

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062420\
 Data File : VX016941.D
 Acq On : 24 Jun 2020 11:16
 Operator : JC/SP
 Sample : VSTDIC005
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Quant Time: Jun 24 12:33:07 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X062420W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 24 12:24:11 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	195548	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	342313	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.09	117	309650	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	139847	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.03	65	17643	7.08	ug/l	0.00
Spiked Amount			Recovery	=	14.16%	
35) Dibromofluoromethane	5.46	113	12815	5.82	ug/l	0.00
Spiked Amount			Recovery	=	11.64%	
50) Toluene-d8	8.70	98	44499	5.10	ug/l	0.00
Spiked Amount			Recovery	=	10.20%	
62) 4-Bromofluorobenzene	11.12	95	15754	4.64	ug/l	0.00
Spiked Amount			Recovery	=	9.28%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.18	85	10465	4.707	ug/l	94
3) Chloromethane	1.32	50	11025	4.590	ug/l	97
4) Vinyl Chloride	1.39	62	11516	4.399	ug/l	93
5) Bromomethane	1.62	94	7916	5.006	ug/l	89
6) Chloroethane	1.70	64	8185	4.919	ug/l	95
7) Trichlorofluoromethane	1.92	101	19317	5.058	ug/l	96
8) Diethyl Ether	2.17	74	7481	5.039	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.36	101	10408	5.087	ug/l	97
10) Methyl Iodide	2.49	142	11938	5.766	ug/l	98
11) Tert butyl alcohol	3.01	59	15161	35.206	ug/l #	89
12) 1,1-Dichloroethene	2.36	96	10911	5.246	ug/l	97
13) Acrolein	2.27	56	11000	39.534	ug/l	97
14) Allyl chloride	2.70	41	23623	7.941	ug/l	99
15) Acrylonitrile	3.12	53	35158	36.185	ug/l	96
16) Acetone	2.42	43	28362	31.002	ug/l	93
17) Carbon Disulfide	2.55	76	35375	6.301	ug/l	100
18) Methyl Acetate	2.75	43	16472	7.302	ug/l	95
19) Methyl tert-butyl Ether	3.17	73	43189	6.970	ug/l	91
20) Methylene Chloride	2.84	84	14717	6.936	ug/l	88
21) trans-1,2-Dichloroethene	3.14	96	13220	6.510	ug/l	93
22) Diisopropyl ether	3.82	45	42969	7.482	ug/l #	84
23) Vinyl Acetate	3.79	43	180462	37.596	ug/l	100
24) 1,1-Dichloroethane	3.67	63	24081	6.941	ug/l	99
25) 2-Butanone	4.64	43	44773	35.108	ug/l	97
26) 2,2-Dichloropropane	4.55	77	20503	6.397	ug/l	93
27) cis-1,2-Dichloroethene	4.56	96	13654	5.976	ug/l	96
28) Bromochloromethane	4.98	49	11146	7.642	ug/l	95
29) Tetrahydrofuran	5.09	42	29188	35.948	ug/l	96
30) Chloroform	5.18	83	25068	6.877	ug/l	95
31) Cyclohexane	5.55	56	20338	6.613	ug/l	96
32) 1,1,1-Trichloroethane	5.46	97	22378	6.531	ug/l	97
36) 1,1-Dichloropropene	5.77	75	17008	5.285	ug/l	98
37) Ethyl Acetate	4.80	43	18082	6.141	ug/l	94
38) Carbon Tetrachloride	5.75	117	18323	5.132	ug/l	95

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 Data File : VX016941.D
 Acq On : 24 Jun 2020 11:16
 Operator : JC/SP
 Sample : VSTDIC005
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Quant Time: Jun 24 12:33:07 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X062420W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 24 12:24:11 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	17307	4.723	ug/l	96
40) Benzene	6.11	78	46487	4.843	ug/l	99
41) Methacrylonitrile	5.01	41	9356	5.834	ug/l #	90
42) 1,2-Dichloroethane	6.16	62	19079	5.491	ug/l	96
43) Isopropyl Acetate	6.41	43	29735	5.873	ug/l	96
44) Trichloroethene	7.18	130	13957	5.014	ug/l	89
45) 1,2-Dichloropropane	7.49	63	12783	5.258	ug/l	99
46) Dibromomethane	7.64	93	9389	5.703	ug/l	98
47) Bromodichloromethane	7.88	83	18088	5.154	ug/l	99
48) Methyl methacrylate	7.74	41	13633	5.632	ug/l	97
49) 1,4-Dioxane	7.72	88	5939	112.417	ug/l #	89
51) 4-Methyl-2-Pentanone	8.62	43	91588	29.868	ug/l	98
52) Toluene	8.76	92	31258	4.939	ug/l	97
53) t-1,3-Dichloropropene	9.02	75	21792	5.656	ug/l	98
54) cis-1,3-Dichloropropene	8.41	75	19888	4.838	ug/l	95
55) 1,1,2-Trichloroethane	9.20	97	13496	5.703	ug/l	98
56) Ethyl methacrylate	9.16	69	18302	5.327	ug/l	98
57) 1,3-Dichloropropane	9.35	76	22131	5.467	ug/l	95
58) 2-Chloroethyl Vinyl ether	8.29	63	40804	24.511	ug/l	97
59) 2-Hexanone	9.48	43	68721	30.822	ug/l	99
60) Dibromochloromethane	9.57	129	14346	5.085	ug/l	97
61) 1,2-Dibromoethane	9.65	107	13848	5.348	ug/l	99
64) Tetrachloroethene	9.32	164	13099	4.704	ug/l	98
65) Chlorobenzene	10.12	112	34842	5.510	ug/l	96
66) 1,1,1,2-Tetrachloroethane	10.21	131	13087	5.324	ug/l	97
67) Ethyl Benzene	10.24	91	60322	5.561	ug/l	97
68) m/p-Xylenes	10.34	106	45501	10.852	ug/l	94
69) o-Xylene	10.68	106	20101	5.164	ug/l	98
70) Styrene	10.70	104	33914	5.114	ug/l	100
71) Bromoform	10.84	173	8231	4.023	ug/l #	98
73) Isopropylbenzene	11.00	105	51785	5.659	ug/l	98
74) N-amyl acetate	10.88	43	22759	6.635	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.26	83	17931	6.719	ug/l	100
76) 1,2,3-Trichloropropane	11.28	75	16756m	6.307	ug/l	
77) Bromobenzene	11.24	156	13380	5.459	ug/l	99
78) n-propylbenzene	11.34	91	62987	6.110	ug/l	99
79) 2-Chlorotoluene	11.40	91	36725	5.827	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	40707	5.180	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.05	75	6587	6.034	ug/l	98
82) 4-Chlorotoluene	11.49	91	40717	5.402	ug/l	96
83) tert-Butylbenzene	11.75	119	40650	5.210	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	45352	5.591	ug/l	99
85) sec-Butylbenzene	11.93	105	54161	5.958	ug/l	100
86) p-Isopropyltoluene	12.05	119	44717	5.426	ug/l	98
87) 1,3-Dichlorobenzene	12.01	146	22612	5.073	ug/l	97
88) 1,4-Dichlorobenzene	12.08	146	26037	5.738	ug/l	95
89) n-Butylbenzene	12.37	91	39625	5.504	ug/l	99
90) Hexachloroethane	12.58	117	9464	6.289	ug/l	96
91) 1,2-Dichlorobenzene	12.38	146	22603	5.202	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	12.98	75	4651	7.447	ug/l	89

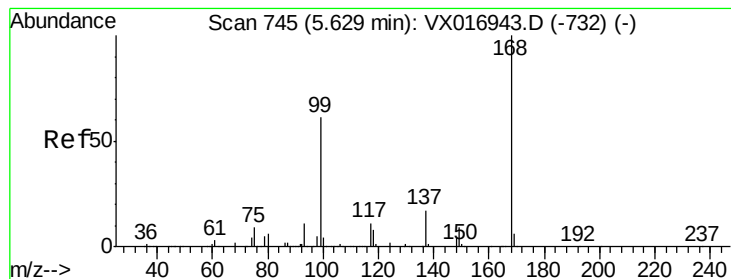
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX062420\
Data File : VX016941.D
Acq On : 24 Jun 2020 11:16
Operator : JC/SP
Sample : VSTDICC005
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Quant Time: Jun 24 12:33:07 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X062420W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 24 12:24:11 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	12417	4.408	ug/l	97
94) Hexachlorobutadiene	13.76	225	5627	4.505	ug/l	96
95) Naphthalene	13.82	128	48552	5.670	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	14784	5.322	ug/l	97

(#) = 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. -0.00 min

Lab File: VX016941.D

Acq: 24 Jun 2020 11:16

Instrument :

MSVOA_X

ClientSampleId :

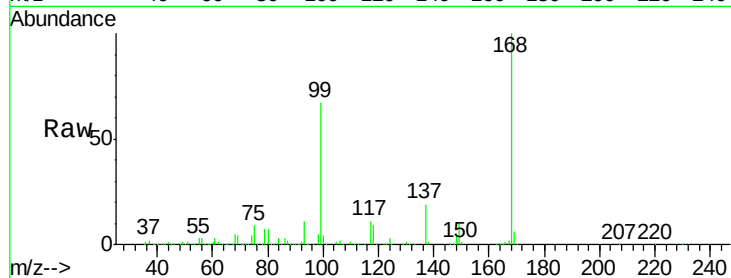
VSTDIC005

Tot Ion:168 Resp: 195548

Ion Ratio Lower Upper

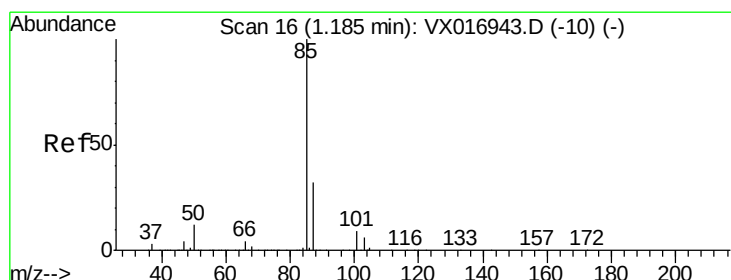
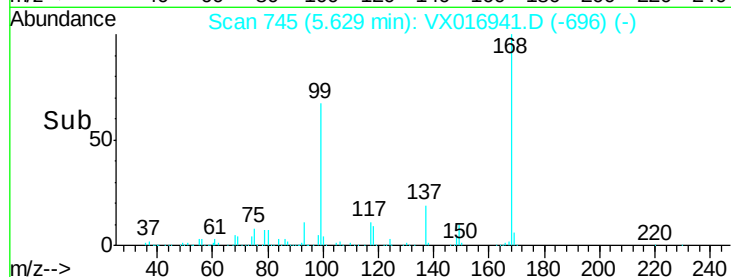
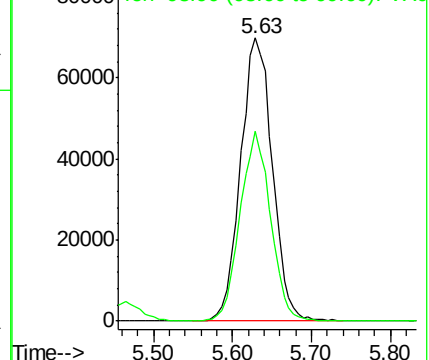
168 100

99 67.2 48.5 72.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 4.707 ug/l

RT: 1.18 min Scan# 16

Delta R.T. -0.00 min

Lab File: VX016941.D

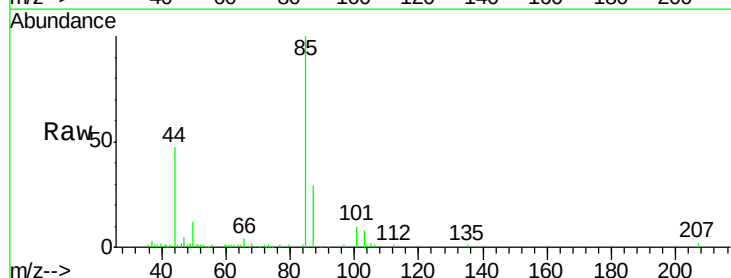
Acq: 24 Jun 2020 11:16

Tgt Ion: 85 Resp: 10465

Ion Ratio Lower Upper

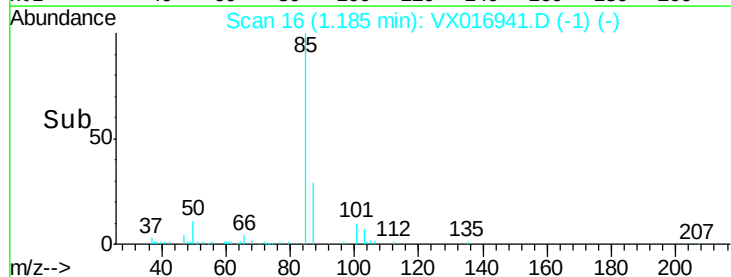
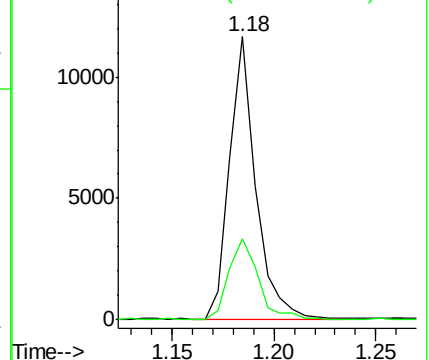
85 100

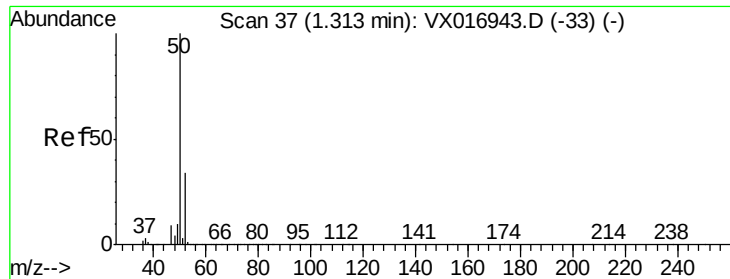
87 28.6 16.1 48.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 4.590 ug/l

RT: 1.32 min Scan# 38

Delta R.T. 0.01 min

Lab File: VX016941.D

Acq: 24 Jun 2020 11:16

Instrument :

MSVOA_X

ClientSampleId :

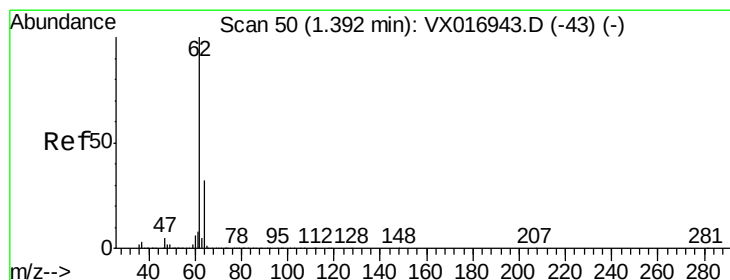
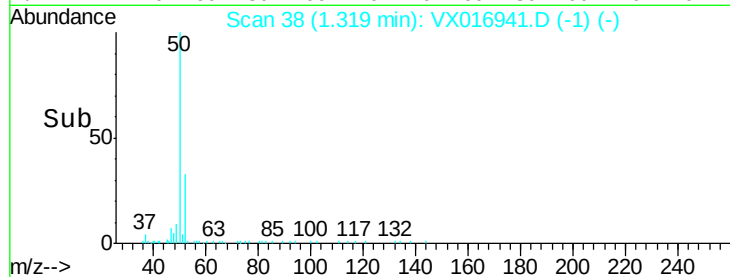
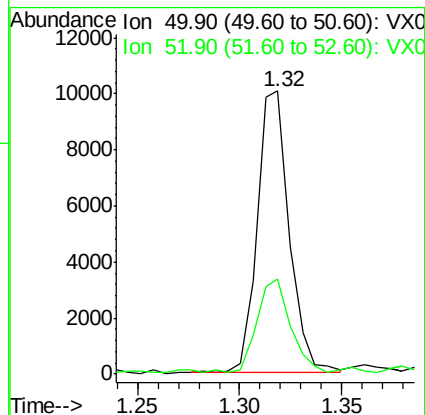
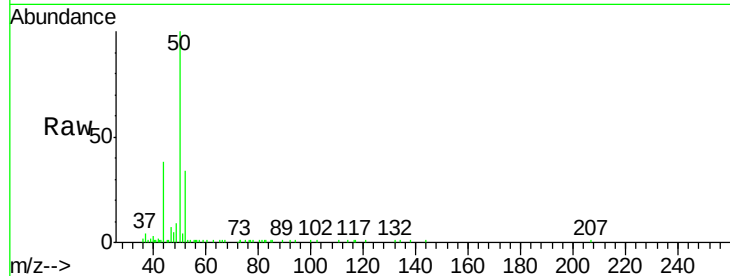
VSTDIC005

Tot Ion: 50 Resp: 11025

Ion Ratio Lower Upper

50 100

52 32.3 27.2 40.8



#4

Vinyl Chloride

Concen: 4.399 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX016941.D

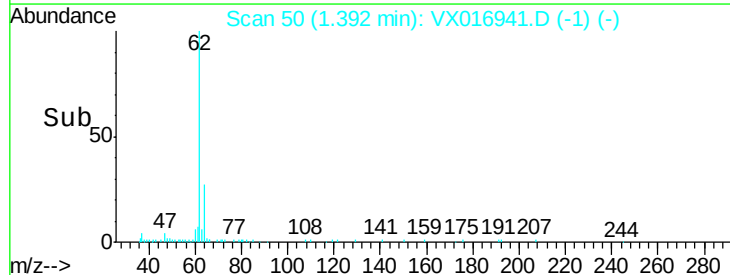
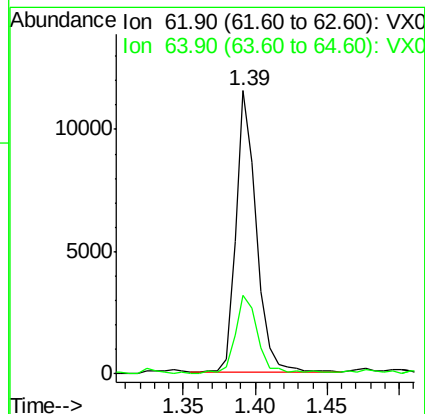
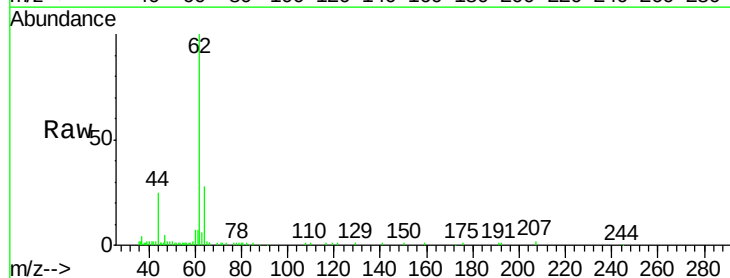
Acq: 24 Jun 2020 11:16

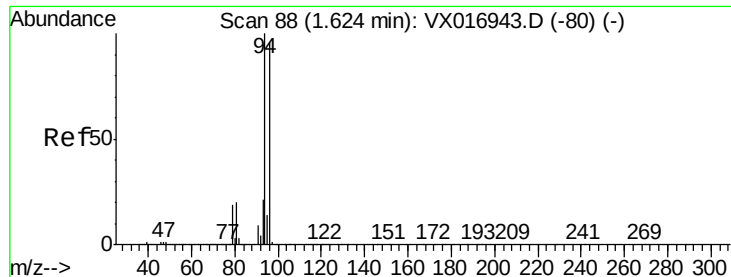
Tgt Ion: 62 Resp: 11516

Ion Ratio Lower Upper

62 100

64 27.9 25.4 38.0





#5

Bromomethane

Concen: 5.006 ug/l

RT: 1.62 min Scan# 88

Delta R.T. -0.00 min

Lab File: VX016941.D

Acq: 24 Jun 2020 11:16

Instrument :

MSVOA_X

ClientSampleId :

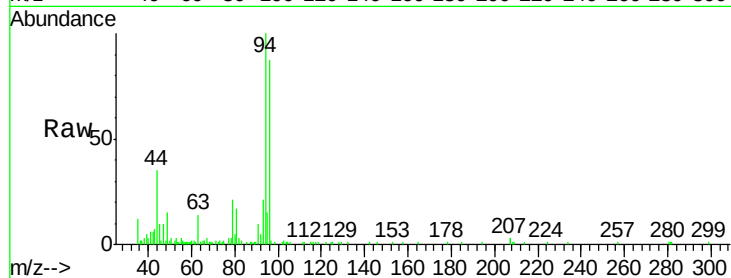
VSTDIC005

Tot Ion: 94 Resp: 7916

Ion Ratio Lower Upper

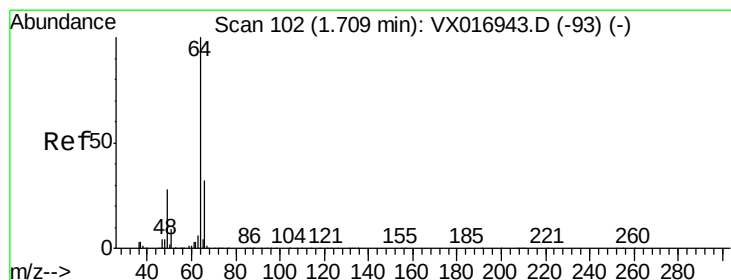
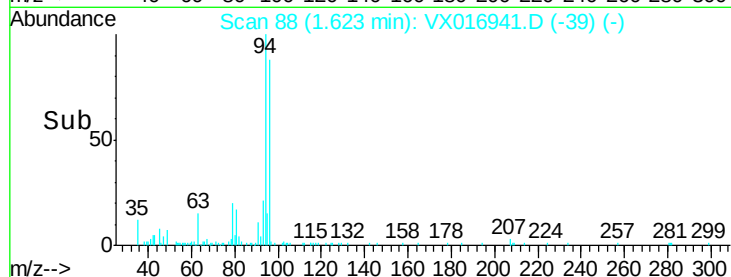
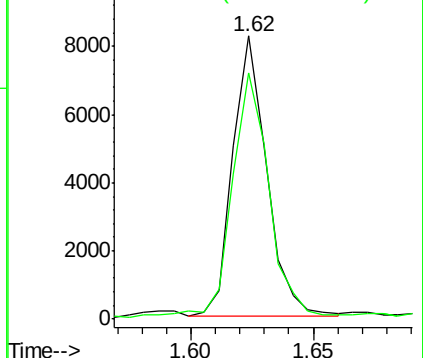
94 100

96 86.1 77.1 115.7



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 4.919 ug/l

RT: 1.70 min Scan# 101

Delta R.T. -0.01 min

Lab File: VX016941.D

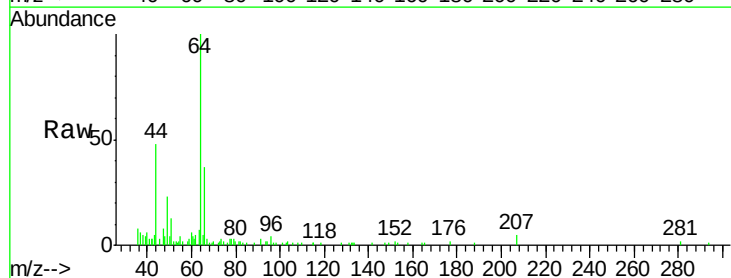
Acq: 24 Jun 2020 11:16

Tgt Ion: 64 Resp: 8185

Ion Ratio Lower Upper

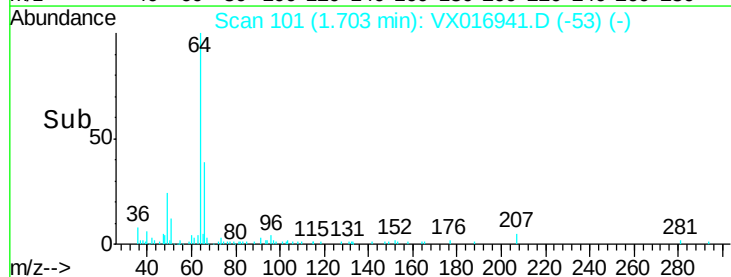
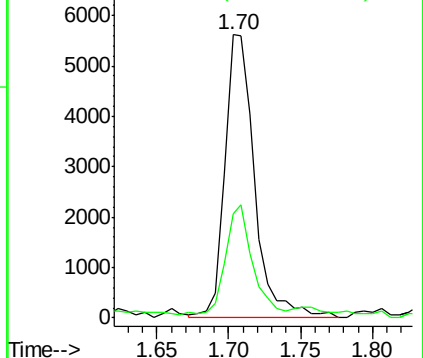
64 100

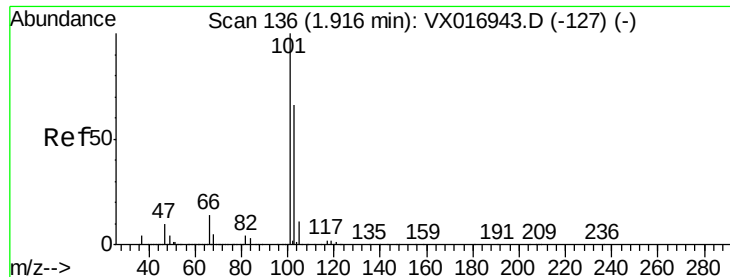
66 34.9 25.9 38.9



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



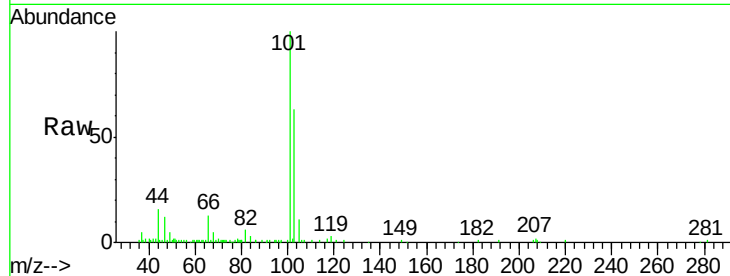


#7

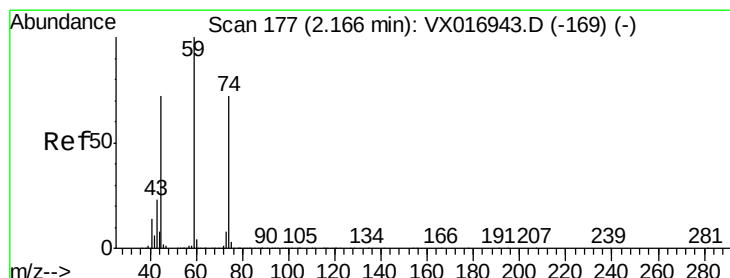
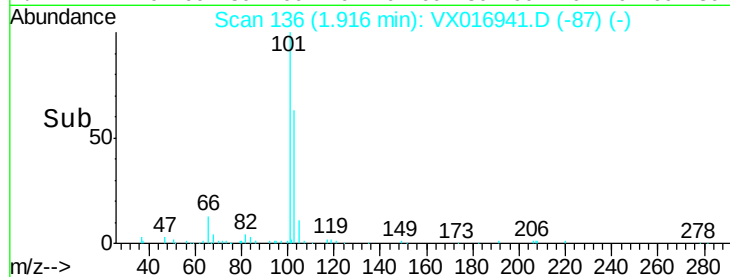
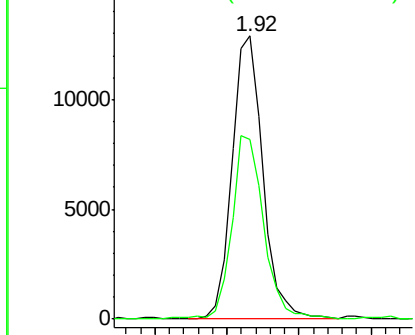
Trichlorofluoromethane
Concen: 5.058 ug/l
RT: 1.92 min Scan# 136
Delta R.T. -0.00 min
Lab File: VX016941.D
Acq: 24 Jun 2020 11:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion:101 Resp: 19317
Ion Ratio Lower Upper
101 100
103 63.3 53.0 79.4



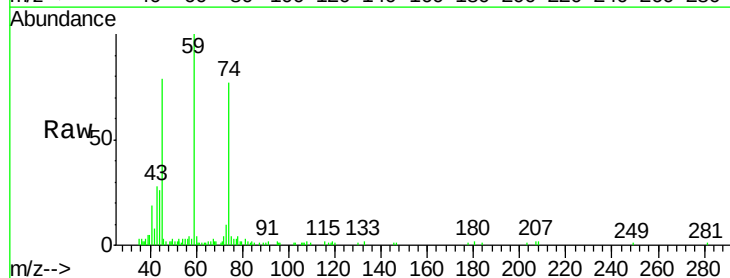
Abundance Ion 100.90 (100.60 to 101.60): V
Ion 102.80 (102.50 to 103.50): V



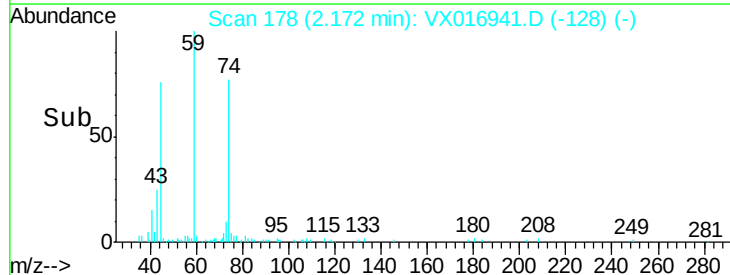
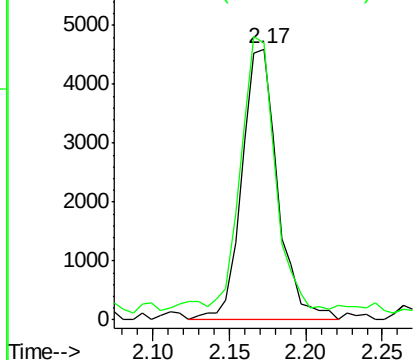
#8

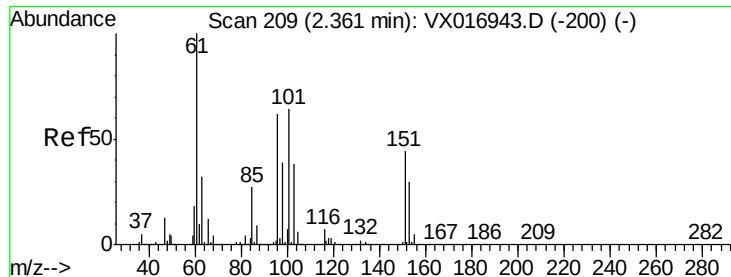
Diethyl Ether
Concen: 5.039 ug/l
RT: 2.17 min Scan# 178
Delta R.T. 0.01 min
Lab File: VX016941.D
Acq: 24 Jun 2020 11:16

Tgt Ion: 74 Resp: 7481
Ion Ratio Lower Upper
74 100
45 99.3 49.1 147.4



Abundance Ion 74.00 (73.70 to 74.70): VX0
Ion 45.00 (44.70 to 45.70): VX0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 5.087 ug/l

RT: 2.36 min Scan# 209

Delta R.T. -0.00 min

Lab File: VX016941.D

Acq: 24 Jun 2020 11:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

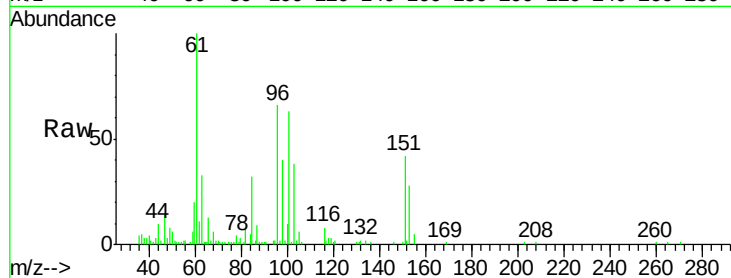
Tot Ion:101 Resp: 10408

Ion Ratio Lower Upper

101 100

85 49.1 36.7 55.1

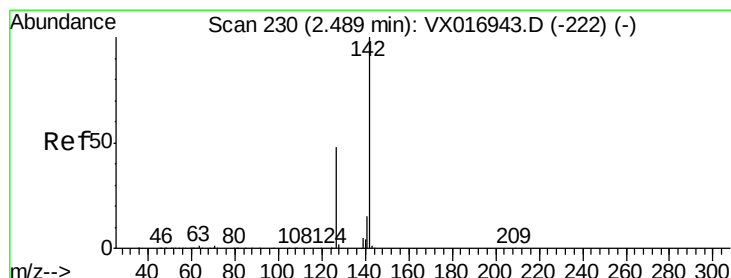
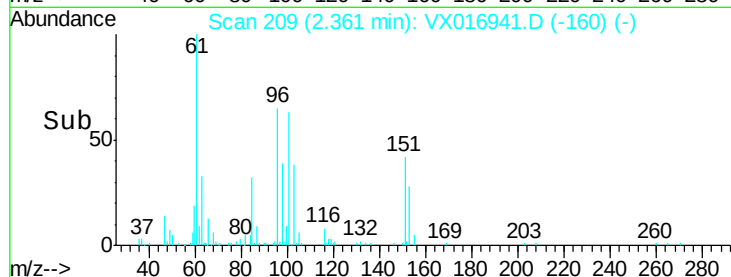
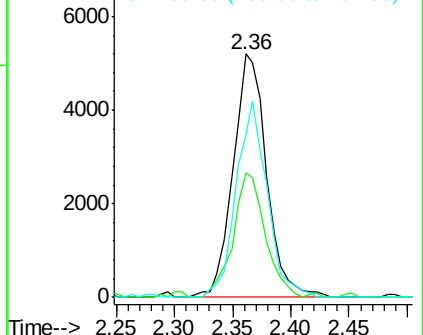
151 75.0 58.2 87.4



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 5.766 ug/l

RT: 2.49 min Scan# 230

Delta R.T. -0.00 min

Lab File: VX016941.D

Acq: 24 Jun 2020 11:16

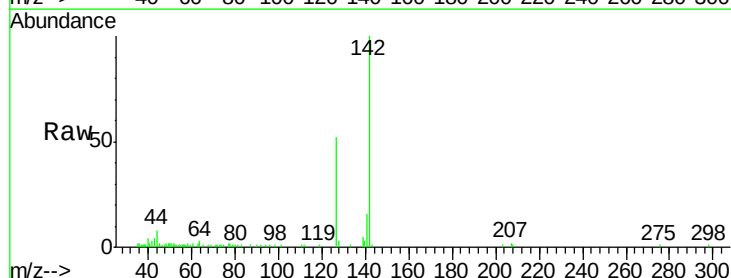
Tgt Ion:142 Resp: 11938

Ion Ratio Lower Upper

142 100

127 49.5 38.5 57.7

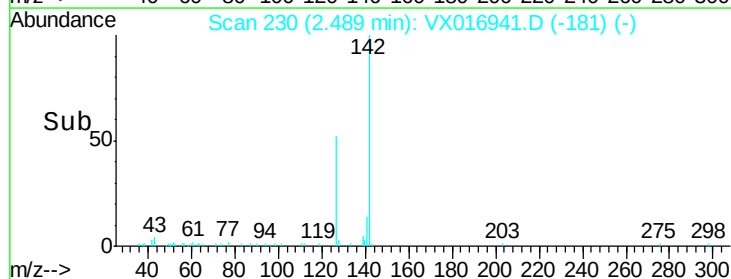
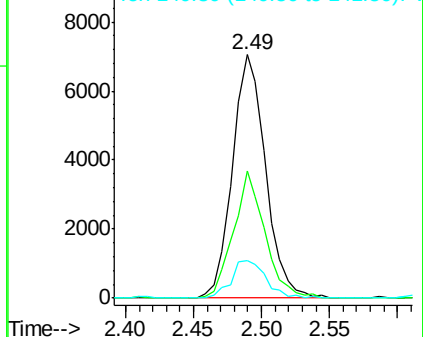
141 16.3 12.0 18.0

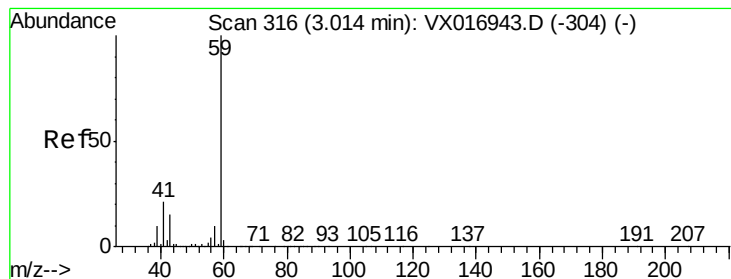


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 35.206 ug/l

RT: 3.01 min Scan# 316

Delta R.T. -0.00 min

Lab File: VX016941.D

Acq: 24 Jun 2020 11:16

Instrument :

MSVOA_X

ClientSampleId :

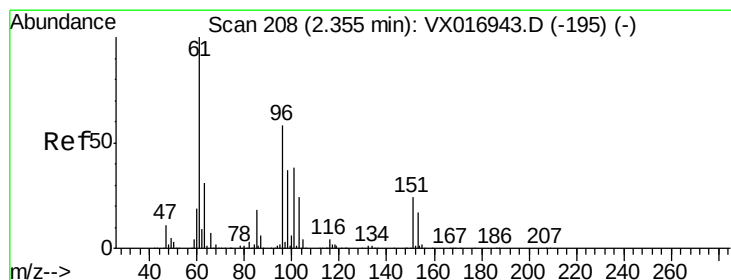
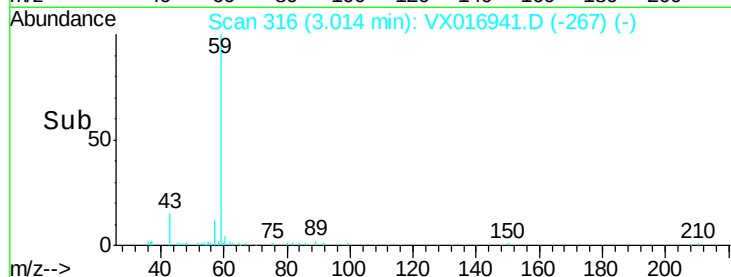
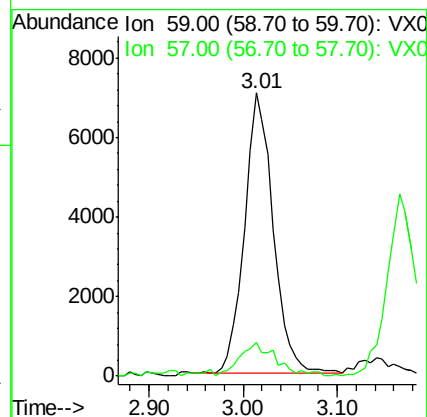
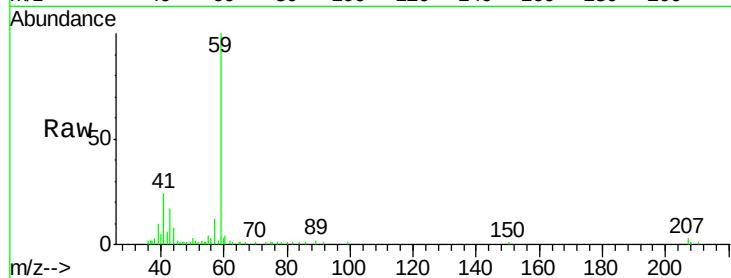
VSTDIC005

Tot Ion: 59 Resp: 15161

Ion Ratio Lower Upper

59 100

57 15.2 8.8 13.2#



#12

1,1-Dichloroethene

Concen: 5.246 ug/l

RT: 2.36 min Scan# 208

Delta R.T. -0.00 min

Lab File: VX016941.D

Acq: 24 Jun 2020 11:16

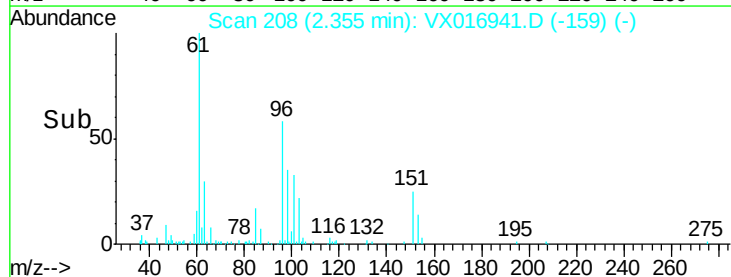
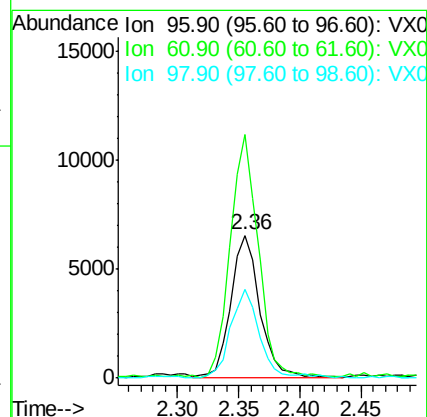
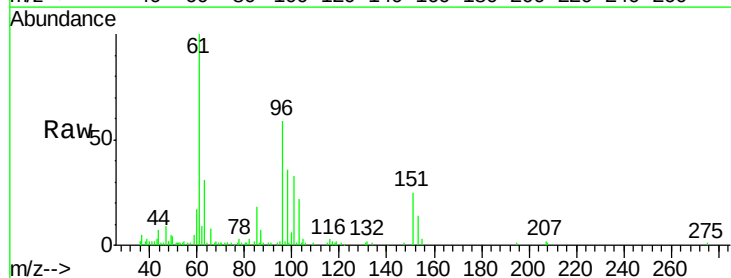
Tgt Ion: 96 Resp: 10911

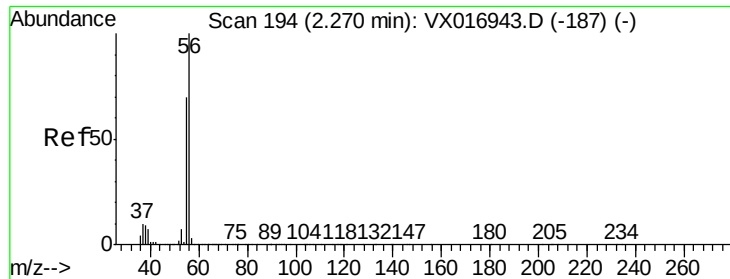
Ion Ratio Lower Upper

96 100

61 169.6 138.6 208.0

98 61.7 51.1 76.7





#13

Acrolein

Concen: 39.534 ug/l

RT: 2.27 min Scan# 194

Delta R.T. -0.00 min

Lab File: VX016941.D

Acq: 24 Jun 2020 11:16

Instrument :

MSVOA_X

ClientSampleId :

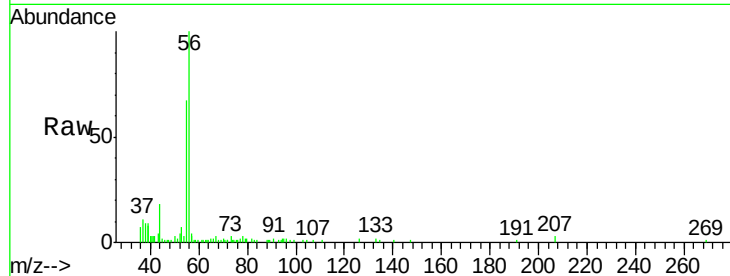
VSTDIC005

Tot Ion: 56 Resp: 11000

Ion Ratio Lower Upper

56 100

55 67.8 55.9 83.9



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

8000

6000

4000

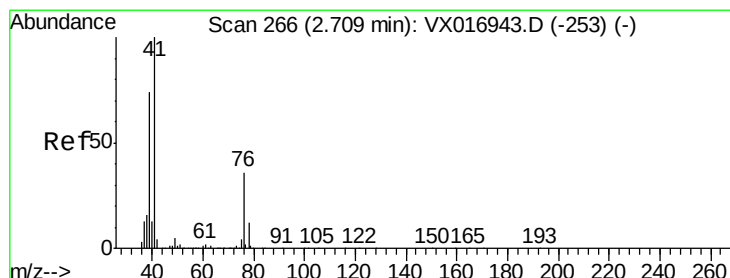
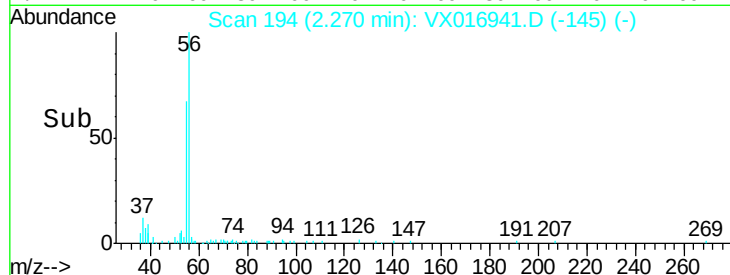
2000

0

Time-->

2.20 2.25 2.30 2.35

2.27



#14

Allyl chloride

Concen: 7.941 ug/l

RT: 2.70 min Scan# 265

Delta R.T. -0.01 min

Lab File: VX016941.D

Acq: 24 Jun 2020 11:16

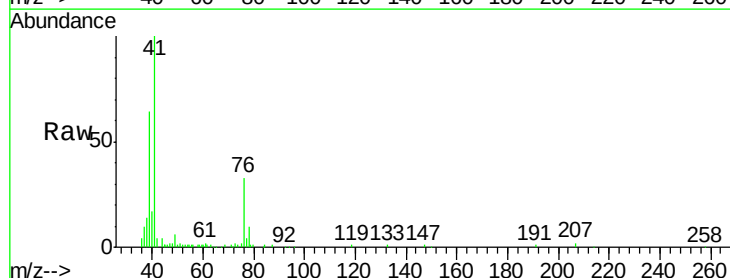
Tgt Ion: 41 Resp: 23623

Ion Ratio Lower Upper

41 100

39 69.0 54.5 81.7

76 31.7 26.1 39.1



Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0

15000

10000

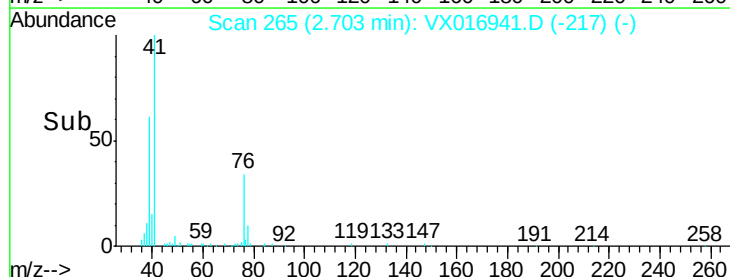
5000

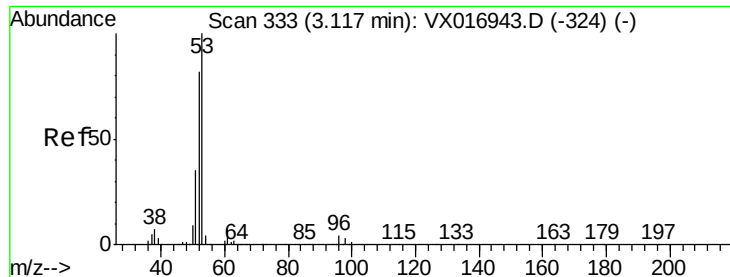
0

Time-->

2.60 2.65 2.70 2.75 2.80

2.70





#15

Acrylonitrile

Concen: 36.185 ug/l

RT: 3.12 min Scan# 333

Delta R.T. -0.00 min

Lab File: VX016941.D

Acq: 24 Jun 2020 11:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

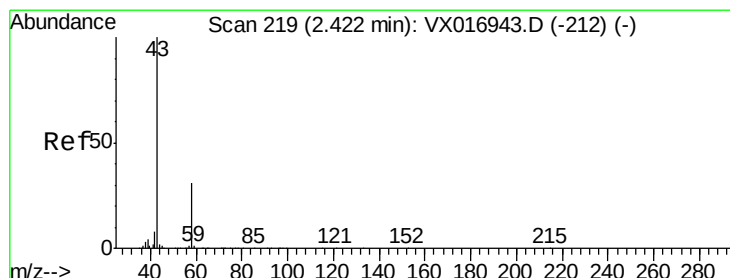
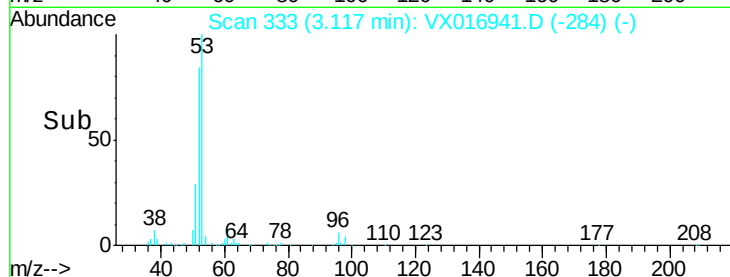
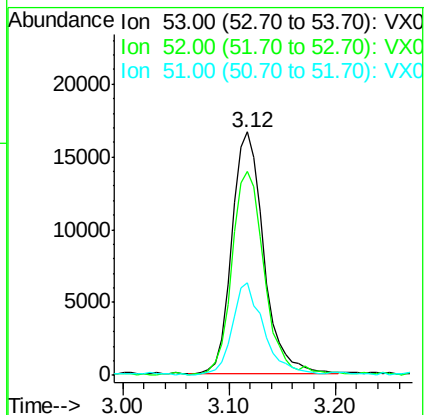
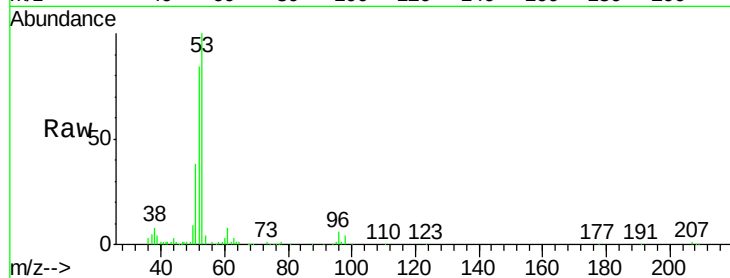
Tot Ion: 53 Resp: 35158

Ion Ratio Lower Upper

53 100

52 86.4 66.2 99.2

51 38.3 29.0 43.6



#16

Acetone

Concen: 31.002 ug/l

RT: 2.42 min Scan# 218

Delta R.T. -0.01 min

Lab File: VX016941.D

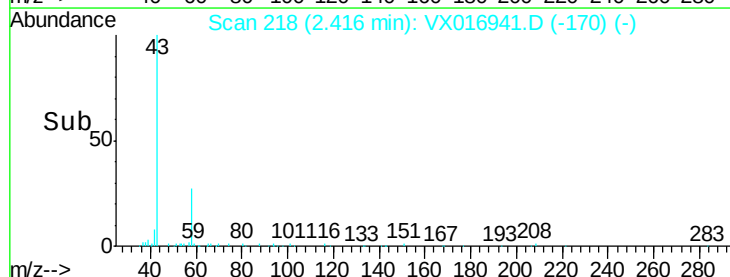
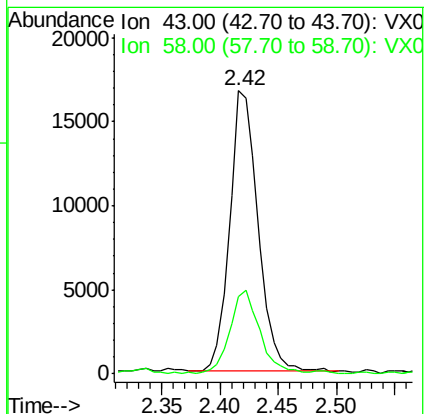
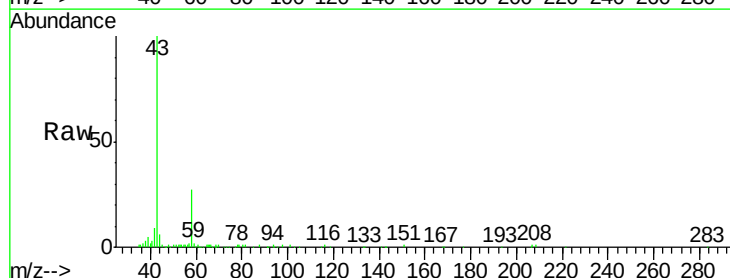
Acq: 24 Jun 2020 11:16

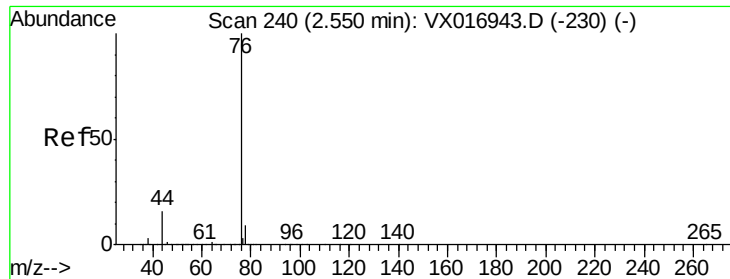
Tgt Ion: 43 Resp: 28362

Ion Ratio Lower Upper

43 100

58 27.4 25.0 37.4





#17

Carbon Disulfide

Concen: 6.301 ug/l

RT: 2.55 min Scan# 240

Delta R.T. -0.00 min

Lab File: VX016941.D

Acq: 24 Jun 2020 11:16

Instrument :

MSVOA_X

ClientSampleId :

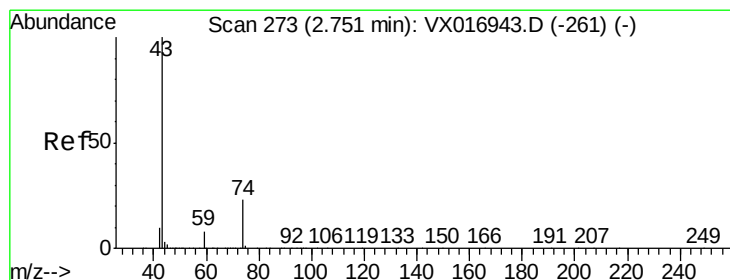
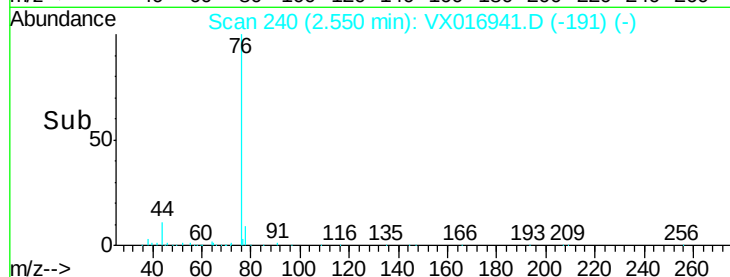
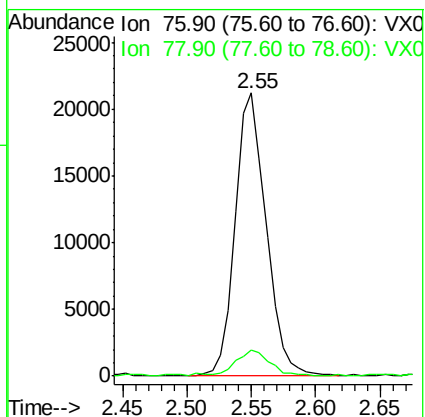
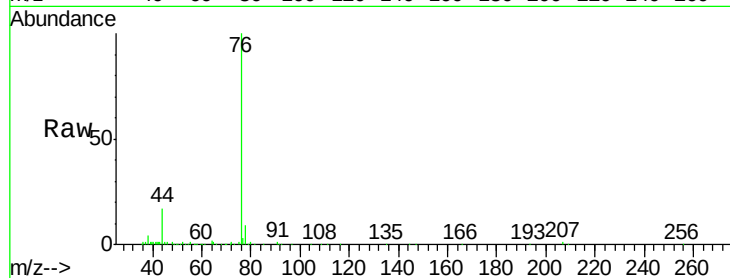
VSTDIC005

Tot Ion: 76 Resp: 35375

Ion Ratio Lower Upper

76 100

78 9.1 7.2 10.8



#18

Methyl Acetate

Concen: 7.302 ug/l

RT: 2.75 min Scan# 273

Delta R.T. -0.00 min

Lab File: VX016941.D

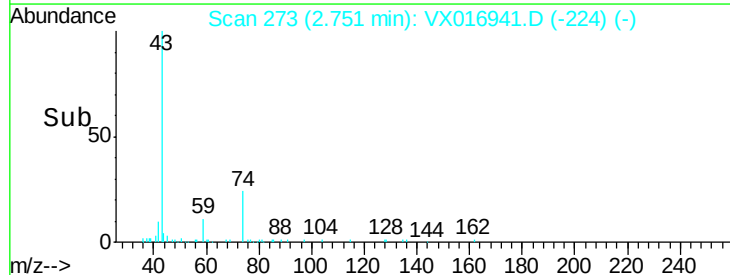
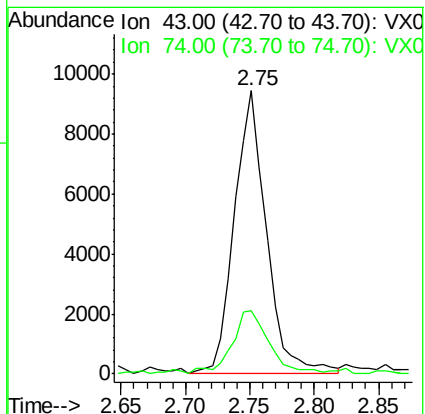
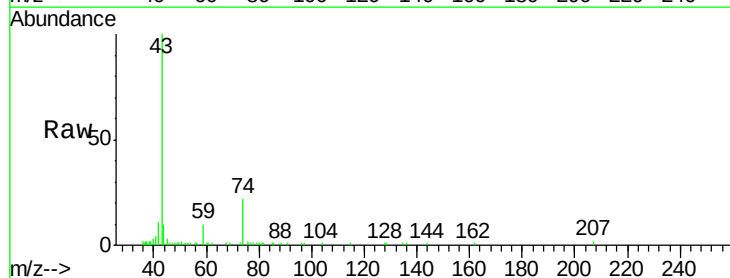
Acq: 24 Jun 2020 11:16

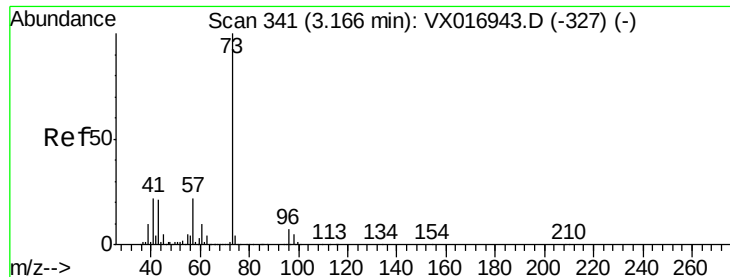
Tgt Ion: 43 Resp: 16472

Ion Ratio Lower Upper

43 100

74 25.7 18.8 28.2





#19

Methvl tert-butvl Ether

Concen: 6.970 ug/l

RT: 3.17 min Scan# 341

Delta R.T. -0.00 min

Lab File: VX016941.D

Acq: 24 Jun 2020 11:16

Instrument :

MSVOA_X

ClientSampleId :

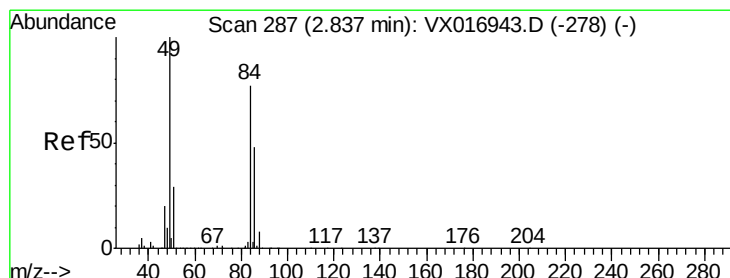
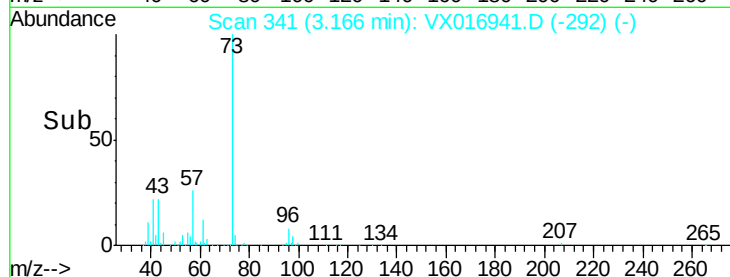
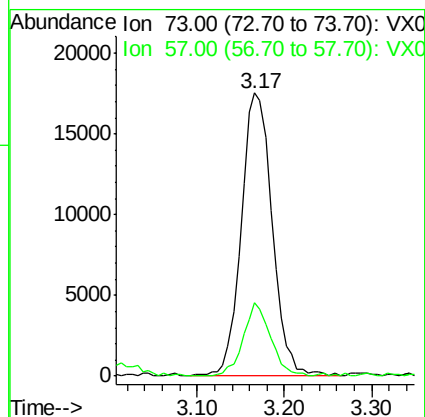
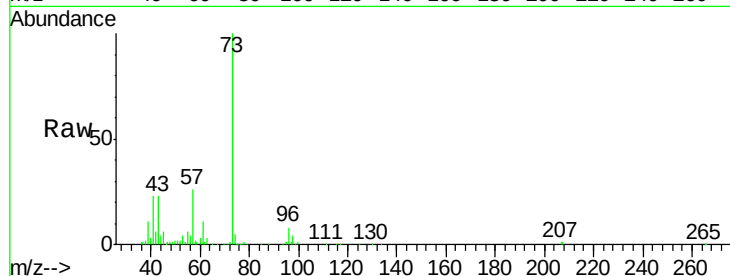
VSTDIC005

Tot Ion: 73 Resp: 43189

Ion Ratio Lower Upper

73 100

57 26.1 17.6 26.4



#20

Methylene Chloride

Concen: 6.936 ug/l

RT: 2.84 min Scan# 287

Delta R.T. -0.00 min

Lab File: VX016941.D

Acq: 24 Jun 2020 11:16

Tgt Ion: 84 Resp: 14717

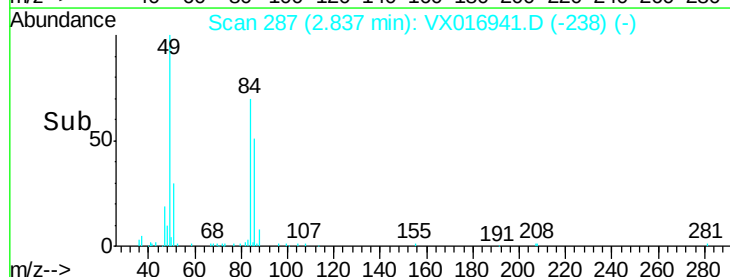
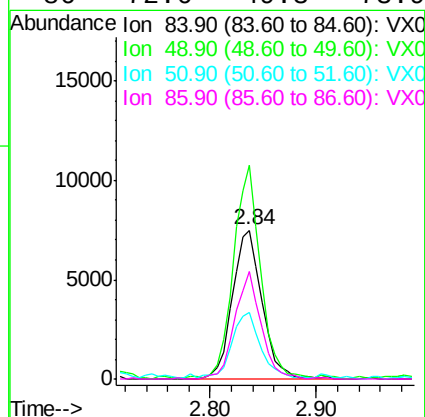
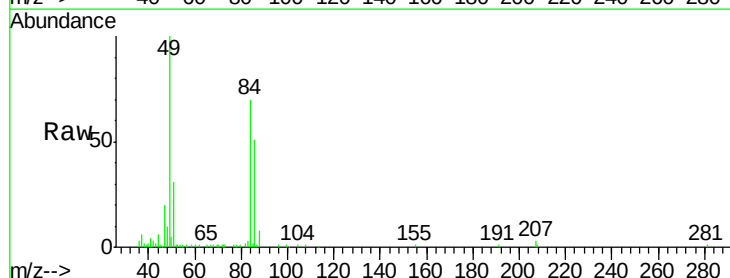
Ion Ratio Lower Upper

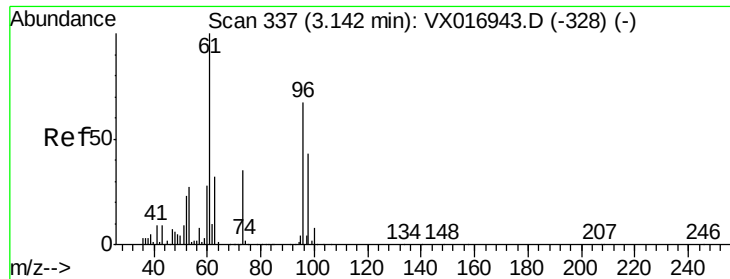
84 100

49 142.9 103.7 155.5

51 43.4 29.9 44.9

86 72.6 49.3 73.9





#21

trans-1,2-Dichloroethene

Concen: 6.510 ug/l

RT: 3.14 min Scan# 337

Delta R.T. -0.00 min

Lab File: VX016941.D

Acq: 24 Jun 2020 11:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

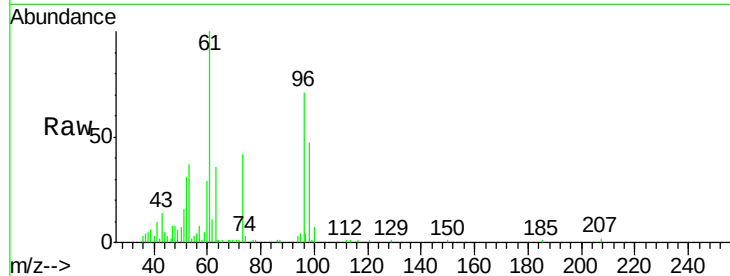
Tot Ion: 96 Resp: 13220

Ion Ratio Lower Upper

96 100

61 138.3 120.1 180.1

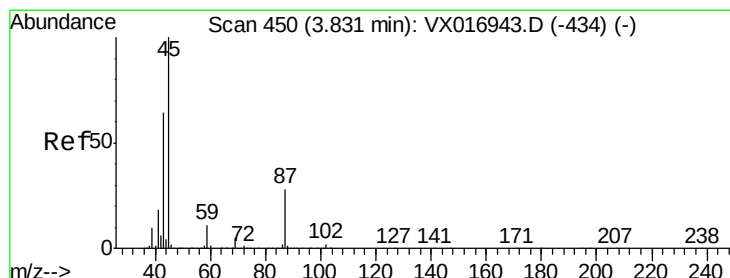
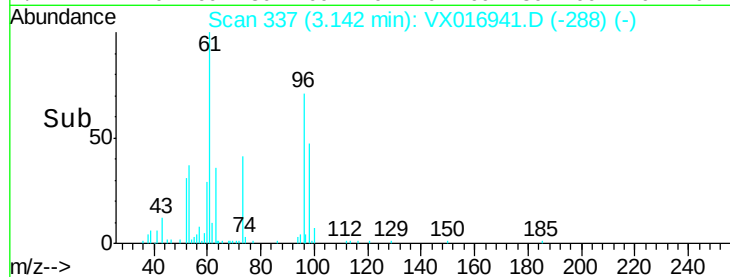
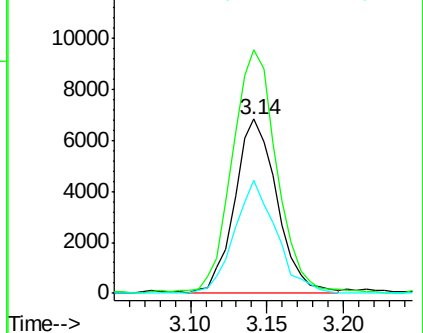
98 65.2 52.1 78.1



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: 7.482 ug/l

RT: 3.82 min Scan# 449

Delta R.T. -0.01 min

Lab File: VX016941.D

Acq: 24 Jun 2020 11:16

Tgt Ion: 45 Resp: 42969

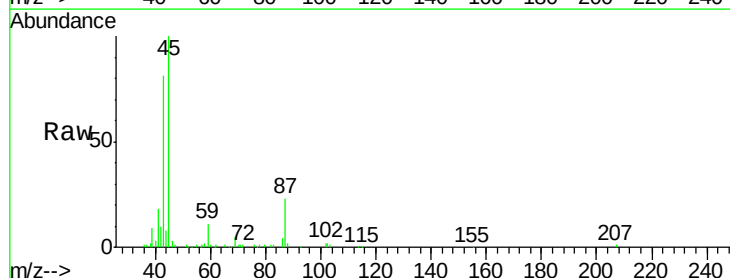
Ion Ratio Lower Upper

45 100

43 80.7 51.2 76.8#

87 23.5 22.2 33.4

59 11.0 9.0 13.6

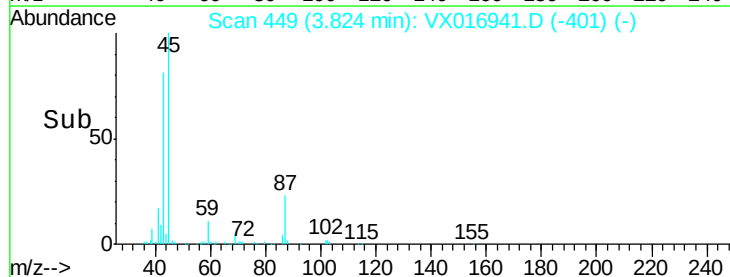
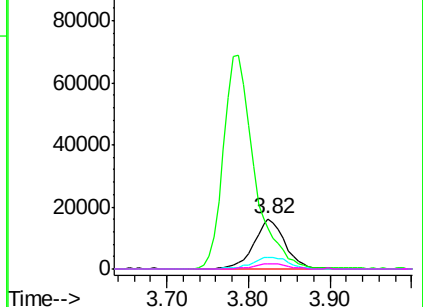


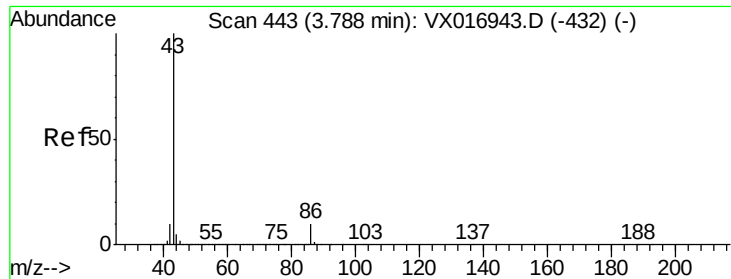
Abundance Ion 45.00 (44.70 to 45.70): VX0

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: 37.596 ug/l

RT: 3.79 min Scan# 443

Delta R.T. -0.00 min

Lab File: VX016941.D

Acq: 24 Jun 2020 11:16

Instrument :

MSVOA_X

ClientSampleId :

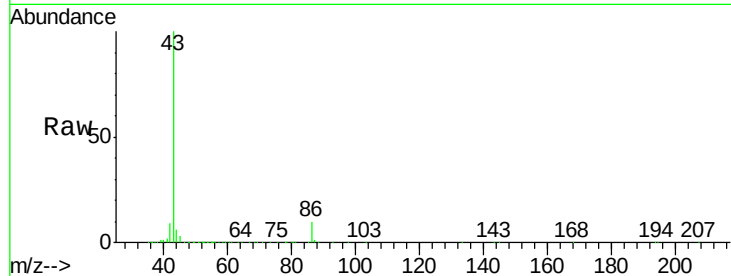
VSTDIC005

Tot Ion: 43 Resp: 180462

Ion Ratio Lower Upper

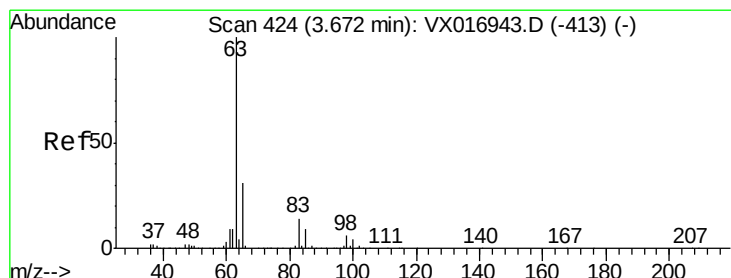
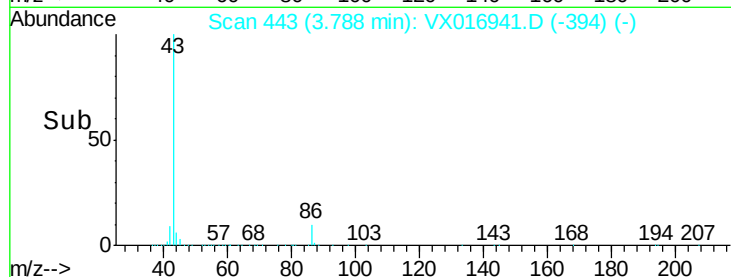
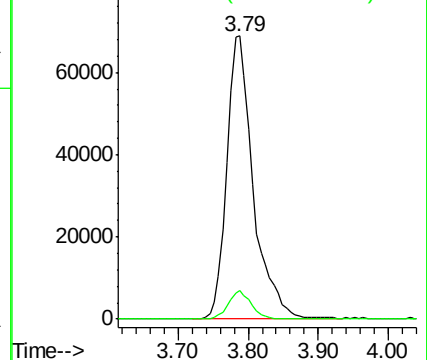
43 100

86 10.1 8.0 12.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 6.941 ug/l

RT: 3.67 min Scan# 424

Delta R.T. -0.00 min

Lab File: VX016941.D

Acq: 24 Jun 2020 11:16

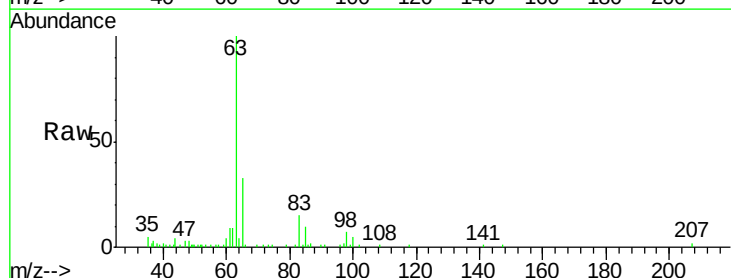
Tgt Ion: 63 Resp: 24081

Ion Ratio Lower Upper

63 100

98 6.6 3.2 9.6

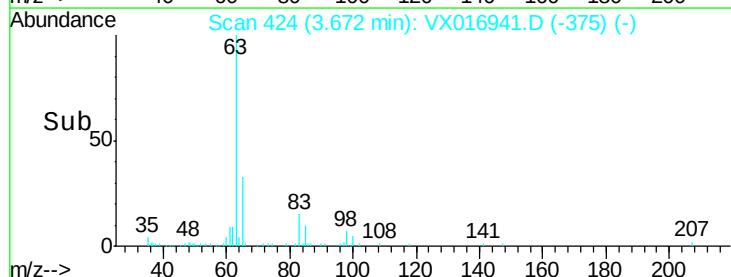
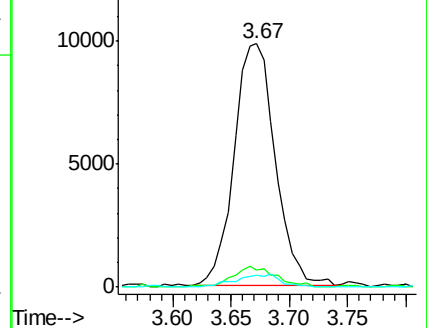
100 4.8 2.1 6.5

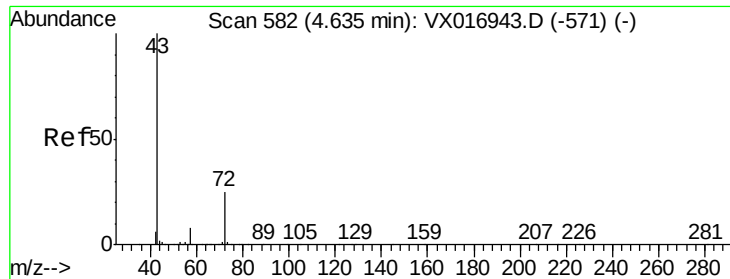


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 35.108 ug/l

RT: 4.64 min Scan# 583

Delta R.T. 0.01 min

Lab File: VX016941.D

Acq: 24 Jun 2020 11:16

Instrument :

MSVOA_X

ClientSampleId :

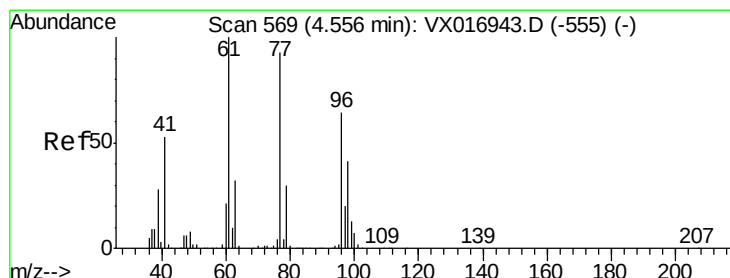
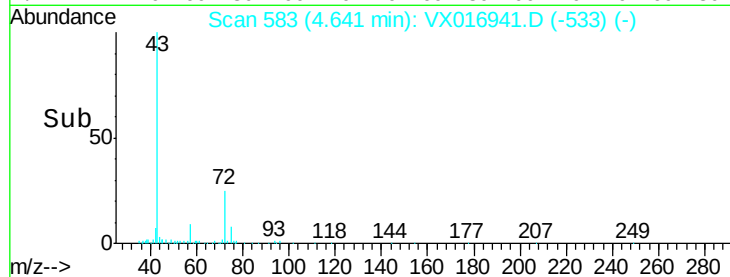
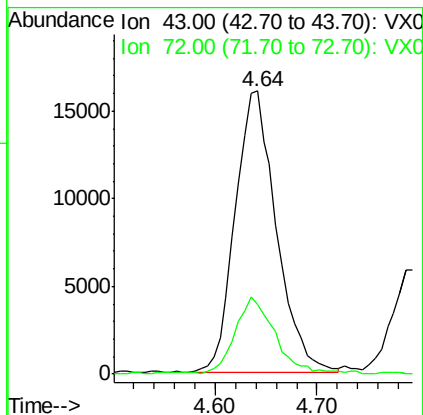
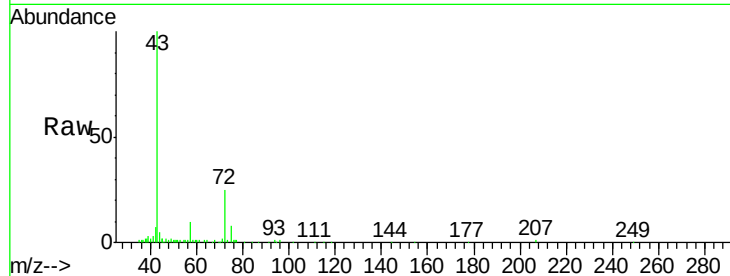
VSTDIC005

Tot Ion: 43 Resp: 44773

Ion Ratio Lower Upper

43 100

72 24.3 20.6 30.8



#26

2,2-Dichloropropane

Concen: 6.397 ug/l

RT: 4.55 min Scan# 568

Delta R.T. -0.01 min

Lab File: VX016941.D

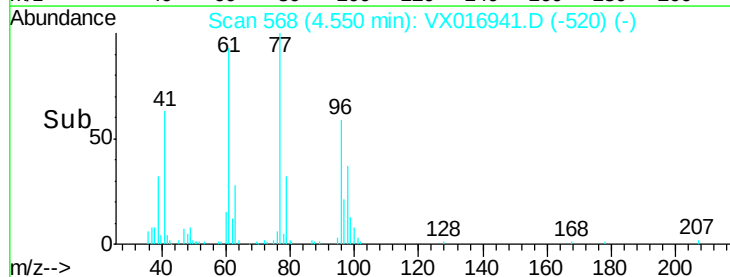
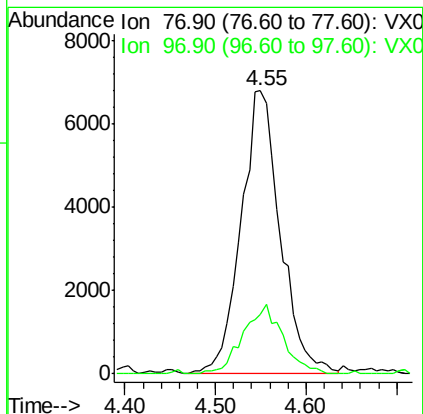
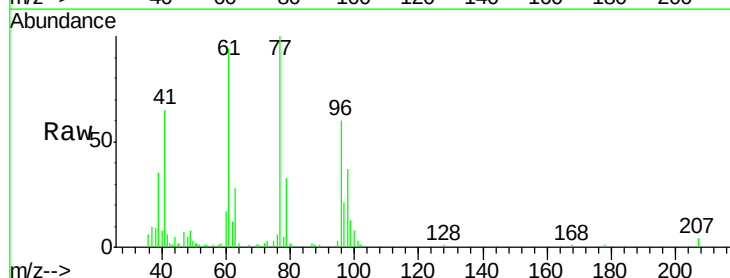
Acq: 24 Jun 2020 11:16

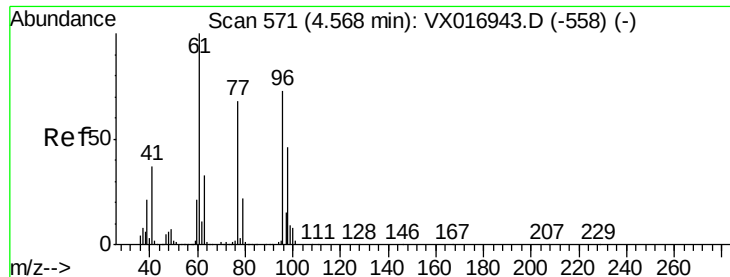
Tgt Ion: 77 Resp: 20503

Ion Ratio Lower Upper

77 100

97 24.5 10.7 32.1



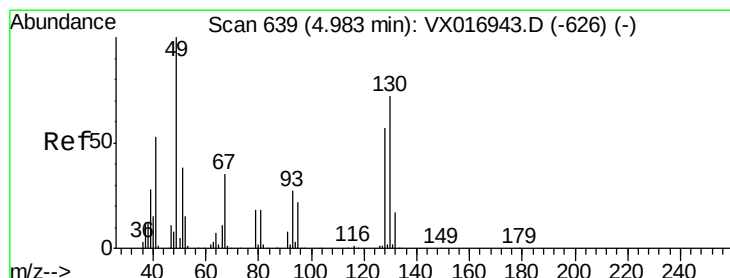
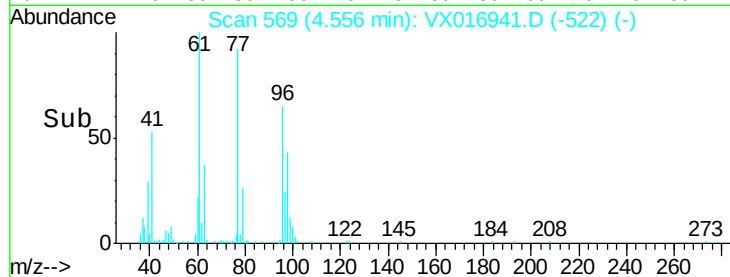
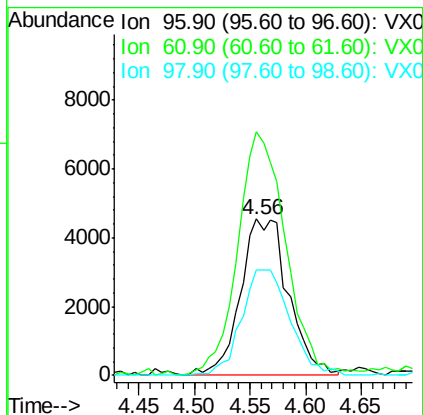
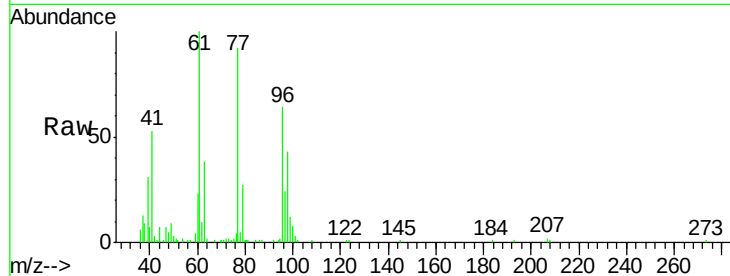


#27

cis-1,2-Dichloroethene
 Concen: 5.976 ug/l
 RT: 4.56 min Scan# 569
 Delta R.T. -0.01 min
 Lab File: VX016941.D
 Acq: 24 Jun 2020 11:16

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

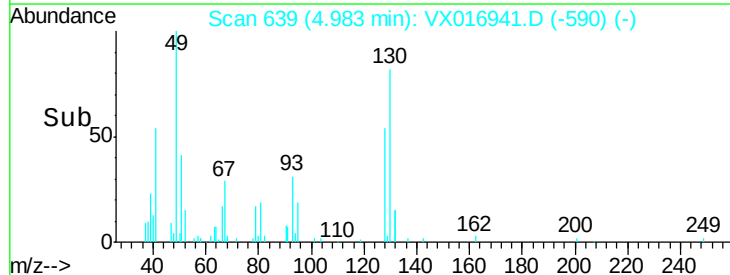
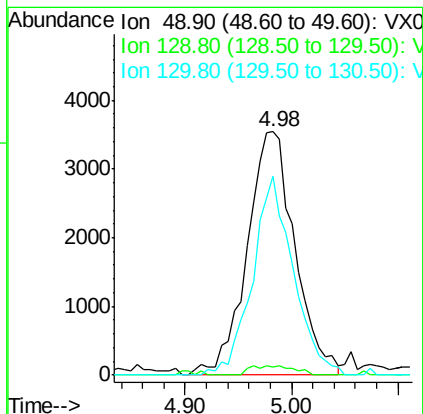
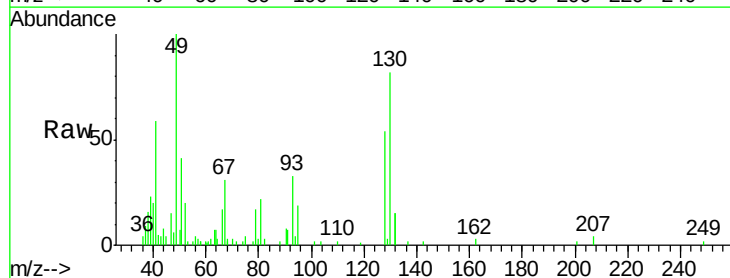
Tot Ion: 96 Resp: 13654
 Ion Ratio Lower Upper
 96 100
 61 155.6 0.0 302.2
 98 68.0 0.0 128.0

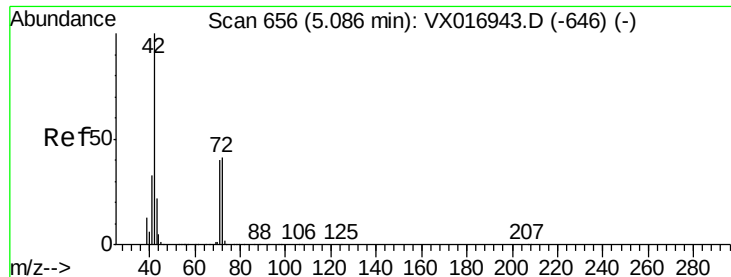


#28

Bromochloromethane
 Concen: 7.642 ug/l
 RT: 4.98 min Scan# 639
 Delta R.T. -0.00 min
 Lab File: VX016941.D
 Acq: 24 Jun 2020 11:16

Tgt Ion: 49 Resp: 11146
 Ion Ratio Lower Upper
 49 100
 129 1.1 0.0 4.0
 130 69.6 59.1 88.7





#29

Tetrahydrofuran

Concen: 35.948 ug/l

RT: 5.09 min Scan# 657

Delta R.T. 0.01 min

Lab File: VX016941.D

Acq: 24 Jun 2020 11:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

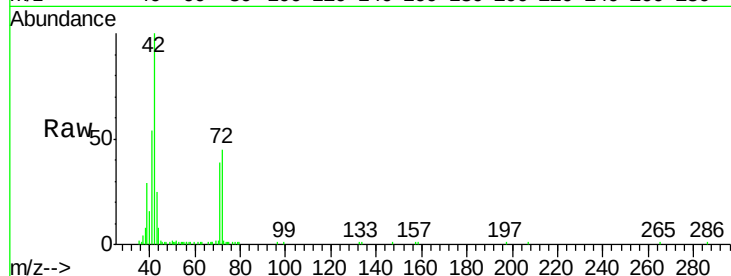
Tot Ion: 42 Resp: 29188

Ion Ratio Lower Upper

42 100

72 46.6 34.5 51.7

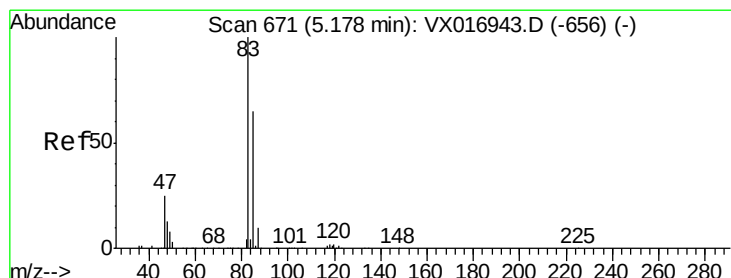
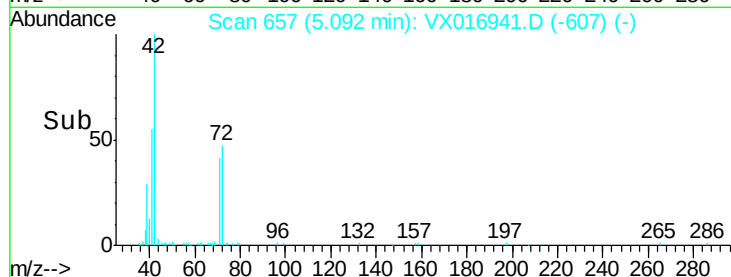
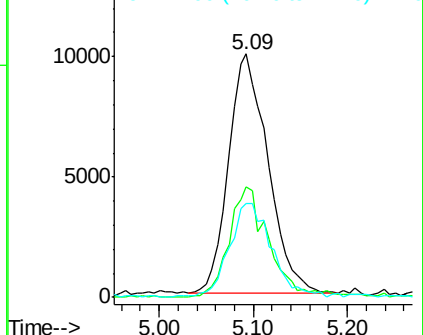
71 42.1 32.1 48.1



Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0



#30

Chloroform

Concen: 6.877 ug/l

RT: 5.18 min Scan# 671

Delta R.T. -0.00 min

Lab File: VX016941.D

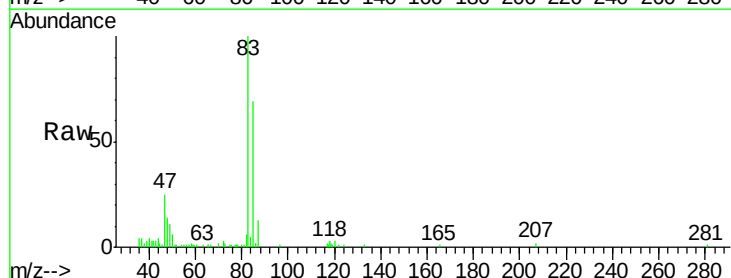
Acq: 24 Jun 2020 11:16

Tgt Ion: 83 Resp: 25068

Ion Ratio Lower Upper

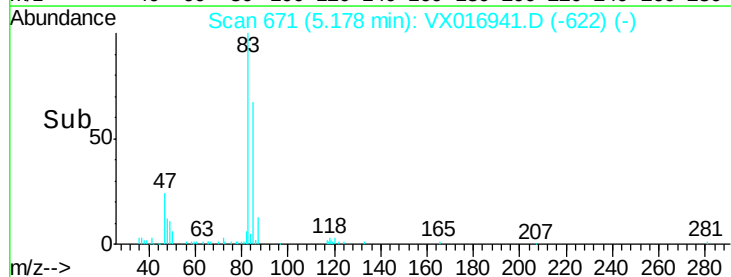
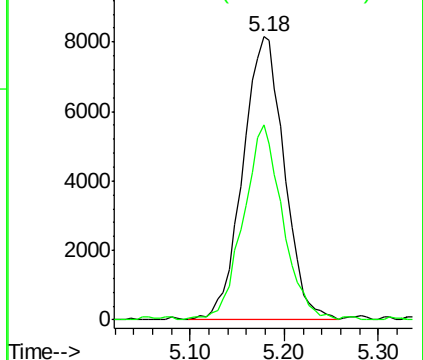
83 100

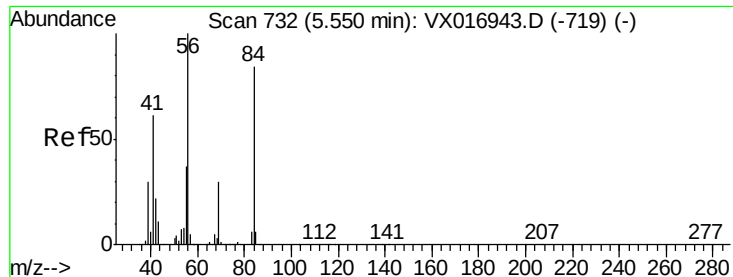
85 68.8 51.8 77.6



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

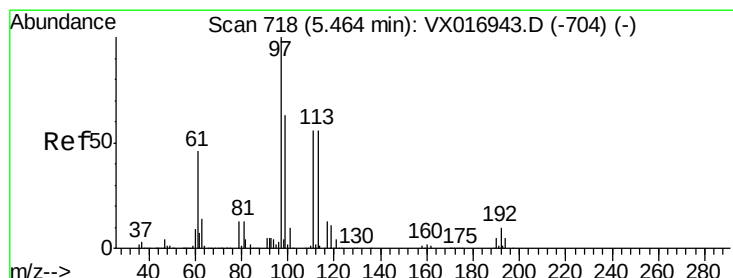
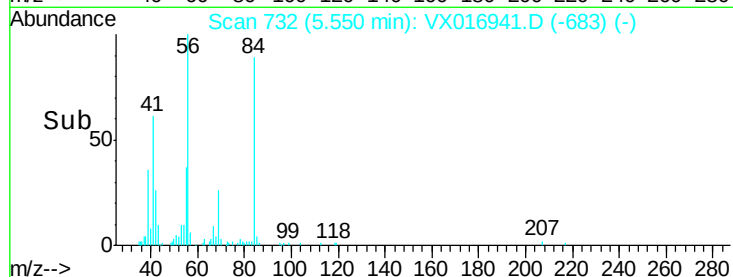
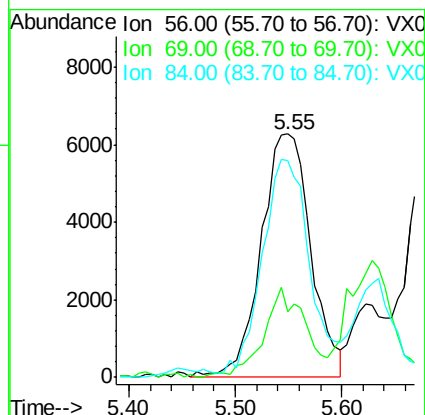
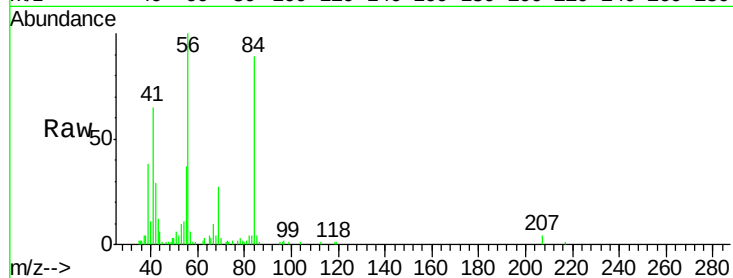




#31
Cyclohexane
Concen: 6.613 ug/l
RT: 5.55 min Scan# 732
Delta R.T. -0.00 min
Lab File: VX016941.D
Acq: 24 Jun 2020 11:16

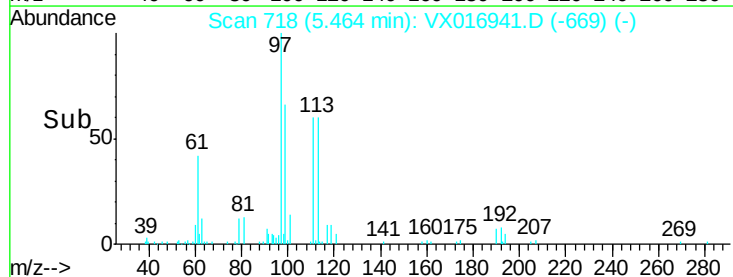
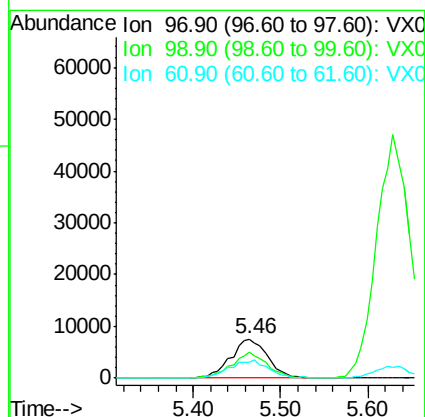
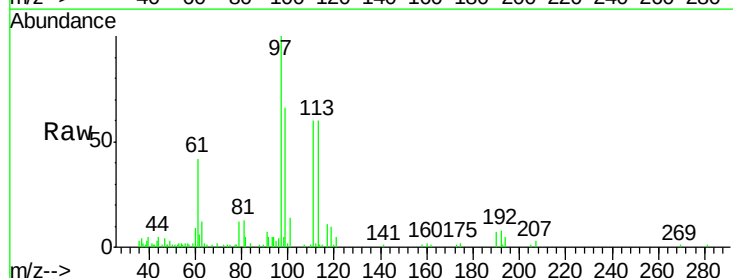
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

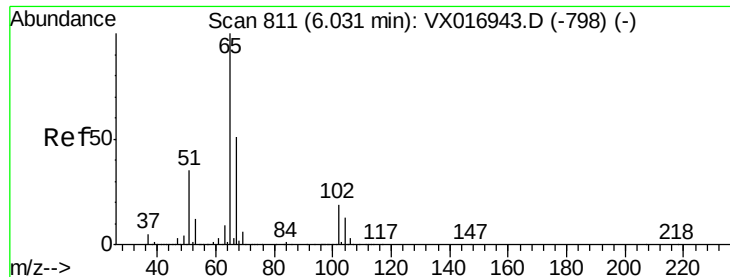
Tot Ion: 56 Resp: 20338
Ion Ratio Lower Upper
56 100
69 26.0 24.1 36.1
84 86.3 67.4 101.2



#32
1,1,1-Trichloroethane
Concen: 6.531 ug/l
RT: 5.46 min Scan# 718
Delta R.T. -0.00 min
Lab File: VX016941.D
Acq: 24 Jun 2020 11:16

Tgt Ion: 97 Resp: 22378
Ion Ratio Lower Upper
97 100
99 62.1 50.8 76.2
61 48.7 36.2 54.2

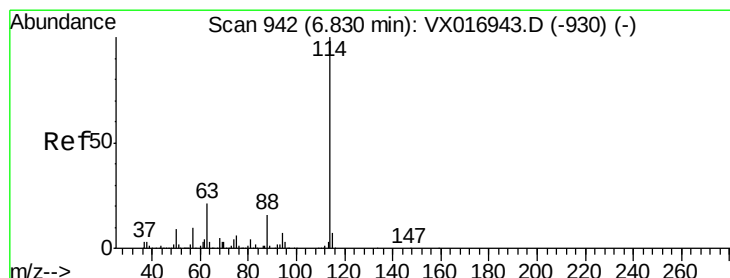
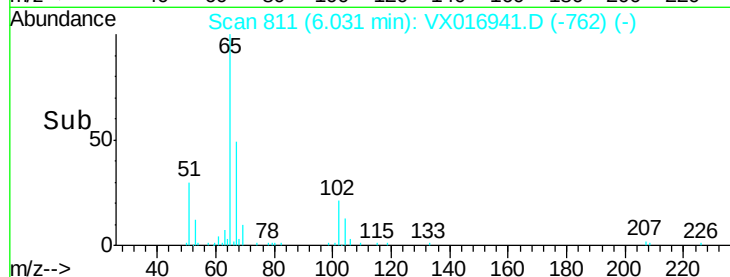
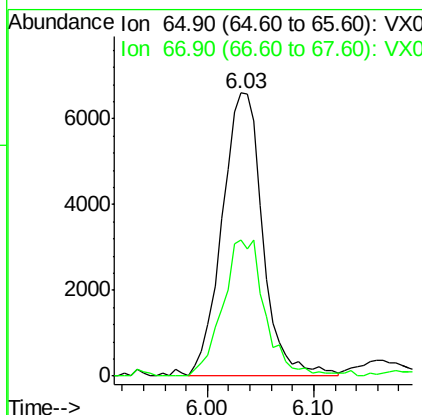
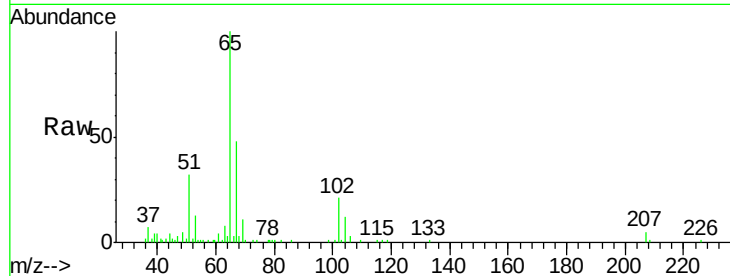




#33
 1,2-Dichloroethane-d4
 Concen: 7.085 ug/l
 RT: 6.03 min Scan# 811
 Delta R.T. -0.00 min
 Lab File: VX016941.D
 Acq: 24 Jun 2020 11:16

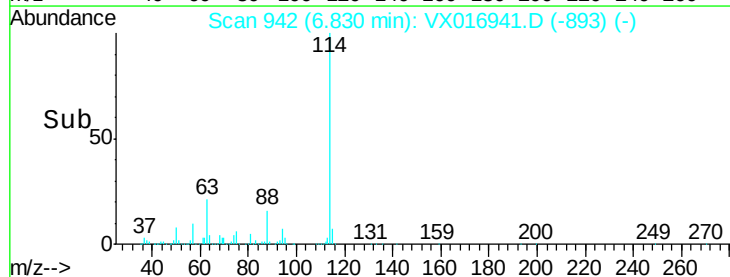
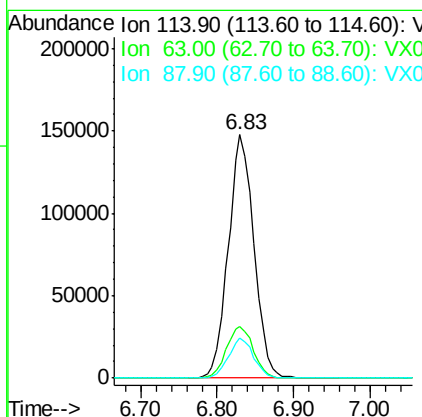
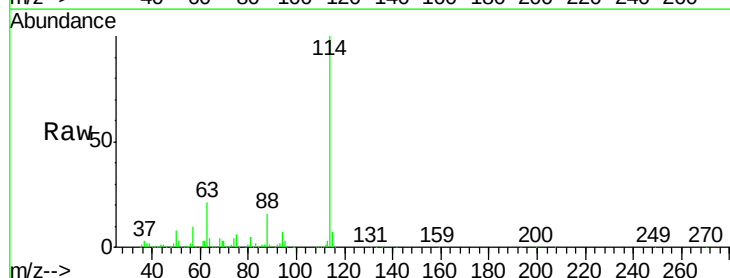
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

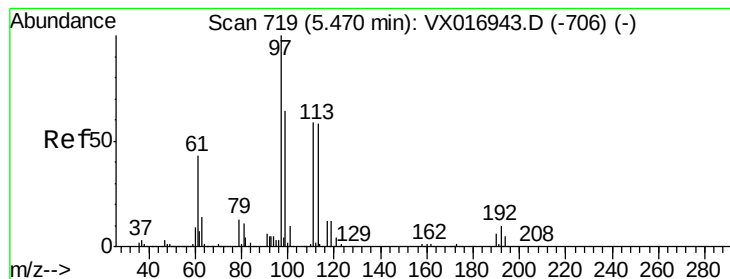
Tot Ion: 65 Resp: 17643
 Ion Ratio Lower Upper
 65 100
 67 49.7 0.0 102.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.83 min Scan# 942
 Delta R.T. -0.00 min
 Lab File: VX016941.D
 Acq: 24 Jun 2020 11:16

Tgt Ion: 114 Resp: 342313
 Ion Ratio Lower Upper
 114 100
 63 21.0 0.0 42.6
 88 16.4 0.0 32.2





#35

Dibromofluoromethane

Concen: 5.816 ug/l

RT: 5.46 min Scan# 718

Delta R.T. -0.01 min

Lab File: VX016941.D

Acq: 24 Jun 2020 11:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

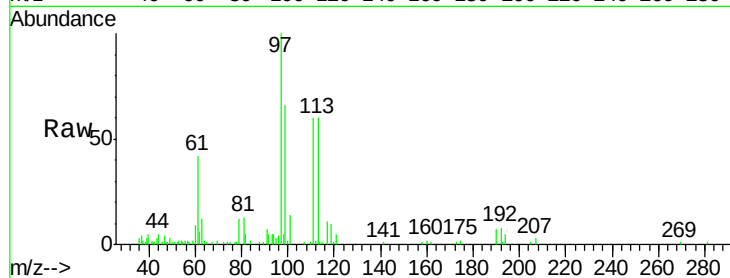
Tot Ion:113 Resp: 12815

Ion Ratio Lower Upper

113 100

111 104.0 83.0 124.4

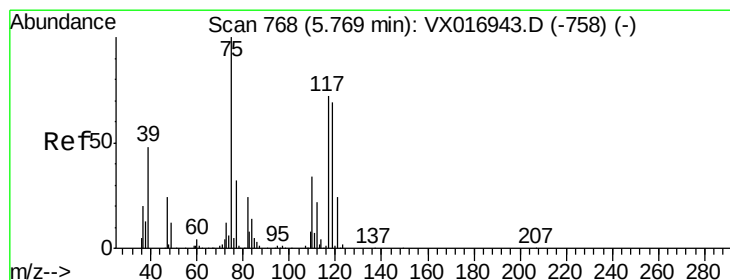
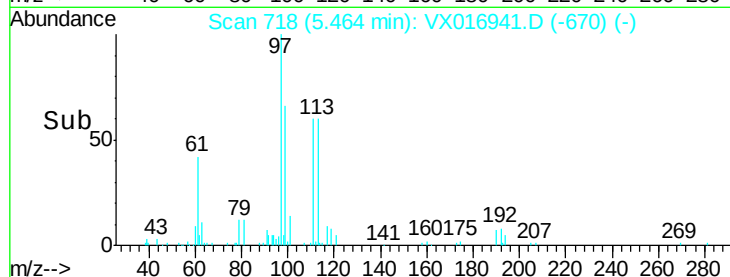
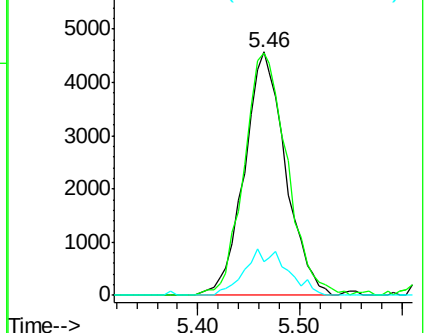
192 19.6 14.5 21.7



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 5.285 ug/l

RT: 5.77 min Scan# 768

Delta R.T. -0.00 min

Lab File: VX016941.D

Acq: 24 Jun 2020 11:16

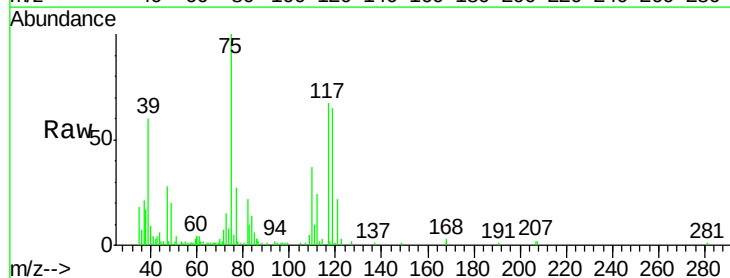
Tgt Ion: 75 Resp: 17008

Ion Ratio Lower Upper

75 100

110 35.8 16.9 50.7

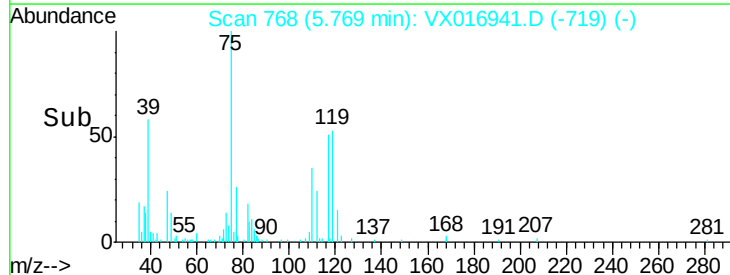
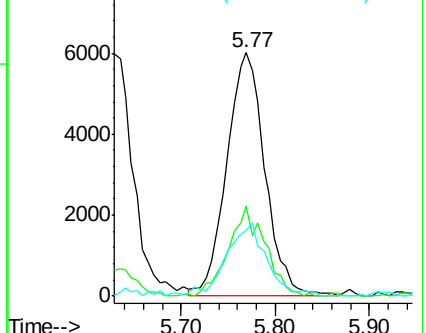
77 31.9 25.0 37.4

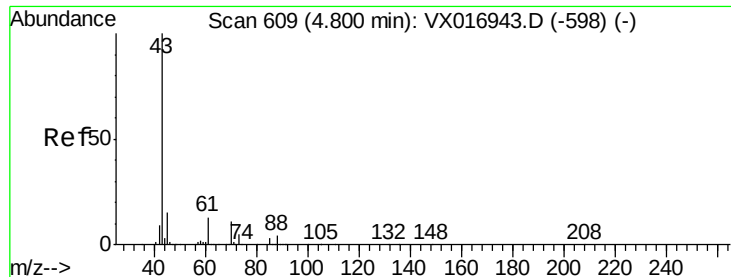


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

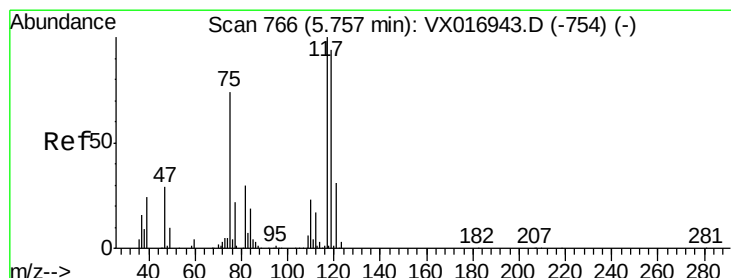
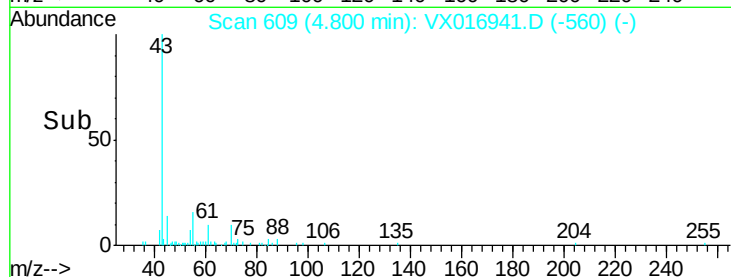
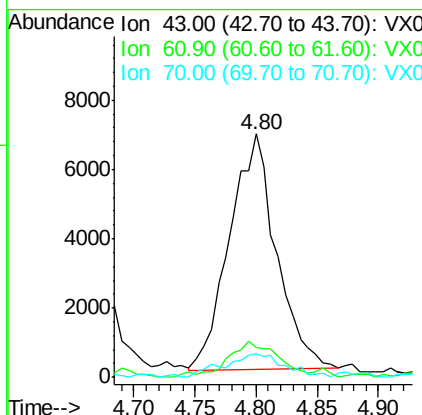
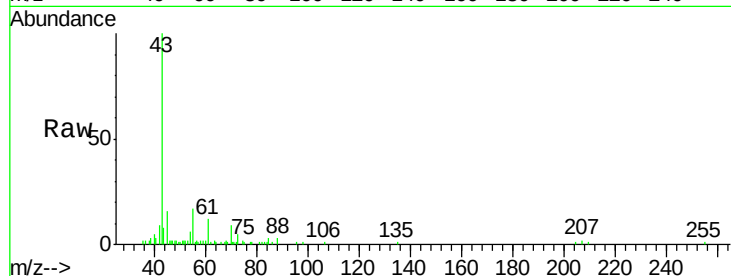




#37
Ethyl Acetate
Concen: 6.141 ug/l
RT: 4.80 min Scan# 609
Delta R.T. -0.00 min
Lab File: VX016941.D
Acq: 24 Jun 2020 11:16

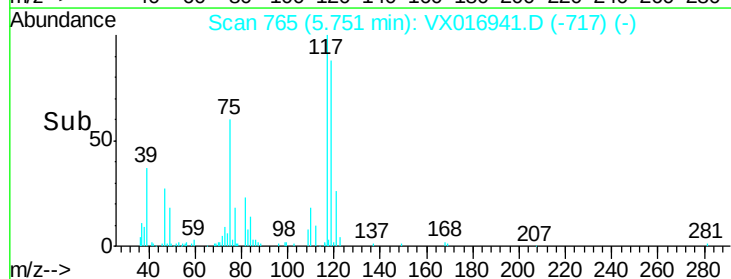
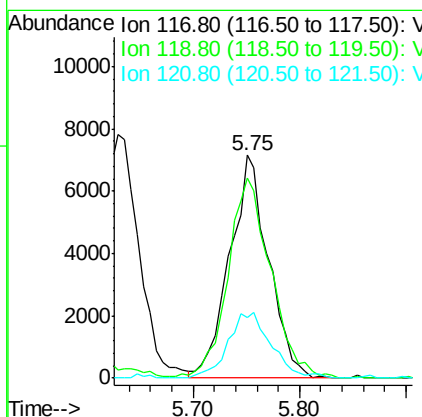
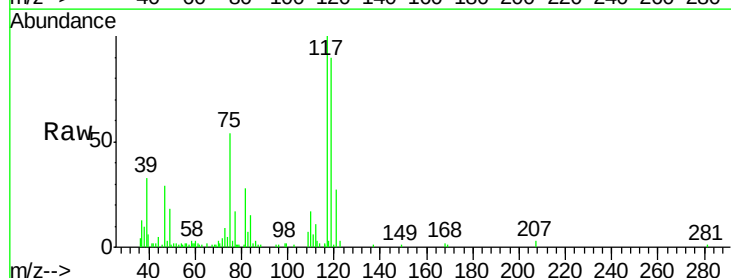
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

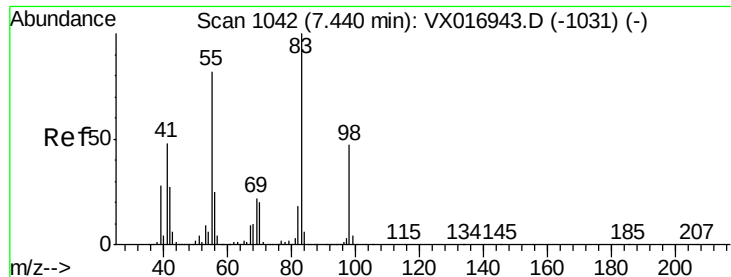
Tot Ion: 43 Resp: 18082
Ion Ratio Lower Upper
43 100
61 16.4 11.0 16.6
70 12.7 8.7 13.1



#38
Carbon Tetrachloride
Concen: 5.132 ug/l
RT: 5.75 min Scan# 765
Delta R.T. -0.01 min
Lab File: VX016941.D
Acq: 24 Jun 2020 11:16

Tgt Ion: 117 Resp: 18323
Ion Ratio Lower Upper
117 100
119 89.7 74.7 112.1
121 27.3 25.0 37.6

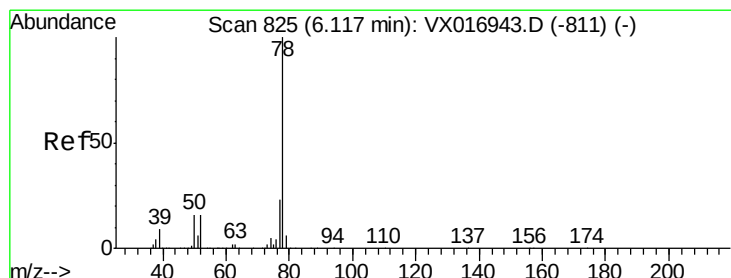
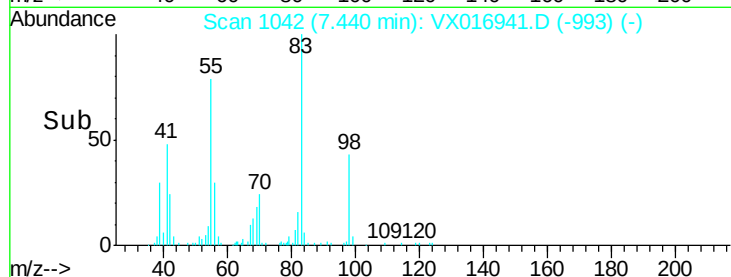
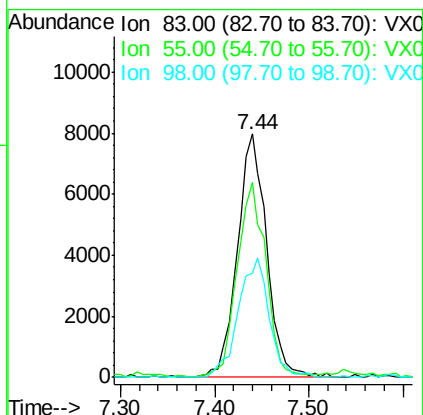
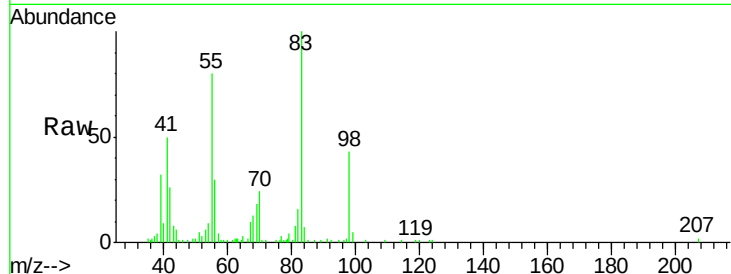




#39
Methylvlcyclohexane
Concen: 4.723 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. -0.00 min
Lab File: VX016941.D
Acq: 24 Jun 2020 11:16

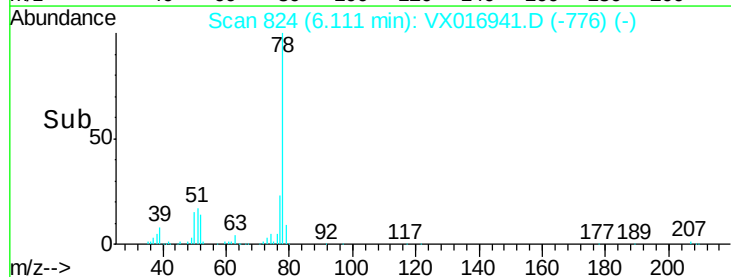
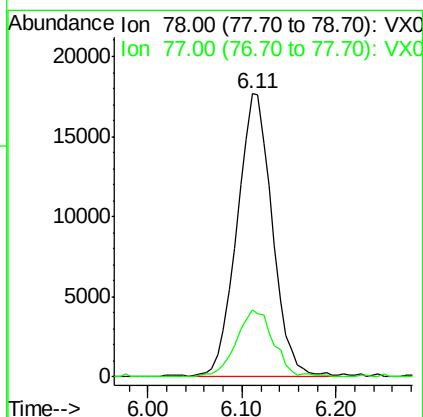
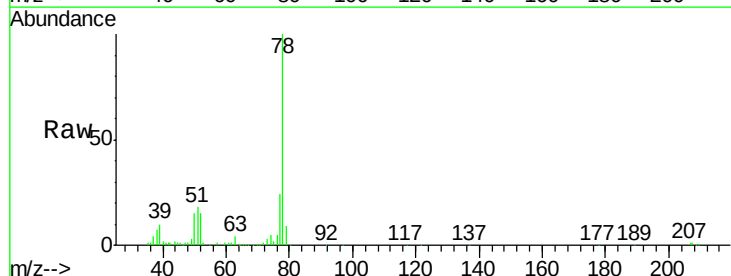
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

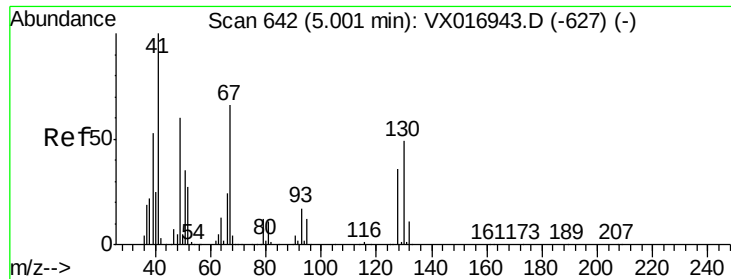
Tot Ion: 83 Resp: 17307
Ion Ratio Lower Upper
83 100
55 79.9 65.5 98.3
98 42.8 37.8 56.8



#40
Benzene
Concen: 4.843 ug/l
RT: 6.11 min Scan# 824
Delta R.T. -0.01 min
Lab File: VX016941.D
Acq: 24 Jun 2020 11:16

Tgt Ion: 78 Resp: 46487
Ion Ratio Lower Upper
78 100
77 23.4 18.2 27.2

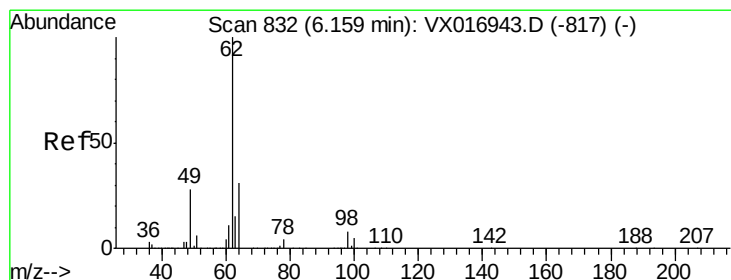
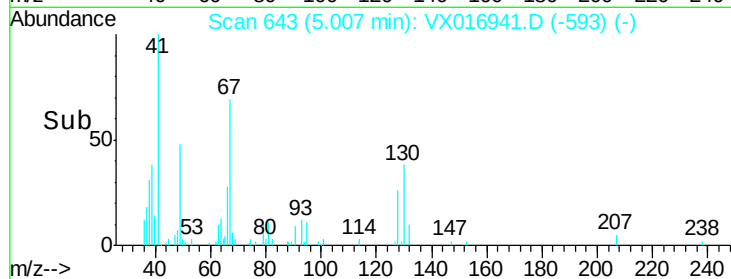
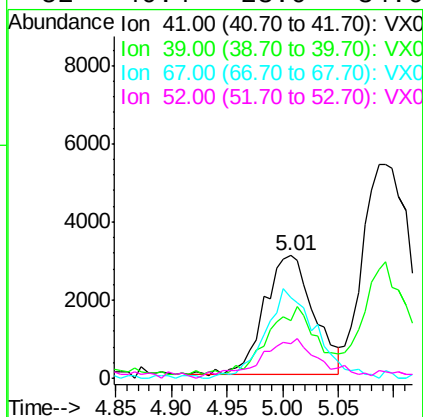
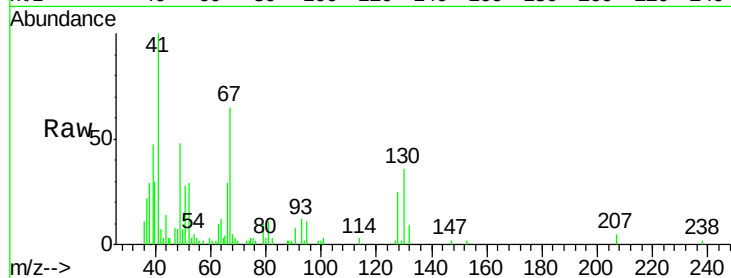




#41
Methacrylonitrile
Concen: 5.834 ug/l
RT: 5.01 min Scan# 643
Delta R.T. 0.01 min
Lab File: VX016941.D
Acq: 24 Jun 2020 11:16

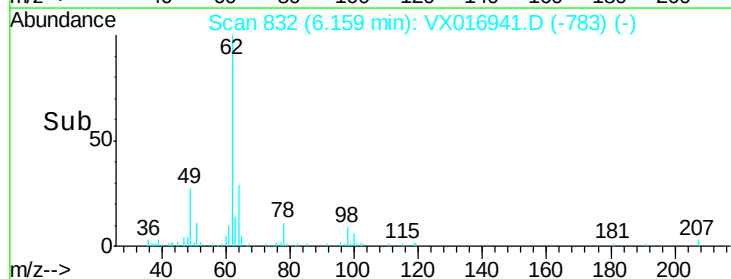
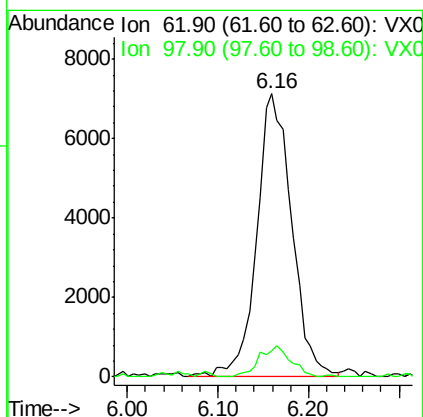
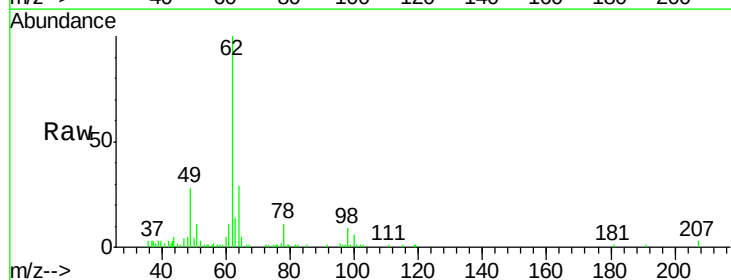
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

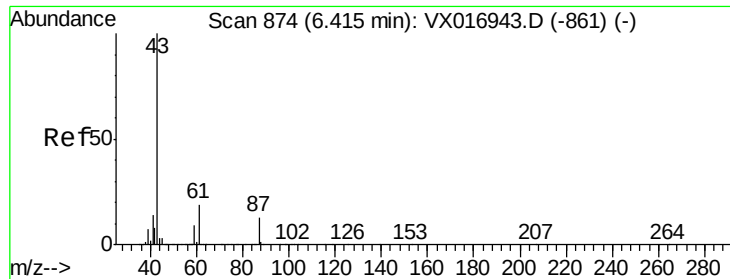
Tot Ion:	41	Resp:	9356
Ion	Ratio	Lower	Upper
41	100		
39	58.5	43.4	65.0
67	76.4	55.6	83.4
52	40.4	23.0	34.6#



#42
1,2-Dichloroethane
Concen: 5.491 ug/l
RT: 6.16 min Scan# 832
Delta R.T. -0.00 min
Lab File: VX016941.D
Acq: 24 Jun 2020 11:16

Tgt Ion:	62	Resp:	19079
Ion	Ratio	Lower	Upper
62	100		
98	9.8	0.0	17.0





#43

Isopropyl Acetate

Concen: 5.873 ug/l

RT: 6.41 min Scan# 873

Delta R.T. -0.01 min

Lab File: VX016941.D

Acq: 24 Jun 2020 11:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

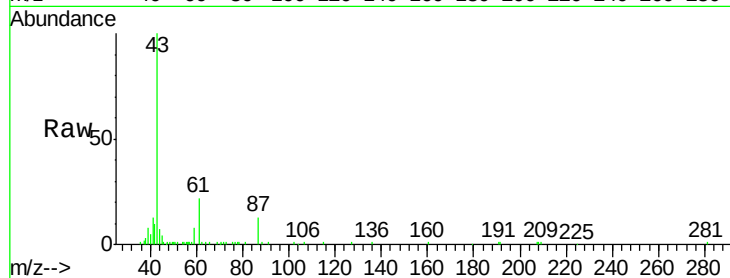
Tot Ion: 43 Resp: 29735

Ion Ratio Lower Upper

43 100

61 21.5 15.1 22.7

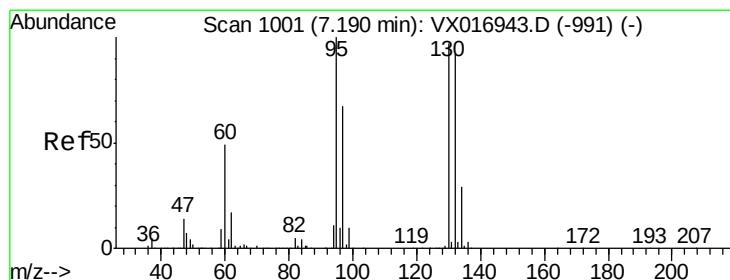
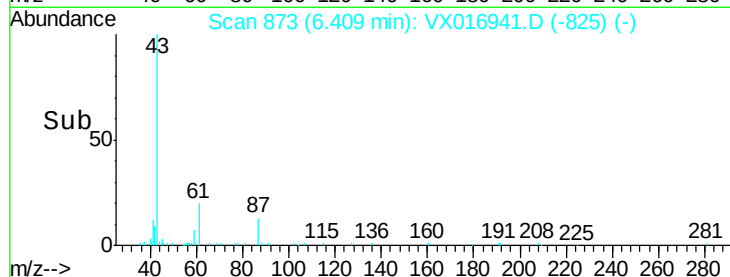
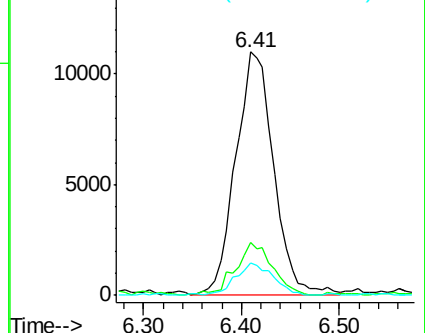
87 13.0 10.2 15.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#44

Trichloroethene

Concen: 5.014 ug/l

RT: 7.18 min Scan# 1000

Delta R.T. -0.01 min

Lab File: VX016941.D

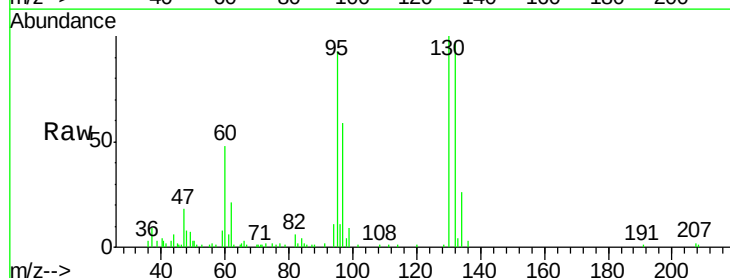
Acq: 24 Jun 2020 11:16

Tgt Ion:130 Resp: 13957

Ion Ratio Lower Upper

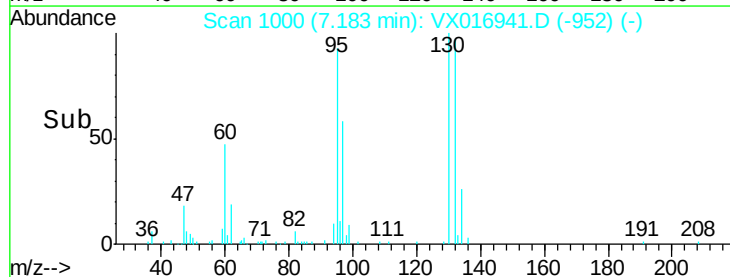
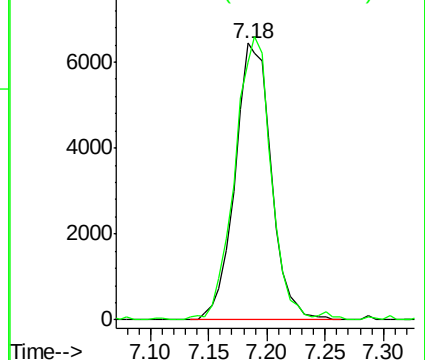
130 100

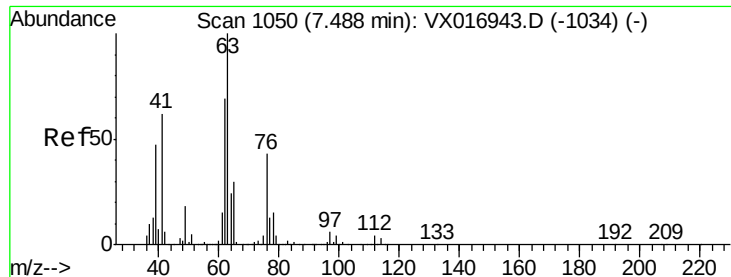
95 92.3 0.0 206.2



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

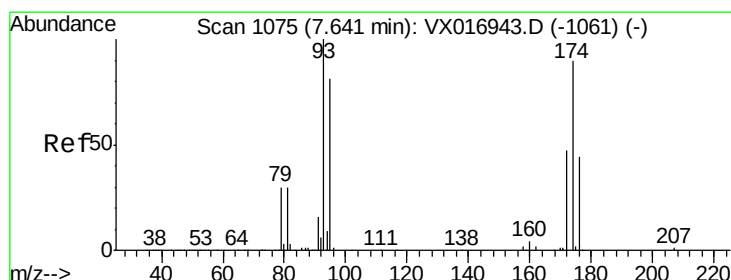
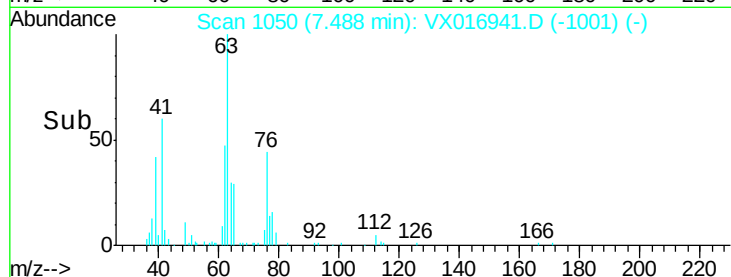
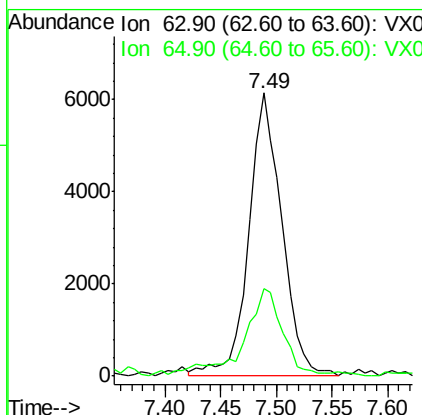
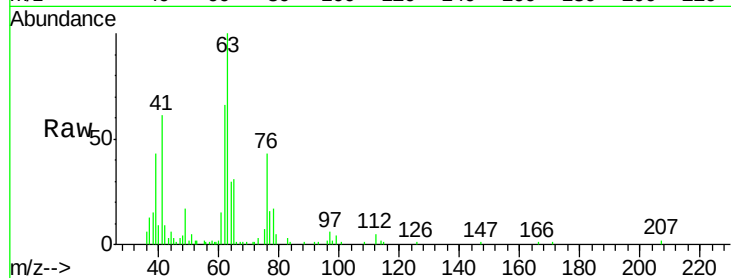




#45
 1,2-Dichloropropane
 Concen: 5.258 ug/l
 RT: 7.49 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VX016941.D
 Acq: 24 Jun 2020 11:16

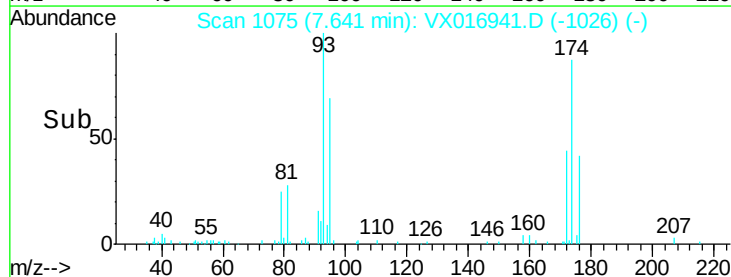
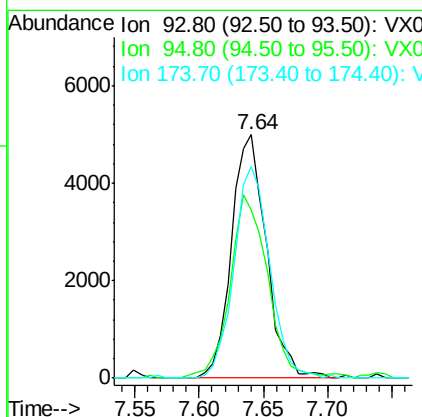
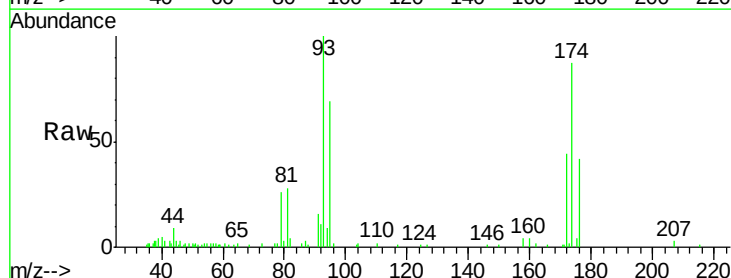
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

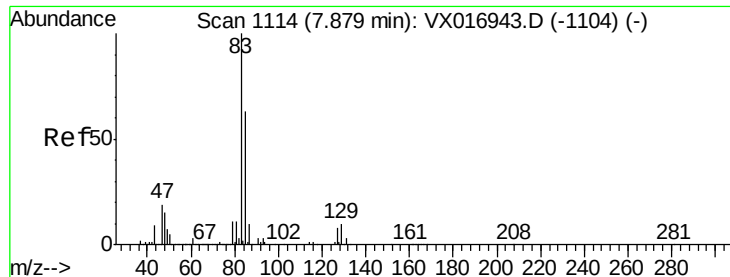
Tot Ion: 63 Resp: 12783
 Ion Ratio Lower Upper
 63 100
 65 29.7 24.3 36.5



#46
 Dibromomethane
 Concen: 5.703 ug/l
 RT: 7.64 min Scan# 1075
 Delta R.T. -0.00 min
 Lab File: VX016941.D
 Acq: 24 Jun 2020 11:16

Tgt Ion: 93 Resp: 9389
 Ion Ratio Lower Upper
 93 100
 95 80.6 66.2 99.4
 174 89.1 71.9 107.9





#47

Bromodichloromethane

Concen: 5.154 ug/l

RT: 7.88 min Scan# 1114

Delta R.T. -0.00 min

Lab File: VX016941.D

Acq: 24 Jun 2020 11:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

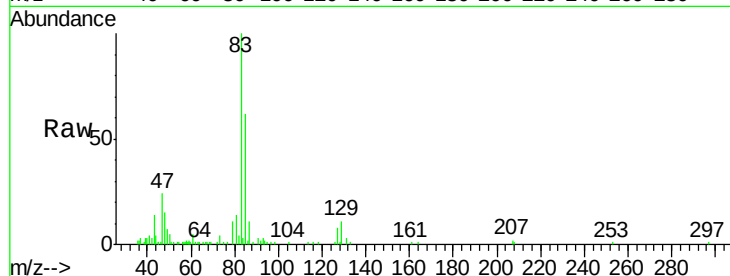
Tot Ion: 83 Resp: 18088

Ion Ratio Lower Upper

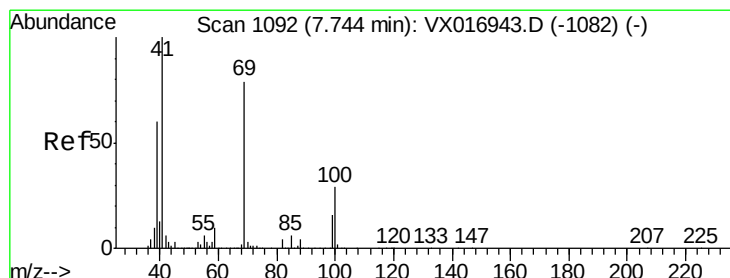
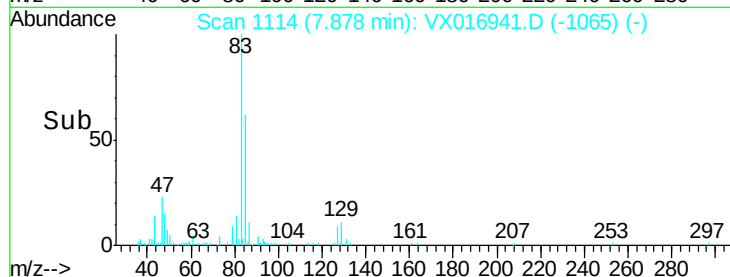
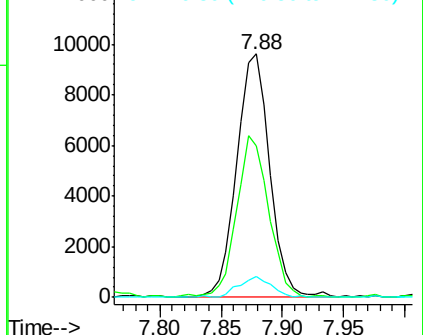
83 100

85 62.2 50.4 75.6

127 8.5 6.3 9.5



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: 5.632 ug/l

RT: 7.74 min Scan# 1092

Delta R.T. -0.00 min

Lab File: VX016941.D

Acq: 24 Jun 2020 11:16

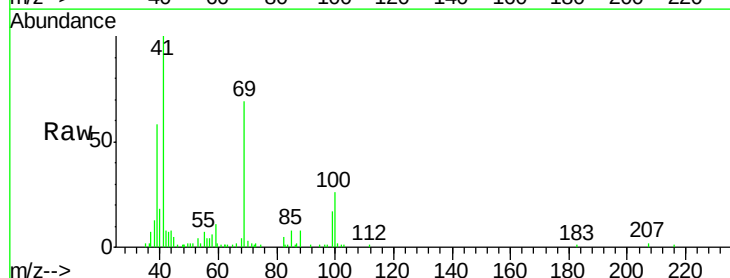
Tgt Ion: 41 Resp: 13633

Ion Ratio Lower Upper

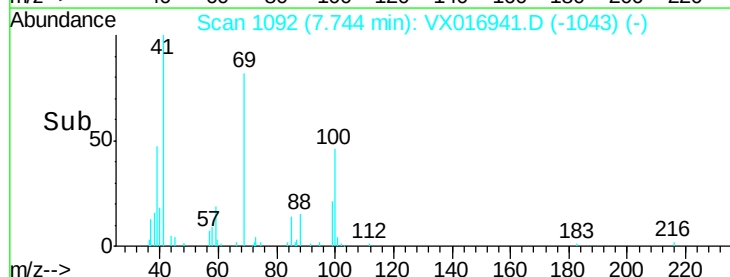
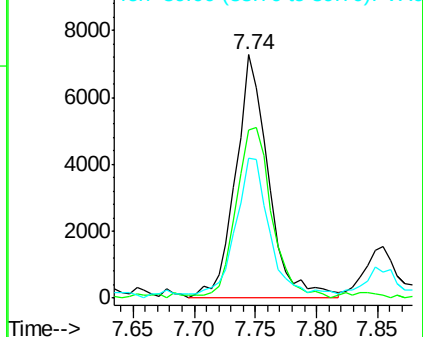
41 100

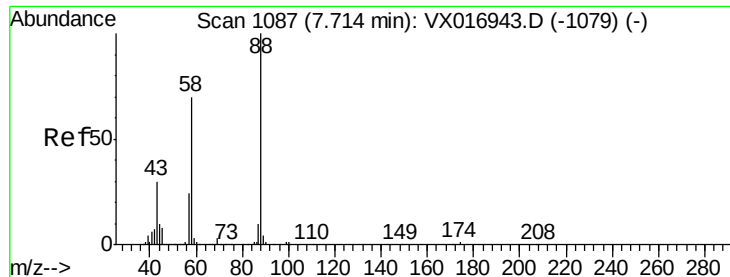
69 75.6 62.3 93.5

39 57.3 48.4 72.6



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: 112.417 ug/l

RT: 7.72 min Scan# 1088

Delta R.T. 0.01 min

Lab File: VX016941.D

Acq: 24 Jun 2020 11:16

Instrument :

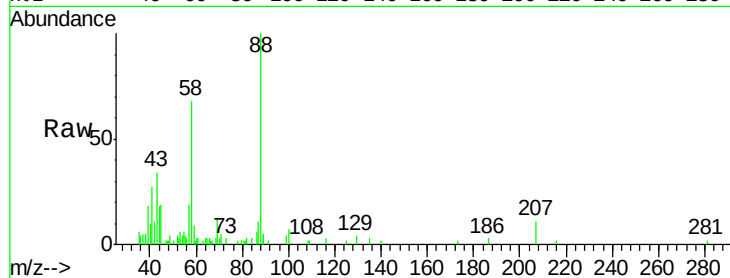
MSVOA_X

ClientSampleId :

VSTDIC005

Tot Ion: 88 Resp: 5939

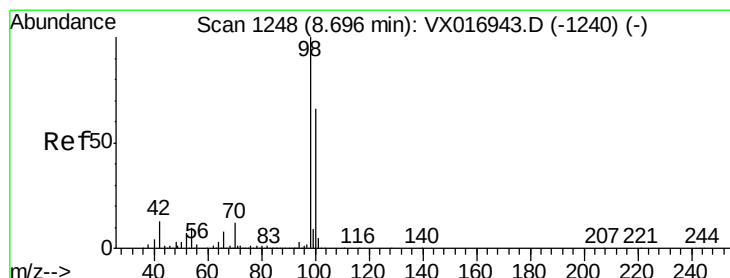
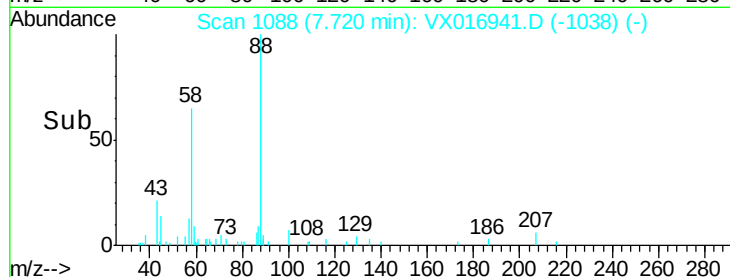
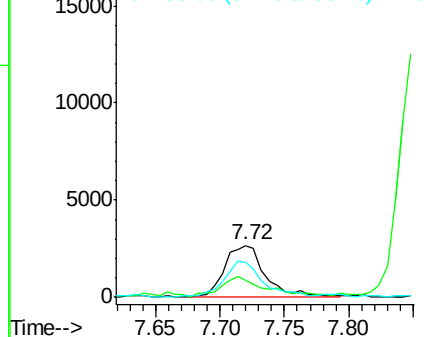
Ion	Ratio	Lower	Upper
88	100		
43	46.7	28.8	43.2#
58	67.2	58.4	87.6



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: 5.104 ug/l

RT: 8.70 min Scan# 1248

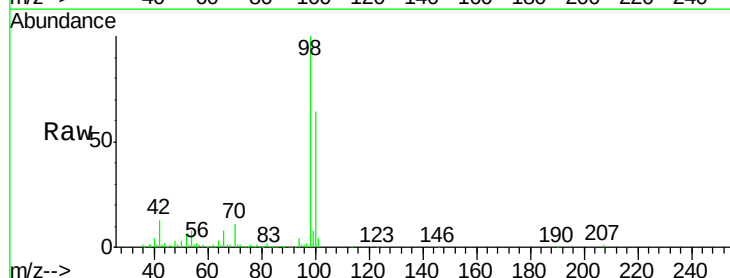
Delta R.T. -0.00 min

Lab File: VX016941.D

Acq: 24 Jun 2020 11:16

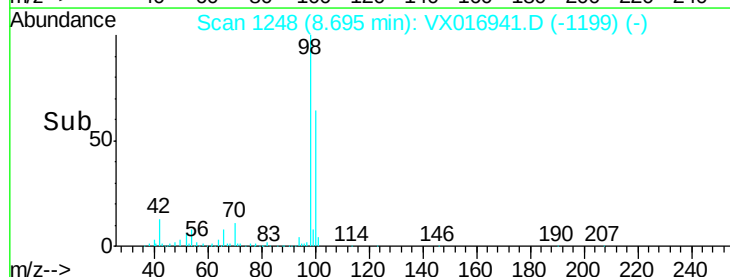
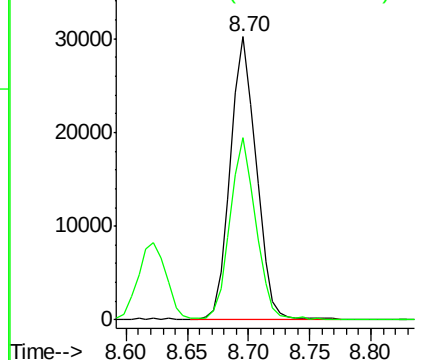
Tgt Ion: 98 Resp: 44499

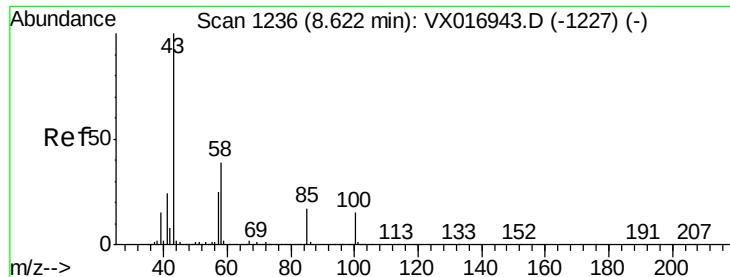
Ion	Ratio	Lower	Upper
98	100		
100	64.2	53.1	79.7



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0

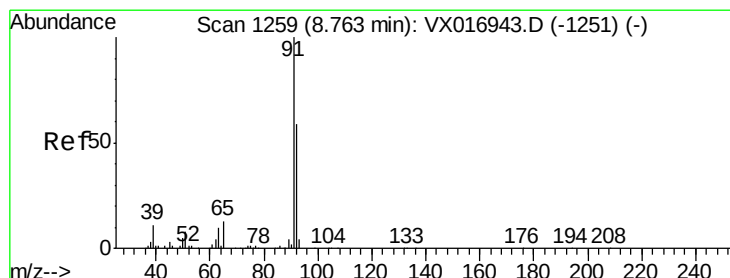
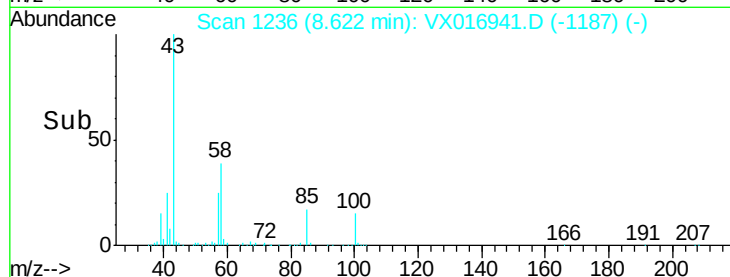
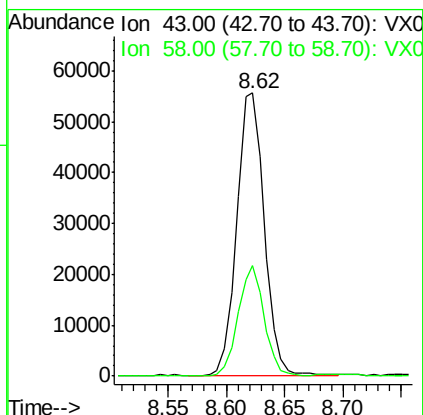
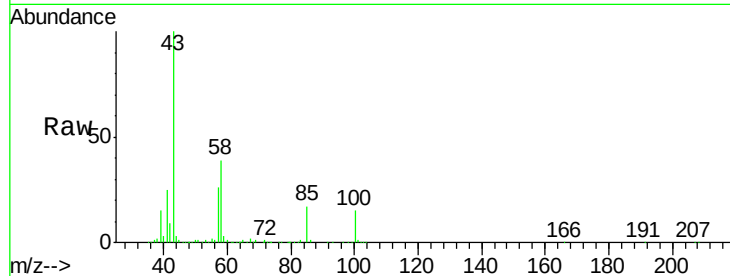




#51
 4-Methyl-2-Pentanone
 Concen: 29.868 ug/l
 RT: 8.62 min Scan# 1236
 Delta R.T. -0.00 min
 Lab File: VX016941.D
 Acq: 24 Jun 2020 11:16

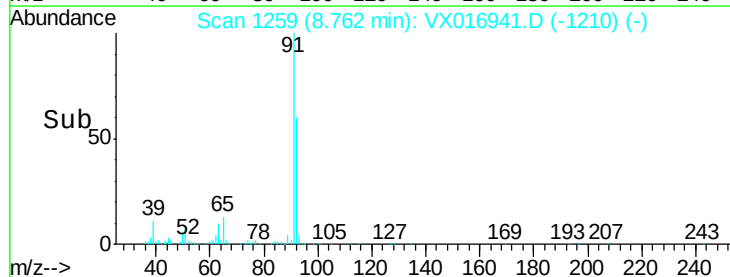
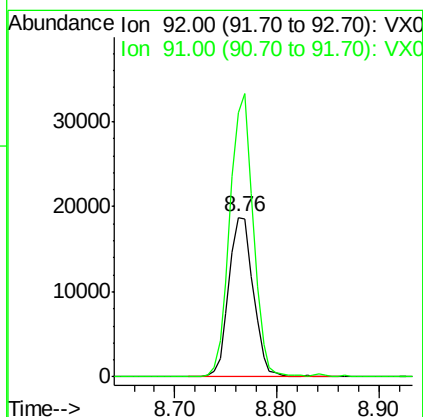
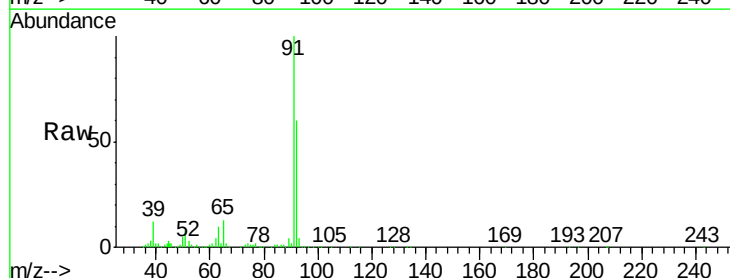
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

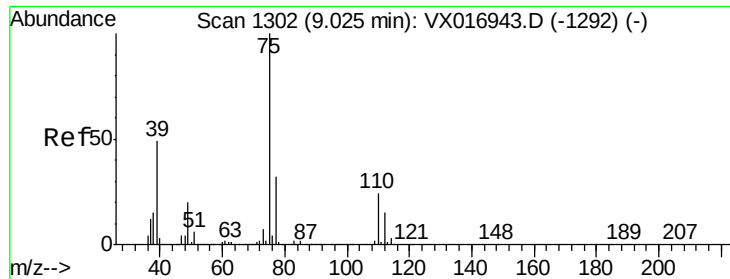
Tot Ion: 43 Resp: 91588
 Ion Ratio Lower Upper
 43 100
 58 37.0 30.7 46.1



#52
 Toluene
 Concen: 4.939 ug/l
 RT: 8.76 min Scan# 1259
 Delta R.T. -0.00 min
 Lab File: VX016941.D
 Acq: 24 Jun 2020 11:16

Tgt Ion: 92 Resp: 31258
 Ion Ratio Lower Upper
 92 100
 91 167.6 137.0 205.4





#53

t-1,3-Dichloropropene

Concen: 5.656 ug/l

RT: 9.02 min Scan# 1302

Delta R.T. -0.00 min

Lab File: VX016941.D

Acq: 24 Jun 2020 11:16

Instrument :

MSVOA_X

ClientSampleId :

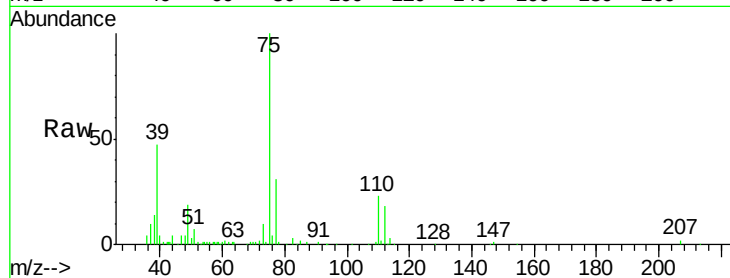
VSTDIC005

Tot Ion: 75 Resp: 21792

Ion Ratio Lower Upper

75 100

77 30.7 25.4 38.0



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

9.02

15000

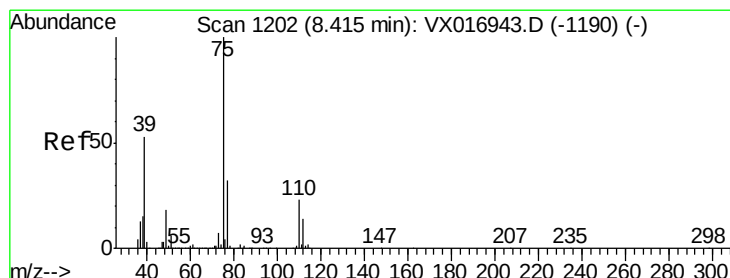
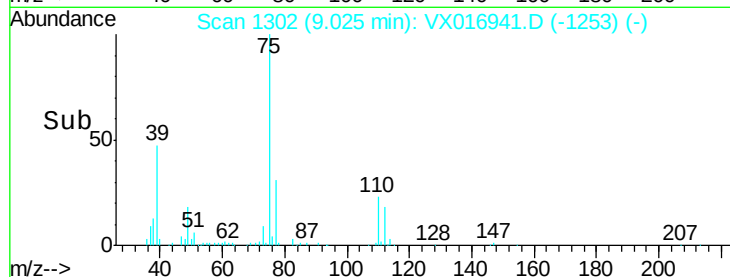
10000

5000

0

Time-->

8.95 9.00 9.05 9.10



#54

cis-1,3-Dichloropropene

Concen: 4.838 ug/l

RT: 8.41 min Scan# 1202

Delta R.T. -0.00 min

Lab File: VX016941.D

Acq: 24 Jun 2020 11:16

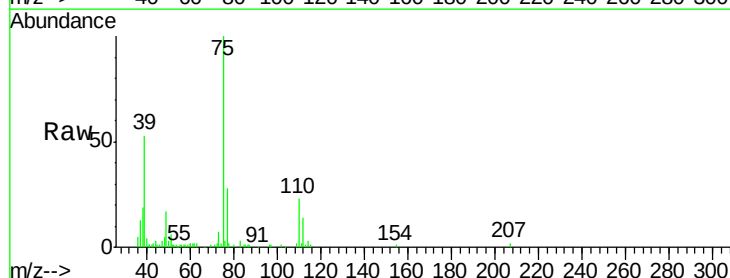
Tgt Ion: 75 Resp: 19888

Ion Ratio Lower Upper

75 100

77 27.1 25.6 38.4

39 51.7 42.6 64.0



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

8.41

15000

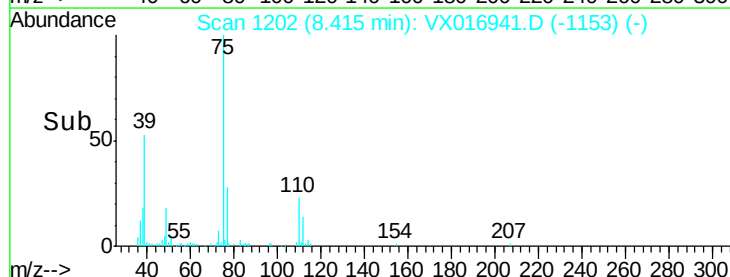
10000

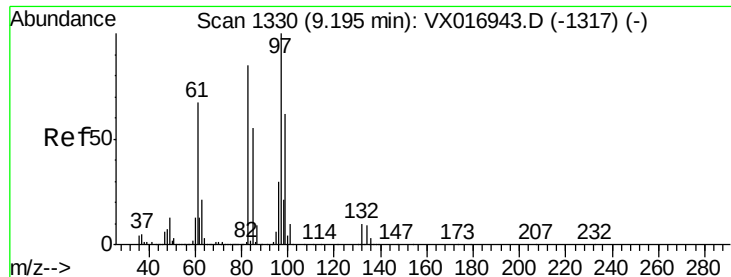
5000

0

Time-->

8.35 8.40 8.45

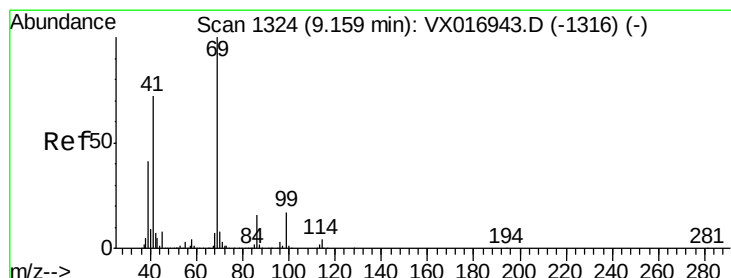
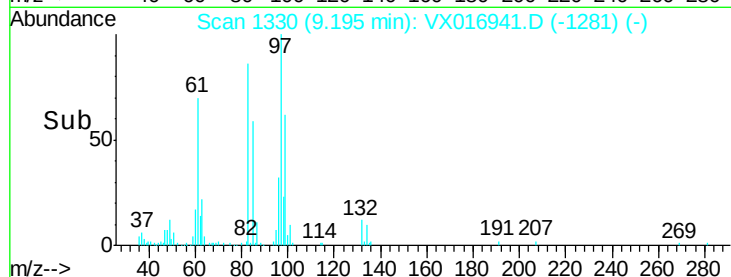
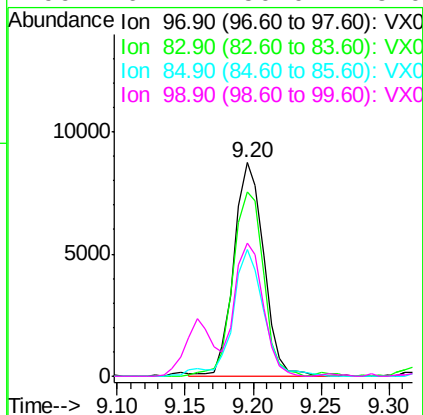
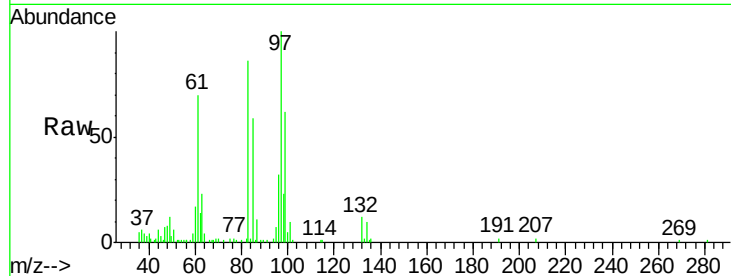




#55
 1,1,2-Trichloroethane
 Concen: 5.703 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. -0.00 min
 Lab File: VX016941.D
 Acq: 24 Jun 2020 11:16

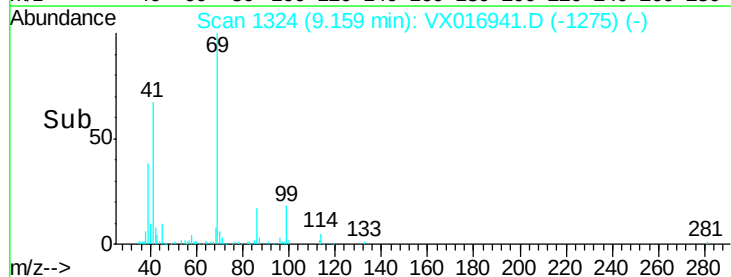
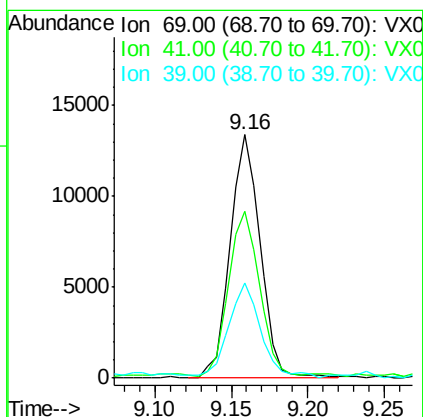
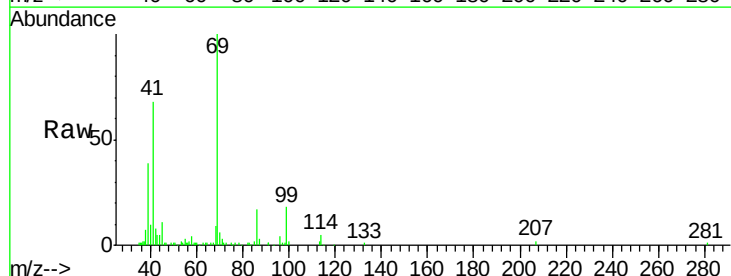
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

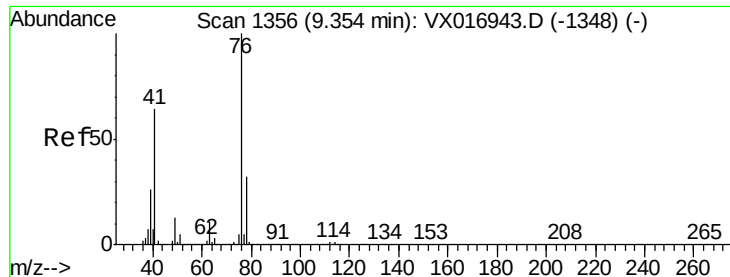
Tot Ion:	97	Resp:	13496
Ion	Ratio	Lower	Upper
97	100		
83	85.5	68.2	102.4
85	59.2	44.3	66.5
99	61.4	50.0	75.0



#56
 Ethyl methacrylate
 Concen: 5.327 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. -0.00 min
 Lab File: VX016941.D
 Acq: 24 Jun 2020 11:16

Tgt Ion:	69	Resp:	18302
Ion	Ratio	Lower	Upper
69	100		
41	68.9	57.0	85.4
39	42.4	33.1	49.7





#57

1,3-Dichloropropane

Concen: 5.467 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. -0.00 min

Lab File: VX016941.D

Acq: 24 Jun 2020 11:16

Instrument :

MSVOA_X

ClientSampleId :

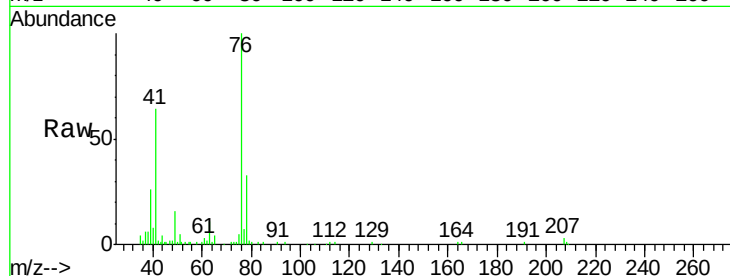
VSTDIC005

Tot Ion: 76 Resp: 22131

Ion Ratio Lower Upper

76 100

78 34.3 25.4 38.0



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

9.35

15000

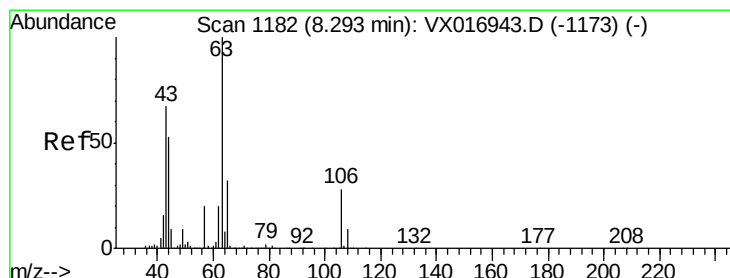
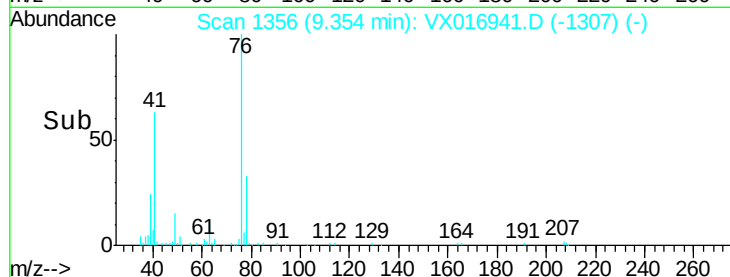
10000

5000

0

Time-->

9.30 9.35 9.40 9.45



#58

2-Chloroethyl Vinyl ether

Concen: 24.511 ug/l

RT: 8.29 min Scan# 1182

Delta R.T. -0.00 min

Lab File: VX016941.D

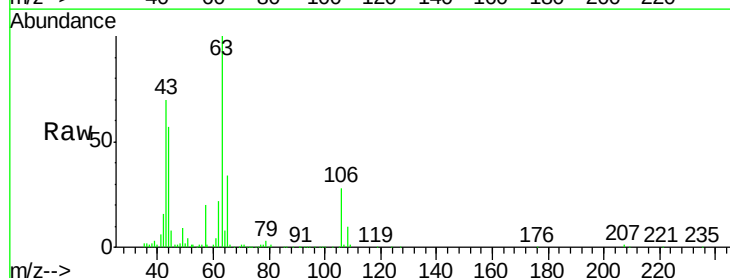
Acq: 24 Jun 2020 11:16

Tgt Ion: 63 Resp: 40804

Ion Ratio Lower Upper

63 100

106 28.8 22.0 33.0



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

8.29

30000

25000

20000

15000

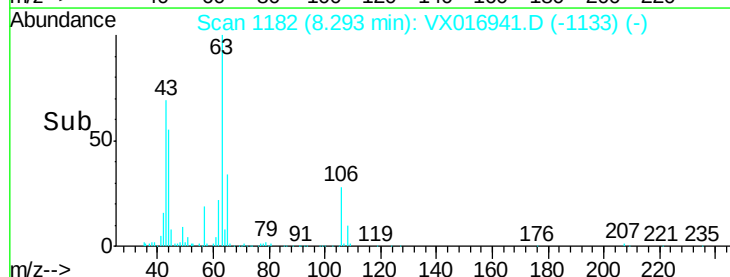
10000

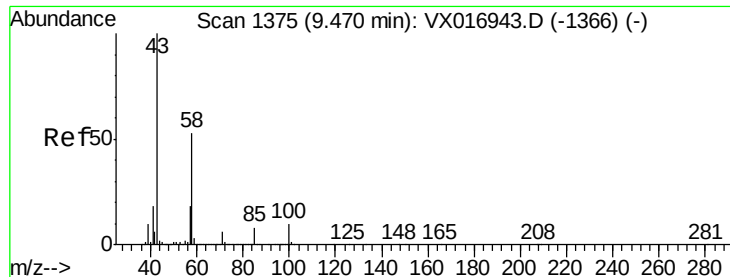
5000

0

Time-->

8.20 8.25 8.30 8.35 8.40

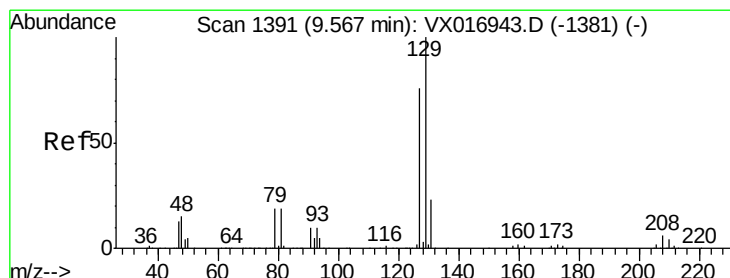
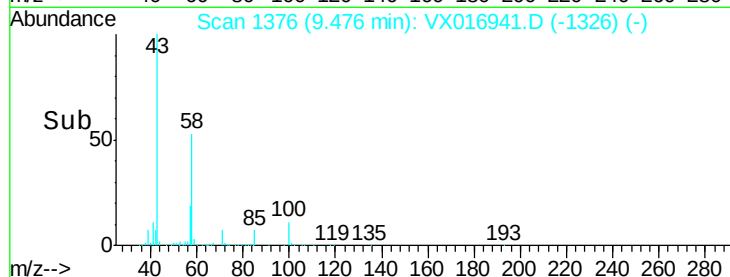
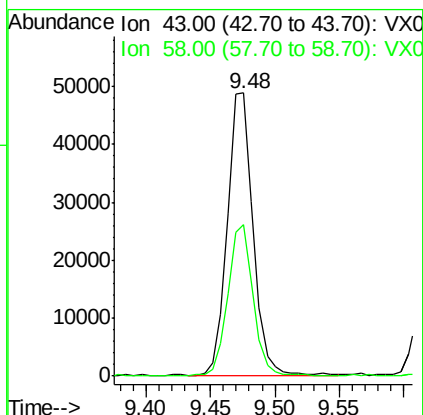
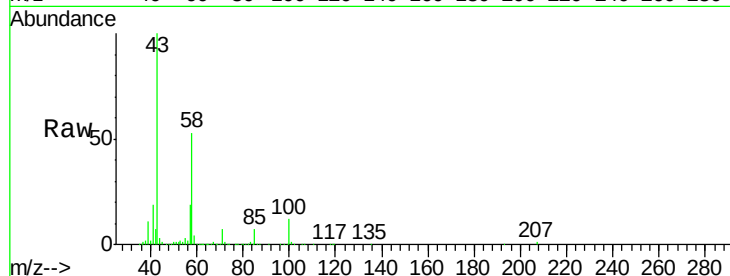




#59
2-Hexanone
Concen: 30.822 ug/l
RT: 9.48 min Scan# 1376
Delta R.T. 0.01 min
Lab File: VX016941.D
Acq: 24 Jun 2020 11:16

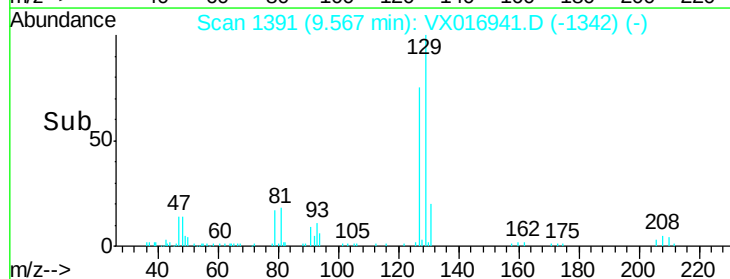
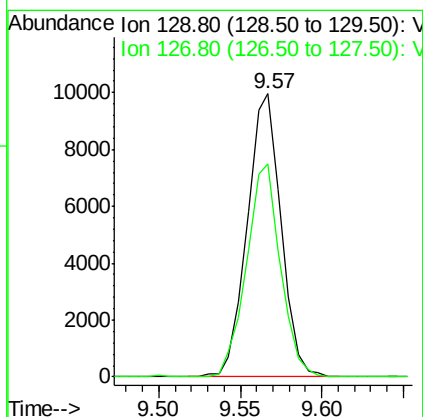
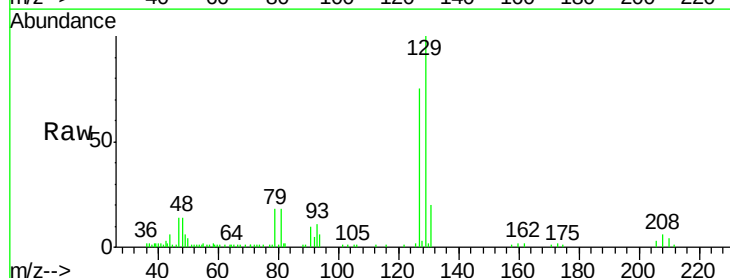
Instrument :
MSVOA_X
ClientSampled :
VSTDIC005

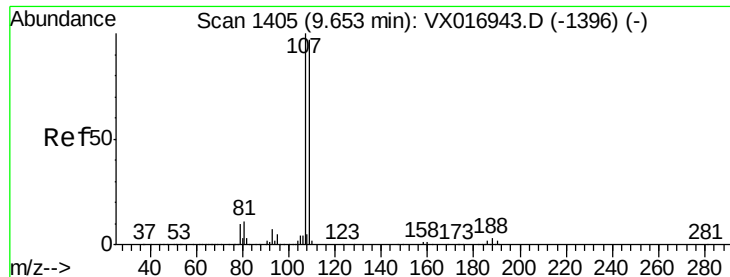
Tot Ion: 43 Resp: 68721
Ion Ratio Lower Upper
43 100
58 52.9 26.8 80.4



#60
Dibromochloromethane
Concen: 5.085 ug/l
RT: 9.57 min Scan# 1391
Delta R.T. -0.00 min
Lab File: VX016941.D
Acq: 24 Jun 2020 11:16

Tgt Ion: 129 Resp: 14346
Ion Ratio Lower Upper
129 100
127 75.5 39.1 117.5





#61

1,2-Dibromoethane

Concen: 5.348 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. -0.00 min

Lab File: VX016941.D

Acq: 24 Jun 2020 11:16

Instrument :

MSVOA_X

ClientSampleId :

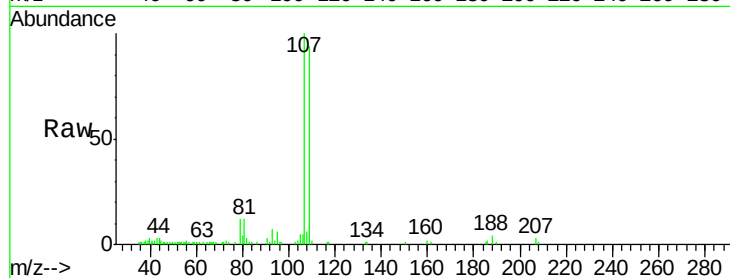
VSTDIC005

Tot Ion:107 Resp: 13848

Ion Ratio Lower Upper

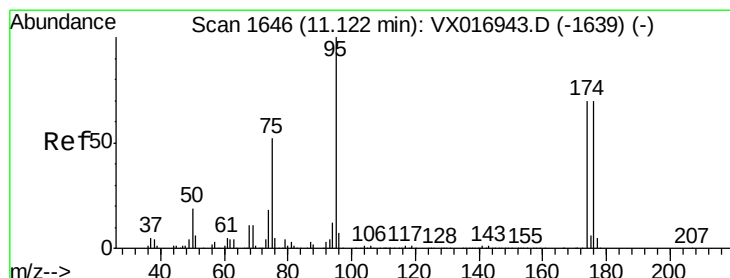
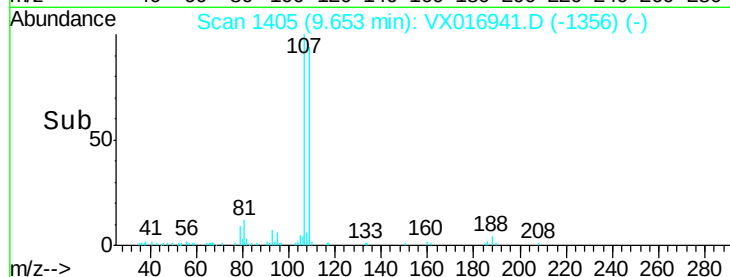
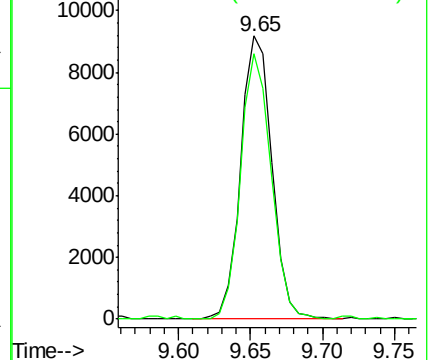
107 100

109 91.9 74.2 111.2



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 4.640 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX016941.D

Acq: 24 Jun 2020 11:16

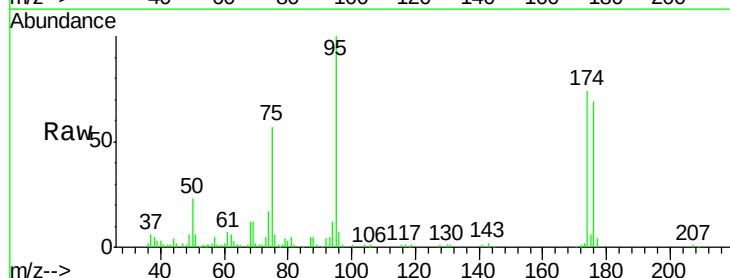
Tgt Ion: 95 Resp: 15754

Ion Ratio Lower Upper

95 100

174 73.7 0.0 142.0

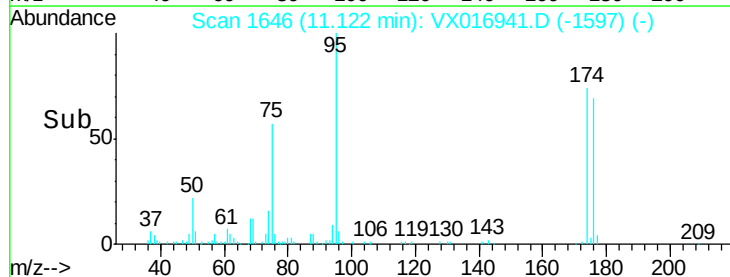
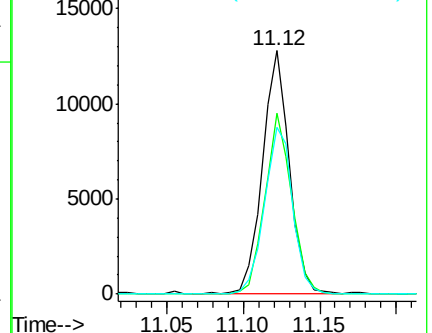
176 71.7 0.0 141.4

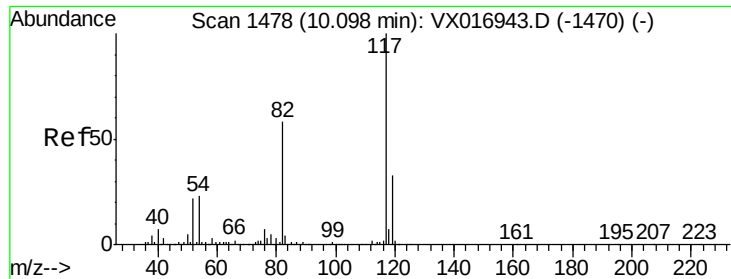


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

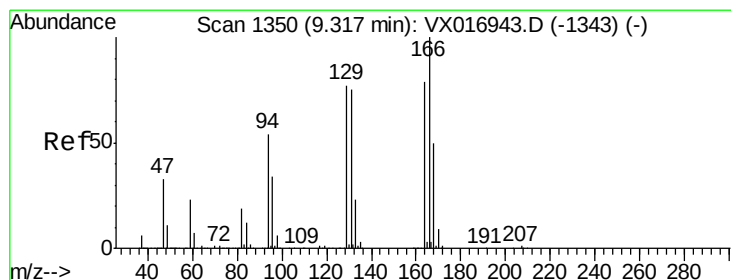
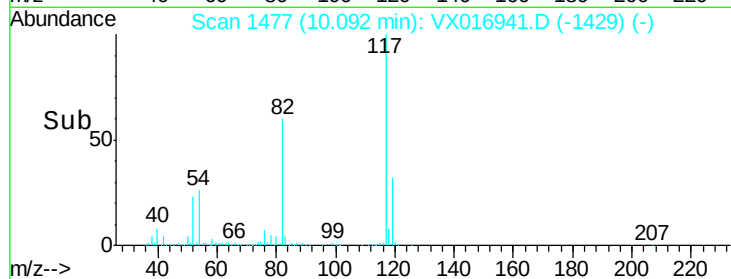
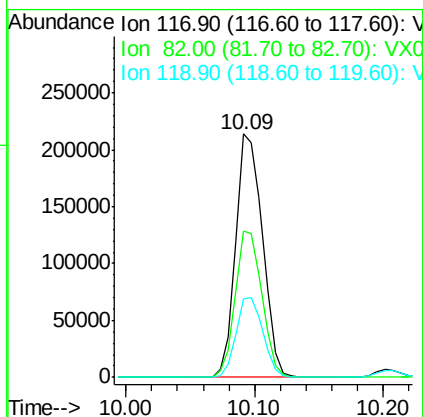
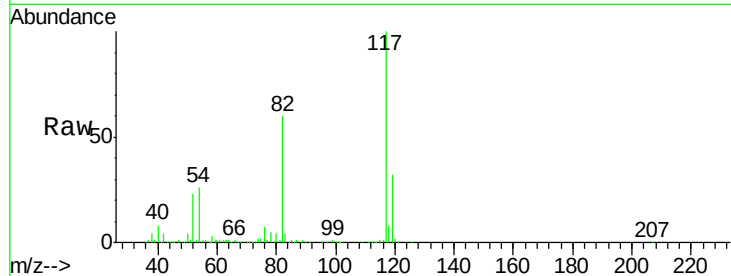




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.09 min Scan# 1477
Delta R.T. -0.01 min
Lab File: VX016941.D
Acq: 24 Jun 2020 11:16

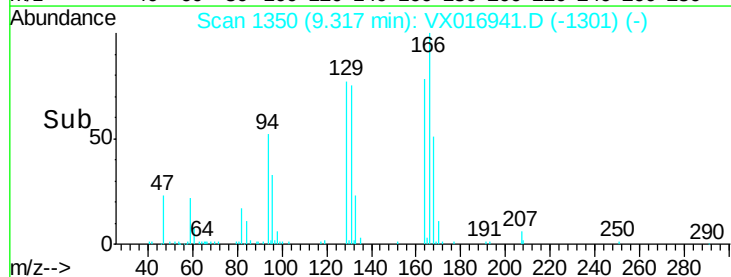
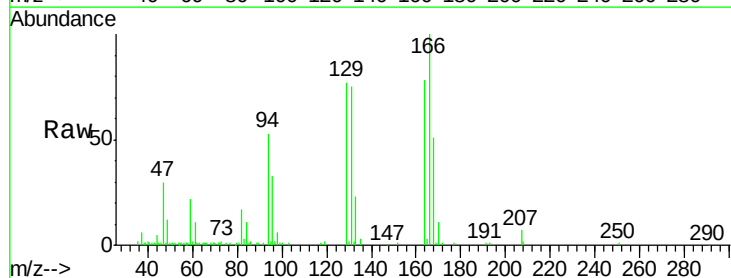
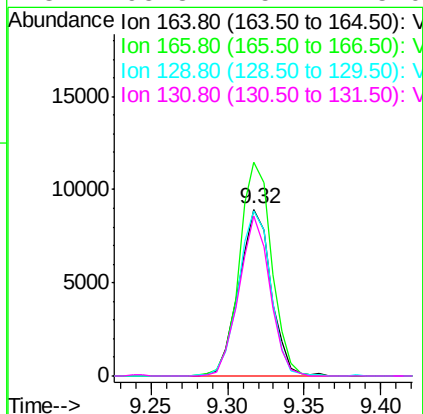
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

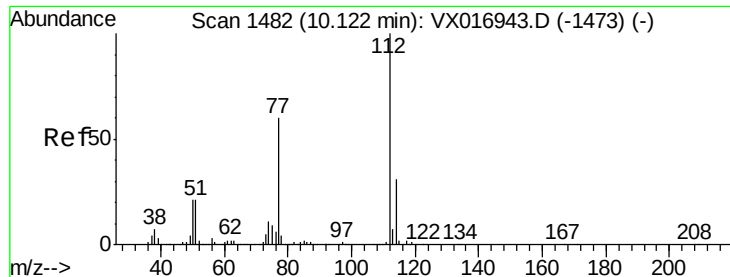
Tot Ion:117 Resp: 309650
Ion Ratio Lower Upper
117 100
82 60.3 46.7 70.1
119 32.2 26.4 39.6



#64
Tetrachloroethene
Concen: 4.704 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX016941.D
Acq: 24 Jun 2020 11:16

Tgt Ion:164 Resp: 13099
Ion Ratio Lower Upper
164 100
166 128.3 101.0 151.6
129 98.9 78.2 117.2
131 95.8 75.4 113.0





#65

Chlorobenzene

Concen: 5.510 ug/l

RT: 10.12 min Scan# 1482

Delta R.T. -0.00 min

Lab File: VX016941.D

Acq: 24 Jun 2020 11:16

Instrument :

MSVOA_X

ClientSampleId :

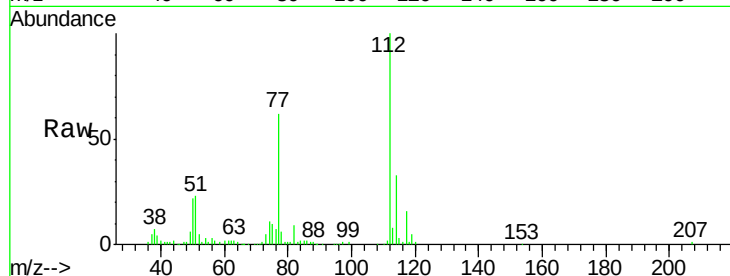
VSTDIC005

Tot Ion:112 Resp: 34842

Ion Ratio Lower Upper

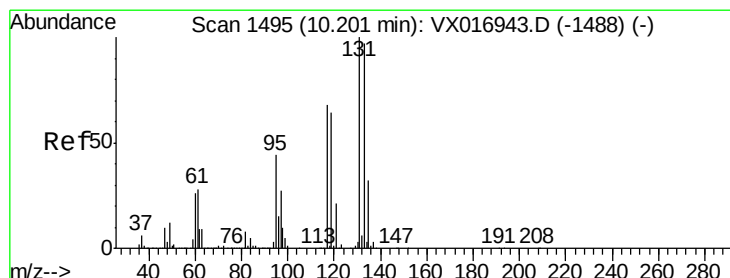
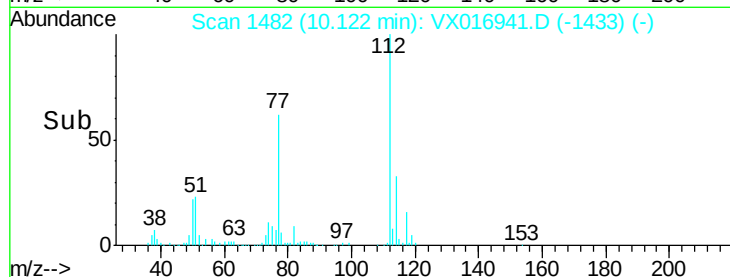
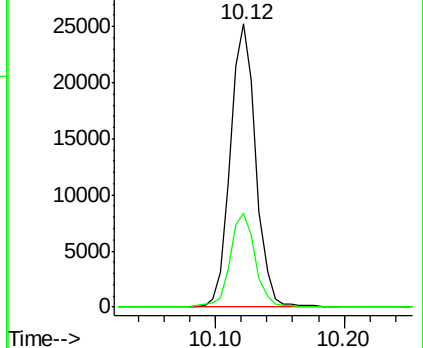
112 100

114 33.3 24.9 37.3



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 5.324 ug/l

RT: 10.21 min Scan# 1496

Delta R.T. 0.01 min

Lab File: VX016941.D

Acq: 24 Jun 2020 11:16

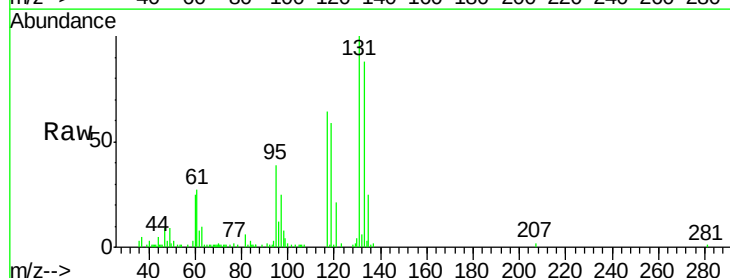
Tgt Ion:131 Resp: 13087

Ion Ratio Lower Upper

131 100

133 99.1 47.4 142.2

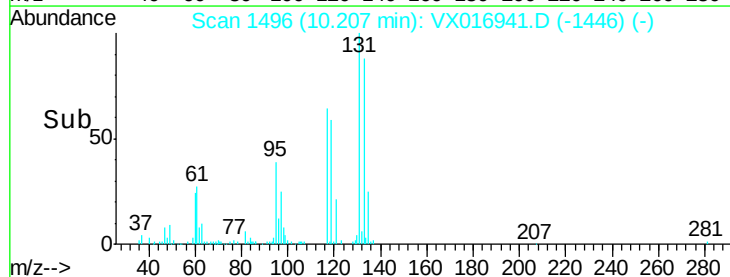
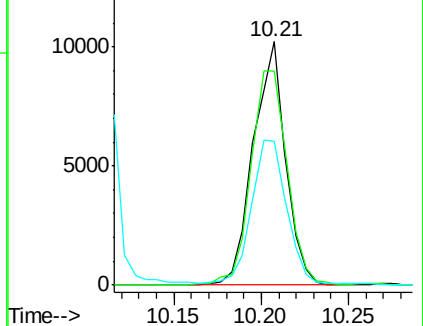
119 64.3 31.8 95.3

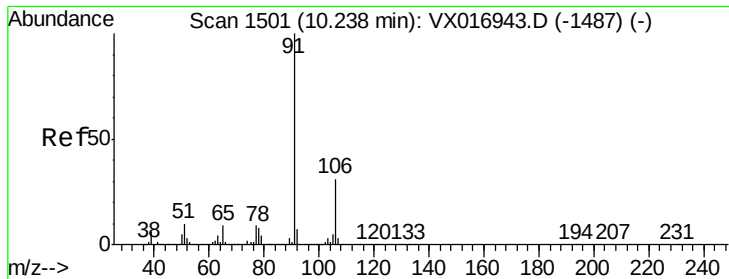


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





#67

Ethyl Benzene

Concen: 5.561 ug/l

RT: 10.24 min Scan# 1501

Delta R.T. -0.00 min

Lab File: VX016941.D

Acq: 24 Jun 2020 11:16

Instrument :

MSVOA_X

ClientSampleId :

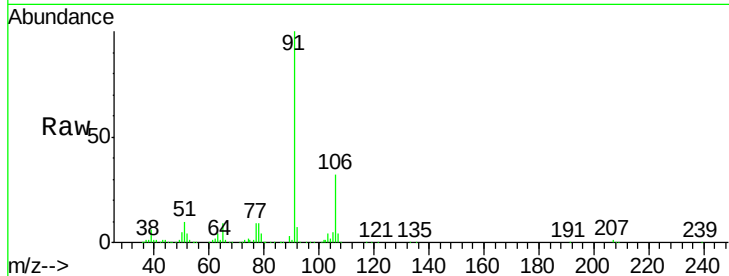
VSTDIC005

Tot Ion: 91 Resp: 60322

Ion Ratio Lower Upper

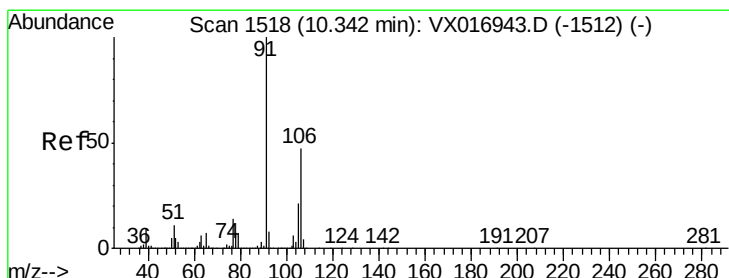
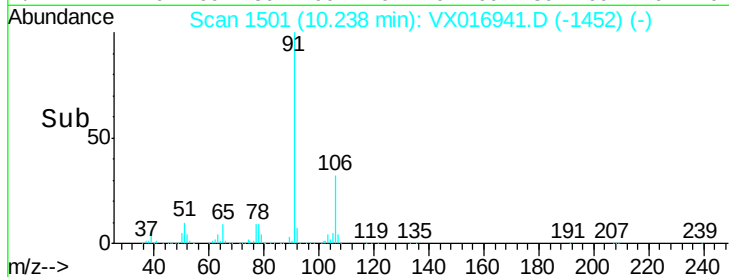
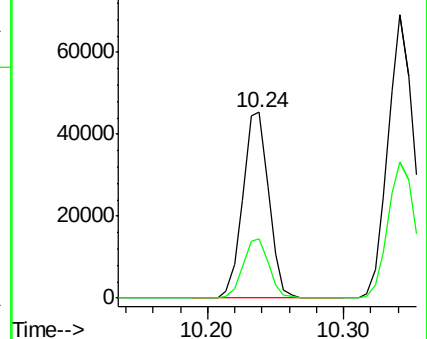
91 100

106 32.2 24.6 37.0



Abundance Ion 91.00 (90.70 to 91.70): VX016941.D (-1487) (-)

Ion 106.00 (105.70 to 106.70): VX016941.D (-1487) (-)



#68

m/p-Xylenes

Concen: 10.852 ug/l

RT: 10.34 min Scan# 1518

Delta R.T. -0.00 min

Lab File: VX016941.D

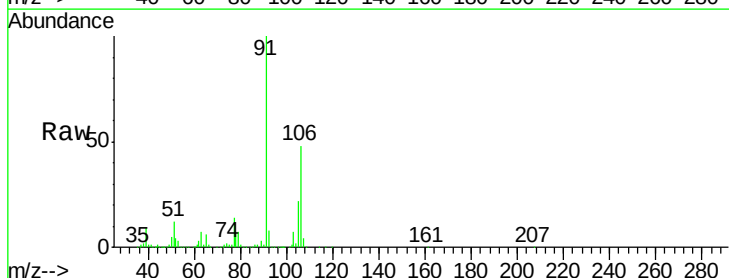
Acq: 24 Jun 2020 11:16

Tgt Ion: 106 Resp: 45501

Ion Ratio Lower Upper

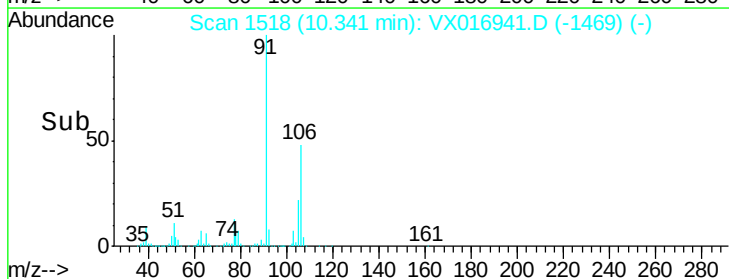
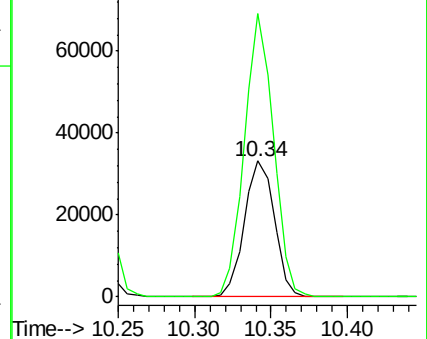
106 100

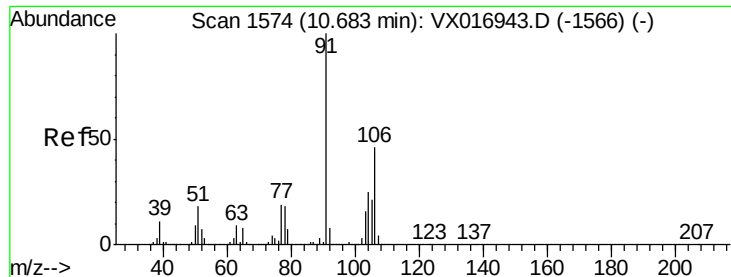
91 200.2 167.2 250.8



Abundance Ion 106.00 (105.70 to 106.70): VX016941.D (-1512) (-)

Ion 91.00 (90.70 to 91.70): VX016941.D (-1512) (-)

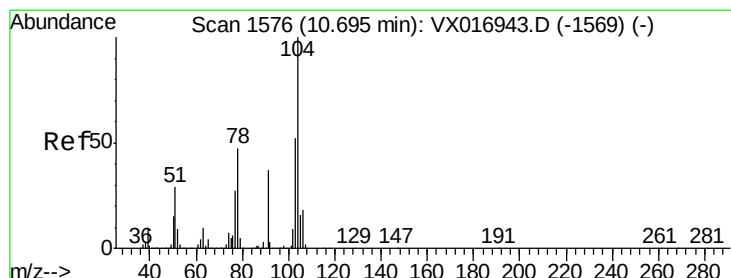
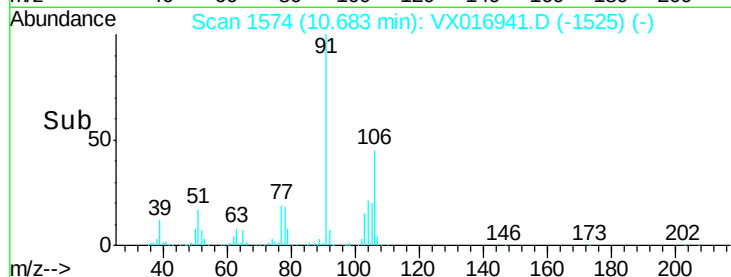
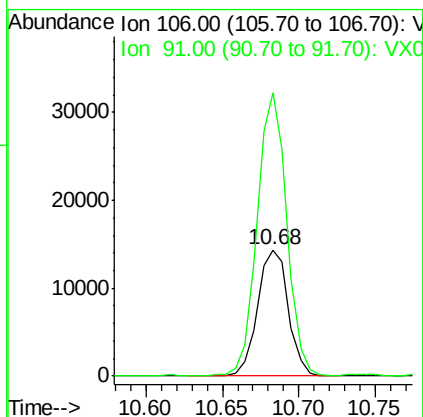
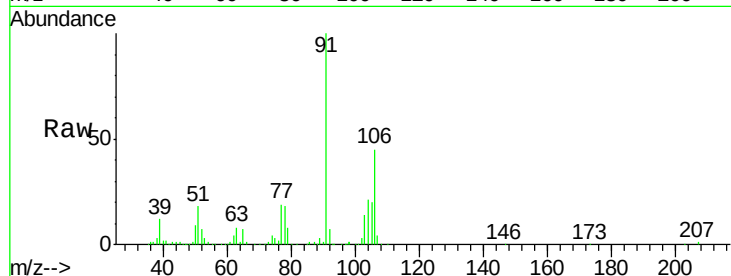




#69
o-Xylene
Concen: 5.164 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX016941.D
Acq: 24 Jun 2020 11:16

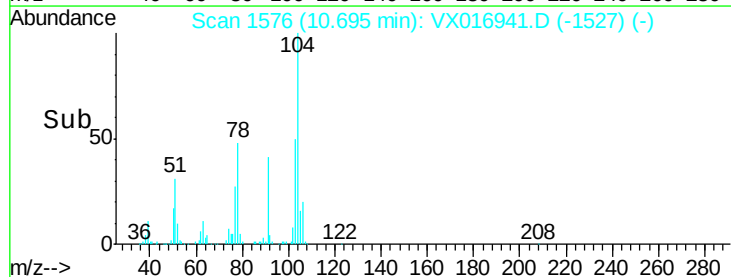
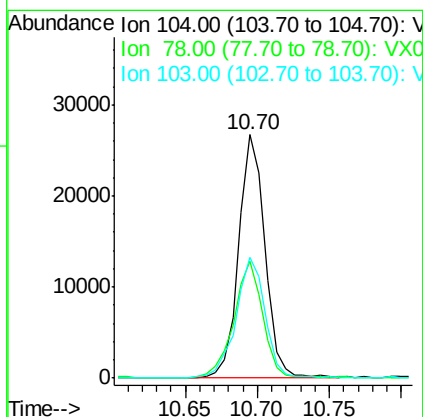
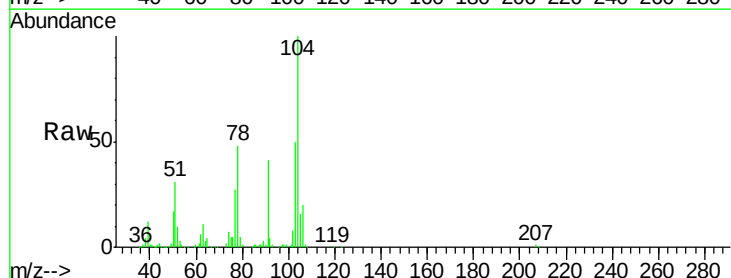
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

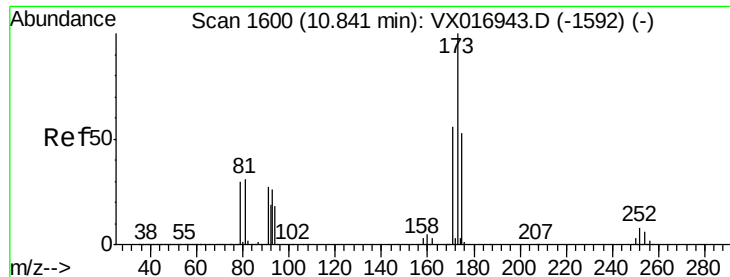
Tot Ion:106 Resp: 20101
Ion Ratio Lower Upper
106 100
91 216.2 109.6 328.6



#70
Styrene
Concen: 5.114 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX016941.D
Acq: 24 Jun 2020 11:16

Tgt Ion:104 Resp: 33914
Ion Ratio Lower Upper
104 100
78 52.9 42.3 63.5
103 55.4 43.8 65.6





#71

Bromoform

Concen: 4.023 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VX016941.D

Acq: 24 Jun 2020 11:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

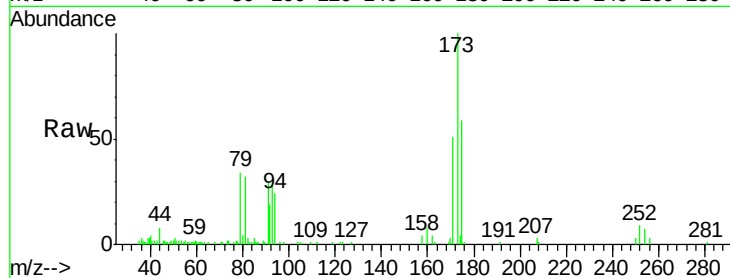
Tot Ion:173 Resp: 8231

Ion Ratio Lower Upper

173 100

175 51.2 24.9 74.6

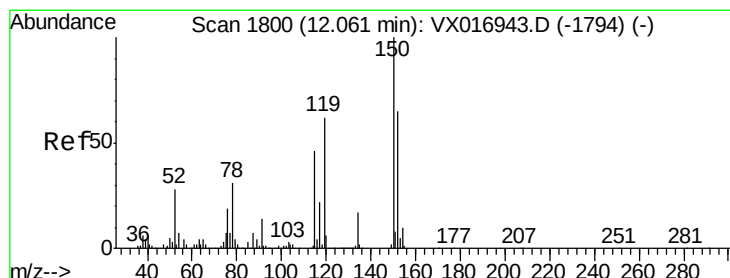
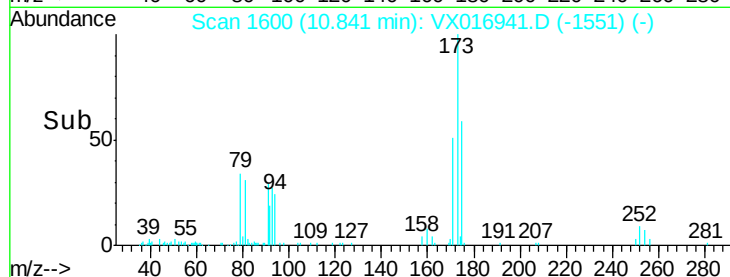
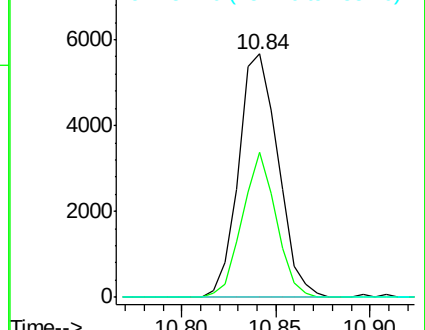
254 0.0 0.1 0.1#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VX016941.D

Acq: 24 Jun 2020 11:16

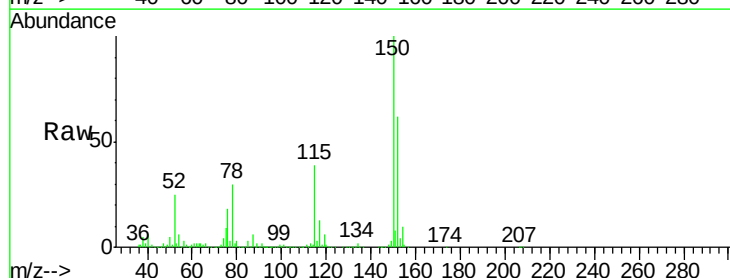
Tgt Ion:152 Resp: 139847

Ion Ratio Lower Upper

152 100

115 65.1 43.4 130.2

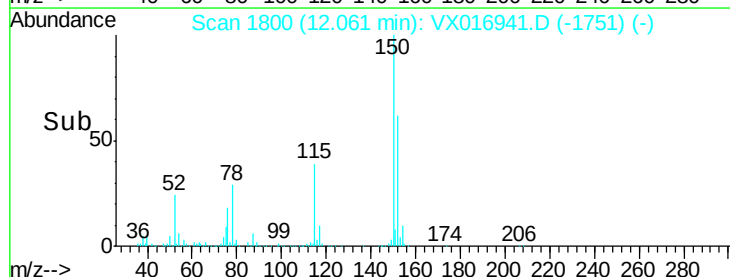
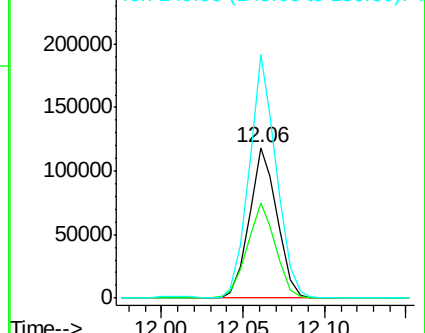
150 158.3 0.0 343.6

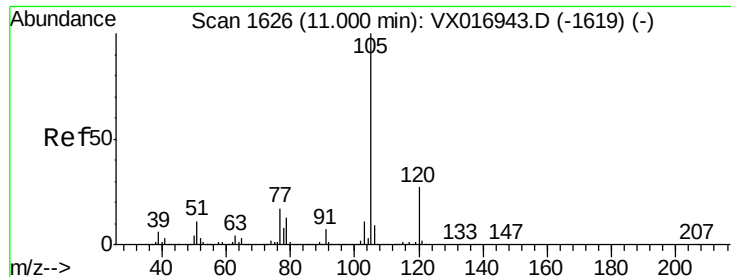


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 5.659 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.00 min

Lab File: VX016941.D

Acq: 24 Jun 2020 11:16

Instrument :

MSVOA_X

ClientSampleId :

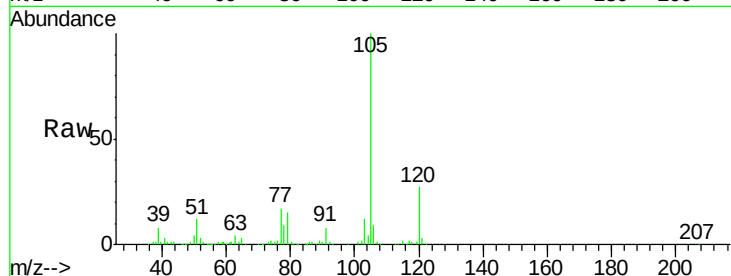
VSTDIC005

Tot Ion:105 Resp: 51785

Ion Ratio Lower Upper

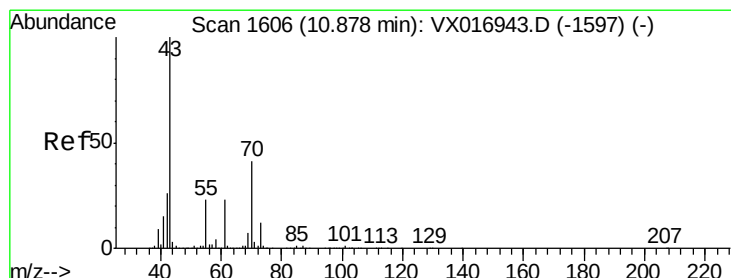
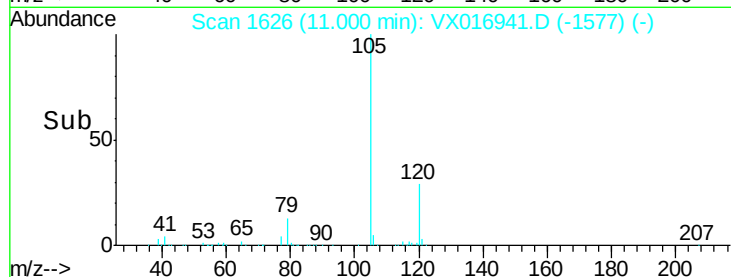
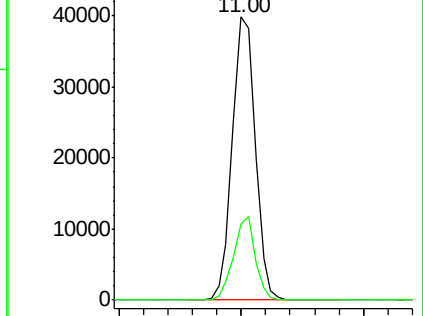
105 100

120 27.5 13.2 39.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 6.635 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. -0.00 min

Lab File: VX016941.D

Acq: 24 Jun 2020 11:16

Tgt Ion: 43 Resp: 22759

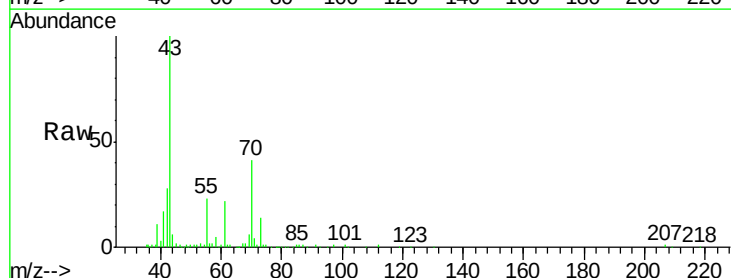
Ion Ratio Lower Upper

43 100

70 42.4 33.0 49.4

55 24.7 19.0 28.4

61 22.3 18.6 28.0

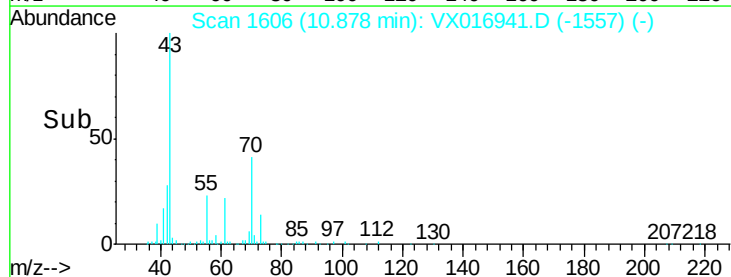
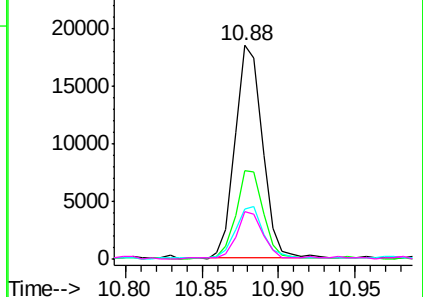


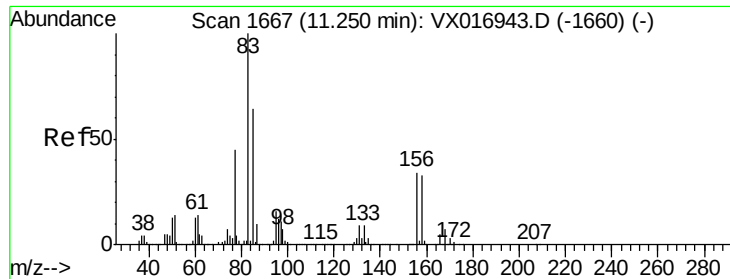
Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 6.719 ug/l

RT: 11.26 min Scan# 1668

Delta R.T. 0.01 min

Lab File: VX016941.D

Acq: 24 Jun 2020 11:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

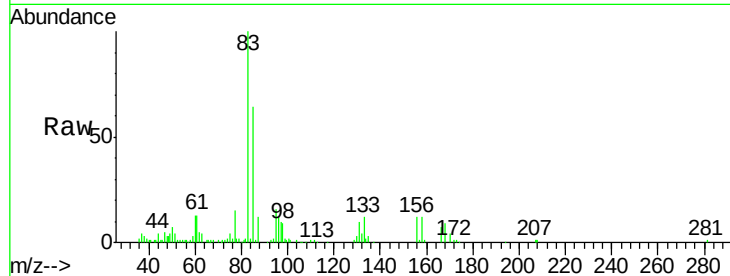
Tot Ion: 83 Resp: 17931

Ion Ratio Lower Upper

83 100

131 10.5 5.0 14.9

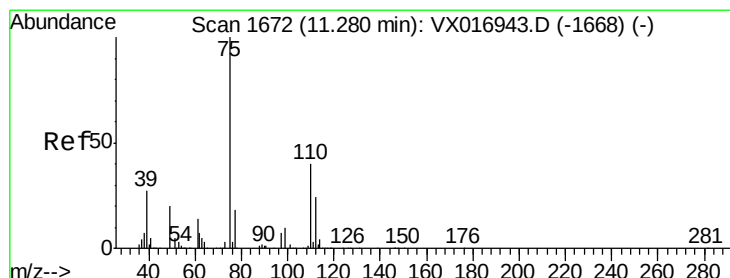
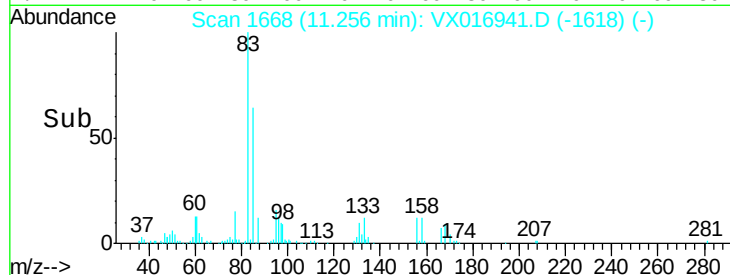
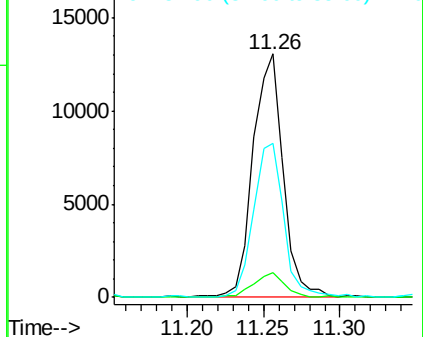
85 63.7 31.9 95.9



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): VX0

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 6.307 ug/l m

RT: 11.28 min Scan# 1672

Delta R.T. -0.00 min

Lab File: VX016941.D

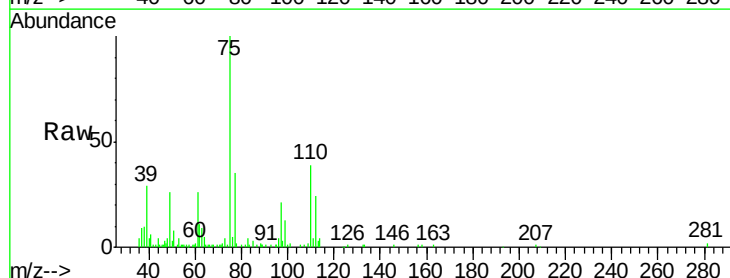
Acq: 24 Jun 2020 11:16

Tgt Ion: 75 Resp: 16756

Ion Ratio Lower Upper

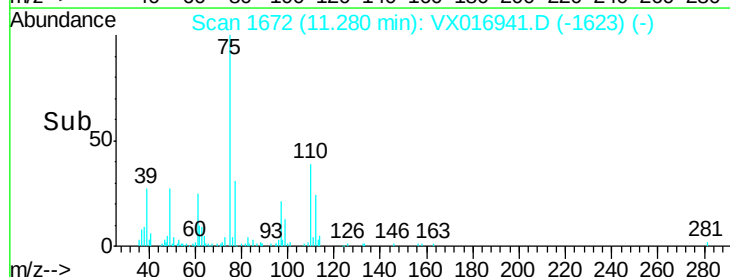
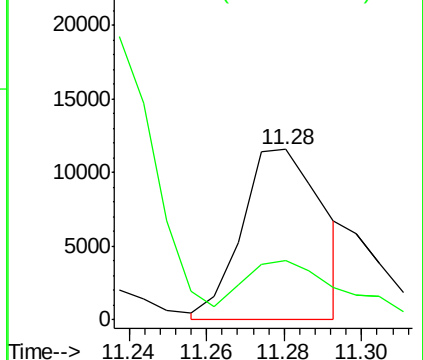
75 100

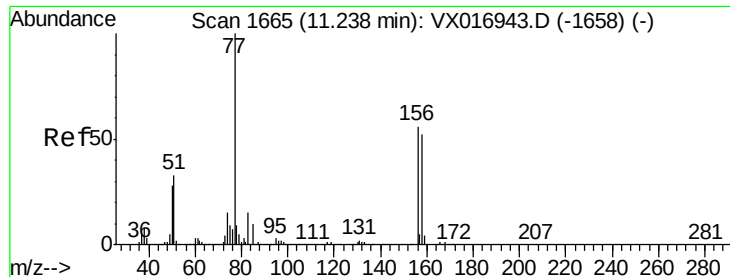
77 42.8 20.3 61.0



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 5.459 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX016941.D

Acq: 24 Jun 2020 11:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

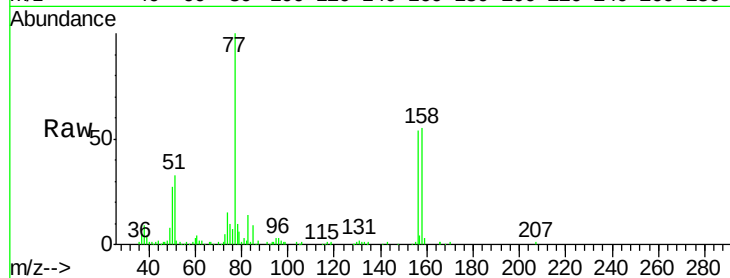
Tot Ion:156 Resp: 13380

Ion Ratio Lower Upper

156 100

77 176.7 88.6 265.9

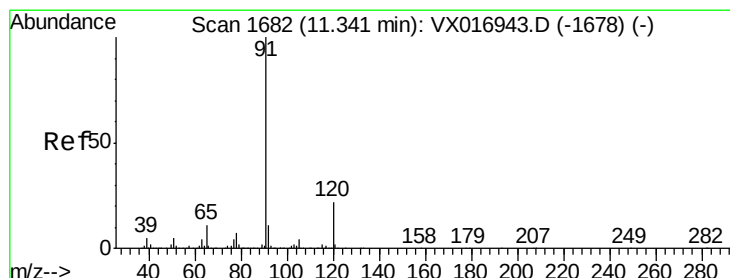
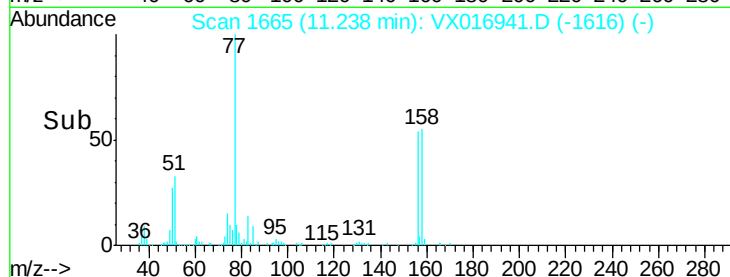
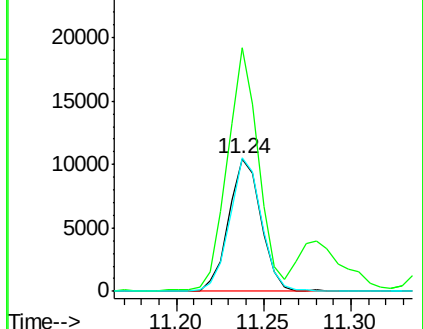
158 99.8 48.4 145.3



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: 6.110 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. -0.00 min

Lab File: VX016941.D

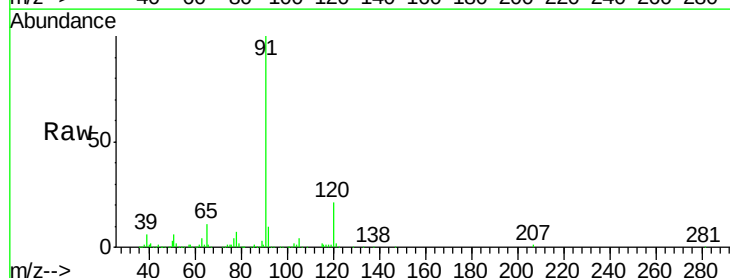
Acq: 24 Jun 2020 11:16

Tgt Ion: 91 Resp: 62987

Ion Ratio Lower Upper

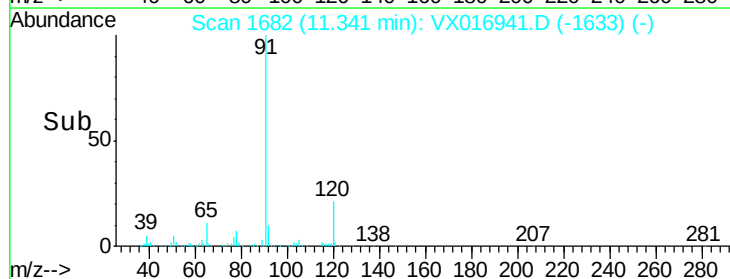
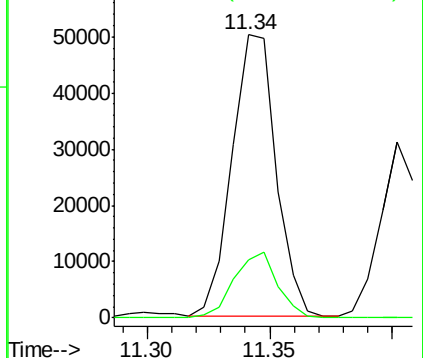
91 100

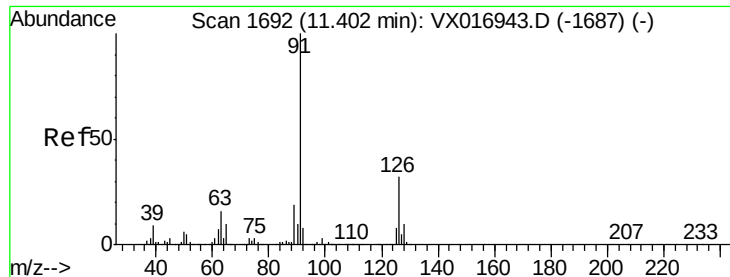
120 23.1 11.2 33.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

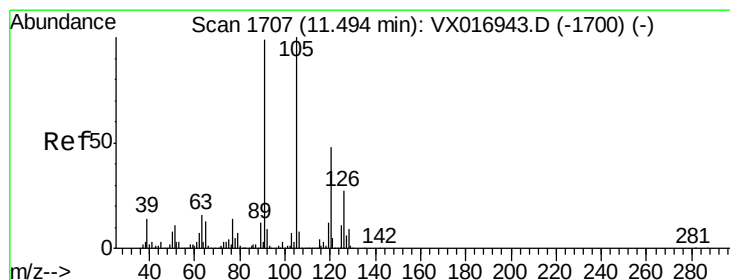
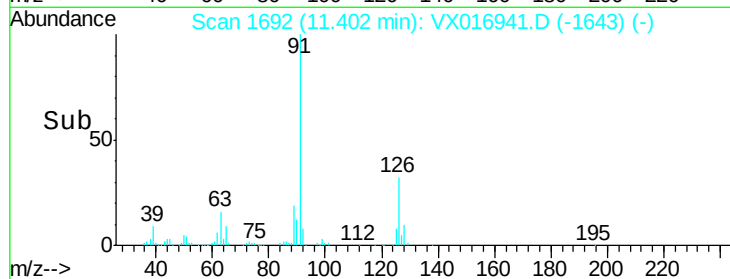
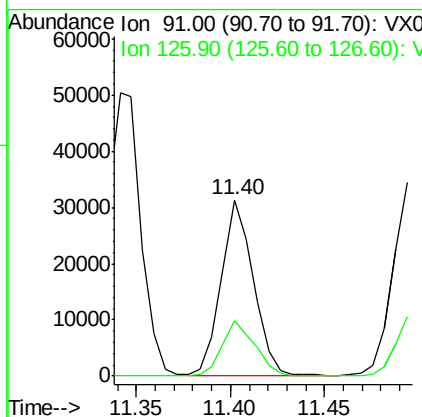
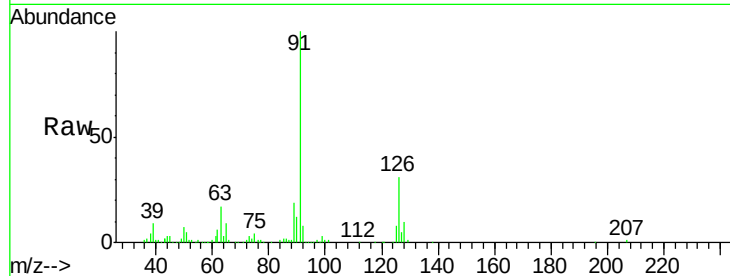




#79
 2-Chlorotoluene
 Concen: 5.827 ug/l
 RT: 11.40 min Scan# 1692
 Delta R.T. -0.00 min
 Lab File: VX016941.D
 Acq: 24 Jun 2020 11:16

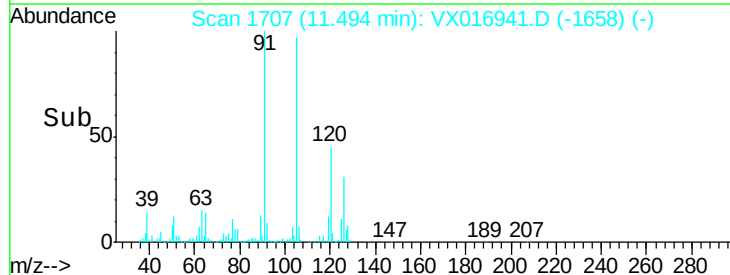
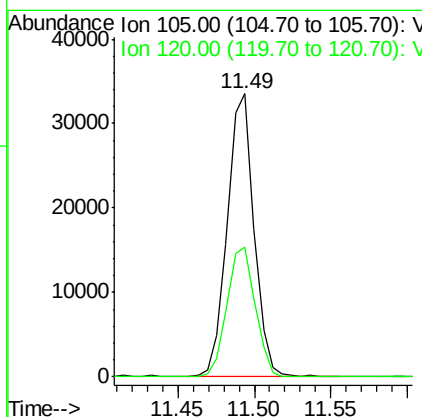
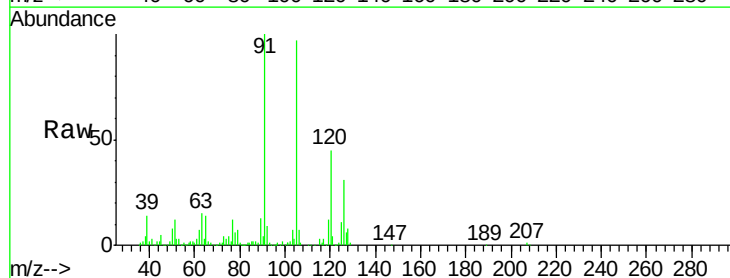
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

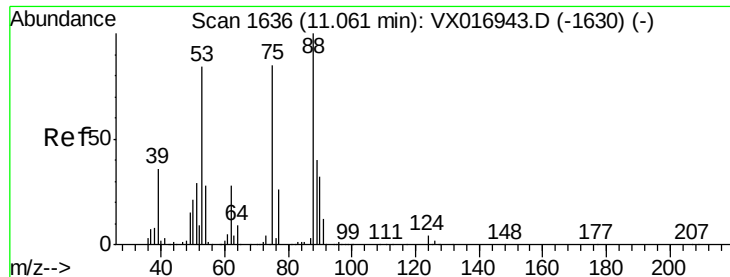
Tot Ion: 91 Resp: 36725
 Ion Ratio Lower Upper
 91 100
 126 32.6 16.3 48.8



#80
 1,3,5-Trimethylbenzene
 Concen: 5.180 ug/l
 RT: 11.49 min Scan# 1707
 Delta R.T. -0.00 min
 Lab File: VX016941.D
 Acq: 24 Jun 2020 11:16

Tgt Ion: 105 Resp: 40707
 Ion Ratio Lower Upper
 105 100
 120 48.4 24.3 72.9





#81

trans-1,4-Dichloro-2-butene

Concen: 6.034 ug/l

RT: 11.05 min Scan# 1635

Delta R.T. -0.01 min

Lab File: VX016941.D

Acq: 24 Jun 2020 11:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

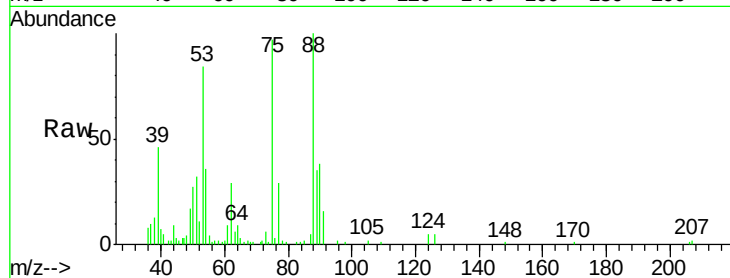
Tot Ion: 75 Resp: 6587

Ion Ratio Lower Upper

75 100

53 100.9 79.8 119.8

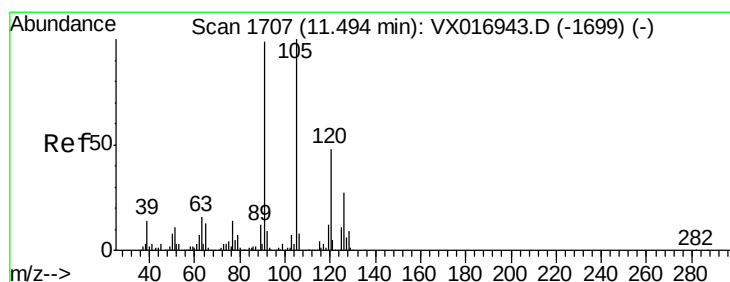
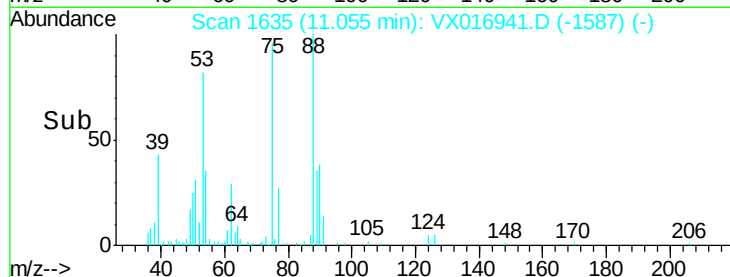
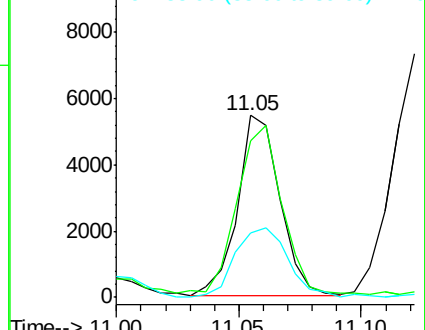
89 48.9 37.4 56.2



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 5.402 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX016941.D

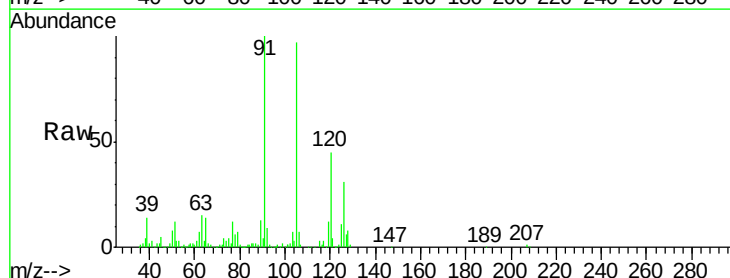
Acq: 24 Jun 2020 11:16

Tgt Ion: 91 Resp: 40717

Ion Ratio Lower Upper

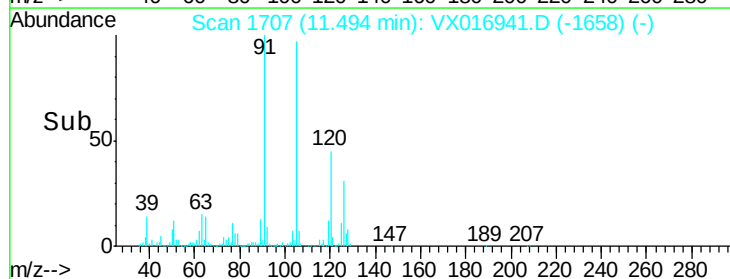
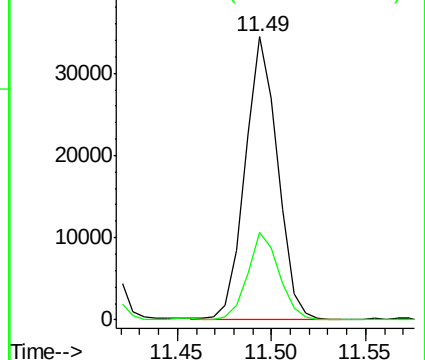
91 100

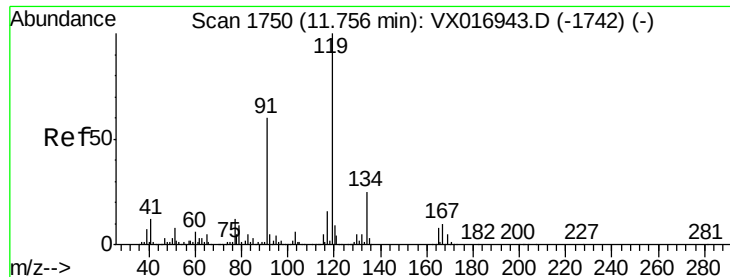
126 30.6 14.1 42.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

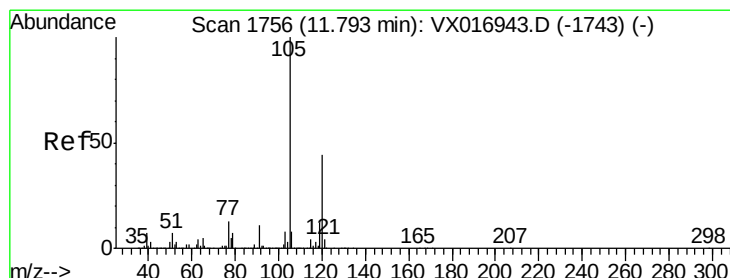
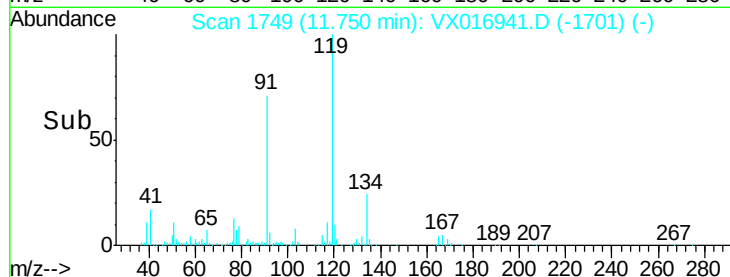
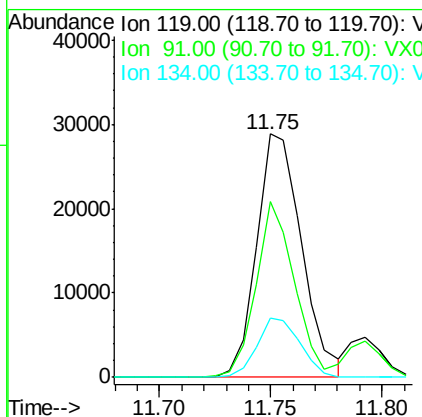
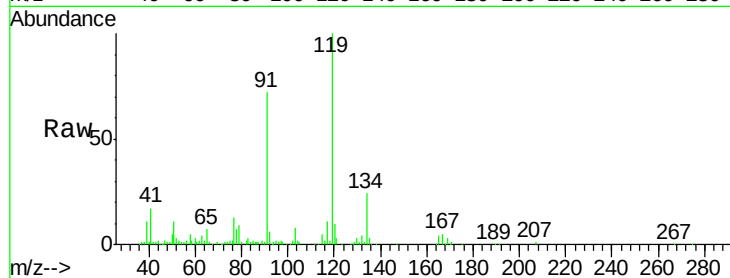




#83
 tert-Butylbenzene
 Concen: 5.210 ug/l
 RT: 11.75 min Scan# 1749
 Delta R.T. -0.01 min
 Lab File: VX016941.D
 Acq: 24 Jun 2020 11:16

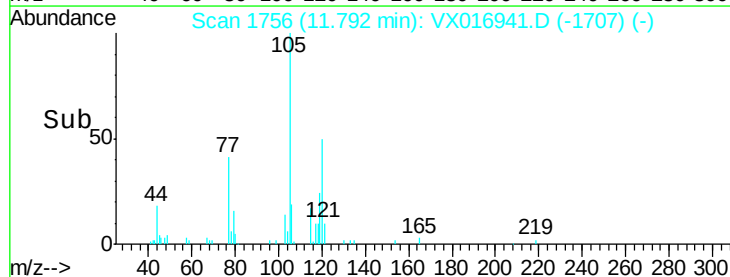
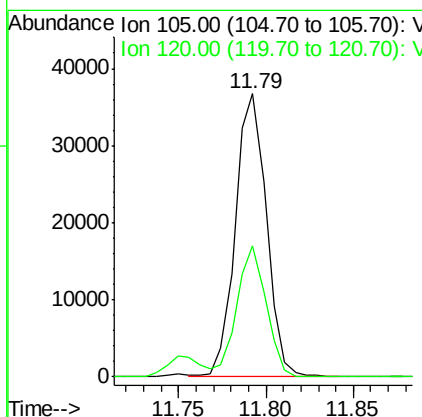
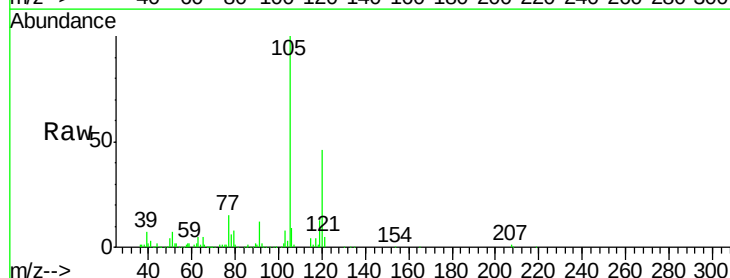
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

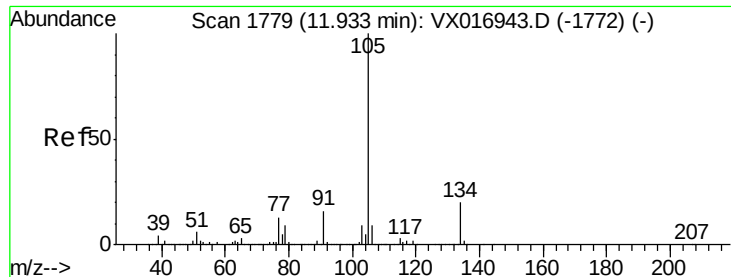
Tot Ion	Ratio	Lower	Upper
119	100		
91	61.5	30.0	90.1
134	23.3	11.6	34.7



#84
 1,2,4-Trimethylbenzene
 Concen: 5.591 ug/l
 RT: 11.79 min Scan# 1756
 Delta R.T. -0.00 min
 Lab File: VX016941.D
 Acq: 24 Jun 2020 11:16

Tgt Ion	Ratio	Lower	Upper
105	100		
120	44.0	21.8	65.4

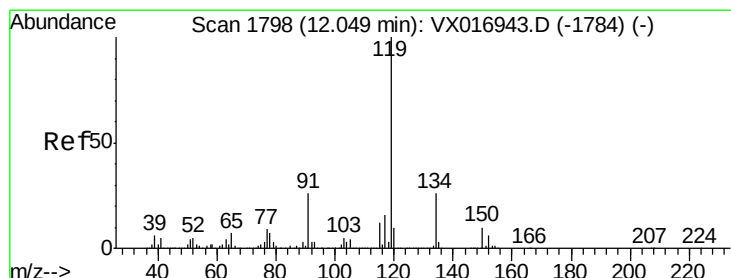
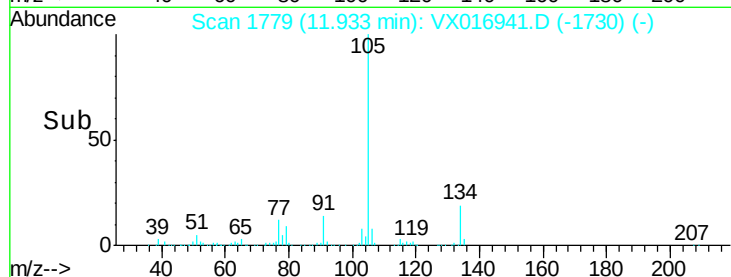
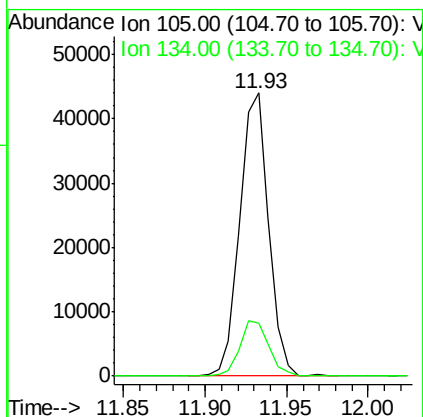
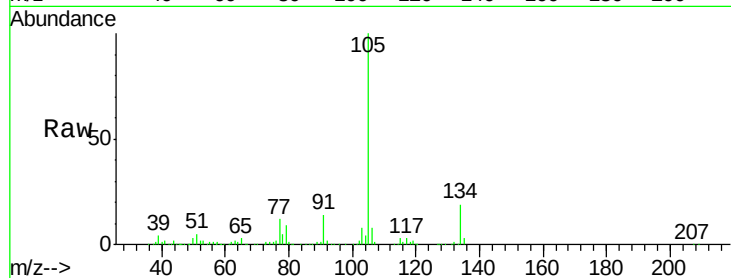




#85
 sec-Butylbenzene
 Concen: 5.958 ug/l
 RT: 11.93 min Scan# 1779
 Delta R.T. -0.00 min
 Lab File: VX016941.D
 Acq: 24 Jun 2020 11:16

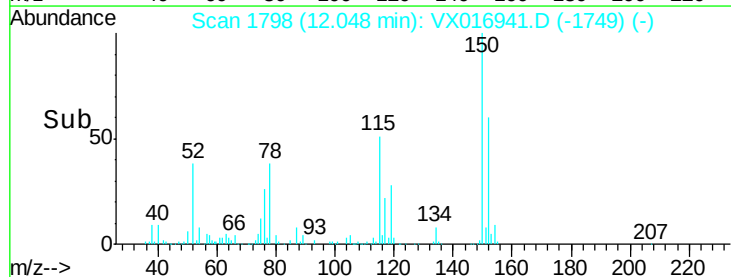
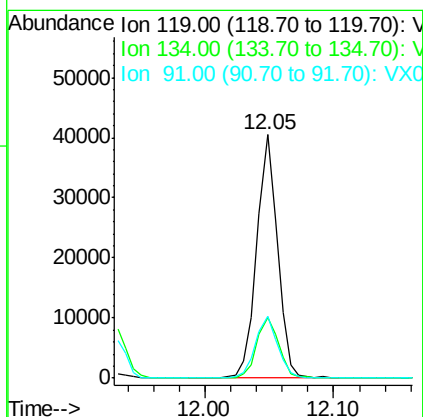
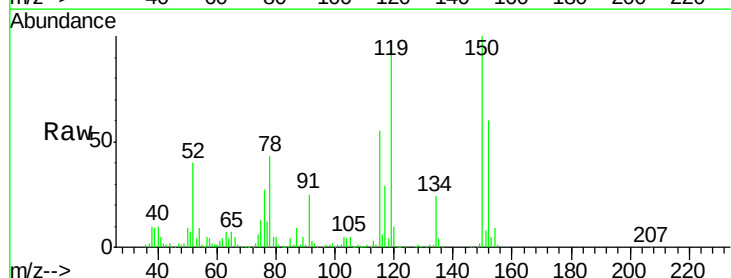
Instrument :
 MSVOA_X
 ClientSampleID :
 VSTDIC005

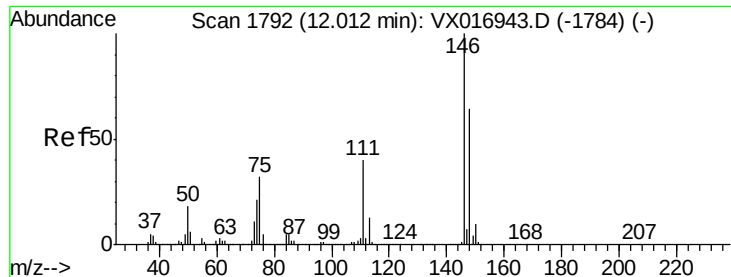
Tot Ion:105 Resp: 54161
 Ion Ratio Lower Upper
 105 100
 134 19.8 9.9 29.7



#86
 p-Isopropyltoluene
 Concen: 5.426 ug/l
 RT: 12.05 min Scan# 1798
 Delta R.T. -0.00 min
 Lab File: VX016941.D
 Acq: 24 Jun 2020 11:16

Tgt Ion:119 Resp: 44717
 Ion Ratio Lower Upper
 119 100
 134 26.4 13.2 39.5
 91 27.1 12.8 38.3

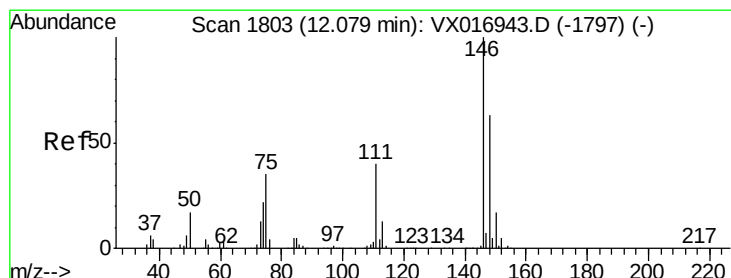
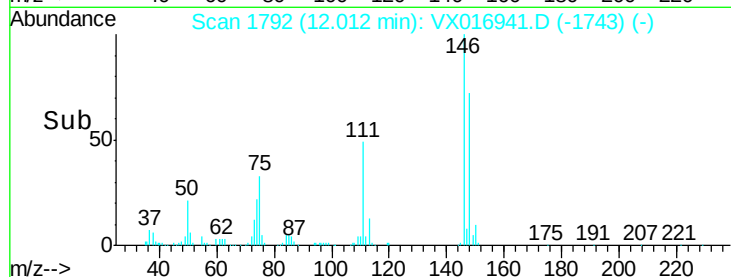
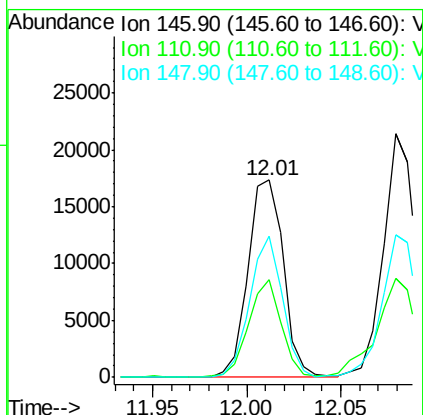
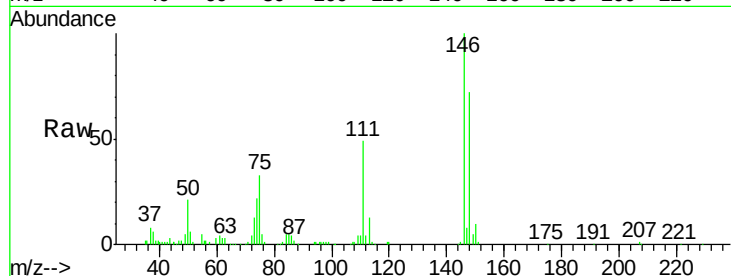




#87
 1,3-Dichlorobenzene
 Concen: 5.073 ug/l
 RT: 12.01 min Scan# 1792
 Delta R.T. -0.00 min
 Lab File: VX016941.D
 Acq: 24 Jun 2020 11:16

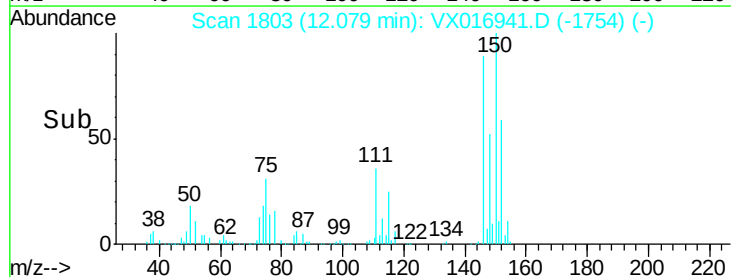
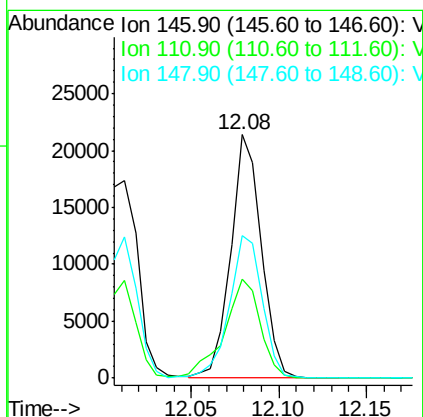
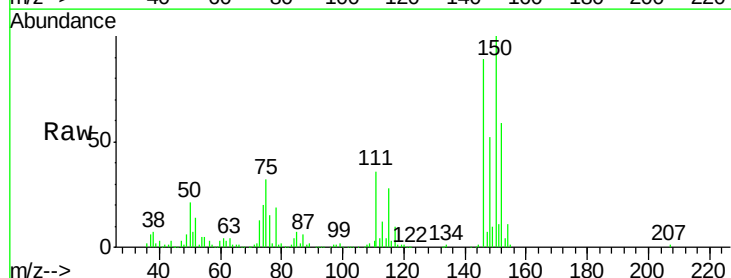
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

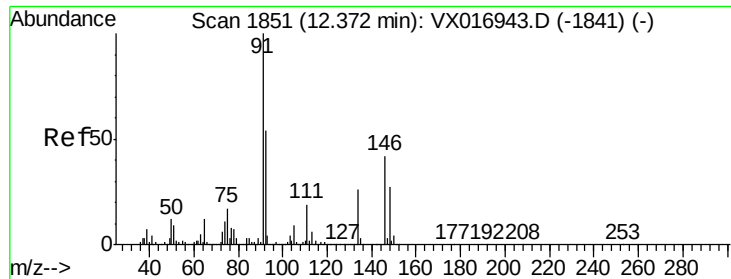
Tot Ion:146 Resp: 22612
 Ion Ratio Lower Upper
 146 100
 111 46.2 21.4 64.3
 148 66.5 32.4 97.0



#88
 1,4-Dichlorobenzene
 Concen: 5.738 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. -0.00 min
 Lab File: VX016941.D
 Acq: 24 Jun 2020 11:16

Tgt Ion:146 Resp: 26037
 Ion Ratio Lower Upper
 146 100
 111 48.0 20.3 60.8
 148 62.9 31.4 94.2

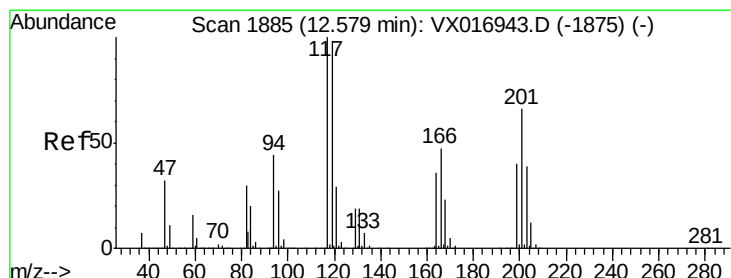
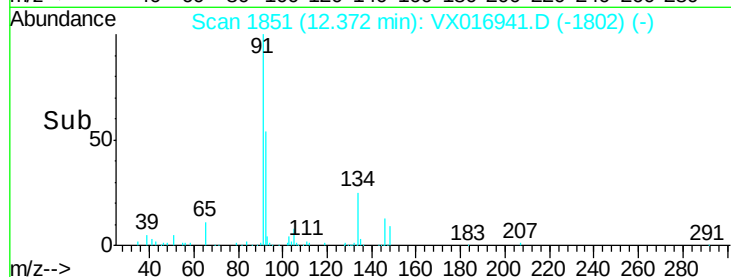
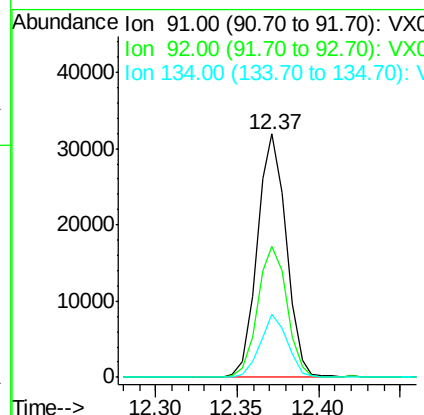
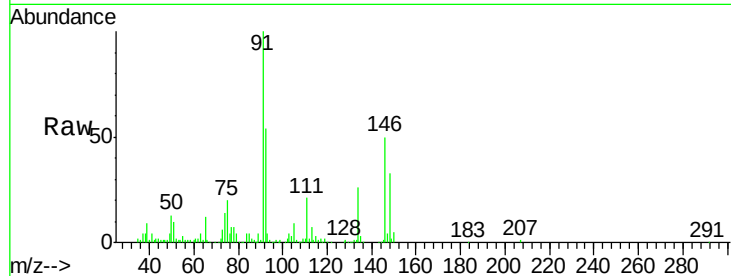




#89
n-Butylbenzene
Concen: 5.504 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. -0.00 min
Lab File: VX016941.D
Acq: 24 Jun 2020 11:16

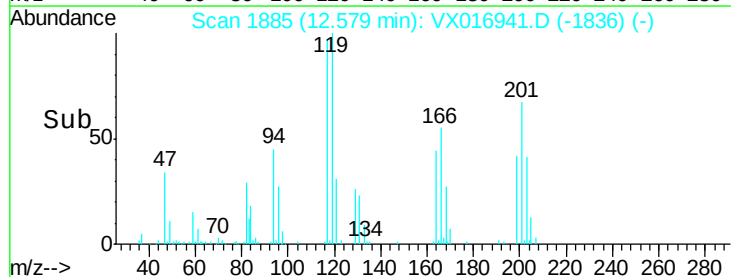
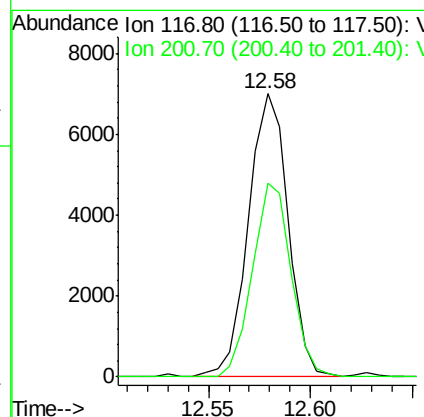
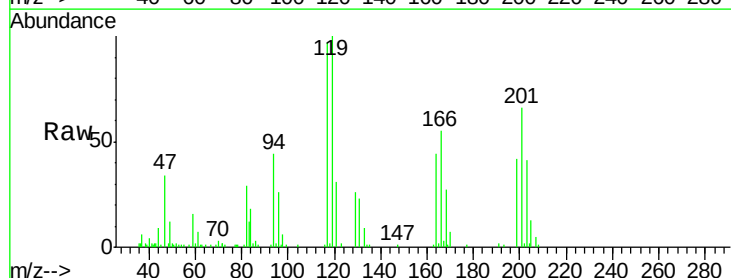
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

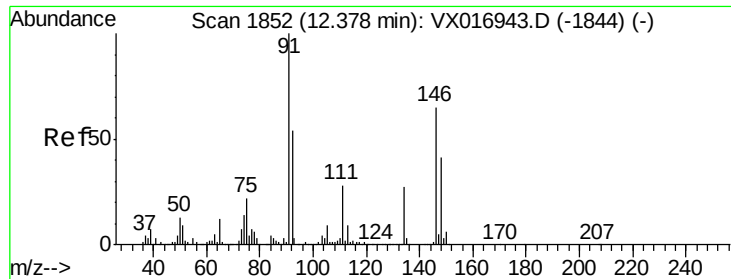
Tot Ion: 91 Resp: 39625
Ion Ratio Lower Upper
91 100
92 54.2 26.9 80.7
134 24.2 12.4 37.4



#90
Hexachloroethane
Concen: 6.289 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX016941.D
Acq: 24 Jun 2020 11:16

Tgt Ion: 117 Resp: 9464
Ion Ratio Lower Upper
117 100
201 66.9 31.9 95.9

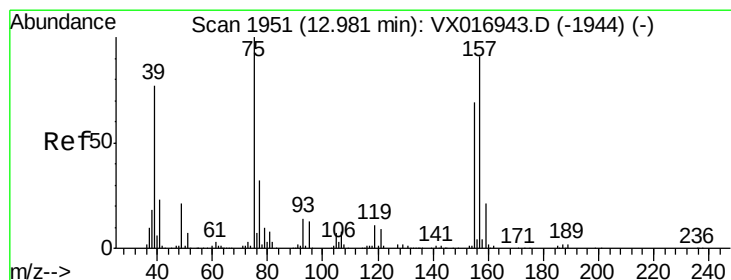
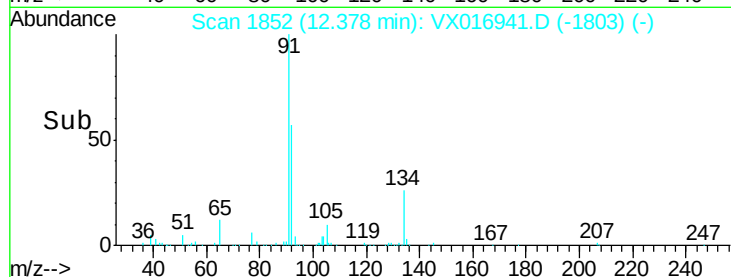
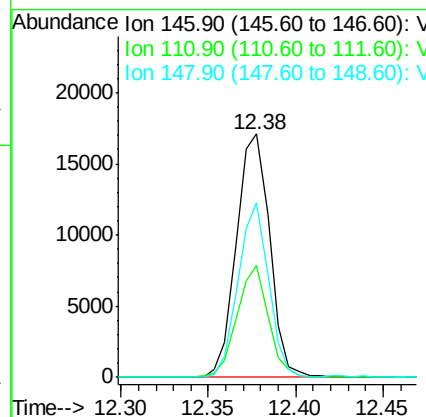
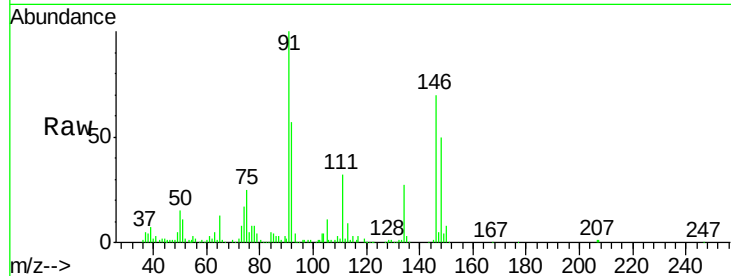




#91
 1,2-Dichlorobenzene
 Concen: 5.202 ug/l
 RT: 12.38 min Scan# 1852
 Delta R.T. -0.00 min
 Lab File: VX016941.D
 Acq: 24 Jun 2020 11:16

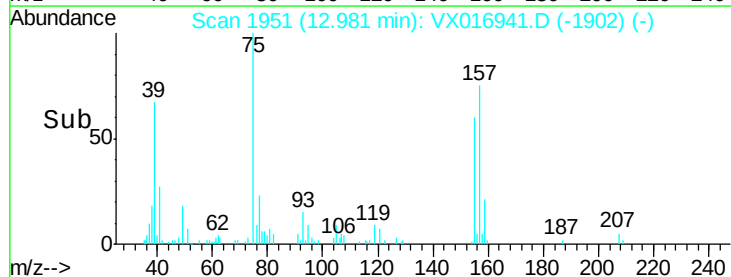
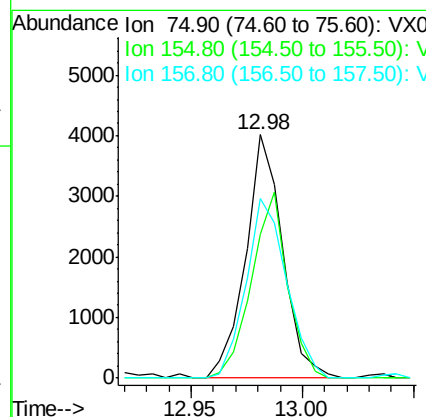
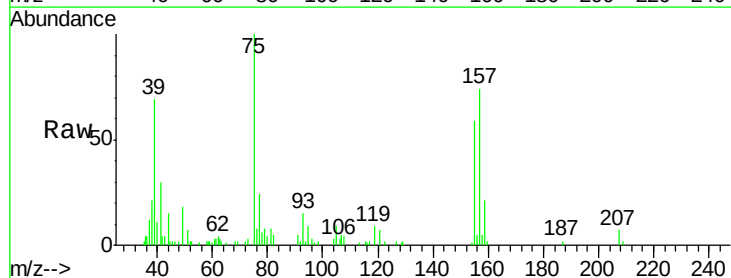
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

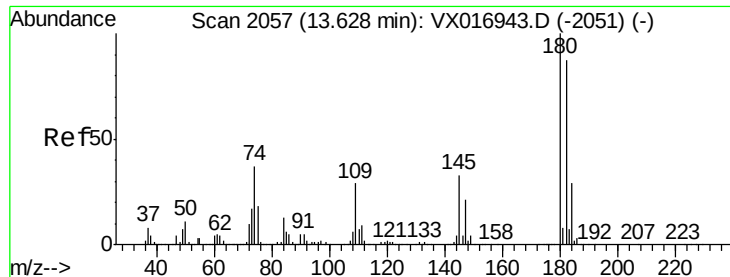
Tot Ion:146 Resp: 22603
 Ion Ratio Lower Upper
 146 100
 111 43.4 21.5 64.5
 148 66.0 31.4 94.3



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 7.447 ug/l
 RT: 12.98 min Scan# 1951
 Delta R.T. -0.00 min
 Lab File: VX016941.D
 Acq: 24 Jun 2020 11:16

Tgt Ion: 75 Resp: 4651
 Ion Ratio Lower Upper
 75 100
 155 74.5 38.6 115.8
 157 81.0 48.6 145.8

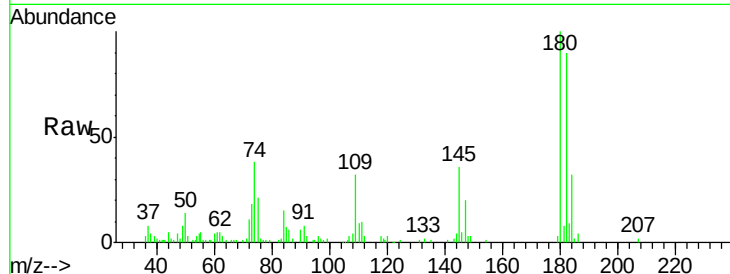




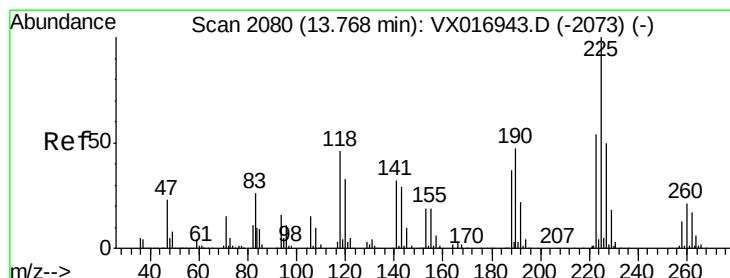
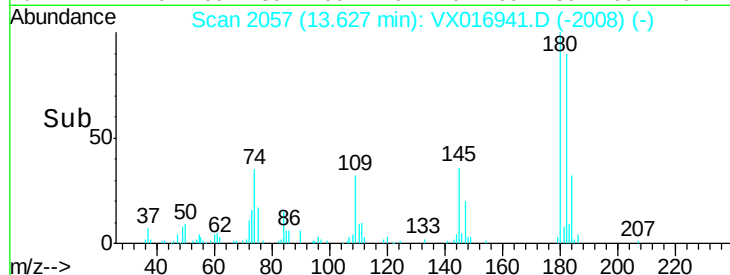
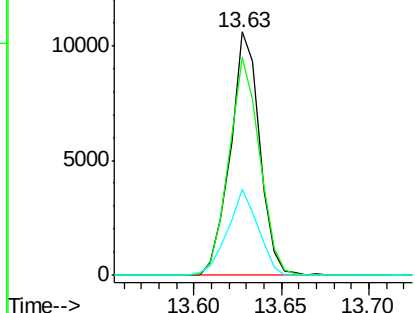
#93
 1,2,4-Trichlorobenzene
 Concen: 4.408 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. -0.00 min
 Lab File: VX016941.D
 Acq: 24 Jun 2020 11:16

Instrument :
 MSVOA_X
 ClientSampled :
 VSTDIC005

Tot Ion	Ratio	Lower	Upper
180	100		
182	93.6	46.0	137.8
145	36.6	16.4	49.1

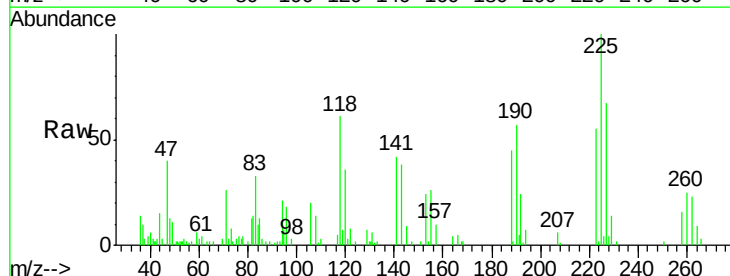


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

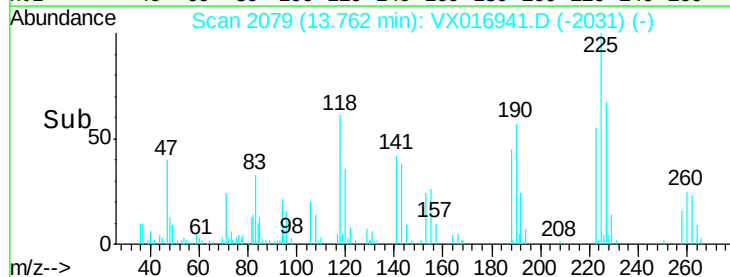
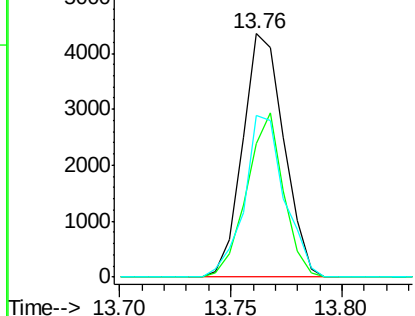


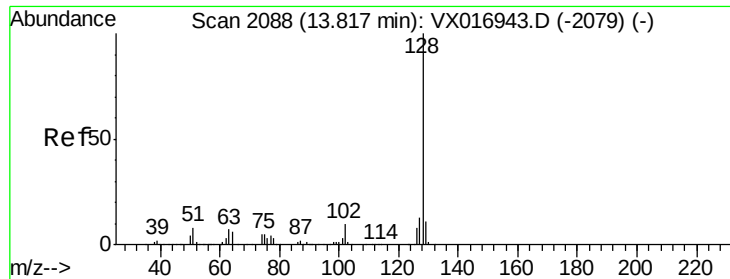
#94
 Hexachlorobutadiene
 Concen: 4.505 ug/l
 RT: 13.76 min Scan# 2079
 Delta R.T. -0.01 min
 Lab File: VX016941.D
 Acq: 24 Jun 2020 11:16

Tgt Ion	Ratio	Lower	Upper
225	100		
223	59.8	30.4	91.2
227	64.5	29.8	89.3



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V

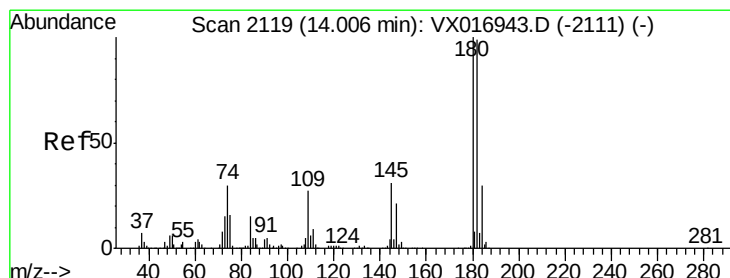
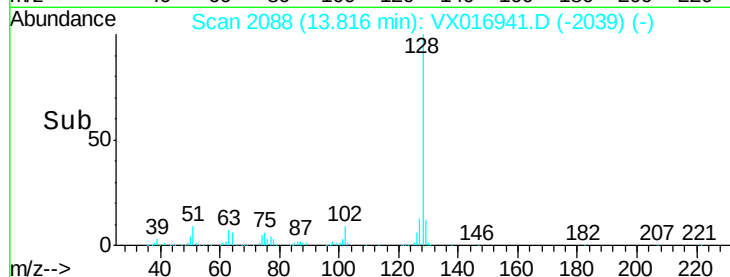
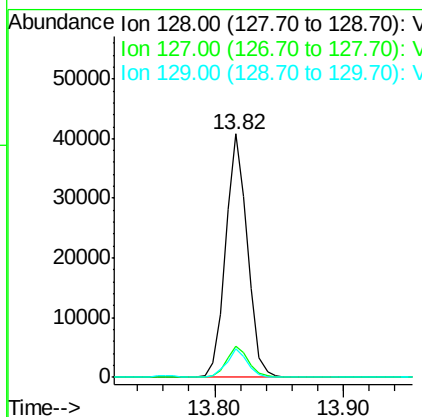
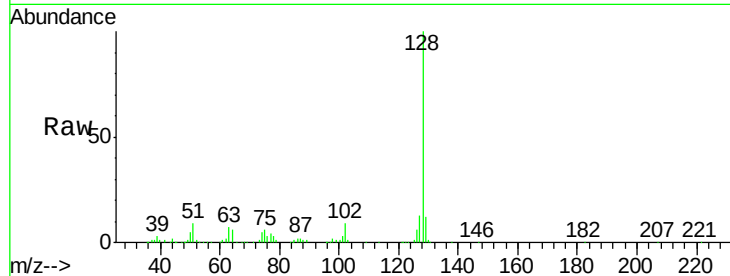




#95
Naphthalene
Concen: 5.670 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. -0.00 min
Lab File: VX016941.D
Acq: 24 Jun 2020 11:16

Instrument :
MSVOA_X
ClientSampled :
VSTDIC005

Tot Ion:128 Resp: 48552
Ion Ratio Lower Upper
128 100
127 13.0 10.4 15.6
129 11.2 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 5.322 ug/l
RT: 14.01 min Scan# 2119
Delta R.T. -0.00 min
Lab File: VX016941.D
Acq: 24 Jun 2020 11:16

Tgt Ion:180 Resp: 14784
Ion Ratio Lower Upper
180 100
182 92.4 47.6 142.9
145 35.4 17.0 51.0

