

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062620\
 Data File : VX016961.D
 Acq On : 25 Jun 2020 18:29
 Operator : JC/SP
 Sample : VSTDIC001
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Quant Time: Jun 26 08:17:08 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X062620W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 26 08:15:40 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	203117	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	349933	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	319919	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	150073	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.04	65	4292	1.48	ug/l	0.00
Spiked Amount			Recovery	=	2.96%	
35) Dibromofluoromethane	5.47	113	3104	1.58	ug/l	0.00
Spiked Amount			Recovery	=	3.16%	
50) Toluene-d8	8.70	98	9665	1.18	ug/l	0.00
Spiked Amount			Recovery	=	2.36%	
62) 4-Bromofluorobenzene	11.12	95	3626	1.10	ug/l	0.00
Spiked Amount			Recovery	=	2.20%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.18	85	1928	0.898	ug/l	94
3) Chloromethane	1.32	50	2394	1.029	ug/l	92
4) Vinyl Chloride	1.39	62	2637	0.923	ug/l	99
5) Bromomethane	1.64	94	2741	2.317	ug/l	87
6) Chloroethane	1.72	64	1933	1.110	ug/l	92
7) Trichlorofluoromethane	1.92	101	3862	1.083	ug/l #	78
8) Diethyl Ether	2.17	74	1878	1.156	ug/l	86
9) 1,1,2-Trichlorotrifluoroet	2.37	101	2378	1.085	ug/l	96
10) Methyl Iodide	2.50	142	1889	0.786	ug/l	95
11) Tert butyl alcohol	3.01	59	3064	5.029	ug/l #	87
12) 1,1-Dichloroethene	2.36	96	2280	0.999	ug/l	81
13) Acrolein	2.27	56	1934	4.895	ug/l #	73
14) Allyl chloride	2.71	41	4030	0.988	ug/l	89
15) Acrylonitrile	3.12	53	6828	5.120	ug/l	91
16) Acetone	2.42	43	5965	5.469	ug/l	97
17) Carbon Disulfide	2.55	76	8460	1.210	ug/l #	94
18) Methyl Acetate	2.75	43	3159	0.994	ug/l	99
19) Methyl tert-butyl Ether	3.17	73	7193	0.882	ug/l	97
20) Methylene Chloride	2.84	84	3137	1.188	ug/l #	92
21) trans-1,2-Dichloroethene	3.15	96	2831	1.113	ug/l	87
22) Diisopropyl ether	3.83	45	7149	0.888	ug/l #	96
23) Vinyl Acetate	3.79	43	28393	4.265	ug/l	98
24) 1,1-Dichloroethane	3.67	63	4627	1.013	ug/l #	85
25) 2-Butanone	4.64	43	8286	4.719	ug/l	96
26) 2,2-Dichloropropane	4.56	77	3738	0.938	ug/l	92
27) cis-1,2-Dichloroethene	4.56	96	2932	1.022	ug/l	96
28) Bromochloromethane	4.98	49	1822	0.901	ug/l #	81
29) Tetrahydrofuran	5.10	42	5355	4.608	ug/l	93
30) Chloroform	5.18	83	4548	1.004	ug/l	96
31) Cyclohexane	5.54	56	3391	0.802	ug/l #	85
32) 1,1,1-Trichloroethane	5.46	97	4070	0.995	ug/l #	46
36) 1,1-Dichloropropene	5.77	75	3646	1.084	ug/l #	90
37) Ethyl Acetate	4.80	43	3474	1.015	ug/l #	85
38) Carbon Tetrachloride	5.76	117	3474	1.099	ug/l #	90

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 Misc : 5.0mL/MSVOA X/WATER
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Instrument :
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 VSTDIC001

Quant Time: Jun 26 08:17:08 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X062620W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 26 08:15:40 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

39) Methylcyclohexane	7.44	83	3859	0.960	ug/l	91
40) Benzene	6.11	78	9670	0.989	ug/l	100
41) Methacrylonitrile	5.00	41	2027	1.051	ug/l #	94
42) 1,2-Dichloroethane	6.16	62	3750	1.071	ug/l	90
43) Isopropyl Acetate	6.42	43	5973	1.063	ug/l #	90
44) Trichloroethene	7.20	130	2766	0.939	ug/l	100
45) 1,2-Dichloropropane	7.49	63	2842	1.131	ug/l #	82
46) Dibromomethane	7.64	93	1703	1.011	ug/l	87
47) Bromodichloromethane	7.87	83	3668	1.063	ug/l	92
48) Methyl methacrylate	7.75	41	2623	0.950	ug/l	95
49) 1,4-Dioxane	7.73	88	1301	21.574	ug/l #	77
51) 4-Methyl-2-Pentanone	8.62	43	14108	4.286	ug/l	99
52) Toluene	8.76	92	5709	0.922	ug/l	100
53) t-1,3-Dichloropropene	9.03	75	3446	0.843	ug/l	91
54) cis-1,3-Dichloropropene	8.42	75	3981	0.932	ug/l #	84
55) 1,1,2-Trichloroethane	9.20	97	2365	0.956	ug/l #	91
56) Ethyl methacrylate	9.16	69	2947	0.744	ug/l #	92
57) 1,3-Dichloropropane	9.35	76	4122	0.974	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.29	63	7719	3.917	ug/l	94
59) 2-Hexanone	9.48	43	11108	4.450	ug/l	100
60) Dibromochloromethane	9.57	129	2741	1.091	ug/l	90
61) 1,2-Dibromoethane	9.65	107	2620	1.019	ug/l	91
64) Tetrachloroethene	9.32	164	2139	0.709	ug/l	87
65) Chlorobenzene	10.12	112	6484	1.018	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	2163	0.947	ug/l #	61
67) Ethyl Benzene	10.23	91	10382	0.884	ug/l	100
68) m/p-Xylenes	10.34	106	7310	1.695	ug/l	98
69) o-Xylene	10.68	106	3450	0.823	ug/l	98
70) Styrene	10.70	104	5360	0.743	ug/l	96
71) Bromoform	10.84	173	1635	1.023	ug/l #	94
73) Isopropylbenzene	11.00	105	8795	0.797	ug/l	94
74) N-amyl acetate	10.88	43	3710	0.760	ug/l #	86
75) 1,1,2,2-Tetrachloroethane	11.25	83	3479	1.309	ug/l	100
76) 1,2,3-Trichloropropane	11.28	75	4120	1.280	ug/l	99
77) Bromobenzene	11.24	156	2747	1.078	ug/l	90
78) n-propylbenzene	11.34	91	10884	0.834	ug/l	99
79) 2-Chlorotoluene	11.40	91	6779	0.882	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	6834	0.729	ug/l	94
81) trans-1,4-Dichloro-2-buten	11.05	75	1184	0.849	ug/l	87
82) 4-Chlorotoluene	11.49	91	7610	0.828	ug/l	92
83) tert-Butylbenzene	11.76	119	7186	0.888	ug/l	96
84) 1,2,4-Trimethylbenzene	11.79	105	6935	0.720	ug/l	98
85) sec-Butylbenzene	11.93	105	8034	0.744	ug/l	99
86) p-Isopropyltoluene	12.05	119	7309	0.742	ug/l	83
87) 1,3-Dichlorobenzene	12.01	146	4934	1.053	ug/l	100
88) 1,4-Dichlorobenzene	12.01	146	4934	1.024	ug/l	98
89) n-Butylbenzene	12.37	91	7992	0.864	ug/l	94
90) Hexachloroethane	12.58	117	1903	1.187	ug/l	87
91) 1,2-Dichlorobenzene	12.38	146	4622	1.027	ug/l	96
92) 1,2-Dibromo-3-Chloropropan	12.98	75	807	1.008	ug/l	93

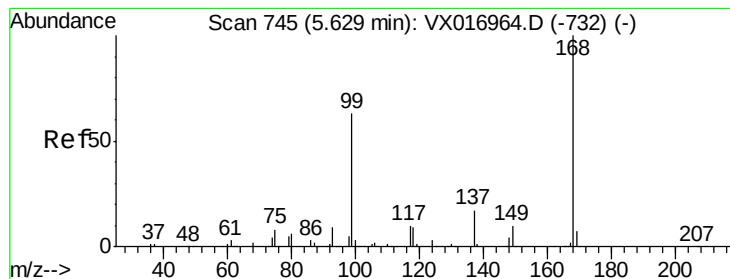
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062620\
Data File : VX016961.D
Acq On : 25 Jun 2020 18:29
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Sample : VSTDICC001
Misc : 5.0mL/MSVOA X/WATER
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Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Quant Time: Jun 26 08:17:08 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X062620W.M
Quant Title : SW846 8260
QLast Update : Fri Jun 26 08:15:40 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	3148	1.078	ug/l	93
94) Hexachlorobutadiene	13.77	225	1220	1.183	ug/l	98
95) Naphthalene	13.82	128	8546	0.818	ug/l	99
96) 1,2,3-Trichlorobenzene	14.00	180	2751	0.992	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: VX016961.D

Acq: 25 Jun 2020 18:29

Instrument :

MSVOA_X

ClientSampleId :

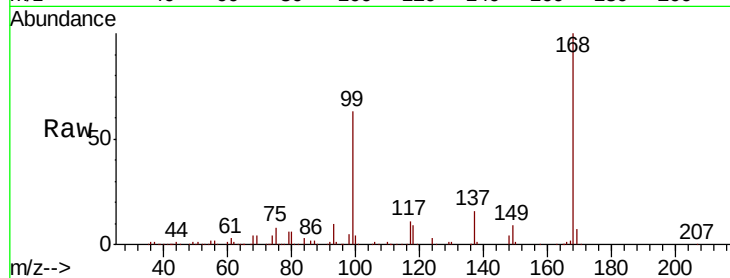
VSTDIC001

Tot Ion:168 Resp: 203117

Ion Ratio Lower Upper

168 100

99 62.9 50.2 75.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.63

80000

60000

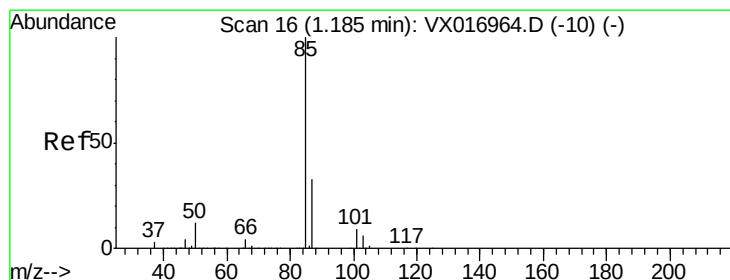
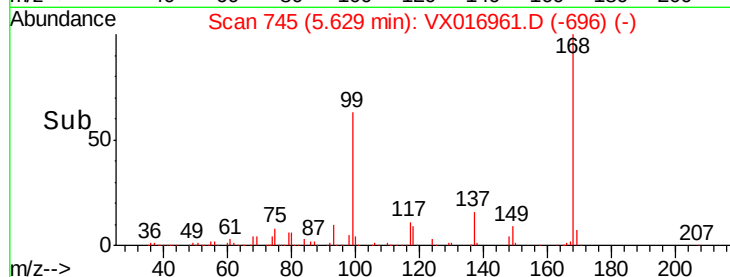
40000

20000

0

Time-->

5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 0.898 ug/l

RT: 1.18 min Scan# 16

Delta R.T. -0.00 min

Lab File: VX016961.D

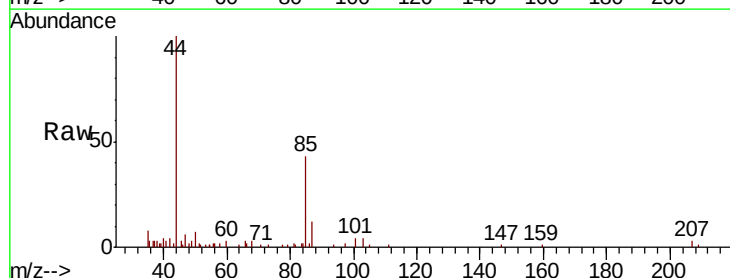
Acq: 25 Jun 2020 18:29

Tgt Ion: 85 Resp: 1928

Ion Ratio Lower Upper

85 100

87 29.0 16.3 48.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.18

2000

1500

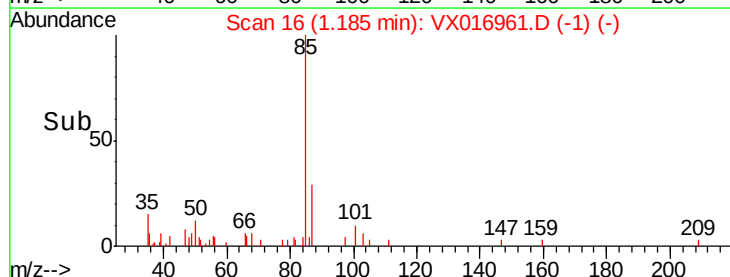
1000

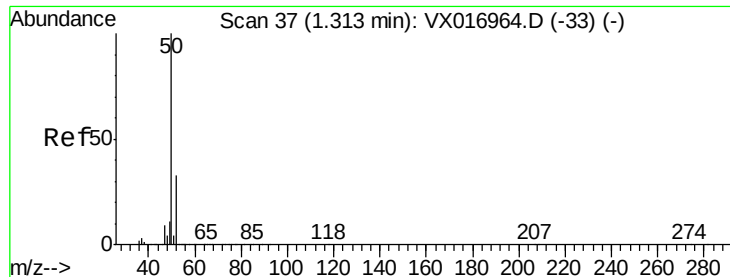
500

0

Time-->

1.15 1.20 1.25





#3

Chloromethane

Concen: 1.029 ug/l

RT: 1.32 min Scan# 38

Delta R.T. 0.01 min

Lab File: VX016961.D

Acq: 25 Jun 2020 18:29

Instrument :

MSVOA_X

ClientSampleId :

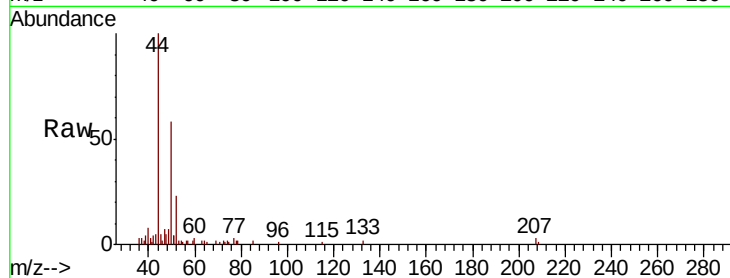
VSTDIC001

Tot Ion: 50 Resp: 2394

Ion Ratio Lower Upper

50 100

52 37.6 26.6 40.0



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

1.32

2500

2000

1500

1000

500

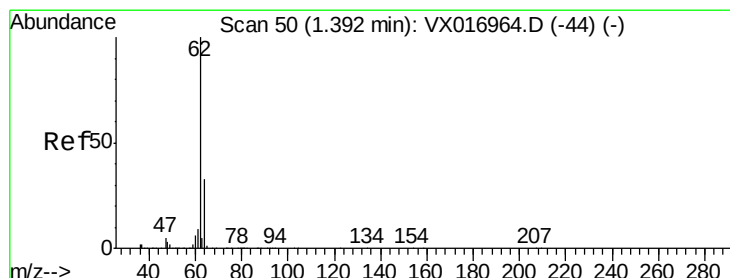
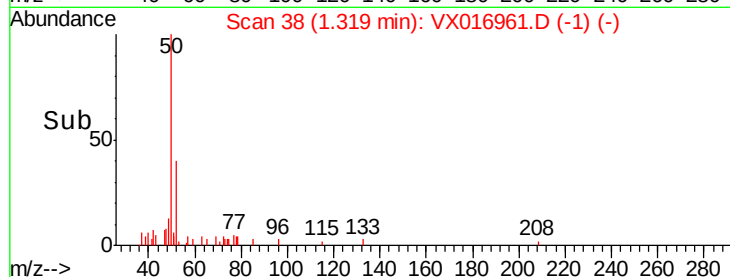
0

Time-->

1.25

1.30

1.35



#4

Vinyl Chloride

Concen: 0.923 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX016961.D

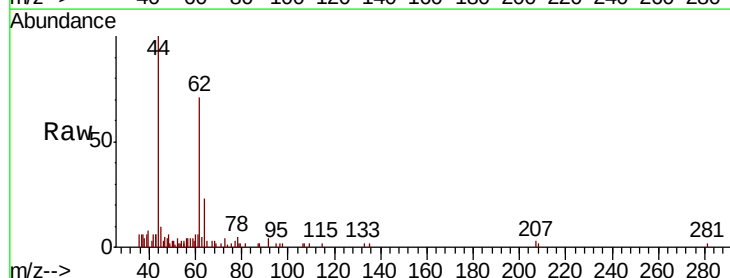
Acq: 25 Jun 2020 18:29

Tgt Ion: 62 Resp: 2637

Ion Ratio Lower Upper

62 100

64 32.1 26.3 39.5



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0

1.39

2500

2000

1500

1000

500

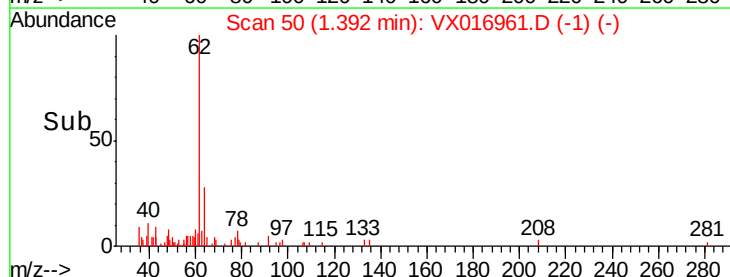
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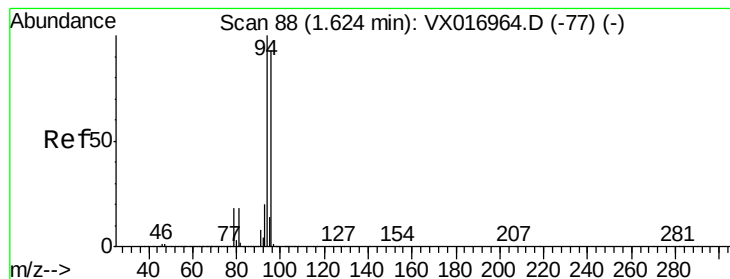
Time-->

1.35

1.40

1.45





#5

Bromomethane

Concen: 2.317 ug/l

RT: 1.64 min Scan# 90

Delta R.T. 0.01 min

Lab File: VX016961.D

Acq: 25 Jun 2020 18:29

Instrument :

MSVOA_X

ClientSampleId :

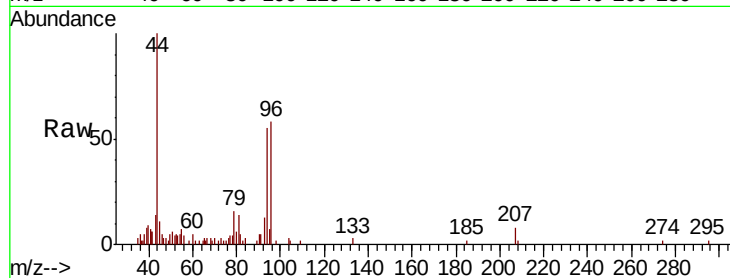
VSTDIC001

Tot Ion: 94 Resp: 2741

Ion Ratio Lower Upper

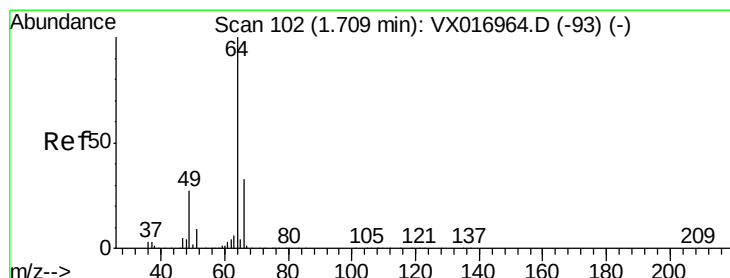
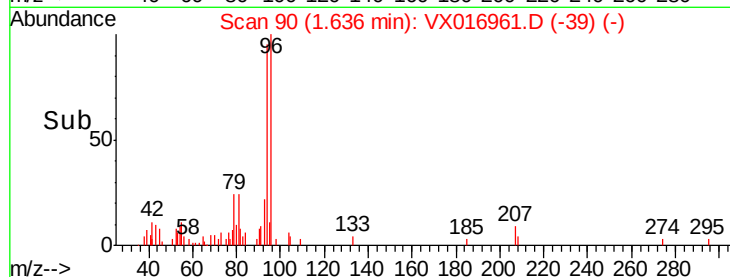
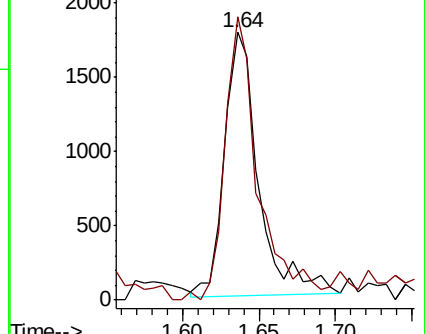
94 100

96 105.3 74.2 111.2



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 1.110 ug/l

RT: 1.72 min Scan# 103

Delta R.T. 0.01 min

Lab File: VX016961.D

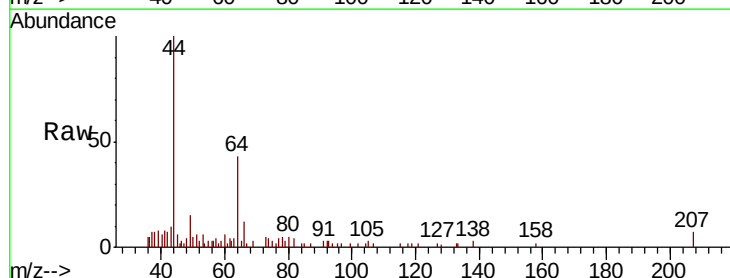
Acq: 25 Jun 2020 18:29

Tgt Ion: 64 Resp: 1933

Ion Ratio Lower Upper

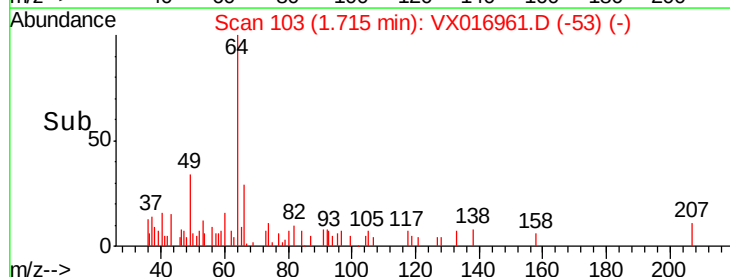
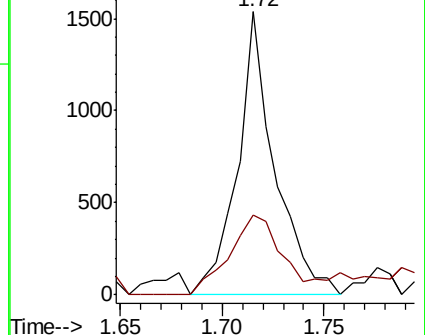
64 100

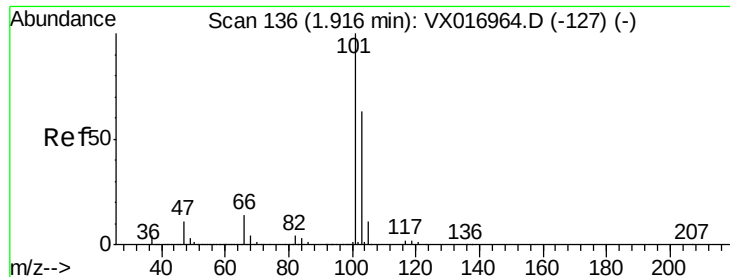
66 28.4 26.2 39.2



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



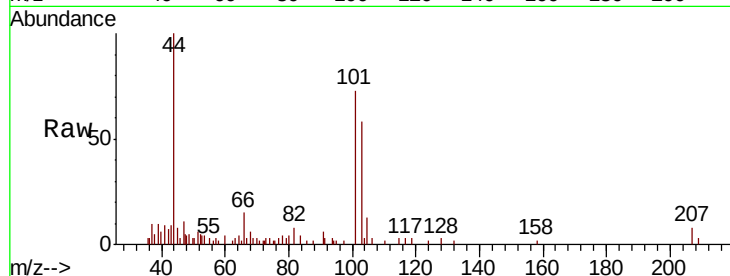


#7

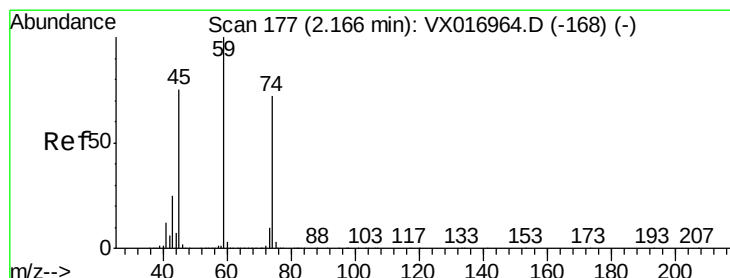
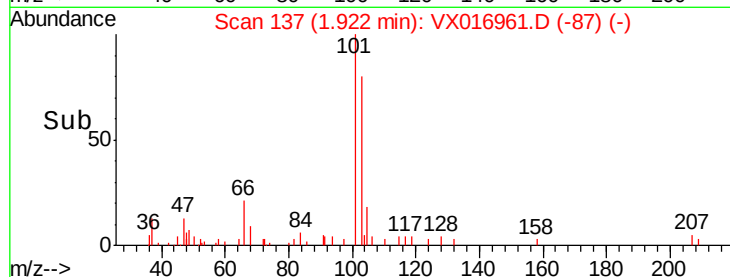
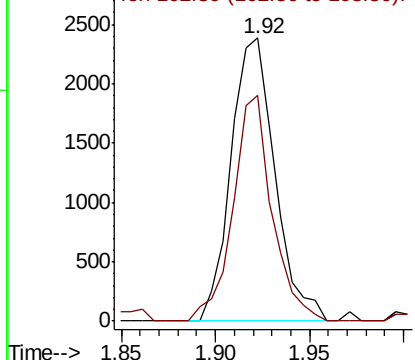
Trichlorofluoromethane
 Concen: 1.083 ug/l
 RT: 1.92 min Scan# 137
 Delta R.T. 0.01 min
 Lab File: VX016961.D
 Acq: 25 Jun 2020 18:29

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Tot Ion:101 Resp: 3862
 Ion Ratio Lower Upper
 101 100
 103 79.8 50.2 75.4#



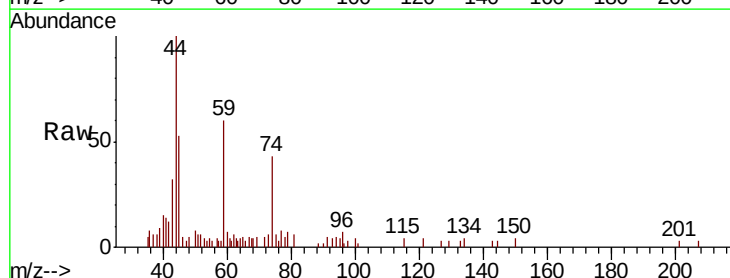
Abundance Ion 100.90 (100.60 to 101.60): V
 Ion 102.80 (102.50 to 103.50): V



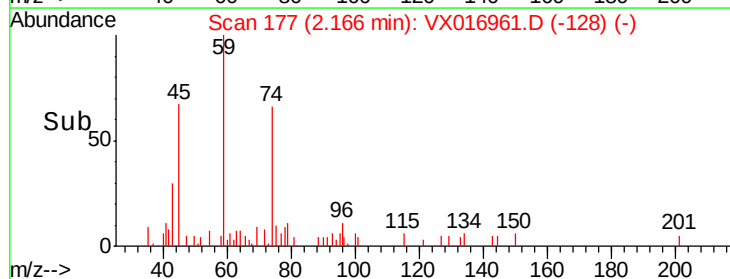
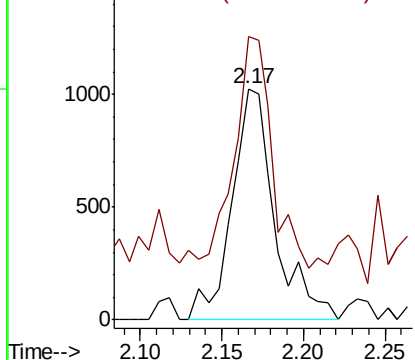
#8

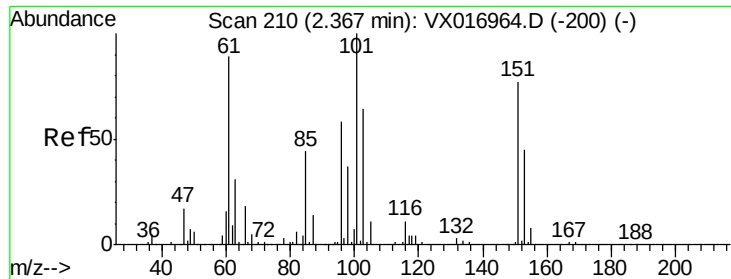
Diethyl Ether
 Concen: 1.156 ug/l
 RT: 2.17 min Scan# 177
 Delta R.T. -0.00 min
 Lab File: VX016961.D
 Acq: 25 Jun 2020 18:29

Tgt Ion: 74 Resp: 1878
 Ion Ratio Lower Upper
 74 100
 45 87.0 50.5 151.5



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: 1.085 ug/l

RT: 2.37 min Scan# 210

Delta R.T. -0.00 min

Lab File: VX016961.D

Acq: 25 Jun 2020 18:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

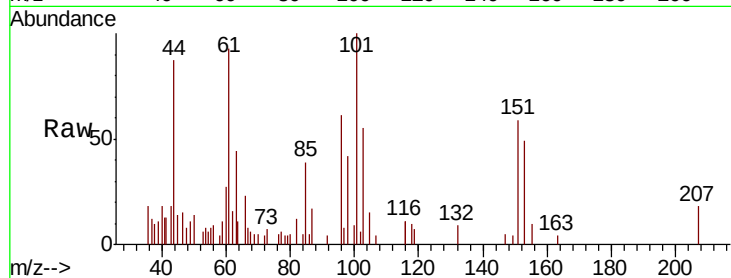
Tot Ion:101 Resp: 2378

Ion Ratio Lower Upper

101 100

85 51.4 36.8 55.2

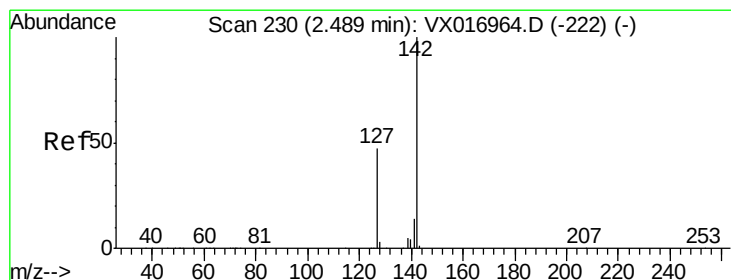
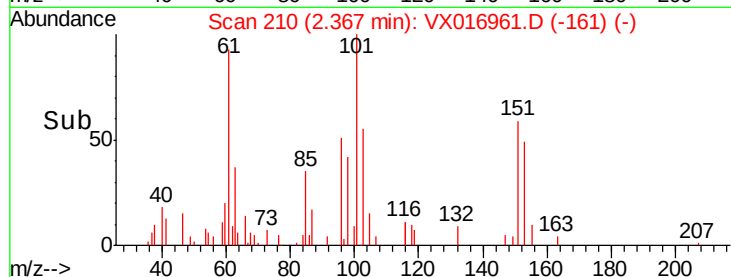
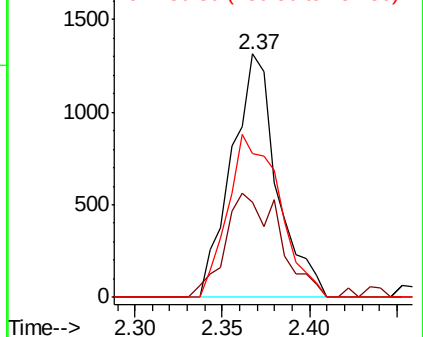
151 76.0 59.8 89.6



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: 0.786 ug/l

RT: 2.50 min Scan# 231

Delta R.T. 0.01 min

Lab File: VX016961.D

Acq: 25 Jun 2020 18:29

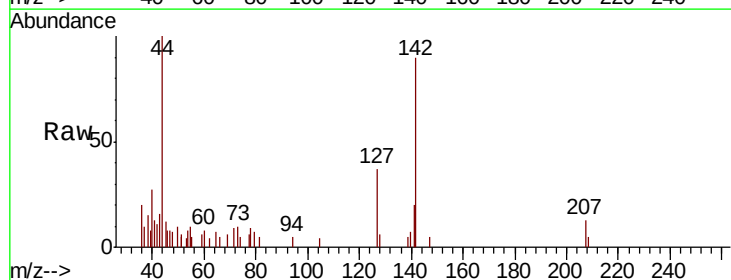
Tgt Ion:142 Resp: 1889

Ion Ratio Lower Upper

142 100

127 49.8 37.4 56.0

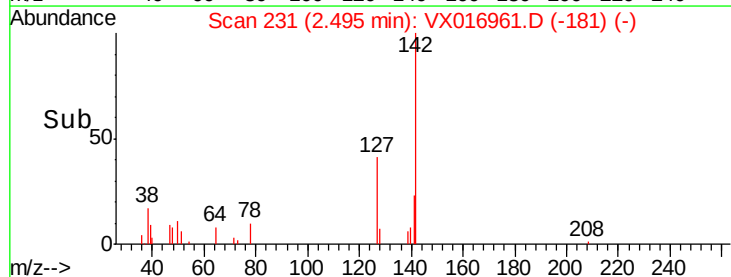
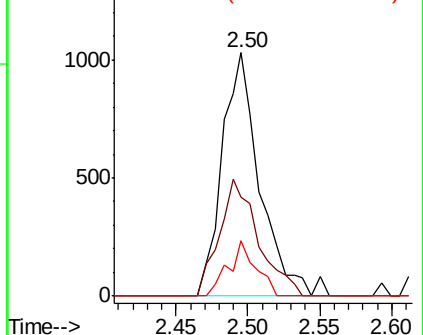
141 16.5 11.7 17.5

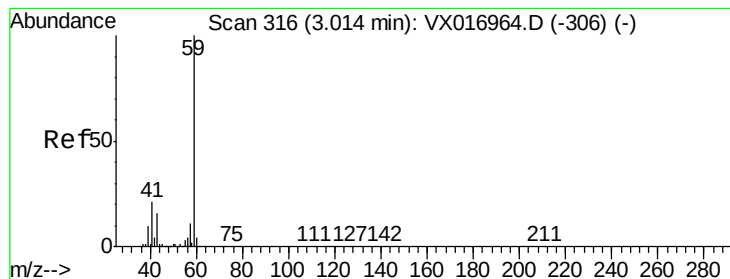


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



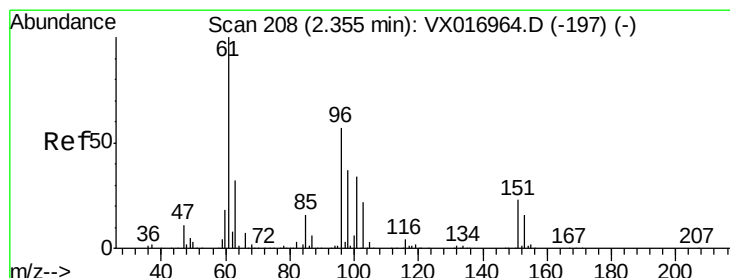
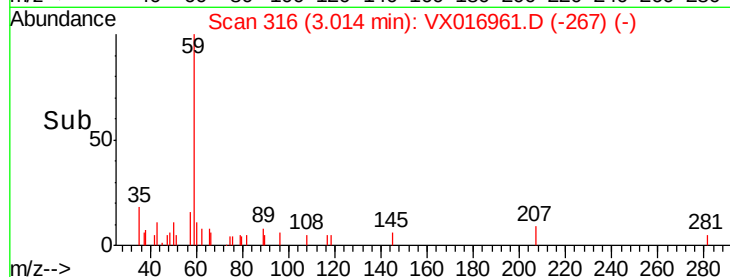
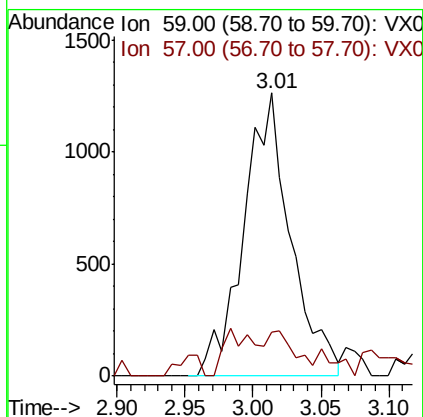
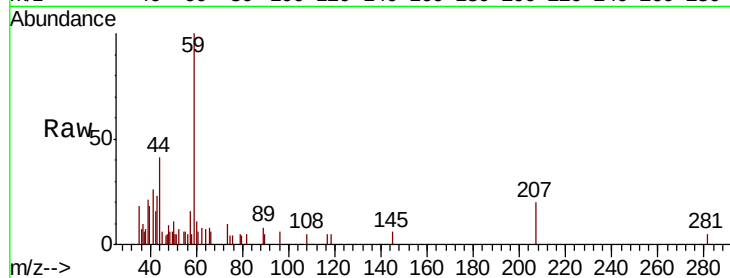


#11

Tert butyl alcohol
 Concen: 5.029 ug/l
 RT: 3.01 min Scan# 316
 Delta R.T. -0.00 min
 Lab File: VX016961.D
 Acq: 25 Jun 2020 18:29

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

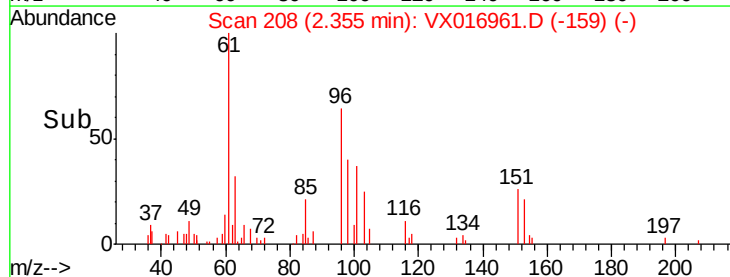
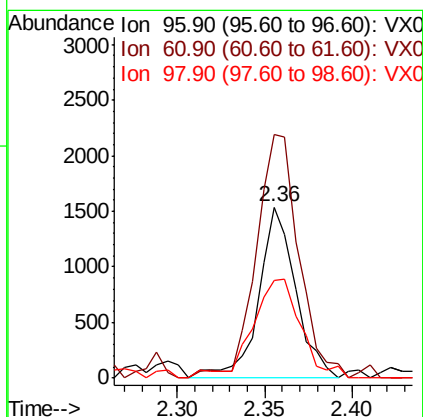
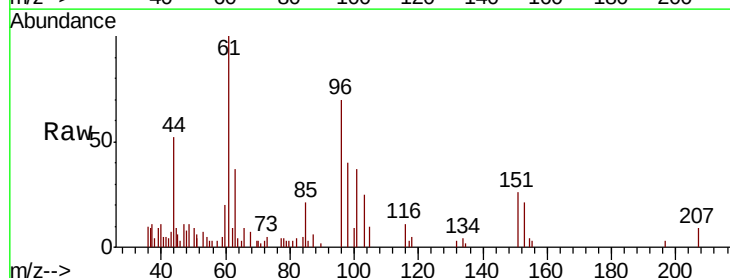
Tot Ion: 59 Resp: 3064
 Ion Ratio Lower Upper
 59 100
 57 5.7 8.5 12.7#

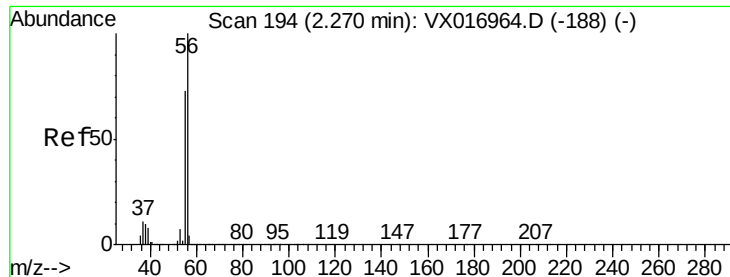


#12

1,1-Dichloroethene
 Concen: 0.999 ug/l
 RT: 2.36 min Scan# 208
 Delta R.T. -0.00 min
 Lab File: VX016961.D
 Acq: 25 Jun 2020 18:29

Tgt Ion: 96 Resp: 2280
 Ion Ratio Lower Upper
 96 100
 61 142.6 139.7 209.5
 98 57.0 51.0 76.6





#13

Acrolein

Concen: 4.895 ug/l

RT: 2.27 min Scan# 194

Delta R.T. -0.00 min

Lab File: VX016961.D

Acq: 25 Jun 2020 18:29

Instrument :

MSVOA_X

ClientSampleId :

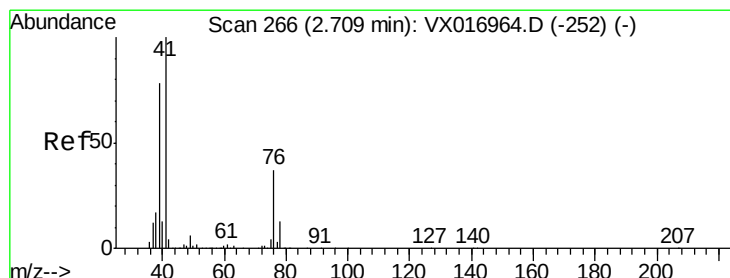
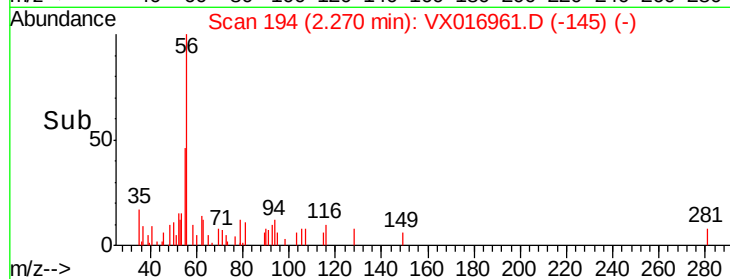
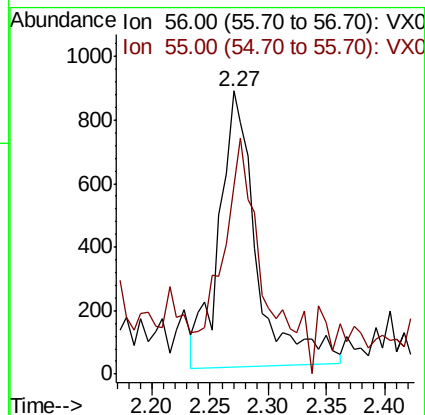
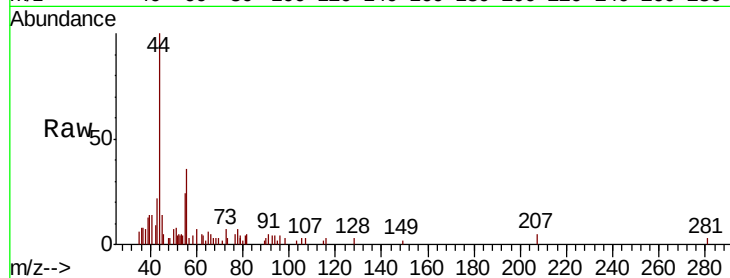
VSTDIC001

Tot Ion: 56 Resp: 1934

Ion Ratio Lower Upper

56 100

55 94.7 57.5 86.3#



#14

Allyl chloride

Concen: 0.988 ug/l

RT: 2.71 min Scan# 266

Delta R.T. -0.00 min

Lab File: VX016961.D

Acq: 25 Jun 2020 18:29

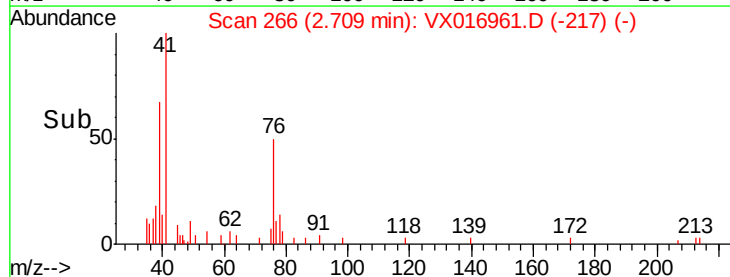
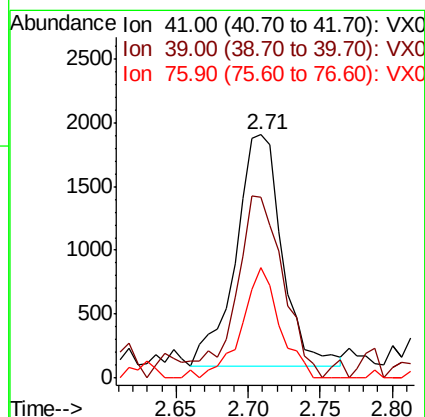
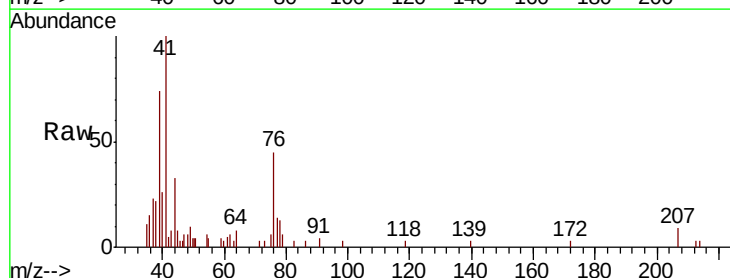
Tgt Ion: 41 Resp: 4030

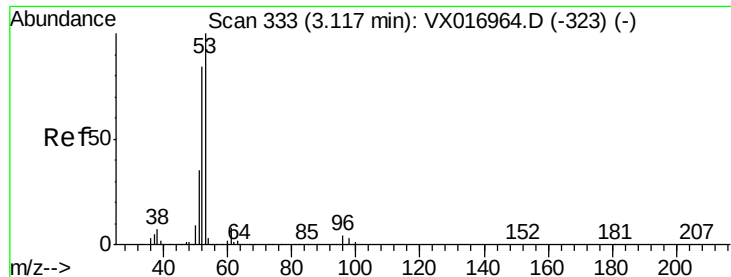
Ion Ratio Lower Upper

41 100

39 79.4 56.4 84.6

76 39.4 26.5 39.7





#15

Acrylonitrile

Concen: 5.120 ug/l

RT: 3.12 min Scan# 333

Delta R.T. -0.00 min

Lab File: VX016961.D

Acq: 25 Jun 2020 18:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

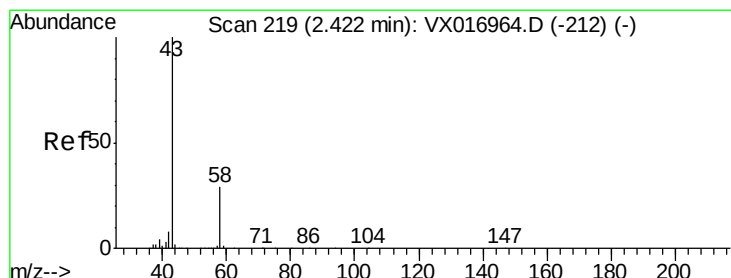
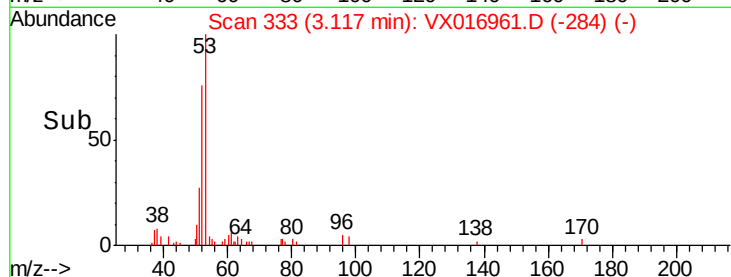
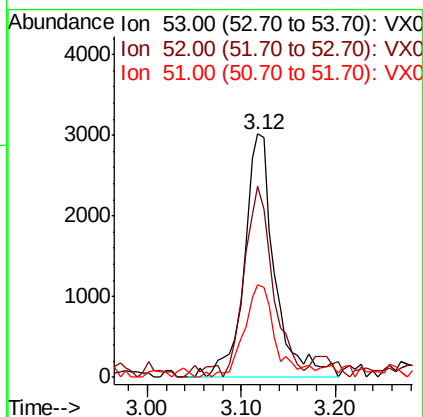
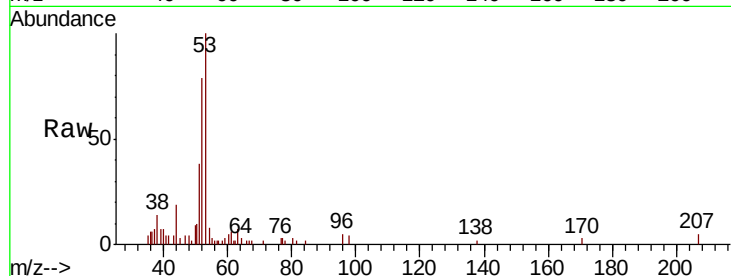
Tot Ion: 53 Resp: 6828

Ion Ratio Lower Upper

53 100

52 73.7 66.3 99.5

51 39.6 29.0 43.6



#16

Acetone

Concen: 5.469 ug/l

RT: 2.42 min Scan# 218

Delta R.T. -0.01 min

Lab File: VX016961.D

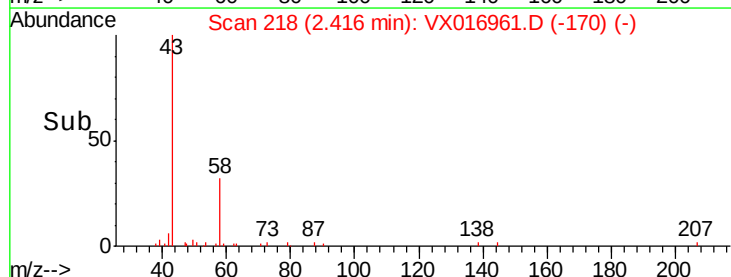
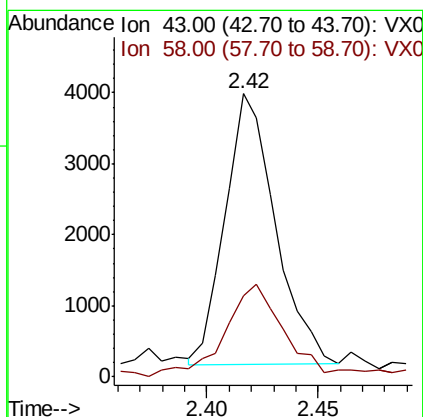
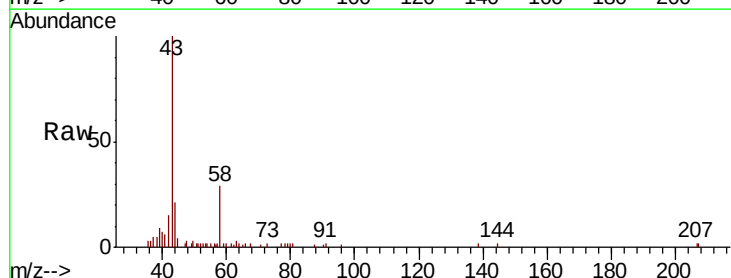
Acq: 25 Jun 2020 18:29

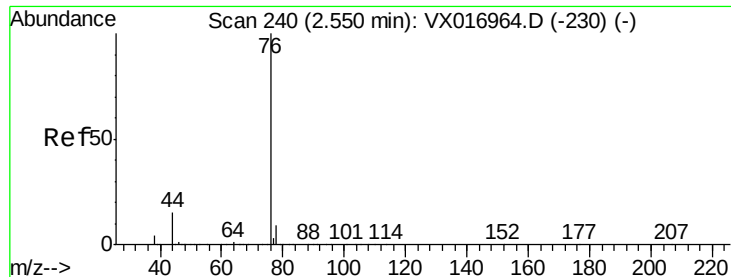
Tgt Ion: 43 Resp: 5965

Ion Ratio Lower Upper

43 100

58 27.6 23.5 35.3





#17

Carbon Disulfide

Concen: 1.210 ug/l

RT: 2.55 min Scan# 240

Delta R.T. -0.00 min

Lab File: VX016961.D

Acq: 25 Jun 2020 18:29

Instrument :

MSVOA_X

ClientSampled :

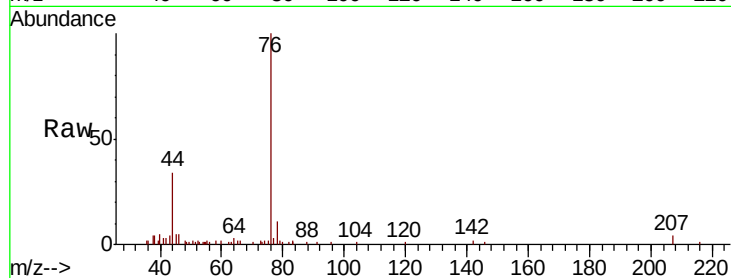
VSTDIC001

Tot Ion: 76 Resp: 8460

Ion Ratio Lower Upper

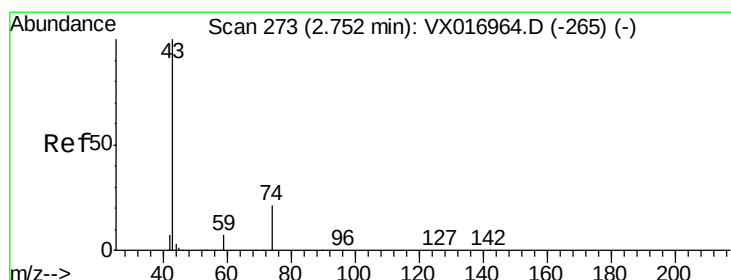
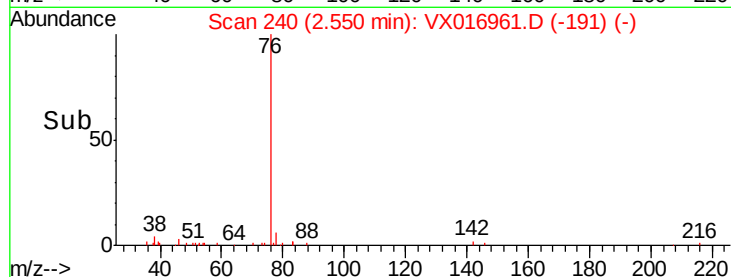
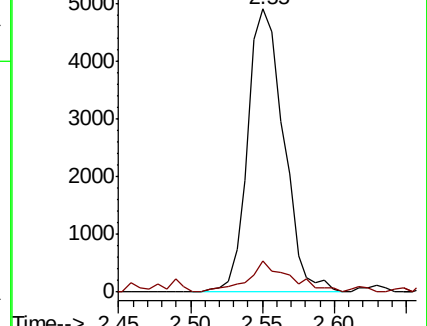
76 100

78 10.9 7.0 10.4#



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 0.994 ug/l

RT: 2.75 min Scan# 273

Delta R.T. -0.00 min

Lab File: VX016961.D

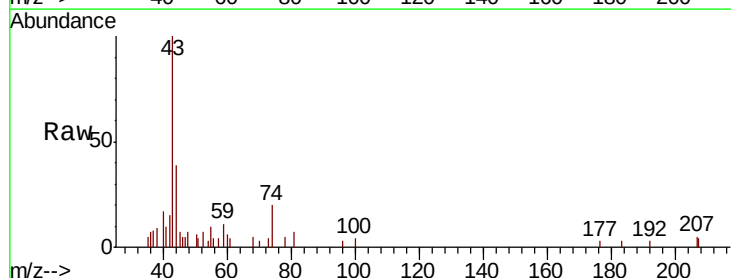
Acq: 25 Jun 2020 18:29

Tgt Ion: 43 Resp: 3159

Ion Ratio Lower Upper

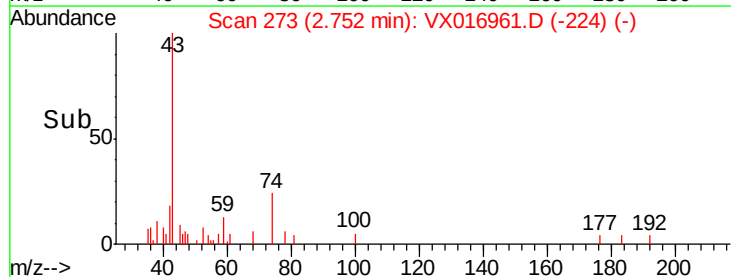
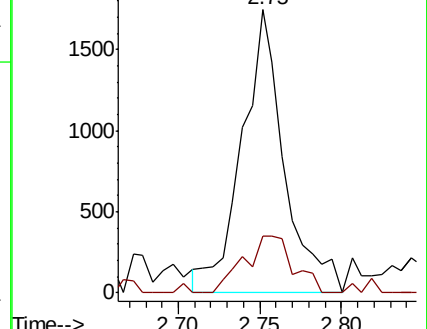
43 100

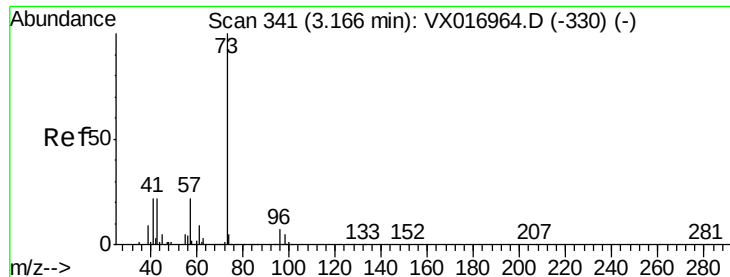
74 23.4 18.3 27.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0





#19

Methyl tert-butyl Ether

Concen: 0.882 ug/l

RT: 3.17 min Scan# 342

Delta R.T. 0.01 min

Lab File: VX016961.D

Acq: 25 Jun 2020 18:29

Instrument :

MSVOA_X

ClientSampleId :

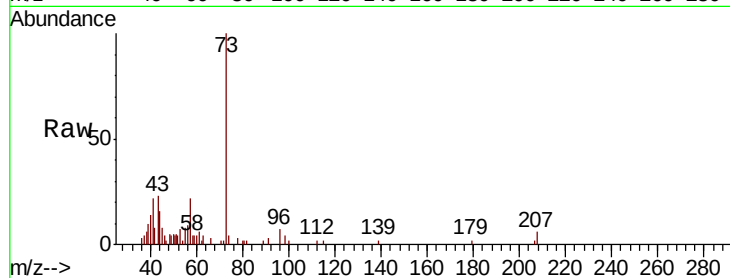
VSTDIC001

Tot Ion: 73 Resp: 7193

Ion Ratio Lower Upper

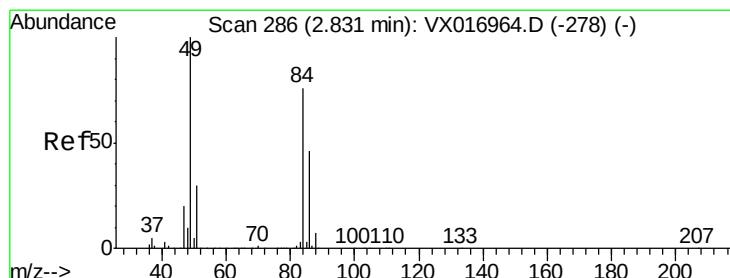
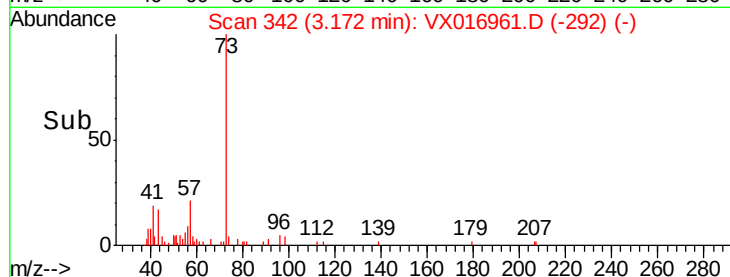
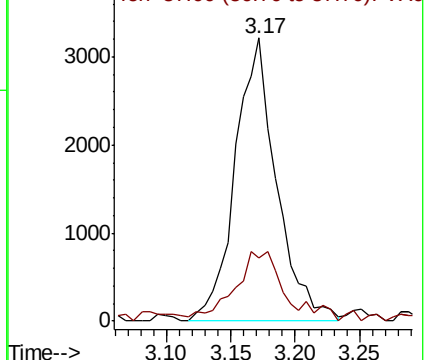
73 100

57 20.8 17.8 26.8



Abundance Ion 73.00 (72.70 to 73.70): VX0

Ion 57.00 (56.70 to 57.70): VX0



#20

Methylene Chloride

Concen: 1.188 ug/l

RT: 2.84 min Scan# 287

Delta R.T. 0.01 min

Lab File: VX016961.D

Acq: 25 Jun 2020 18:29

Tgt Ion: 84 Resp: 3137

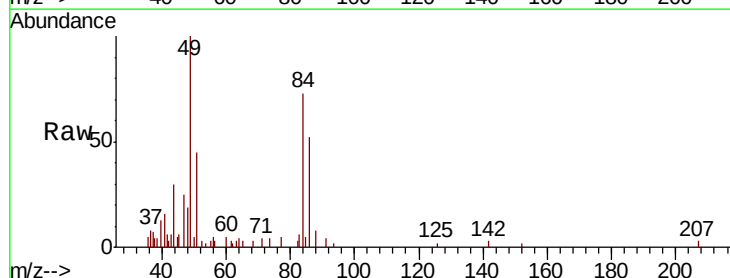
Ion Ratio Lower Upper

84 100

49 131.2 105.6 158.4

51 54.7 31.2 46.8#

86 71.5 48.8 73.2

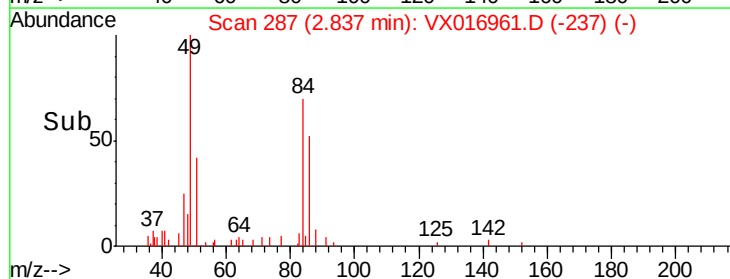
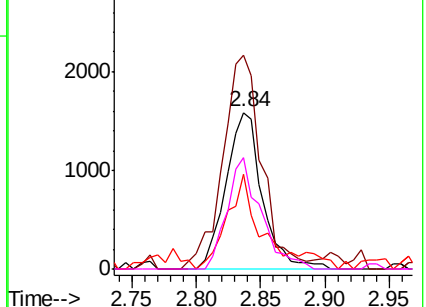


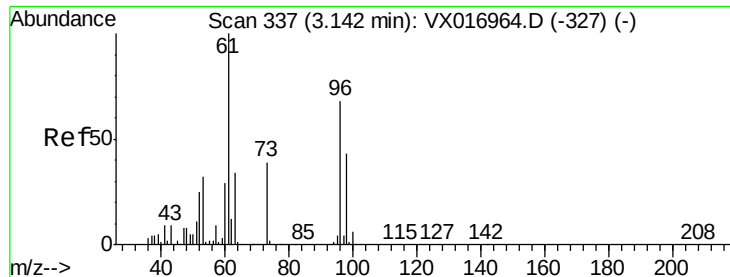
Abundance Ion 83.90 (83.60 to 84.60): VX0

Ion 48.90 (48.60 to 49.60): VX0

Ion 50.90 (50.60 to 51.60): VX0

Ion 85.90 (85.60 to 86.60): VX0





#21

trans-1,2-Dichloroethene

Concen: 1.113 ug/l

RT: 3.15 min Scan# 338

Delta R.T. 0.01 min

Lab File: VX016961.D

Acq: 25 Jun 2020 18:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

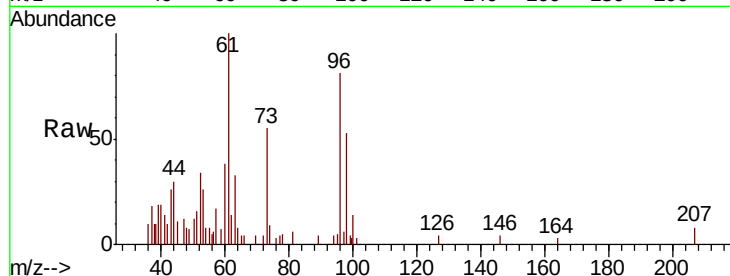
Tot Ion: 96 Resp: 2831

Ion Ratio Lower Upper

96 100

61 124.0 116.7 175.1

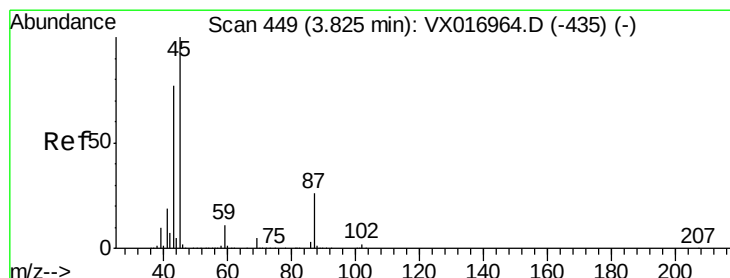
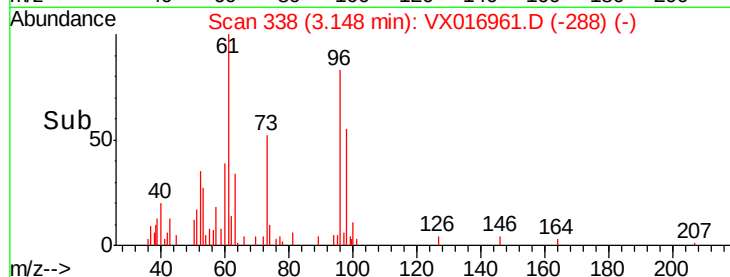
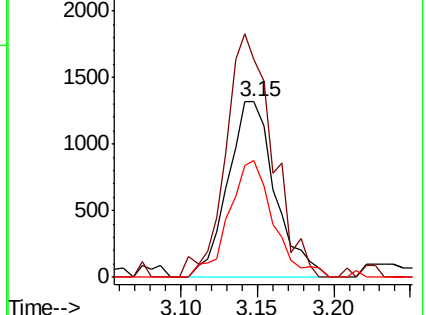
98 66.2 50.7 76.1



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: 0.888 ug/l

RT: 3.83 min Scan# 450

Delta R.T. 0.01 min

Lab File: VX016961.D

Acq: 25 Jun 2020 18:29

Tgt Ion: 45 Resp: 7149

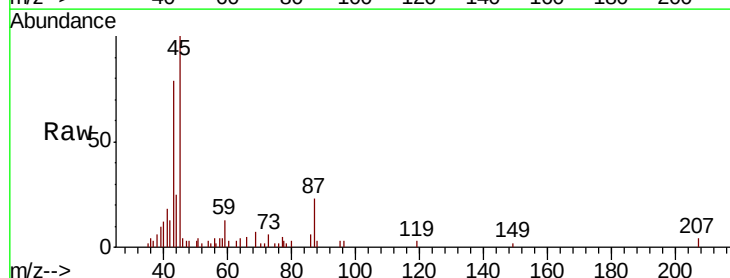
Ion Ratio Lower Upper

45 100

43 75.0 62.7 94.1

87 24.1 21.0 31.4

59 13.7 9.0 13.6#

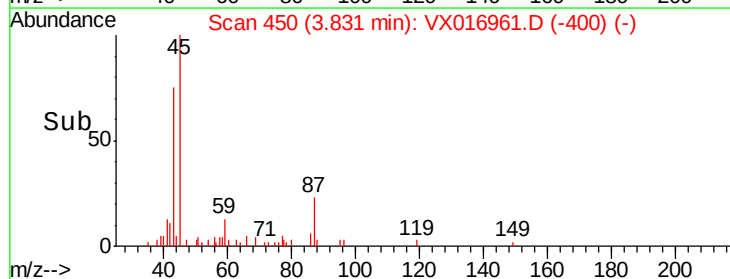
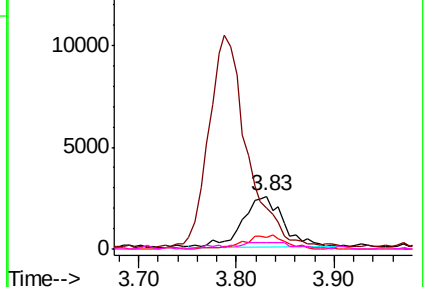


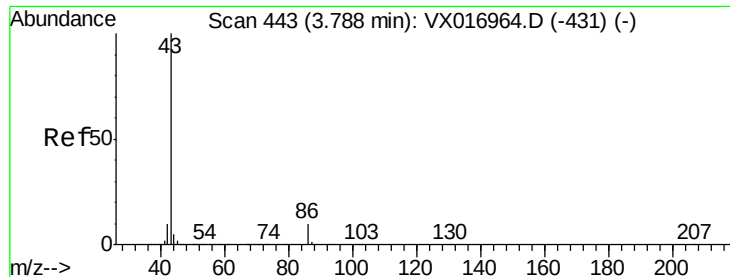
Abundance Ion 45.00 (44.70 to 45.70): VX0

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

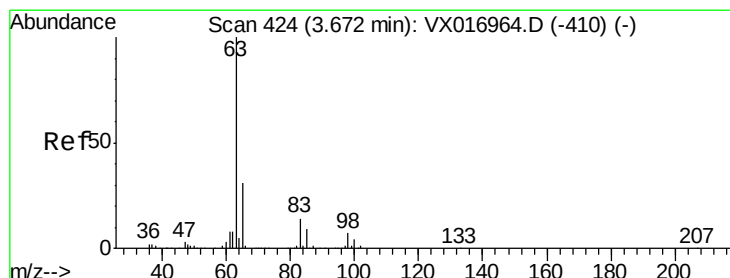
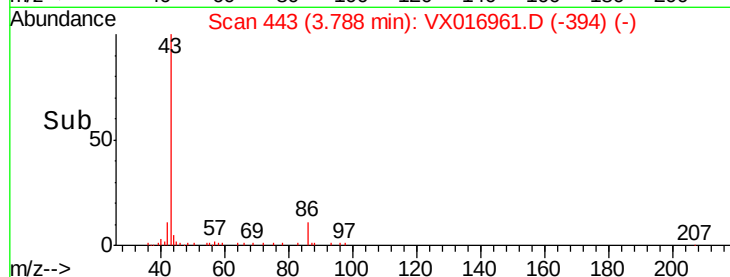
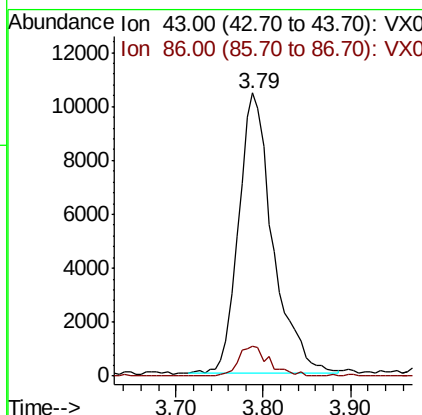
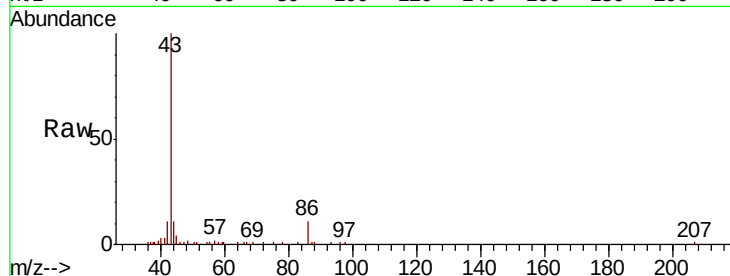




#23
 Vinyl Acetate
 Concen: 4.265 ug/l
 RT: 3.79 min Scan# 443
 Delta R.T. -0.00 min
 Lab File: VX016961.D
 Acq: 25 Jun 2020 18:29

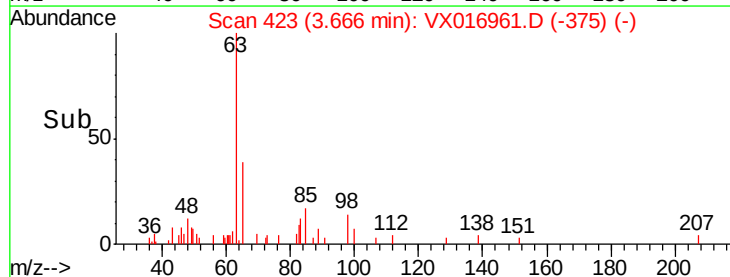
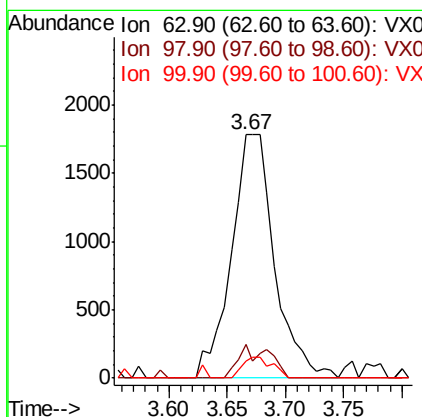
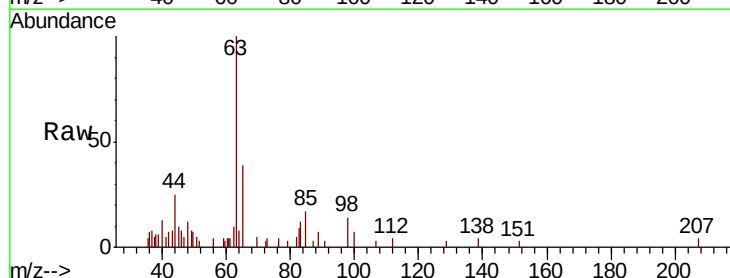
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

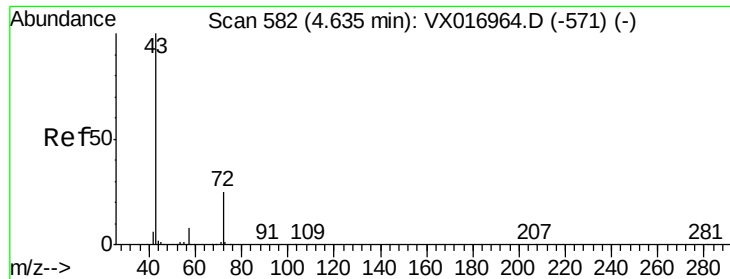
Tot Ion: 43 Resp: 28393
 Ion Ratio Lower Upper
 43 100
 86 10.8 8.2 12.2



#24
 1,1-Dichloroethane
 Concen: 1.013 ug/l
 RT: 3.67 min Scan# 423
 Delta R.T. -0.01 min
 Lab File: VX016961.D
 Acq: 25 Jun 2020 18:29

Tgt Ion: 63 Resp: 4627
 Ion Ratio Lower Upper
 63 100
 98 13.6 3.6 10.8#
 100 7.2 2.1 6.3#





#25

2-Butanone

Concen: 4.719 ug/l

RT: 4.64 min Scan# 583

Delta R.T. 0.01 min

Lab File: VX016961.D

Acq: 25 Jun 2020 18:29

Instrument :

MSVOA_X

ClientSampleId :

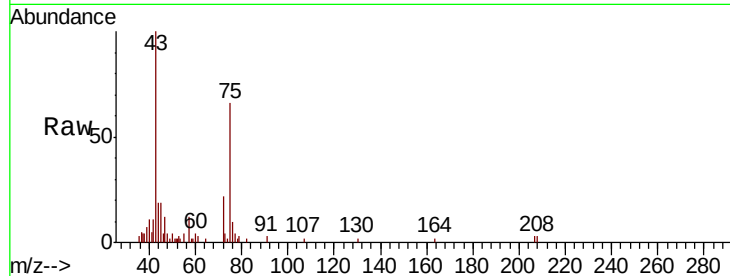
VSTDIC001

Tot Ion: 43 Resp: 8286

Ion Ratio Lower Upper

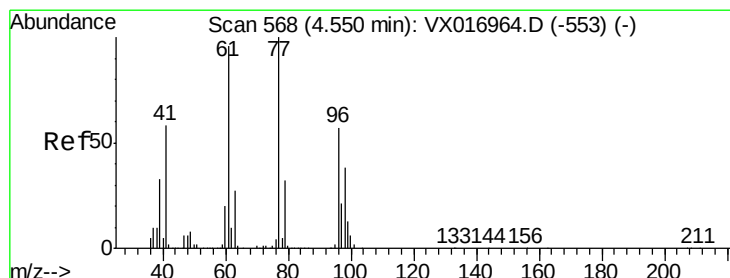
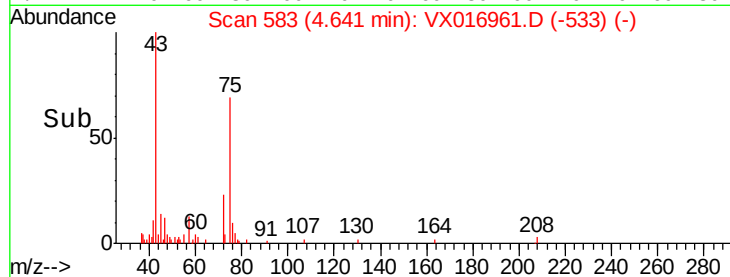
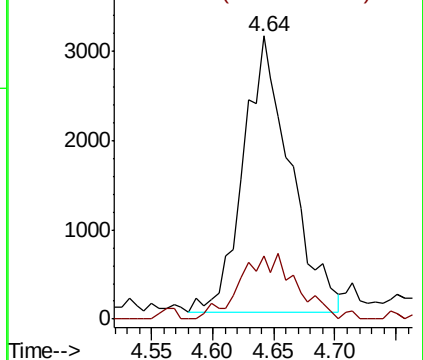
43 100

72 22.8 20.0 30.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 0.938 ug/l

RT: 4.56 min Scan# 569

Delta R.T. 0.01 min

Lab File: VX016961.D

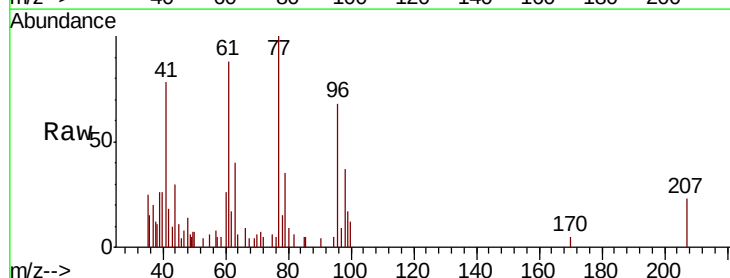
Acq: 25 Jun 2020 18:29

Tgt Ion: 77 Resp: 3738

Ion Ratio Lower Upper

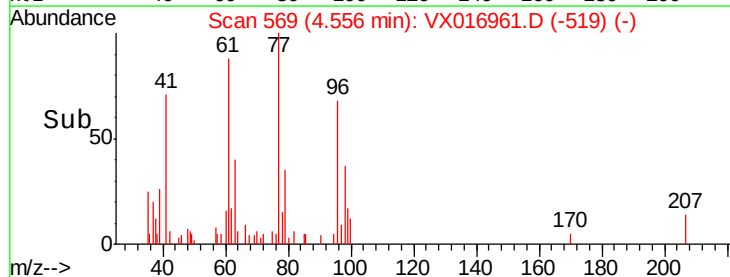
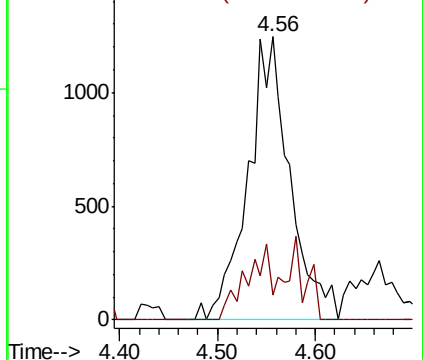
77 100

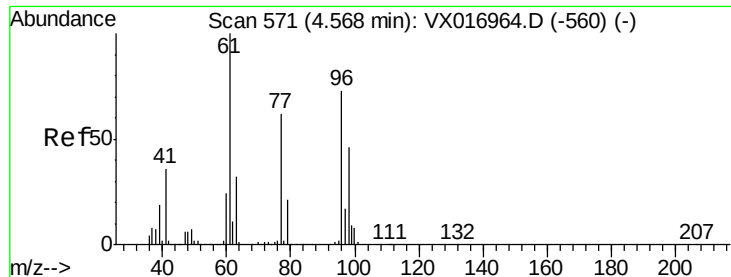
97 18.6 11.2 33.5



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0



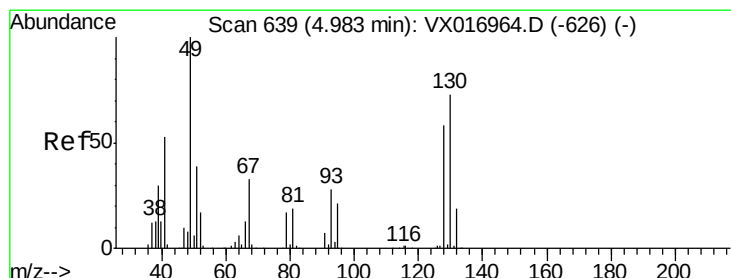
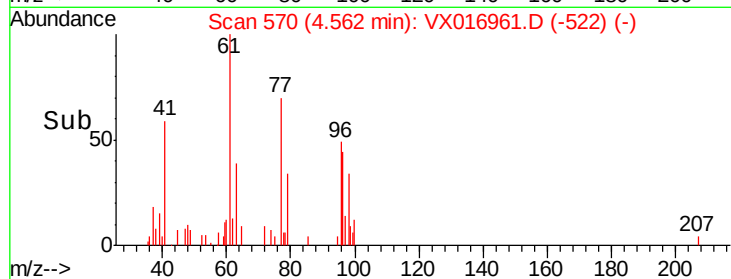
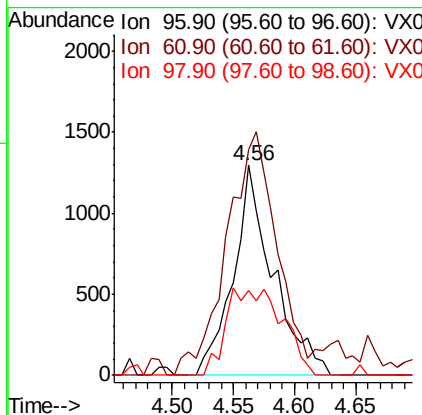
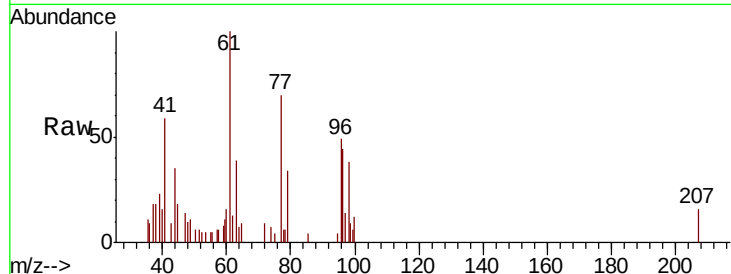


#27

cis-1,2-Dichloroethene
 Concen: 1.022 ug/l
 RT: 4.56 min Scan# 570
 Delta R.T. -0.01 min
 Lab File: VX016961.D
 Acq: 25 Jun 2020 18:29

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

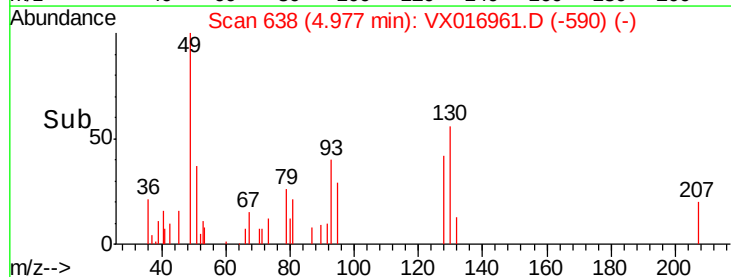
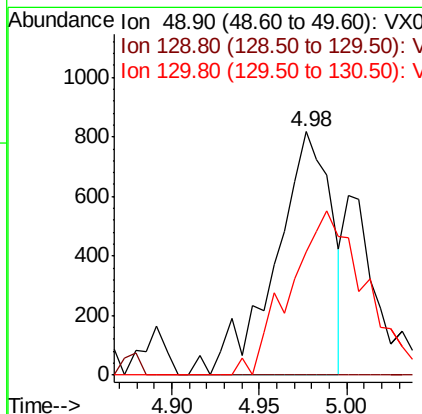
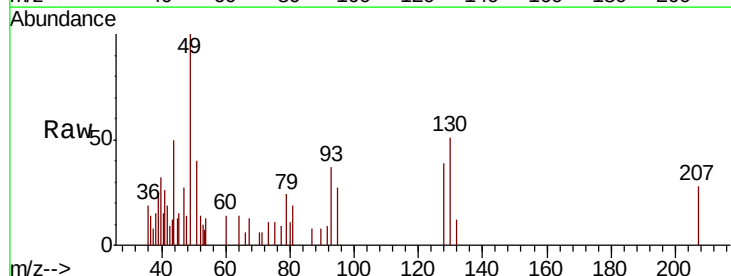
Tot Ion	Ratio	Lower	Upper
96	100		
61	149.7	0.0	307.2
98	58.2	0.0	128.4

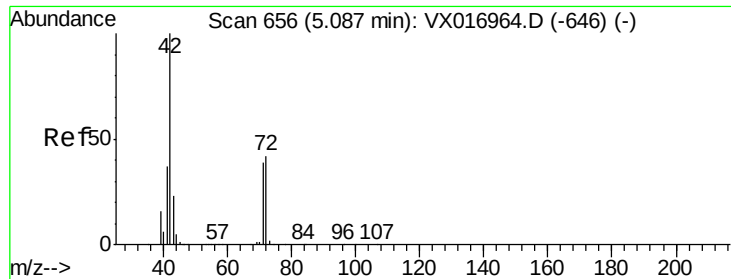


#28

Bromochloromethane
 Concen: 0.901 ug/l
 RT: 4.98 min Scan# 638
 Delta R.T. -0.01 min
 Lab File: VX016961.D
 Acq: 25 Jun 2020 18:29

Tgt Ion	Ratio	Lower	Upper
49	100		
129	0.0	0.0	4.4
130	89.3	58.7	88.1#

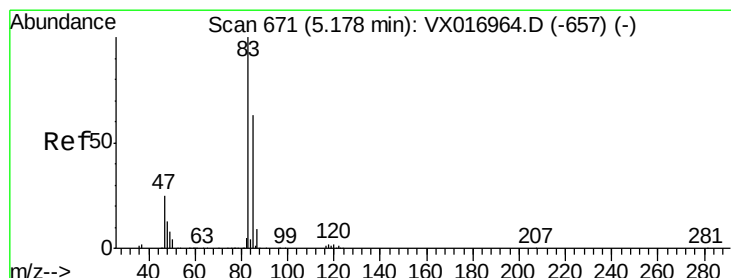
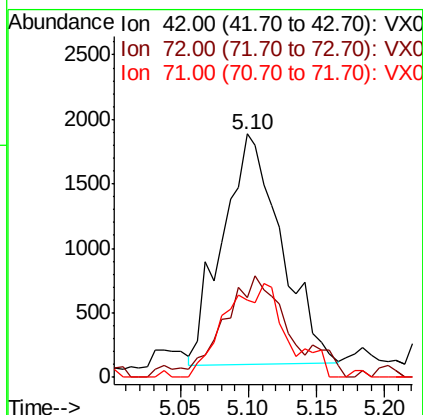
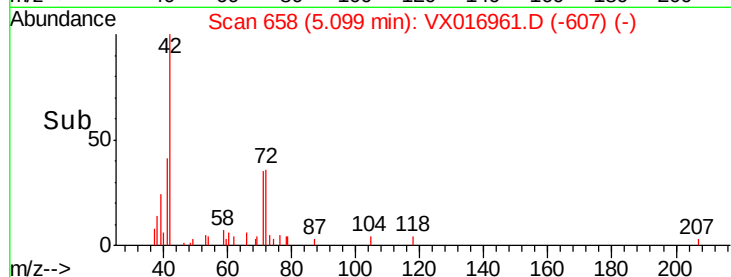
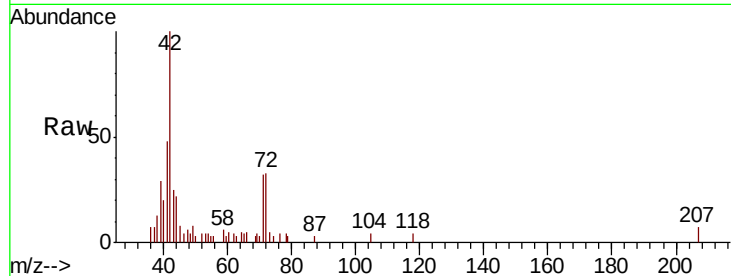




#29
Tetrahydrofuran
Concen: 4.608 ug/l
RT: 5.10 min Scan# 658
Delta R.T. 0.01 min
Lab File: VX016961.D
Acq: 25 Jun 2020 18:29

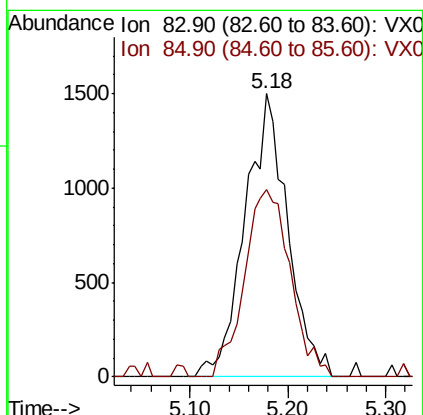
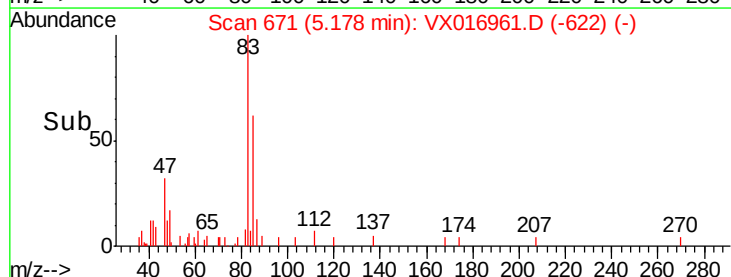
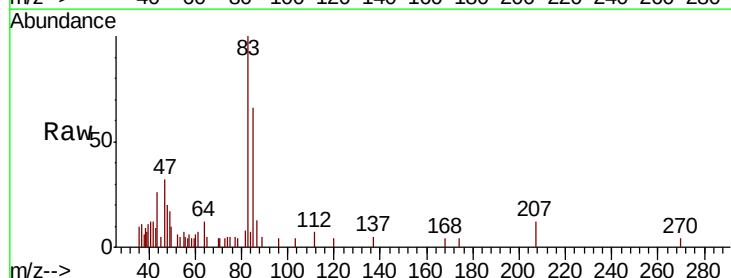
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

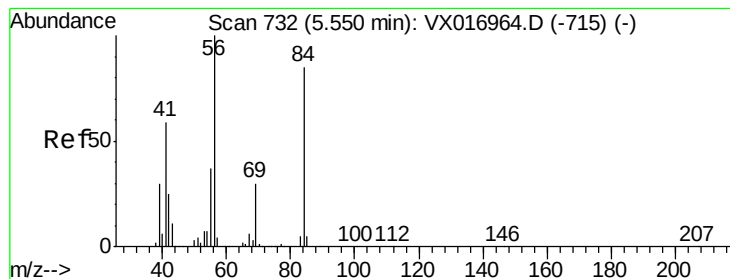
Tot Ion: 42 Resp: 5355
Ion Ratio Lower Upper
42 100
72 37.2 34.1 51.1
71 43.1 32.1 48.1



#30
Chloroform
Concen: 1.004 ug/l
RT: 5.18 min Scan# 671
Delta R.T. -0.00 min
Lab File: VX016961.D
Acq: 25 Jun 2020 18:29

Tgt Ion: 83 Resp: 4548
Ion Ratio Lower Upper
83 100
85 66.2 50.7 76.1





#31

Cyclohexane

Concen: 0.802 ug/l

RT: 5.54 min Scan# 731

Delta R.T. -0.01 min

Lab File: VX016961.D

Acq: 25 Jun 2020 18:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

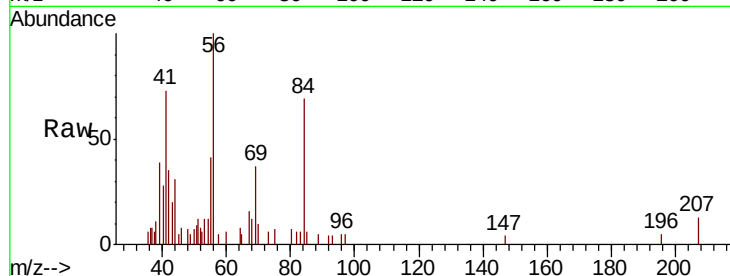
Tot Ion: 56 Resp: 3391

Ion Ratio Lower Upper

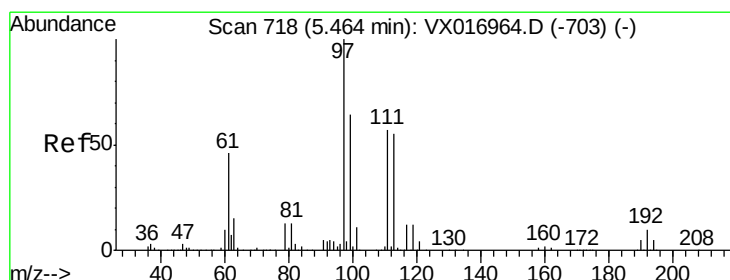
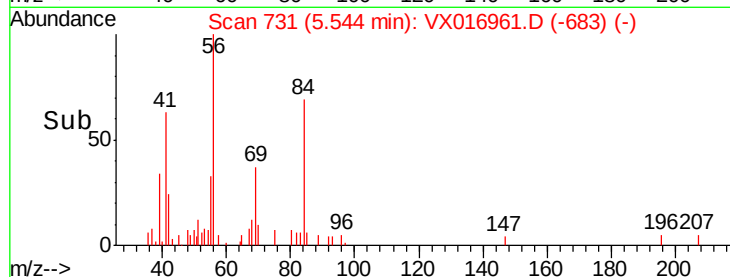
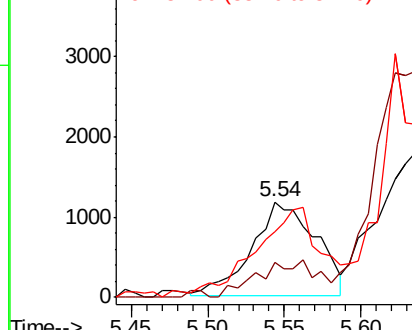
56 100

69 31.7 23.6 35.4

84 67.5 67.8 101.8#



Abundance Ion 56.00 (55.70 to 56.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 84.00 (83.70 to 84.70): VX0



#32

1,1,1-Trichloroethane

Concen: 0.995 ug/l

RT: 5.46 min Scan# 717

Delta R.T. -0.01 min

Lab File: VX016961.D

Acq: 25 Jun 2020 18:29

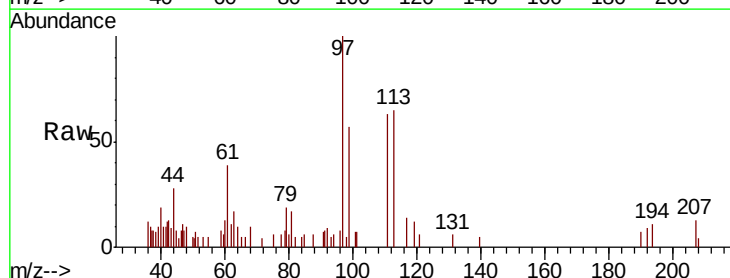
Tgt Ion: 97 Resp: 4070

Ion Ratio Lower Upper

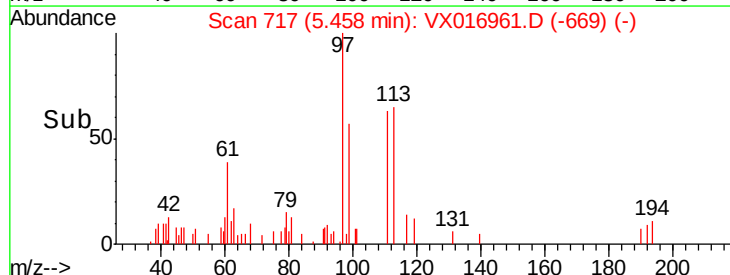
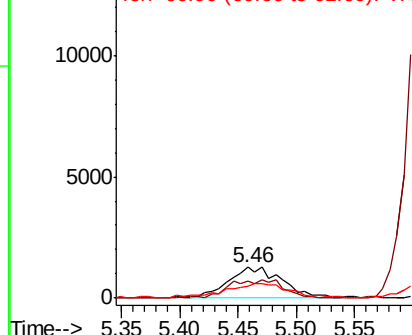
97 100

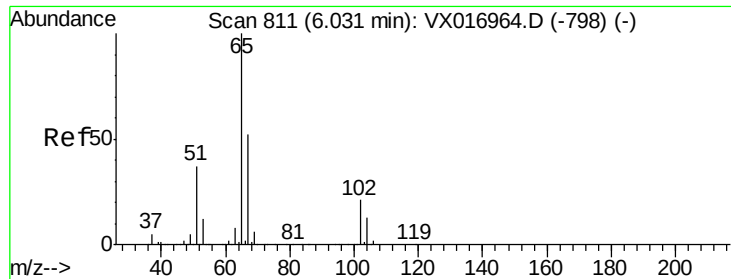
99 0.0 51.4 77.2#

61 56.8 37.0 55.4#



Abundance Ion 96.90 (96.60 to 97.60): VX0
Ion 98.90 (98.60 to 99.60): VX0
Ion 60.90 (60.60 to 61.60): VX0

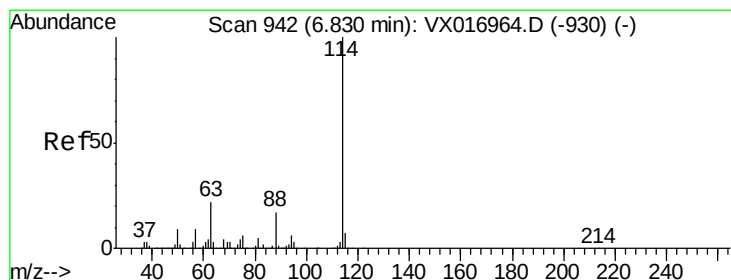
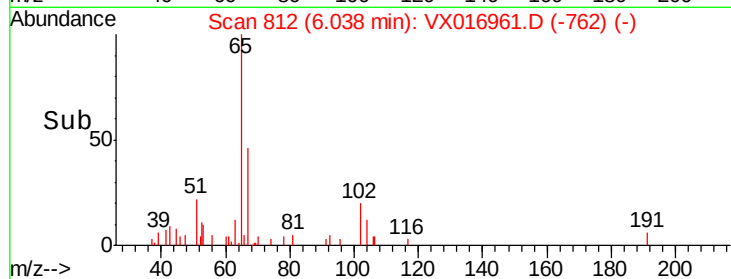
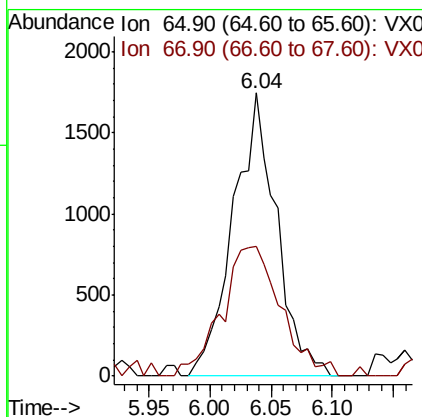
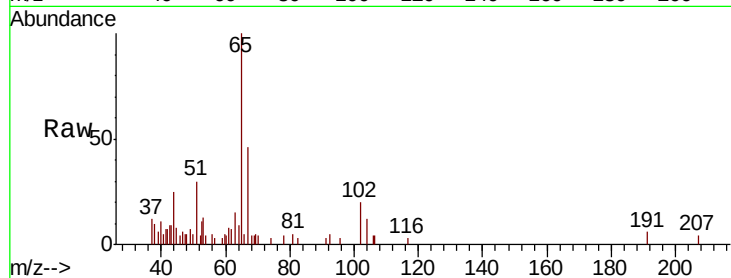




#33
 1,2-Dichloroethane-d4
 Concen: 1.480 ug/l
 RT: 6.04 min Scan# 812
 Delta R.T. 0.01 min
 Lab File: VX016961.D
 Acq: 25 Jun 2020 18:29

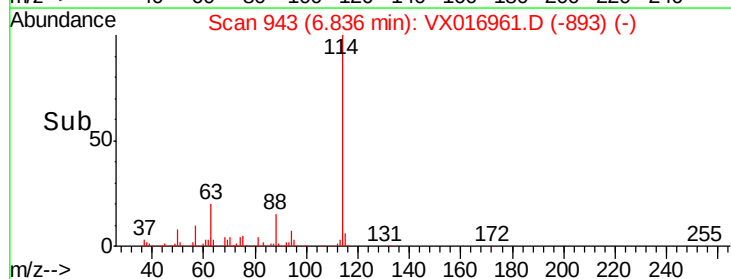
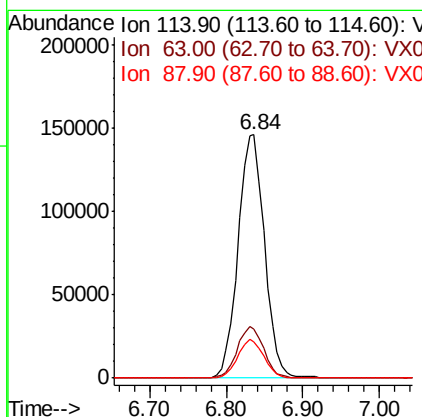
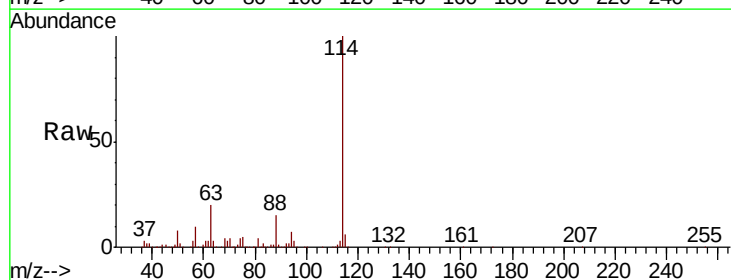
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

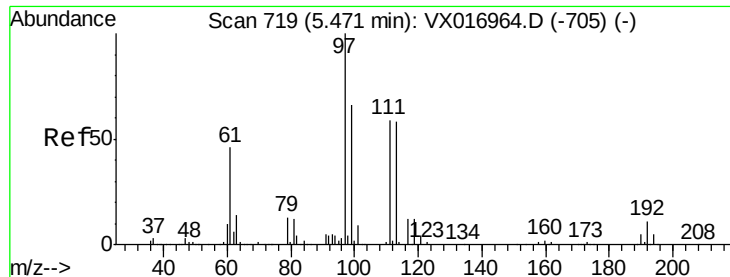
Tot Ion: 65 Resp: 4292
 Ion Ratio Lower Upper
 65 100
 67 62.5 0.0 102.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.84 min Scan# 943
 Delta R.T. 0.01 min
 Lab File: VX016961.D
 Acq: 25 Jun 2020 18:29

Tgt Ion: 114 Resp: 349933
 Ion Ratio Lower Upper
 114 100
 63 20.3 0.0 44.4
 88 15.1 0.0 33.2

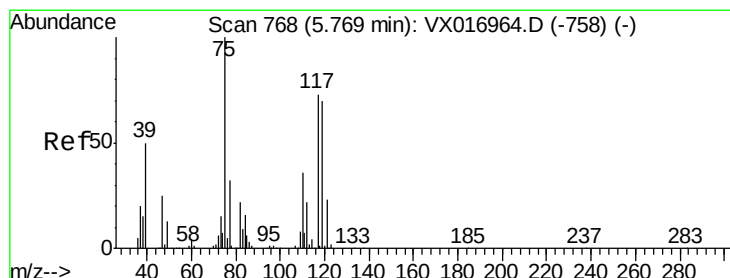
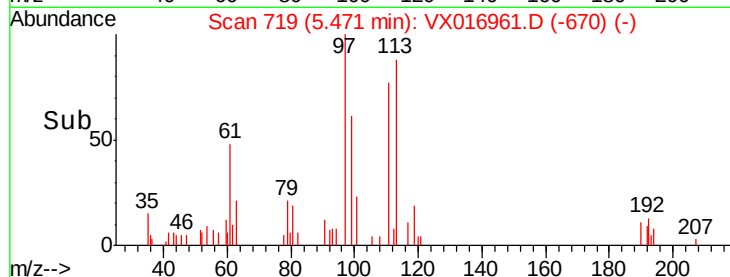
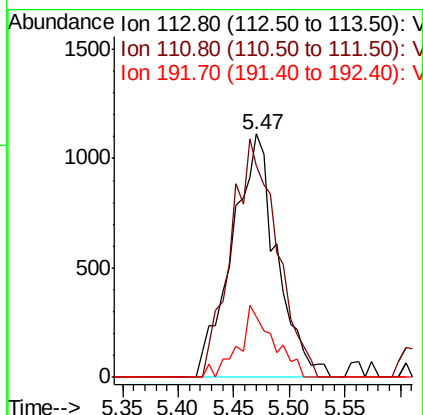
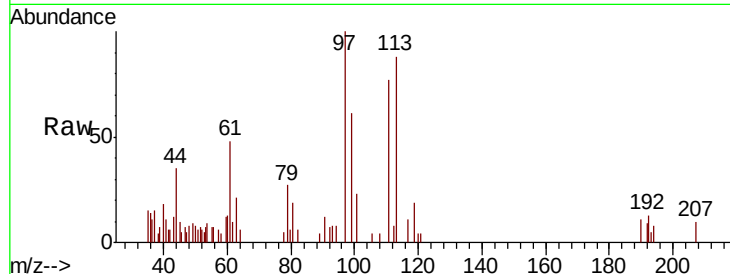




#35
 Dibromofluoromethane
 Concen: 1.582 ug/l
 RT: 5.47 min Scan# 719
 Delta R.T. -0.00 min
 Lab File: VX016961.D
 Acq: 25 Jun 2020 18:29

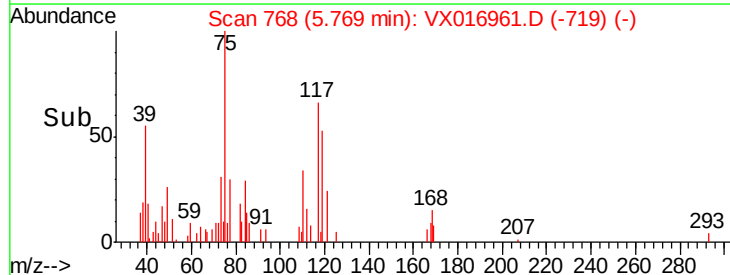
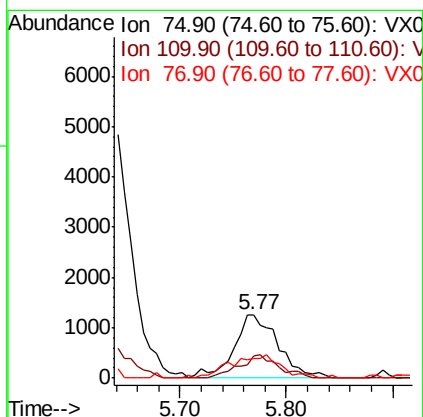
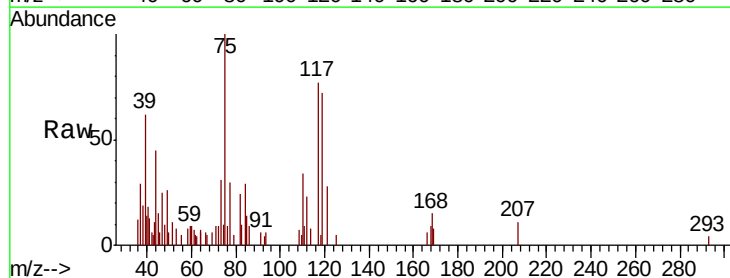
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

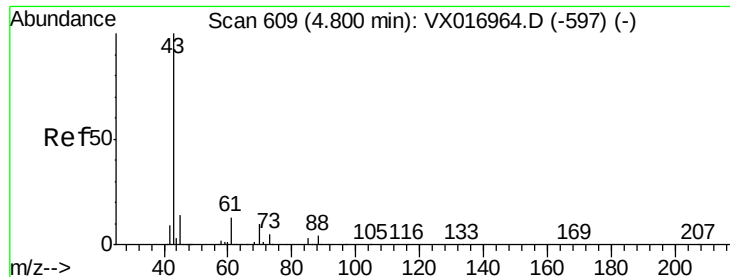
Tot Ion	Ratio	Lower	Upper
113	100		
111	100.8	84.3	126.5
192	22.7	15.2	22.8



#36
 1,1-Dichloropropene
 Concen: 1.084 ug/l
 RT: 5.77 min Scan# 768
 Delta R.T. -0.00 min
 Lab File: VX016961.D
 Acq: 25 Jun 2020 18:29

Tgt Ion	Ratio	Lower	Upper
75	100		
110	33.1	17.2	51.6
77	41.1	24.7	37.1#

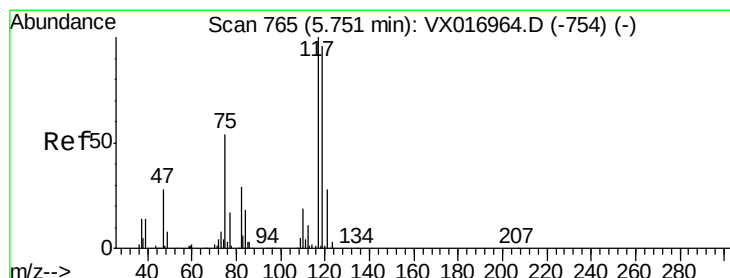
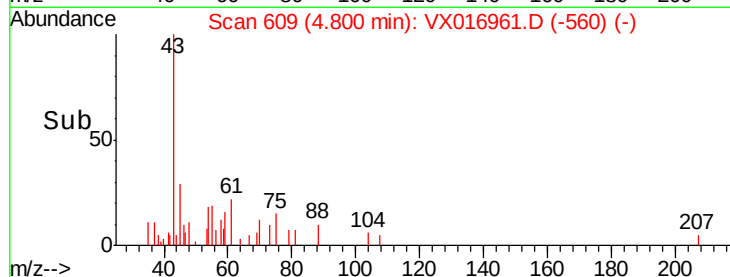
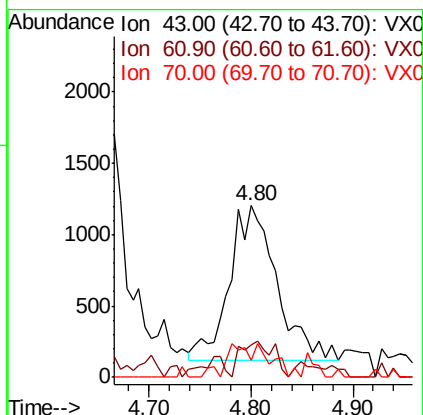
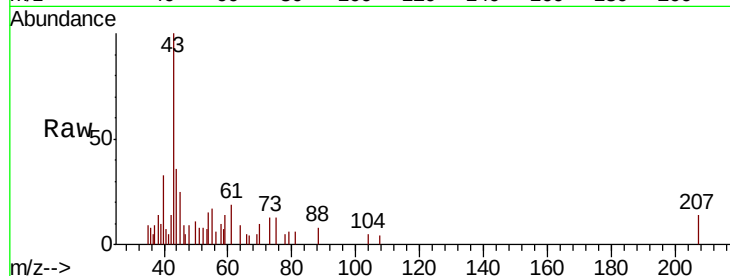




#37
Ethyl Acetate
Concen: 1.015 ug/l
RT: 4.80 min Scan# 609
Delta R.T. -0.00 min
Lab File: VX016961.D
Acq: 25 Jun 2020 18:29

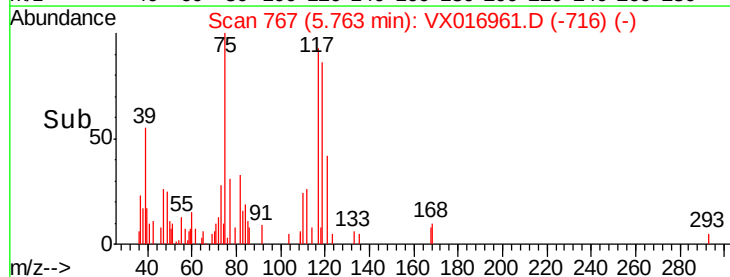
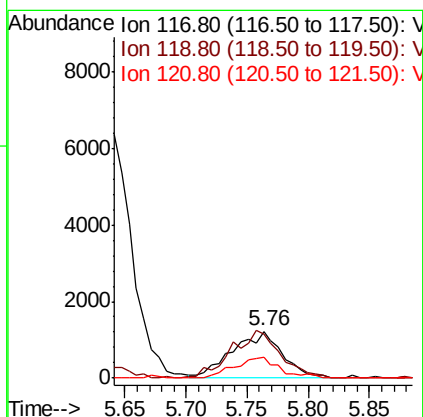
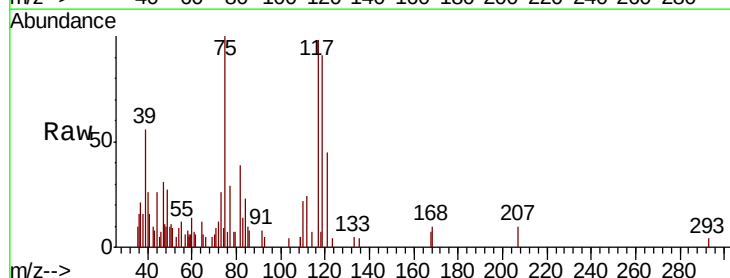
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

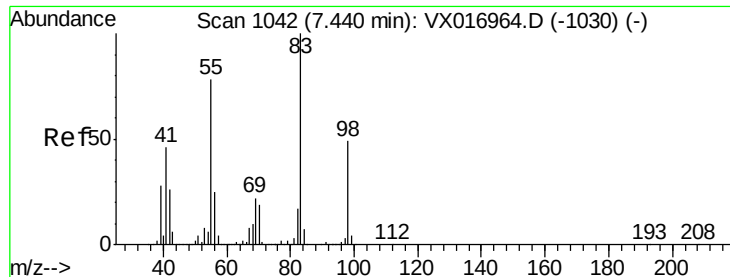
Tot Ion: 43 Resp: 3474
Ion Ratio Lower Upper
43 100
61 16.1 10.8 16.2
70 0.0 8.0 12.0#



#38
Carbon Tetrachloride
Concen: 1.099 ug/l
RT: 5.76 min Scan# 767
Delta R.T. 0.01 min
Lab File: VX016961.D
Acq: 25 Jun 2020 18:29

Tgt Ion: 117 Resp: 3474
Ion Ratio Lower Upper
117 100
119 93.1 76.6 114.8
121 45.7 22.5 33.7#

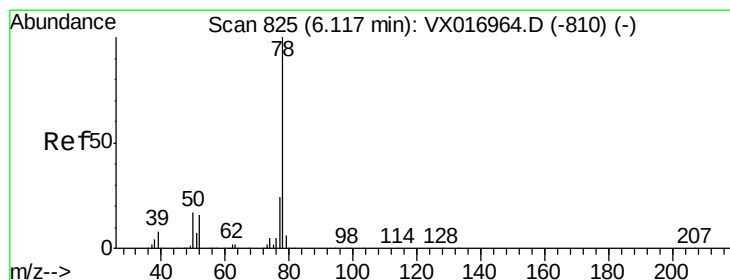
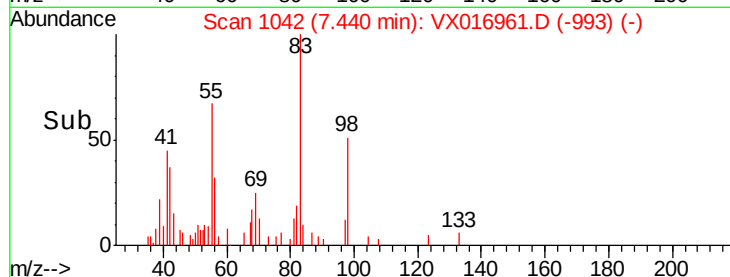
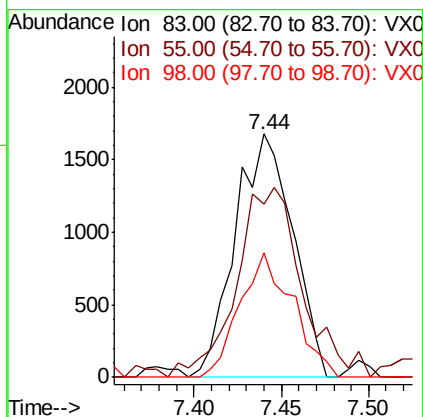
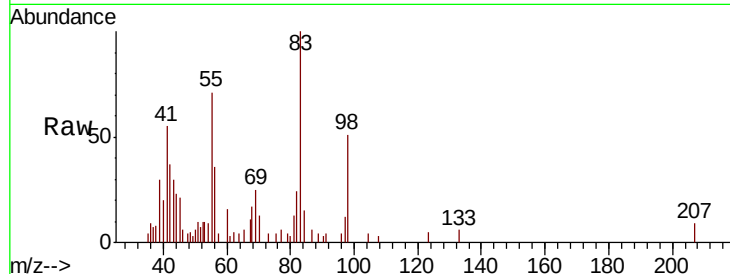




#39
Methylvlcyclohexane
Concen: 0.960 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. -0.00 min
Lab File: VX016961.D
Acq: 25 Jun 2020 18:29

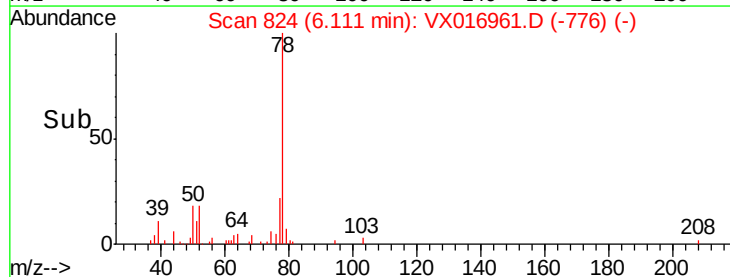
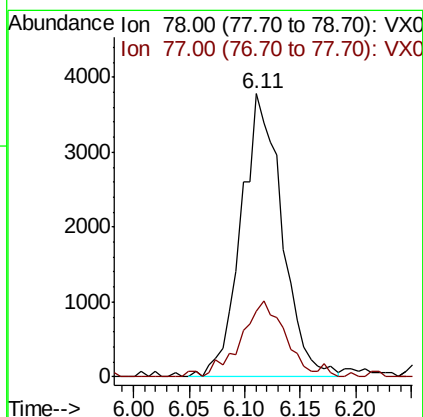
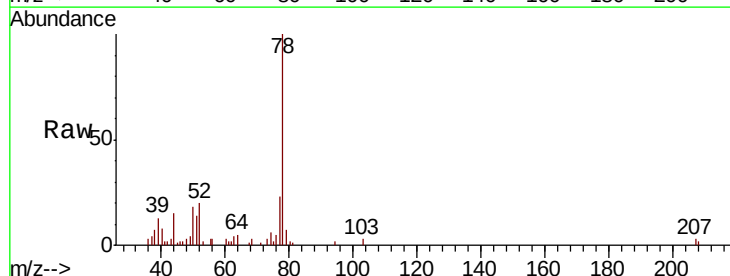
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

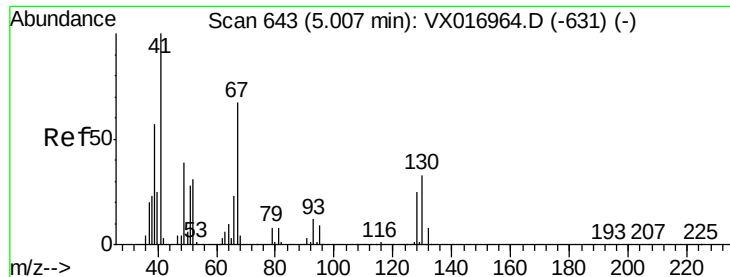
Tot Ion: 83 Resp: 3859
Ion Ratio Lower Upper
83 100
55 67.1 62.4 93.6
98 51.2 39.4 59.0



#40
Benzene
Concen: 0.989 ug/l
RT: 6.11 min Scan# 824
Delta R.T. -0.01 min
Lab File: VX016961.D
Acq: 25 Jun 2020 18:29

Tgt Ion: 78 Resp: 9670
Ion Ratio Lower Upper
78 100
77 23.5 18.9 28.3

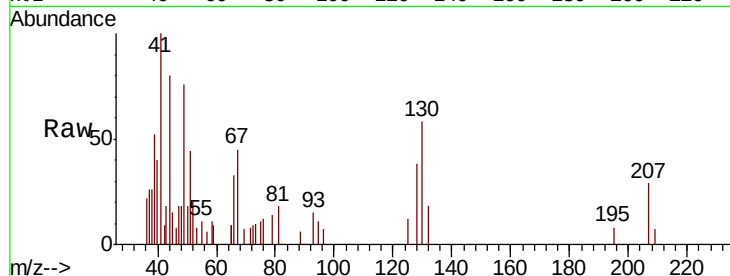




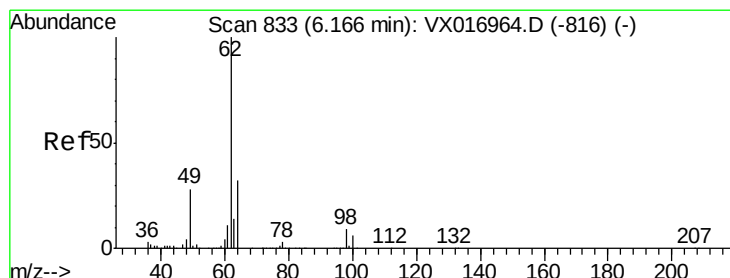
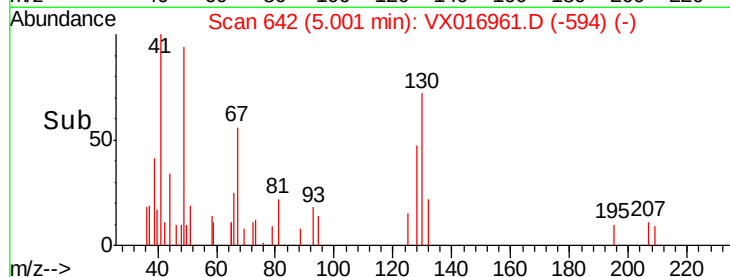
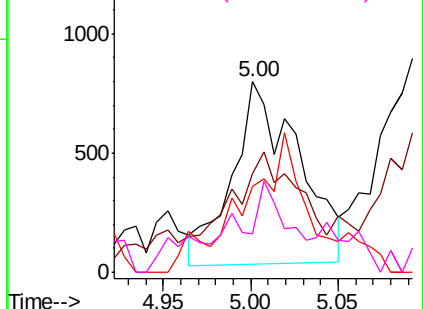
#41
Methacrylonitrile
Concen: 1.051 ug/l
RT: 5.00 min Scan# 642
Delta R.T. -0.01 min
Lab File: VX016961.D
Acq: 25 Jun 2020 18:29

Instrument :
MSVOA_X
ClientSampled :
VSTDIC001

Tot Ion:	41	Resp:	2027
Ion	Ratio	Lower	Upper
41	100		
39	55.7	46.6	70.0
67	71.2	57.0	85.6
52	17.1	25.0	37.4#

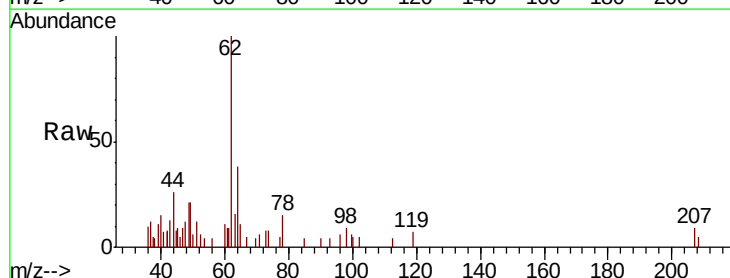


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

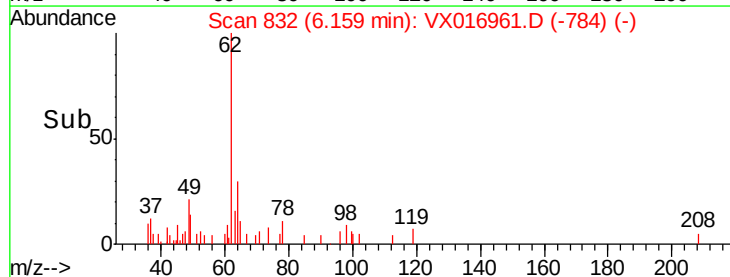
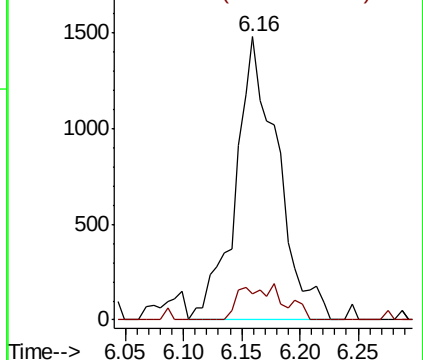


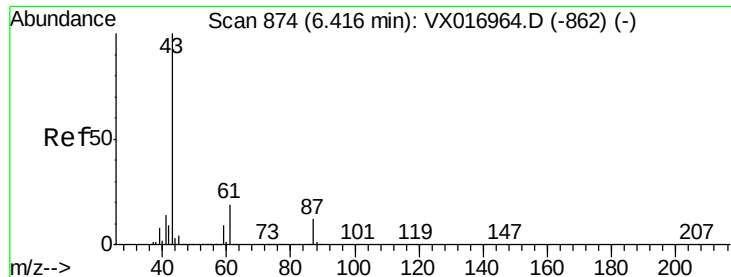
#42
1,2-Dichloroethane
Concen: 1.071 ug/l
RT: 6.16 min Scan# 832
Delta R.T. -0.01 min
Lab File: VX016961.D
Acq: 25 Jun 2020 18:29

Tgt Ion:	62	Resp:	3750
Ion	Ratio	Lower	Upper
62	100		
98	5.0	0.0	17.2



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





#43

Isopropyl Acetate

Concen: 1.063 ug/l

RT: 6.42 min Scan# 874

Delta R.T. -0.00 min

Lab File: VX016961.D

Acq: 25 Jun 2020 18:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

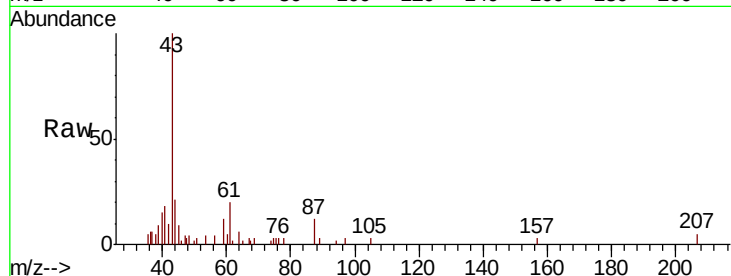
Tot Ion: 43 Resp: 5973

Ion Ratio Lower Upper

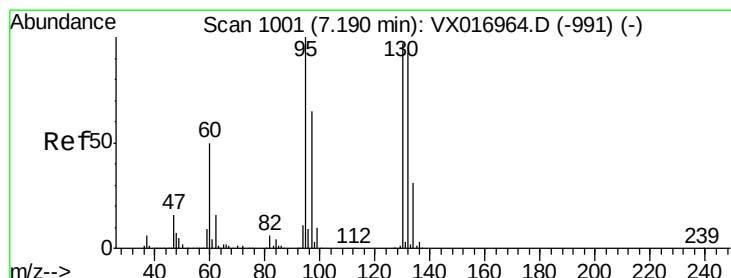
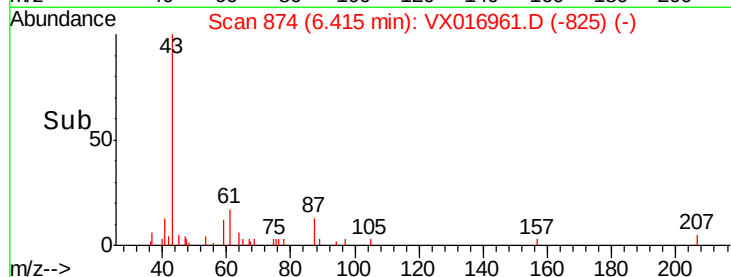
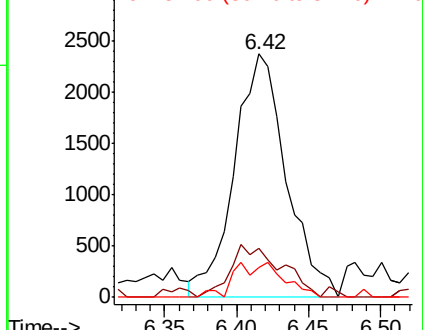
43 100

61 21.3 15.0 22.6

87 5.7 10.0 15.0#



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: 0.939 ug/l

RT: 7.20 min Scan# 1002

Delta R.T. 0.01 min

Lab File: VX016961.D

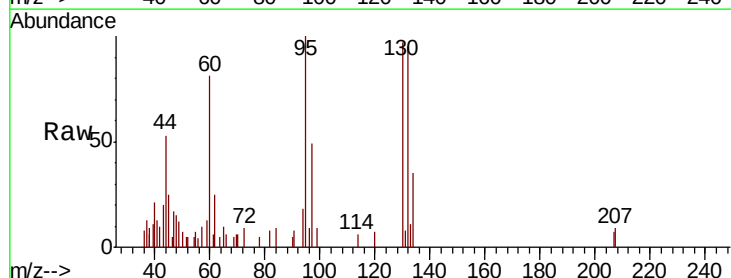
Acq: 25 Jun 2020 18:29

Tgt Ion:130 Resp: 2766

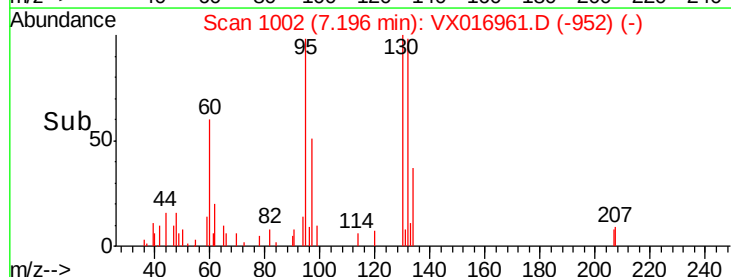
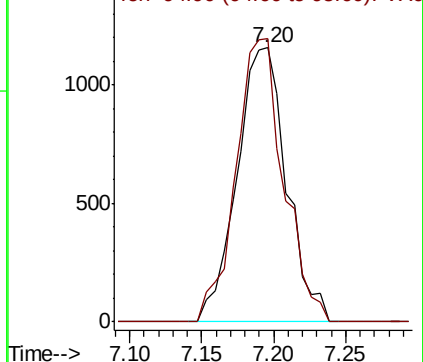
Ion Ratio Lower Upper

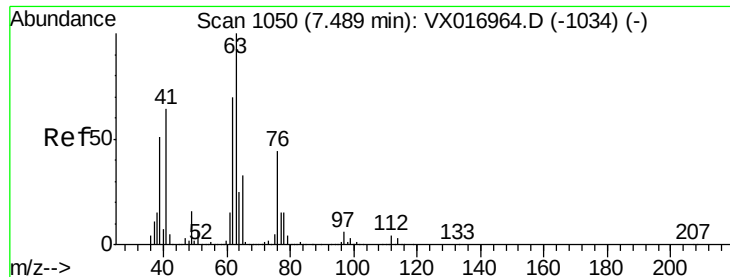
130 100

95 103.3 0.0 206.6



Abundance Ion 129.80 (129.50 to 130.50): V
Ion 94.90 (94.60 to 95.60): VX0





#45

1,2-Dichloropropane

Concen: 1.131 ug/l

RT: 7.49 min Scan# 1051

Delta R.T. 0.01 min

Lab File: VX016961.D

Acq: 25 Jun 2020 18:29

Instrument :

MSVOA_X

ClientSampleId :

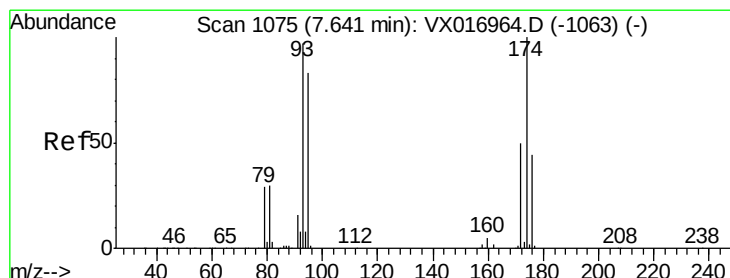
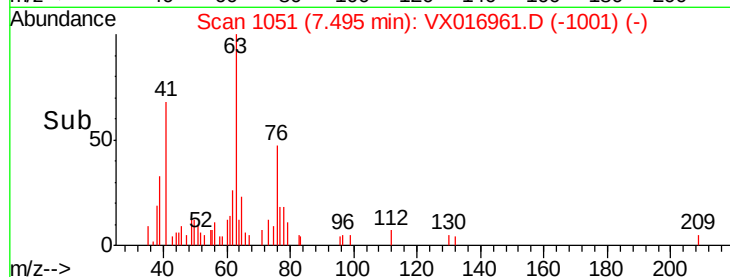
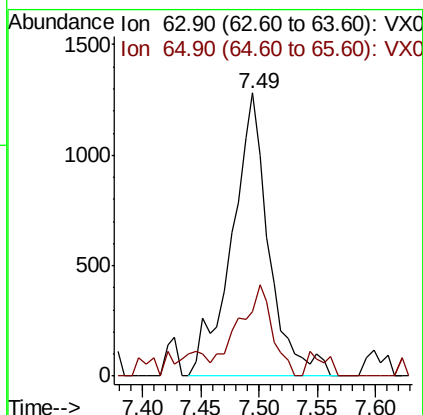
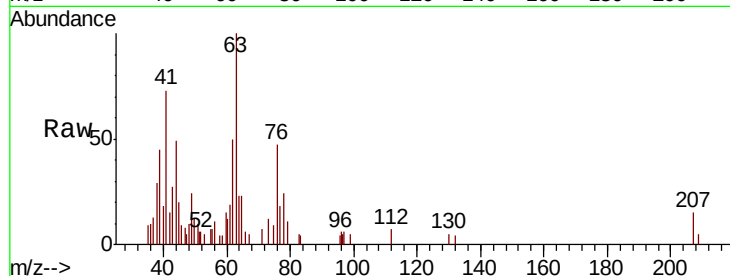
VSTDIC001

Tot Ion: 63 Resp: 2842

Ion Ratio Lower Upper

63 100

65 22.7 26.1 39.1#



#46

Dibromomethane

Concen: 1.011 ug/l

RT: 7.64 min Scan# 1075

Delta R.T. -0.00 min

Lab File: VX016961.D

Acq: 25 Jun 2020 18:29

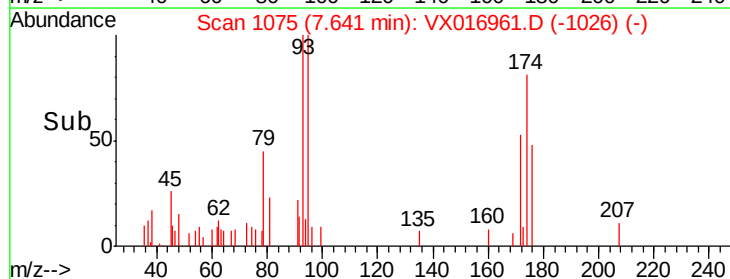
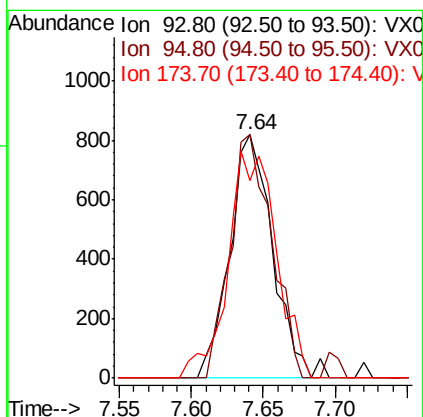
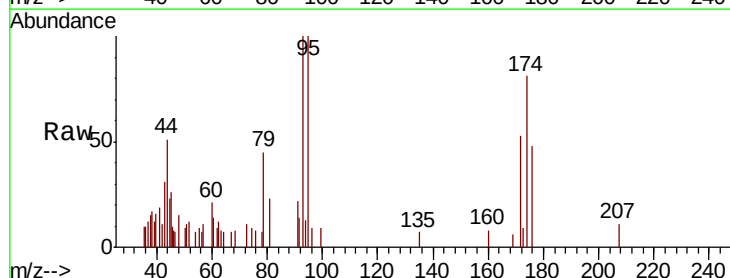
Tgt Ion: 93 Resp: 1703

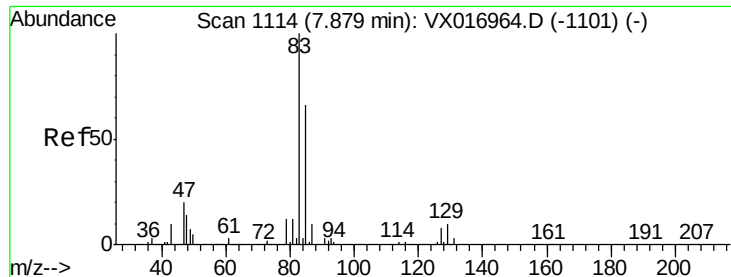
Ion Ratio Lower Upper

93 100

95 96.8 67.5 101.3

174 104.9 75.0 112.4





#47

Bromodichloromethane

Concen: 1.063 ug/l

RT: 7.87 min Scan# 1113

Delta R.T. -0.01 min

Lab File: VX016961.D

Acq: 25 Jun 2020 18:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

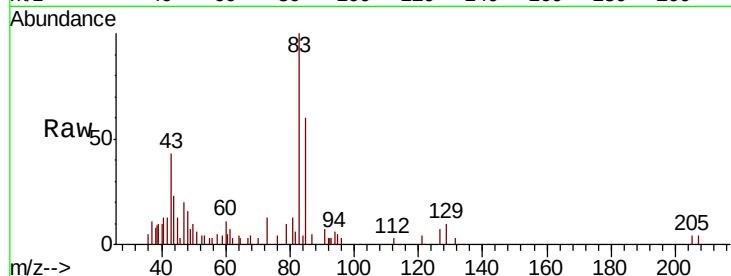
Tot Ion: 83 Resp: 3668

Ion Ratio Lower Upper

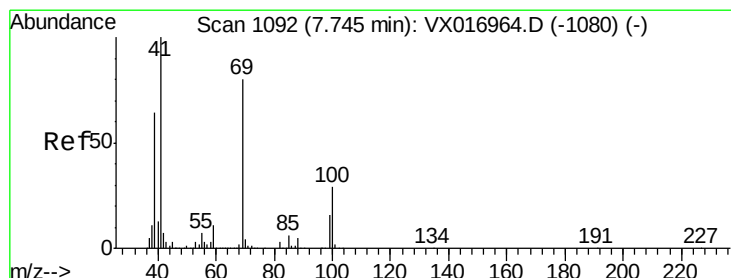
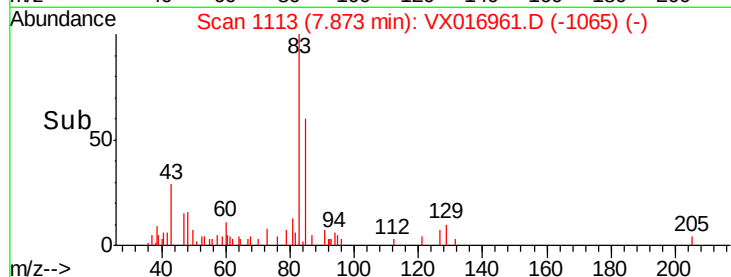
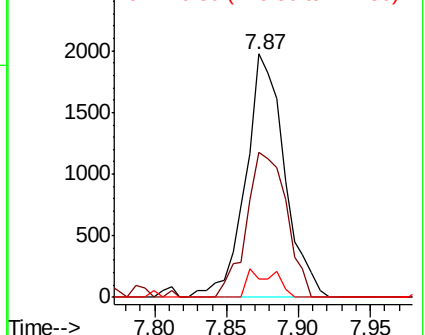
83 100

85 59.7 53.1 79.7

127 7.3 6.8 10.2



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: 0.950 ug/l

RT: 7.75 min Scan# 1093

Delta R.T. 0.01 min

Lab File: VX016961.D

Acq: 25 Jun 2020 18:29

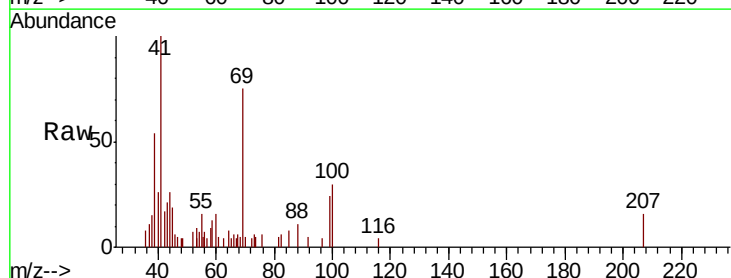
Tgt Ion: 41 Resp: 2623

Ion Ratio Lower Upper

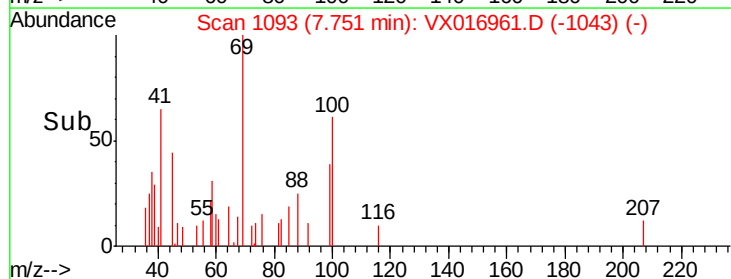
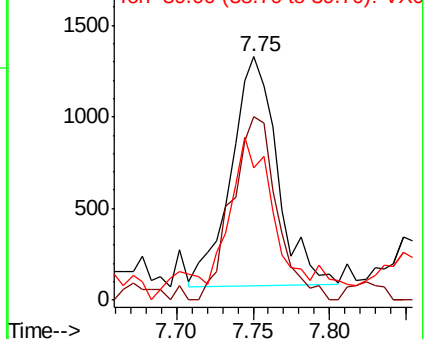
41 100

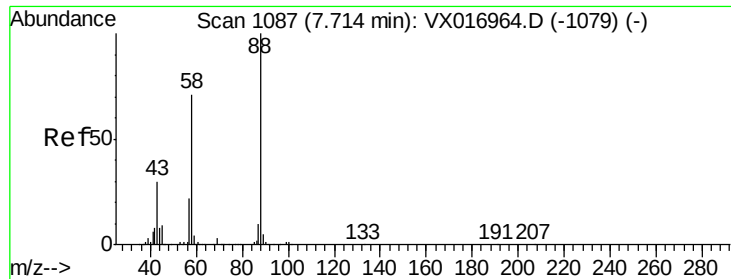
69 77.7 62.7 94.1

39 54.3 49.6 74.4



Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 39.00 (38.70 to 39.70): VX0





#49

1,4-Dioxane

Concen: 21.574 ug/l

RT: 7.73 min Scan# 1089

Delta R.T. 0.01 min

Lab File: VX016961.D

Acq: 25 Jun 2020 18:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

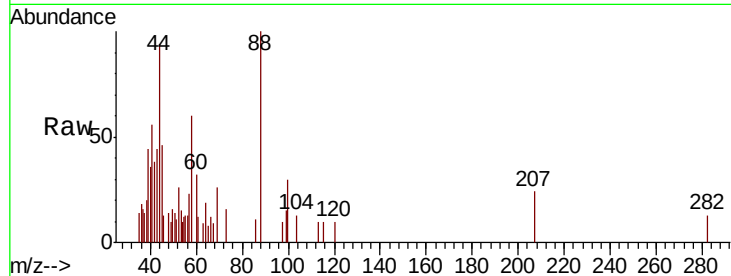
Tot Ion: 88 Resp: 1301

Ion Ratio Lower Upper

88 100

43 12.1 28.1 42.1#

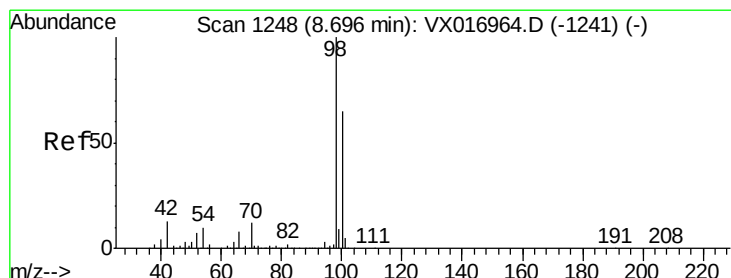
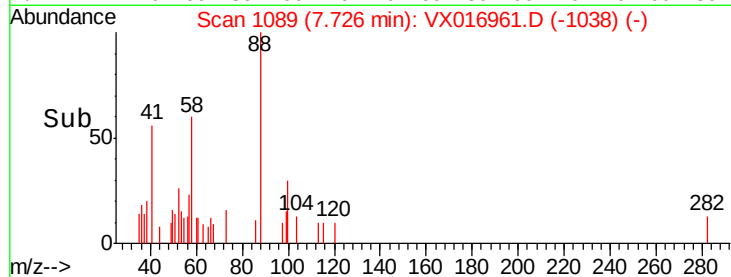
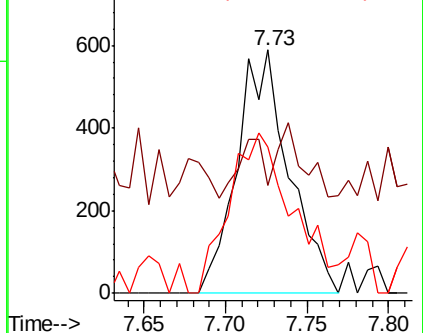
58 81.9 56.1 84.1



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: 1.184 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX016961.D

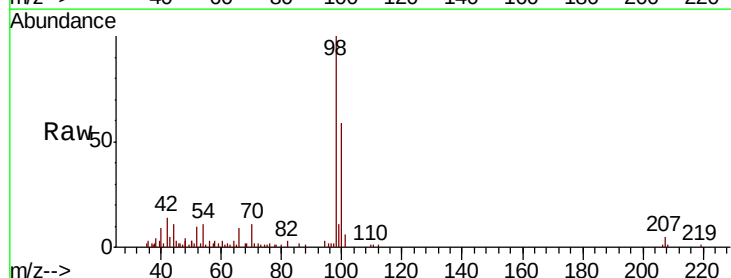
Acq: 25 Jun 2020 18:29

Tgt Ion: 98 Resp: 9665

Ion Ratio Lower Upper

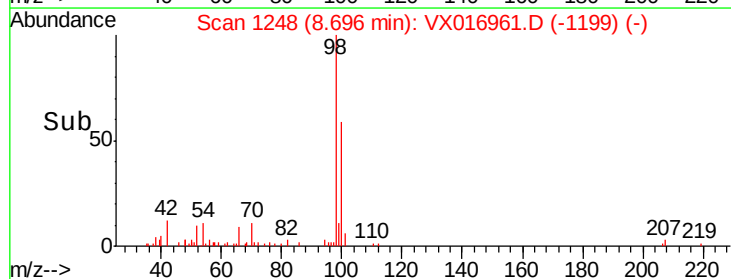
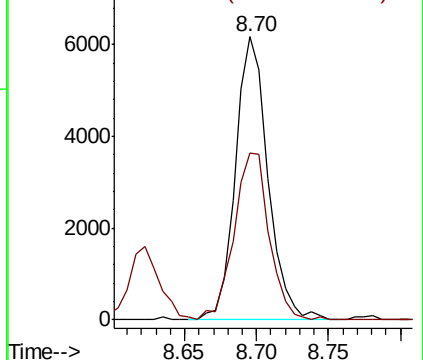
98 100

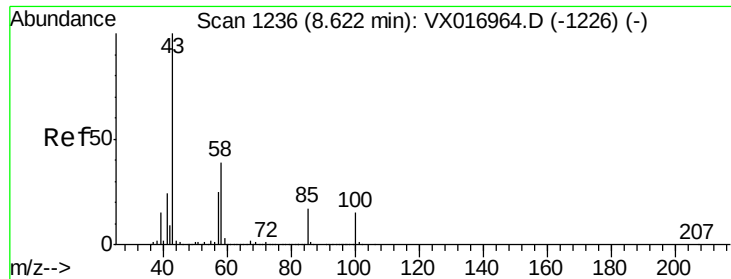
100 63.9 52.2 78.2



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V





#51

4-Methyl-2-Pentanone

Concen: 4.286 ug/l

RT: 8.62 min Scan# 1236

Delta R.T. -0.00 min

Lab File: VX016961.D

Acq: 25 Jun 2020 18:29

Instrument :

MSVOA_X

ClientSampleId :

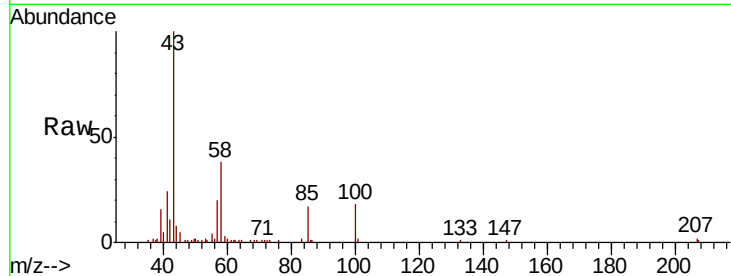
VSTDIC001

Tot Ion: 43 Resp: 14108

Ion Ratio Lower Upper

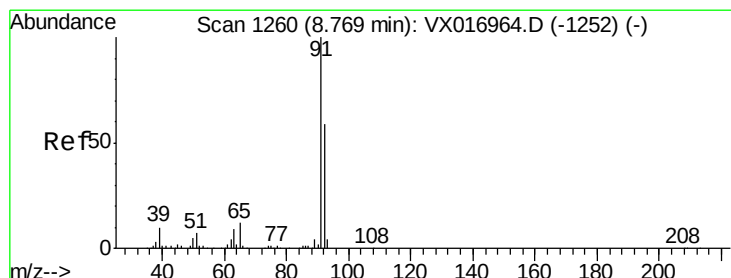
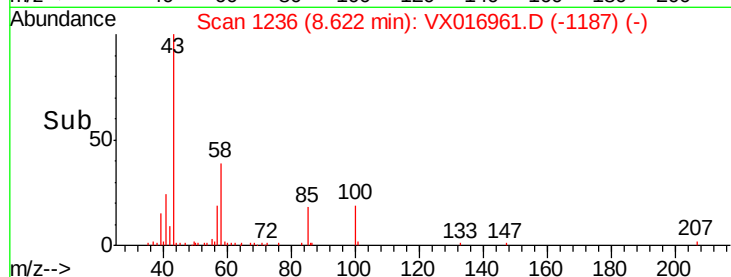
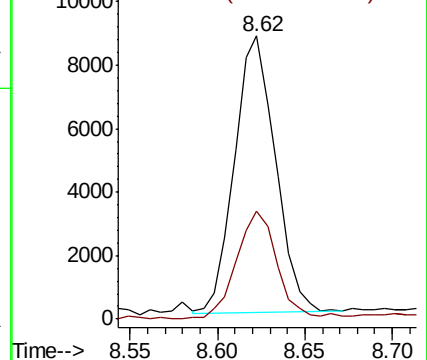
43 100

58 38.8 30.4 45.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 0.922 ug/l

RT: 8.76 min Scan# 1259

Delta R.T. -0.01 min

Lab File: VX016961.D

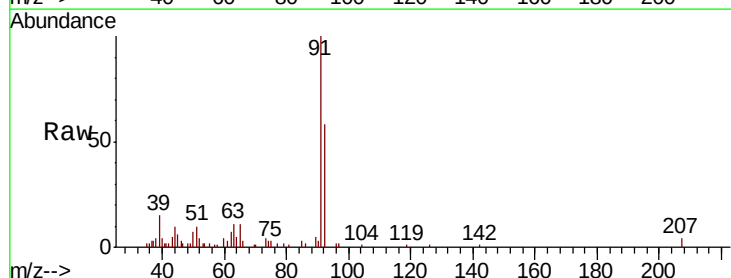
Acq: 25 Jun 2020 18:29

Tgt Ion: 92 Resp: 5709

Ion Ratio Lower Upper

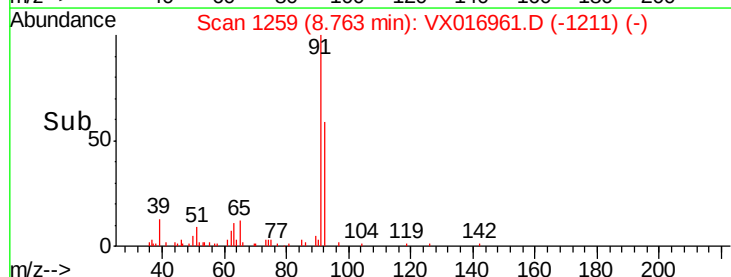
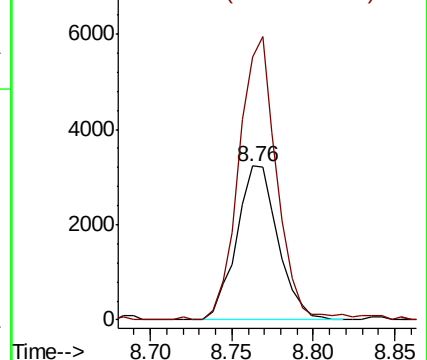
92 100

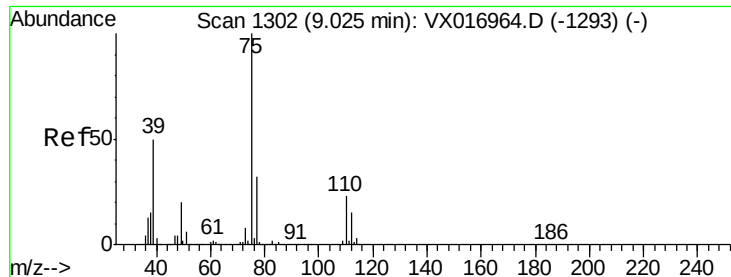
91 170.6 136.7 205.1



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0





#53

t-1,3-Dichloropropene

Concen: 0.843 ug/l

RT: 9.03 min Scan# 1303

Delta R.T. 0.01 min

Lab File: VX016961.D

Acq: 25 Jun 2020 18:29

Instrument :

MSVOA_X

ClientSampleId :

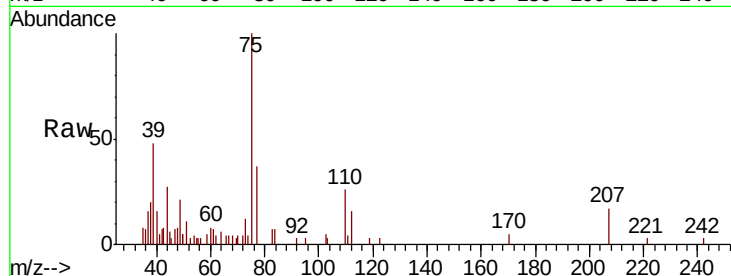
VSTDIC001

Tot Ion: 75 Resp: 3446

Ion Ratio Lower Upper

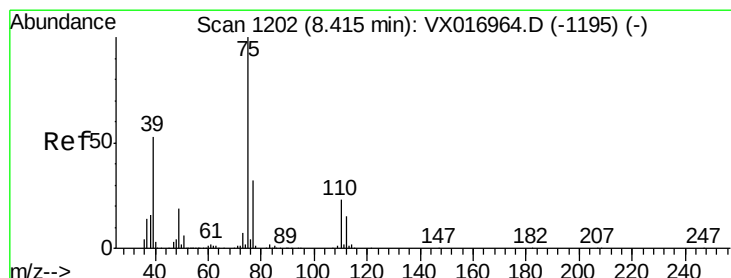
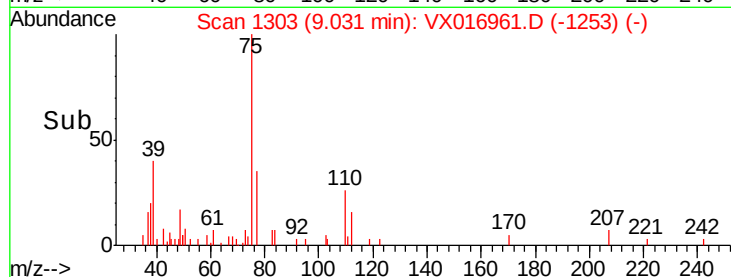
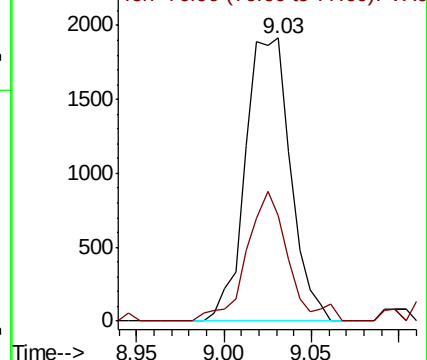
75 100

77 37.5 25.8 38.6



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0



#54

cis-1,3-Dichloropropene

Concen: 0.932 ug/l

RT: 8.42 min Scan# 1203

Delta R.T. 0.01 min

Lab File: VX016961.D

Acq: 25 Jun 2020 18:29

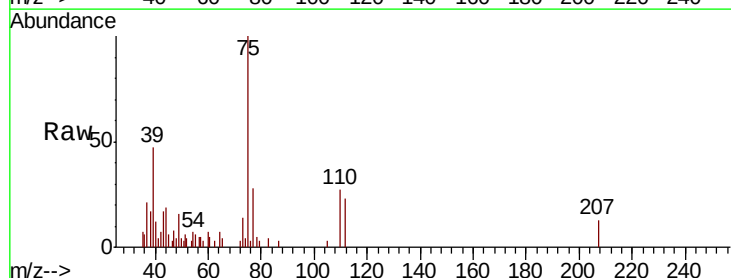
Tgt Ion: 75 Resp: 3981

Ion Ratio Lower Upper

75 100

77 25.2 25.7 38.5#

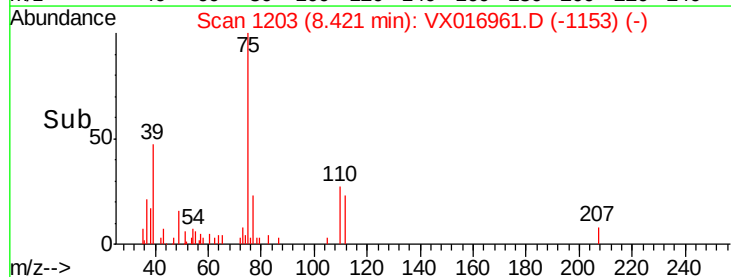
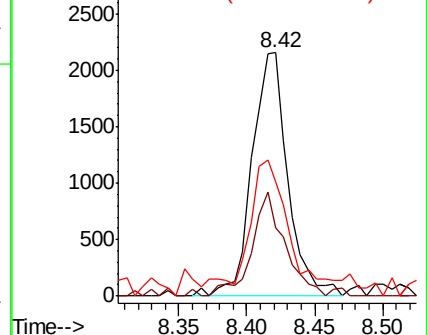
39 40.1 42.7 64.1#

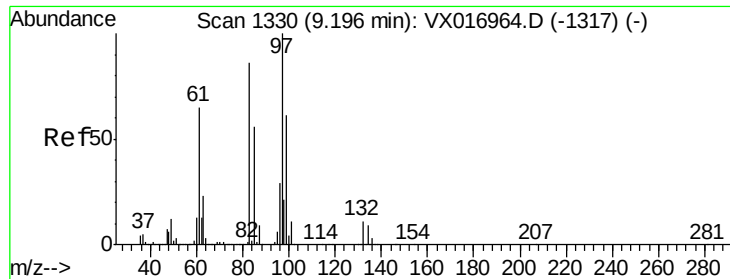


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

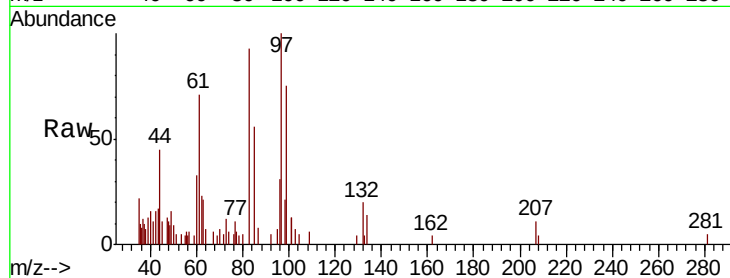




#55
 1,1,2-Trichloroethane
 Concen: 0.956 ug/l
 RT: 9.20 min Scan# 1331
 Delta R.T. 0.01 min
 Lab File: VX016961.D
 Acq: 25 Jun 2020 18:29

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Tot Ion:	97	Resp:	2365
Ion	Ratio	Lower	Upper
97	100		
83	92.6	68.6	103.0
85	56.4	44.5	66.7
99	75.2	49.0	73.4#



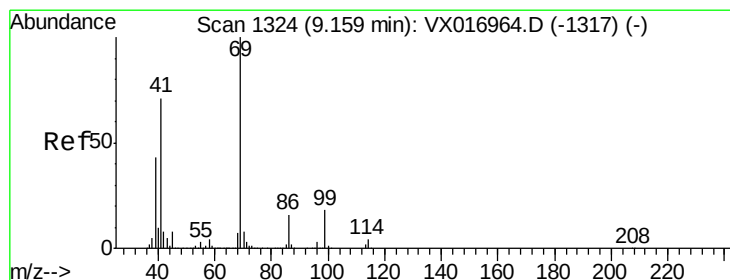
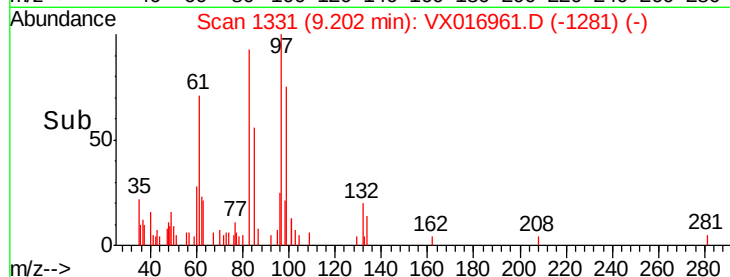
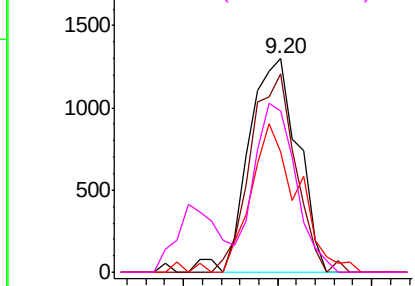
Abundance

Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

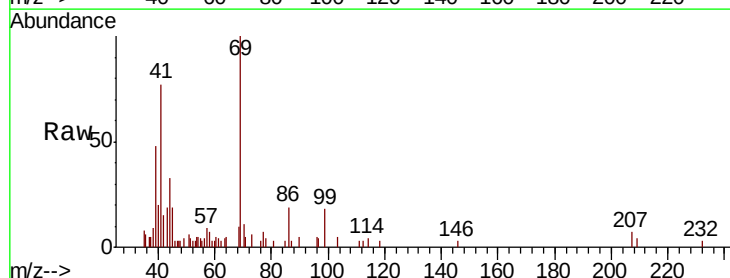
Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0



#56
 Ethyl methacrylate
 Concen: 0.744 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. -0.00 min
 Lab File: VX016961.D
 Acq: 25 Jun 2020 18:29

Tgt Ion:	69	Resp:	2947
Ion	Ratio	Lower	Upper
69	100		
41	73.0	55.9	83.9
39	52.4	34.6	51.8#

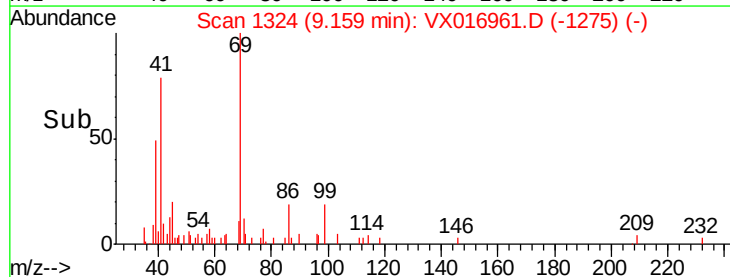
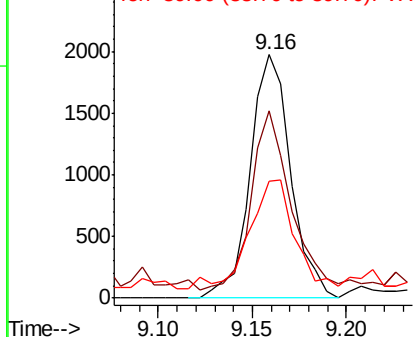


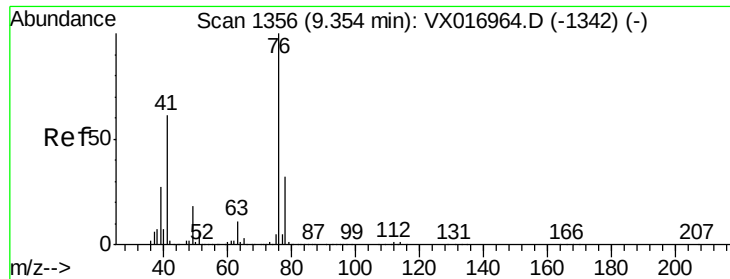
Abundance

Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

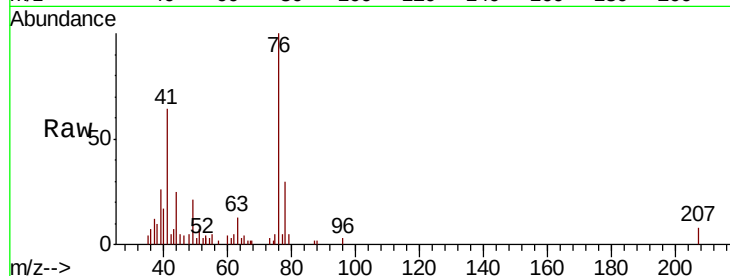




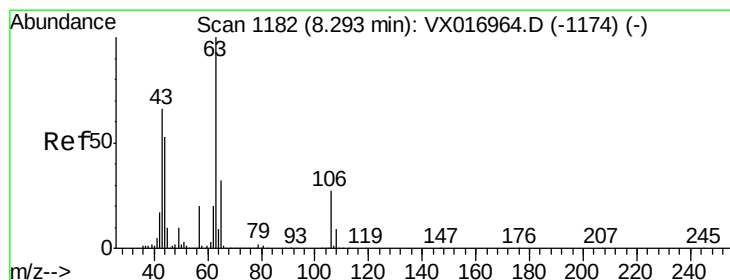
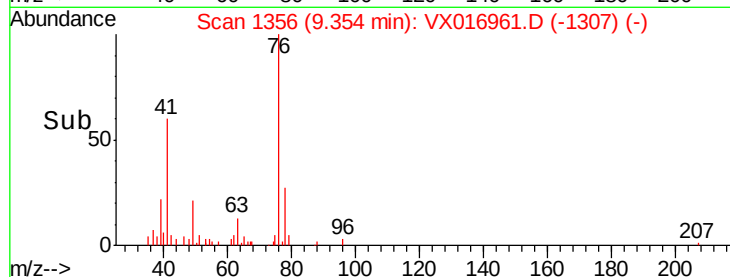
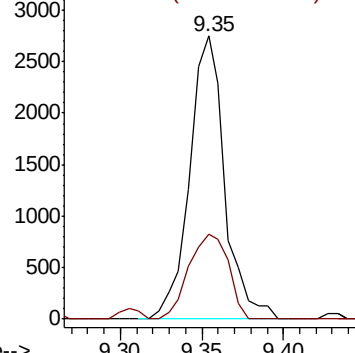
#57
 1,3-Dichloropropane
 Concen: 0.974 ug/l
 RT: 9.35 min Scan# 1356
 Delta R.T. -0.00 min
 Lab File: VX016961.D
 Acq: 25 Jun 2020 18:29

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Tot Ion: 76 Resp: 4122
 Ion Ratio Lower Upper
 76 100
 78 33.8 26.0 39.0

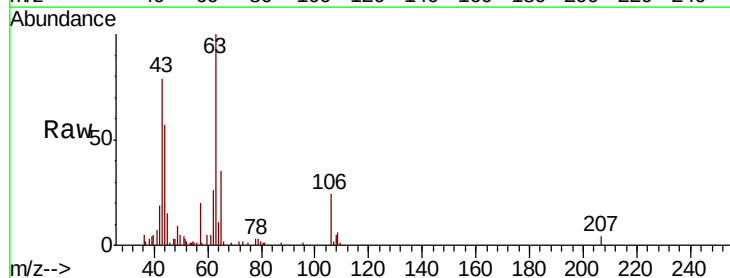


Abundance Ion 75.90 (75.60 to 76.60): VX0
 Ion 77.90 (77.60 to 78.60): VX0

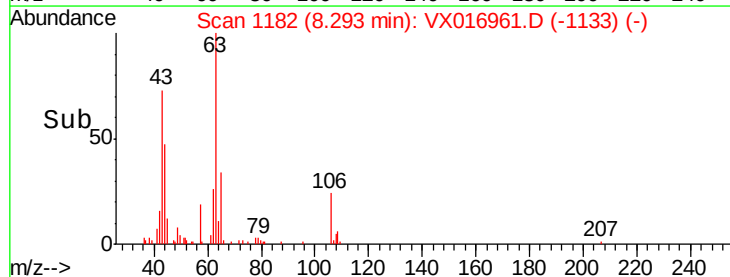
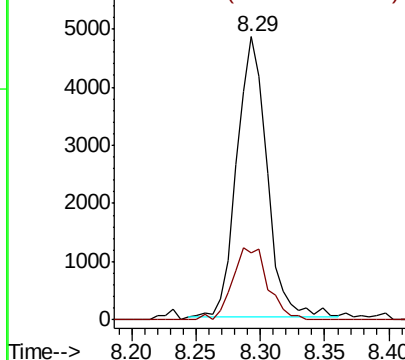


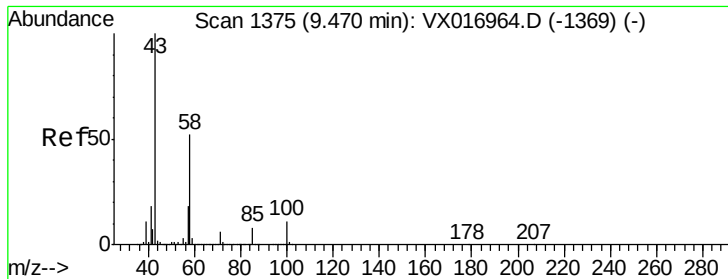
#58
 2-Chloroethyl Vinyl ether
 Concen: 3.917 ug/l
 RT: 8.29 min Scan# 1182
 Delta R.T. -0.00 min
 Lab File: VX016961.D
 Acq: 25 Jun 2020 18:29

Tgt Ion: 63 Resp: 7719
 Ion Ratio Lower Upper
 63 100
 106 30.8 22.1 33.1



Abundance Ion 62.90 (62.60 to 63.60): VX0
 Ion 105.90 (105.60 to 106.60): V

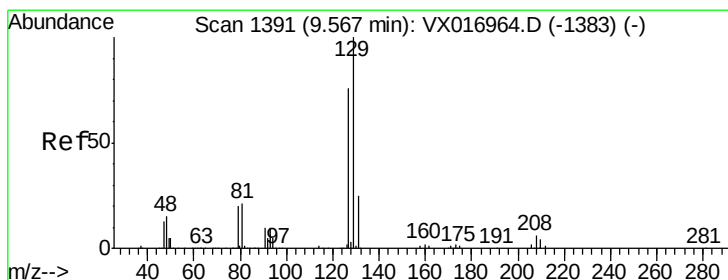
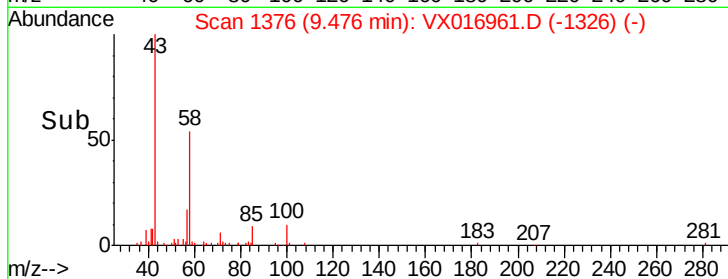
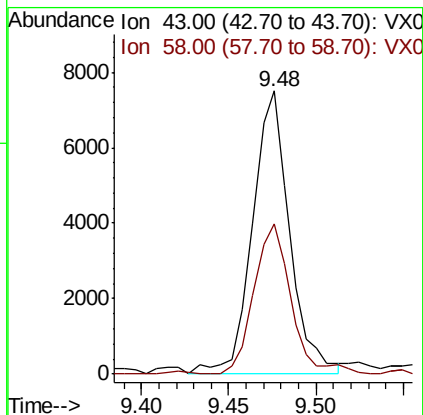
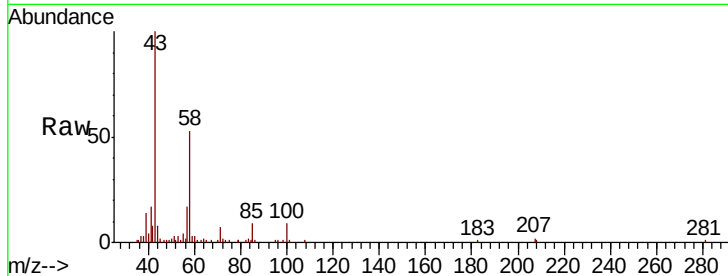




#59
2-Hexanone
Concen: 4.450 ug/l
RT: 9.48 min Scan# 1376
Delta R.T. 0.01 min
Lab File: VX016961.D
Acq: 25 Jun 2020 18:29

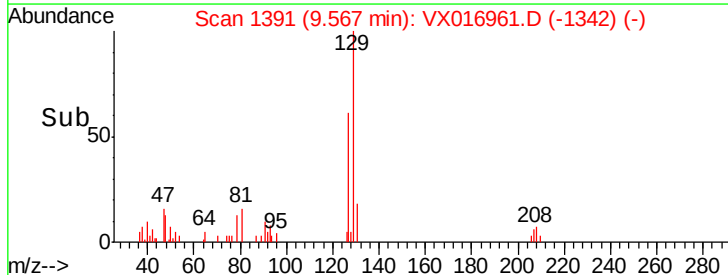
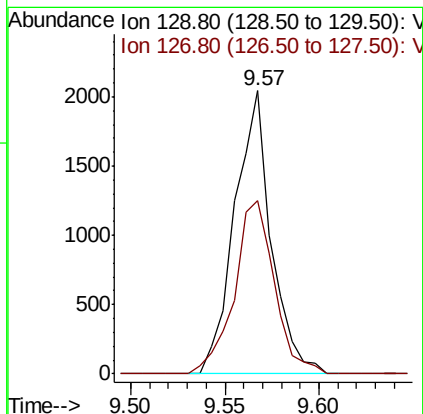
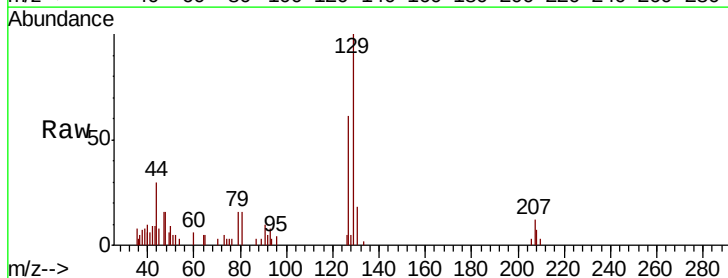
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

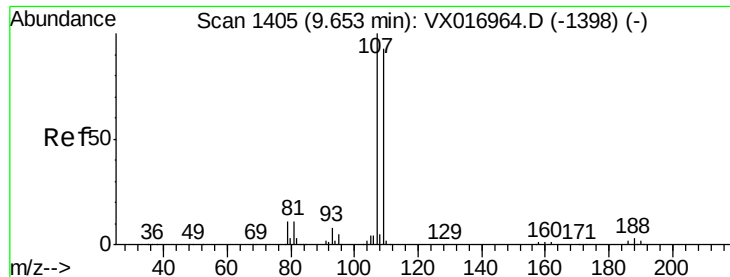
Tot Ion: 43 Resp: 11108
Ion Ratio Lower Upper
43 100
58 53.0 26.3 78.9



#60
Dibromochloromethane
Concen: 1.091 ug/l
RT: 9.57 min Scan# 1391
Delta R.T. -0.00 min
Lab File: VX016961.D
Acq: 25 Jun 2020 18:29

Tgt Ion: 129 Resp: 2741
Ion Ratio Lower Upper
129 100
127 67.3 38.0 114.0





#61

1,2-Dibromoethane

Concen: 1.019 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. -0.00 min

Lab File: VX016961.D

Acq: 25 Jun 2020 18:29

Instrument :

MSVOA_X

ClientSampleId :

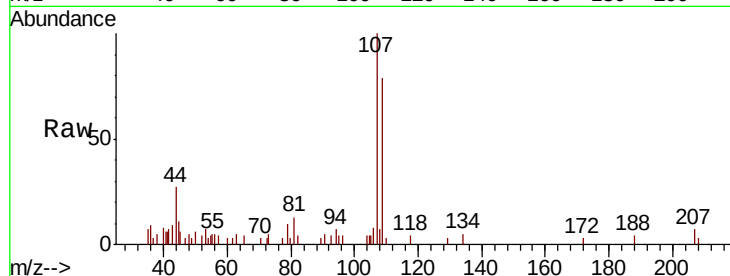
VSTDIC001

Tot Ion:107 Resp: 2620

Ion Ratio Lower Upper

107 100

109 85.4 75.0 112.6



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

2000

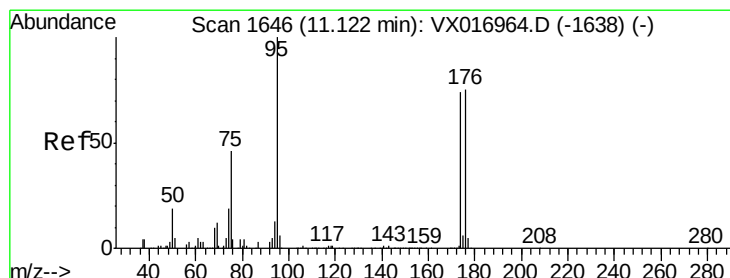
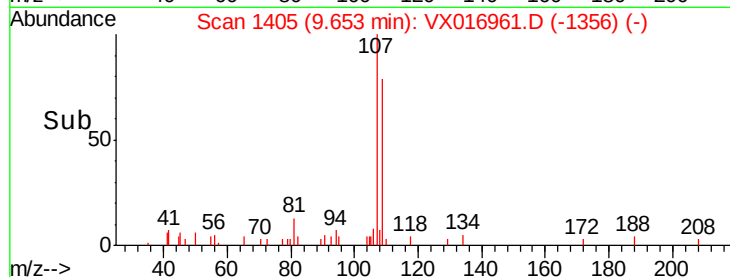
1500

1000

500

0

Time--> 9.55 9.60 9.65 9.70



#62

4-Bromofluorobenzene

Concen: 1.102 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX016961.D

Acq: 25 Jun 2020 18:29

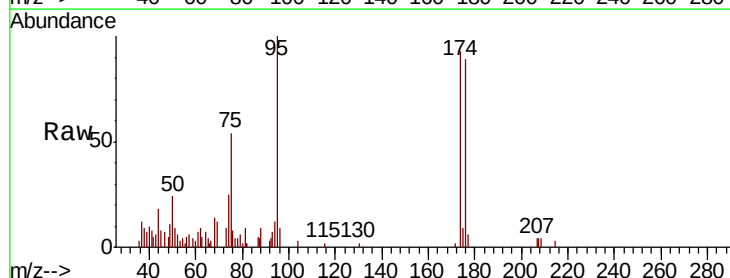
Tgt Ion: 95 Resp: 3626

Ion Ratio Lower Upper

95 100

174 84.1 0.0 149.6

176 77.9 0.0 148.2



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

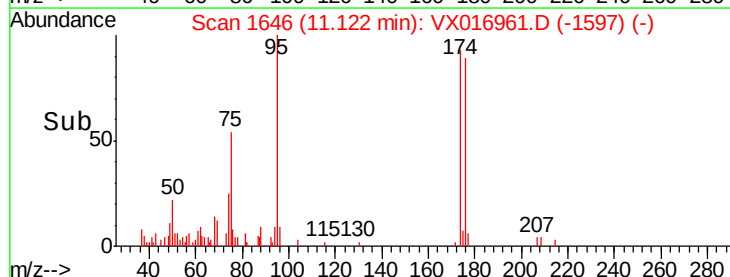
3000

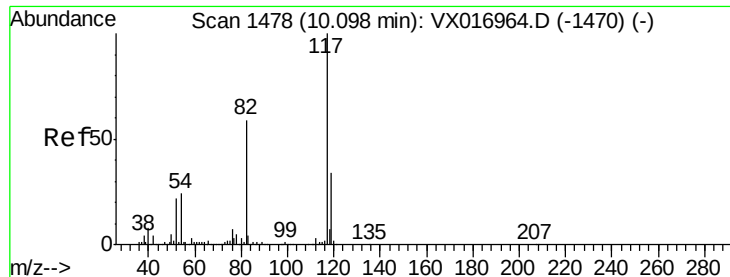
2000

1000

0

Time--> 11.05 11.10 11.15

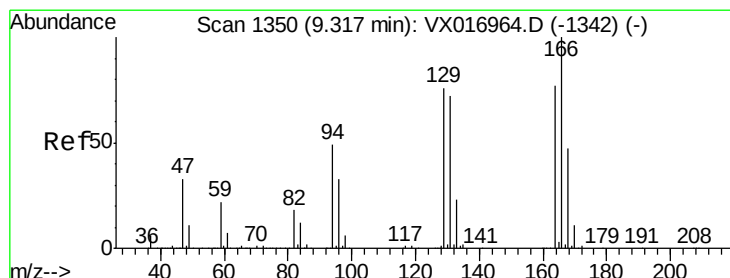
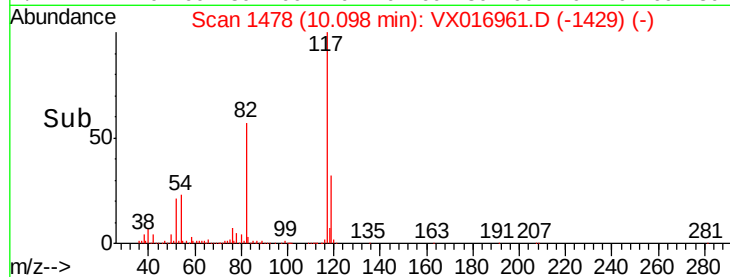
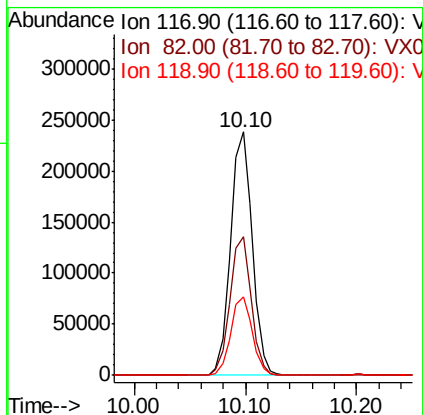
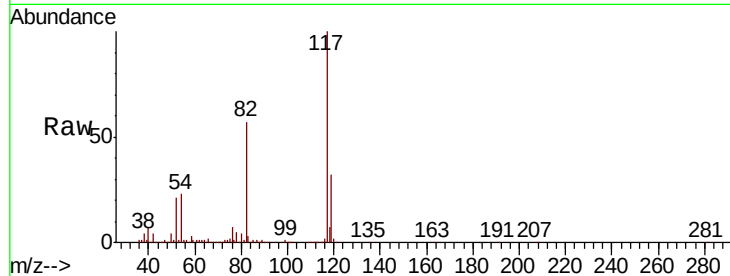




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX016961.D
Acq: 25 Jun 2020 18:29

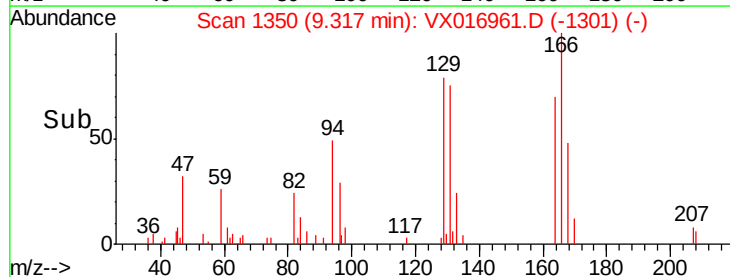
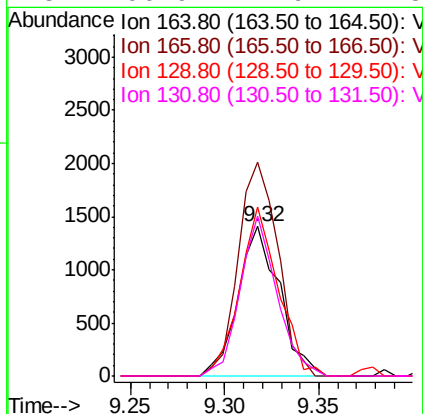
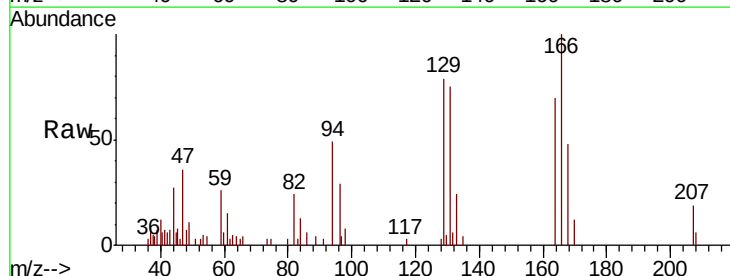
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

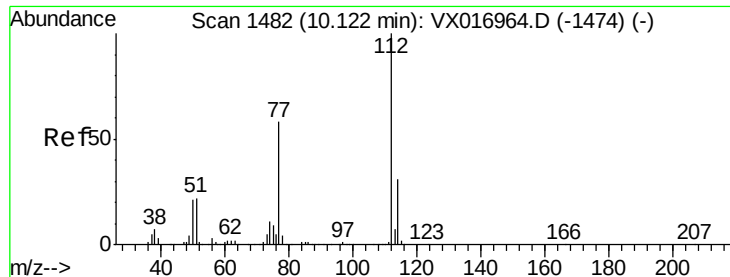
Tot Ion:117 Resp: 319919
Ion Ratio Lower Upper
117 100
82 56.8 46.8 70.2
119 32.2 27.3 40.9



#64
Tetrachloroethene
Concen: 0.709 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX016961.D
Acq: 25 Jun 2020 18:29

Tgt Ion:164 Resp: 2139
Ion Ratio Lower Upper
164 100
166 142.9 104.2 156.4
129 112.7 79.3 118.9
131 106.9 74.9 112.3

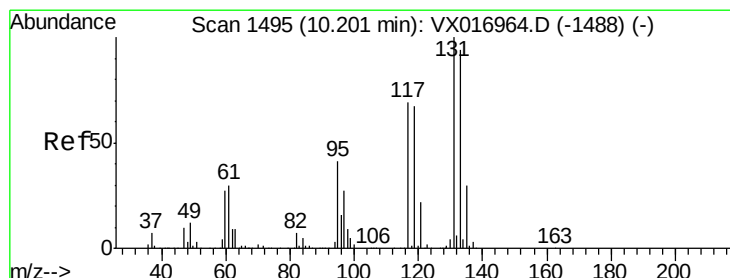
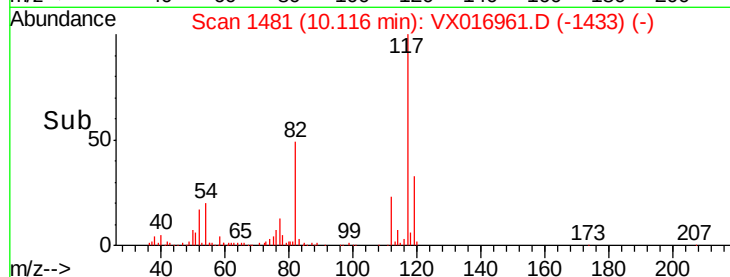
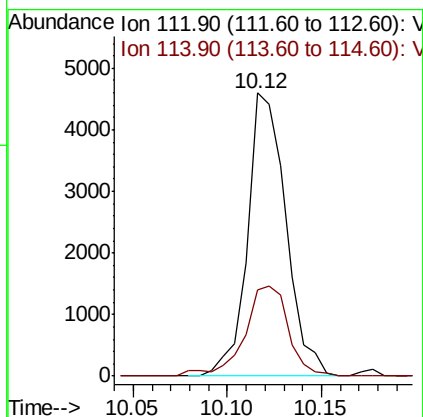
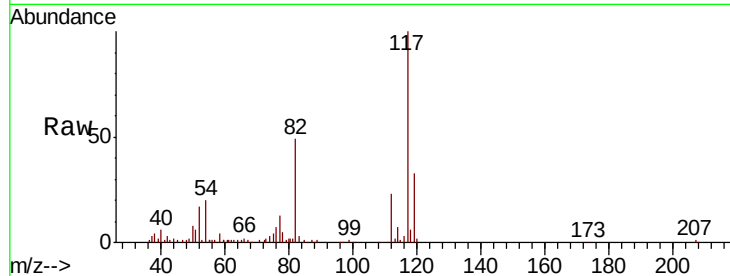




#65
Chlorobenzene
Concen: 1.018 ug/l
RT: 10.12 min Scan# 1481
Delta R.T. -0.01 min
Lab File: VX016961.D
Acq: 25 Jun 2020 18:29

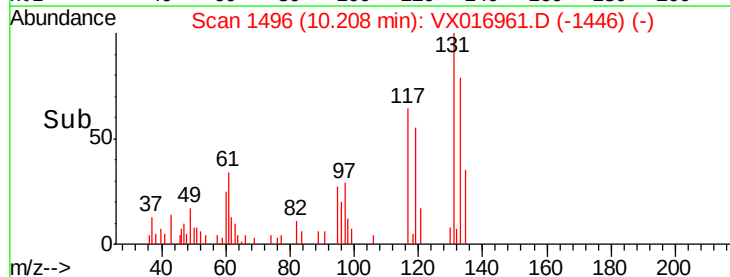
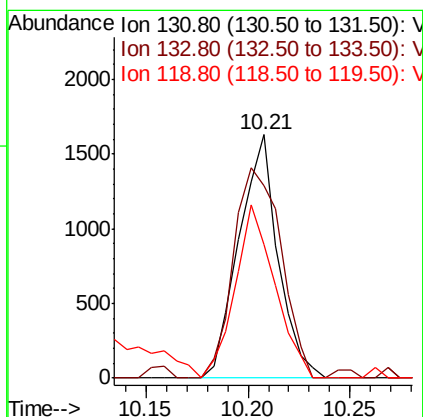
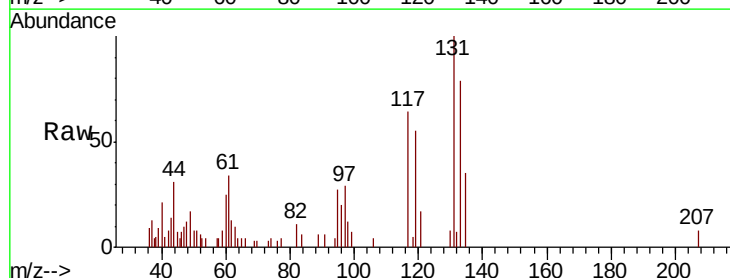
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

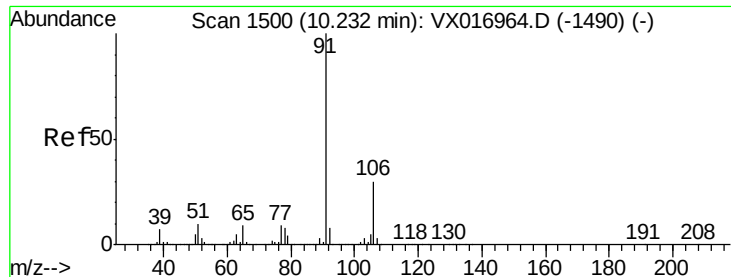
Tot Ion:112 Resp: 6484
Ion Ratio Lower Upper
112 100
114 30.4 24.8 37.2



#66
1,1,1,2-Tetrachloroethane
Concen: 0.947 ug/l
RT: 10.21 min Scan# 1496
Delta R.T. 0.01 min
Lab File: VX016961.D
Acq: 25 Jun 2020 18:29

Tgt Ion:131 Resp: 2163
Ion Ratio Lower Upper
131 100
133 105.5 48.0 144.0
119 0.0 32.8 98.4#

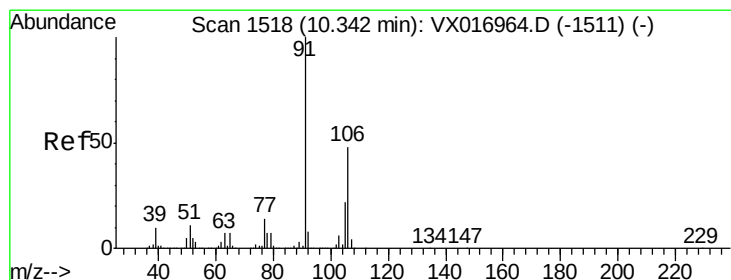
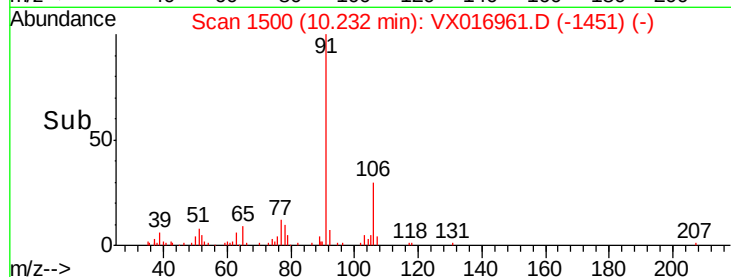
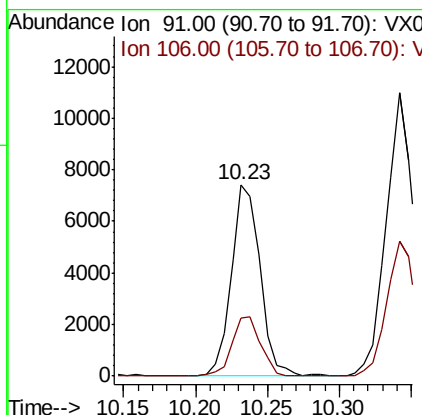
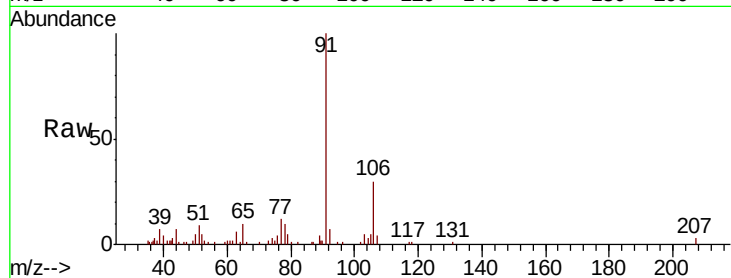




#67
Ethyl Benzene
Concen: 0.884 ug/l
RT: 10.23 min Scan# 1500
Delta R.T. -0.00 min
Lab File: VX016961.D
Acq: 25 Jun 2020 18:29

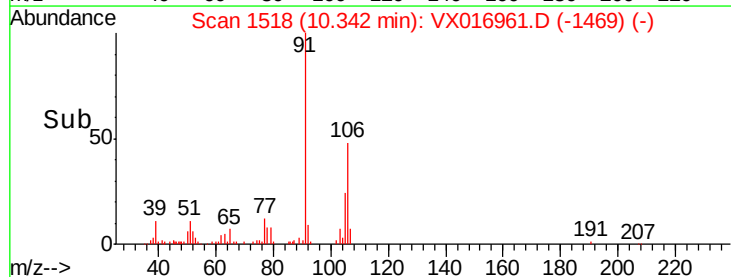
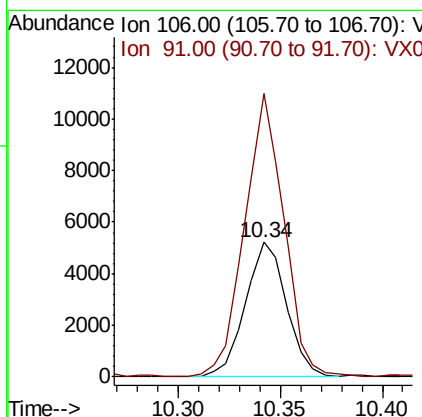
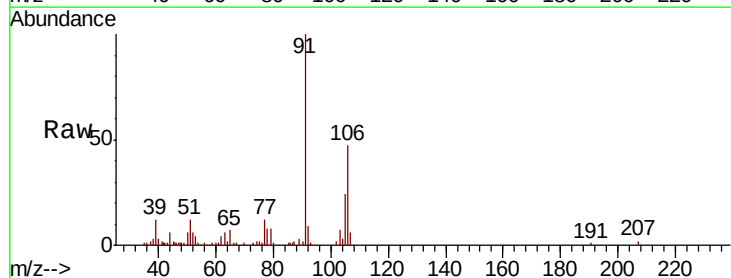
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

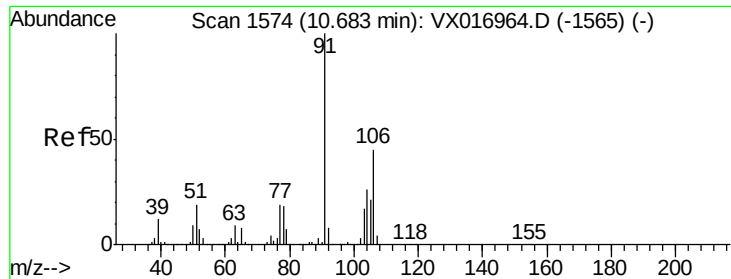
Tot Ion: 91 Resp: 10382
Ion Ratio Lower Upper
91 100
106 30.3 24.1 36.1



#68
m/p-Xylenes
Concen: 1.695 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. -0.00 min
Lab File: VX016961.D
Acq: 25 Jun 2020 18:29

Tgt Ion: 106 Resp: 7310
Ion Ratio Lower Upper
106 100
91 201.6 164.1 246.1

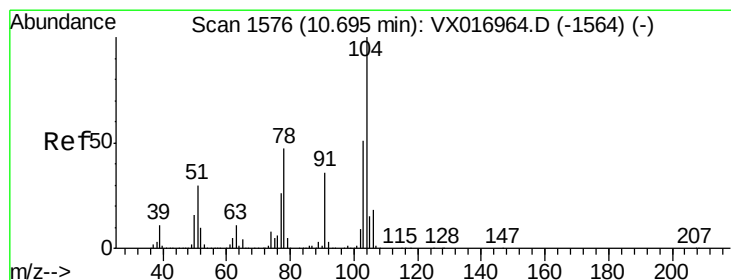
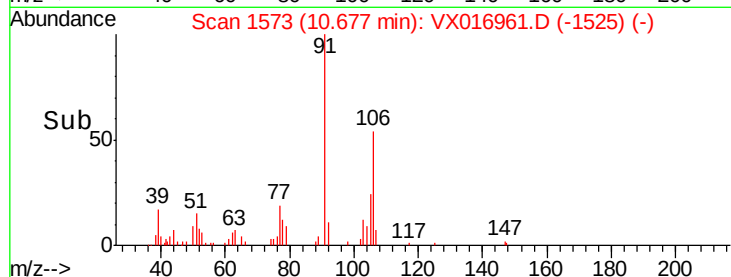
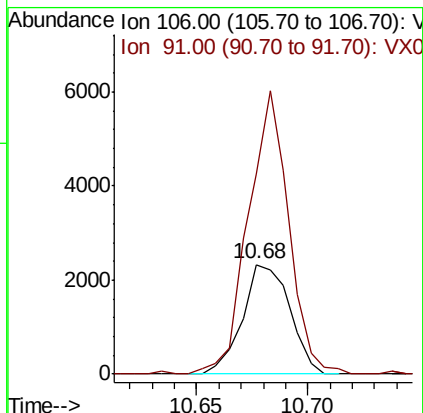
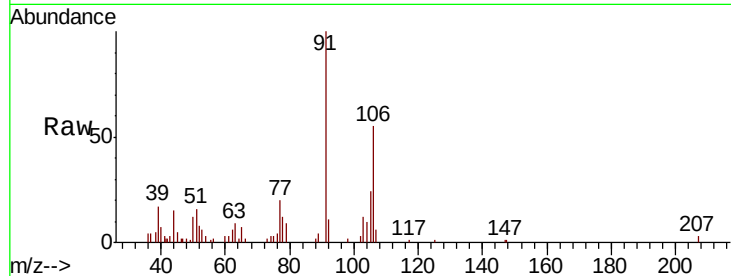




#69
o-Xylene
Concen: 0.823 ug/l
RT: 10.68 min Scan# 1573
Delta R.T. -0.01 min
Lab File: VX016961.D
Acq: 25 Jun 2020 18:29

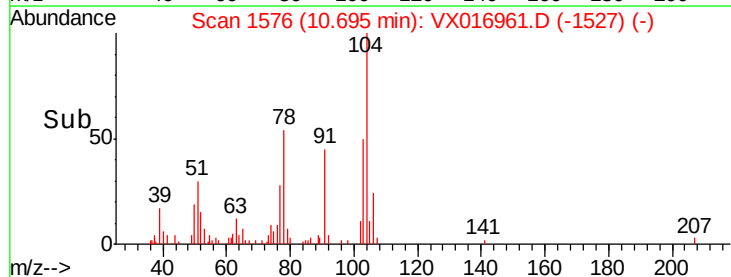
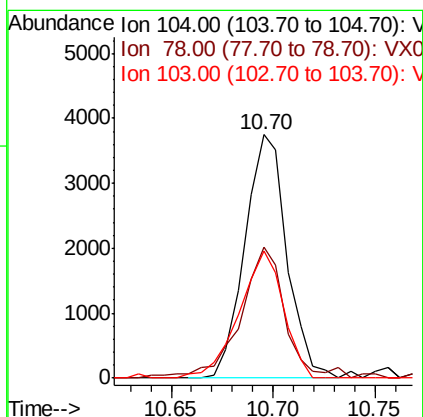
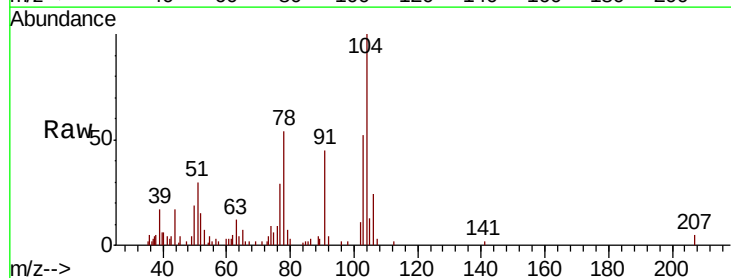
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

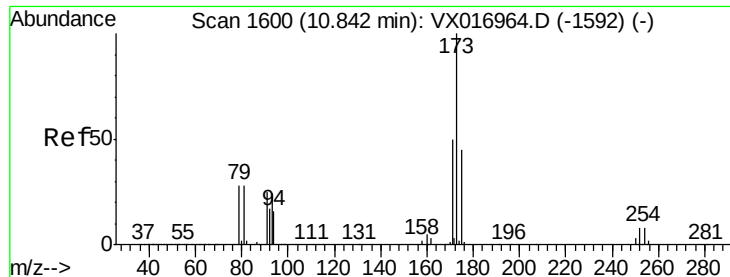
Tot Ion:106 Resp: 3450
Ion Ratio Lower Upper
106 100
91 221.1 109.1 327.2



#70
Styrene
Concen: 0.743 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX016961.D
Acq: 25 Jun 2020 18:29

Tgt Ion:104 Resp: 5360
Ion Ratio Lower Upper
104 100
78 58.5 41.9 62.9
103 54.9 43.9 65.9





#71

Bromoform

Concen: 1.023 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VX016961.D

Acq: 25 Jun 2020 18:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

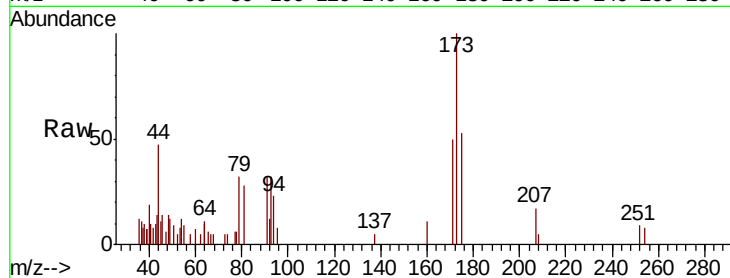
Tot Ion:173 Resp: 1635

Ion Ratio Lower Upper

173 100

175 50.8 23.4 70.2

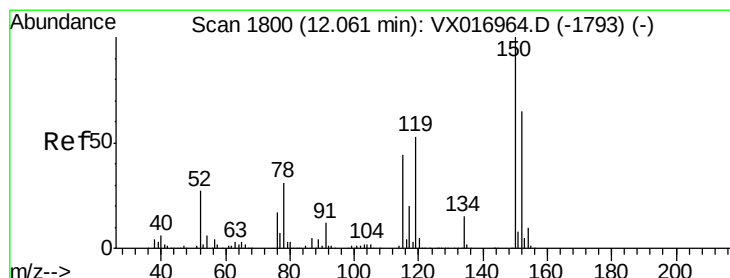
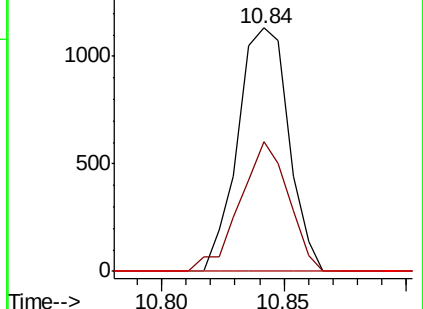
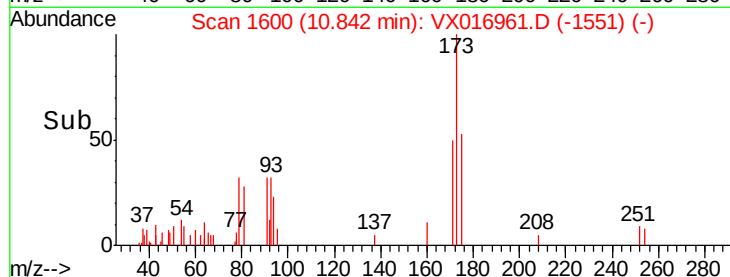
254 0.0 0.0 0.0



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: VX016961.D

Acq: 25 Jun 2020 18:29

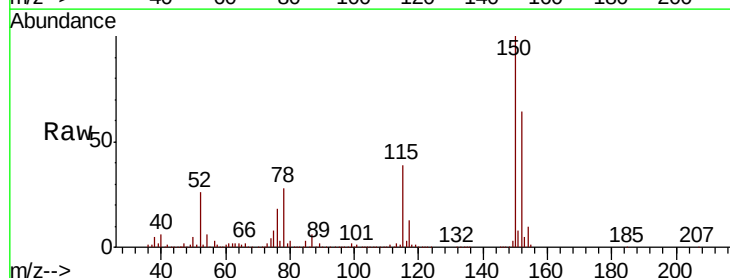
Tgt Ion:152 Resp: 150073

Ion Ratio Lower Upper

152 100

115 60.4 42.8 128.4

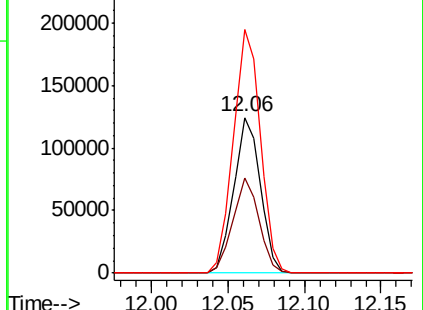
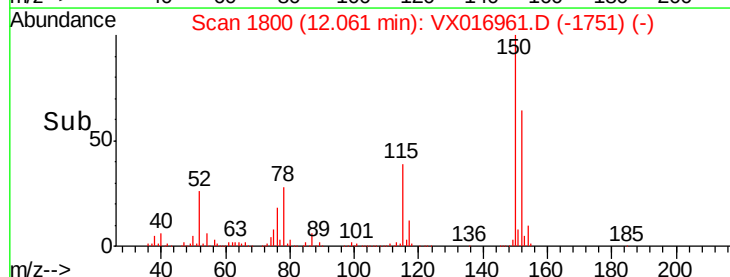
150 159.1 0.0 347.8

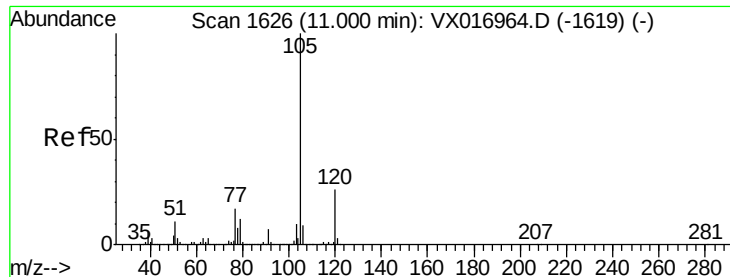


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 0.797 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.00 min

Lab File: VX016961.D

Acq: 25 Jun 2020 18:29

Instrument :

MSVOA_X

ClientSampleId :

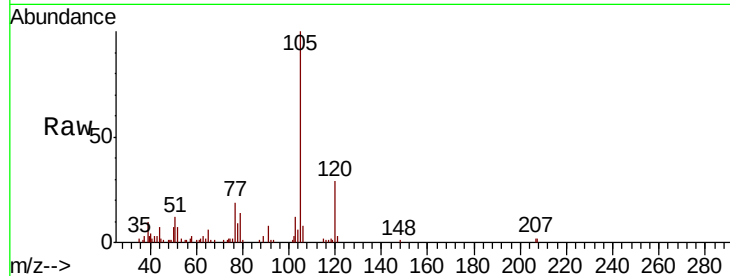
VSTDIC001

Tot Ion:105 Resp: 8795

Ion Ratio Lower Upper

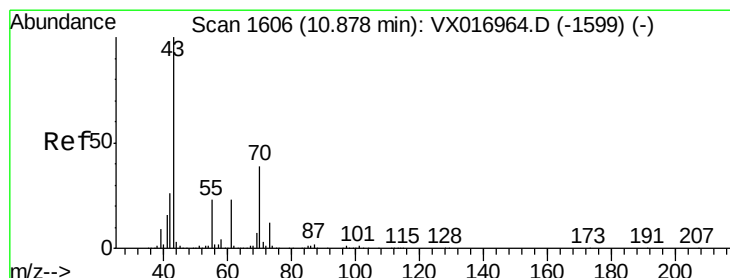
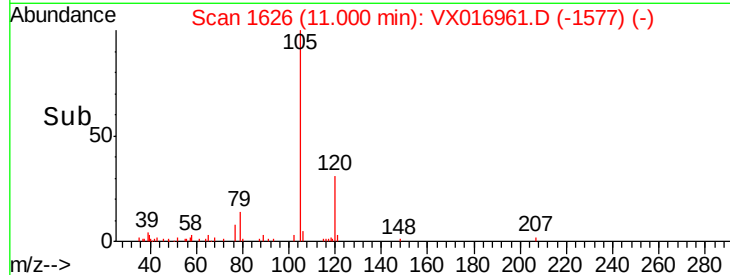
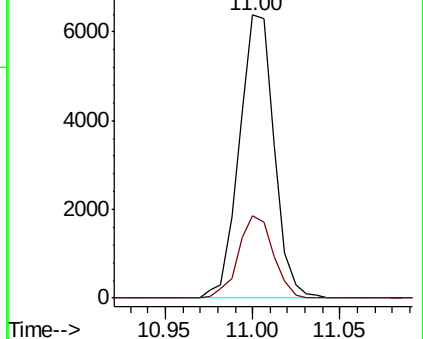
105 100

120 29.2 13.1 39.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 0.760 ug/l

RT: 10.88 min Scan# 1607

Delta R.T. 0.01 min

Lab File: VX016961.D

Acq: 25 Jun 2020 18:29

Tgt Ion: 43 Resp: 3710

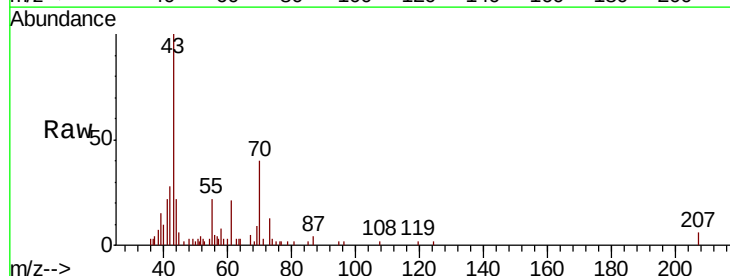
Ion Ratio Lower Upper

43 100

70 44.3 32.1 48.1

55 33.6 18.6 28.0#

61 33.0 18.8 28.2#

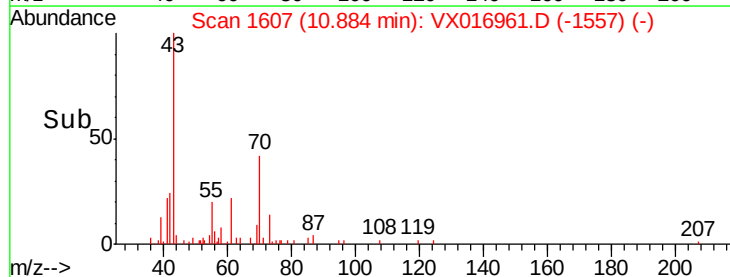
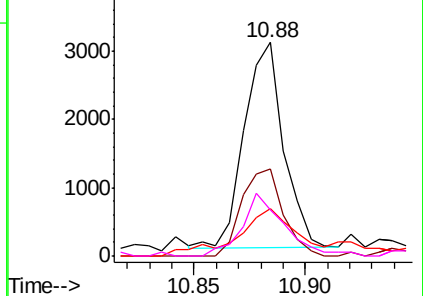


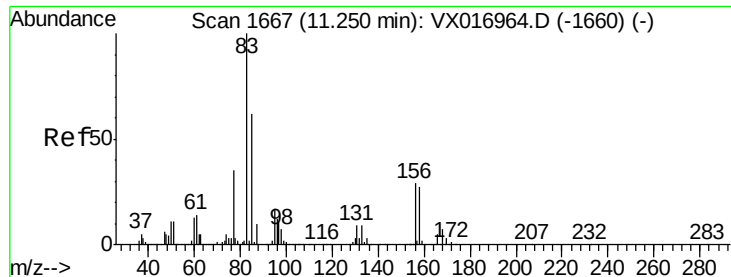
Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 1.309 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. -0.00 min

Lab File: VX016961.D

Acq: 25 Jun 2020 18:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

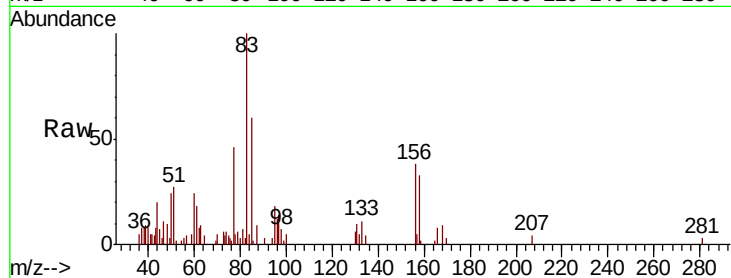
Tot Ion: 83 Resp: 3479

Ion Ratio Lower Upper

83 100

131 10.0 4.9 14.7

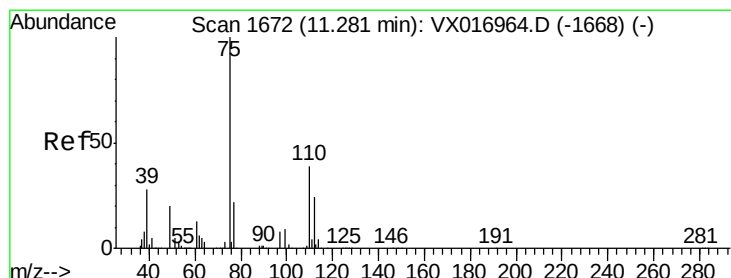
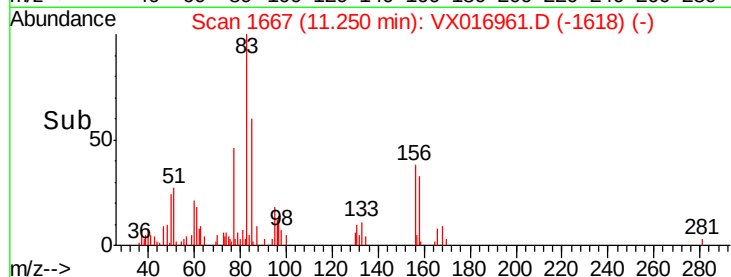
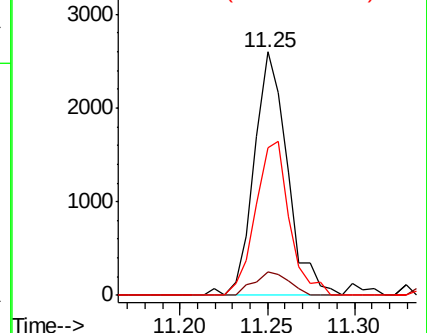
85 64.2 32.0 96.2



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 1.280 ug/l

RT: 11.28 min Scan# 1672

Delta R.T. -0.00 min

Lab File: VX016961.D

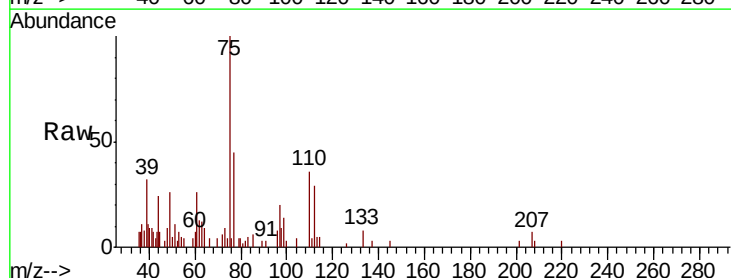
Acq: 25 Jun 2020 18:29

Tgt Ion: 75 Resp: 4120

Ion Ratio Lower Upper

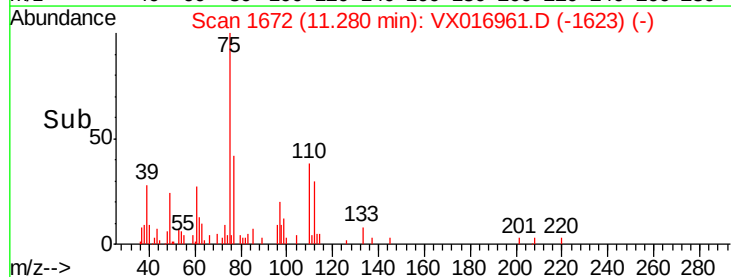
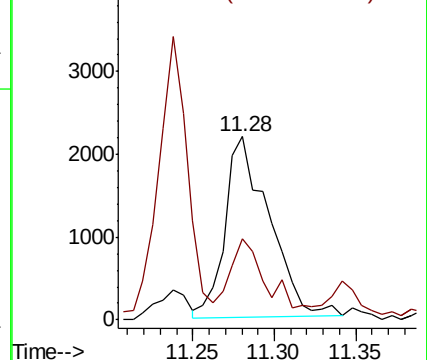
75 100

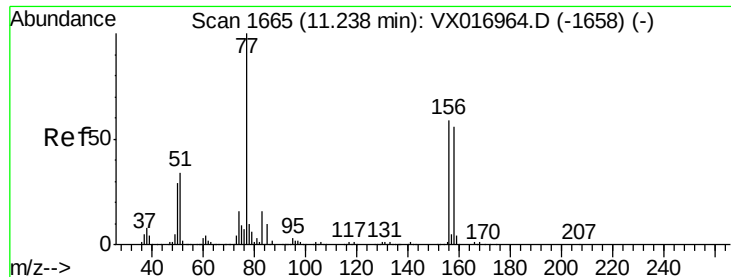
77 40.1 20.3 61.0



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 1.078 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX016961.D

Acq: 25 Jun 2020 18:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

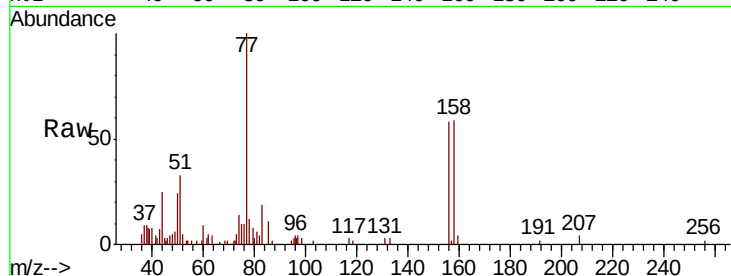
Tot Ion:156 Resp: 2747

Ion Ratio Lower Upper

156 100

77 156.9 85.2 255.6

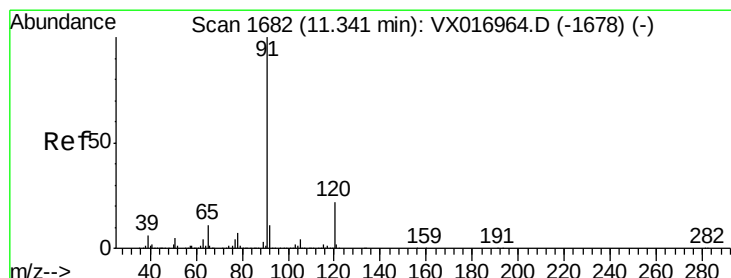
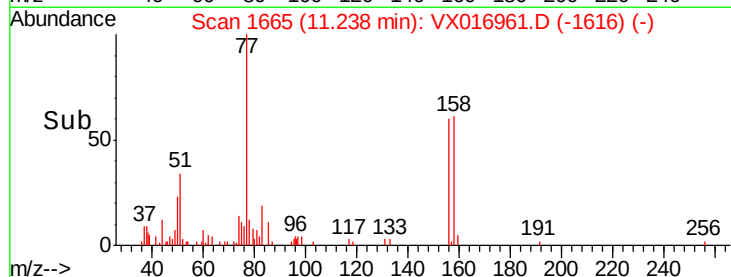
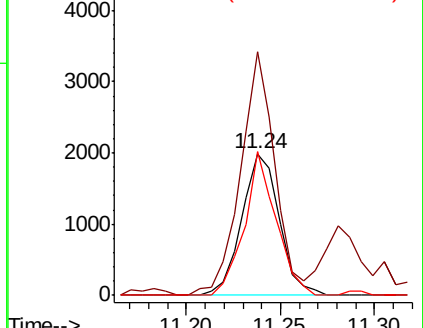
158 85.8 48.3 144.9



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: 0.834 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. -0.00 min

Lab File: VX016961.D

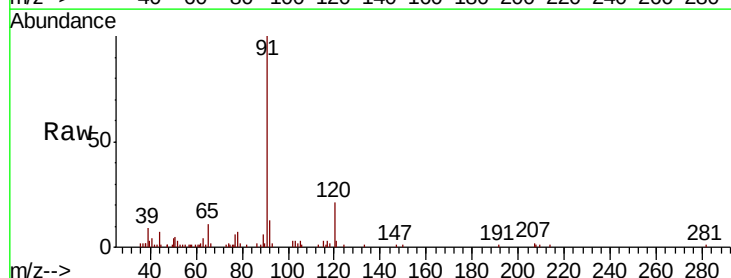
Acq: 25 Jun 2020 18:29

Tgt Ion: 91 Resp: 10884

Ion Ratio Lower Upper

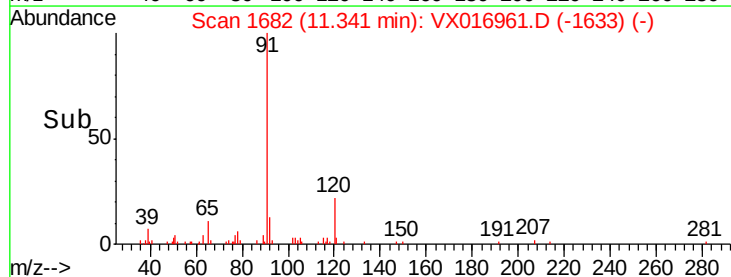
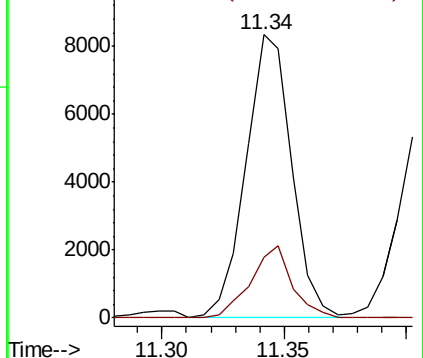
91 100

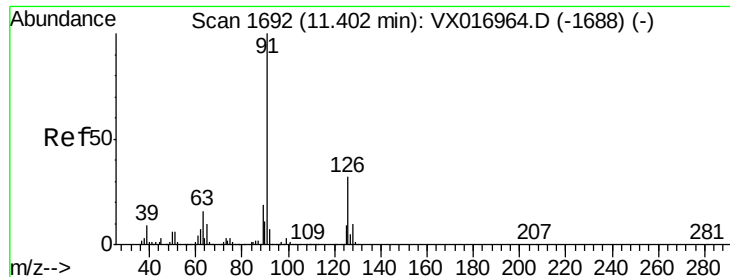
120 23.1 11.3 33.8



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

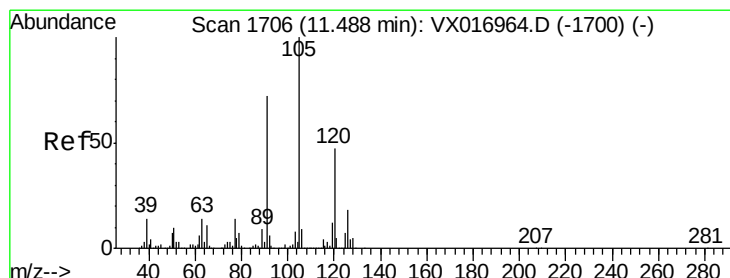
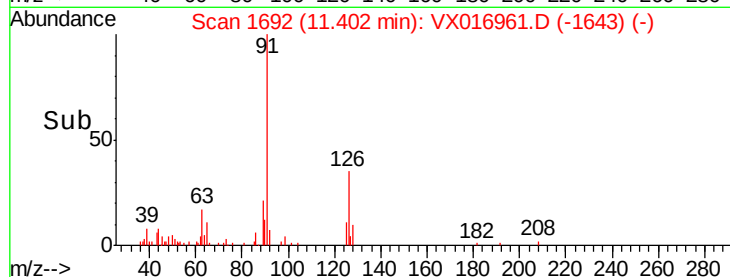
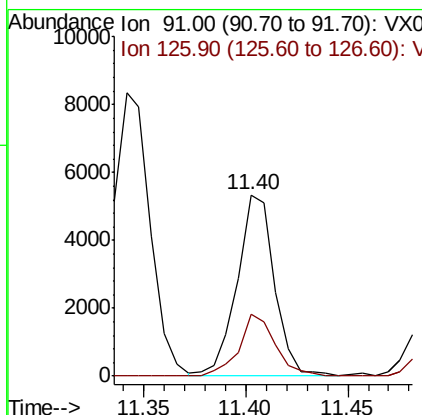
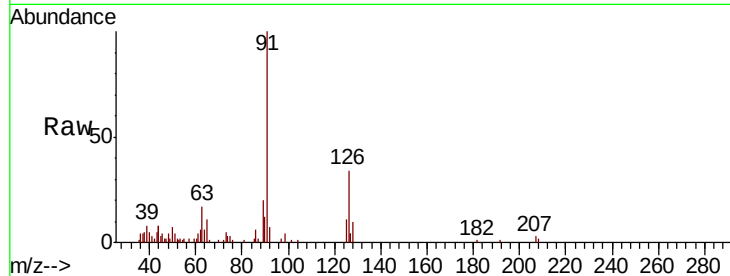




#79
2-Chlorotoluene
Concen: 0.882 ug/l
RT: 11.40 min Scan# 1692
Delta R.T. -0.00 min
Lab File: VX016961.D
Acq: 25 Jun 2020 18:29

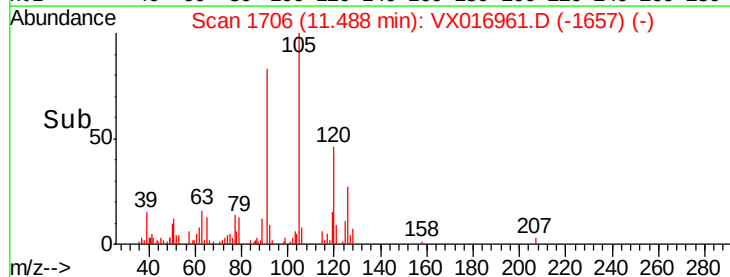
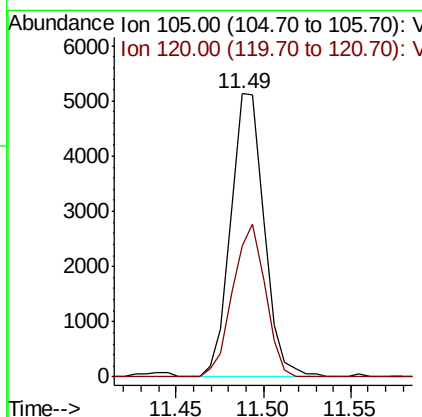
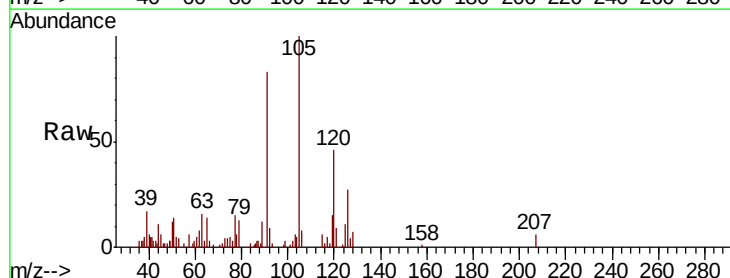
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

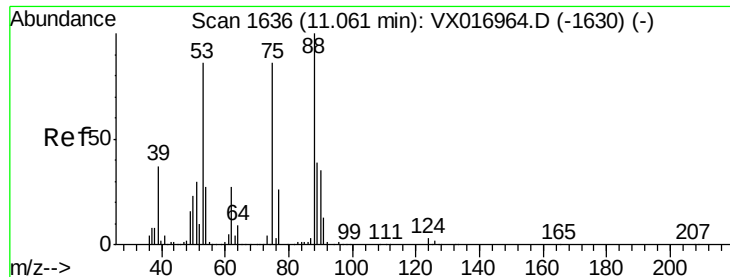
Tot Ion: 91 Resp: 6779
Ion Ratio Lower Upper
91 100
126 33.1 16.6 49.8



#80
1,3,5-Trimethylbenzene
Concen: 0.729 ug/l
RT: 11.49 min Scan# 1706
Delta R.T. -0.00 min
Lab File: VX016961.D
Acq: 25 Jun 2020 18:29

Tgt Ion: 105 Resp: 6834
Ion Ratio Lower Upper
105 100
120 52.4 24.2 72.6





#81

trans-1,4-Dichloro-2-butene

Concen: 0.849 ug/l

RT: 11.05 min Scan# 1635

Delta R.T. -0.01 min

Lab File: VX016961.D

Acq: 25 Jun 2020 18:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

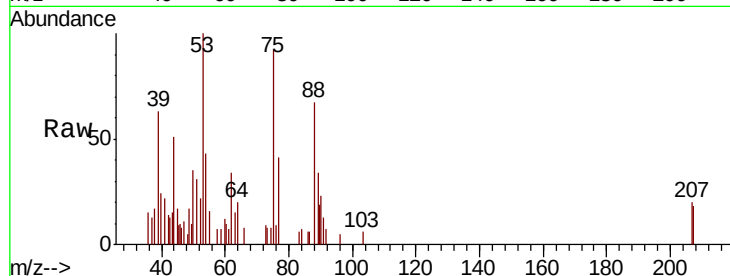
Tot Ion: 75 Resp: 1184

Ion Ratio Lower Upper

75 100

53 119.3 81.9 122.9

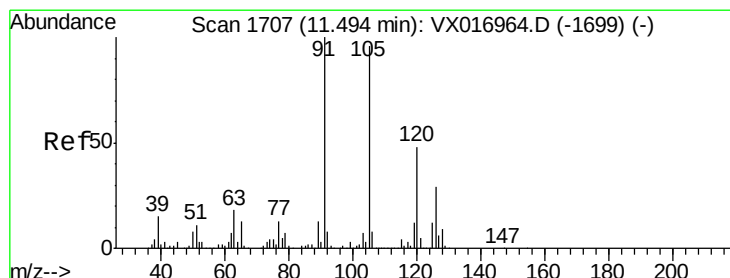
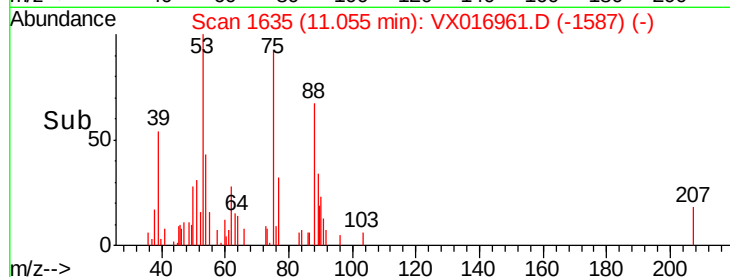
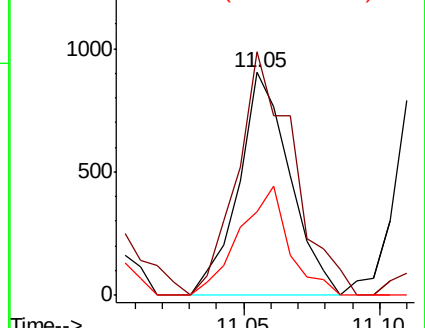
89 47.4 35.5 53.3



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: 0.828 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX016961.D

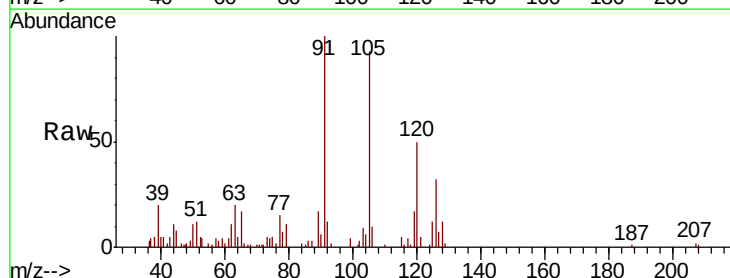
Acq: 25 Jun 2020 18:29

Tgt Ion: 91 Resp: 7610

Ion Ratio Lower Upper

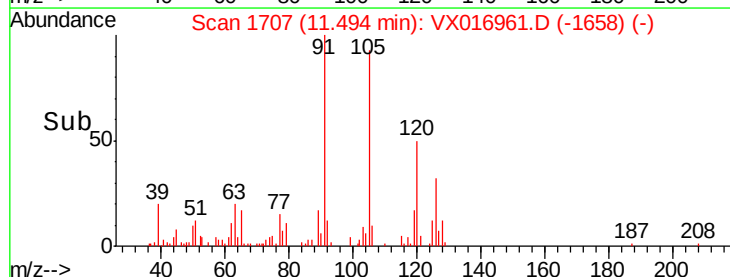
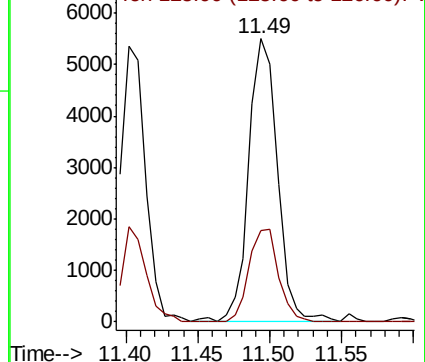
91 100

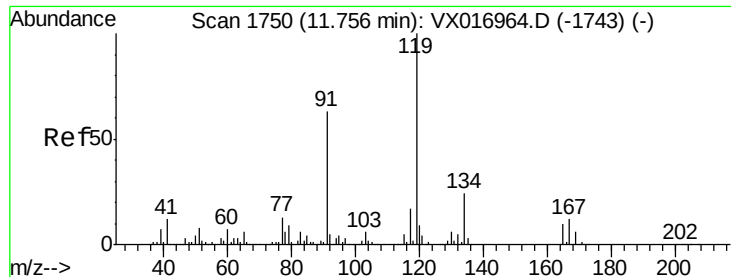
126 33.6 14.6 44.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

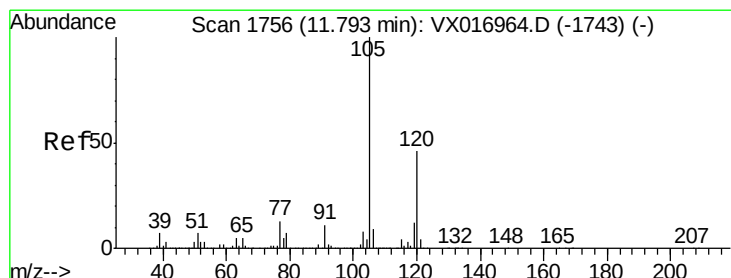
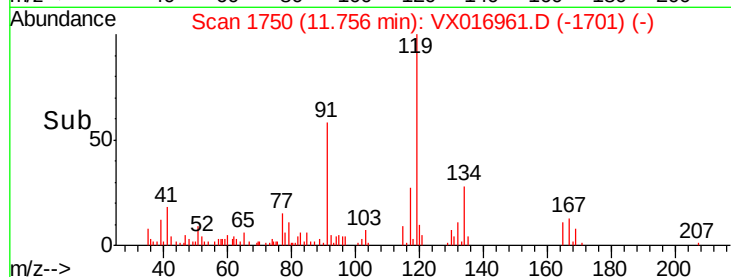
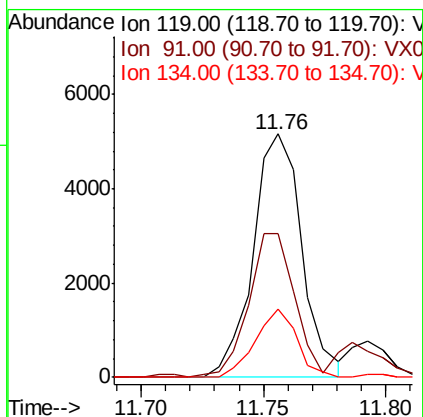
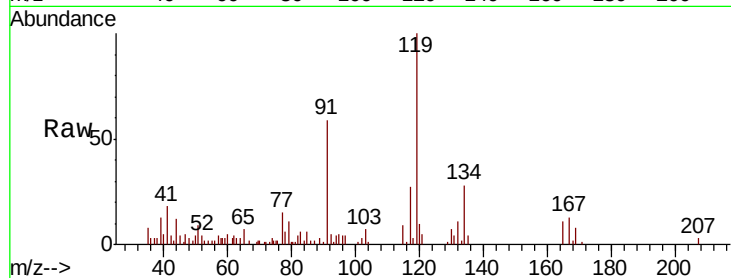




#83
 tert-Butylbenzene
 Concen: 0.888 ug/l
 RT: 11.76 min Scan# 1750
 Delta R.T. -0.00 min
 Lab File: VX016961.D
 Acq: 25 Jun 2020 18:29

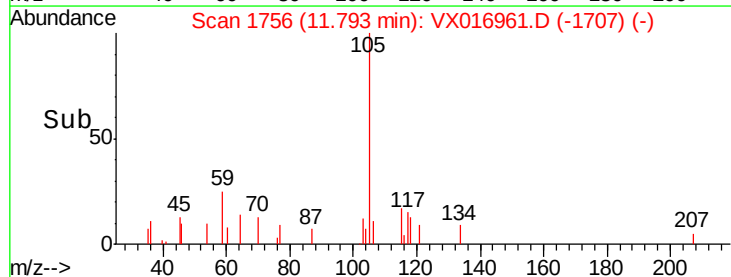
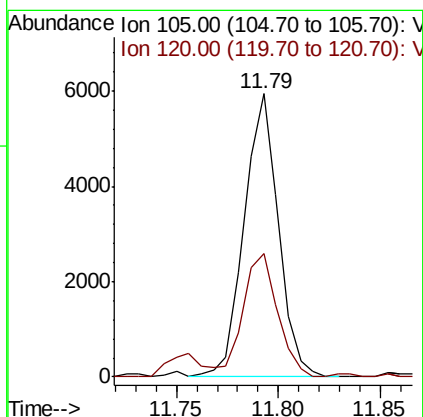
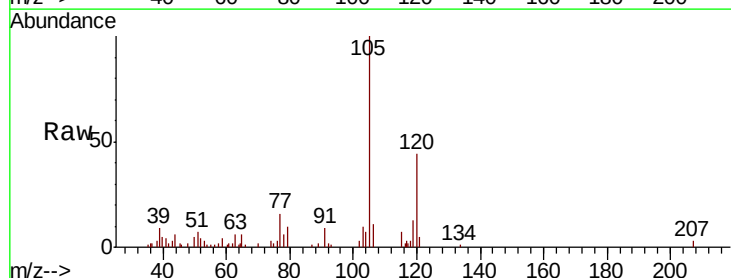
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

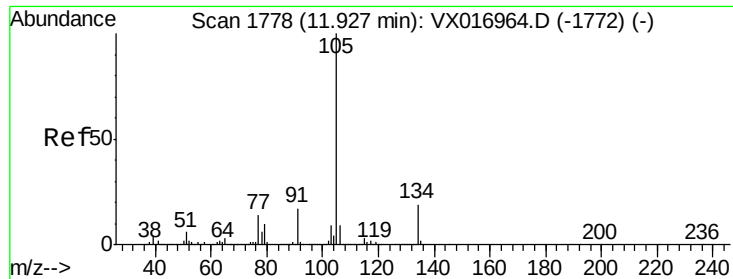
Tot Ion:119 Resp: 7186
 Ion Ratio Lower Upper
 119 100
 91 55.9 30.0 90.0
 134 23.9 11.8 35.3



#84
 1,2,4-Trimethylbenzene
 Concen: 0.720 ug/l
 RT: 11.79 min Scan# 1756
 Delta R.T. -0.00 min
 Lab File: VX016961.D
 Acq: 25 Jun 2020 18:29

Tgt Ion:105 Resp: 6935
 Ion Ratio Lower Upper
 105 100
 120 43.9 22.4 67.3





#85

sec-Butylbenzene

Concen: 0.744 ug/l

RT: 11.93 min Scan# 1778

Delta R.T. -0.00 min

Lab File: VX016961.D

Acq: 25 Jun 2020 18:29

Instrument :

MSVOA_X

ClientSampleId :

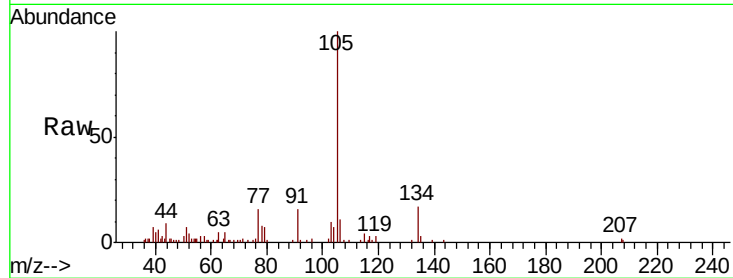
VSTDIC001

Tot Ion:105 Resp: 8034

Ion Ratio Lower Upper

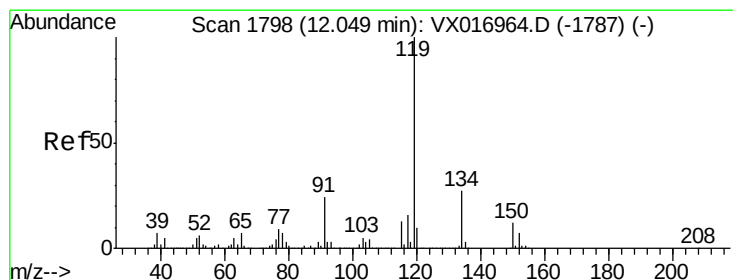
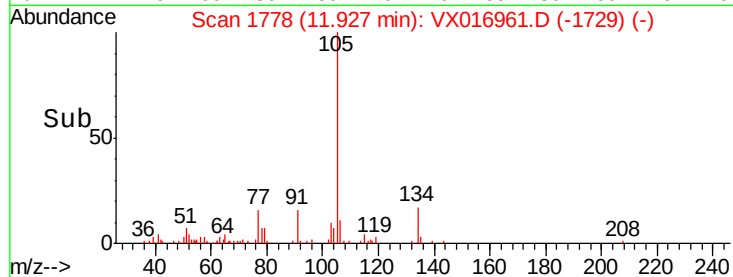
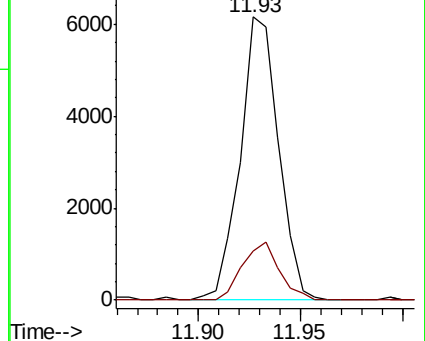
105 100

134 19.7 10.1 30.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 0.742 ug/l

RT: 12.05 min Scan# 1798

Delta R.T. -0.00 min

Lab File: VX016961.D

Acq: 25 Jun 2020 18:29

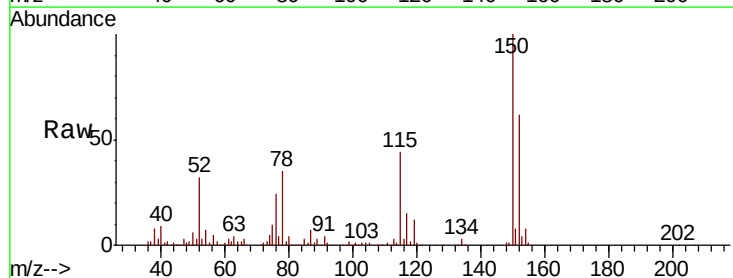
Tgt Ion:119 Resp: 7309

Ion Ratio Lower Upper

119 100

134 30.7 13.1 39.3

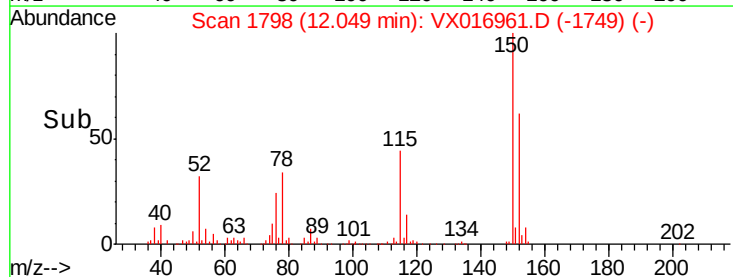
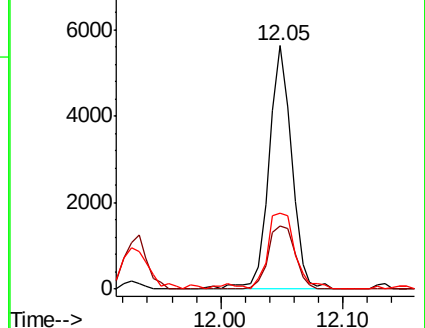
91 37.3 12.4 37.4

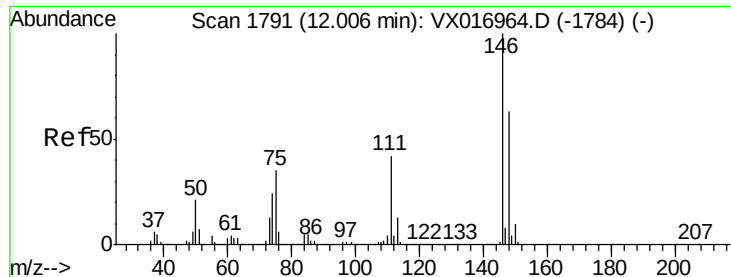


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

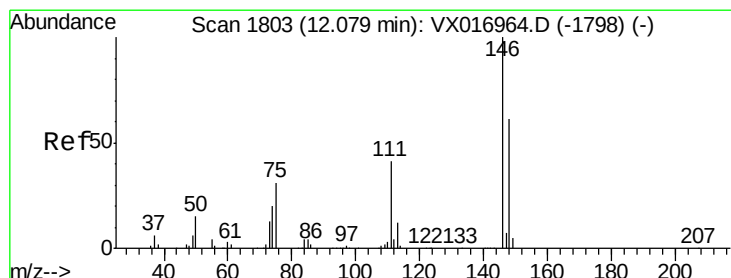
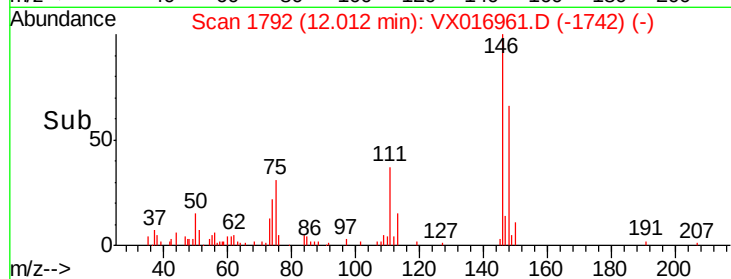
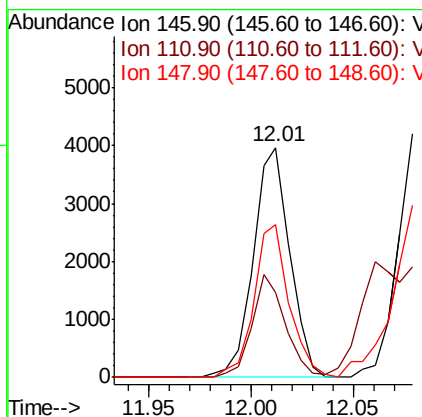
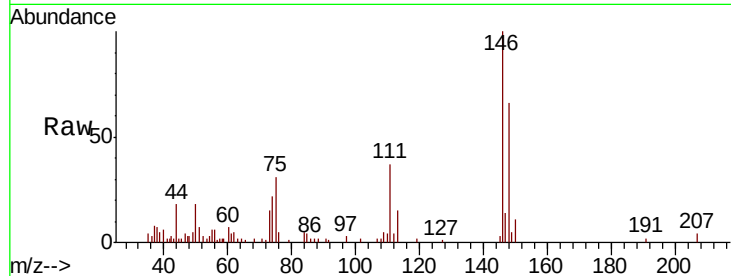




#87
 1,3-Dichlorobenzene
 Concen: 1.053 ug/l
 RT: 12.01 min Scan# 1792
 Delta R.T. 0.01 min
 Lab File: VX016961.D
 Acq: 25 Jun 2020 18:29

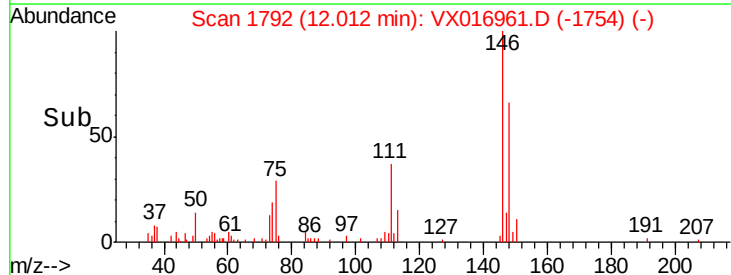
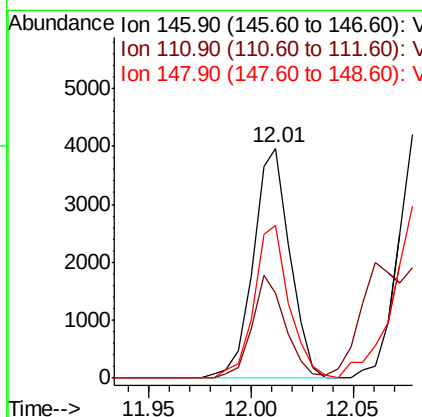
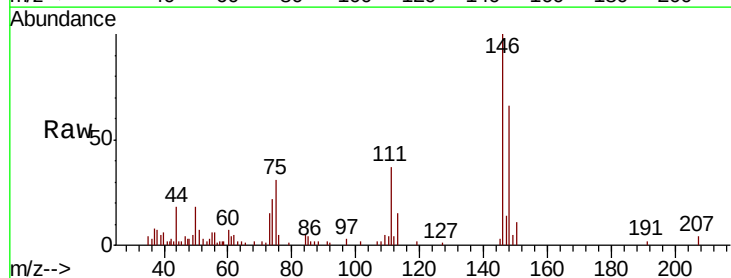
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

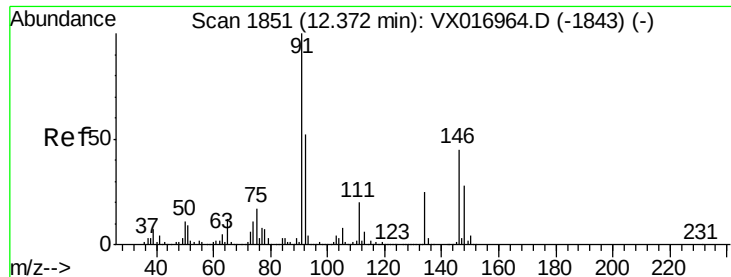
Tot Ion:146 Resp: 4934
 Ion Ratio Lower Upper
 146 100
 111 41.2 20.3 60.9
 148 64.3 32.1 96.3



#88
 1,4-Dichlorobenzene
 Concen: 1.024 ug/l
 RT: 12.01 min Scan# 1792
 Delta R.T. -0.07 min
 Lab File: VX016961.D
 Acq: 25 Jun 2020 18:29

Tgt Ion:146 Resp: 4934
 Ion Ratio Lower Upper
 146 100
 111 41.2 19.9 59.7
 148 64.3 31.3 93.9





#89

n-Butylbenzene

Concen: 0.864 ug/l

RT: 12.37 min Scan# 1851

Delta R.T. -0.00 min

Lab File: VX016961.D

Acq: 25 Jun 2020 18:29

Instrument :

MSVOA_X

ClientSampled :

VSTDIC001

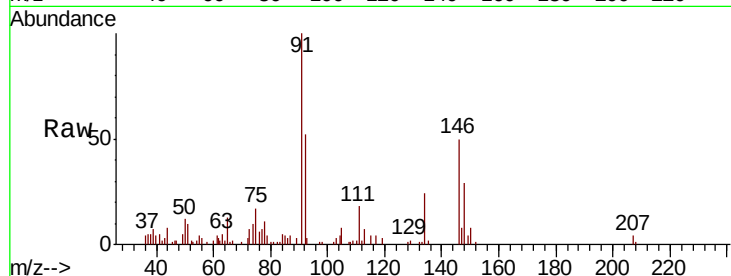
Tot Ion: 91 Resp: 7992

Ion Ratio Lower Upper

91 100

92 47.7 26.6 79.7

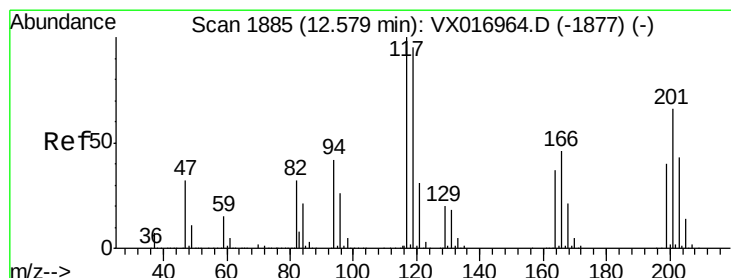
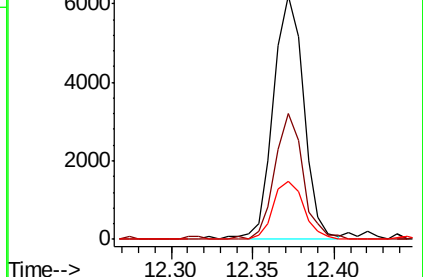
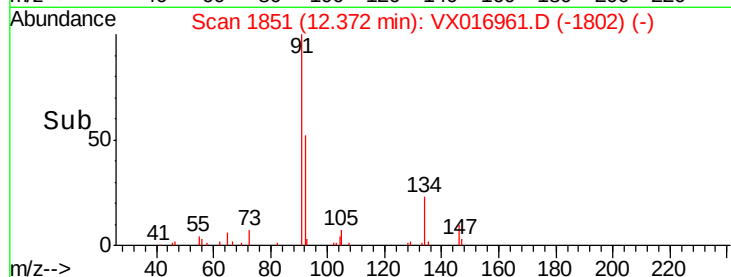
134 24.1 12.6 37.8



Abundance Ion 91.00 (90.70 to 91.70): VX016961.D (-1843) (-)

Ion 92.00 (91.70 to 92.70): VX016961.D (-1843) (-)

Ion 134.00 (133.70 to 134.70): VX016961.D (-1843) (-)



#90

Hexachloroethane

Concen: 1.187 ug/l

RT: 12.58 min Scan# 1885

Delta R.T. -0.00 min

Lab File: VX016961.D

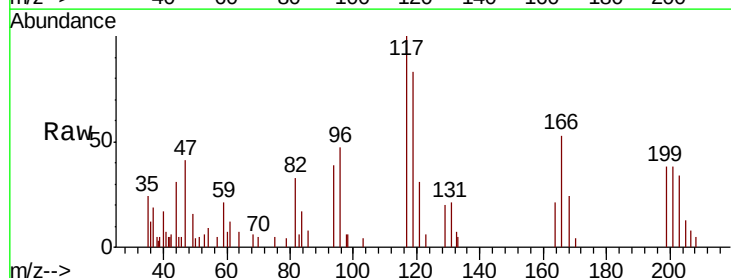
Acq: 25 Jun 2020 18:29

Tgt Ion: 117 Resp: 1903

Ion Ratio Lower Upper

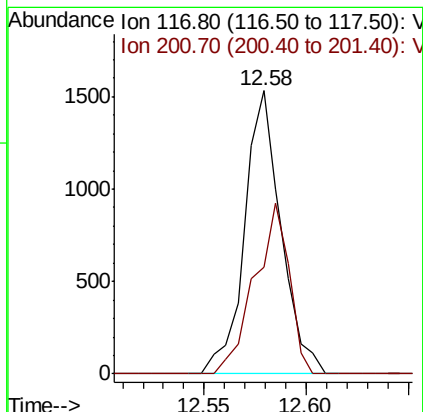
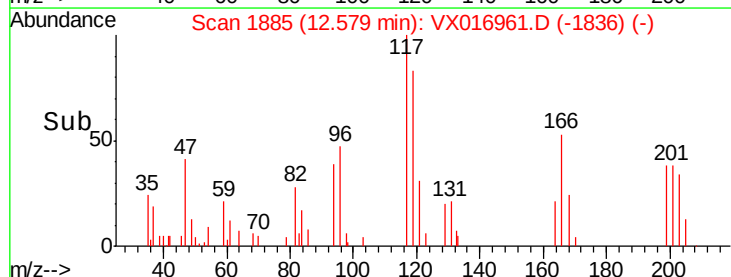
117 100

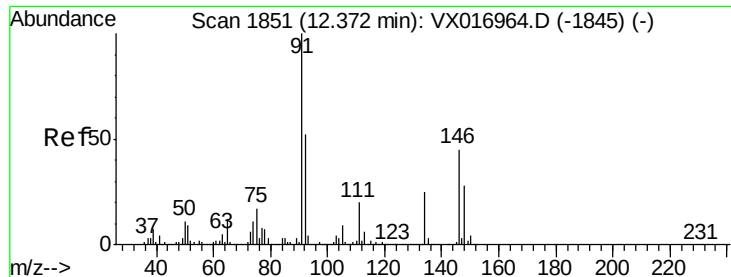
201 57.3 34.0 102.0



Abundance Ion 116.80 (116.50 to 117.50): VX016961.D (-1877) (-)

Ion 200.70 (200.40 to 201.40): VX016961.D (-1877) (-)

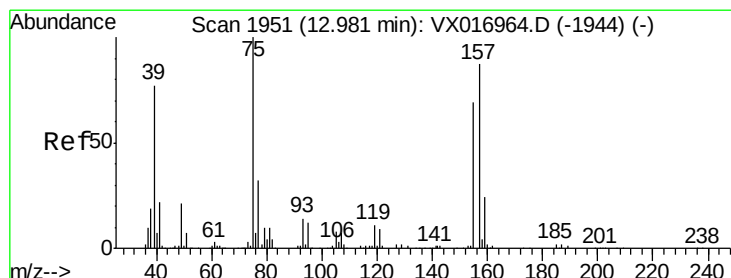
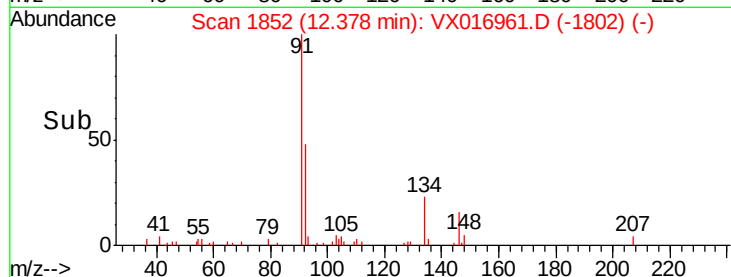
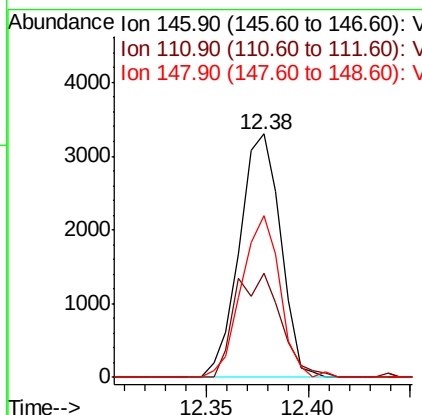
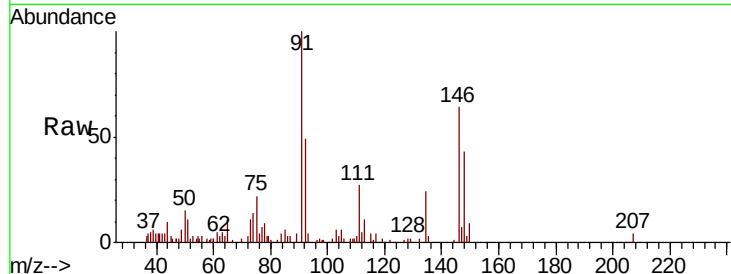




#91
 1,2-Dichlorobenzene
 Concen: 1.027 ug/l
 RT: 12.38 min Scan# 1852
 Delta R.T. 0.01 min
 Lab File: VX016961.D
 Acq: 25 Jun 2020 18:29

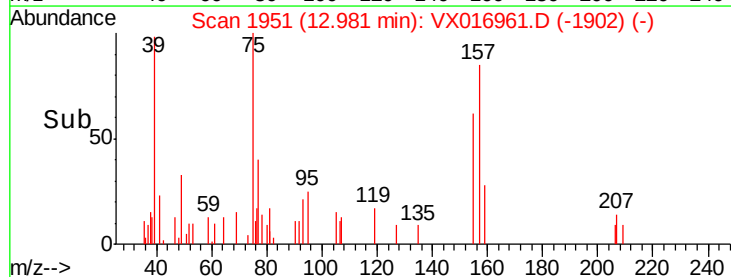
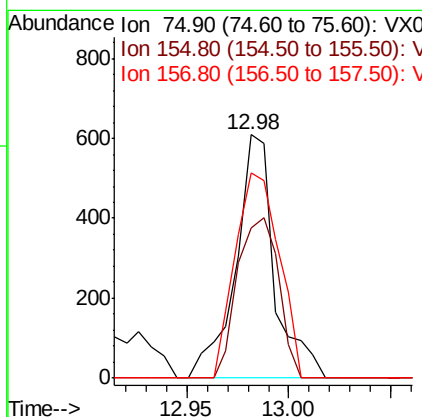
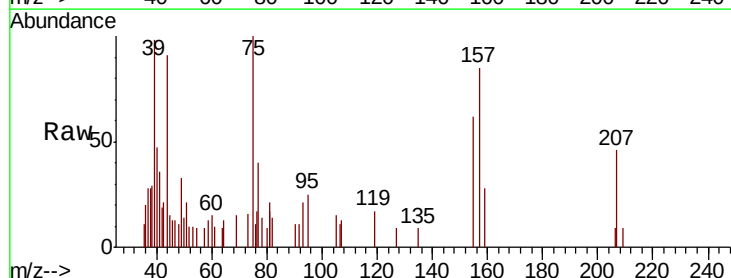
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

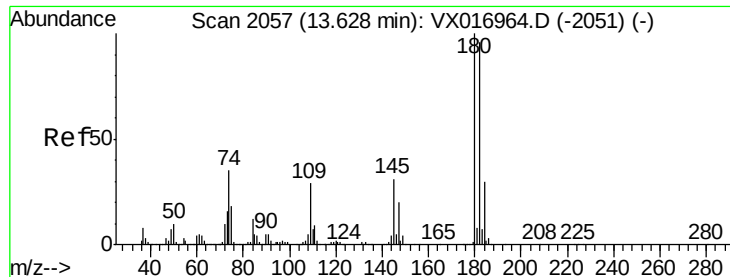
Tot Ion:146 Resp: 4622
 Ion Ratio Lower Upper
 146 100
 111 47.5 21.6 64.6
 148 62.3 31.9 95.7



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 1.008 ug/l
 RT: 12.98 min Scan# 1951
 Delta R.T. -0.00 min
 Lab File: VX016961.D
 Acq: 25 Jun 2020 18:29

Tgt Ion: 75 Resp: 807
 Ion Ratio Lower Upper
 75 100
 155 69.3 39.0 117.0
 157 95.3 50.0 150.1

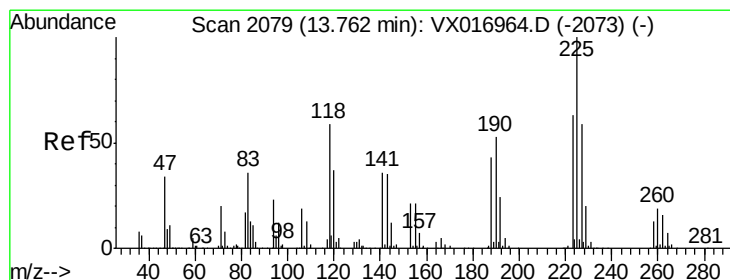
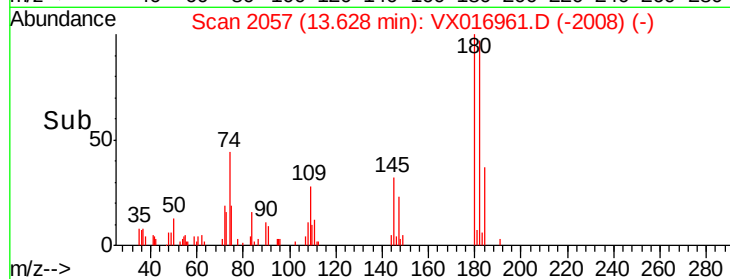
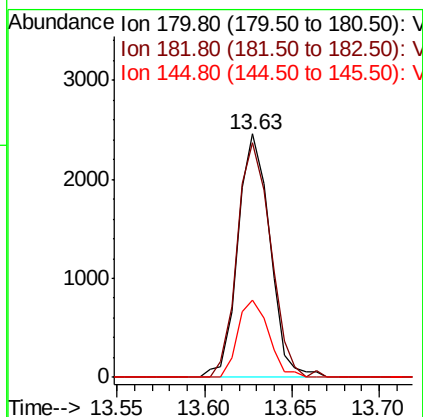
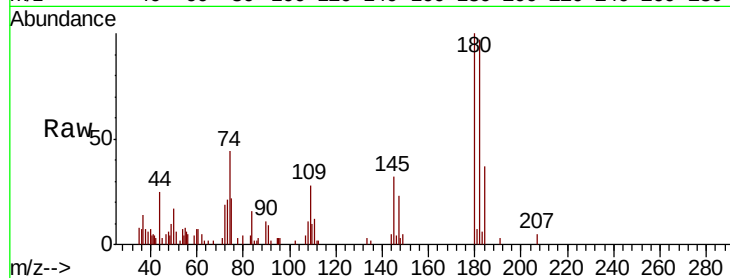




#93
1,2,4-Trichlorobenzene
Concen: 1.078 ug/l
RT: 13.63 min Scan# 2057
Delta R.T. -0.00 min
Lab File: VX016961.D
Acq: 25 Jun 2020 18:29

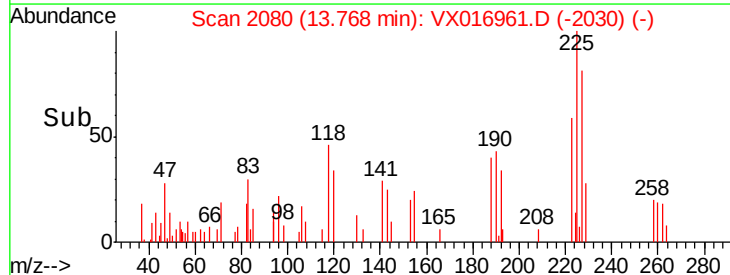
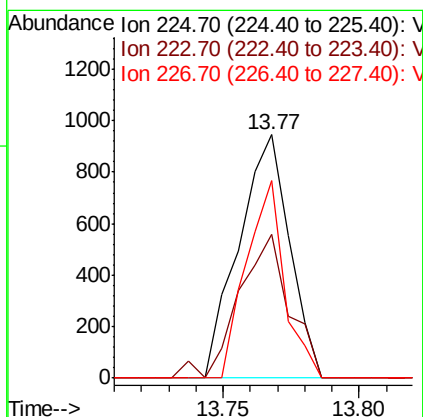
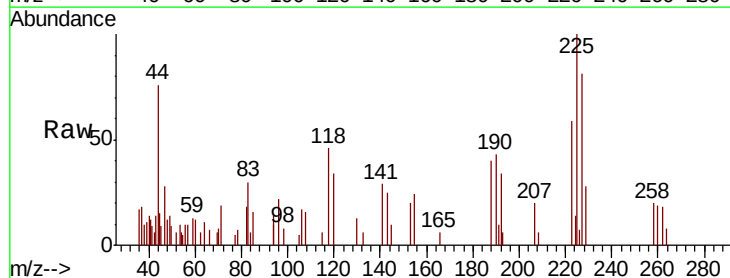
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

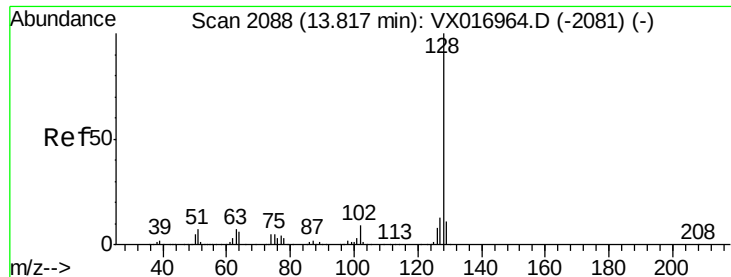
Tot Ion:180 Resp: 3148
Ion Ratio Lower Upper
180 100
182 101.3 46.4 139.1
145 30.6 15.5 46.5



#94
Hexachlorobutadiene
Concen: 1.183 ug/l
RT: 13.77 min Scan# 2080
Delta R.T. 0.01 min
Lab File: VX016961.D
Acq: 25 Jun 2020 18:29

Tgt Ion:225 Resp: 1220
Ion Ratio Lower Upper
225 100
223 59.2 31.1 93.2
227 60.8 30.3 90.9

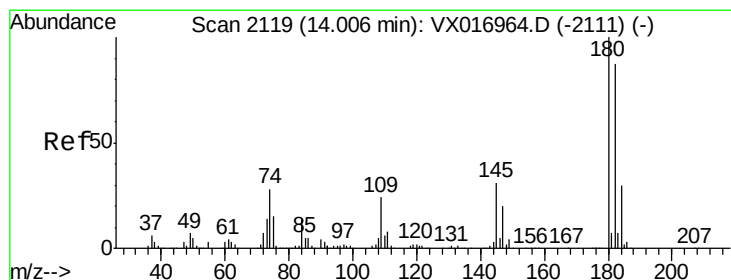
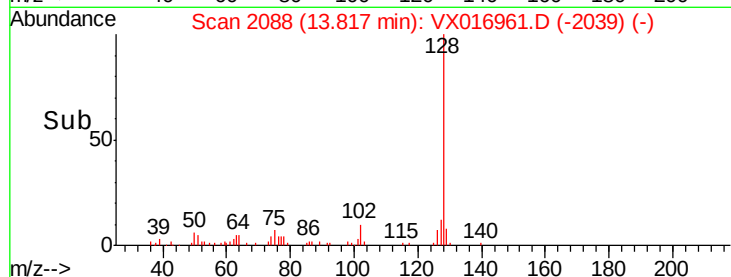
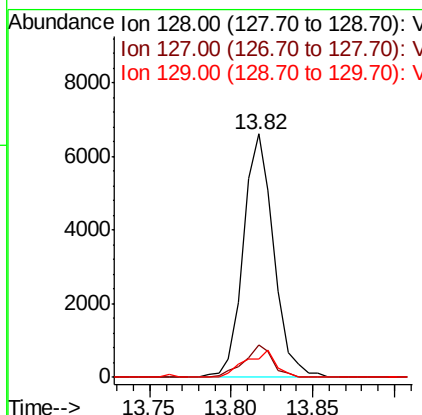
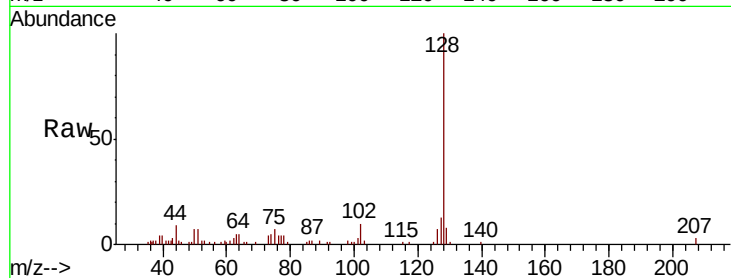




#95
Naphthalene
Concen: 0.818 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. -0.00 min
Lab File: VX016961.D
Acq: 25 Jun 2020 18:29

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tot Ion:128 Resp: 8546
Ion Ratio Lower Upper
128 100
127 12.5 10.6 15.8
129 11.0 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 0.992 ug/l
RT: 14.00 min Scan# 2118
Delta R.T. -0.01 min
Lab File: VX016961.D
Acq: 25 Jun 2020 18:29

Tgt Ion:180 Resp: 2751
Ion Ratio Lower Upper
180 100
182 99.1 47.8 143.3
145 33.4 16.9 50.6

