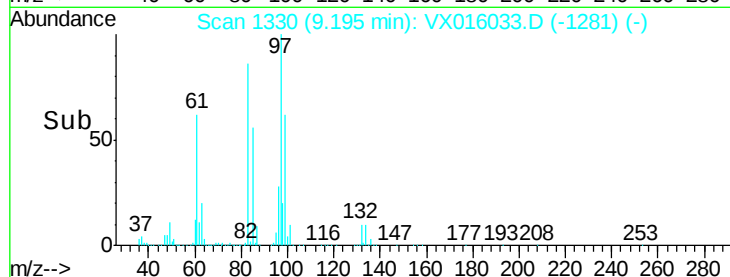
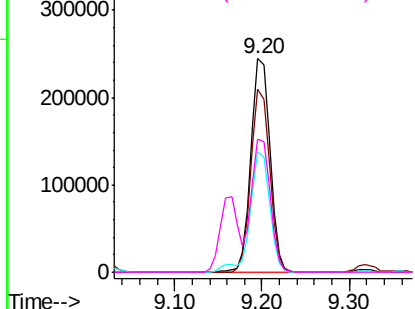
#55
 1,1,2-Trichloroethane
 Concen: 101.786 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. -0.00 min
 Lab File: VX016033.D
 Acq: 04 May 2020 13:10

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

Tot Ion:	97	Resp:	368854
Ion	Ratio	Lower	Upper
97	100		
83	85.8	67.8	101.8
85	56.3	43.8	65.8
99	62.2	49.4	74.0

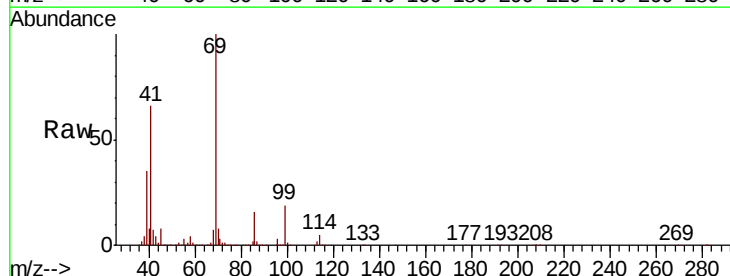


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

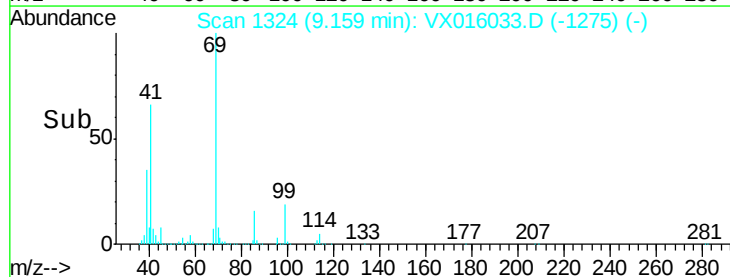
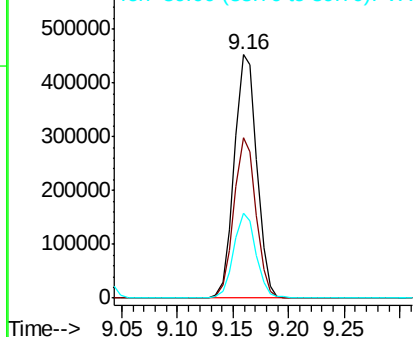


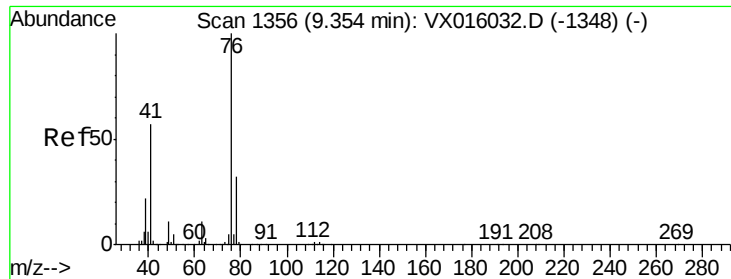
#56
 Ethyl methacrylate
 Concen: 110.654 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. -0.00 min
 Lab File: VX016033.D
 Acq: 04 May 2020 13:10

Tgt Ion:	69	Resp:	634412
Ion	Ratio	Lower	Upper
69	100		
41	64.2	52.2	78.4
39	34.6	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





#57

1,3-Dichloropropane

Concen: 98.936 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. -0.00 min

Lab File: VX016033.D

Acq: 04 May 2020 13:10

Instrument :

MSVOA_X

ClientSampleId :

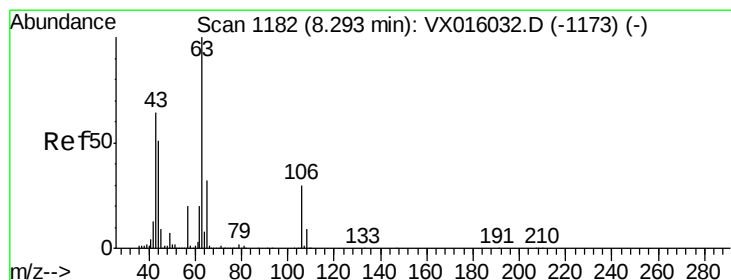
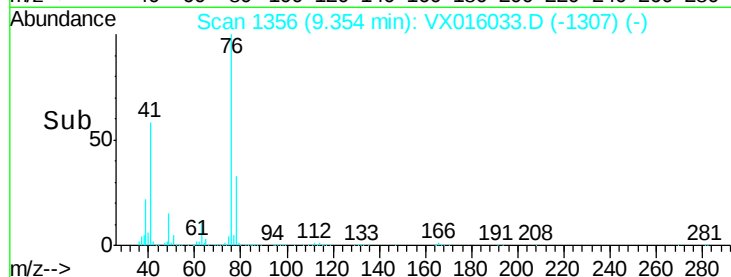
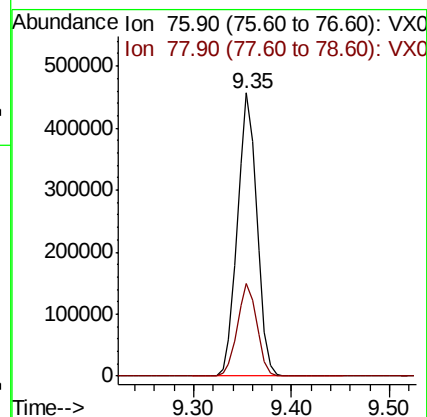
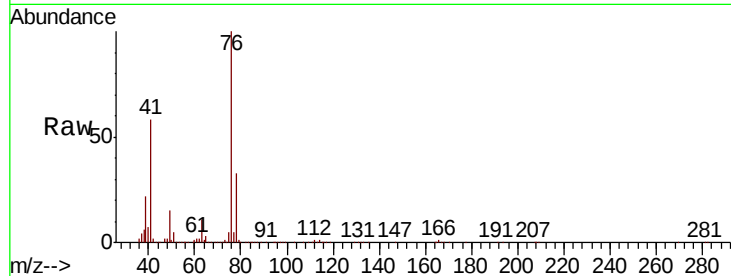
VSTDIC100

Tot Ion: 76 Resp: 631859

Ion Ratio Lower Upper

76 100

78 32.6 25.9 38.9



#58

2-Chloroethyl Vinyl ether

Concen: 517.495 ug/l

RT: 8.29 min Scan# 1182

Delta R.T. -0.00 min

Lab File: VX016033.D

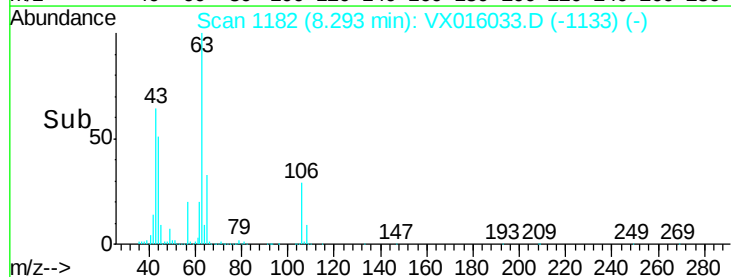
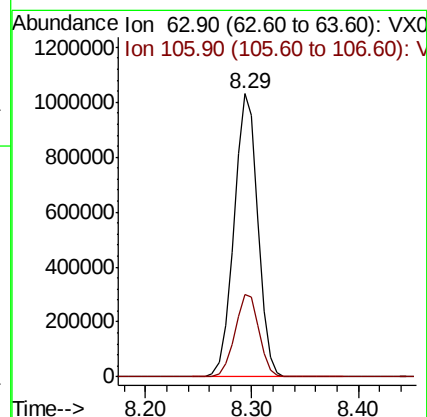
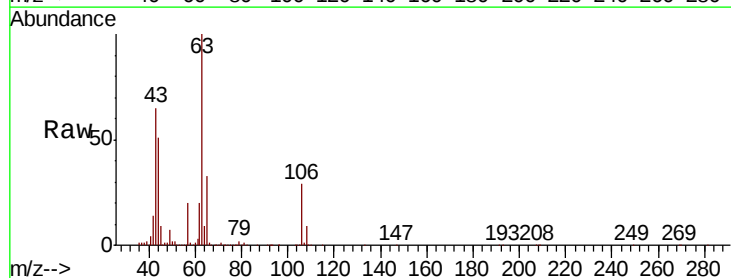
Acq: 04 May 2020 13:10

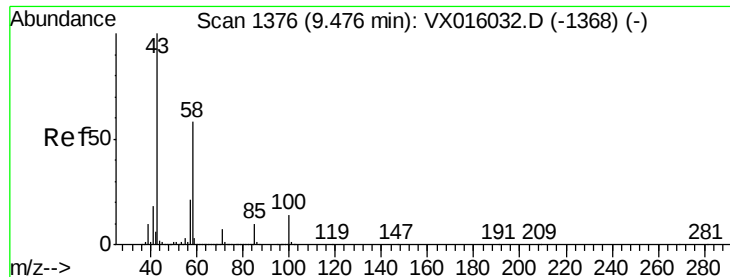
Tgt Ion: 63 Resp: 1616196

Ion Ratio Lower Upper

63 100

106 29.5 23.4 35.2

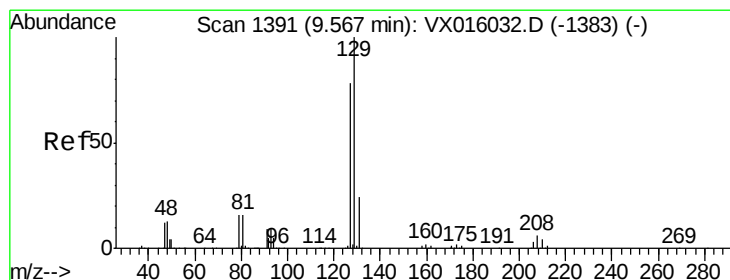
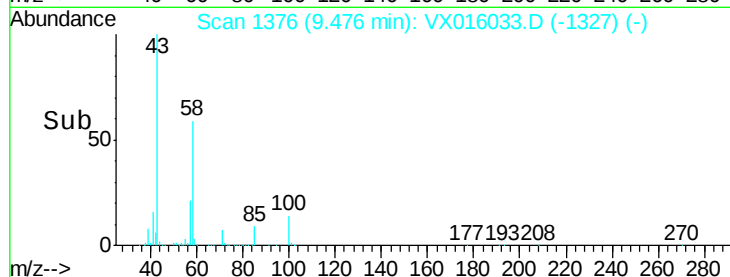
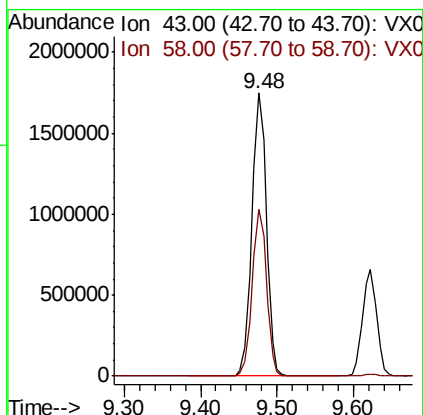
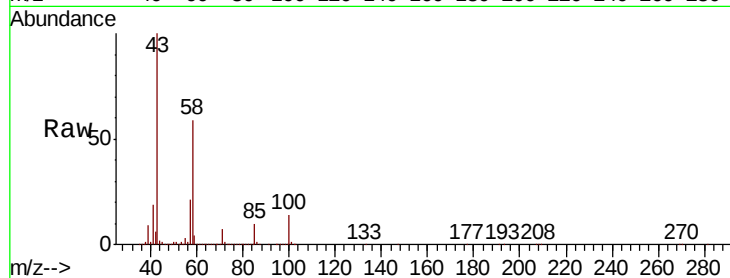




#59
2-Hexanone
Concen: 521.062 ug/l
RT: 9.48 min Scan# 1376
Delta R.T. -0.00 min
Lab File: VX016033.D
Acq: 04 May 2020 13:10

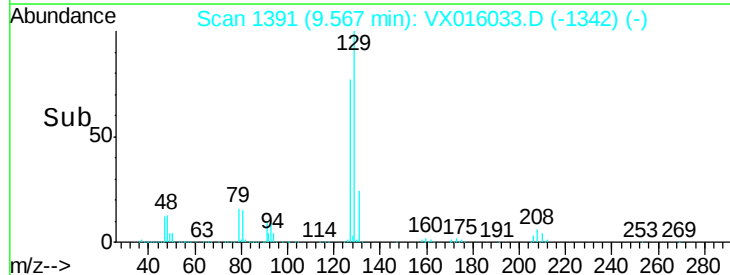
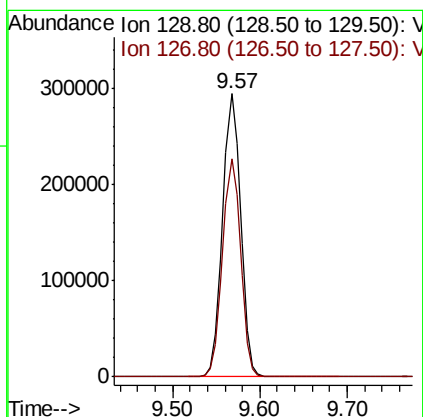
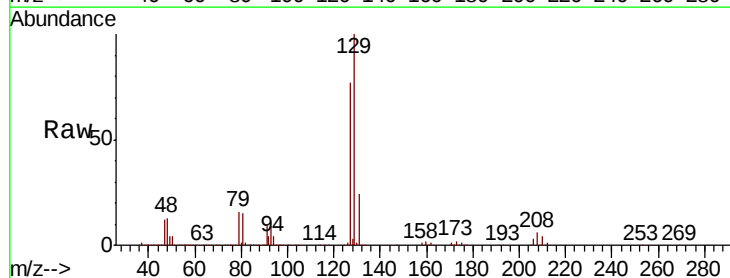
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

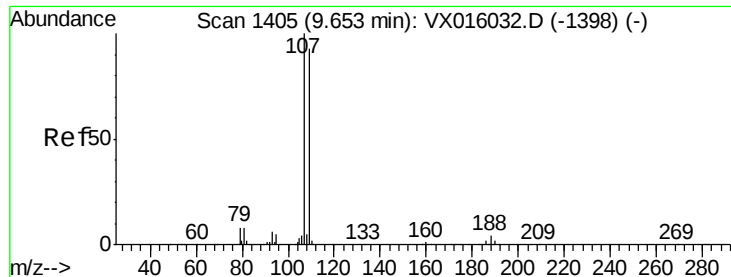
Tot Ion: 43 Resp: 2316928
Ion Ratio Lower Upper
43 100
58 58.3 28.6 85.9



#60
Dibromochloromethane
Concen: 107.948 ug/l
RT: 9.57 min Scan# 1391
Delta R.T. -0.00 min
Lab File: VX016033.D
Acq: 04 May 2020 13:10

Tgt Ion: 129 Resp: 421494
Ion Ratio Lower Upper
129 100
127 77.4 38.4 115.2





#61

1,2-Dibromoethane

Concen: 102.350 ug/l

RT: 9.66 min Scan# 1406

Delta R.T. 0.01 min

Lab File: VX016033.D

Acq: 04 May 2020 13:10

Instrument :

MSVOA_X

ClientSampleId :

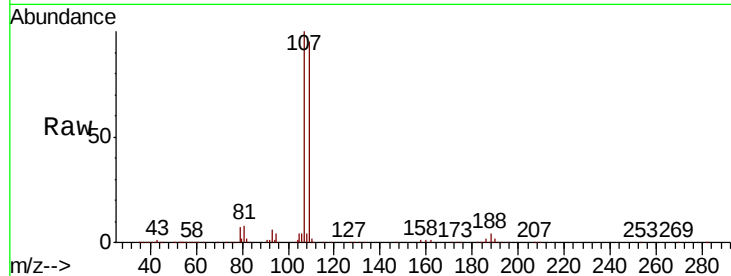
VSTDIC100

Tot Ion:107 Resp: 401064

Ion Ratio Lower Upper

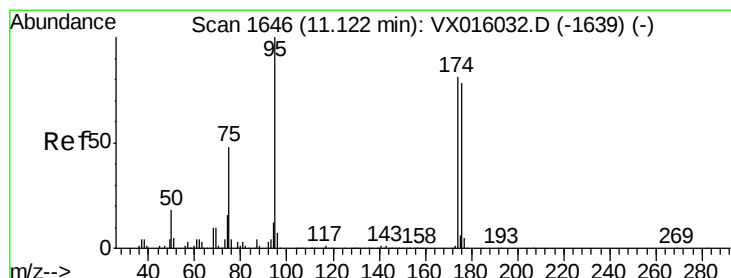
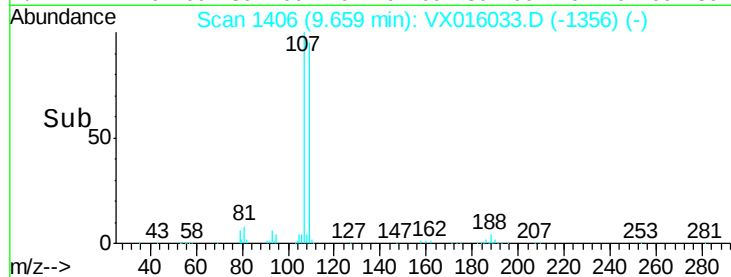
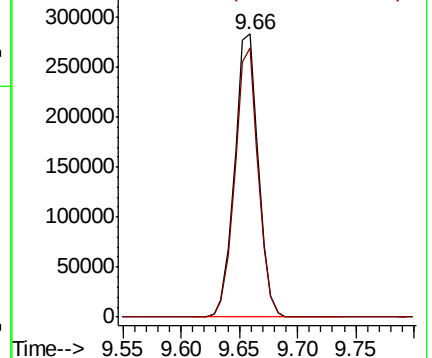
107 100

109 93.9 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: 102.526 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX016033.D

Acq: 04 May 2020 13:10

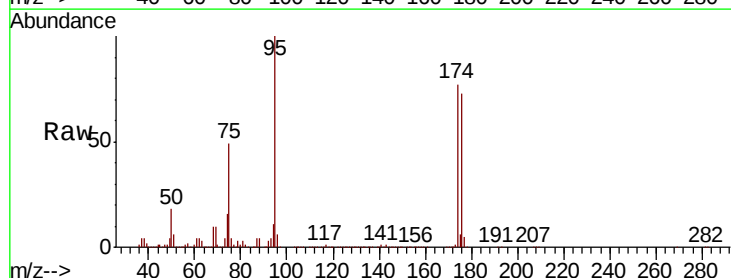
Tgt Ion: 95 Resp: 499481

Ion Ratio Lower Upper

95 100

174 81.4 0.0 159.4

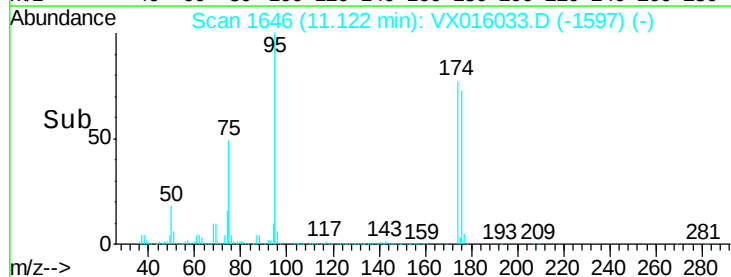
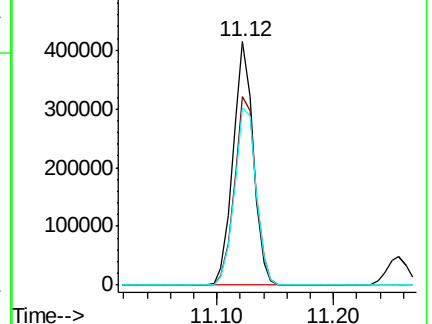
176 78.2 0.0 157.6



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

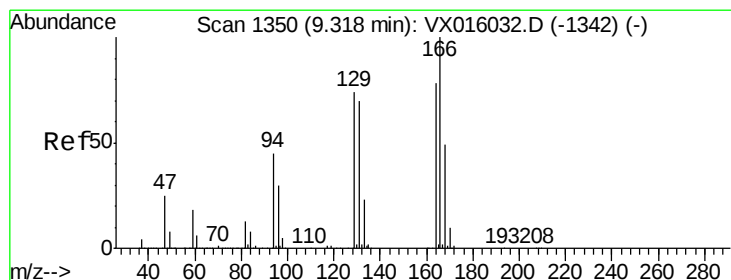
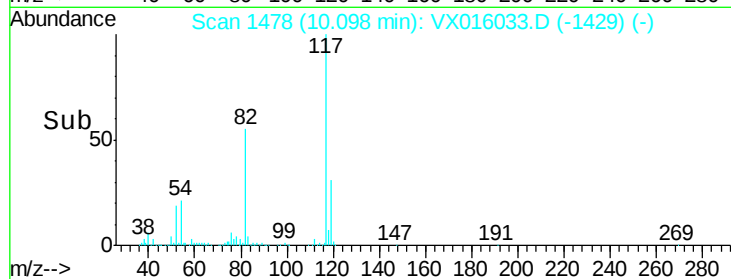
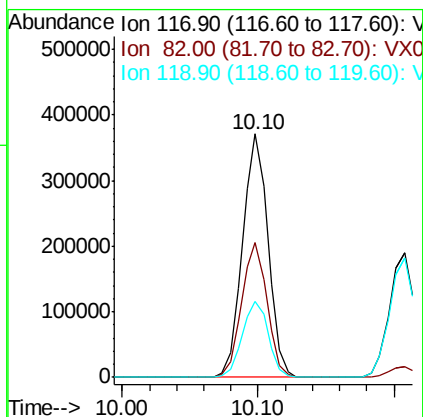
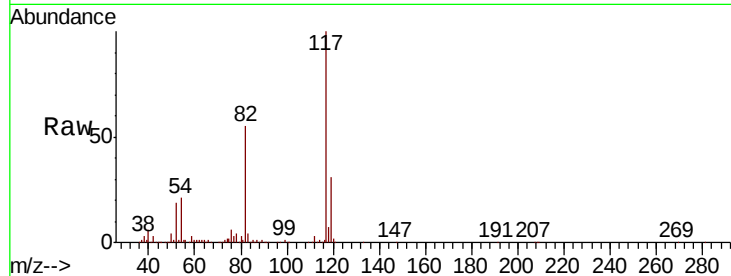




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX016033.D
Acq: 04 May 2020 13:10

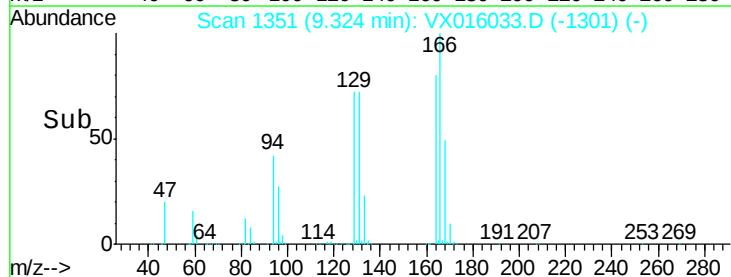
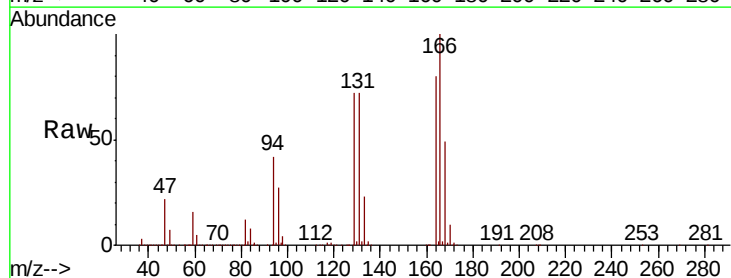
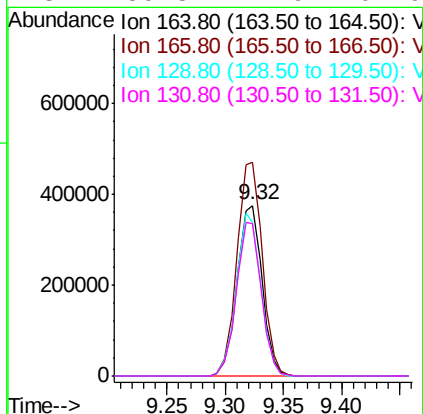
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

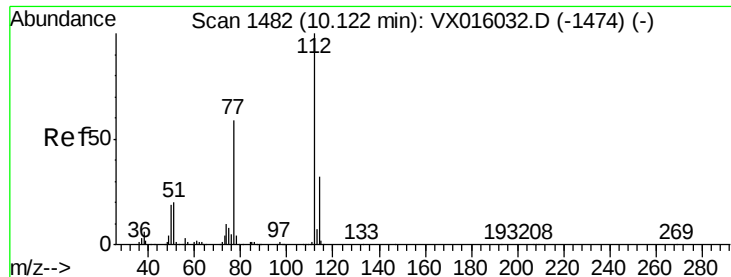
Tot Ion:117 Resp: 486266
Ion Ratio Lower Upper
117 100
82 55.3 44.4 66.6
119 31.4 25.5 38.3



#64
Tetrachloroethene
Concen: 90.861 ug/l
RT: 9.32 min Scan# 1351
Delta R.T. 0.01 min
Lab File: VX016033.D
Acq: 04 May 2020 13:10

Tgt Ion:164 Resp: 561083
Ion Ratio Lower Upper
164 100
166 125.5 102.9 154.3
129 90.3 76.1 114.1
131 89.8 71.9 107.9





#65

Chlorobenzene

Concen: 95.842 ug/l

RT: 10.12 min Scan# 1482

Delta R.T. -0.00 min

Lab File: VX016033.D

Acq: 04 May 2020 13:10

Instrument :

MSVOA_X

ClientSampleId :

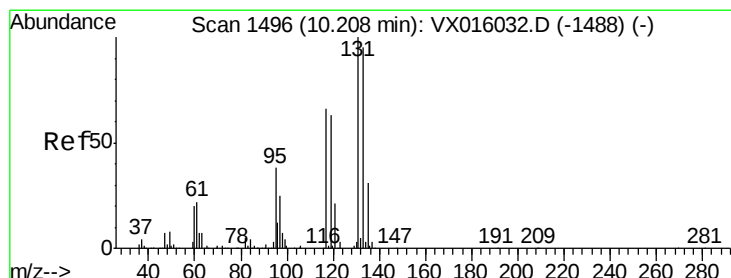
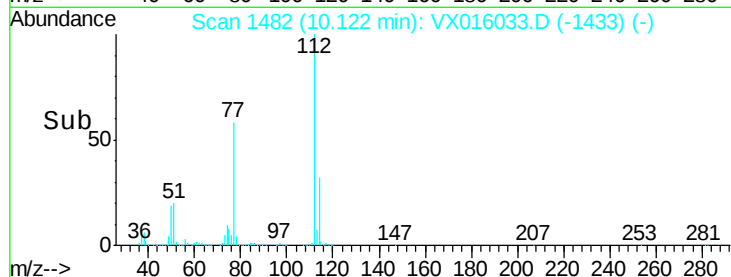
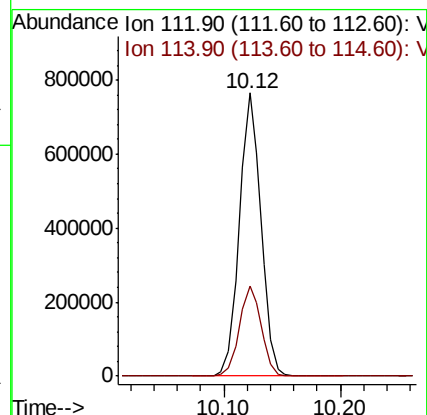
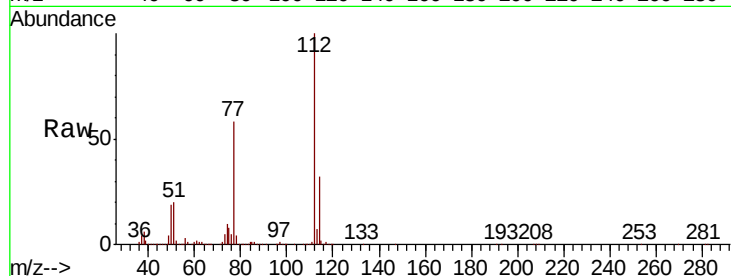
VSTDIC100

Tot Ion:112 Resp: 988191

Ion Ratio Lower Upper

112 100

114 31.8 25.7 38.5



#66

1,1,1,2-Tetrachloroethane

Concen: 101.386 ug/l

RT: 10.21 min Scan# 1496

Delta R.T. -0.00 min

Lab File: VX016033.D

Acq: 04 May 2020 13:10

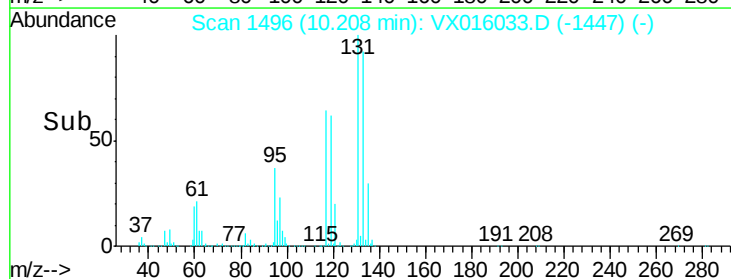
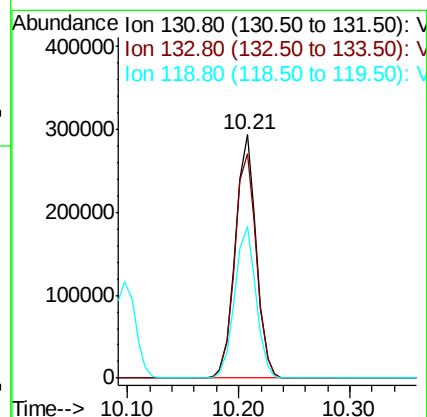
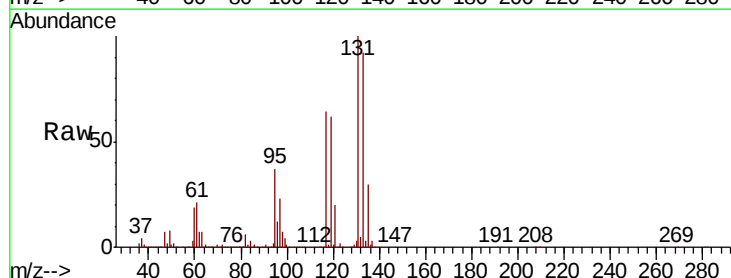
Tgt Ion:131 Resp: 380324

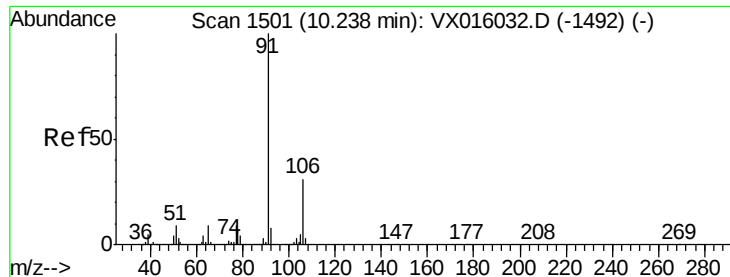
Ion Ratio Lower Upper

131 100

133 95.7 48.3 144.8

119 63.4 32.3 96.9





#67

Ethyl Benzene

Concen: 97.394 ug/l

RT: 10.24 min Scan# 1501

Delta R.T. -0.00 min

Lab File: VX016033.D

Acq: 04 May 2020 13:10

Instrument :

MSVOA_X

ClientSampleId :

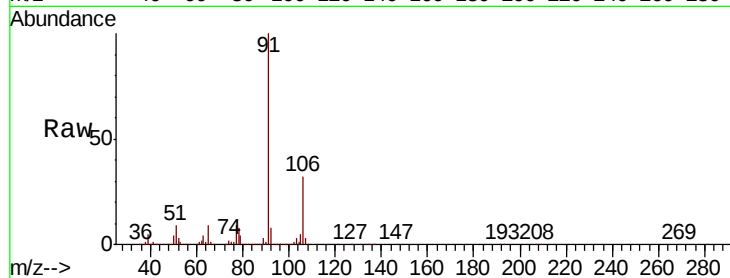
VSTDIC100

Tot Ion: 91 Resp: 1786384

Ion Ratio Lower Upper

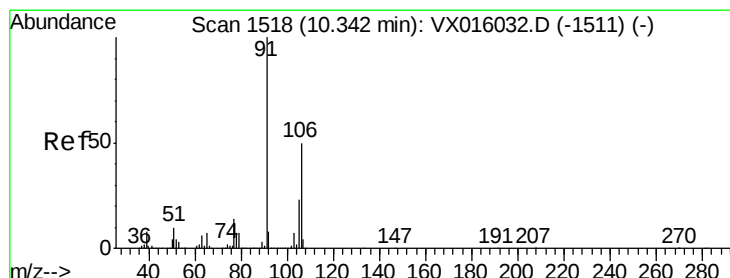
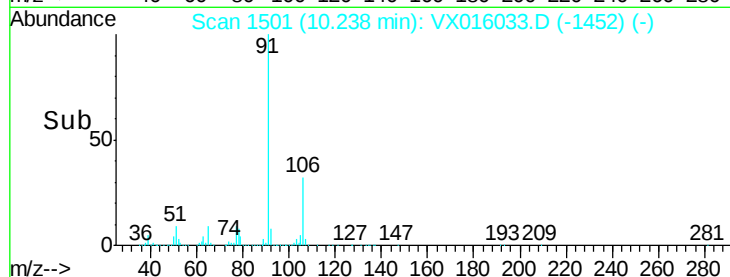
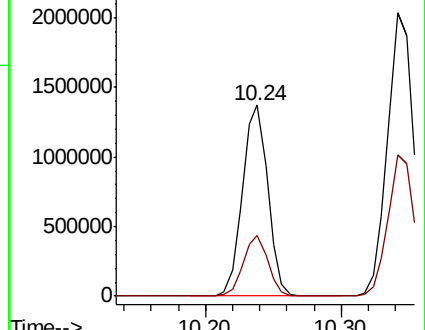
91 100

106 31.6 25.1 37.7



Abundance Ion 91.00 (90.70 to 91.70): VX016033.D (-1492) (-)

Ion 106.00 (105.70 to 106.70): VX016033.D (-1492) (-)



#68

m/p-Xylenes

Concen: 199.481 ug/l

RT: 10.34 min Scan# 1518

Delta R.T. -0.00 min

Lab File: VX016033.D

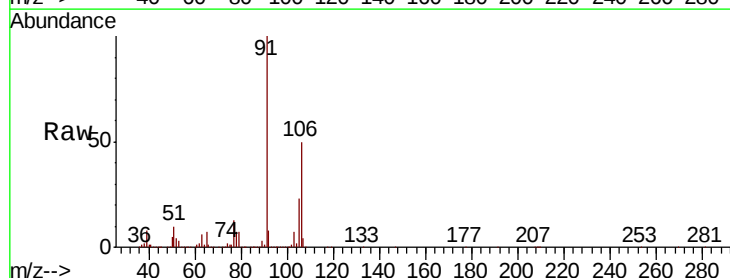
Acq: 04 May 2020 13:10

Tgt Ion: 106 Resp: 1358889

Ion Ratio Lower Upper

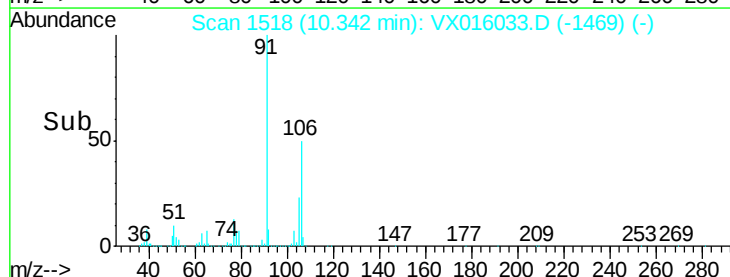
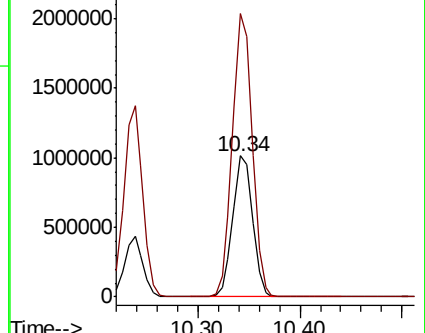
106 100

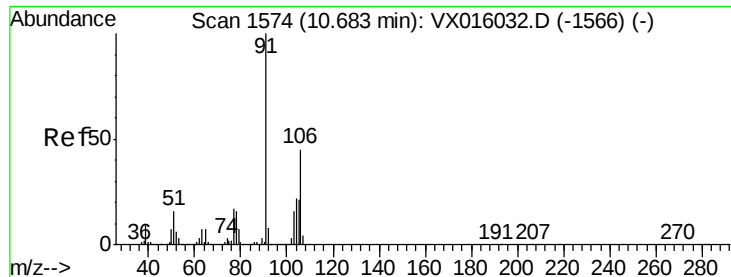
91 200.9 161.7 242.5



Abundance Ion 106.00 (105.70 to 106.70): VX016033.D (-1511) (-)

Ion 91.00 (90.70 to 91.70): VX016033.D (-1511) (-)

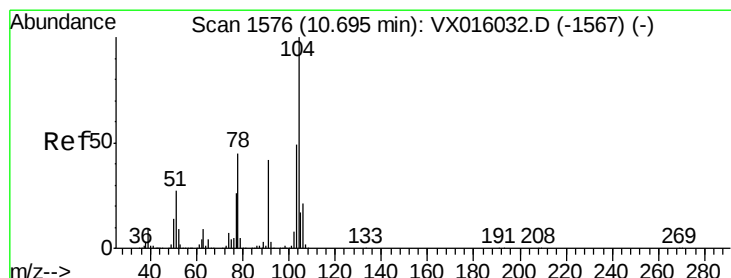
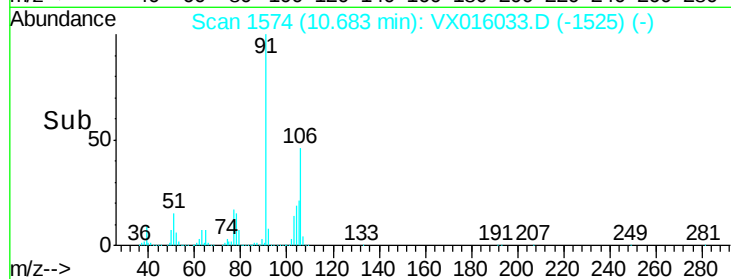
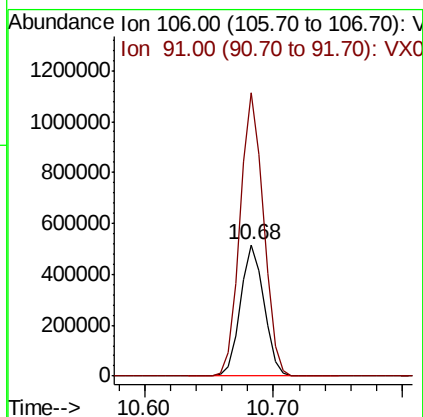
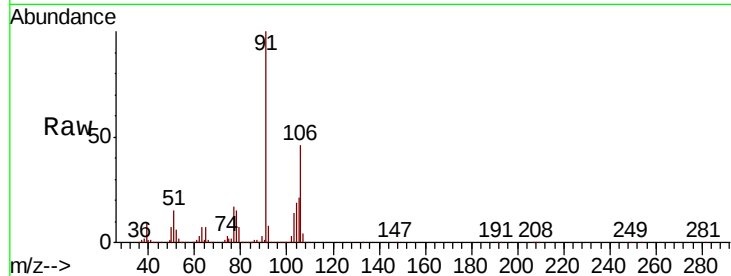




#69
o-Xylene
Concen: 100.220 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX016033.D
Acq: 04 May 2020 13:10

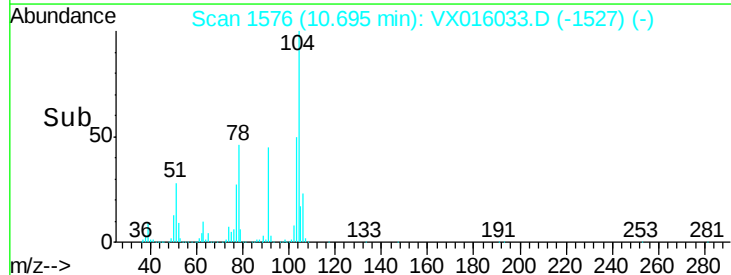
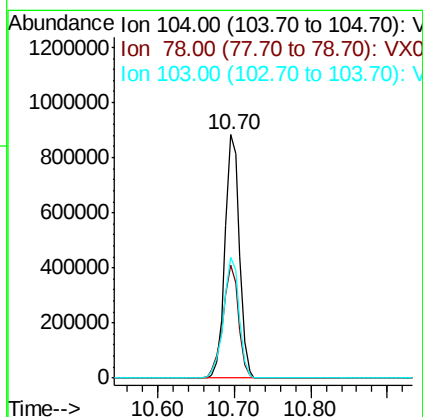
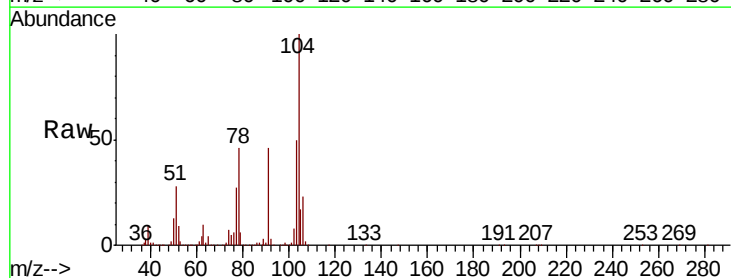
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

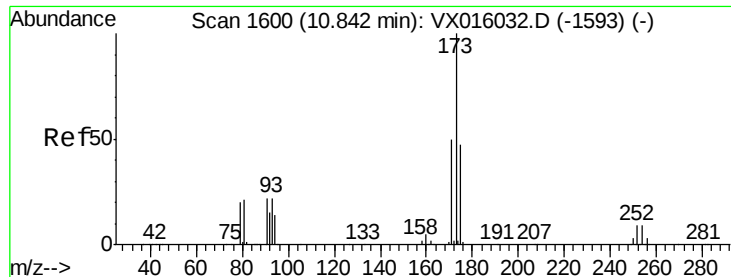
Tot Ion:106 Resp: 653389
Ion Ratio Lower Upper
106 100
91 214.8 107.5 322.6



#70
Styrene
Concen: 106.085 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX016033.D
Acq: 04 May 2020 13:10

Tgt Ion:104 Resp: 1151414
Ion Ratio Lower Upper
104 100
78 50.2 40.2 60.2
103 53.5 43.0 64.6





#71

Bromoform

Concen: 111.231 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VX016033.D

Acq: 04 May 2020 13:10

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

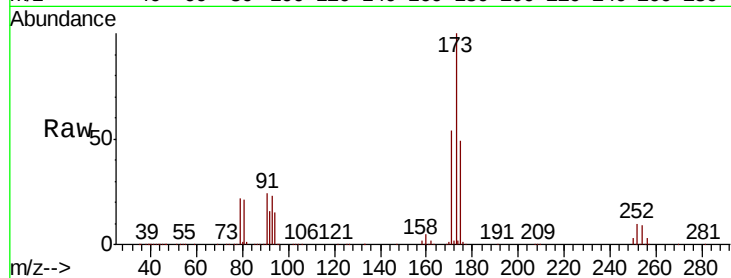
Tot Ion:173 Resp: 324684

Ion Ratio Lower Upper

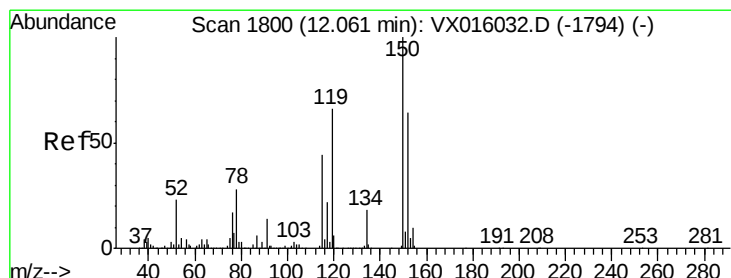
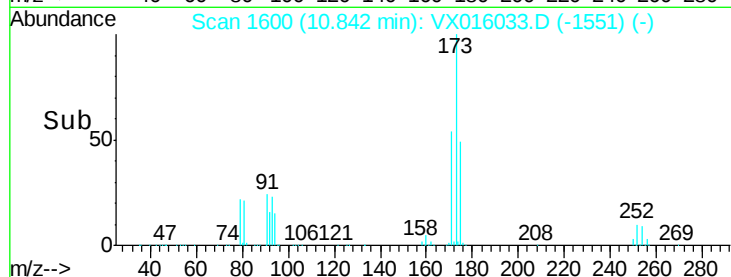
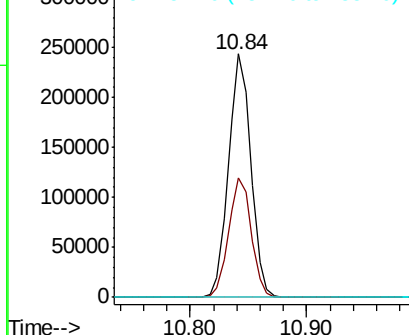
173 100

175 49.9 24.0 72.0

254 0.2 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: 12.07 min Scan# 1801

Delta R.T. 0.01 min

Lab File: VX016033.D

Acq: 04 May 2020 13:10

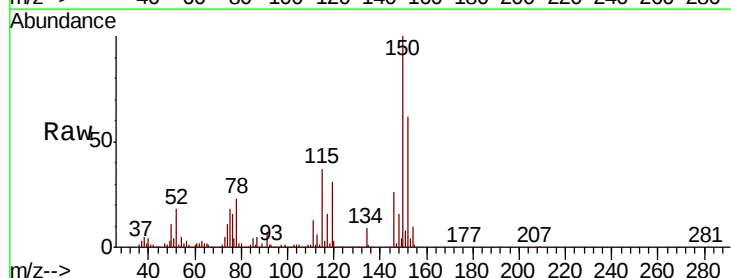
Tgt Ion:152 Resp: 246365

Ion Ratio Lower Upper

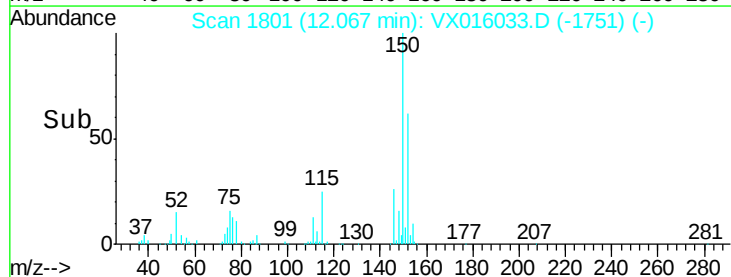
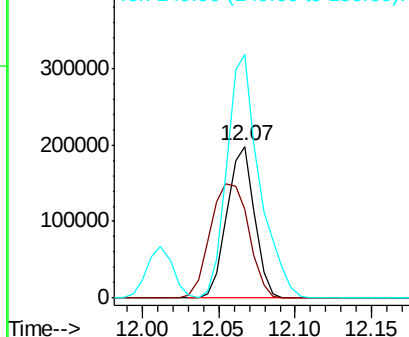
152 100

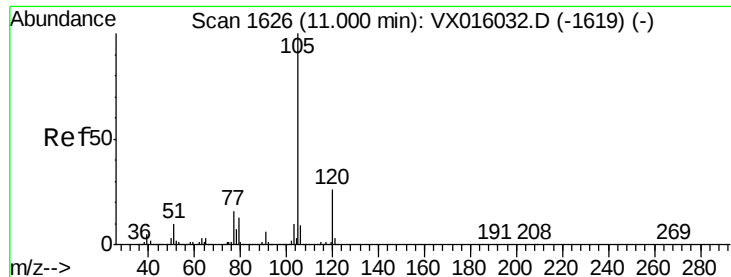
115 106.6 41.3 124.1

150 190.3 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: 96.105 ug/l

RT: 11.01 min Scan# 1627

Delta R.T. 0.01 min

Lab File: VX016033.D

Acq: 04 May 2020 13:10

Instrument :

MSVOA_X

ClientSampleId :

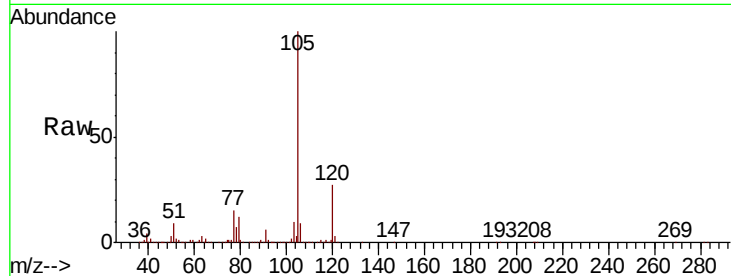
VSTDIC100

Tot Ion:105 Resp: 1758561

Ion Ratio Lower Upper

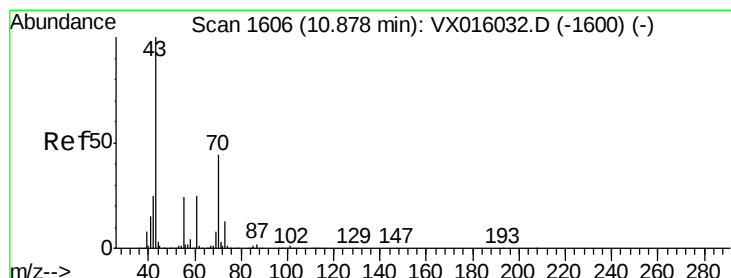
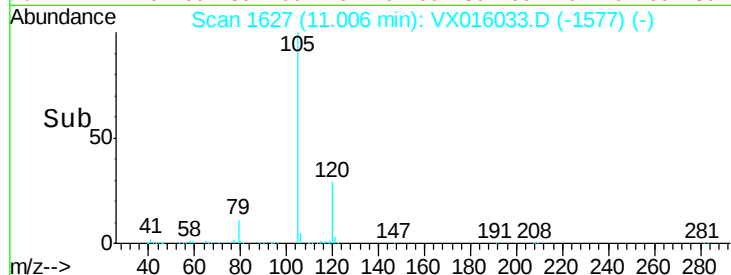
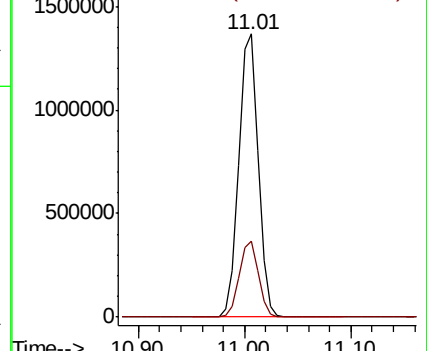
105 100

120 26.5 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: 100.369 ug/l

RT: 10.88 min Scan# 1607

Delta R.T. 0.01 min

Lab File: VX016033.D

Acq: 04 May 2020 13:10

Tgt Ion: 43 Resp: 839971

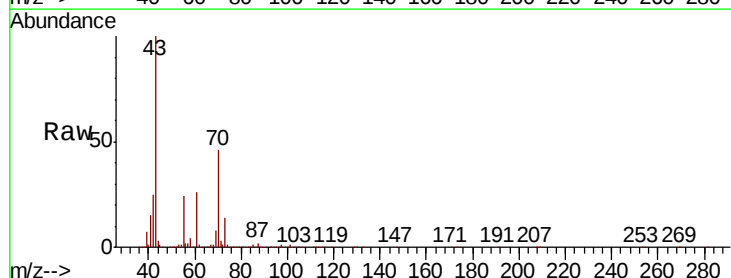
Ion Ratio Lower Upper

43 100

70 45.3 36.5 54.7

55 24.3 19.7 29.5

61 25.7 20.9 31.3

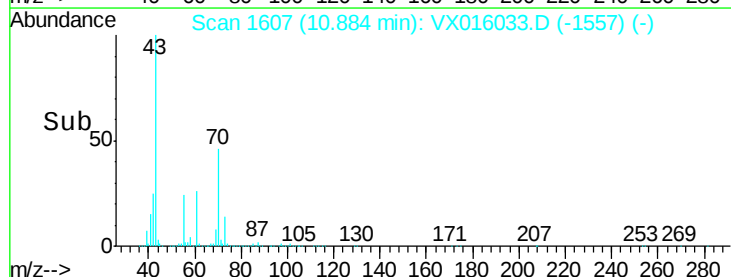
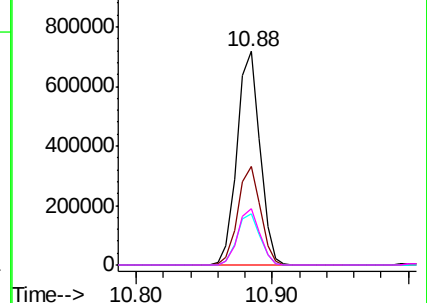


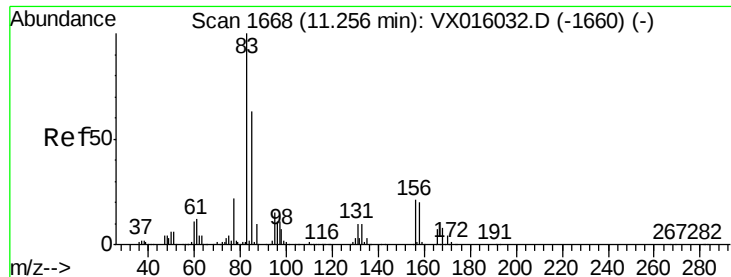
Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 149.585 ug/l

RT: 11.26 min Scan# 1668

Delta R.T. -0.00 min

Lab File: VX016033.D

Acq: 04 May 2020 13:10

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

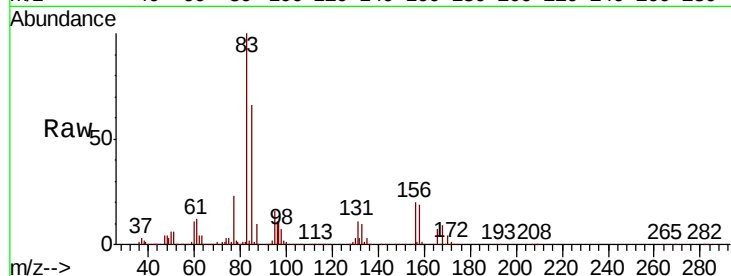
Tot Ion: 83 Resp: 399516

Ion Ratio Lower Upper

83 100

131 10.5 5.1 15.4

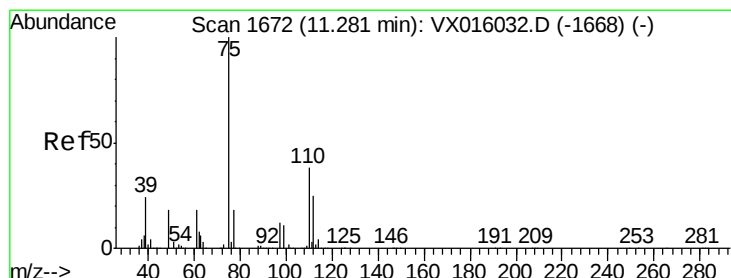
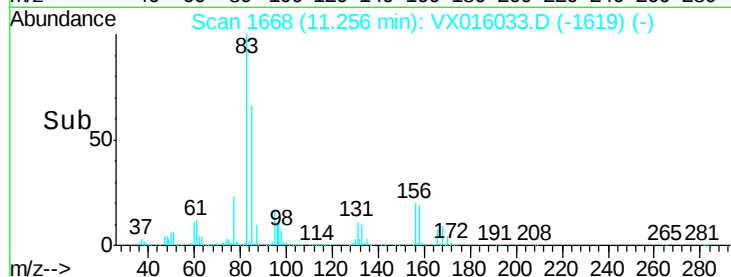
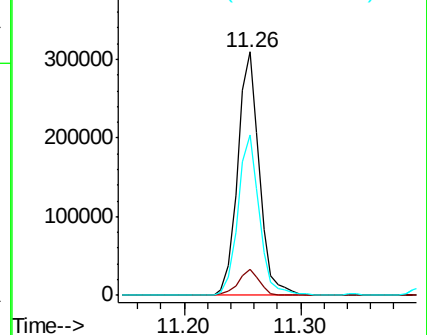
85 65.3 32.0 96.0



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: 105.366 ug/l

RT: 11.28 min Scan# 1672

Delta R.T. -0.00 min

Lab File: VX016033.D

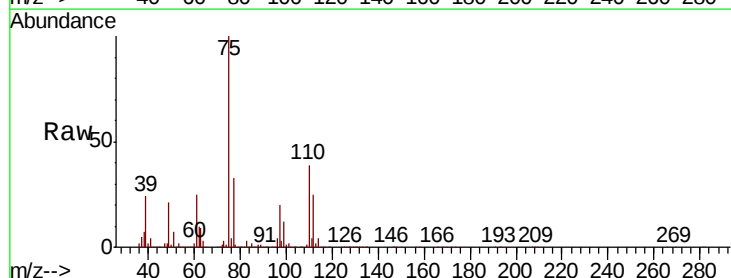
Acq: 04 May 2020 13:10

Tgt Ion: 75 Resp: 758350

Ion Ratio Lower Upper

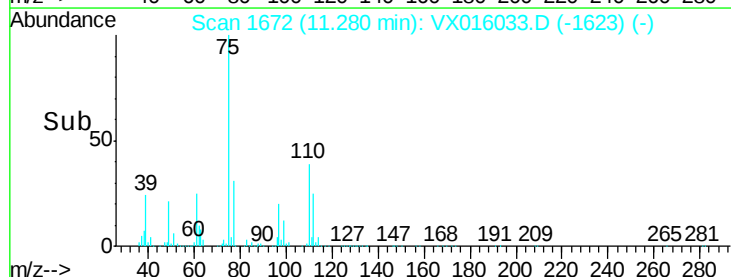
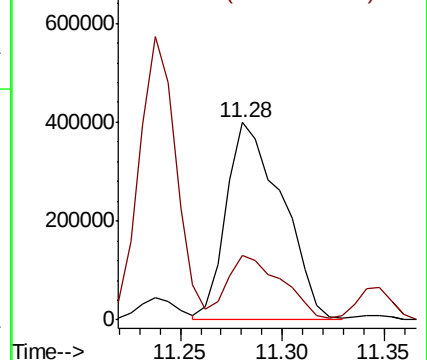
75 100

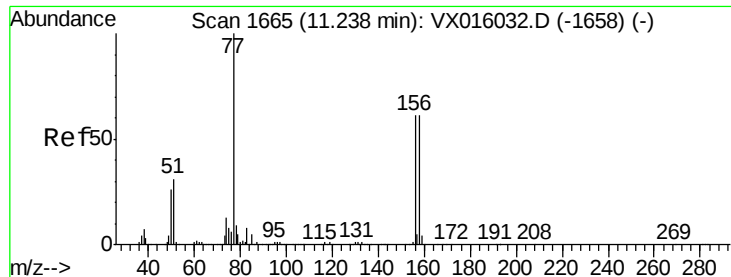
77 32.0 21.2 63.6



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 94.394 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX016033.D

Acq: 04 May 2020 13:10

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

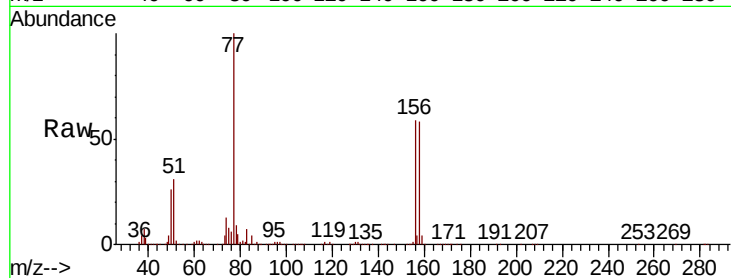
Tot Ion:156 Resp: 446356

Ion Ratio Lower Upper

156 100

77 161.0 80.1 240.3

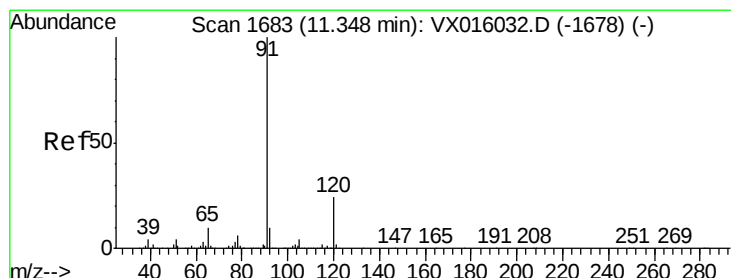
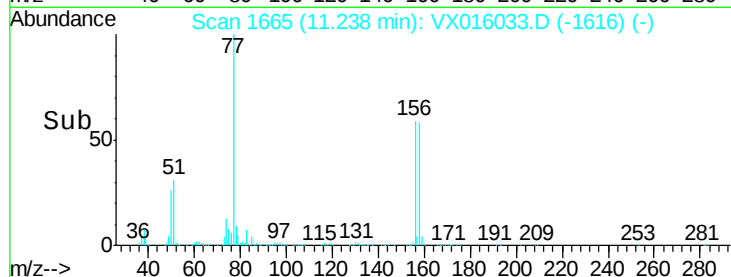
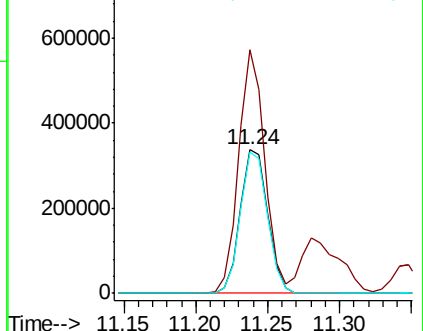
158 97.2 49.4 148.2



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: 96.447 ug/l

RT: 11.35 min Scan# 1683

Delta R.T. -0.00 min

Lab File: VX016033.D

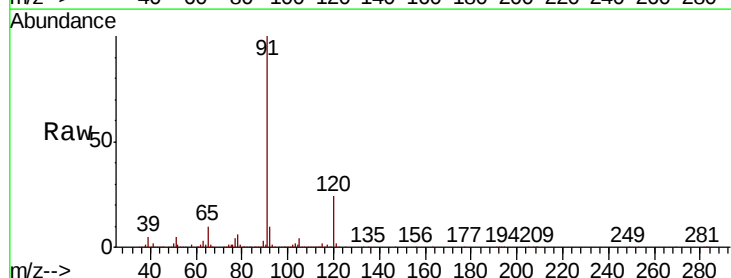
Acq: 04 May 2020 13:10

Tgt Ion: 91 Resp: 2047511

Ion Ratio Lower Upper

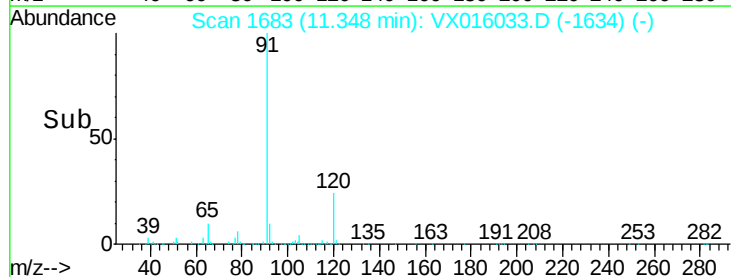
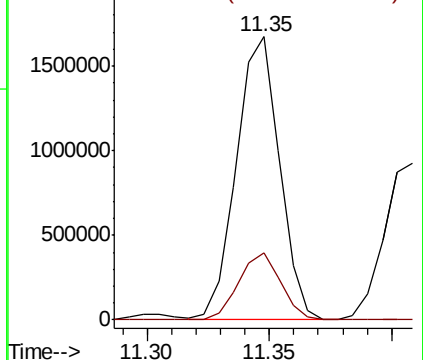
91 100

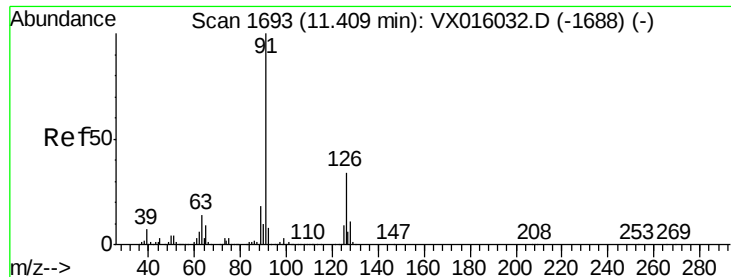
120 23.2 11.5 34.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

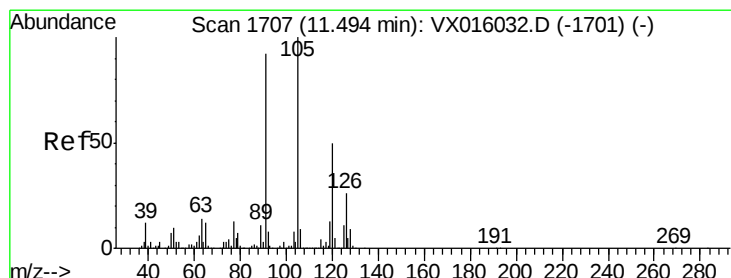
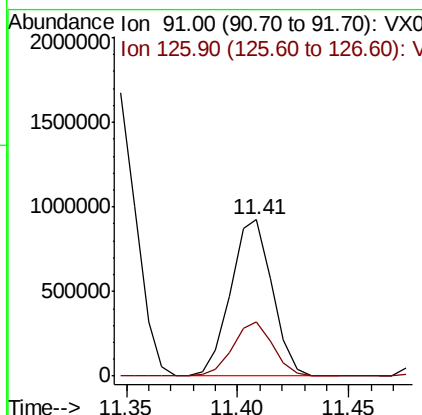
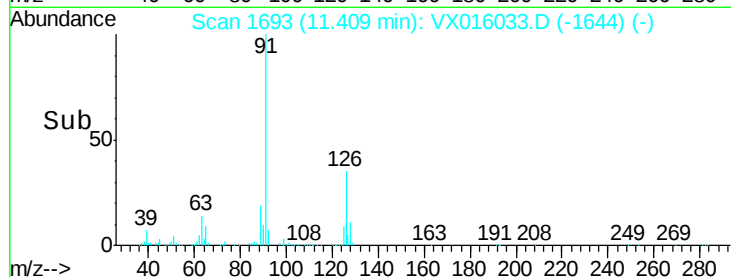
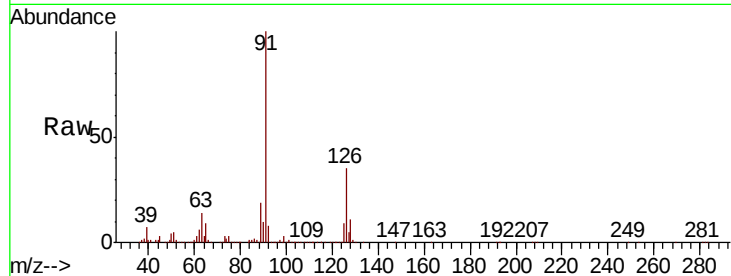




#79
 2-Chlorotoluene
 Concen: 95.388 ug/l
 RT: 11.41 min Scan# 1693
 Delta R.T. -0.00 min
 Lab File: VX016033.D
 Acq: 04 May 2020 13:10

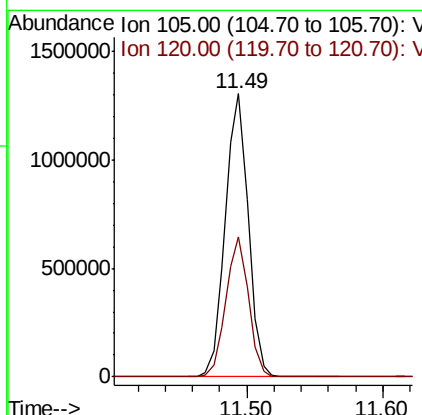
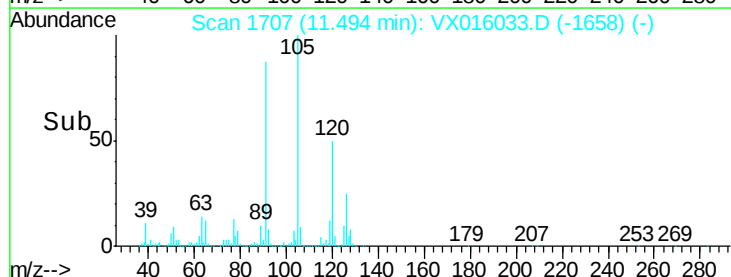
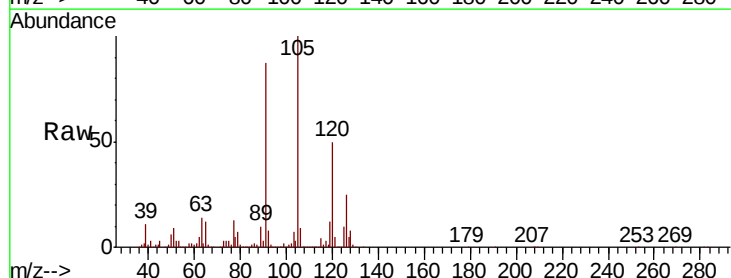
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

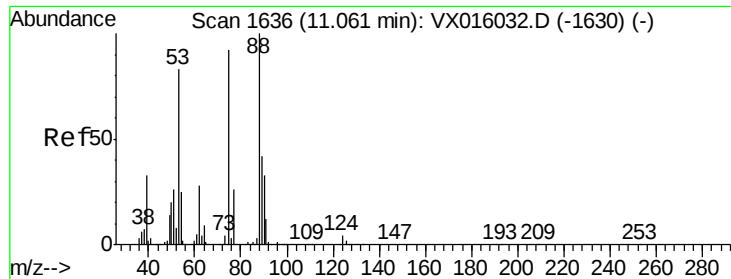
Tot Ion: 91 Resp: 1197714
 Ion Ratio Lower Upper
 91 100
 126 33.6 16.9 50.6



#80
 1,3,5-Trimethylbenzene
 Concen: 99.688 ug/l
 RT: 11.49 min Scan# 1707
 Delta R.T. -0.00 min
 Lab File: VX016033.D
 Acq: 04 May 2020 13:10

Tgt Ion: 105 Resp: 1518868
 Ion Ratio Lower Upper
 105 100
 120 48.9 24.6 74.0

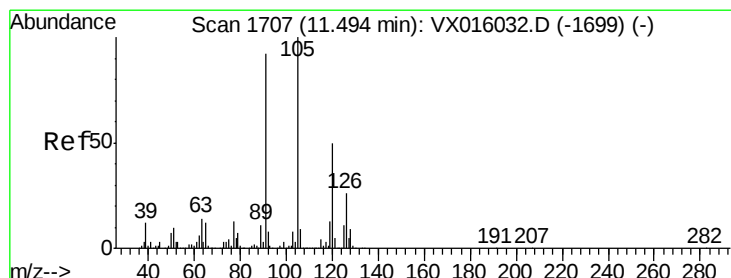
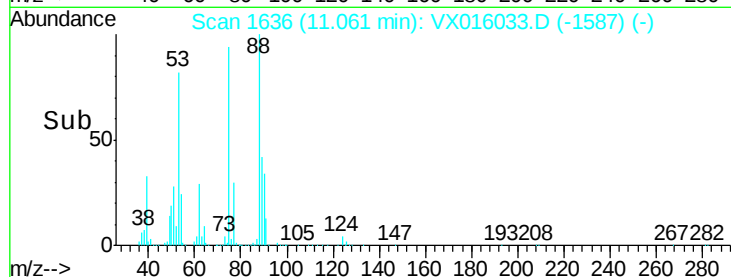
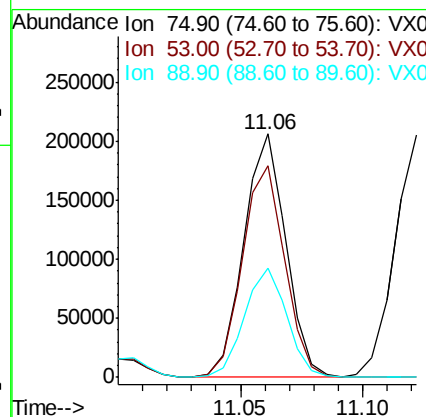
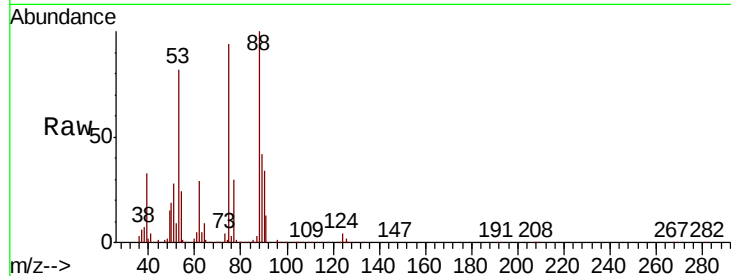




#81
trans-1,4-Dichloro-2-butene
Concen: 106.624 ug/l
RT: 11.06 min Scan# 1636
Delta R.T. -0.00 min
Lab File: VX016033.D
Acq: 04 May 2020 13:10

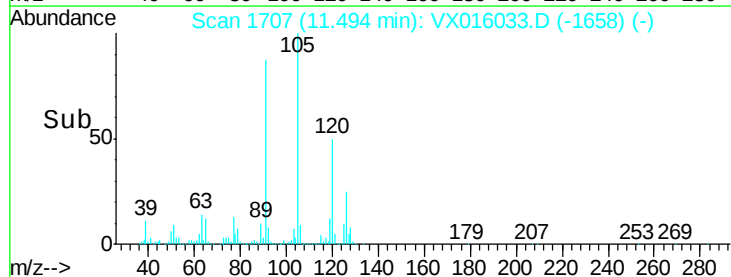
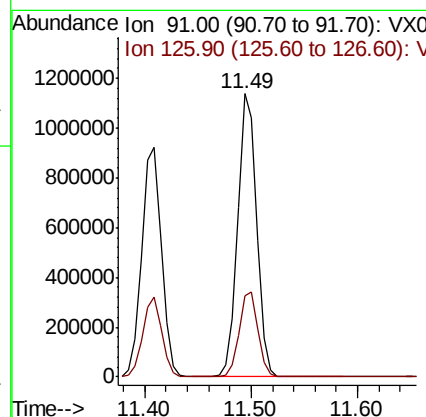
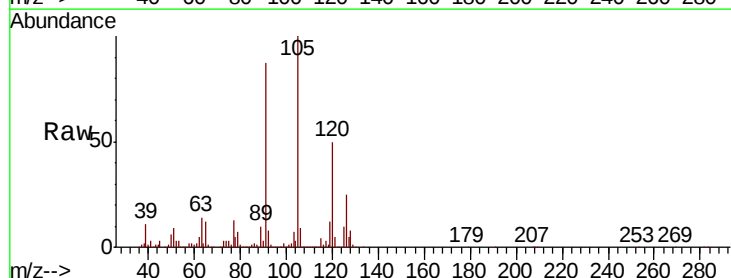
Instrument :
MSVOA_X
ClientSampled :
VSTDIC100

Tot Ion: 75 Resp: 245566
Ion Ratio Lower Upper
75 100
53 88.2 73.1 109.7
89 45.8 36.7 55.1



#82
4-Chlorotoluene
Concen: 96.574 ug/l
RT: 11.49 min Scan# 1707
Delta R.T. -0.00 min
Lab File: VX016033.D
Acq: 04 May 2020 13:10

Tgt Ion: 91 Resp: 1423362
Ion Ratio Lower Upper
91 100
126 29.7 14.8 44.3





#83

tert-Butylbenzene

Concen: 99.085 ug/l

RT: 11.76 min Scan# 1750

Delta R.T. -0.00 min

Lab File: VX016033.D

Acq: 04 May 2020 13:10

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

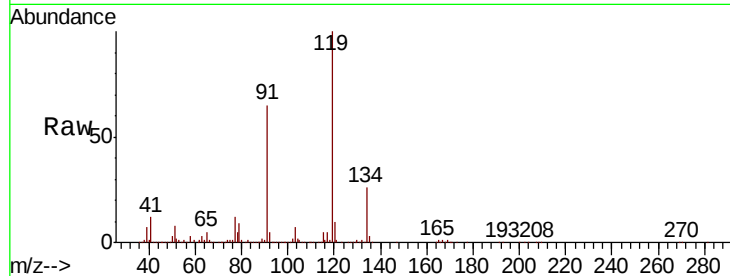
Tot Ion:119 Resp: 1300149

Ion Ratio Lower Upper

119 100

91 65.6 32.8 98.4

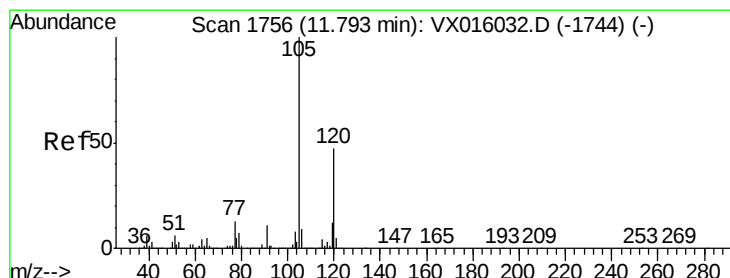
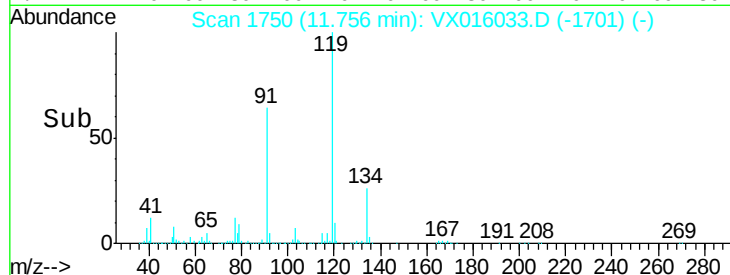
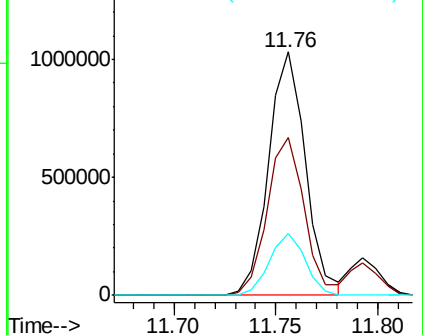
134 24.7 12.4 37.0



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



#84

1,2,4-Trimethylbenzene

Concen: 98.034 ug/l

RT: 11.79 min Scan# 1756

Delta R.T. -0.00 min

Lab File: VX016033.D

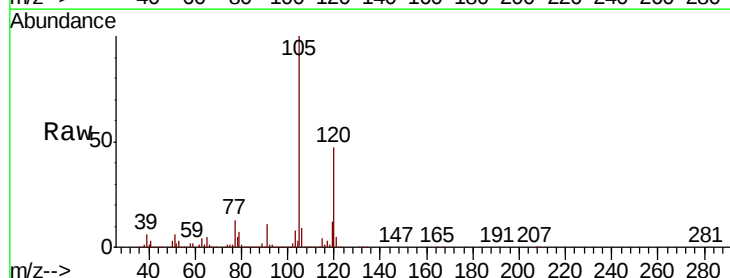
Acq: 04 May 2020 13:10

Tgt Ion:105 Resp: 1513350

Ion Ratio Lower Upper

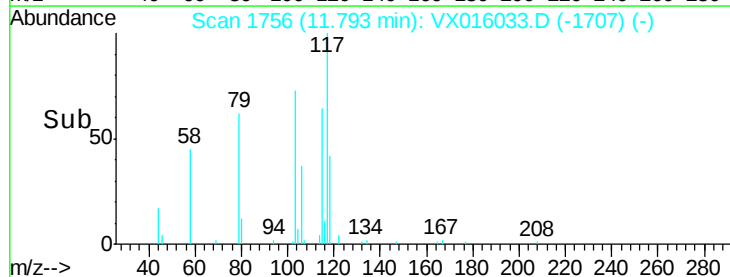
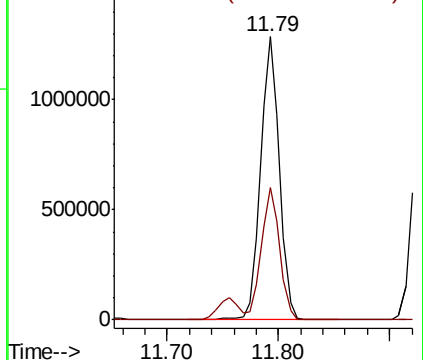
105 100

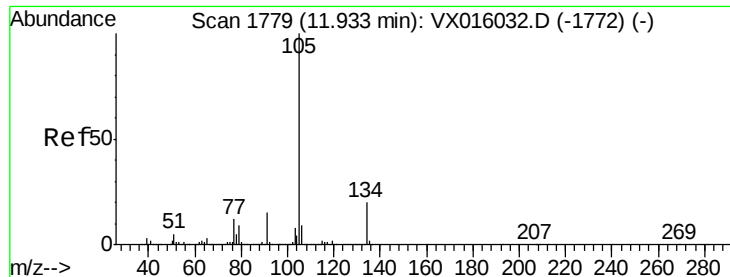
120 46.0 23.0 69.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 97.820 ug/l

RT: 11.93 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VX016033.D

Acq: 04 May 2020 13:10

Instrument :

MSVOA_X

ClientSampleId :

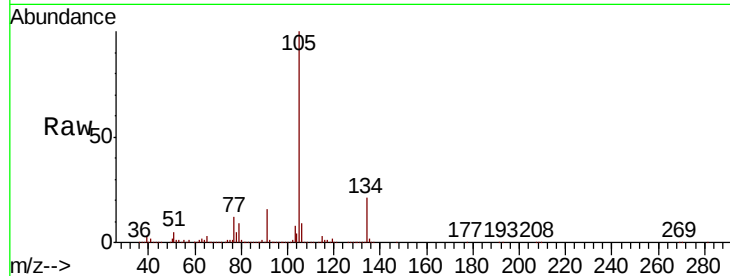
VSTDIC100

Tot Ion:105 Resp: 1741040

Ion Ratio Lower Upper

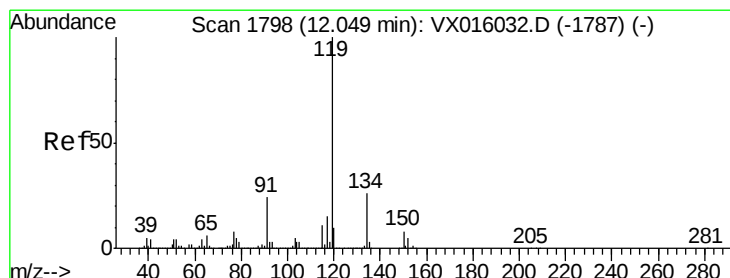
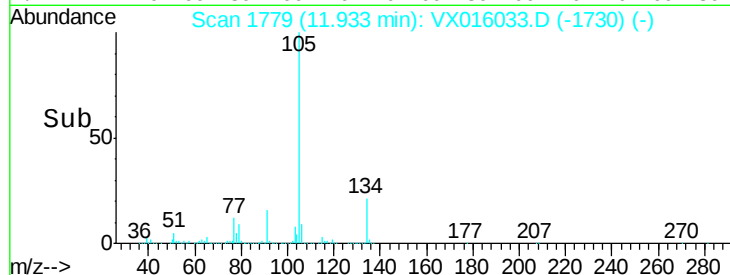
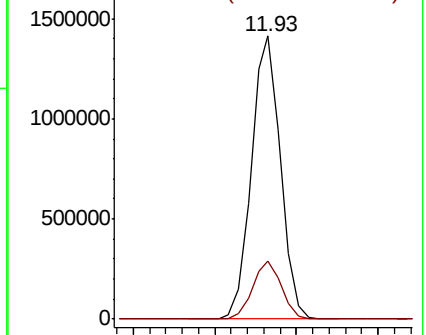
105 100

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: 98.653 ug/l

RT: 12.05 min Scan# 1798

Delta R.T. -0.00 min

Lab File: VX016033.D

Acq: 04 May 2020 13:10

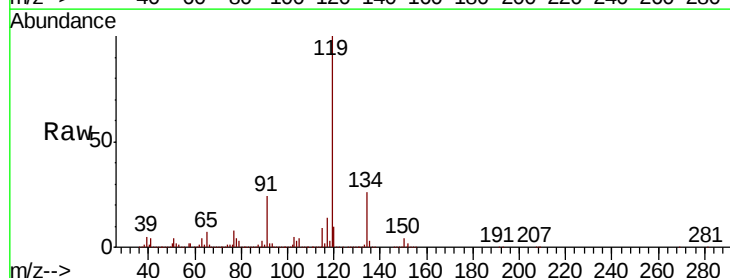
Tgt Ion:119 Resp: 1624201

Ion Ratio Lower Upper

119 100

134 26.4 13.1 39.3

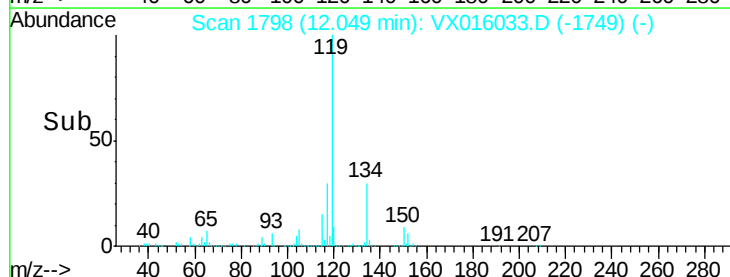
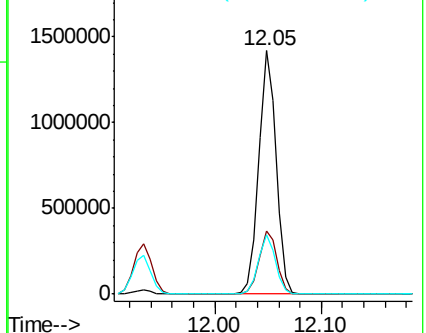
91 23.8 11.8 35.4

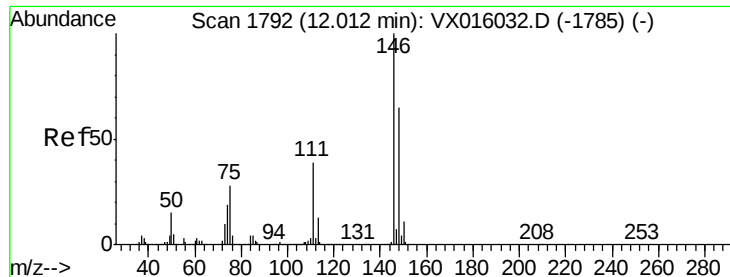


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0





#87

1,3-Dichlorobenzene

Concen: 94.032 ug/l

RT: 12.01 min Scan# 1792

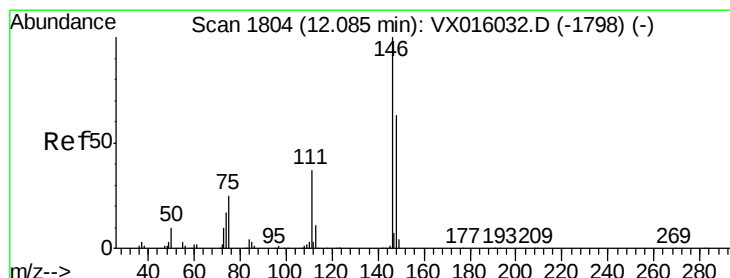
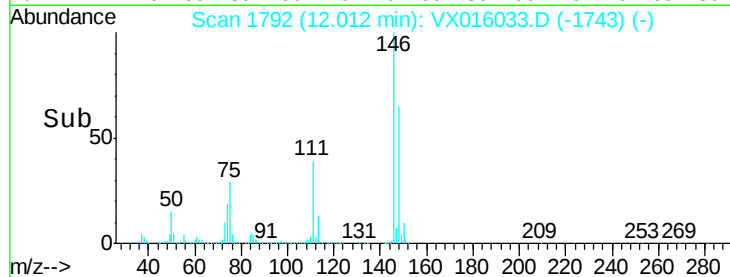
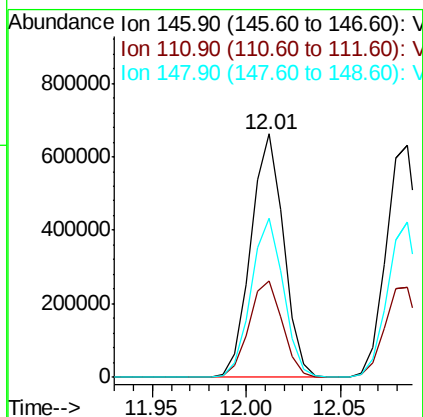
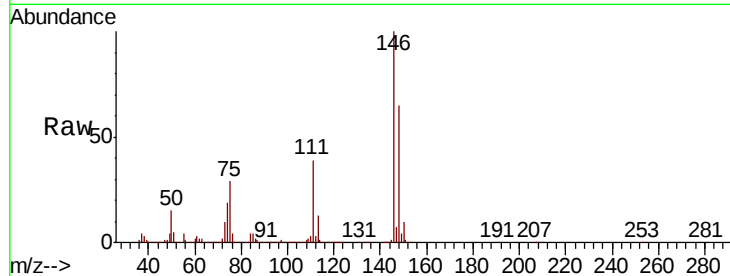
Delta R.T. -0.00 min

Lab File: VX016033.D

Acq: 04 May 2020 13:10

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.3	20.2	60.6
148	64.6	32.1	96.3



#88

1,4-Dichlorobenzene

Concen: 93.721 ug/l

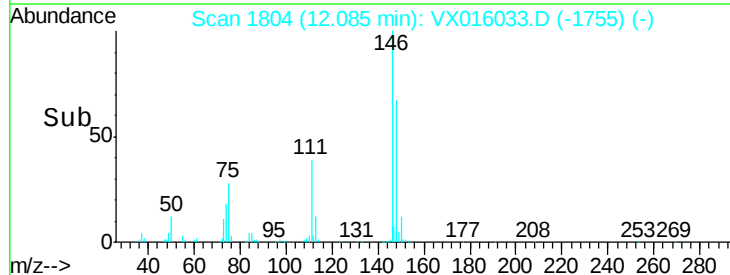
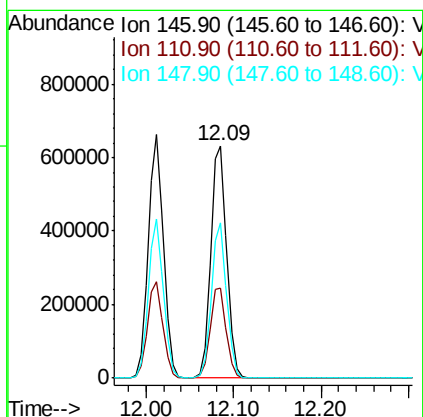
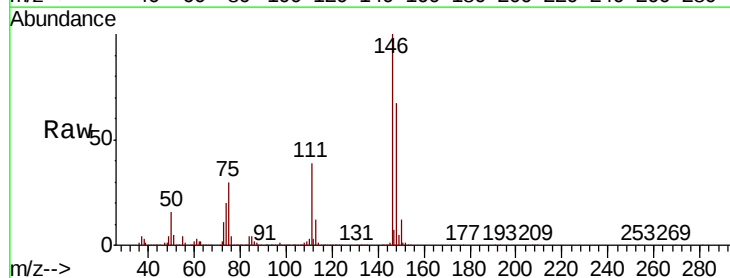
RT: 12.09 min Scan# 1804

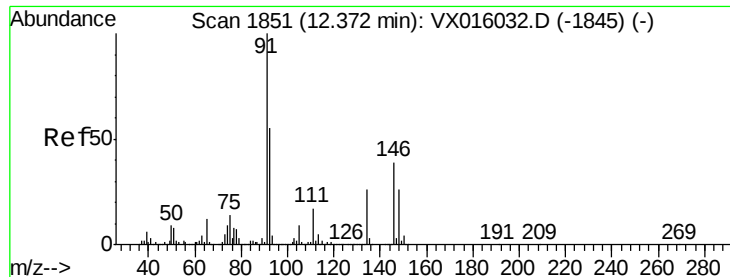
Delta R.T. -0.00 min

Lab File: VX016033.D

Acq: 04 May 2020 13:10

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.3	19.6	58.7
148	64.0	31.8	95.3

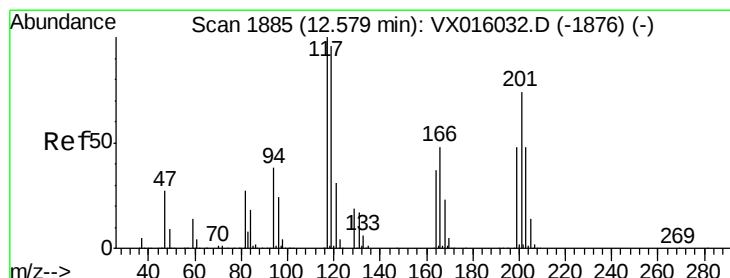
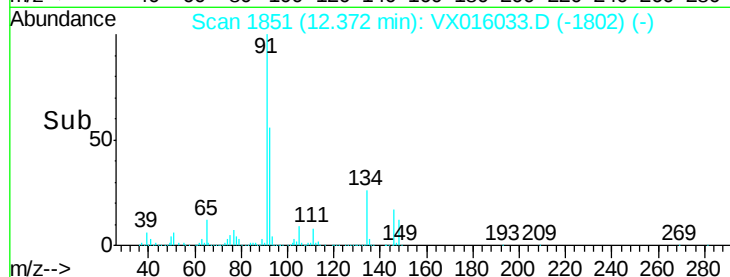
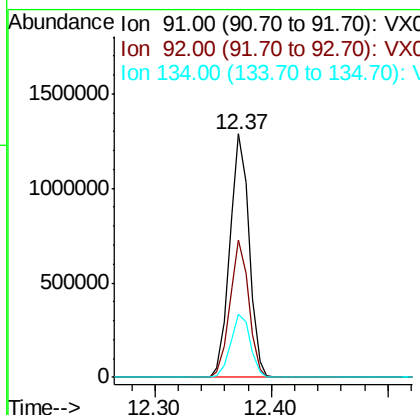
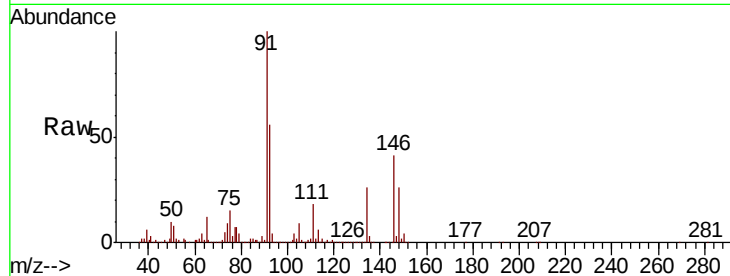




#89
n-Butylbenzene
Concen: 99.013 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. -0.00 min
Lab File: VX016033.D
Acq: 04 May 2020 13:10

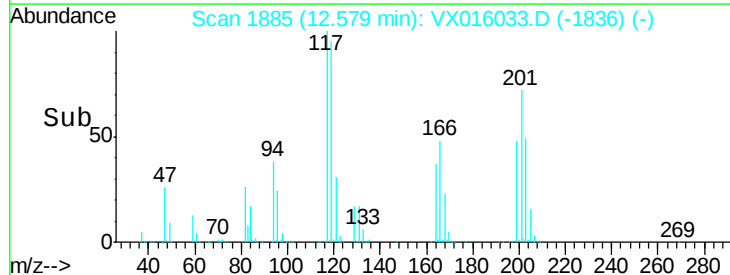
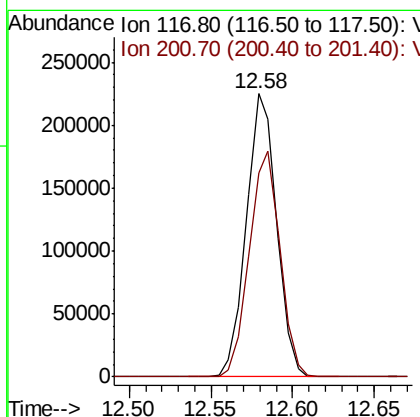
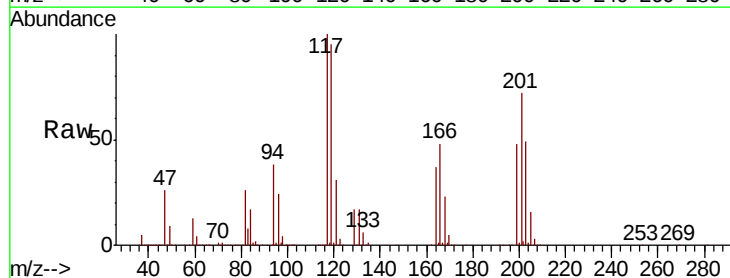
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tot Ion: 91 Resp: 1483299
Ion Ratio Lower Upper
91 100
92 55.0 27.6 82.7
134 26.6 13.4 40.1



#90
Hexachloroethane
Concen: 106.864 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX016033.D
Acq: 04 May 2020 13:10

Tgt Ion: 117 Resp: 292381
Ion Ratio Lower Upper
117 100
201 80.8 39.8 119.3





#91

1,2-Dichlorobenzene

Concen: 95.099 ug/l

RT: 12.38 min Scan# 1852

Delta R.T. -0.00 min

Lab File: VX016033.D

Acq: 04 May 2020 13:10

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

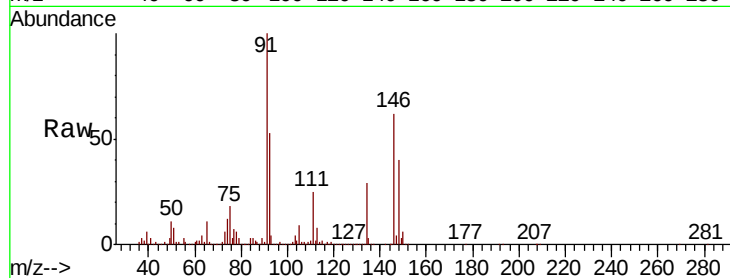
Tot Ion:146 Resp: 775269

Ion Ratio Lower Upper

146 100

111 41.7 21.1 63.1

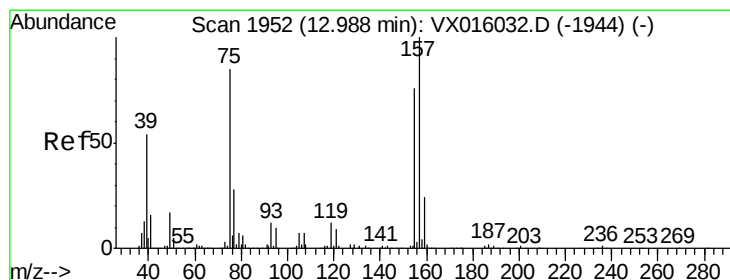
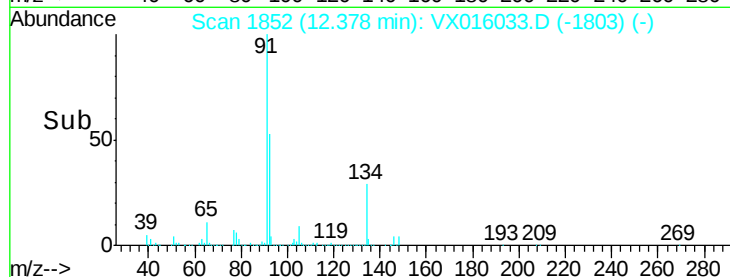
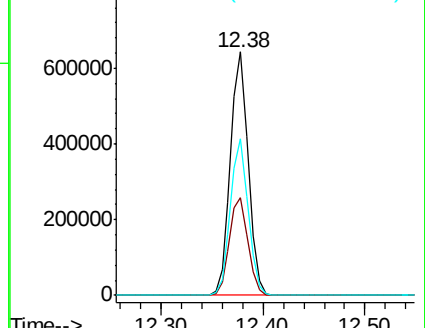
148 64.1 32.4 97.0



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 99.924 ug/l

RT: 12.98 min Scan# 1951

Delta R.T. -0.01 min

Lab File: VX016033.D

Acq: 04 May 2020 13:10

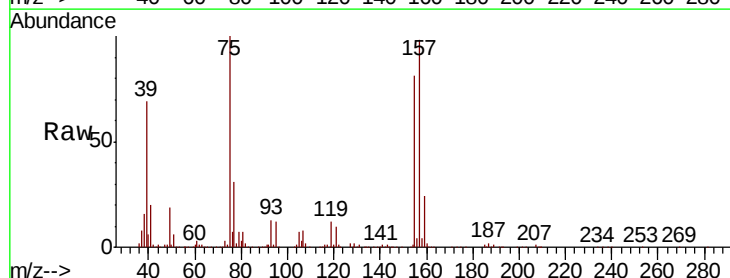
Tgt Ion: 75 Resp: 147099

Ion Ratio Lower Upper

75 100

155 88.1 42.5 127.5

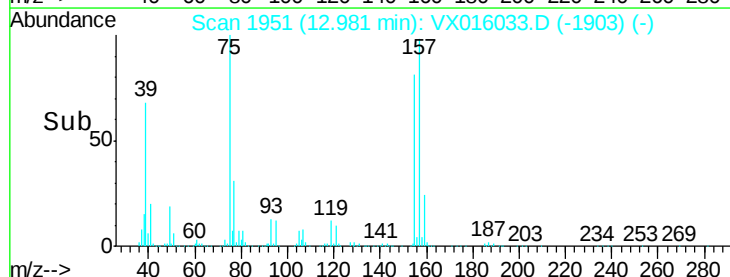
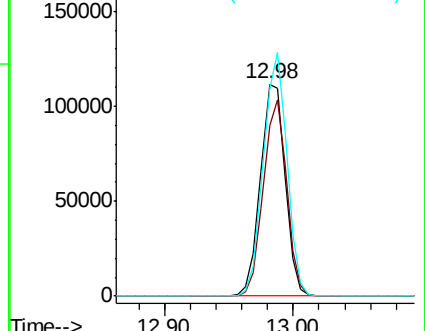
157 110.0 55.3 165.8

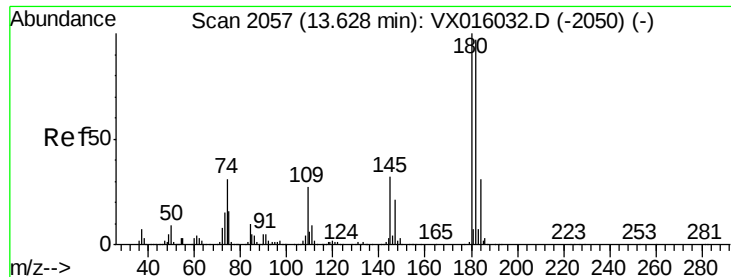


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

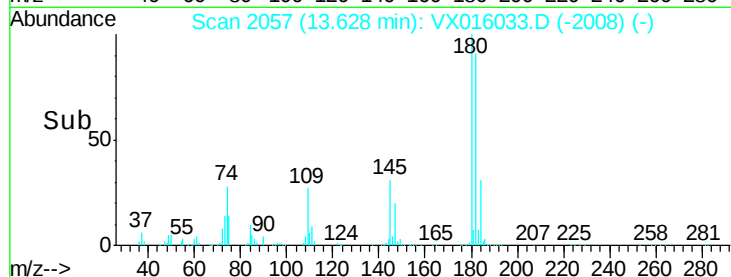
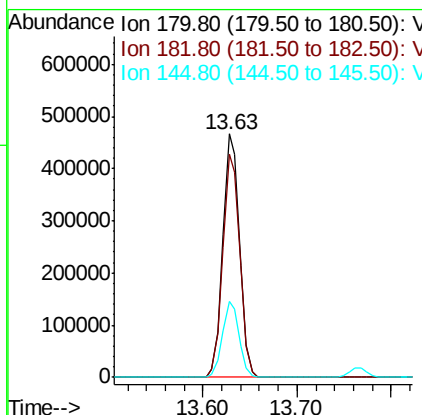
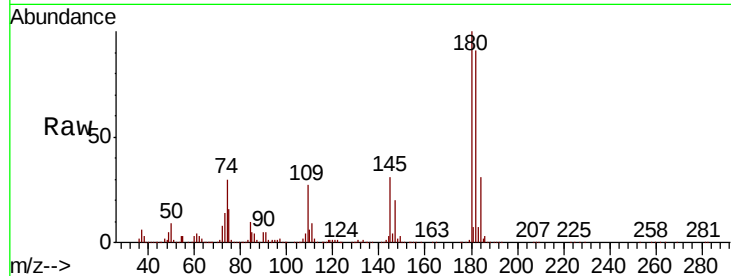




#93
 1,2,4-Trichlorobenzene
 Concen: 95.257 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. -0.00 min
 Lab File: VX016033.D
 Acq: 04 May 2020 13:10

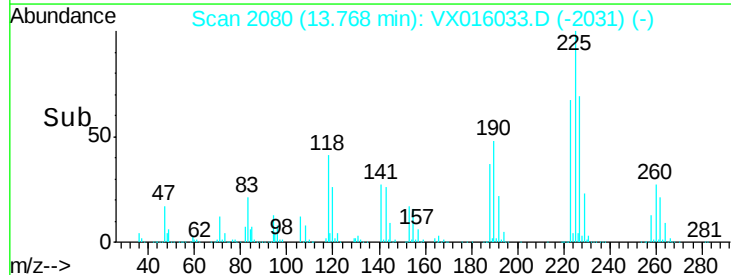
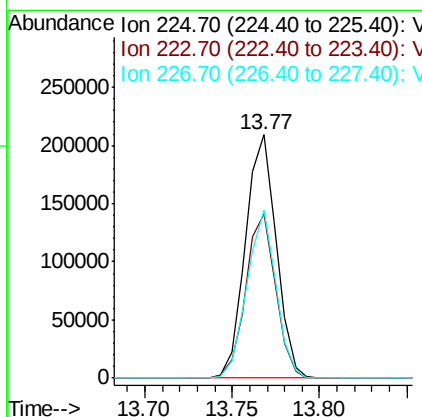
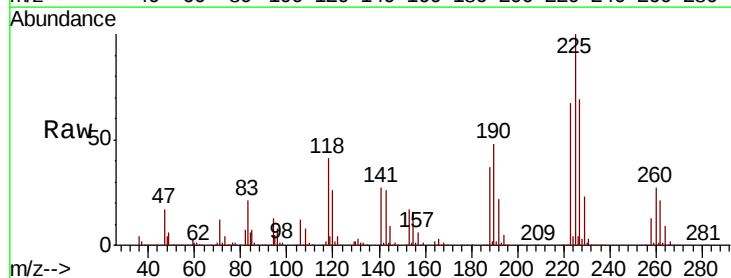
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

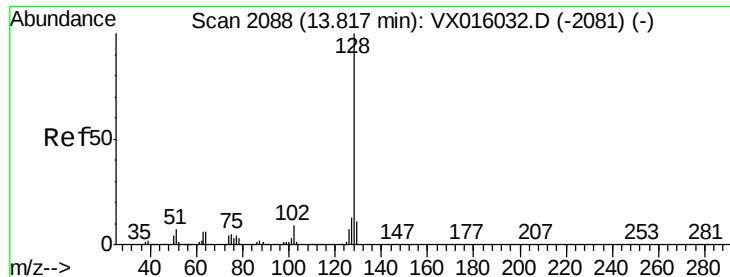
Tot Ion:180 Resp: 572668
 Ion Ratio Lower Upper
 180 100
 182 92.8 48.7 146.1
 145 31.0 15.7 47.1



#94
 Hexachlorobutadiene
 Concen: 90.558 ug/l
 RT: 13.77 min Scan# 2080
 Delta R.T. -0.00 min
 Lab File: VX016033.D
 Acq: 04 May 2020 13:10

Tgt Ion:225 Resp: 255706
 Ion Ratio Lower Upper
 225 100
 223 65.4 32.3 96.9
 227 65.5 31.8 95.4





#95

Naphthalene

Concen: 97.625 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. -0.00 min

Lab File: VX016033.D

Acq: 04 May 2020 13:10

Instrument :

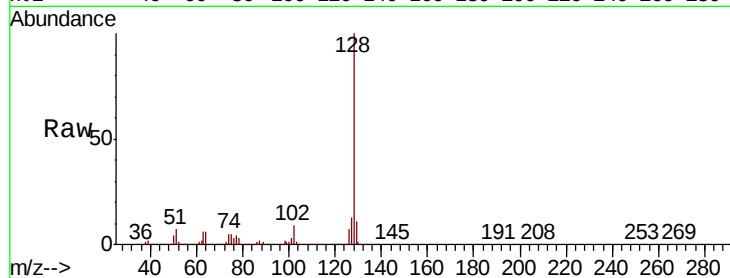
MSVOA_X

ClientSampleId :

VSTDIC100

Tot Ion:128 Resp: 1889591

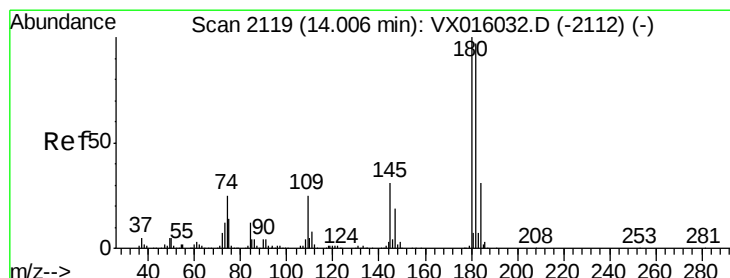
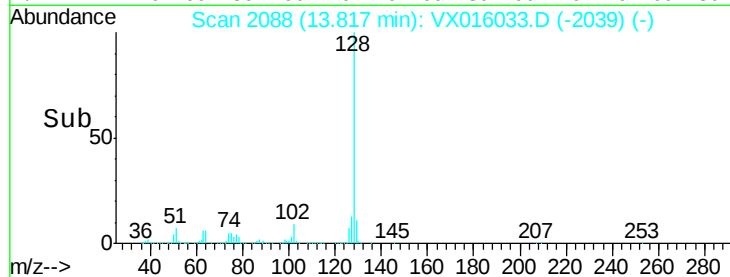
Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.2	15.4
129	11.0	8.7	13.1



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: 95.965 ug/l

RT: 14.01 min Scan# 2119

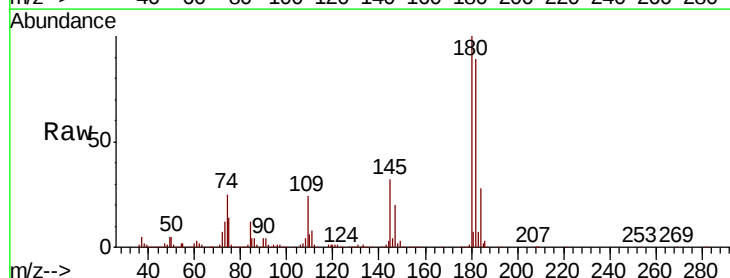
Delta R.T. -0.00 min

Lab File: VX016033.D

Acq: 04 May 2020 13:10

Tgt Ion:180 Resp: 564499

Ion	Ratio	Lower	Upper
180	100		
182	94.1	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

