

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX042820\
 Data File : VX015963.D
 Acq On : 28 Apr 2020 15:46
 Operator : JC/SP
 Sample : VSTDIC020
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Apr 28 17:22:29 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X042820W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 28 17:15:34 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	263864	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	419132	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	386042	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	194297	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.03	65	64432	18.68	ug/l	0.00
Spiked Amount			Recovery	=	37.36%	
35) Dibromofluoromethane	5.47	113	48196	18.43	ug/l	0.00
Spiked Amount			Recovery	=	36.86%	
50) Toluene-d8	8.70	98	185776	19.00	ug/l	0.00
Spiked Amount			Recovery	=	38.00%	
62) 4-Bromofluorobenzene	11.12	95	69675	18.17	ug/l	0.00
Spiked Amount			Recovery	=	36.34%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.18	85	45434	19.242	ug/l	100
3) Chloromethane	1.31	50	51005	17.824	ug/l	100
4) Vinyl Chloride	1.39	62	61089	18.798	ug/l	100
5) Bromomethane	1.63	94	43951	20.145	ug/l	98
6) Chloroethane	1.71	64	38850	17.972	ug/l	99
7) Trichlorofluoromethane	1.92	101	90063	18.335	ug/l	100
8) Diethyl Ether	2.17	74	36182	17.644	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	44450	18.154	ug/l	98
10) Methyl Iodide	2.49	142	59793	17.506	ug/l	99
11) Tert butyl alcohol	3.01	59	74670	89.164	ug/l	97
12) 1,1-Dichloroethene	2.36	96	44877	17.776	ug/l	96
13) Acrolein	2.27	56	17254	81.983	ug/l	97
14) Allyl chloride	2.71	41	83439	18.329	ug/l	99
15) Acrylonitrile	3.11	53	148950	89.703	ug/l	99
16) Acetone	2.42	43	132894	90.082	ug/l	98
17) Carbon Disulfide	2.55	76	135248	16.726	ug/l	100
18) Methyl Acetate	2.75	43	75816	18.110	ug/l	100
19) Methyl tert-butyl Ether	3.17	73	168230	18.424	ug/l	98
20) Methylene Chloride	2.84	84	51947	17.788	ug/l	98
21) trans-1,2-Dichloroethene	3.14	96	50267	17.667	ug/l	98
22) Diisopropyl ether	3.82	45	163474	18.266	ug/l	100
23) Vinyl Acetate	3.79	43	717308	92.265	ug/l	100
24) 1,1-Dichloroethane	3.67	63	90887	18.230	ug/l	100
25) 2-Butanone	4.64	43	217684	91.058	ug/l	99
26) 2,2-Dichloropropane	4.55	77	84128	18.455	ug/l	99
27) cis-1,2-Dichloroethene	4.57	96	57355	17.764	ug/l	99
28) Bromochloromethane	4.98	49	44162	18.305	ug/l	99
29) Tetrahydrofuran	5.09	42	141177	90.111	ug/l	99
30) Chloroform	5.18	83	93678	18.070	ug/l	96
31) Cyclohexane	5.56	56	82345	18.553	ug/l	99
32) 1,1,1-Trichloroethane	5.46	97	86439	18.109	ug/l	100
36) 1,1-Dichloropropene	5.77	75	69420	17.390	ug/l	100
37) Ethyl Acetate	4.79	43	83779	18.302	ug/l	98
38) Carbon Tetrachloride	5.76	117	75895	18.000	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	83024	17.980	ug/l	95
40) Benzene	6.12	78	206939	18.168	ug/l	98
41) Methacrylonitrile	5.00	41	43337	17.687	ug/l	99
42) 1,2-Dichloroethane	6.17	62	79230	17.952	ug/l	100
43) Isopropyl Acetate	6.42	43	135601	17.889	ug/l	99
44) Trichloroethene	7.19	130	75508	18.392	ug/l	99
45) 1,2-Dichloropropane	7.49	63	52938	17.983	ug/l	99
46) Dibromomethane	7.64	93	37667	18.008	ug/l	99
47) Bromodichloromethane	7.88	83	75037	18.052	ug/l	99
48) Methyl methacrylate	7.74	41	63137	18.040	ug/l	99
49) 1,4-Dioxane	7.71	88	29809	362.061	ug/l	98
51) 4-Methyl-2-Pentanone	8.62	43	423212	92.046	ug/l	100
52) Toluene	8.77	92	130677	18.074	ug/l	98
53) t-1,3-Dichloropropene	9.02	75	86978	17.635	ug/l	98
54) cis-1,3-Dichloropropene	8.42	75	90722	17.885	ug/l	97
55) 1,1,2-Trichloroethane	9.20	97	51895	17.961	ug/l	97
56) Ethyl methacrylate	9.16	69	84150	17.911	ug/l	100
57) 1,3-Dichloropropane	9.35	76	90673	18.265	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	226213	93.174	ug/l	100
59) 2-Hexanone	9.47	43	326150	90.768	ug/l	100
60) Dibromochloromethane	9.57	129	56589	17.498	ug/l	98
61) 1,2-Dibromoethane	9.65	107	56535	18.044	ug/l	99
64) Tetrachloroethene	9.32	164	84387	18.427	ug/l	95
65) Chlorobenzene	10.12	112	139698	17.767	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.21	131	53428	17.979	ug/l	99
67) Ethyl Benzene	10.24	91	255271	18.231	ug/l	99
68) m/p-Xylenes	10.34	106	191755	36.090	ug/l	100
69) o-Xylene	10.68	106	90558	17.952	ug/l	98
70) Styrene	10.70	104	151562	17.510	ug/l	99
71) Bromoform	10.84	173	41810	17.367	ug/l #	98
73) Isopropylbenzene	11.01	105	247301	18.710	ug/l	99
74) N-amyl acetate	10.88	43	119394	18.729	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	43762	17.080	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	102163	20.078	ug/l	82
77) Bromobenzene	11.24	156	62320	18.317	ug/l	99
78) n-propylbenzene	11.34	91	280232	18.430	ug/l	99
79) 2-Chlorotoluene	11.40	91	164360	18.143	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	204129	18.334	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.06	75	31107	18.031	ug/l	100
82) 4-Chlorotoluene	11.49	91	196932	18.175	ug/l	100
83) tert-Butylbenzene	11.76	119	176989	18.436	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	207754	18.540	ug/l	100
85) sec-Butylbenzene	11.93	105	235112	18.177	ug/l	99
86) p-Isopropyltoluene	12.05	119	220952	18.237	ug/l	100
87) 1,3-Dichlorobenzene	12.01	146	110411	17.795	ug/l	98
88) 1,4-Dichlorobenzene	12.09	146	113495	18.100	ug/l	98
89) n-Butylbenzene	12.37	91	196703	17.969	ug/l	100
90) Hexachloroethane	12.58	117	37892	17.701	ug/l	98
91) 1,2-Dichlorobenzene	12.38	146	109845	18.514	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	19408	17.785	ug/l	96

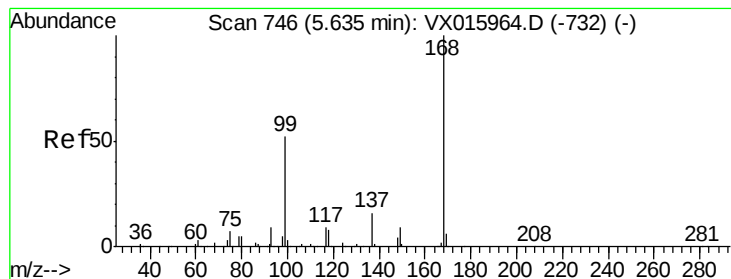
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX042820\
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	78900	17.718	ug/l	98
94) Hexachlorobutadiene	13.77	225	36054	18.121	ug/l	93
95) Naphthalene	13.82	128	261010	18.584	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	78320	18.265	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.01 min

Lab File: VX015963.D

Acq: 28 Apr 2020 15:46

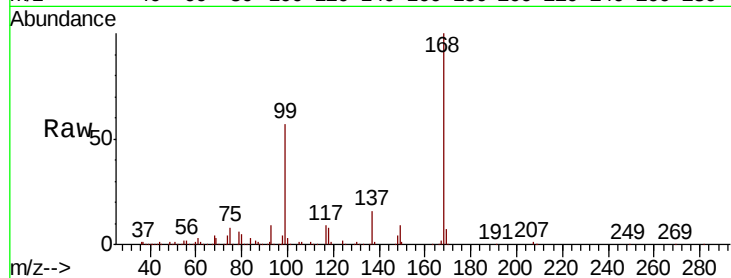
Instrument :
MSVOA_X
ClientSampled :

Tot Ion:168 Resp: 263864

Ion Ratio Lower Upper

168 100

99 56.6 41.7 62.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.63

100000

80000

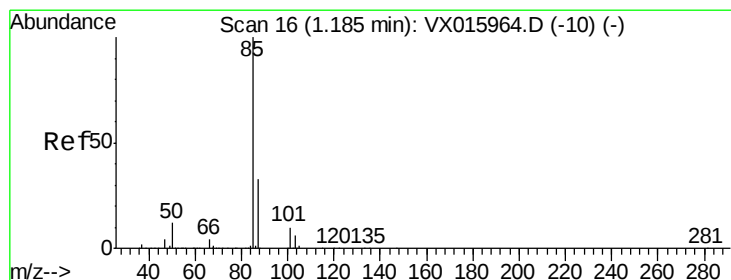
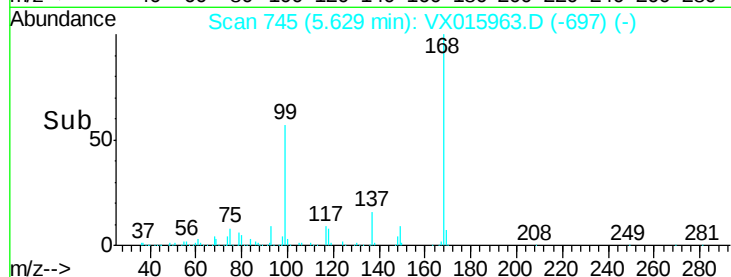
60000

40000

20000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 19.242 ug/l

RT: 1.18 min Scan# 16

Delta R.T. 0.00 min

Lab File: VX015963.D

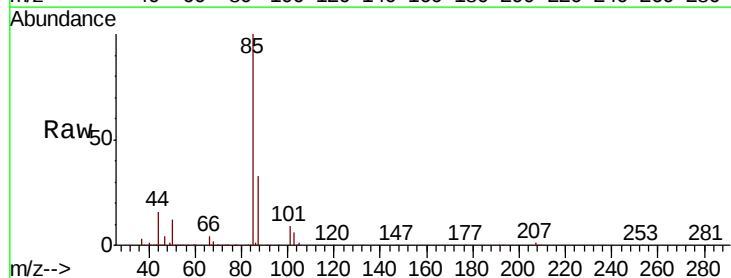
Acq: 28 Apr 2020 15:46

Tgt Ion: 85 Resp: 45434

Ion Ratio Lower Upper

85 100

87 33.2 16.7 50.1



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.18

50000

40000

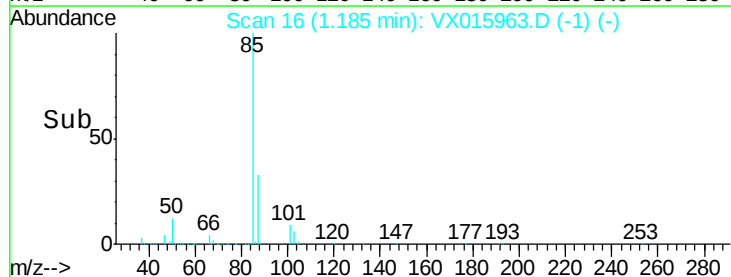
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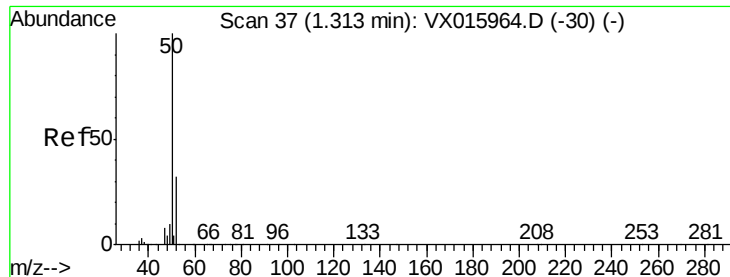
20000

10000

0

Time-->





#3

Chloromethane

Concen: 17.824 ug/l

RT: 1.31 min Scan# 37

Delta R.T. 0.00 min

Lab File: VX015963.D

Acq: 28 Apr 2020 15:46

Instrument :

MSVOA_X

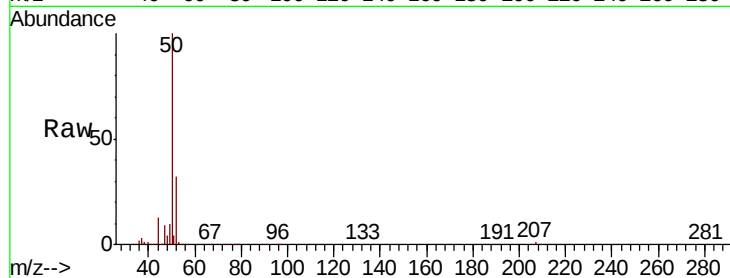
ClientSampleId :

Tot Ion: 50 Resp: 51005

Ion Ratio Lower Upper

50 100

52 31.8 25.5 38.3



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

1.31

60000

50000

40000

30000

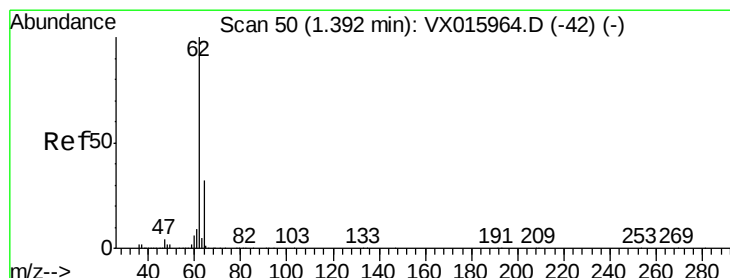
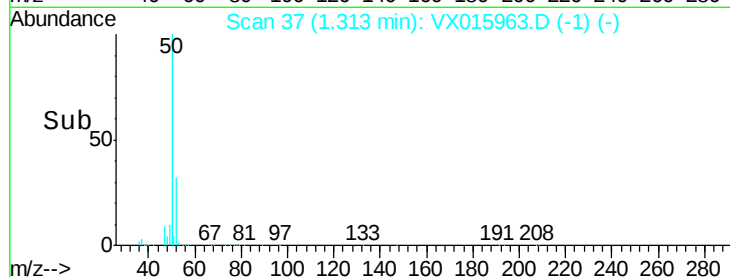
20000

10000

0

Time-->

1.25 1.30 1.35 1.40



#4

Vinyl Chloride

Concen: 18.798 ug/l

RT: 1.39 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX015963.D

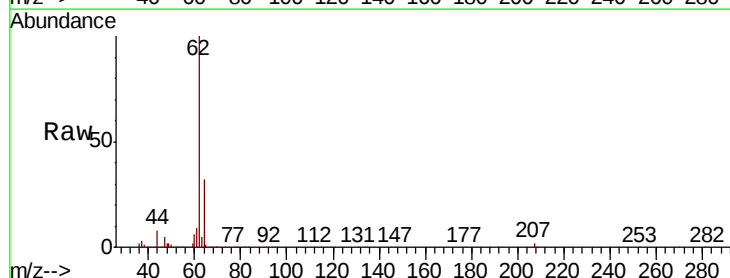
Acq: 28 Apr 2020 15:46

Tgt Ion: 62 Resp: 61089

Ion Ratio Lower Upper

62 100

64 32.0 25.8 38.6



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0

1.39

60000

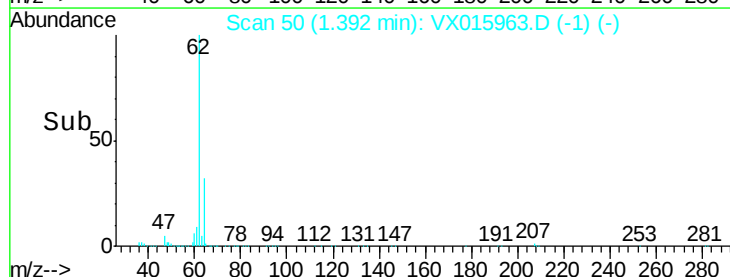
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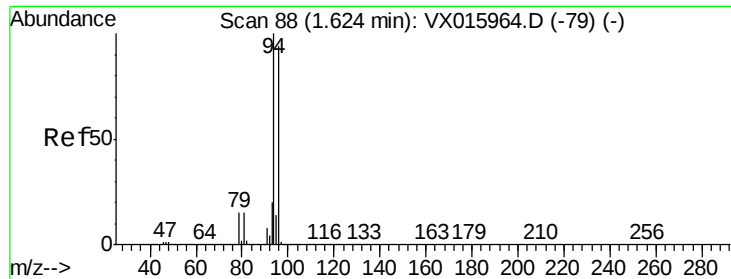
20000

0

Time-->

1.30 1.35 1.40 1.45 1.50





#5

Bromomethane

Concen: 20.145 ug/l

RT: 1.63 min Scan# 89

Delta R.T. 0.01 min

Lab File: VX015963.D

Acq: 28 Apr 2020 15:46

Instrument :

MSVOA_X

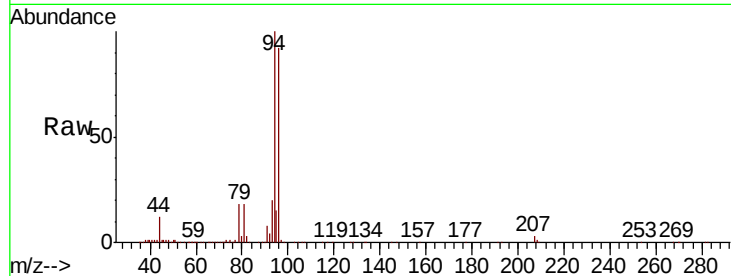
ClientSampleId :

Tot Ion: 94 Resp: 43951

Ion Ratio Lower Upper

94 100

96 91.5 74.9 112.3



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.63

40000

30000

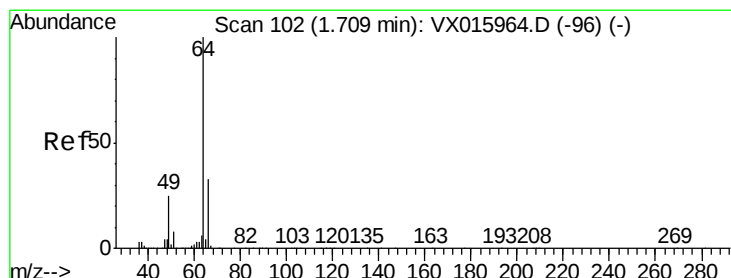
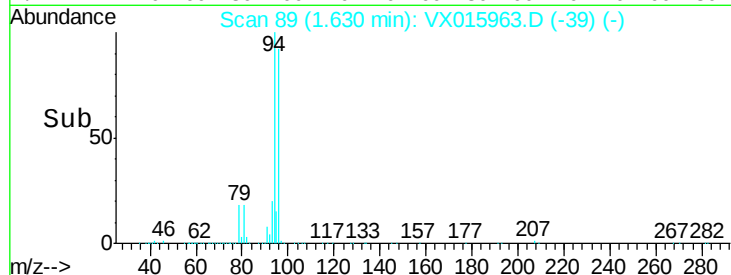
20000

10000

0

Time-->

1.50 1.55 1.60 1.65 1.70



#6

Chloroethane

Concen: 17.972 ug/l

RT: 1.71 min Scan# 102

Delta R.T. 0.00 min

Lab File: VX015963.D

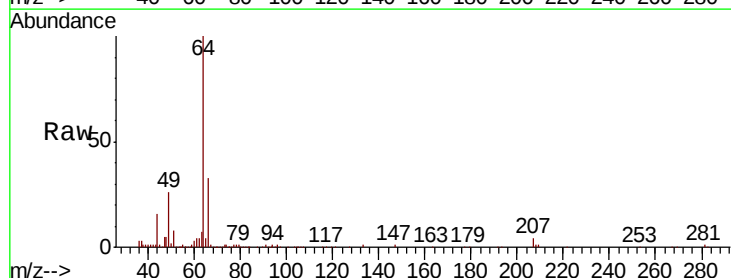
Acq: 28 Apr 2020 15:46

Tgt Ion: 64 Resp: 38850

Ion Ratio Lower Upper

64 100

66 32.3 26.2 39.2



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1.71

30000

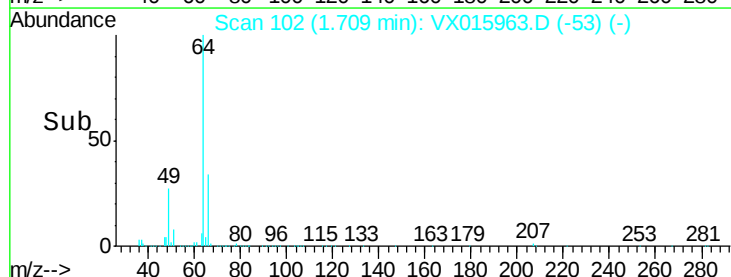
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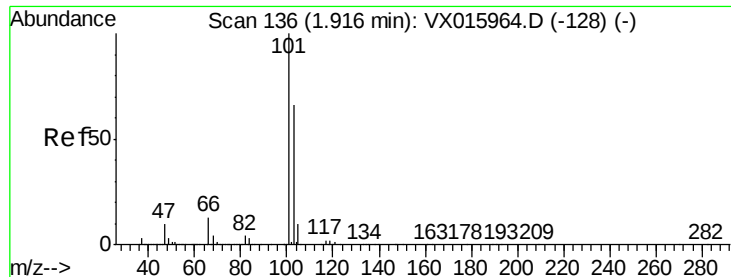
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Time-->

1.65 1.70 1.75 1.80



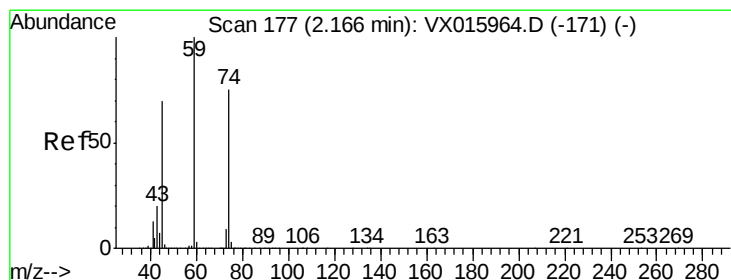
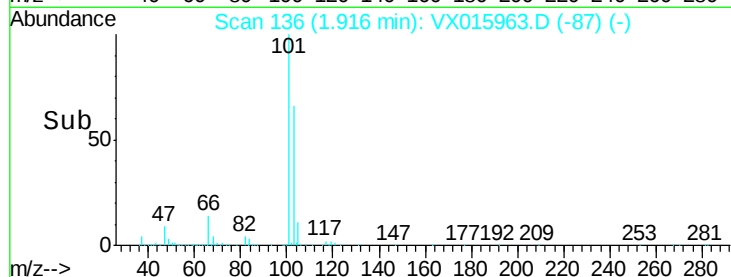
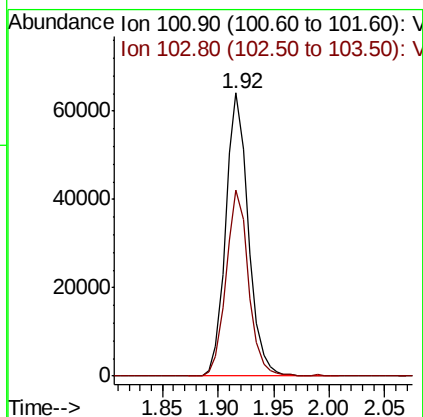
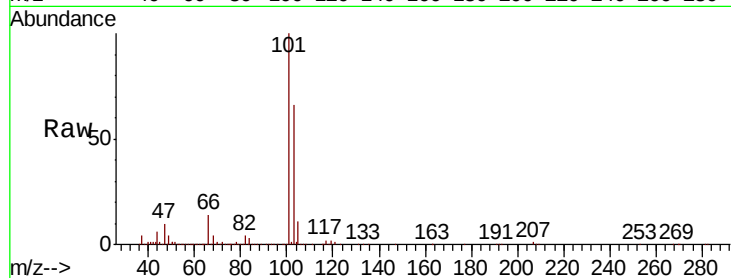


#7

Trichlorofluoromethane
Concen: 18.335 ug/l
RT: 1.92 min Scan# 136
Delta R.T. 0.00 min
Lab File: VX015963.D
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MSVOA_X
ClientSampleId :

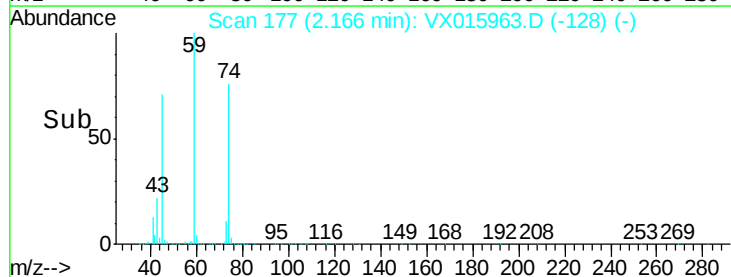
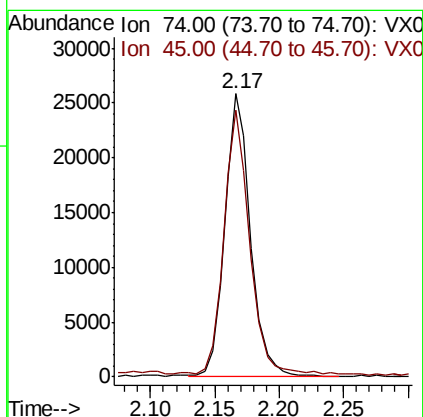
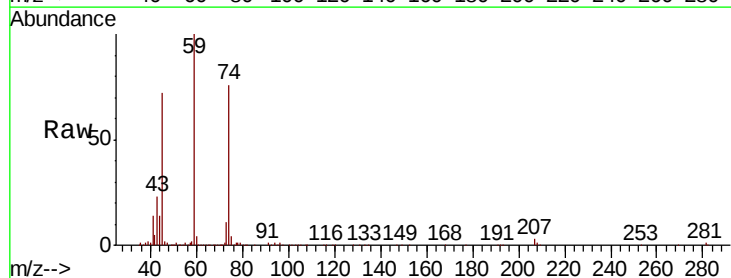
Tot Ion:101 Resp: 90063
Ion Ratio Lower Upper
101 100
103 65.7 52.4 78.6

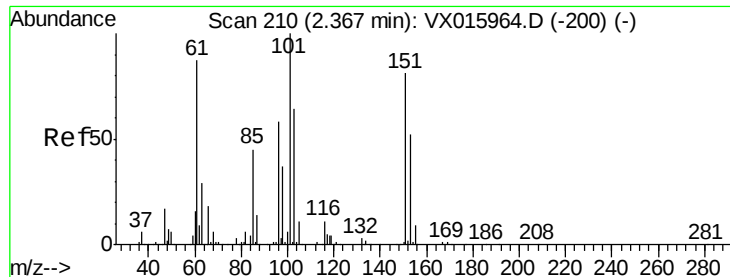


#8

Diethyl Ether
Concen: 17.644 ug/l
RT: 2.17 min Scan# 177
Delta R.T. 0.00 min
Lab File: VX015963.D
Acq: 28 Apr 2020 15:46

Tgt Ion: 74 Resp: 36182
Ion Ratio Lower Upper
74 100
45 93.3 47.1 141.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.154 ug/l

RT: 2.37 min Scan# 210

Delta R.T. 0.00 min

Lab File: VX015963.D

Acq: 28 Apr 2020 15:46

Instrument :

MSVOA_X

ClientSampleId :

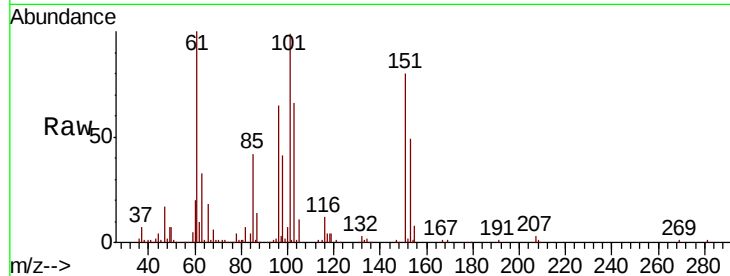
Tot Ion:101 Resp: 44450

Ion Ratio Lower Upper

101 100

85 45.0 36.3 54.5

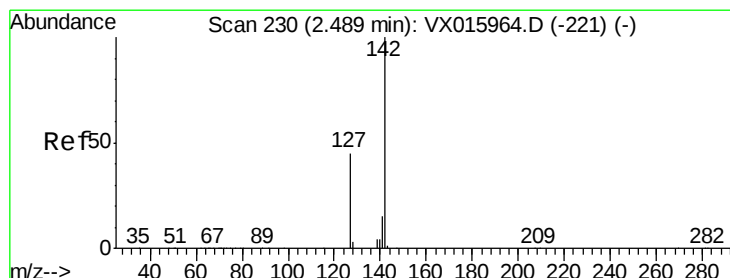
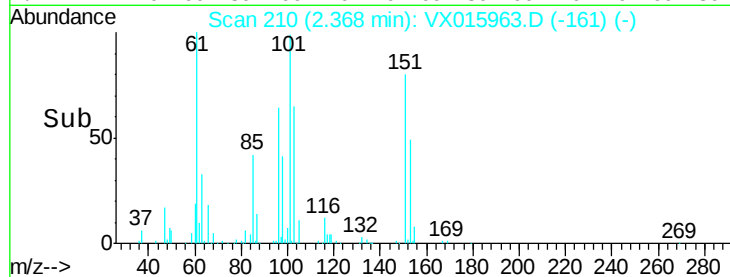
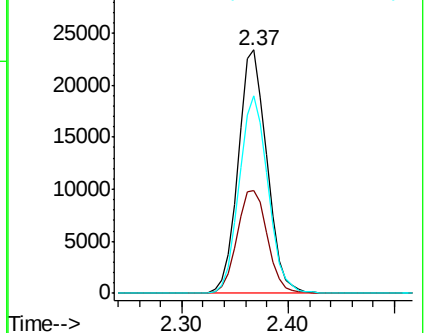
151 81.2 63.1 94.7



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: 17.506 ug/l

RT: 2.49 min Scan# 230

Delta R.T. 0.00 min

Lab File: VX015963.D

Acq: 28 Apr 2020 15:46

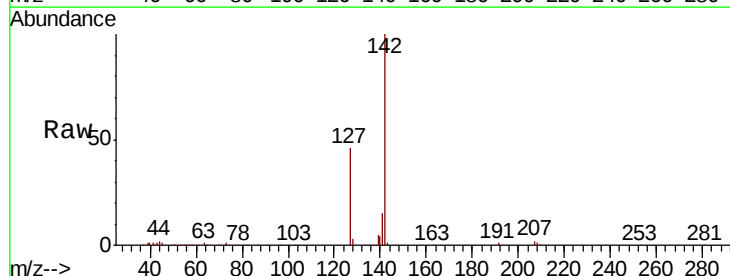
Tgt Ion:142 Resp: 59793

Ion Ratio Lower Upper

142 100

127 44.9 36.5 54.7

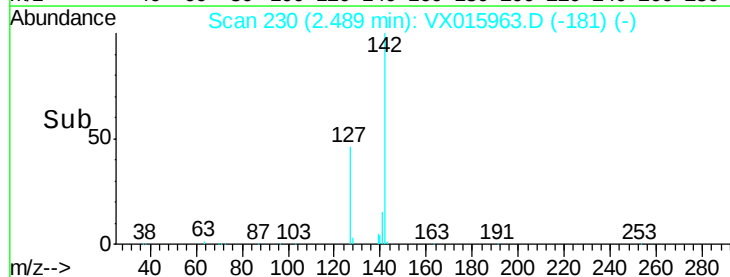
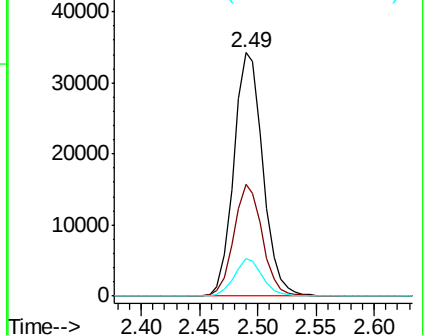
141 14.7 11.6 17.4

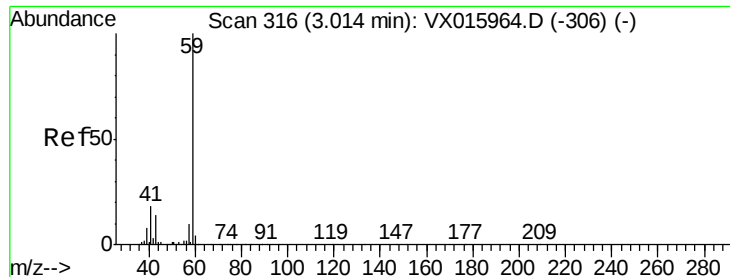


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



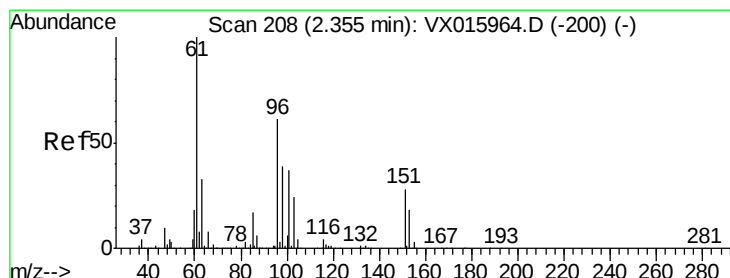
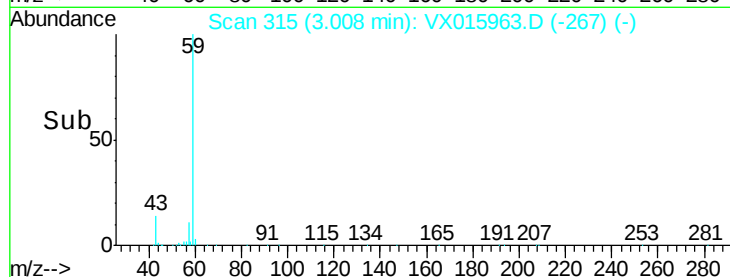
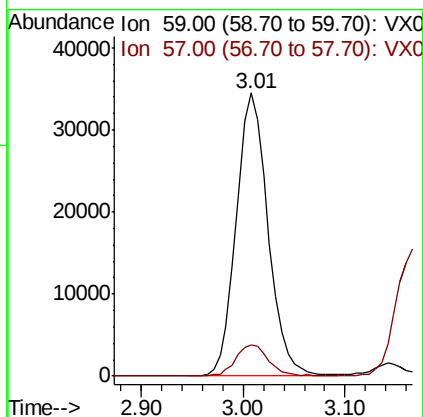
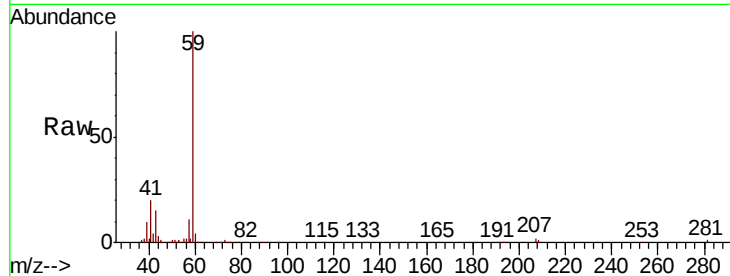


#11

Tert butyl alcohol
 Concen: 89.164 ug/l
 RT: 3.01 min Scan# 315
 Delta R.T. -0.01 min
 Lab File: VX015963.D
 Acq: 28 Apr 2020 15:46

Instrument :
 MSVOA_X
 ClientSampleId :

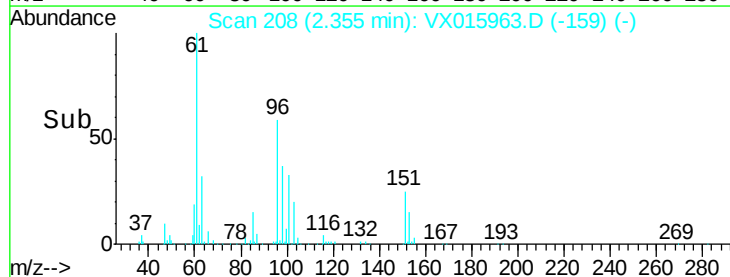
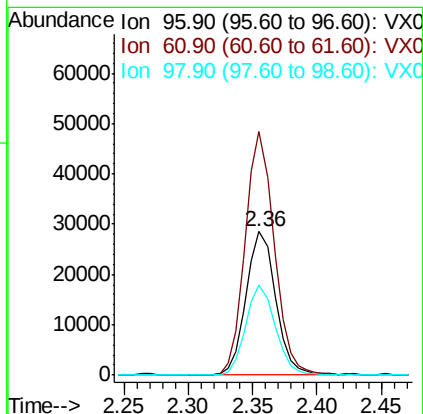
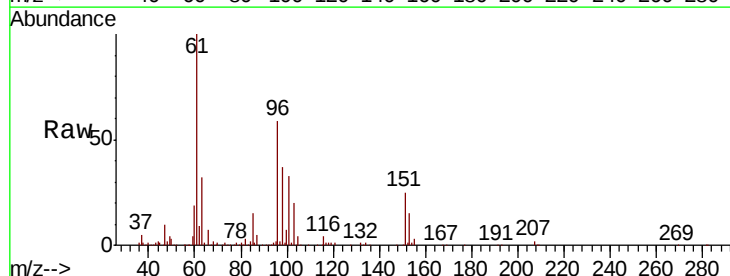
Tot Ion: 59 Resp: 74670
 Ion Ratio Lower Upper
 59 100
 57 11.6 8.3 12.5

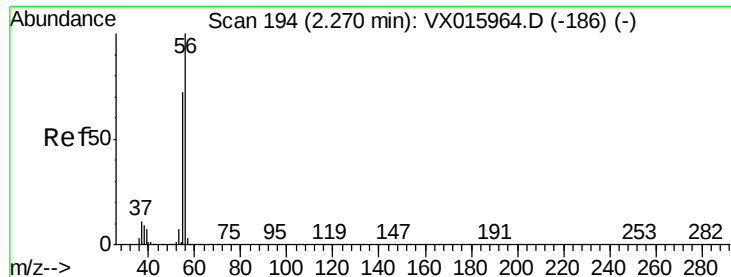


#12

1,1-Dichloroethene
 Concen: 17.776 ug/l
 RT: 2.36 min Scan# 208
 Delta R.T. 0.00 min
 Lab File: VX015963.D
 Acq: 28 Apr 2020 15:46

Tgt Ion: 96 Resp: 44877
 Ion Ratio Lower Upper
 96 100
 61 170.7 131.0 196.4
 98 63.4 50.7 76.1





#13

Acrolein

Concen: 81.983 ug/l

RT: 2.27 min Scan# 194

Delta R.T. 0.00 min

Lab File: VX015963.D

Acq: 28 Apr 2020 15:46

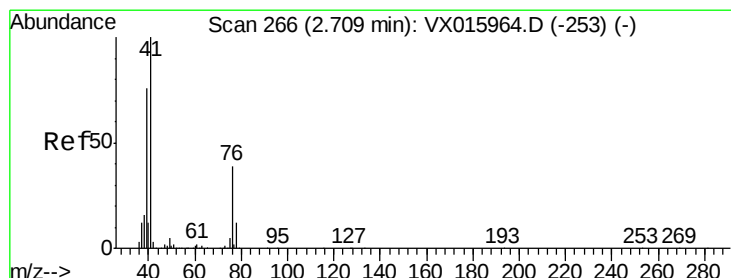
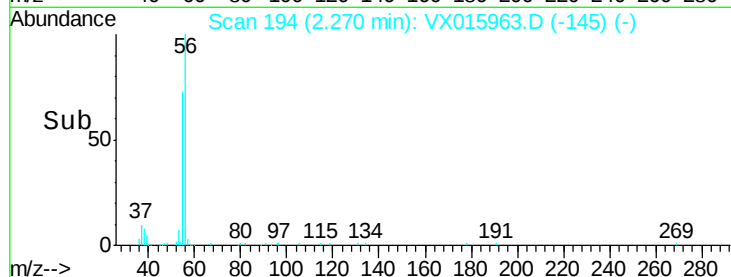
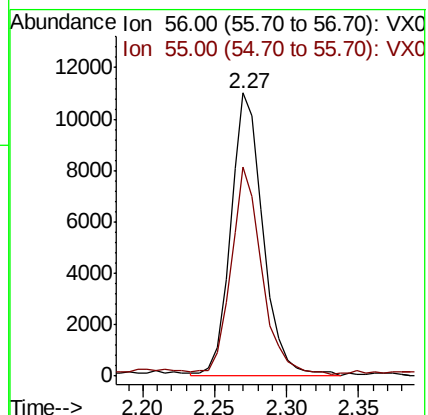
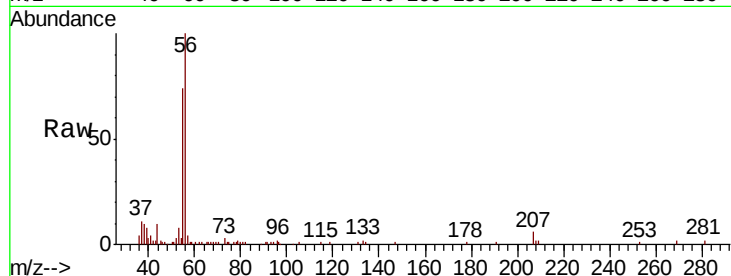
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 56 Resp: 17254

Ion Ratio Lower Upper

56 100

55 69.0 56.9 85.3



#14

Allyl chloride

Concen: 18.329 ug/l

RT: 2.71 min Scan# 266

Delta R.T. 0.00 min

Lab File: VX015963.D

Acq: 28 Apr 2020 15:46

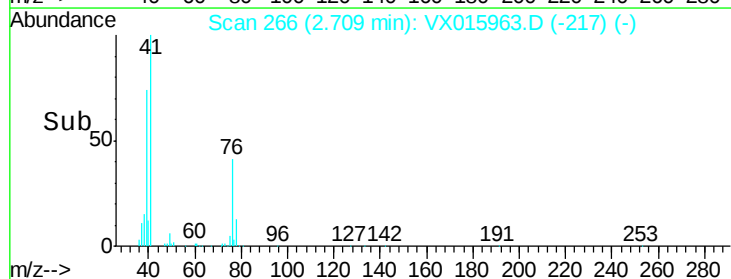
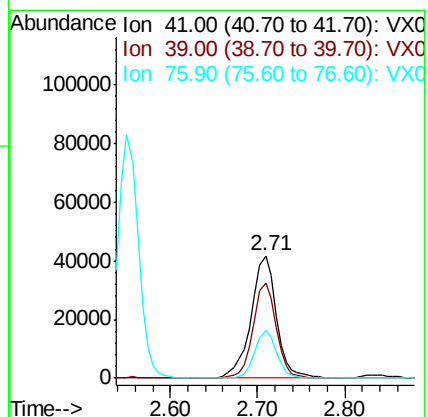
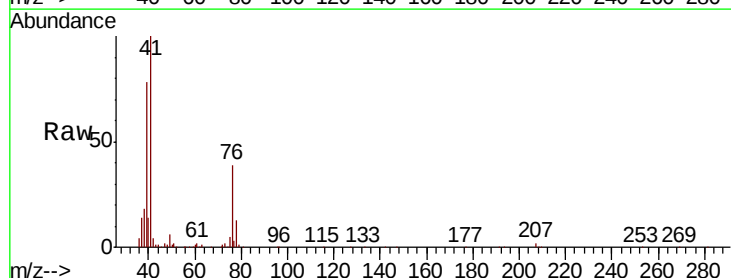
Tgt Ion: 41 Resp: 83439

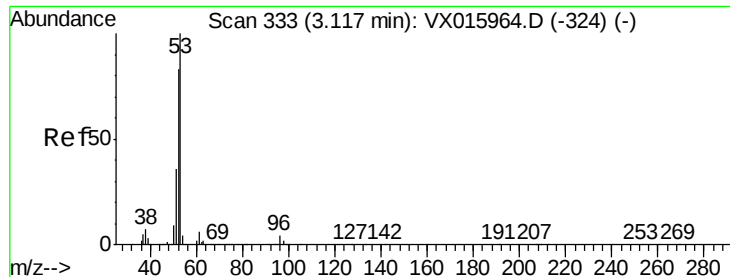
Ion Ratio Lower Upper

41 100

39 70.5 55.4 83.0

76 33.4 27.1 40.7





#15

Acrylonitrile

Concen: 89.703 ug/l

RT: 3.11 min Scan# 332

Delta R.T. -0.01 min

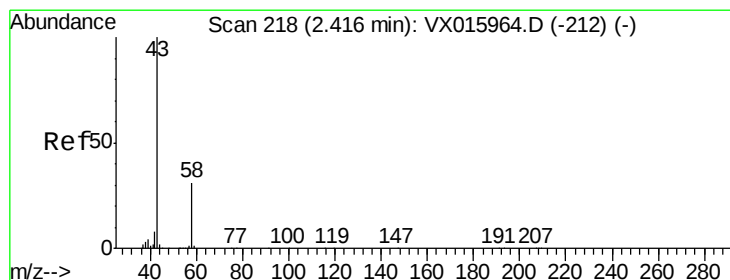
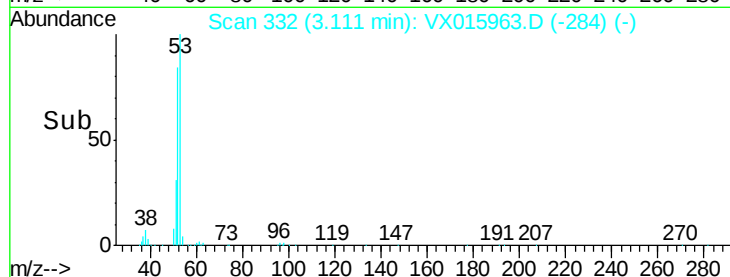
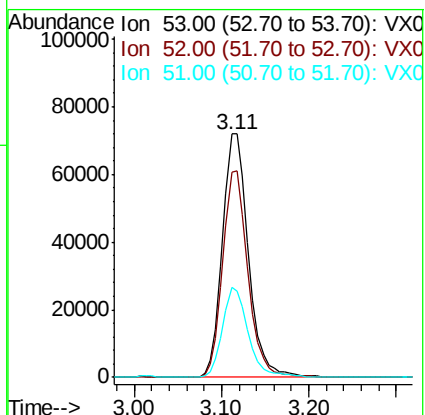
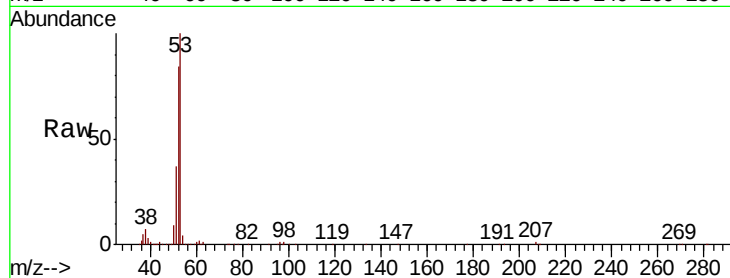
Lab File: VX015963.D

Acq: 28 Apr 2020 15:46

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 53 Resp: 148950

Ion	Ratio	Lower	Upper
53	100		
52	82.1	65.5	98.3
51	36.6	28.7	43.1



#16

Acetone

Concen: 90.082 ug/l

RT: 2.42 min Scan# 218

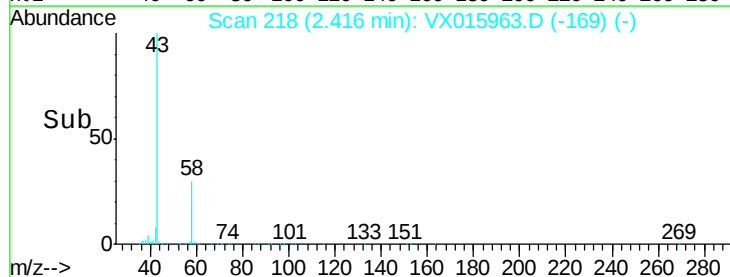
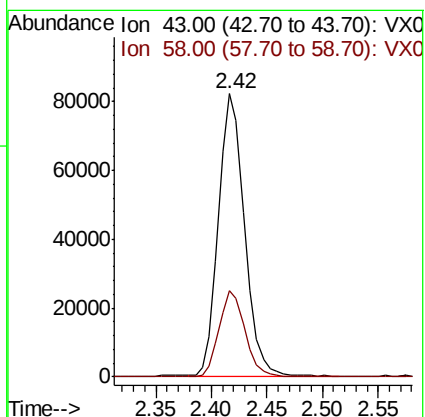
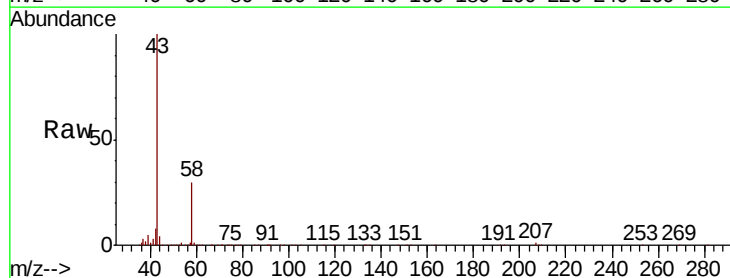
Delta R.T. 0.00 min

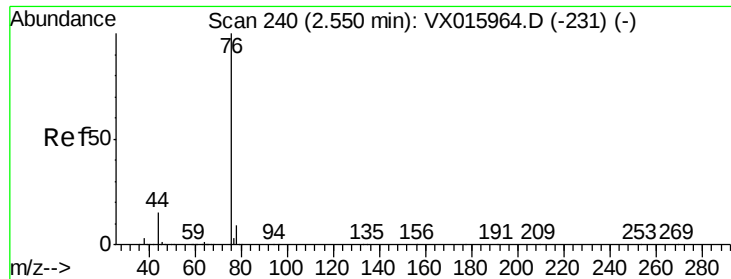
Lab File: VX015963.D

Acq: 28 Apr 2020 15:46

Tgt Ion: 43 Resp: 132894

Ion	Ratio	Lower	Upper
43	100		
58	30.3	25.1	37.7





#17

Carbon Disulfide

Concen: 16.726 ug/l

RT: 2.55 min Scan# 240

Delta R.T. 0.00 min

Lab File: VX015963.D

Acq: 28 Apr 2020 15:46

Instrument :

MSVOA_X

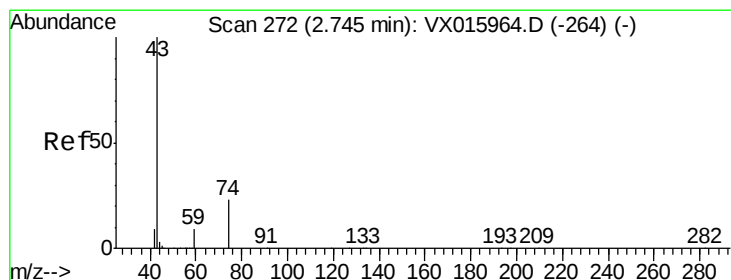
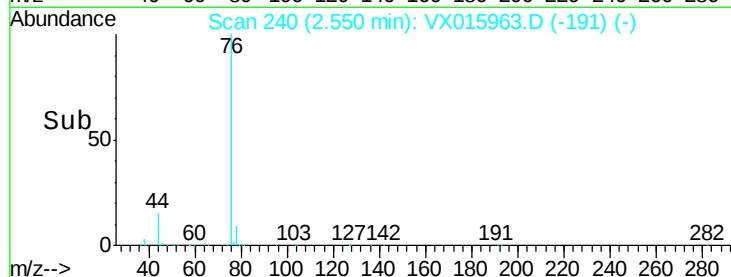
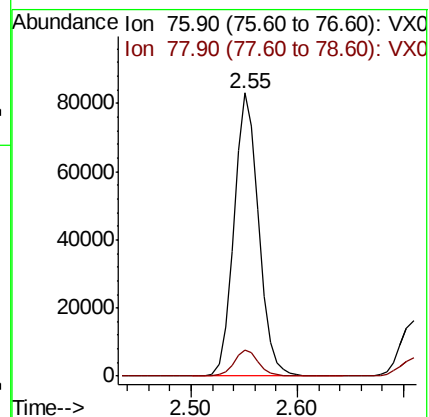
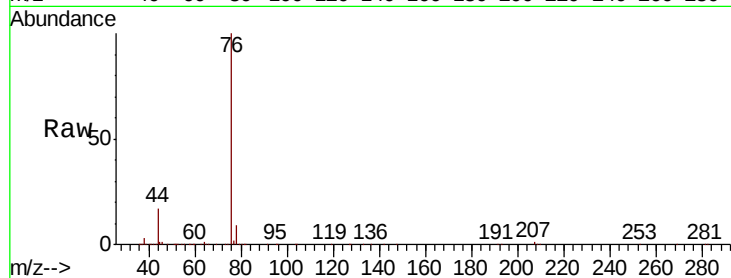
ClientSampleId :

Tot Ion: 76 Resp: 135248

Ion Ratio Lower Upper

76 100

78 9.1 7.4 11.0



#18

Methyl Acetate

Concen: 18.110 ug/l

RT: 2.75 min Scan# 272

Delta R.T. 0.00 min

Lab File: VX015963.D

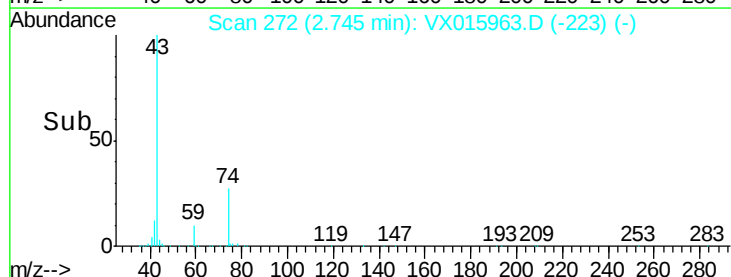
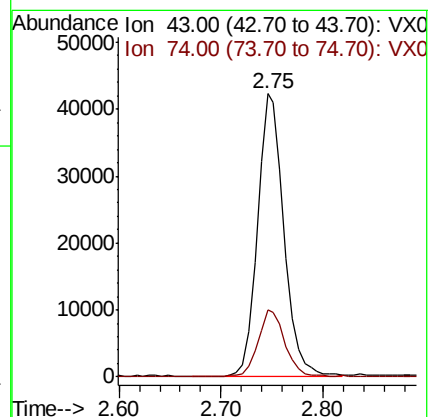
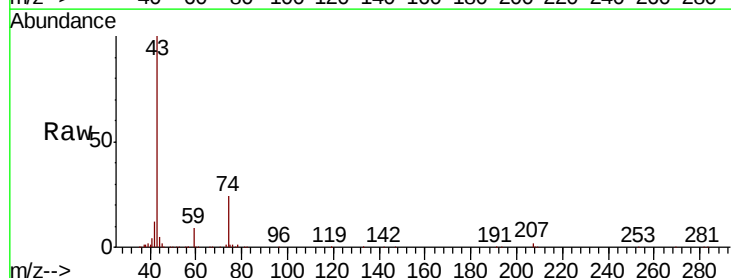
Acq: 28 Apr 2020 15:46

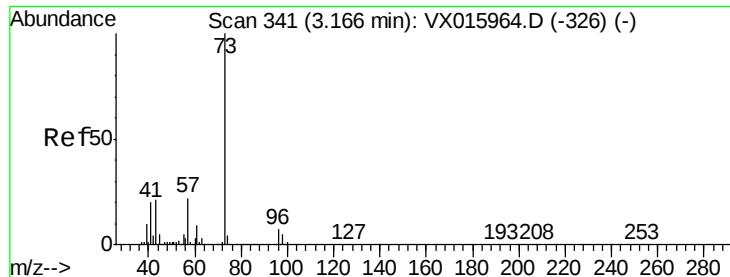
Tgt Ion: 43 Resp: 75816

Ion Ratio Lower Upper

43 100

74 24.7 19.6 29.4

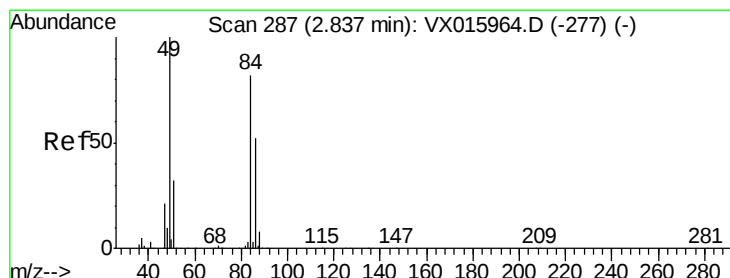
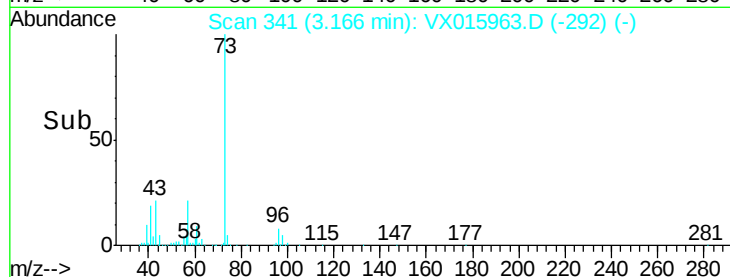
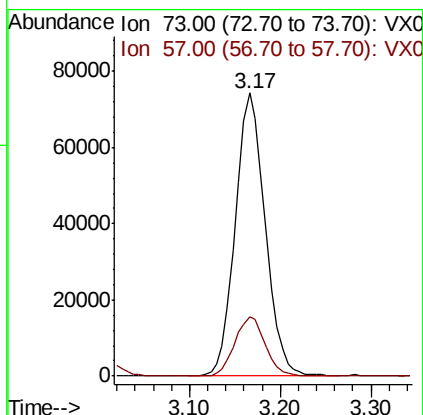
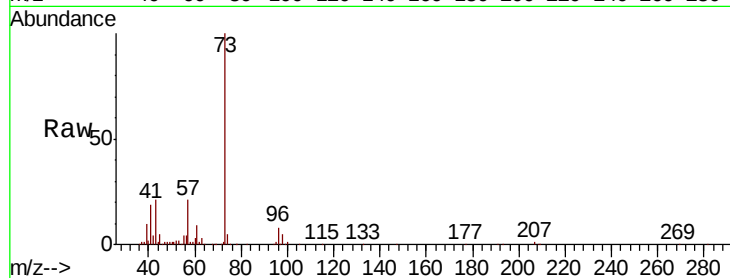




#19
Methvl tert-butvl Ether
Concen: 18.424 ug/l
RT: 3.17 min Scan# 341
Delta R.T. 0.00 min
Lab File: VX015963.D
Acq: 28 Apr 2020 15:46

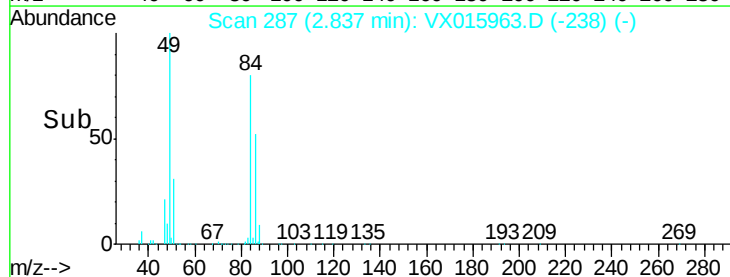
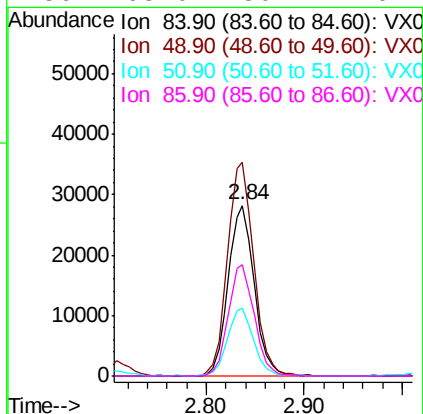
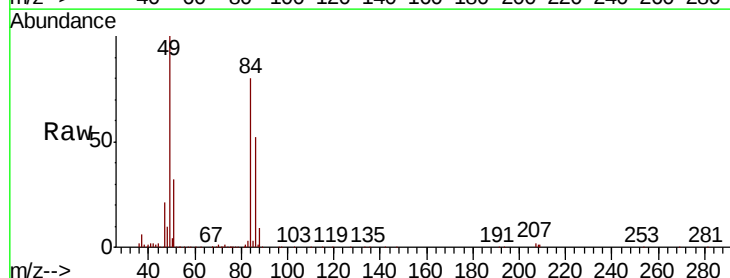
Instrument :
MSVOA_X
ClientSampleId :

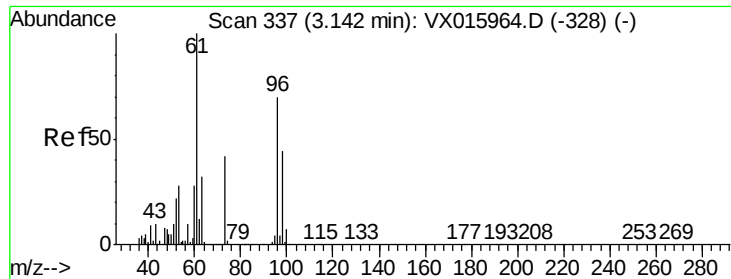
Tot Ion: 73 Resp: 168230
Ion Ratio Lower Upper
73 100
57 20.8 17.5 26.3



#20
Methylene Chloride
Concen: 17.788 ug/l
RT: 2.84 min Scan# 287
Delta R.T. 0.00 min
Lab File: VX015963.D
Acq: 28 Apr 2020 15:46

Tgt Ion: 84 Resp: 51947
Ion Ratio Lower Upper
84 100
49 125.2 97.9 146.9
51 39.1 31.2 46.8
86 65.0 50.7 76.1





#21

trans-1,2-Dichloroethene

Concen: 17.667 ug/l

RT: 3.14 min Scan# 337

Delta R.T. 0.00 min

Lab File: VX015963.D

Acq: 28 Apr 2020 15:46

Instrument :
MSVOA_X
ClientSampleId :

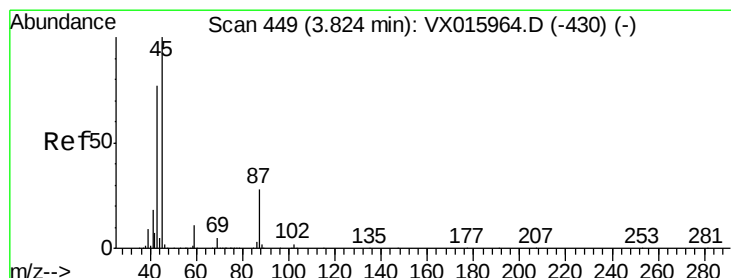
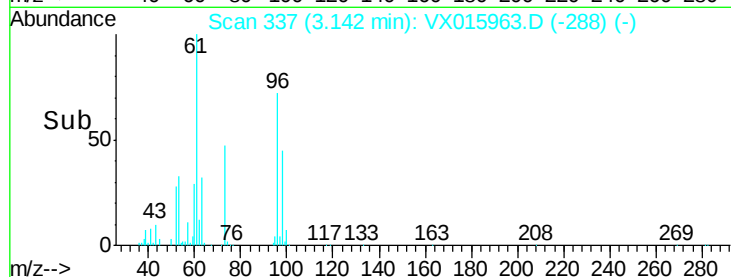
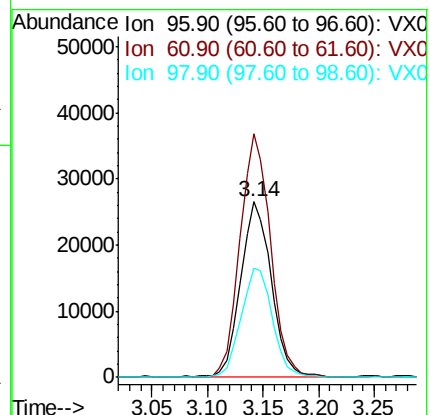
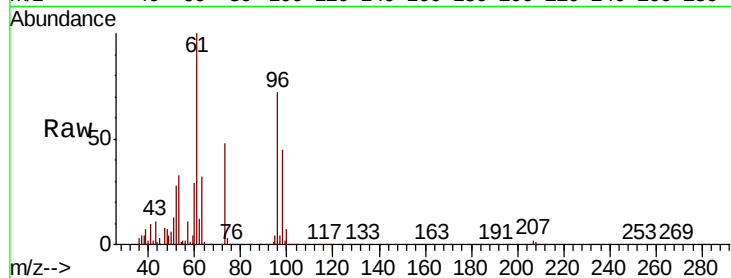
Tot Ion: 96 Resp: 50267

Ion Ratio Lower Upper

96 100

61 139.2 113.6 170.4

98 62.3 50.3 75.5



#22

Diisopropyl ether

Concen: 18.266 ug/l

RT: 3.82 min Scan# 449

Delta R.T. 0.00 min

Lab File: VX015963.D

Acq: 28 Apr 2020 15:46

Tgt Ion: 45 Resp: 163474

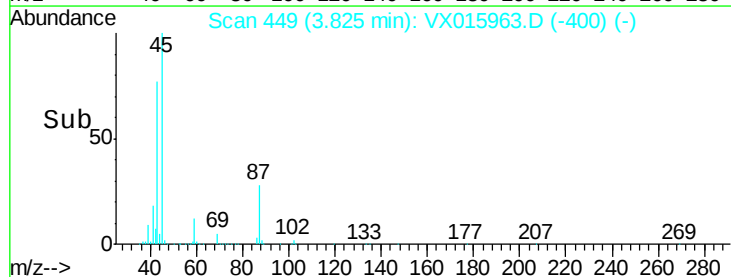
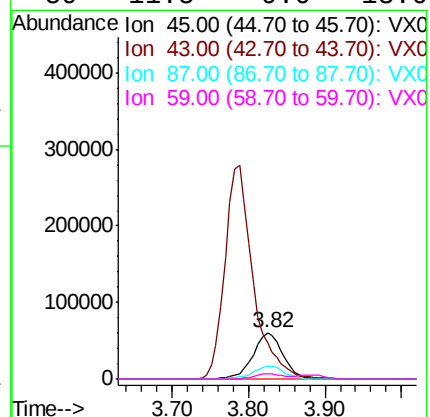
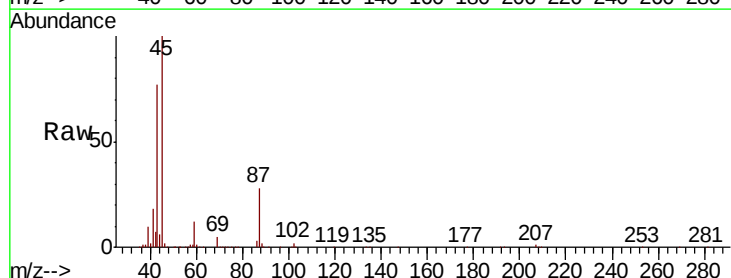
Ion Ratio Lower Upper

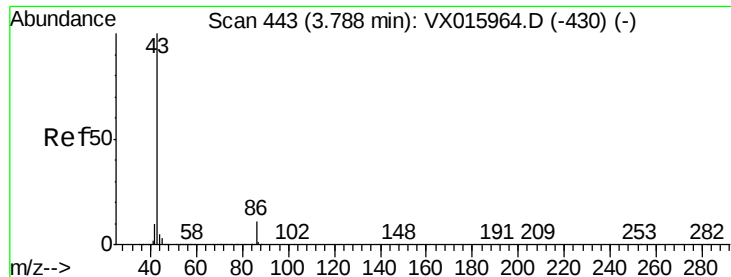
45 100

43 76.8 61.3 91.9

87 27.7 22.6 33.8

59 11.5 9.0 13.6





#23

Vinyl Acetate

Concen: 92.265 ug/l

RT: 3.79 min Scan# 443

Delta R.T. 0.00 min

Lab File: VX015963.D

Acq: 28 Apr 2020 15:46

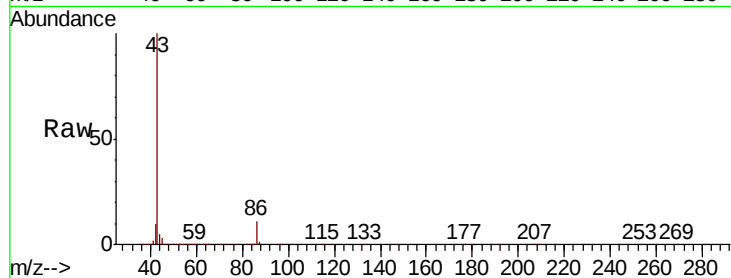
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 43 Resp: 717308

Ion Ratio Lower Upper

43 100

86 11.0 8.9 13.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

3.79

300000

250000

200000

150000

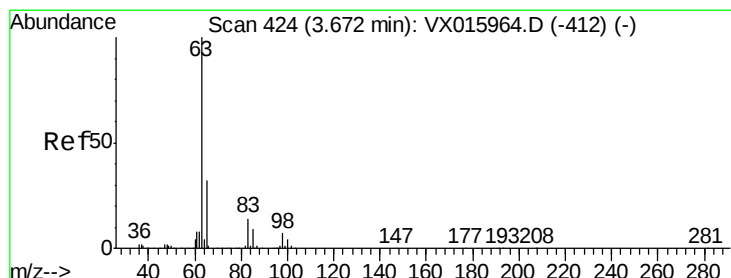
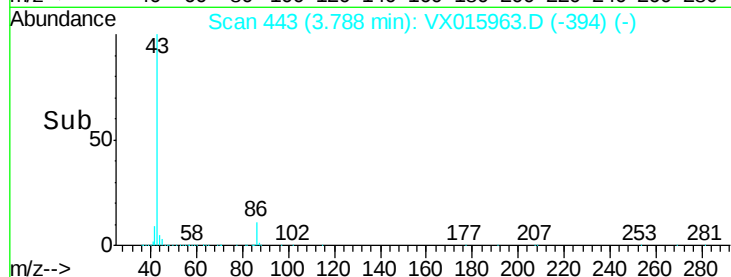
100000

50000

0

Time-->

3.60 3.70 3.80 3.90 4.00



#24

1,1-Dichloroethane

Concen: 18.230 ug/l

RT: 3.67 min Scan# 424

Delta R.T. 0.00 min

Lab File: VX015963.D

Acq: 28 Apr 2020 15:46

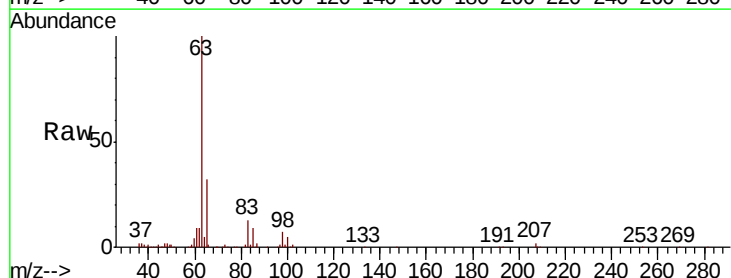
Tgt Ion: 63 Resp: 90887

Ion Ratio Lower Upper

63 100

98 7.2 3.6 10.8

100 4.6 2.2 6.6



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0

50000

40000

30000

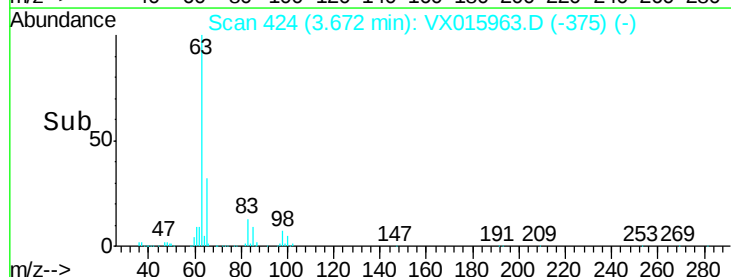
20000

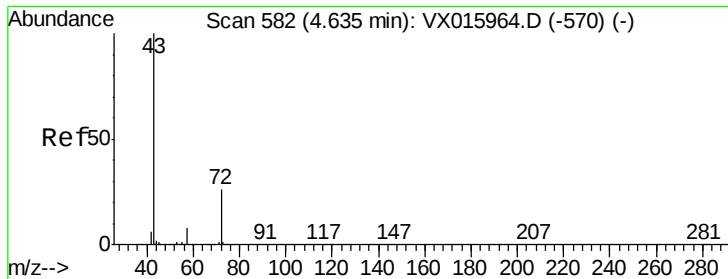
10000

0

Time-->

3.60 3.70 3.80





#25

2-Butanone

Concen: 91.058 ug/l

RT: 4.64 min Scan# 582

Delta R.T. 0.00 min

Lab File: VX015963.D

Acq: 28 Apr 2020 15:46

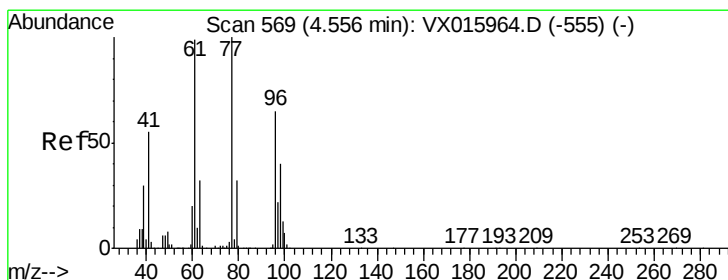
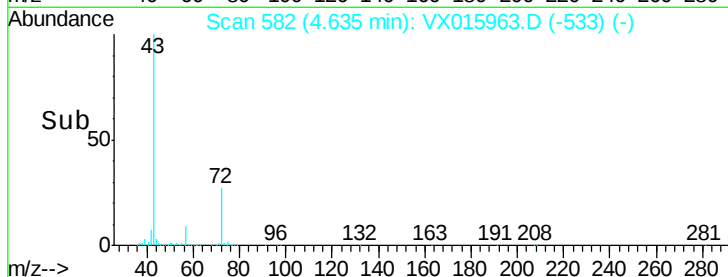
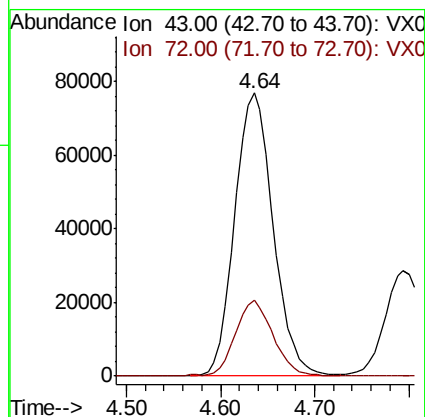
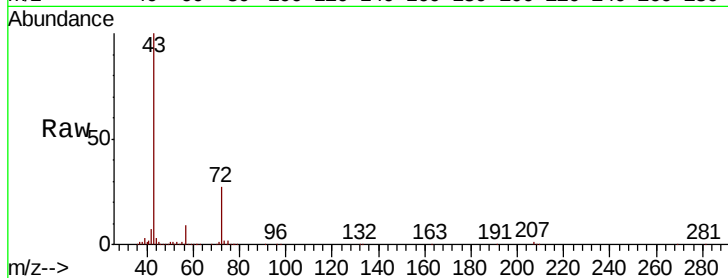
Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 43 Resp: 217684

Ion Ratio Lower Upper

43 100

72 26.5 21.0 31.4



#26

2,2-Dichloropropane

Concen: 18.455 ug/l

RT: 4.55 min Scan# 568

Delta R.T. -0.01 min

Lab File: VX015963.D

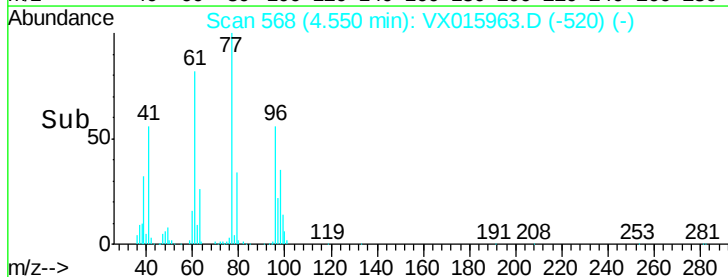
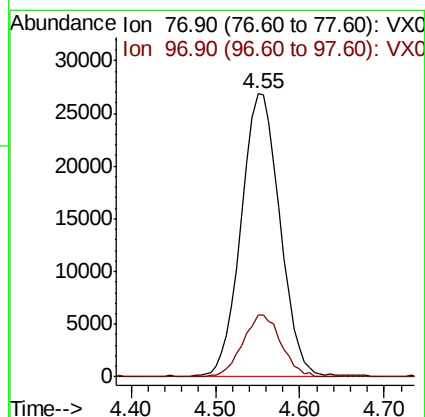
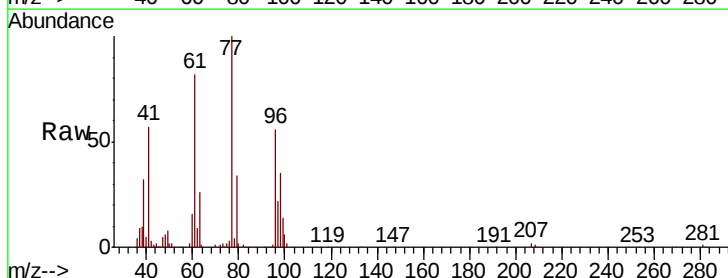
Acq: 28 Apr 2020 15:46

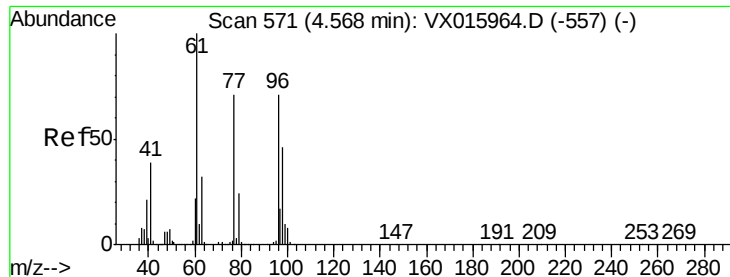
Tgt Ion: 77 Resp: 84128

Ion Ratio Lower Upper

77 100

97 21.7 11.1 33.3



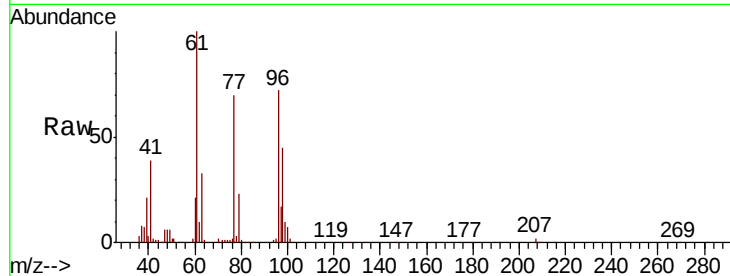


#27

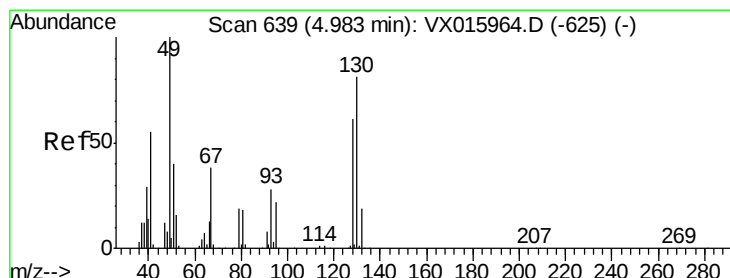
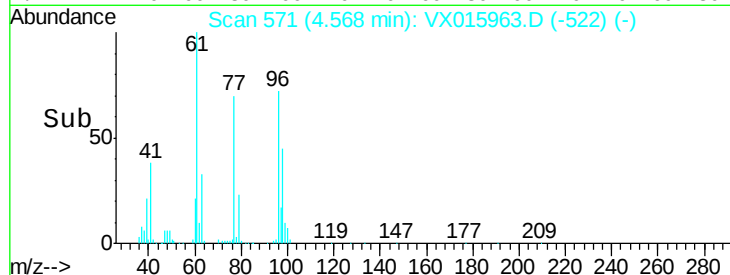
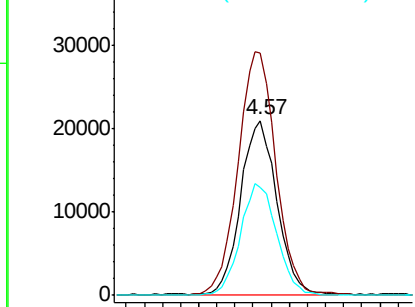
cis-1,2-Dichloroethene
 Concen: 17.764 ug/l
 RT: 4.57 min Scan# 571
 Delta R.T. 0.00 min
 Lab File: VX015963.D
 Acq: 28 Apr 2020 15:46

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion	96	Resp	57355
Ion Ratio	Lower	Upper	
96	100		
61	148.1	0.0	294.2
98	64.7	0.0	127.4



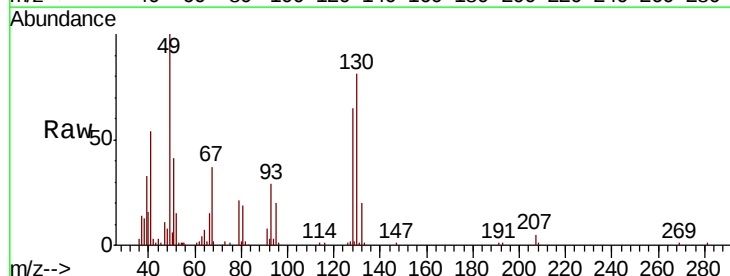
Abundance Ion 95.90 (95.60 to 96.60): VX0
 Ion 60.90 (60.60 to 61.60): VX0
 Ion 97.90 (97.60 to 98.60): VX0



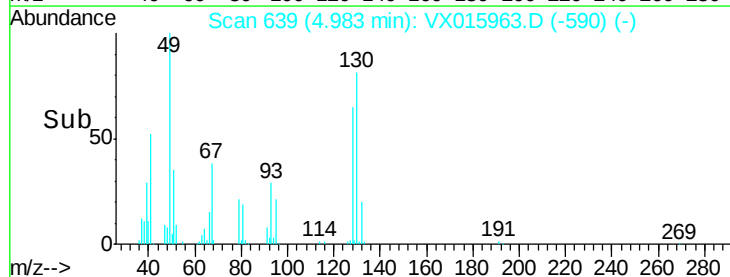
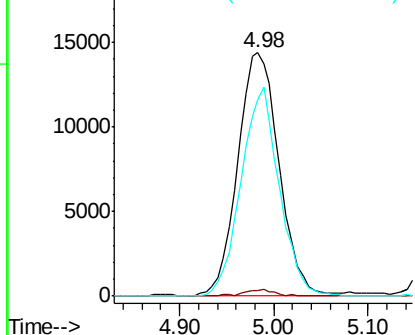
#28

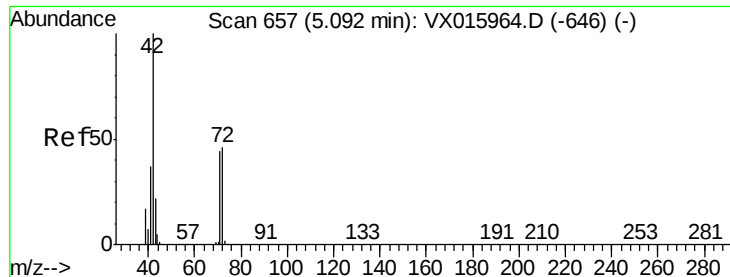
Bromochloromethane
 Concen: 18.305 ug/l
 RT: 4.98 min Scan# 639
 Delta R.T. 0.00 min
 Lab File: VX015963.D
 Acq: 28 Apr 2020 15:46

Tgt Ion	49	Resp	44162
Ion Ratio <td>Lower</td> <td>Upper</td> <td></td>	Lower	Upper	
49	100		
129	2.0	0.0	4.6
130	79.2	63.9	95.9



Abundance Ion 48.90 (48.60 to 49.60): VX0
 Ion 128.80 (128.50 to 129.50): V
 Ion 129.80 (129.50 to 130.50): V





#29

Tetrahydrofuran

Concen: 90.111 ug/l

RT: 5.09 min Scan# 657

Delta R.T. 0.00 min

Lab File: VX015963.D

Acq: 28 Apr 2020 15:46

Instrument :

MSVOA_X

ClientSampleId :

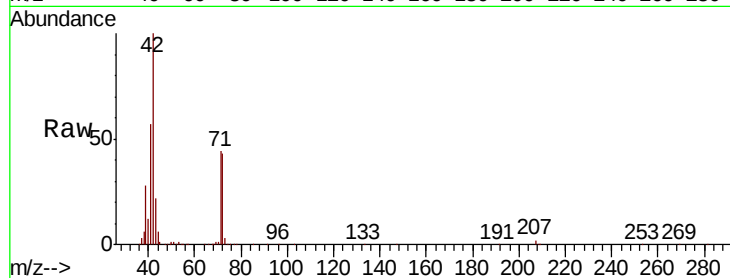
Tot Ion: 42 Resp: 141177

Ion Ratio Lower Upper

42 100

72 47.1 37.4 56.0

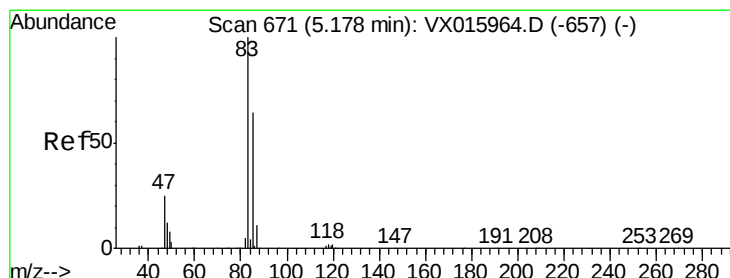
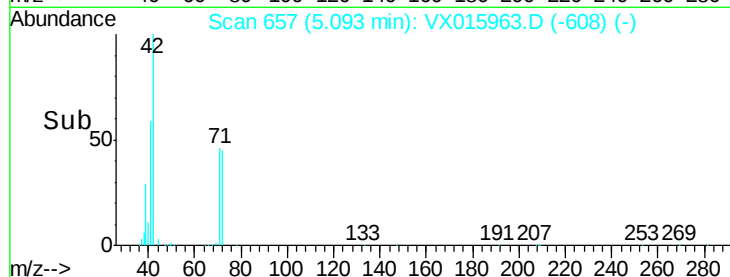
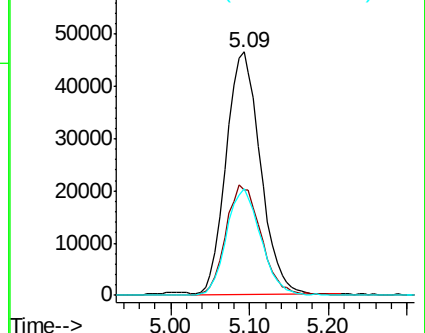
71 43.9 34.6 52.0



Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0



#30

Chloroform

Concen: 18.070 ug/l

RT: 5.18 min Scan# 671

Delta R.T. 0.00 min

Lab File: VX015963.D

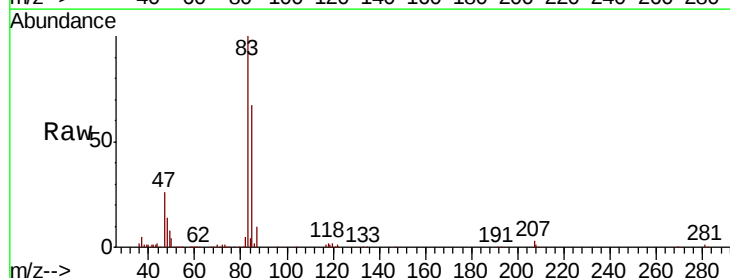
Acq: 28 Apr 2020 15:46

Tgt Ion: 83 Resp: 93678

Ion Ratio Lower Upper

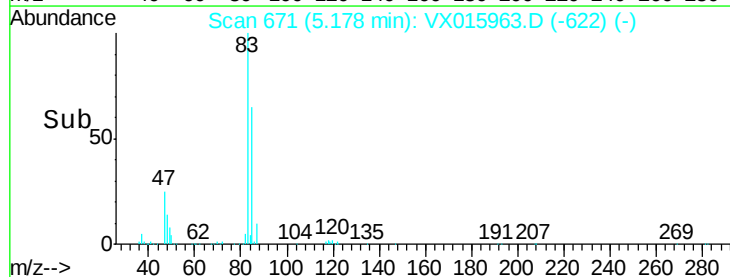
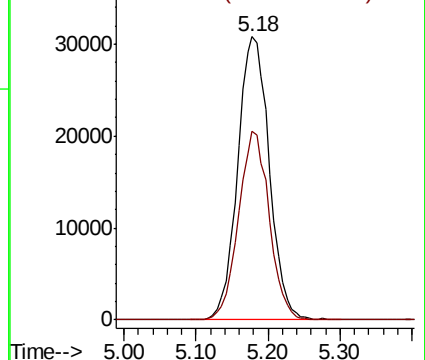
83 100

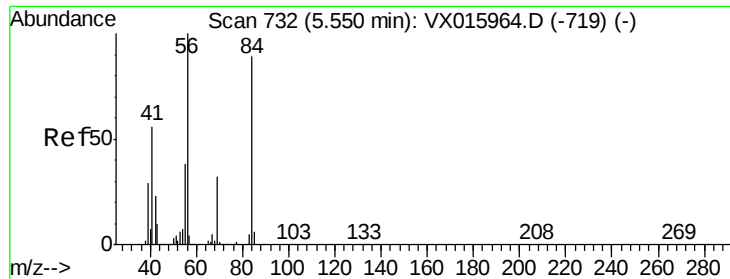
85 66.6 51.0 76.4



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

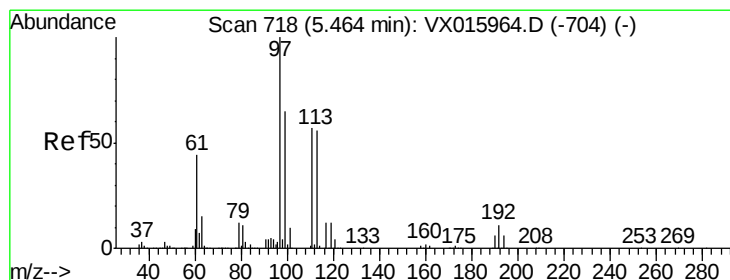
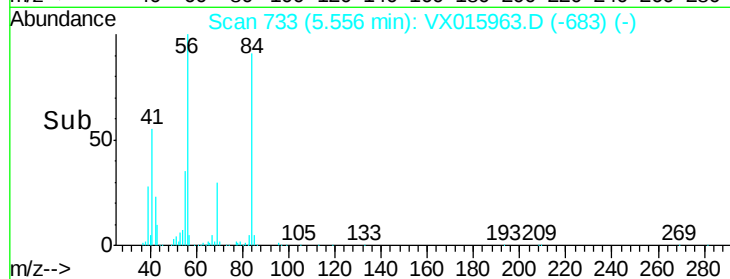
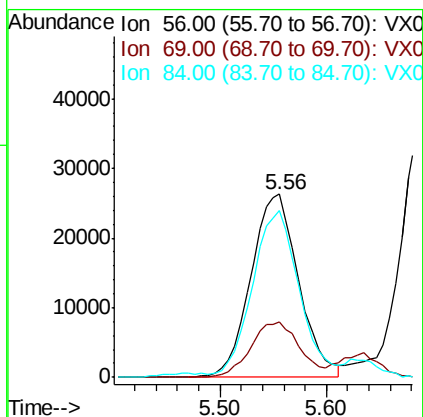
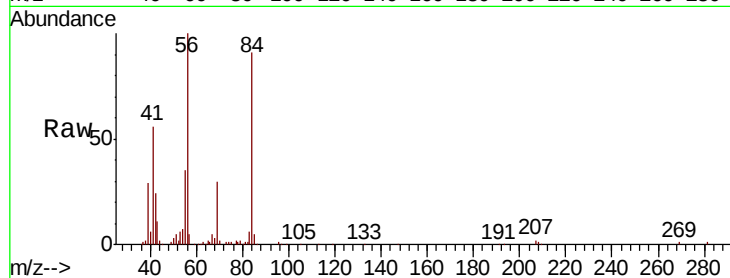




#31
Cyclohexane
Concen: 18.553 ug/l
RT: 5.56 min Scan# 733
Delta R.T. 0.01 min
Lab File: VX015963.D
Acq: 28 Apr 2020 15:46

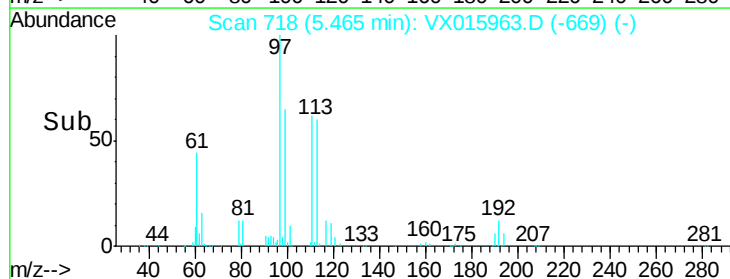
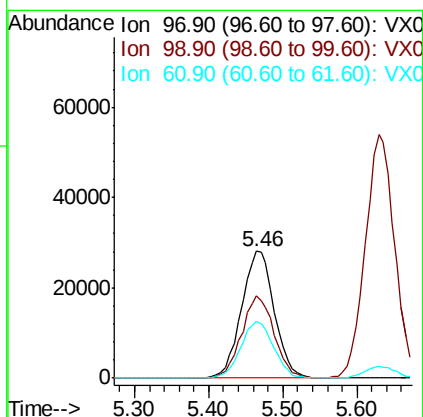
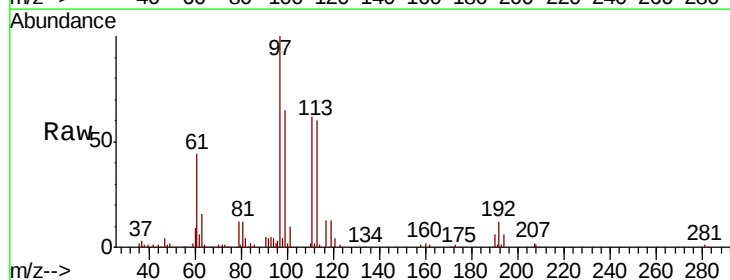
Instrument :
MSVOA_X
ClientSampleId :

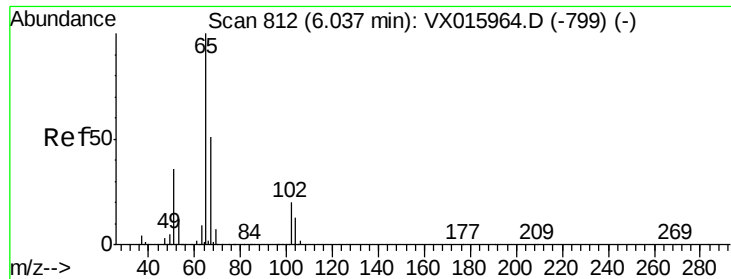
Tot Ion: 56 Resp: 82345
Ion Ratio Lower Upper
56 100
69 30.2 25.4 38.2
84 89.3 71.0 106.6



#32
1,1,1-Trichloroethane
Concen: 18.109 ug/l
RT: 5.46 min Scan# 718
Delta R.T. 0.00 min
Lab File: VX015963.D
Acq: 28 Apr 2020 15:46

Tgt Ion: 97 Resp: 86439
Ion Ratio Lower Upper
97 100
99 64.1 51.4 77.0
61 44.8 35.7 53.5





#33

1,2-Dichloroethane-d4

Concen: 18.676 ug/l

RT: 6.03 min Scan# 811

Delta R.T. -0.01 min

Lab File: VX015963.D

Acq: 28 Apr 2020 15:46

Instrument :

MSVOA_X

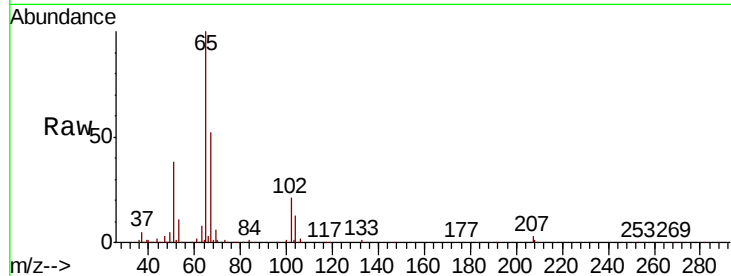
ClientSampled :

Tot Ion: 65 Resp: 64432

Ion Ratio Lower Upper

65 100

67 52.3 0.0 102.4



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.03

25000

20000

15000

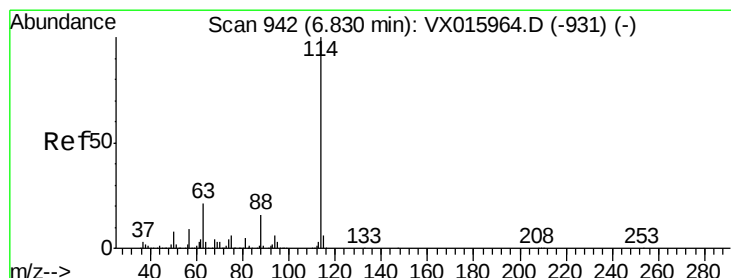
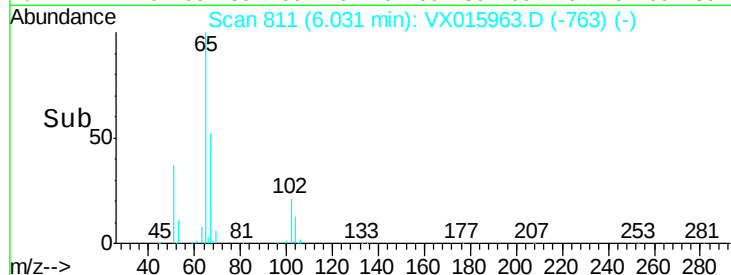
10000

5000

0

Time-->

5.90 6.00 6.10



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.84 min Scan# 943

Delta R.T. 0.01 min

Lab File: VX015963.D

Acq: 28 Apr 2020 15:46

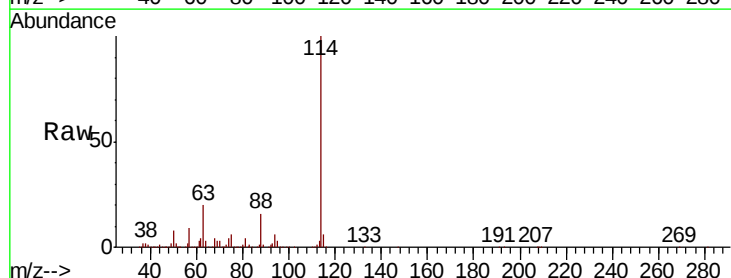
Tgt Ion: 114 Resp: 419132

Ion Ratio Lower Upper

114 100

63 20.0 0.0 41.2

88 15.8 0.0 31.8



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

200000

150000

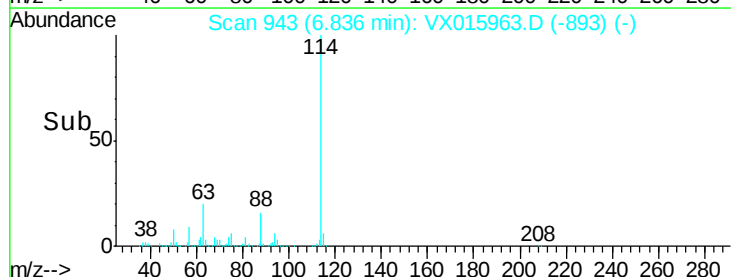
100000

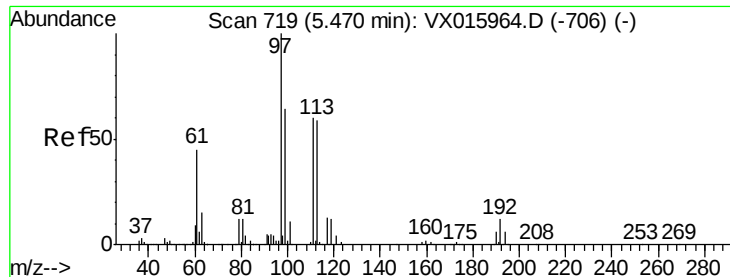
50000

0

Time-->

6.70 6.80 6.90 7.00





#35

Dibromofluoromethane

Concen: 18.434 ug/l

RT: 5.47 min Scan# 719

Delta R.T. 0.00 min

Lab File: VX015963.D

Acq: 28 Apr 2020 15:46

Instrument :

MSVOA_X

ClientSampleId :

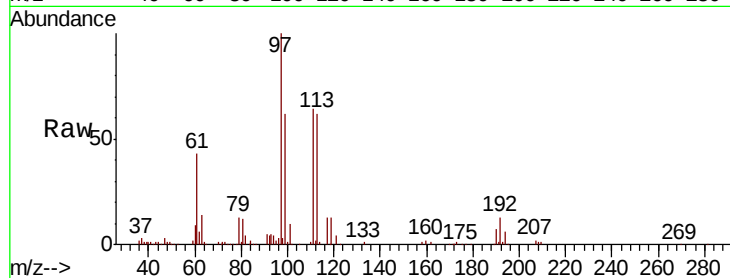
Tot Ion:113 Resp: 48196

Ion Ratio Lower Upper

113 100

111 104.4 81.8 122.8

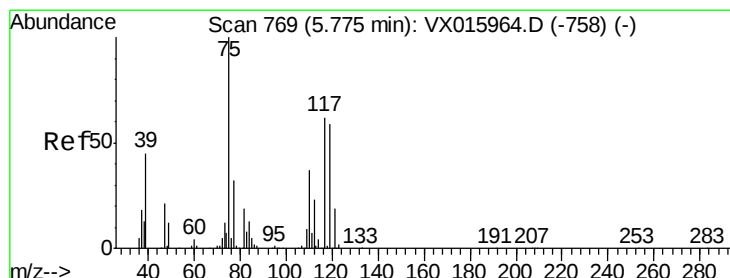
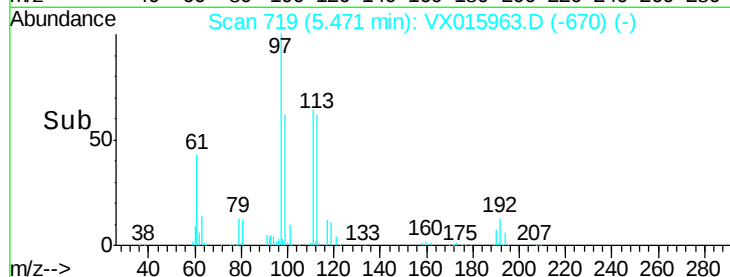
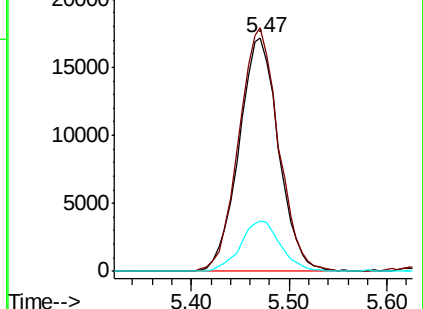
192 21.7 16.8 25.2



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 17.390 ug/l

RT: 5.77 min Scan# 768

Delta R.T. -0.01 min

Lab File: VX015963.D

Acq: 28 Apr 2020 15:46

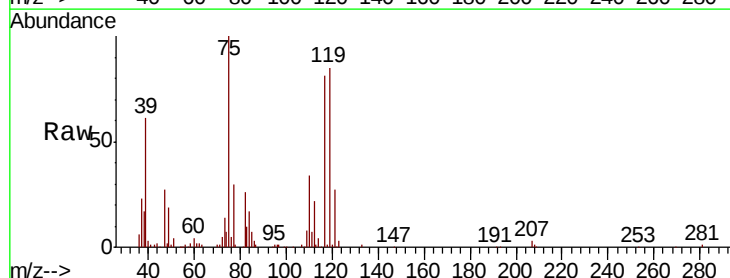
Tgt Ion: 75 Resp: 69420

Ion Ratio Lower Upper

75 100

110 36.2 17.9 53.7

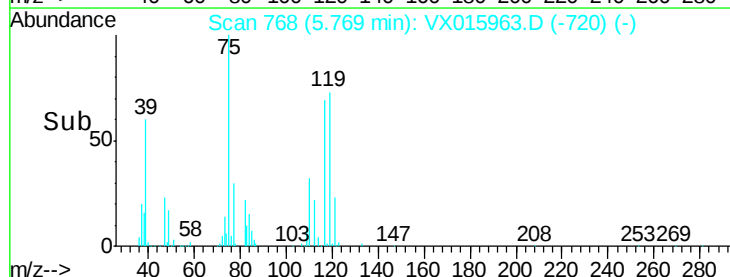
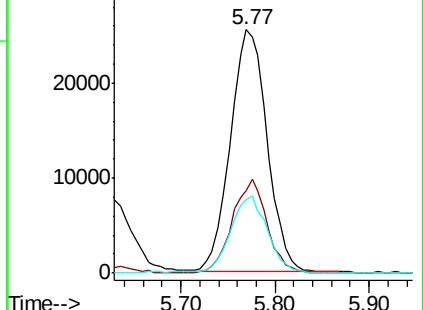
77 31.4 25.2 37.8

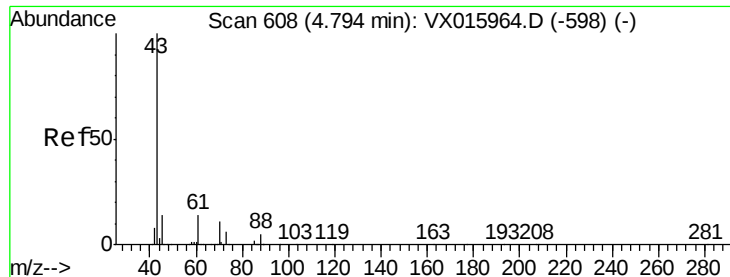


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

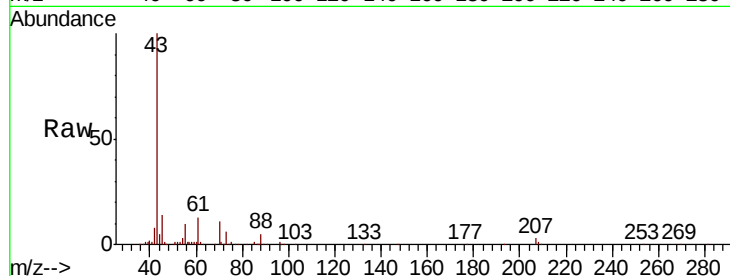




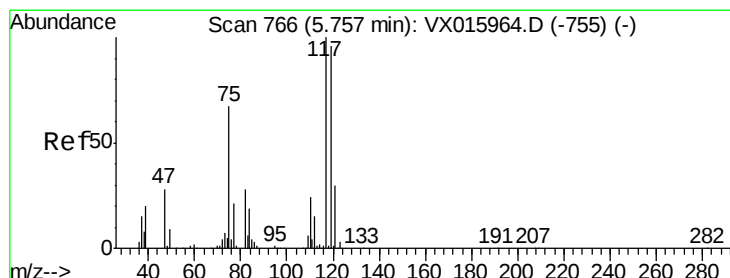
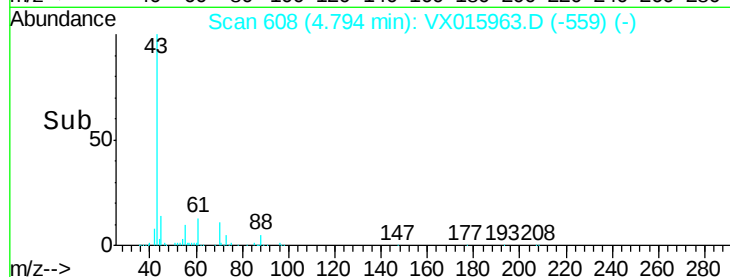
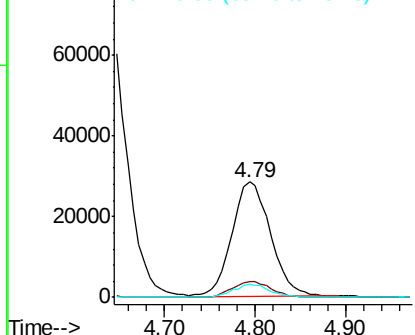
#37
Ethyl Acetate
Concen: 18.302 ug/l
RT: 4.79 min Scan# 608
Delta R.T. 0.00 min
Lab File: VX015963.D
Acq: 28 Apr 2020 15:46

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 43 Resp: 83779
Ion Ratio Lower Upper
43 100
61 13.3 11.6 17.4
70 10.7 8.9 13.3

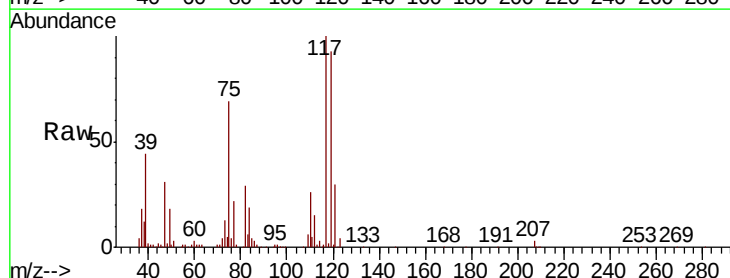


Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 70.00 (69.70 to 70.70): VX0

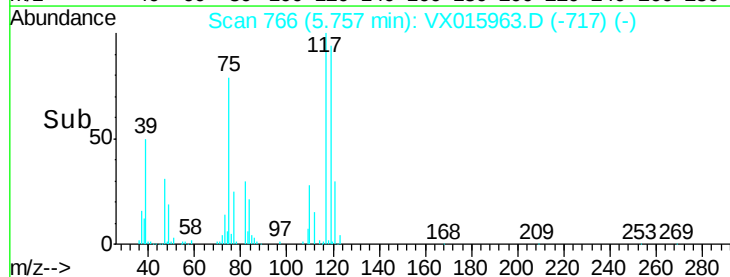
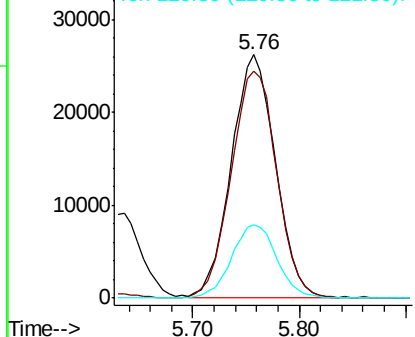


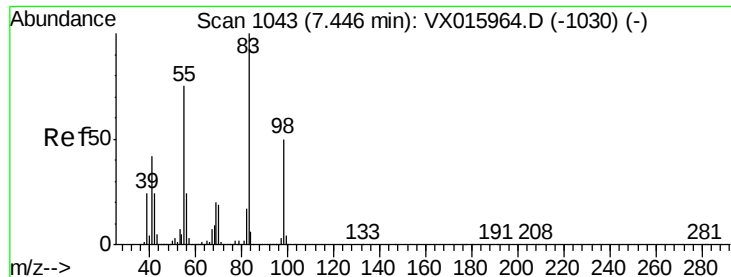
#38
Carbon Tetrachloride
Concen: 18.000 ug/l
RT: 5.76 min Scan# 766
Delta R.T. 0.00 min
Lab File: VX015963.D
Acq: 28 Apr 2020 15:46

Tgt Ion: 117 Resp: 75895
Ion Ratio Lower Upper
117 100
119 93.0 76.2 114.4
121 30.0 24.2 36.4



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

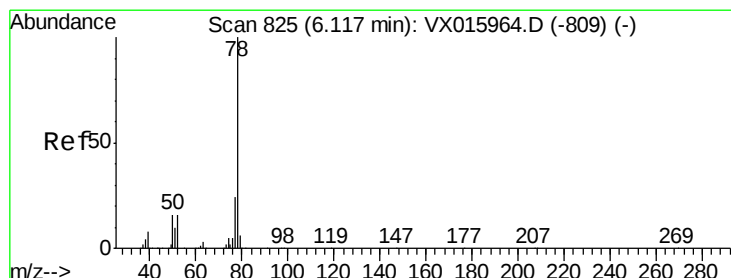
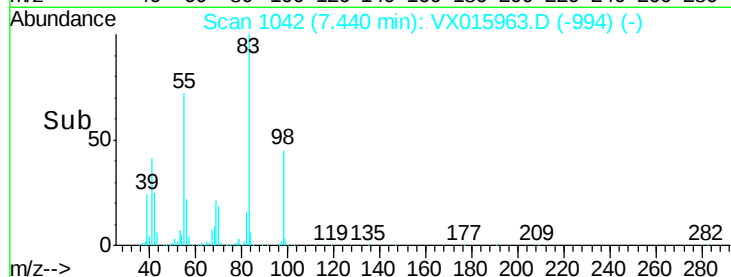
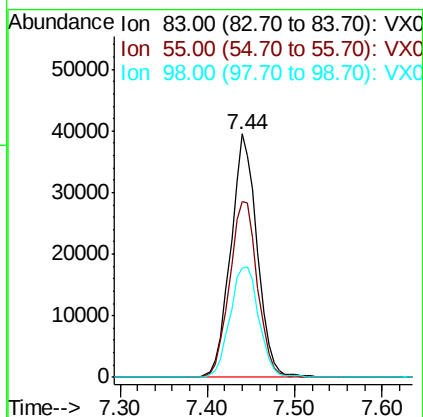
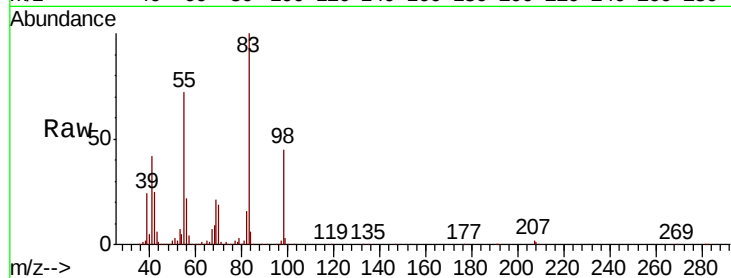




#39
Methvlcvclohexane
Concen: 17.980 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. -0.01 min
Lab File: VX015963.D
Acq: 28 Apr 2020 15:46

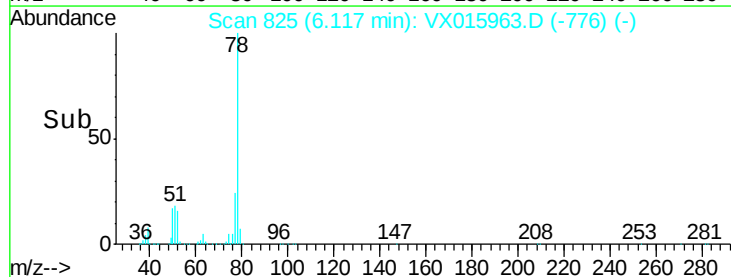
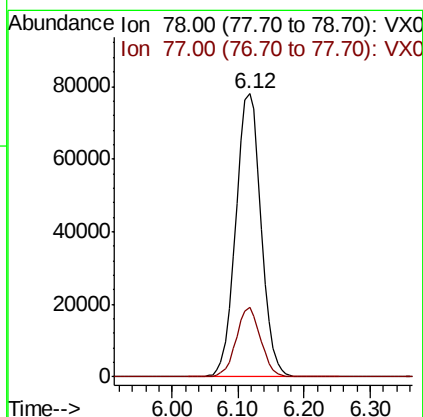
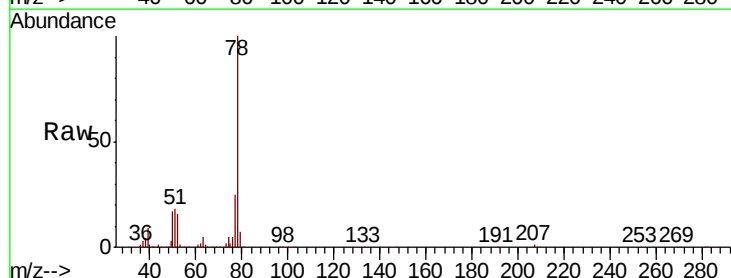
Instrument :
MSVOA_X
ClientSampleId :

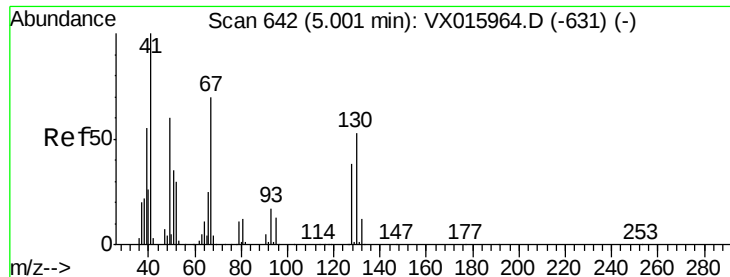
Tot Ion: 83 Resp: 83024
Ion Ratio Lower Upper
83 100
55 72.2 59.9 89.9
98 44.7 39.9 59.9



#40
Benzene
Concen: 18.168 ug/l
RT: 6.12 min Scan# 825
Delta R.T. 0.00 min
Lab File: VX015963.D
Acq: 28 Apr 2020 15:46

Tgt Ion: 78 Resp: 206939
Ion Ratio Lower Upper
78 100
77 24.6 18.8 28.2

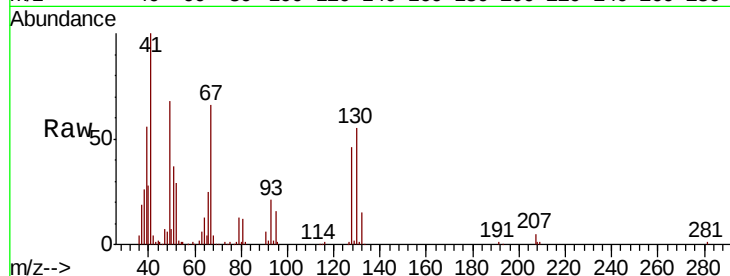




#41
Methacrylonitrile
Concen: 17.687 ug/l
RT: 5.00 min Scan# 642
Delta R.T. 0.00 min
Lab File: VX015963.D
Acq: 28 Apr 2020 15:46

Instrument :
MSVOA_X
ClientSampled :

Tot Ion:	41	Resp:	43337
Ion	Ratio	Lower	Upper
41	100		
39	58.0	45.2	67.8
67	73.8	59.4	89.2
52	31.0	25.4	38.0



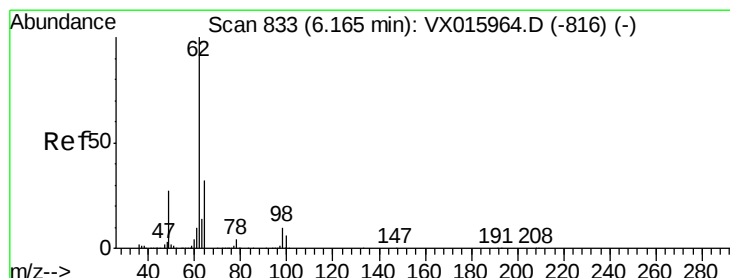
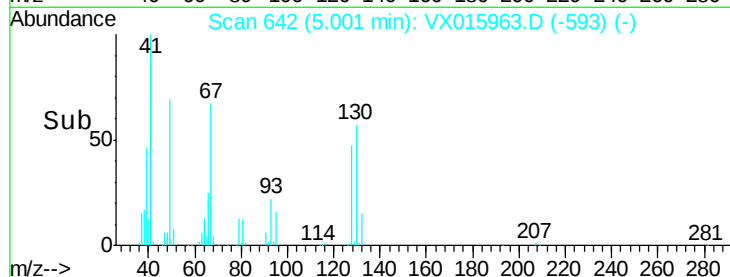
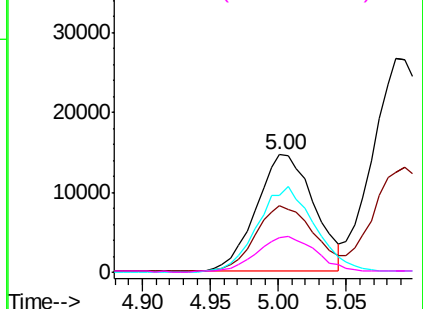
Abundance

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

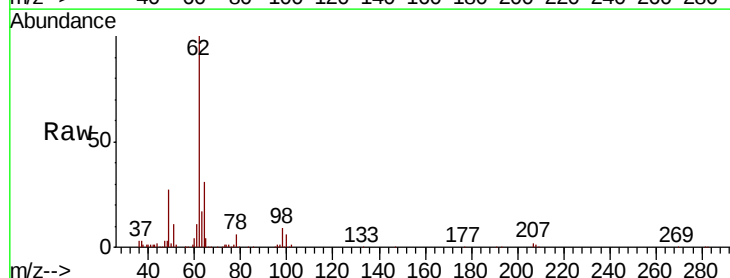
Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42
1,2-Dichloroethane
Concen: 17.952 ug/l
RT: 6.17 min Scan# 833
Delta R.T. 0.00 min
Lab File: VX015963.D
Acq: 28 Apr 2020 15:46

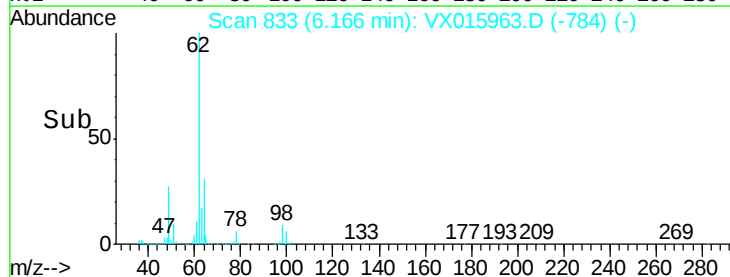
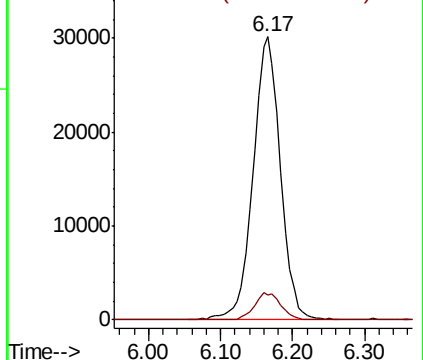
Tgt Ion:	62	Resp:	79230
Ion	Ratio	Lower	Upper
62	100		
98	9.3	0.0	18.4

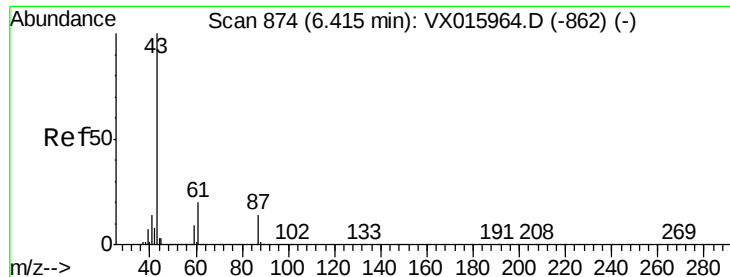


Abundance

Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



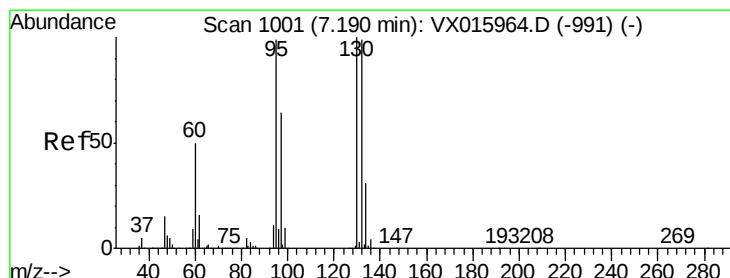
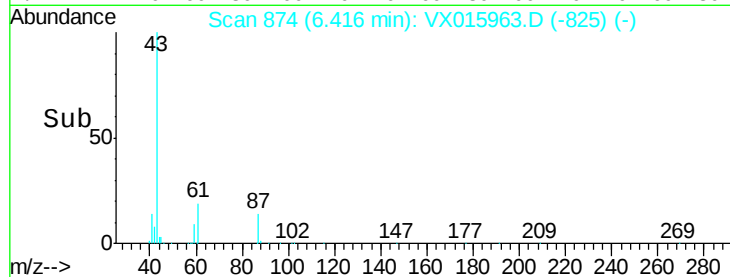
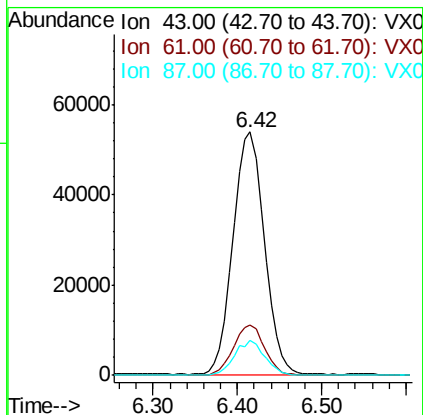
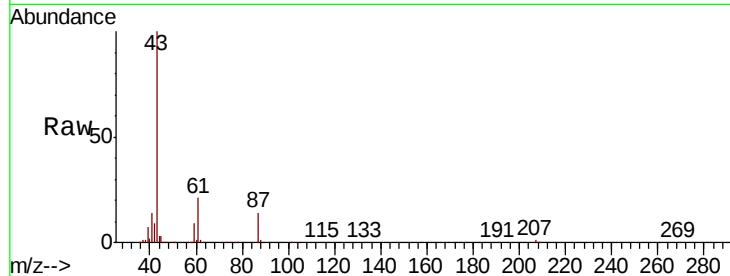


#43

Isopropyl Acetate
 Concen: 17.889 ug/l
 RT: 6.42 min Scan# 874
 Delta R.T. 0.00 min
 Lab File: VX015963.D
 Acq: 28 Apr 2020 15:46

Instrument :
 MSVOA_X
 ClientSampleId :

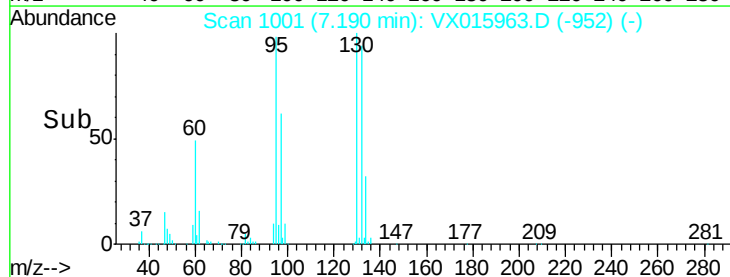
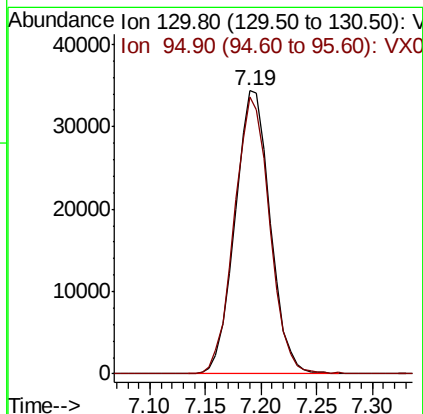
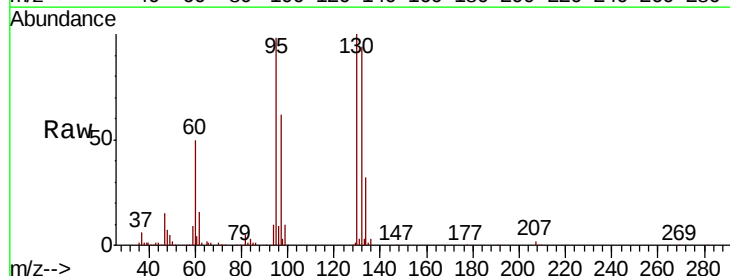
Tot Ion	43	Resp	135601
Ion Ratio	Lower	Upper	
43	100		
61	20.6	16.1	24.1
87	13.7	10.9	16.3

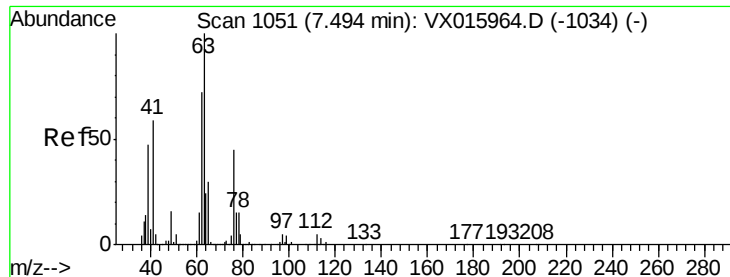


#44

Trichloroethene
 Concen: 18.392 ug/l
 RT: 7.19 min Scan# 1001
 Delta R.T. 0.00 min
 Lab File: VX015963.D
 Acq: 28 Apr 2020 15:46

Tgt Ion	130	Resp	75508
Ion Ratio	Lower	Upper	
130	100		
95	97.9	0.0	197.4





#45

1,2-Dichloropropane

Concen: 17.983 ug/l

RT: 7.49 min Scan# 1051

Delta R.T. 0.00 min

Lab File: VX015963.D

Acq: 28 Apr 2020 15:46

Instrument :

MSVOA_X

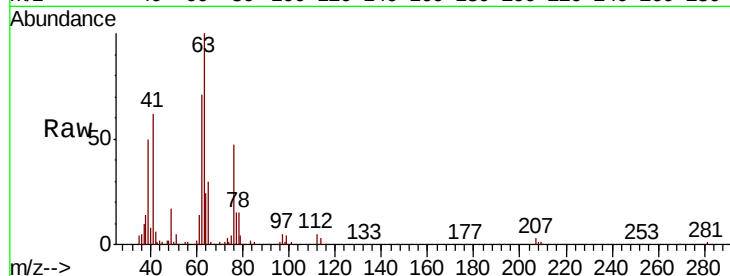
ClientSampleId :

Tot Ion: 63 Resp: 52938

Ion Ratio Lower Upper

63 100

65 29.7 24.3 36.5



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0

7.49

25000

20000

15000

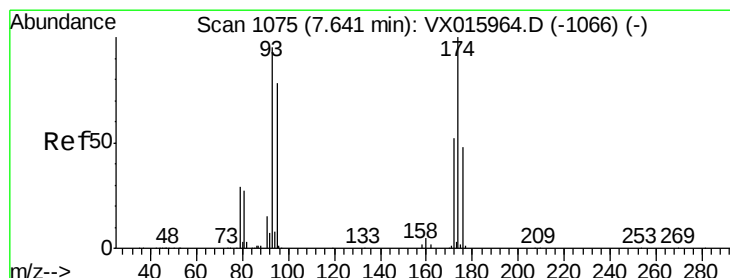
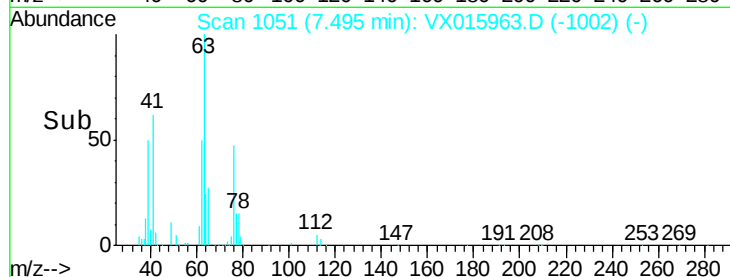
10000

5000

0

Time-->

7.40 7.50 7.60



#46

Dibromomethane

Concen: 18.008 ug/l

RT: 7.64 min Scan# 1075

Delta R.T. 0.00 min

Lab File: VX015963.D

Acq: 28 Apr 2020 15:46

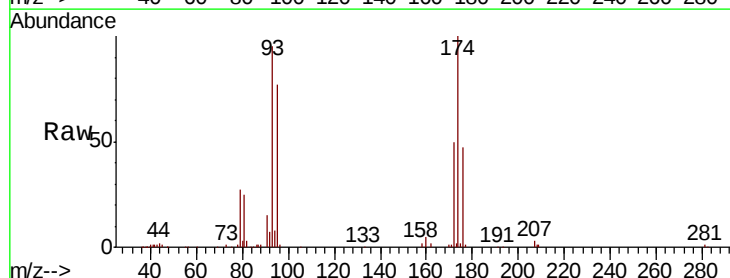
Tgt Ion: 93 Resp: 37667

Ion Ratio Lower Upper

93 100

95 83.0 65.5 98.3

174 103.5 82.7 124.1



Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V

25000

20000

15000

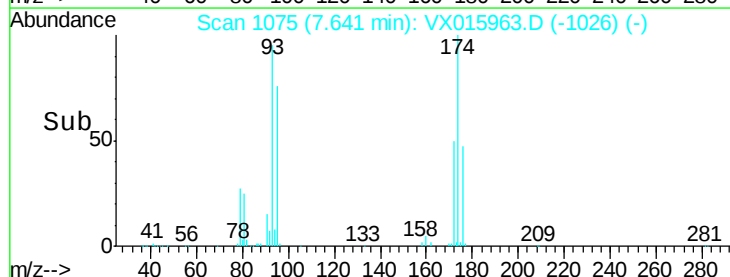
10000

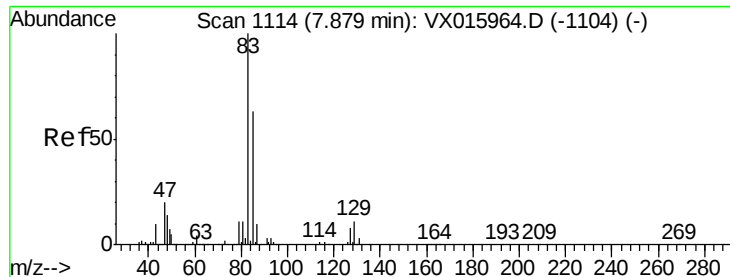
5000

0

Time-->

7.60 7.70





#47

Bromodichloromethane

Concen: 18.052 ug/l

RT: 7.88 min Scan# 1114

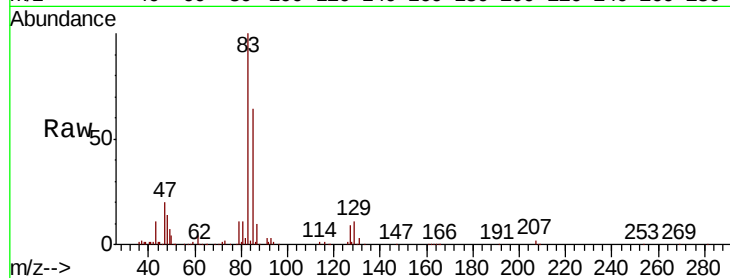
Delta R.T. 0.00 min

Lab File: VX015963.D

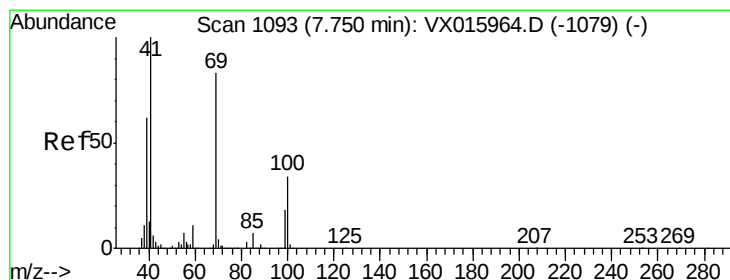
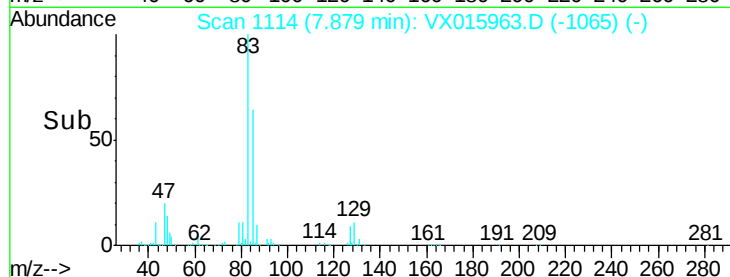
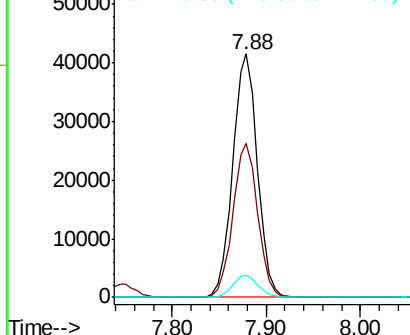
Acq: 28 Apr 2020 15:46

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:	83	Resp:	75037
Ion	Ratio	Lower	Upper
83	100		
85	63.5	50.6	75.8
127	9.1	6.7	10.1



Abundance Ion 82.90 (82.60 to 83.60): VX0
Ion 84.90 (84.60 to 85.60): VX0
Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 18.040 ug/l

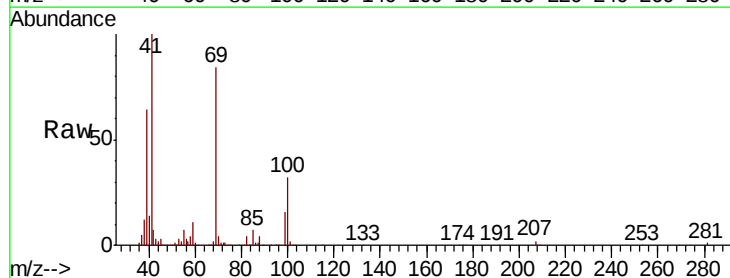
RT: 7.74 min Scan# 1092

Delta R.T. -0.01 min

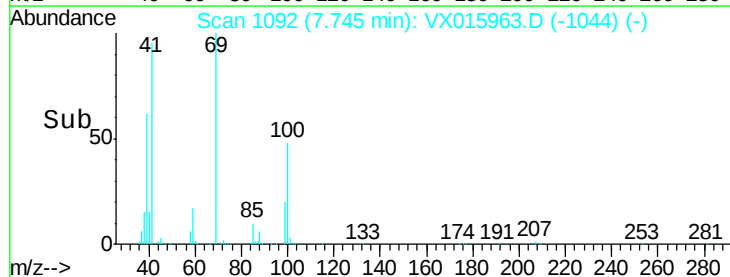
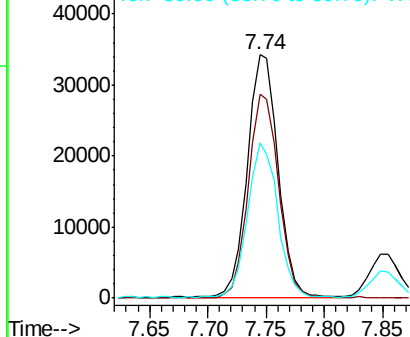
Lab File: VX015963.D

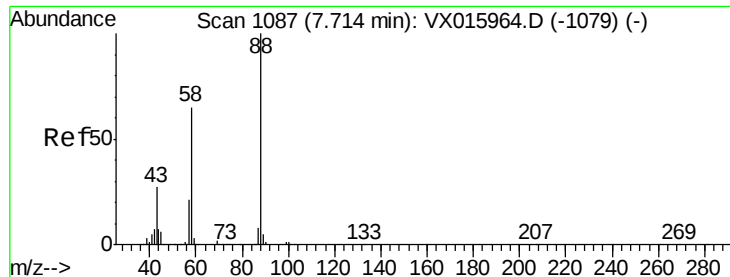
Acq: 28 Apr 2020 15:46

Tgt Ion:	41	Resp:	63137
Ion	Ratio	Lower	Upper
41	100		
69	83.6	66.0	99.0
39	62.0	49.0	73.4



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: 362.061 ug/l

RT: 7.71 min Scan# 1087

Delta R.T. 0.00 min

Lab File: VX015963.D

Acq: 28 Apr 2020 15:46

Instrument :

MSVOA_X

ClientSampleId :

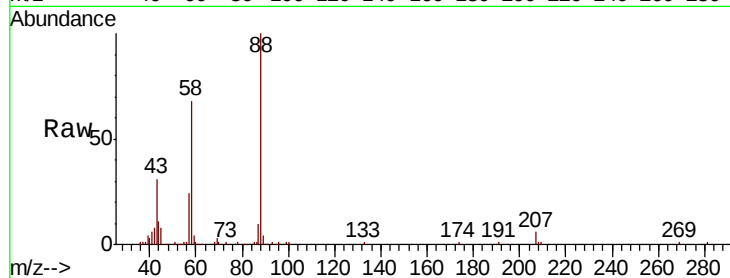
Tot Ion: 88 Resp: 29809

Ion Ratio Lower Upper

88 100

43 34.5 26.6 39.8

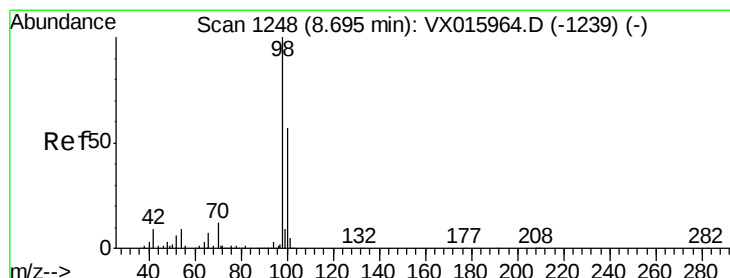
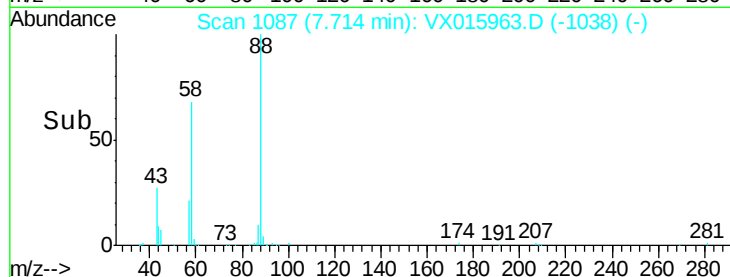
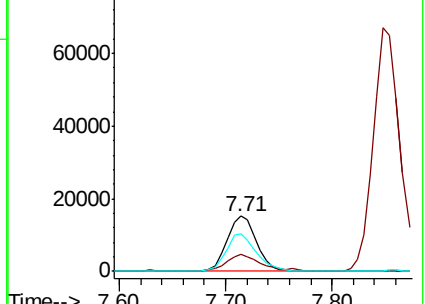
58 69.5 54.8 82.2



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: 19.004 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. 0.00 min

Lab File: VX015963.D

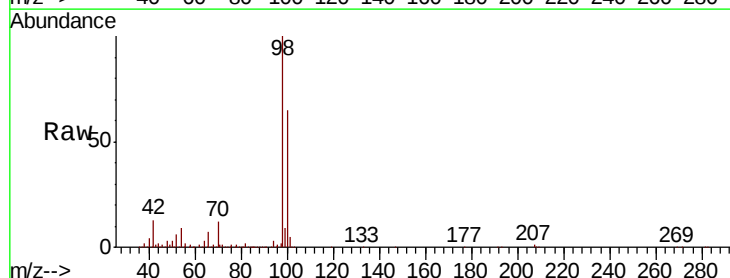
Acq: 28 Apr 2020 15:46

Tgt Ion: 98 Resp: 185776

Ion Ratio Lower Upper

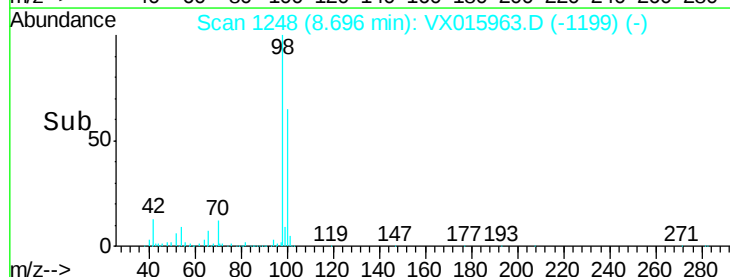
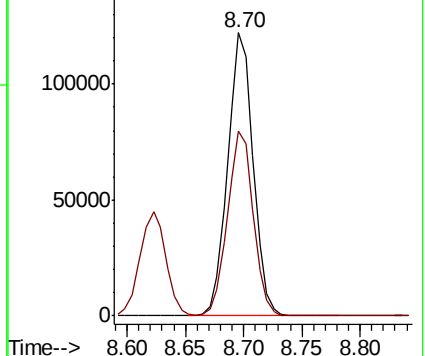
98 100

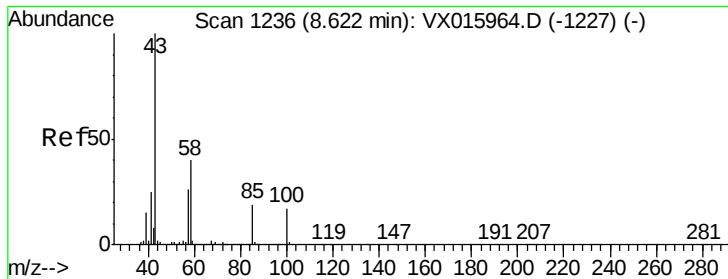
100 65.6 53.1 79.7



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





#51

4-Methyl-2-Pentanone

Concen: 92.046 ug/l

RT: 8.62 min Scan# 1236

Delta R.T. 0.00 min

Lab File: VX015963.D

Acq: 28 Apr 2020 15:46

Instrument :

MSVOA_X

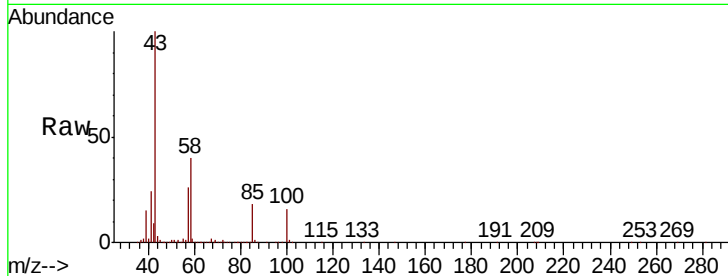
ClientSampleId :

Tot Ion: 43 Resp: 423212

Ion Ratio Lower Upper

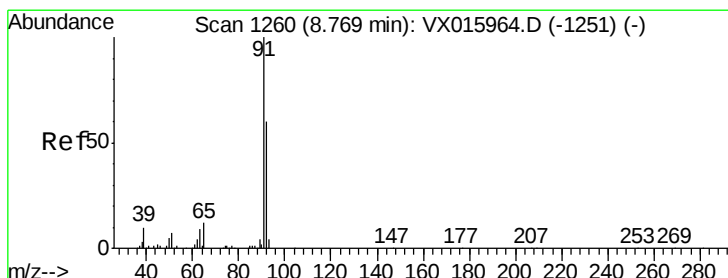
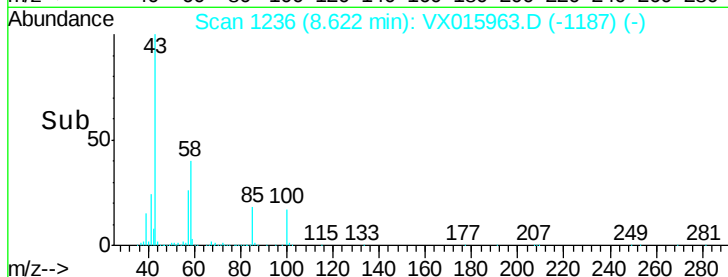
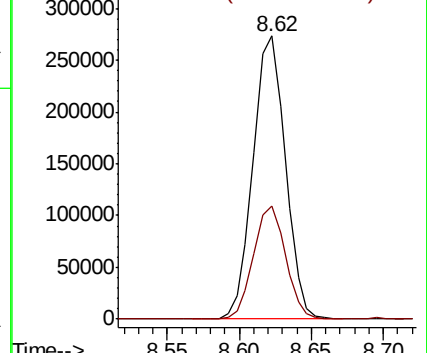
43 100

58 39.9 32.0 48.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 18.074 ug/l

RT: 8.77 min Scan# 1260

Delta R.T. 0.00 min

Lab File: VX015963.D

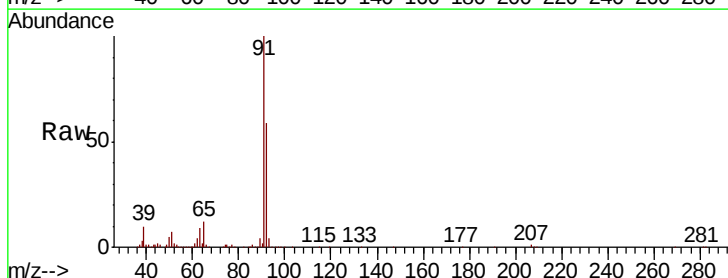
Acq: 28 Apr 2020 15:46

Tgt Ion: 92 Resp: 130677

Ion Ratio Lower Upper

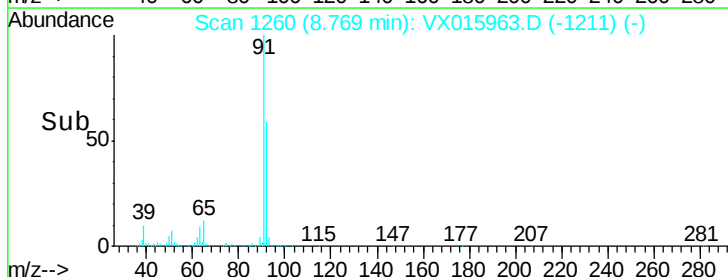
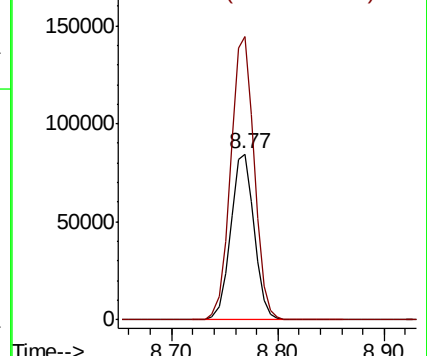
92 100

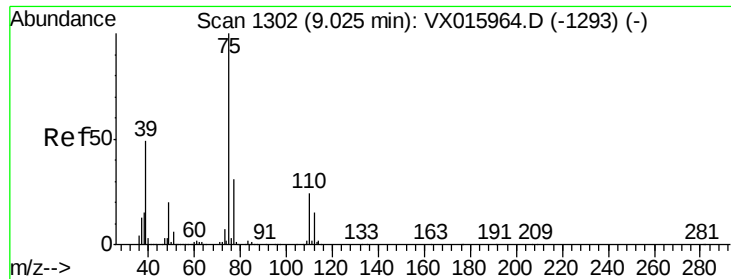
91 171.6 134.6 202.0



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

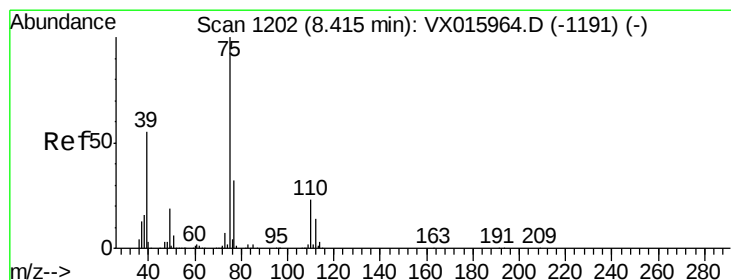
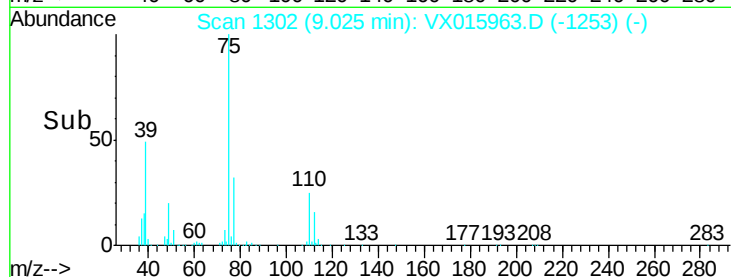
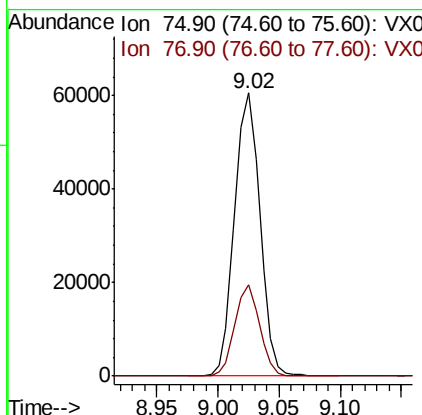
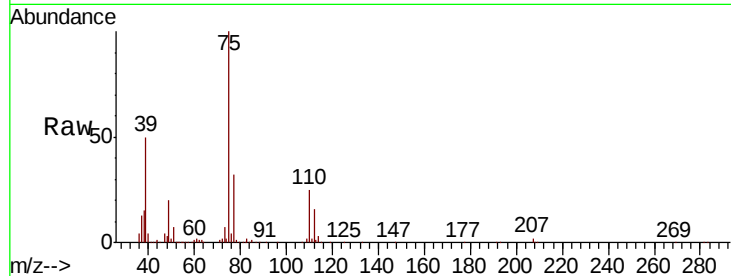




#53
t-1,3-Dichloropropene
Concen: 17.635 ug/l
RT: 9.02 min Scan# 1302
Delta R.T. 0.00 min
Lab File: VX015963.D
Acq: 28 Apr 2020 15:46

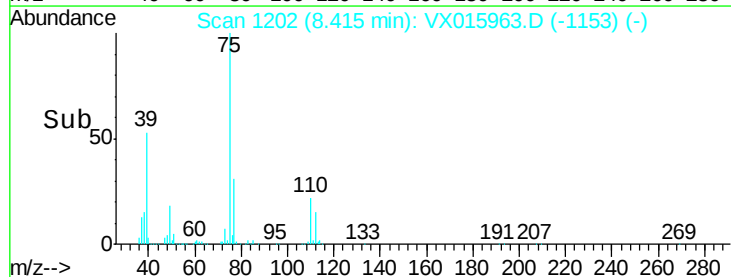
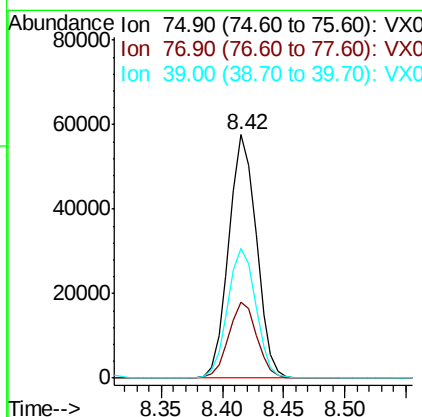
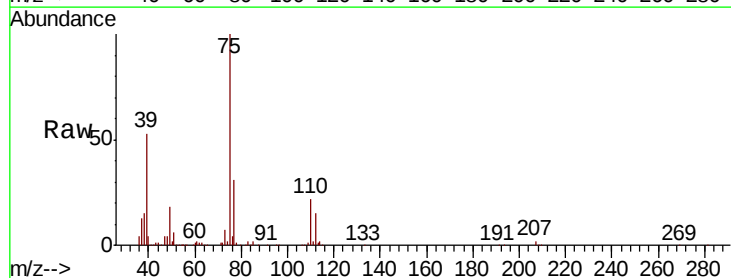
Instrument :
MSVOA_X
ClientSampleId :

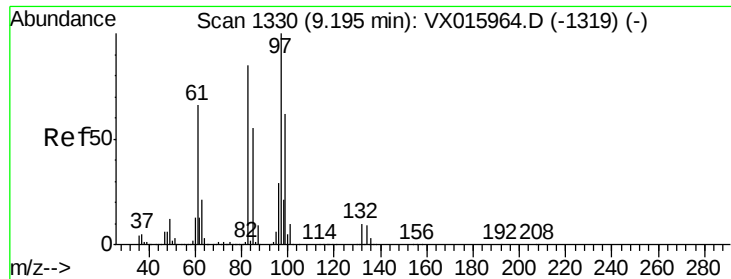
Tot Ion: 75 Resp: 86978
Ion Ratio Lower Upper
75 100
77 32.3 24.9 37.3



#54
cis-1,3-Dichloropropene
Concen: 17.885 ug/l
RT: 8.42 min Scan# 1202
Delta R.T. 0.00 min
Lab File: VX015963.D
Acq: 28 Apr 2020 15:46

Tgt Ion: 75 Resp: 90722
Ion Ratio Lower Upper
75 100
77 30.9 25.4 38.0
39 52.8 44.1 66.1

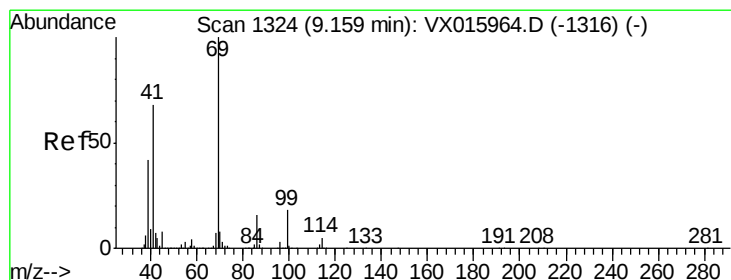
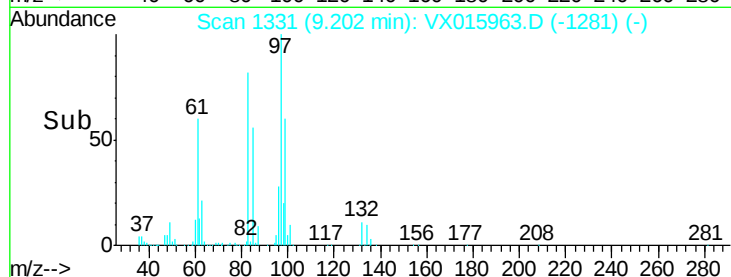
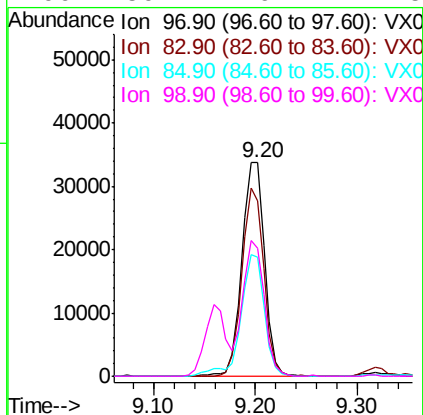
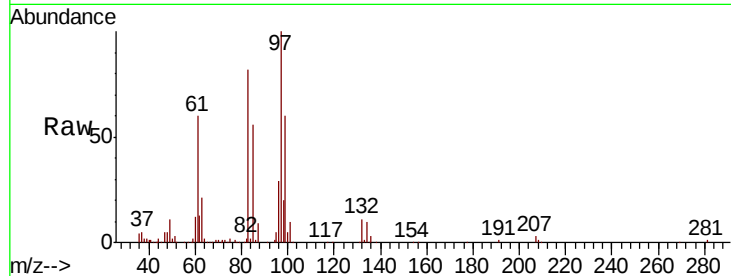




#55
 1,1,2-Trichloroethane
 Concen: 17.961 ug/l
 RT: 9.20 min Scan# 1331
 Delta R.T. 0.01 min
 Lab File: VX015963.D
 Acq: 28 Apr 2020 15:46

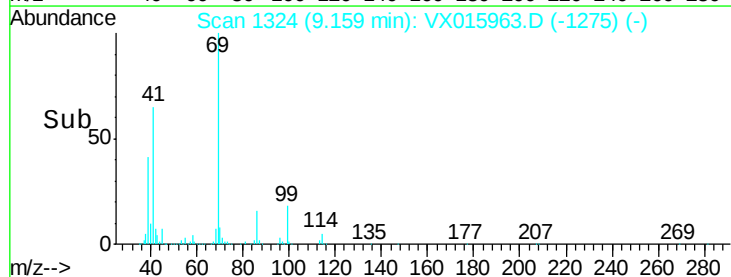
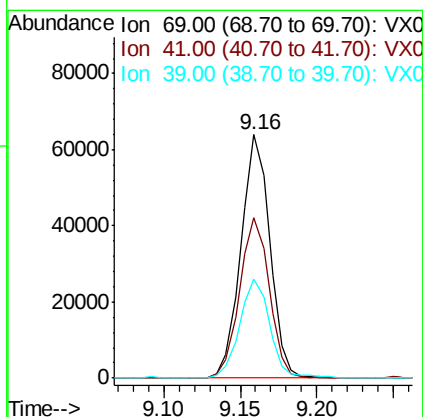
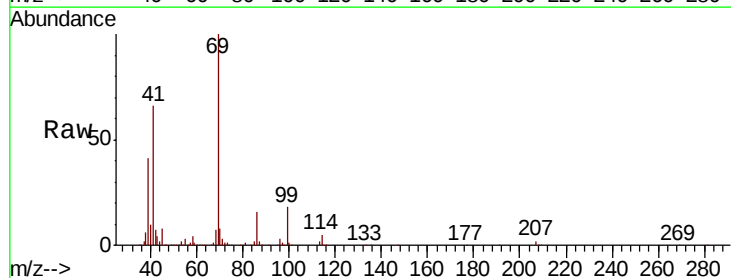
Instrument :
 MSVOA_X
 ClientSampled :

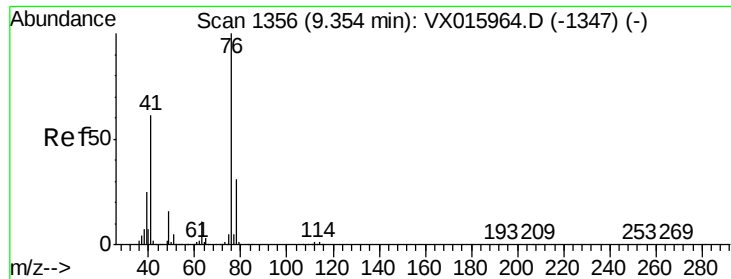
Tot Ion: 97 Resp: 51895
 Ion Ratio Lower Upper
 97 100
 83 82.3 68.2 102.2
 85 55.5 43.7 65.5
 99 59.7 49.7 74.5



#56
 Ethyl methacrylate
 Concen: 17.911 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. 0.00 min
 Lab File: VX015963.D
 Acq: 28 Apr 2020 15:46

Tgt Ion: 69 Resp: 84150
 Ion Ratio Lower Upper
 69 100
 41 67.5 53.5 80.3
 39 41.7 33.4 50.0

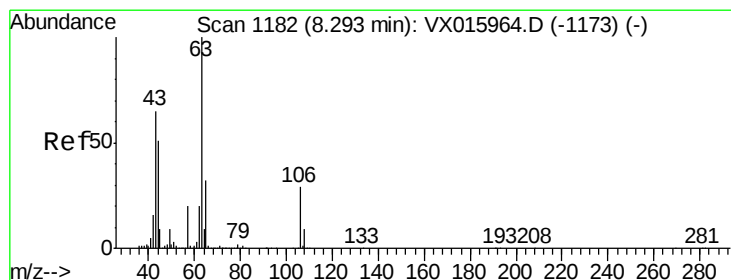
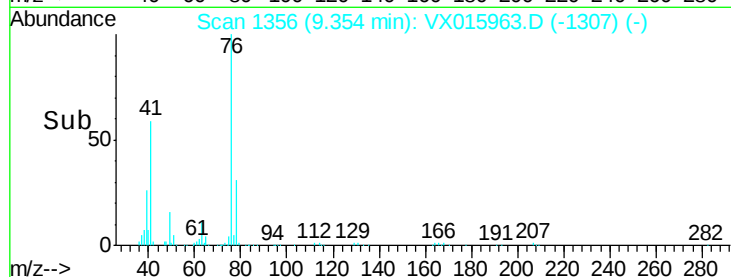
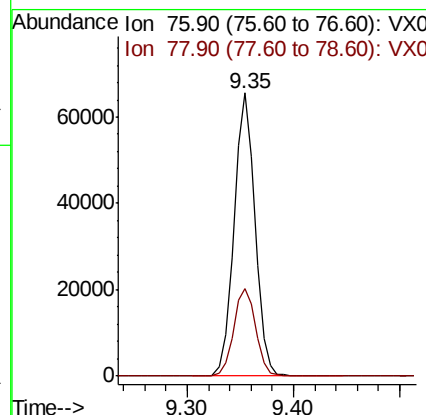
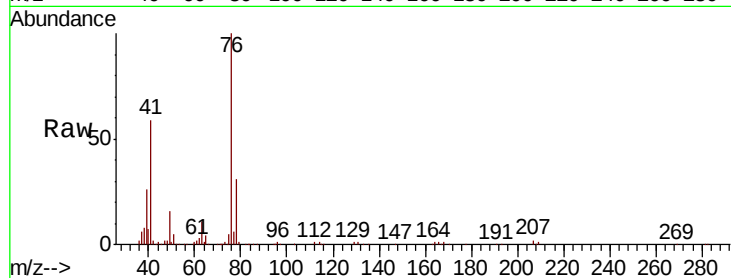




#57
 1,3-Dichloropropane
 Concen: 18.265 ug/l
 RT: 9.35 min Scan# 1356
 Delta R.T. 0.00 min
 Lab File: VX015963.D
 Acq: 28 Apr 2020 15:46

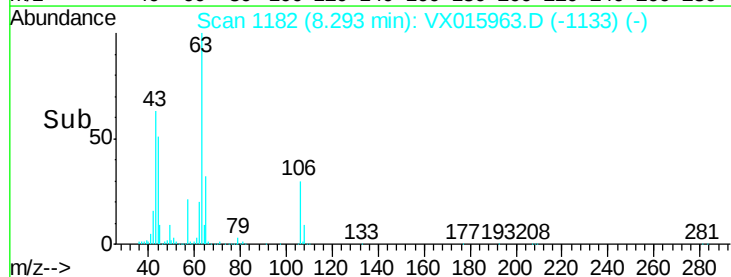
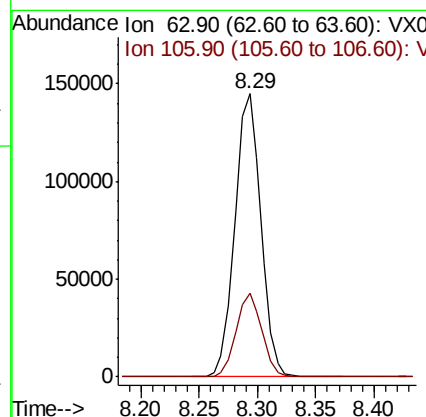
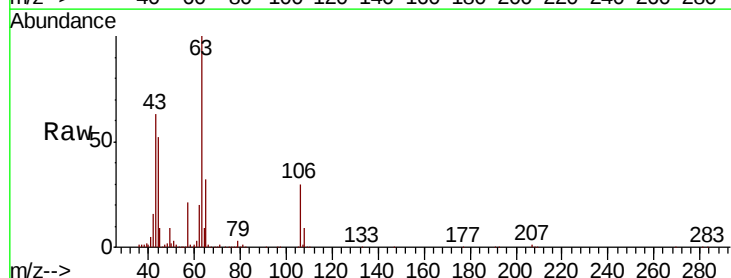
Instrument :
 MSVOA_X
 ClientSampleId :

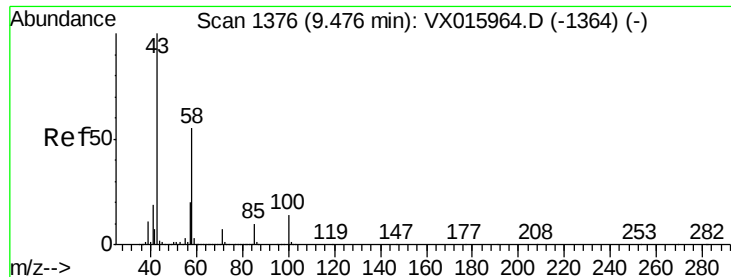
Tot Ion: 76 Resp: 90673
 Ion Ratio Lower Upper
 76 100
 78 32.7 25.5 38.3



#58
 2-Chloroethyl Vinyl ether
 Concen: 93.174 ug/l
 RT: 8.29 min Scan# 1182
 Delta R.T. 0.00 min
 Lab File: VX015963.D
 Acq: 28 Apr 2020 15:46

Tgt Ion: 63 Resp: 226213
 Ion Ratio Lower Upper
 63 100
 106 29.2 23.6 35.4

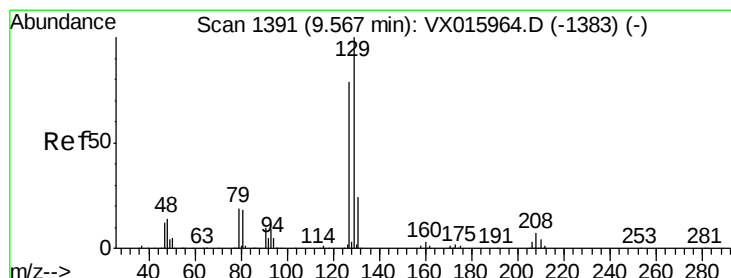
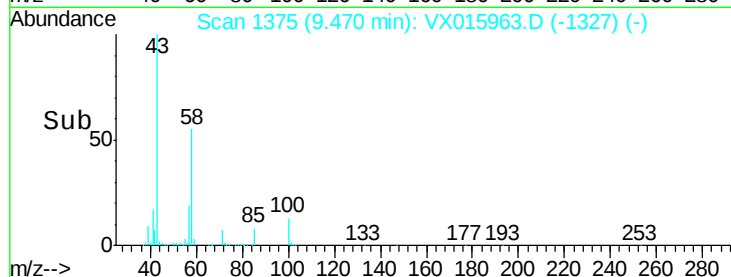
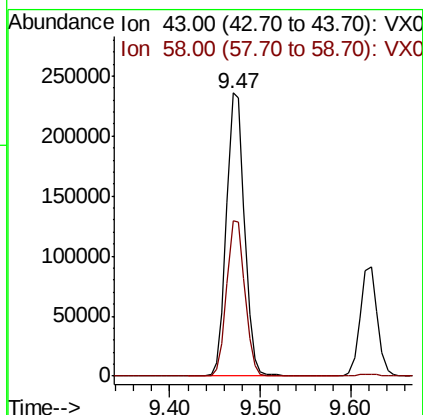
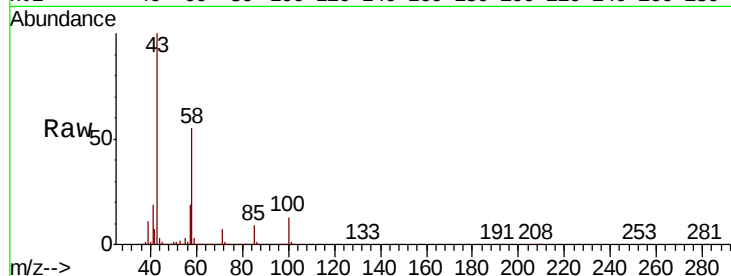




#59
2-Hexanone
Concen: 90.768 ug/l
RT: 9.47 min Scan# 1375
Delta R.T. -0.01 min
Lab File: VX015963.D
Acq: 28 Apr 2020 15:46

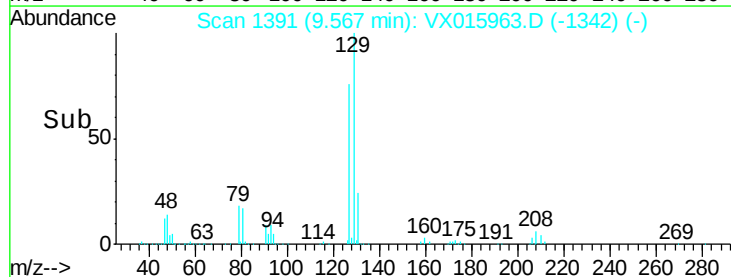
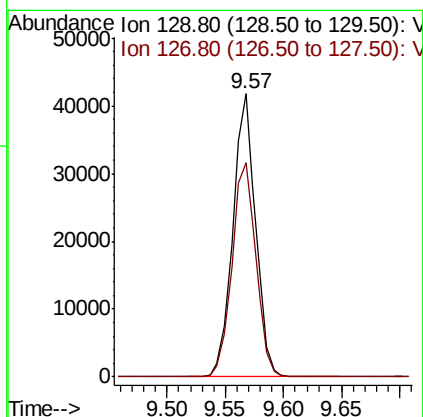
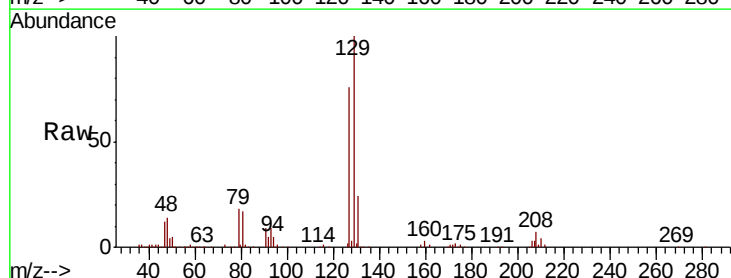
Instrument :
MSVOA_X
ClientSampleId :

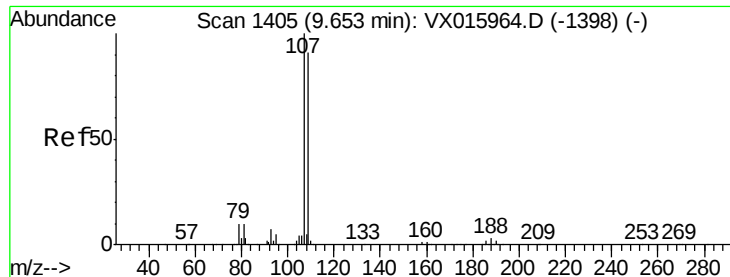
Tot Ion: 43 Resp: 326150
Ion Ratio Lower Upper
43 100
58 55.6 27.7 83.1



#60
Dibromochloromethane
Concen: 17.498 ug/l
RT: 9.57 min Scan# 1391
Delta R.T. 0.00 min
Lab File: VX015963.D
Acq: 28 Apr 2020 15:46

Tgt Ion: 129 Resp: 56589
Ion Ratio Lower Upper
129 100
127 80.1 39.4 118.1





#61

1,2-Dibromoethane

Concen: 18.044 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. 0.00 min

Lab File: VX015963.D

Acq: 28 Apr 2020 15:46

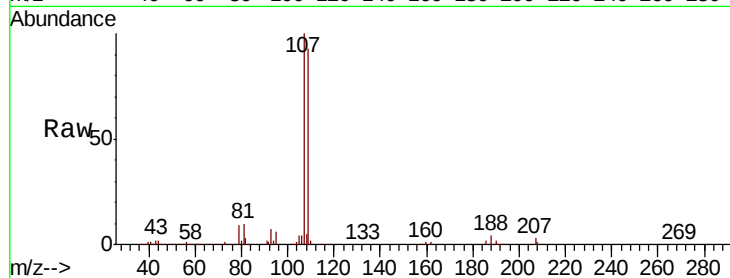
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 107 Resp: 56535

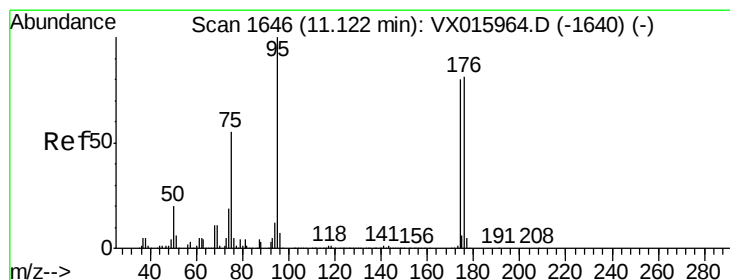
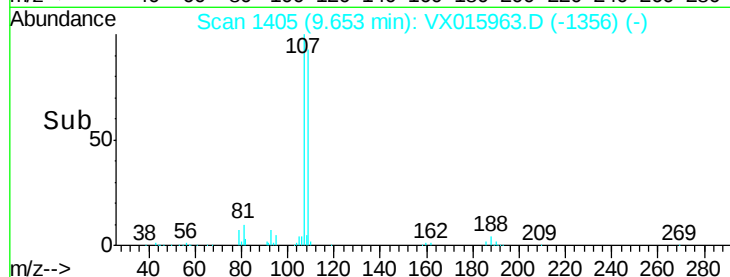
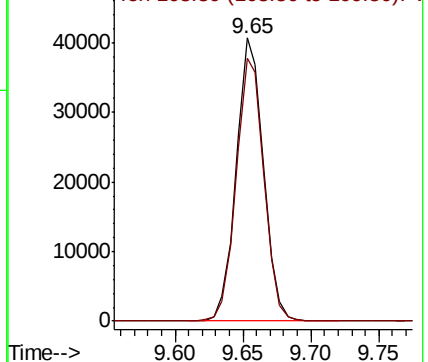
Ion Ratio Lower Upper

107 100

109 94.6 74.9 112.3



Abundance Ion 106.90 (106.60 to 107.60): V
Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 18.172 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. 0.00 min

Lab File: VX015963.D

Acq: 28 Apr 2020 15:46

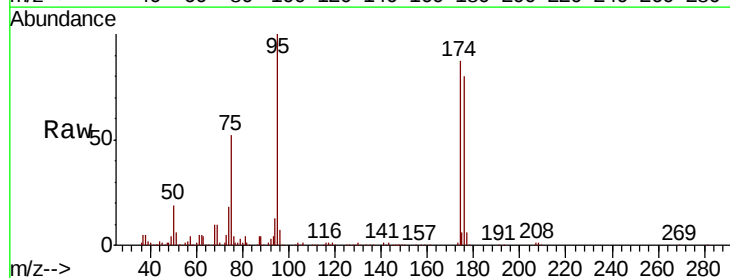
Tgt Ion: 95 Resp: 69675

Ion Ratio Lower Upper

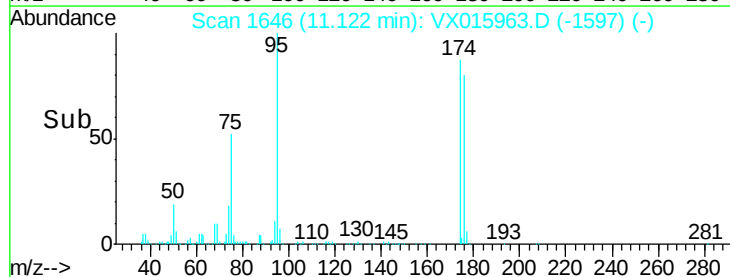
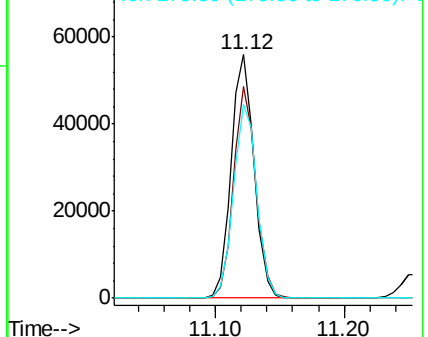
95 100

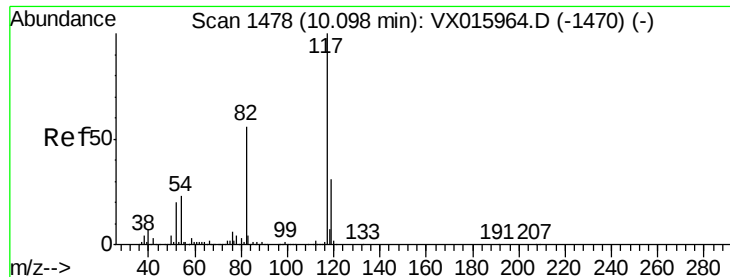
174 84.1 0.0 165.0

176 81.0 0.0 163.2



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

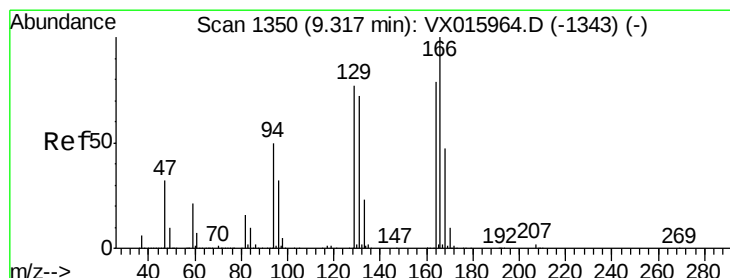
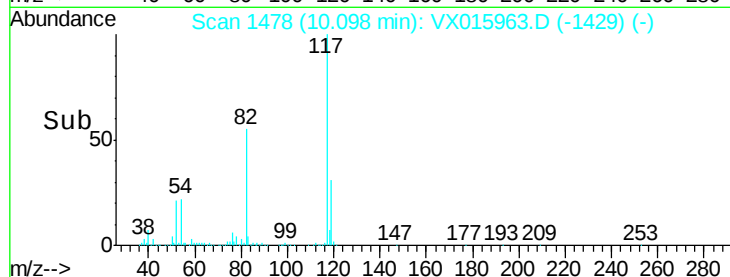
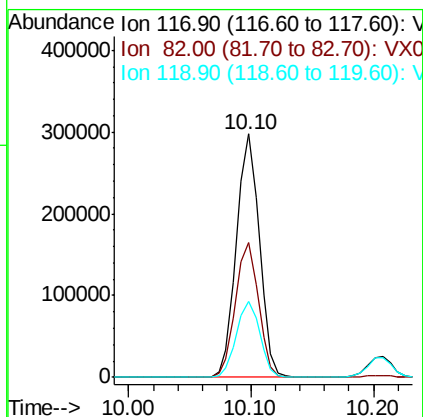
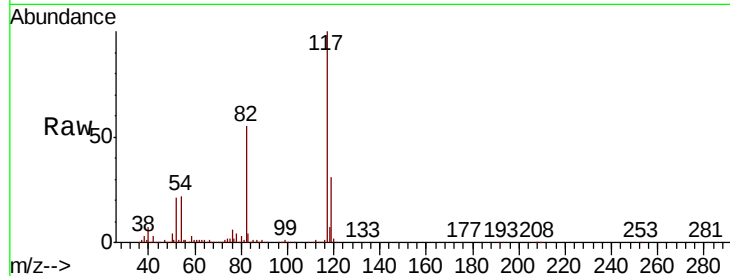




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. 0.00 min
Lab File: VX015963.D
Acq: 28 Apr 2020 15:46

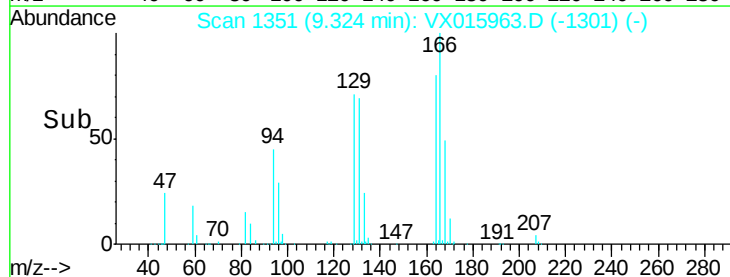
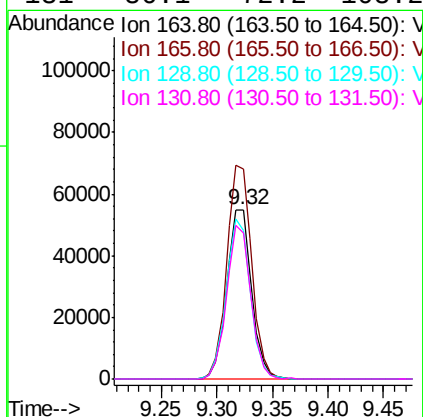
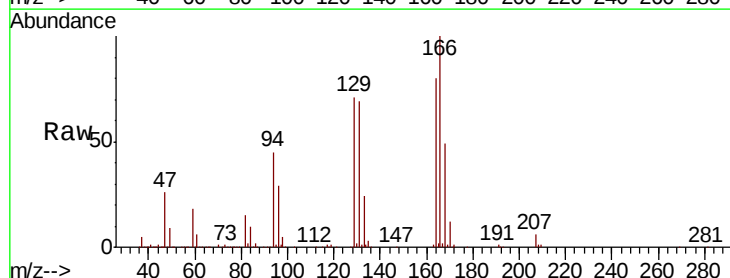
Instrument :
MSVOA_X
ClientSampleId :

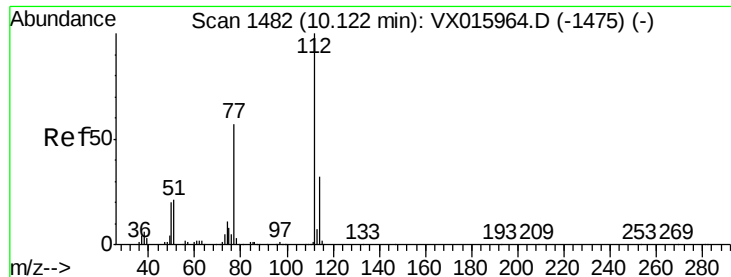
Tot Ion:117 Resp: 386042
Ion Ratio Lower Upper
117 100
82 55.3 44.5 66.7
119 31.4 25.0 37.6



#64
Tetrachloroethene
Concen: 18.427 ug/l
RT: 9.32 min Scan# 1351
Delta R.T. 0.01 min
Lab File: VX015963.D
Acq: 28 Apr 2020 15:46

Tgt Ion:164 Resp: 84387
Ion Ratio Lower Upper
164 100
166 124.4 101.0 151.4
129 87.9 77.4 116.0
131 86.1 72.2 108.2





#65

Chlorobenzene

Concen: 17.767 ug/l

RT: 10.12 min Scan# 1482

Delta R.T. 0.00 min

Lab File: VX015963.D

Acq: 28 Apr 2020 15:46

Instrument :

MSVOA_X

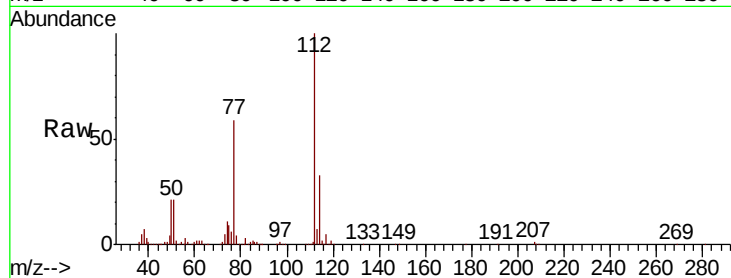
ClientSampleId :

Tot Ion:112 Resp: 139698

Ion Ratio Lower Upper

112 100

114 32.9 25.4 38.0



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V

10.12

120000

100000

80000

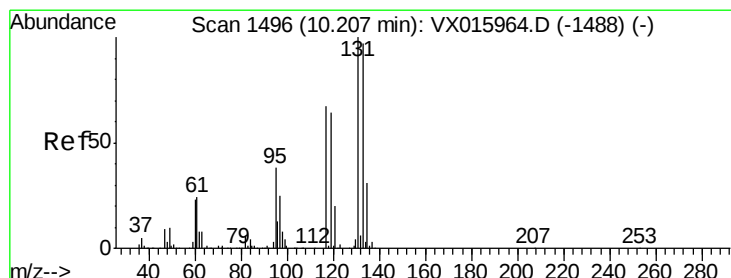
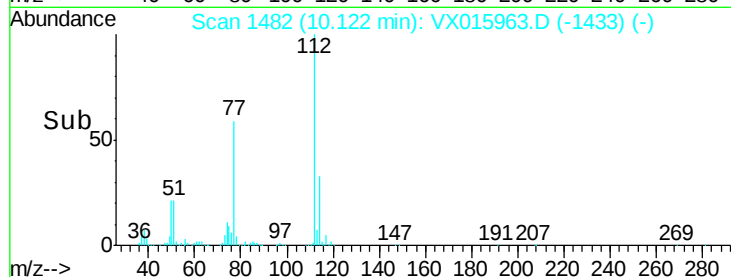
60000

40000

20000

0

Time-->



#66

1,1,1,2-Tetrachloroethane

Concen: 17.979 ug/l

RT: 10.21 min Scan# 1496

Delta R.T. 0.00 min

Lab File: VX015963.D

Acq: 28 Apr 2020 15:46

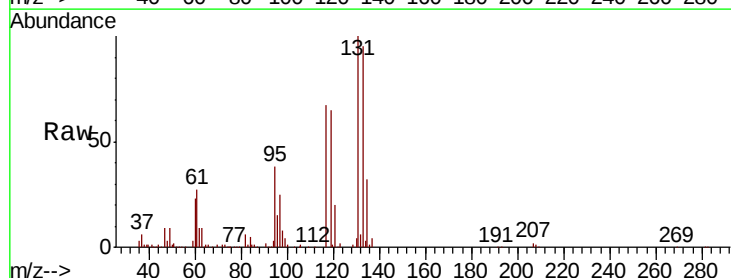
Tgt Ion:131 Resp: 53428

Ion Ratio Lower Upper

131 100

133 95.6 48.3 144.8

119 64.3 31.6 94.8



Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

10.21

50000

40000

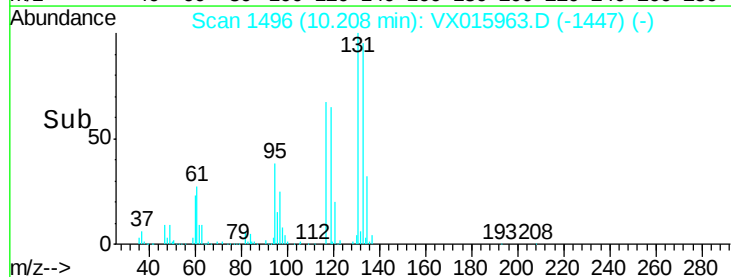
30000

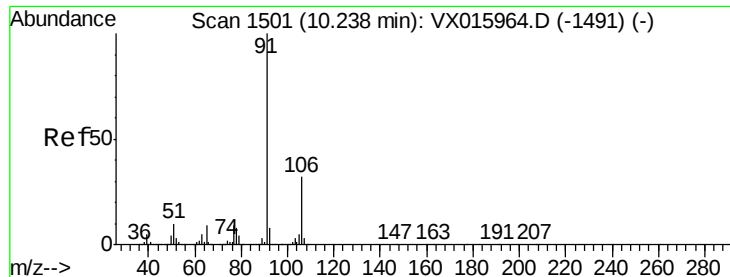
20000

10000

0

Time-->

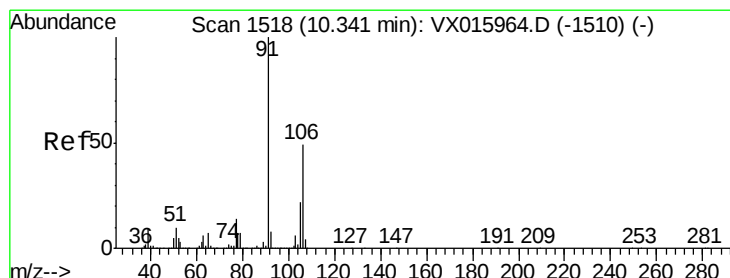
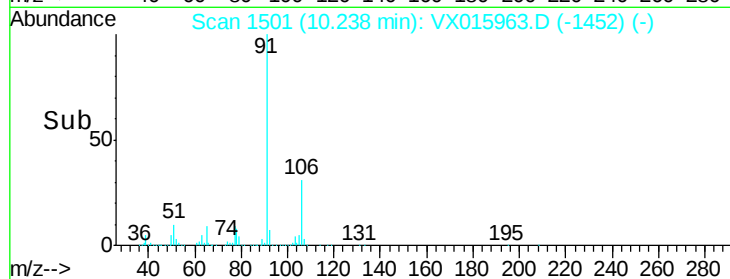
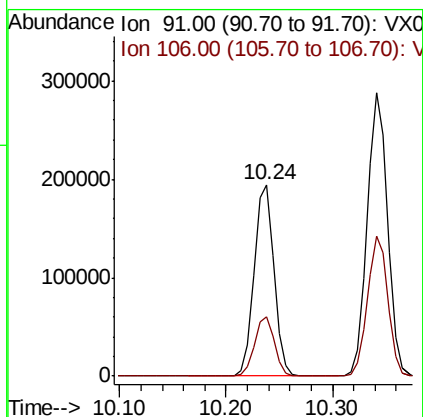
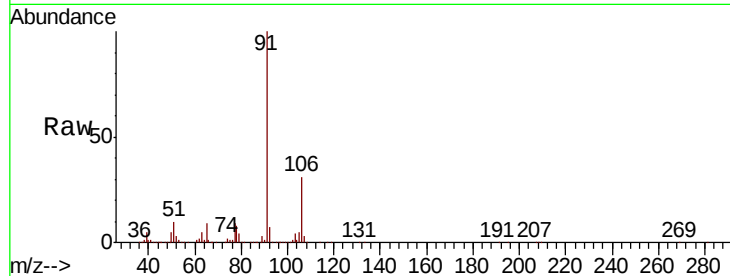




#67
Ethyl Benzene
Concen: 18.231 ug/l
RT: 10.24 min Scan# 1501
Delta R.T. 0.00 min
Lab File: VX015963.D
Acq: 28 Apr 2020 15:46

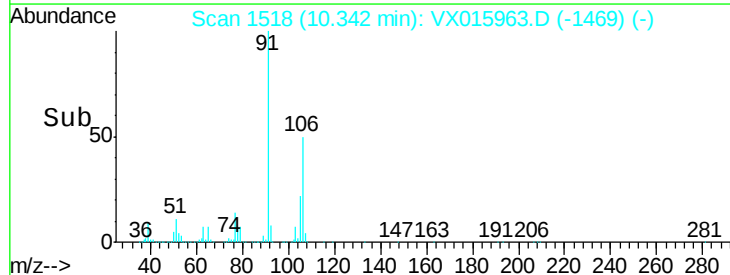
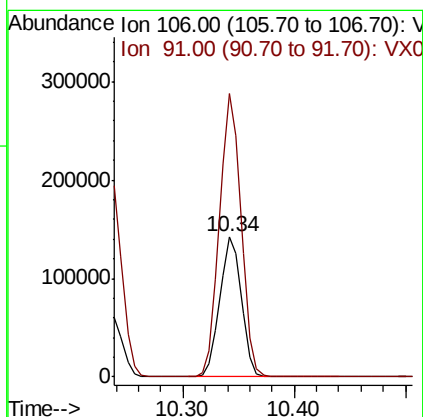
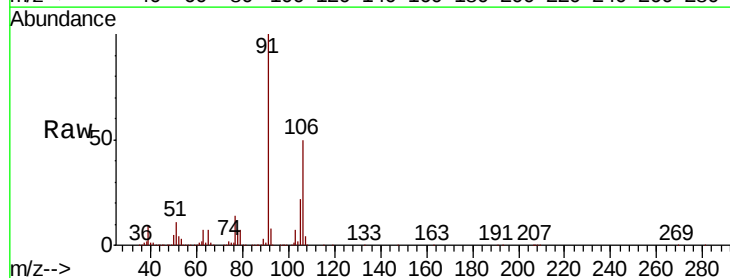
Instrument :
MSVOA_X
ClientSampleId :

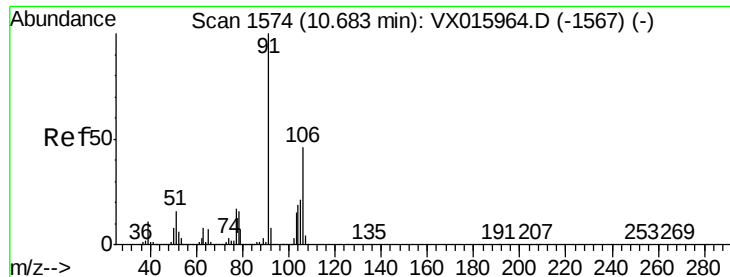
Tot Ion: 91 Resp: 255271
Ion Ratio Lower Upper
91 100
106 31.1 25.3 37.9



#68
m/p-Xylenes
Concen: 36.090 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. 0.00 min
Lab File: VX015963.D
Acq: 28 Apr 2020 15:46

Tgt Ion: 106 Resp: 191755
Ion Ratio Lower Upper
106 100
91 201.5 161.6 242.4

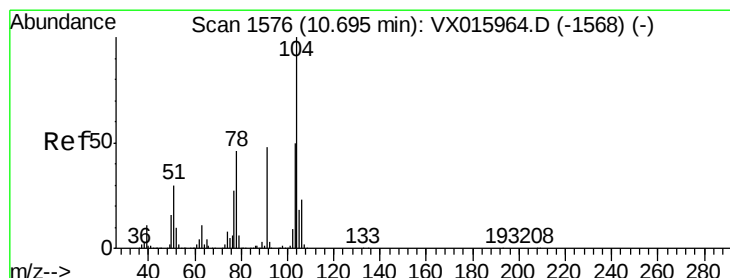
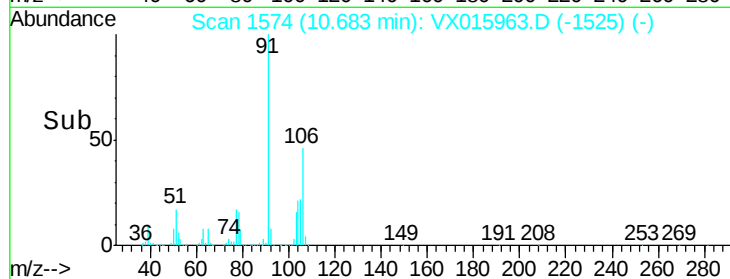
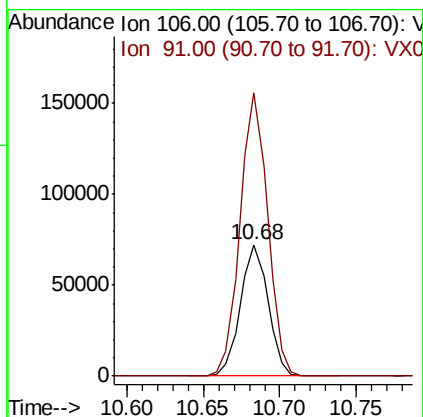
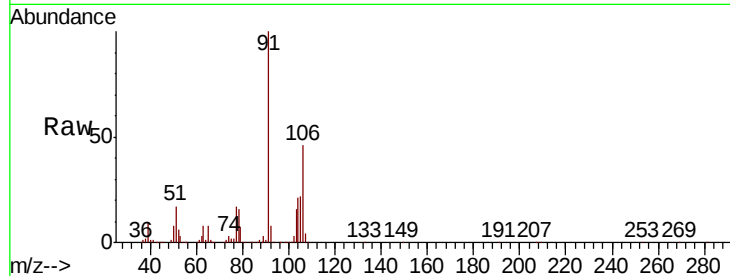




#69
o-Xylene
Concen: 17.952 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. 0.00 min
Lab File: VX015963.D
Acq: 28 Apr 2020 15:46

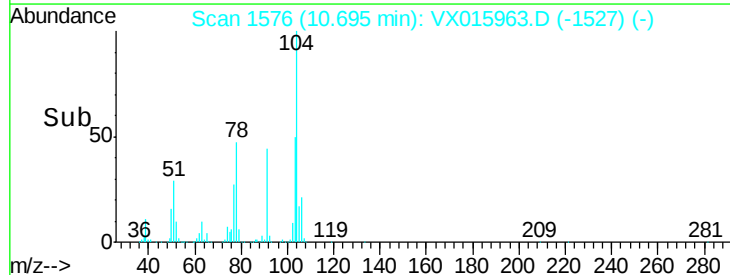
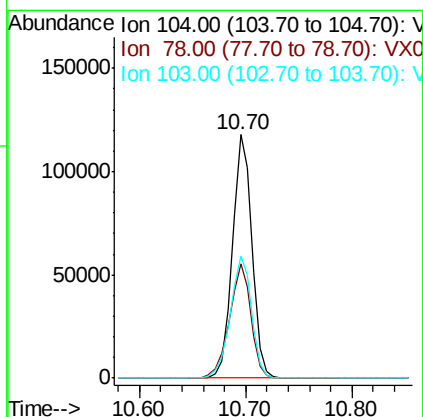
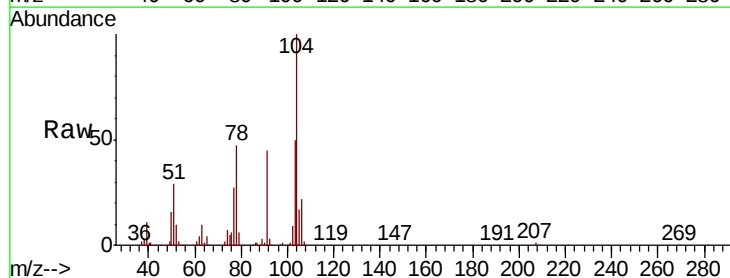
Instrument :
MSVOA_X
ClientSampleId :

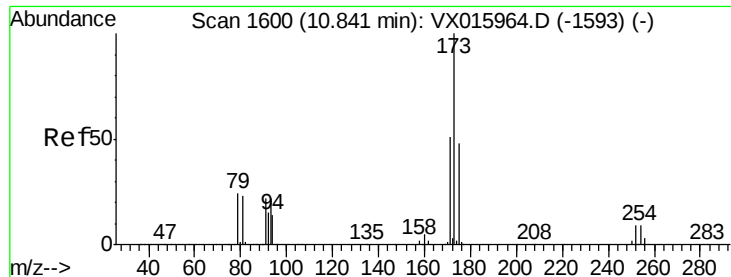
Tot Ion:106 Resp: 90558
Ion Ratio Lower Upper
106 100
91 216.1 106.1 318.3



#70
Styrene
Concen: 17.510 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. 0.00 min
Lab File: VX015963.D
Acq: 28 Apr 2020 15:46

Tgt Ion:104 Resp: 151562
Ion Ratio Lower Upper
104 100
78 51.3 41.0 61.4
103 54.9 43.4 65.2





#71

Bromoform

Concen: 17.367 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. 0.00 min

Lab File: VX015963.D

Acq: 28 Apr 2020 15:46

Instrument :

MSVOA_X

ClientSampleId :

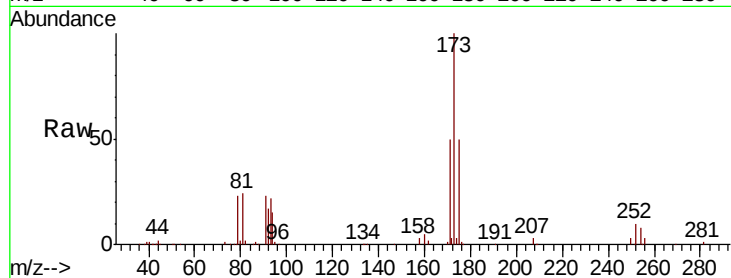
Tot Ion:173 Resp: 41810

Ion Ratio Lower Upper

173 100

175 49.8 24.1 72.4

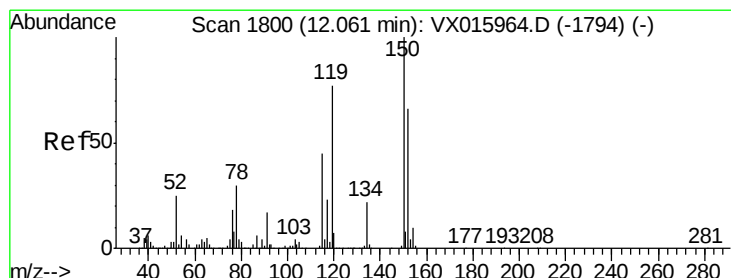
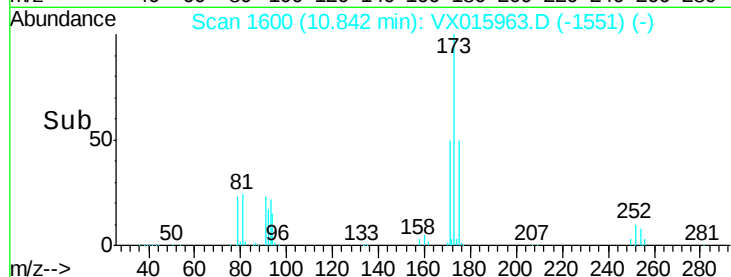
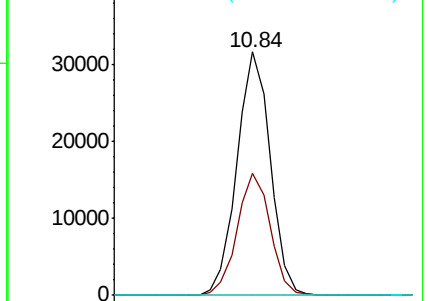
254 0.2 0.1 0.1#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. 0.00 min

Lab File: VX015963.D

Acq: 28 Apr 2020 15:46

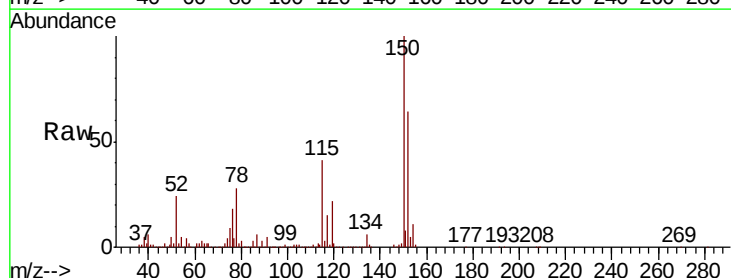
Tgt Ion:152 Resp: 194297

Ion Ratio Lower Upper

152 100

115 66.4 40.9 122.7

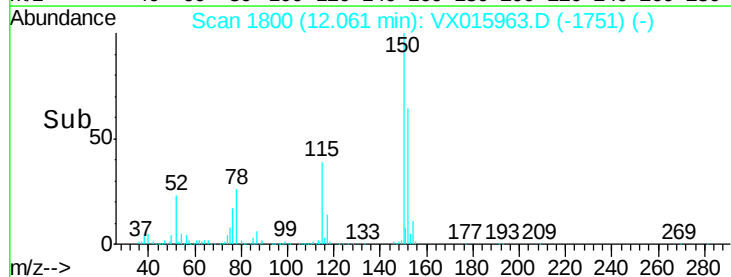
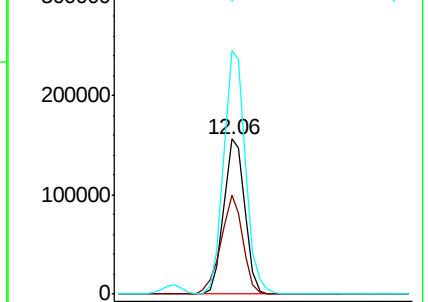
150 162.8 0.0 342.4

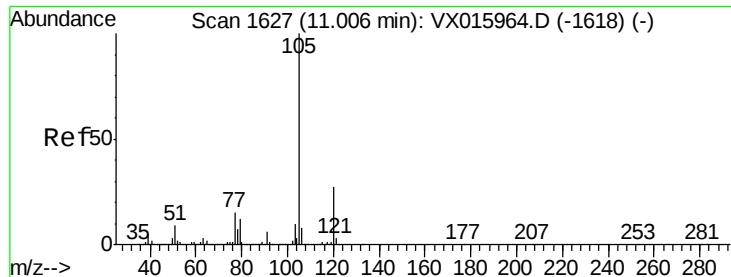


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 18.710 ug/l

RT: 11.01 min Scan# 1627

Delta R.T. 0.00 min

Lab File: VX015963.D

Acq: 28 Apr 2020 15:46

Instrument :

MSVOA_X

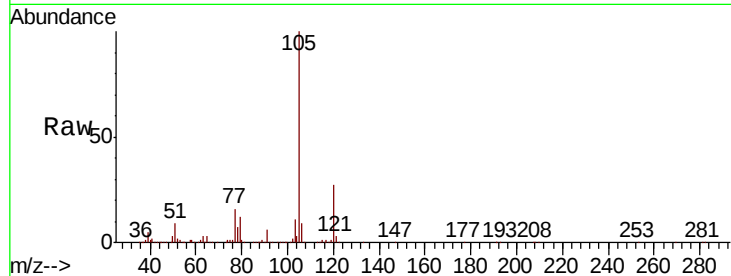
ClientSampleId :

Tot Ion: 105 Resp: 247301

Ion Ratio Lower Upper

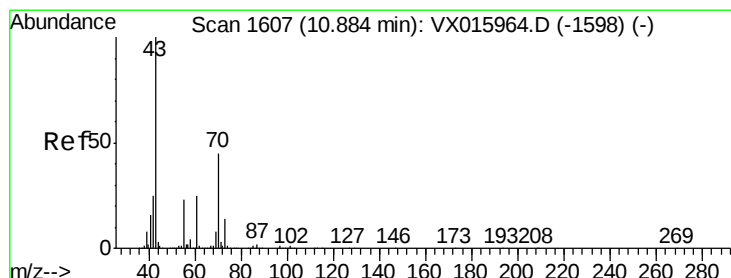
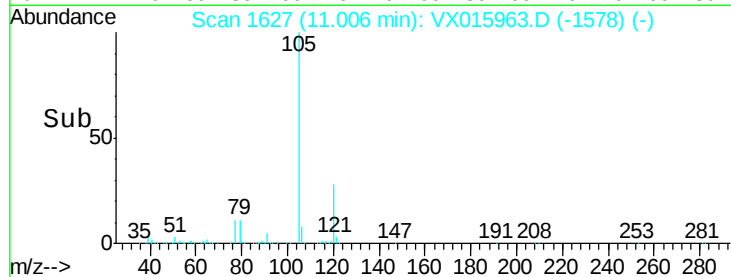
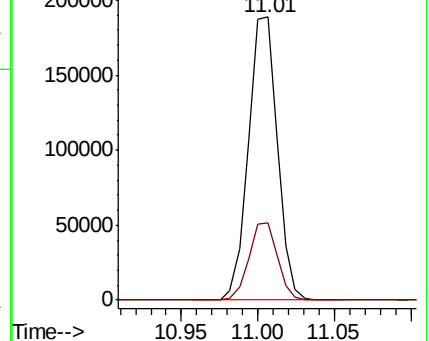
105 100

120 26.8 13.3 39.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 18.729 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. -0.01 min

Lab File: VX015963.D

Acq: 28 Apr 2020 15:46

Tgt Ion: 43 Resp: 119394

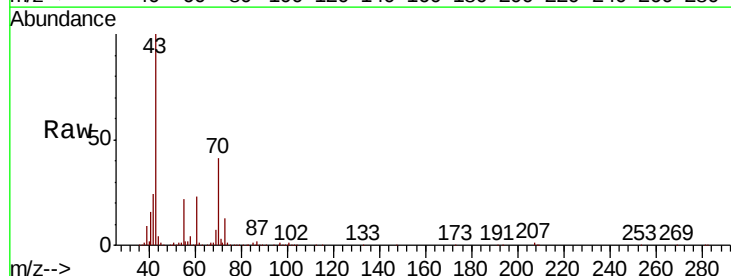
Ion Ratio Lower Upper

43 100

70 42.1 34.5 51.7

55 23.5 18.6 28.0

61 24.2 19.8 29.6

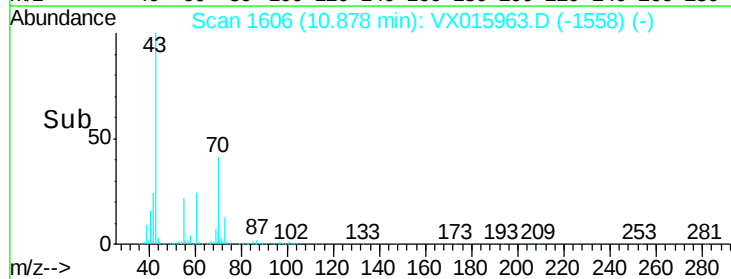
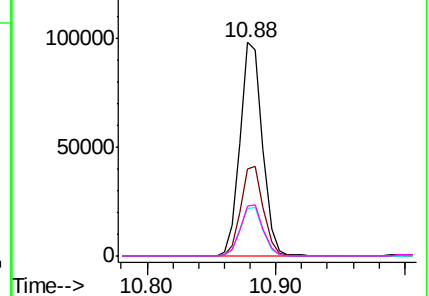


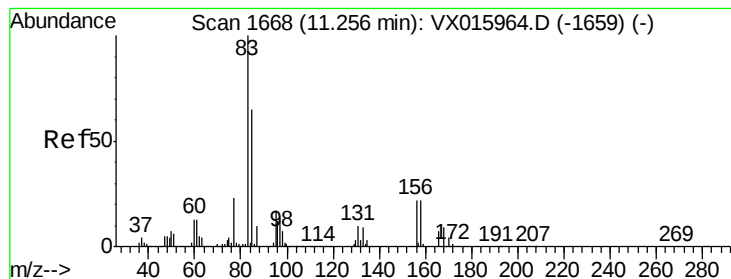
Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 17.080 ug/l

RT: 11.26 min Scan# 1668

Delta R.T. 0.00 min

Lab File: VX015963.D

Acq: 28 Apr 2020 15:46

Instrument :

MSVOA_X

ClientSampleId :

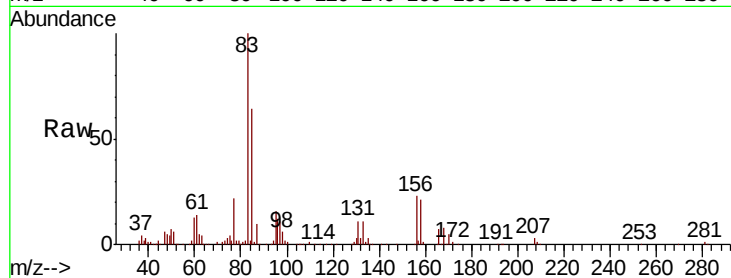
Tot Ion: 83 Resp: 43762

Ion Ratio Lower Upper

83 100

131 11.2 5.1 15.4

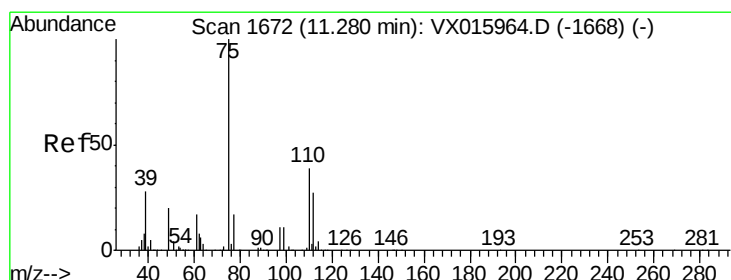
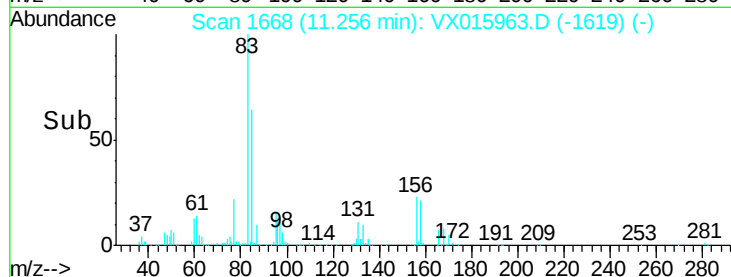
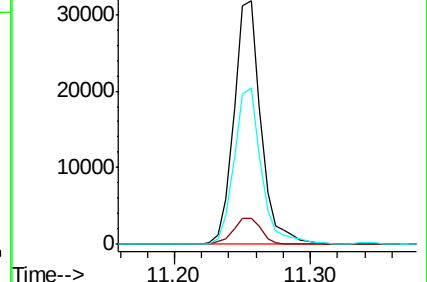
85 64.9 32.2 96.6



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: 20.078 ug/l

RT: 11.28 min Scan# 1672

Delta R.T. 0.00 min

Lab File: VX015963.D

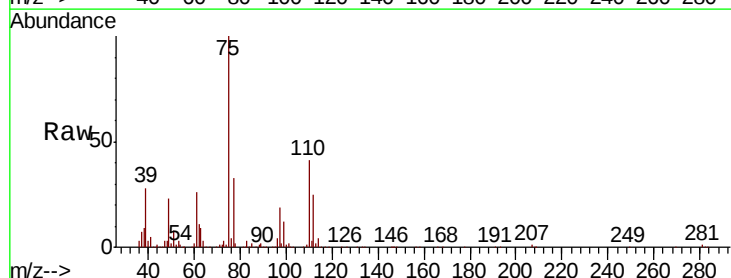
Acq: 28 Apr 2020 15:46

Tgt Ion: 75 Resp: 102163

Ion Ratio Lower Upper

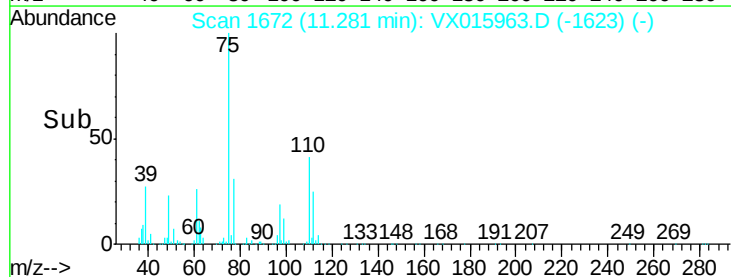
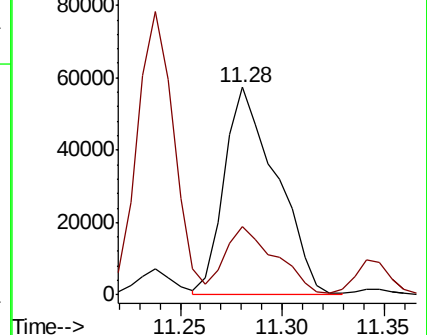
75 100

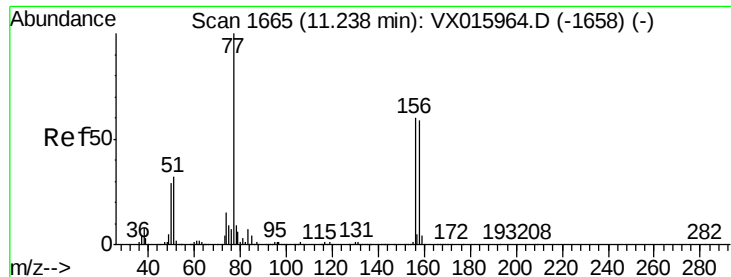
77 31.8 21.6 65.0



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 18.317 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. 0.00 min

Lab File: VX015963.D

Acq: 28 Apr 2020 15:46

Instrument :

MSVOA_X

ClientSampleId :

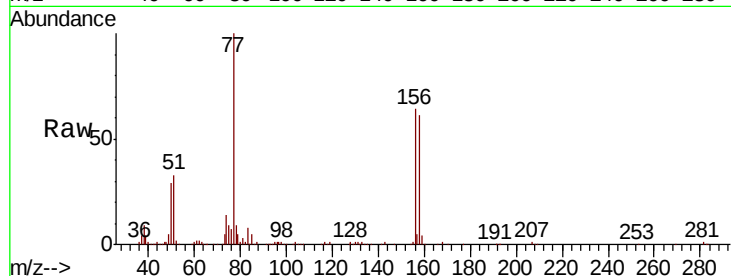
Tot Ion:156 Resp: 62320

Ion Ratio Lower Upper

156 100

77 156.8 78.3 234.8

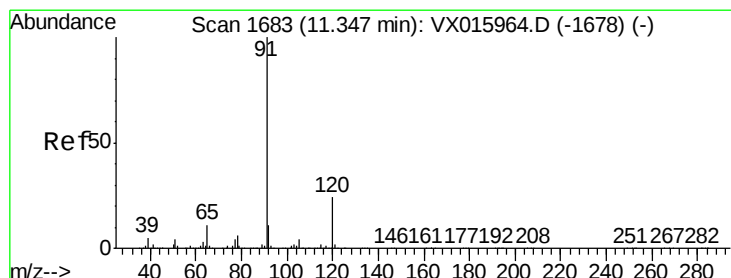
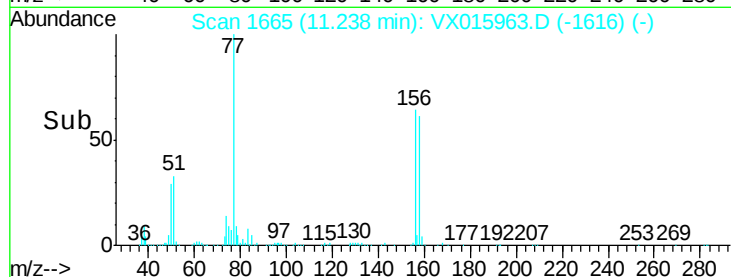
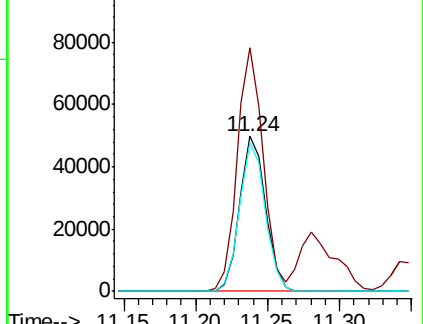
158 95.4 48.5 145.5



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: 18.430 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. -0.01 min

Lab File: VX015963.D

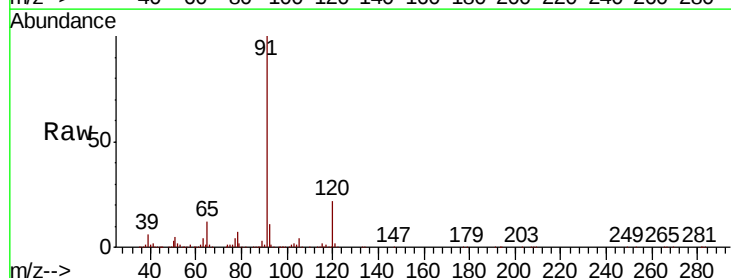
Acq: 28 Apr 2020 15:46

Tgt Ion: 91 Resp: 280232

Ion Ratio Lower Upper

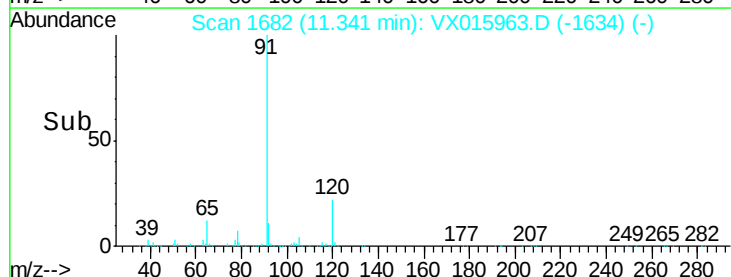
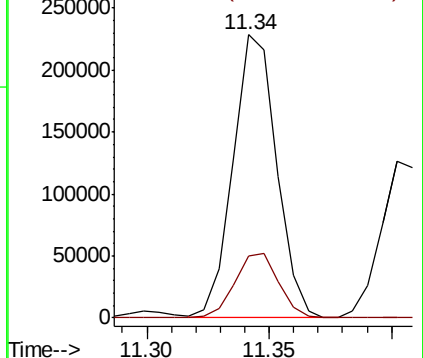
91 100

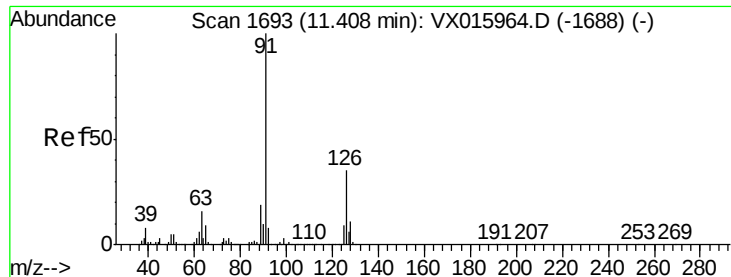
120 23.2 11.8 35.3



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 18.143 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. -0.01 min

Lab File: VX015963.D

Acq: 28 Apr 2020 15:46

Instrument :

MSVOA_X

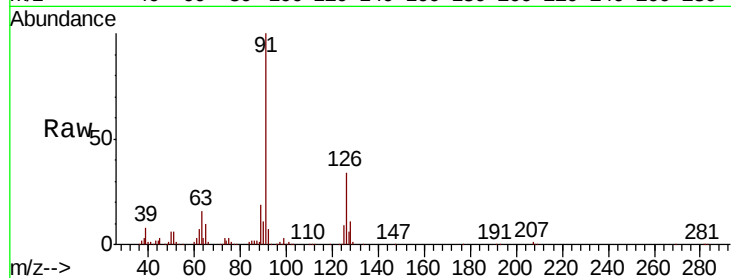
ClientSampleId :

Tot Ion: 91 Resp: 164360

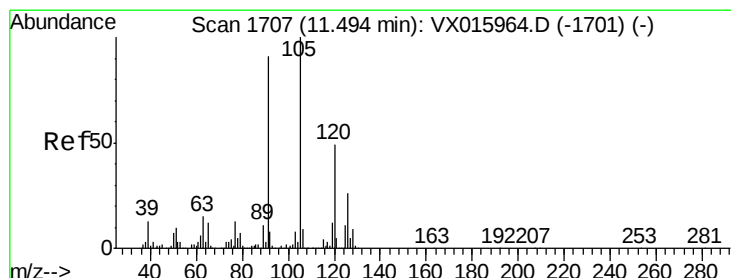
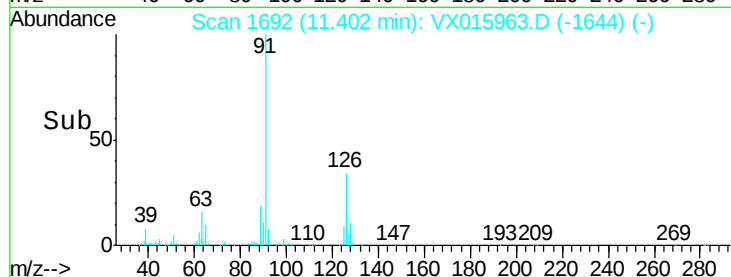
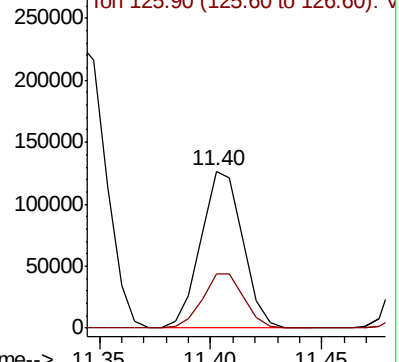
Ion Ratio Lower Upper

91 100

126 34.8 17.0 51.0



Abundance Ion 91.00 (90.70 to 91.70): VX015963.D (-1644) (-)



#80

1,3,5-Trimethylbenzene

Concen: 18.334 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. 0.00 min

Lab File: VX015963.D

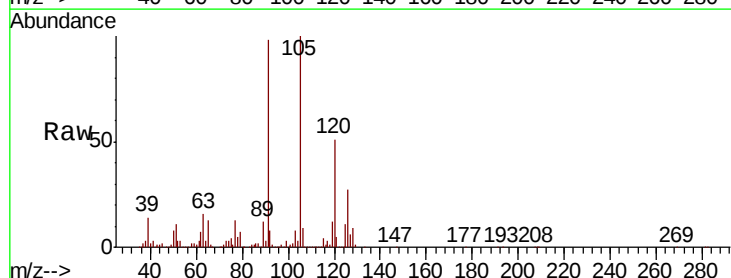
Acq: 28 Apr 2020 15:46

Tgt Ion: 105 Resp: 204129

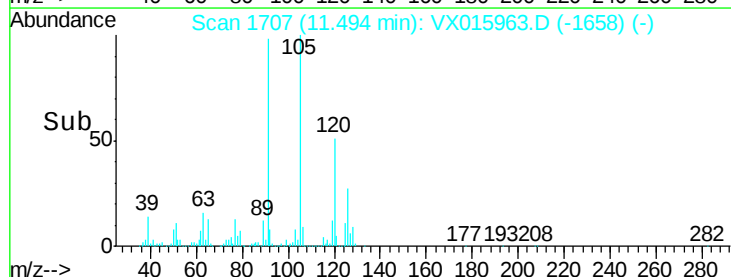
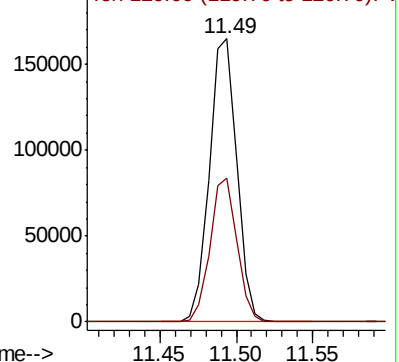
Ion Ratio Lower Upper

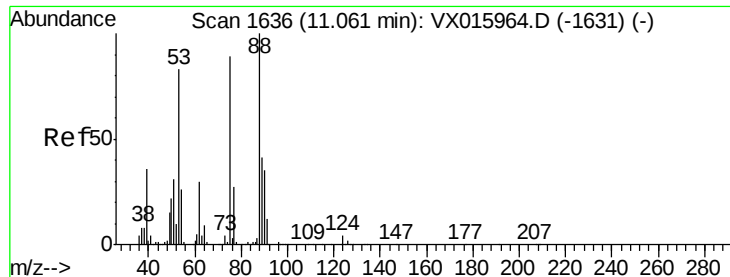
105 100

120 49.6 24.6 73.6



Abundance Ion 105.00 (104.70 to 105.70): VX015963.D (-1658) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 18.031 ug/l

RT: 11.06 min Scan# 1636

Delta R.T. 0.00 min

Lab File: VX015963.D

Acq: 28 Apr 2020 15:46

Instrument :

MSVOA_X

ClientSampleId :

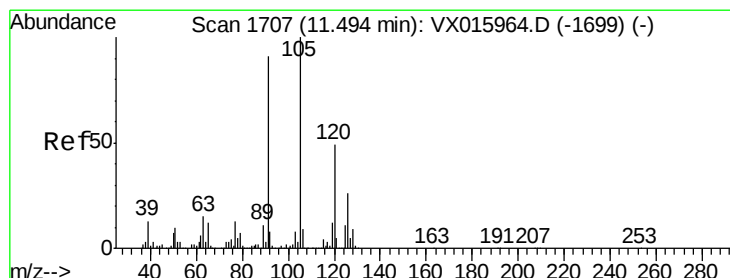
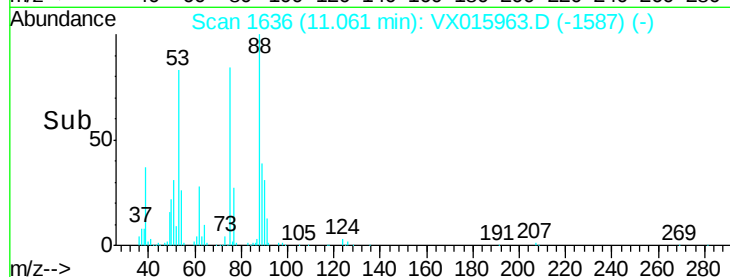
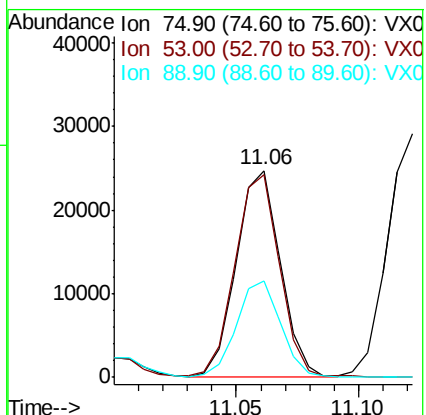
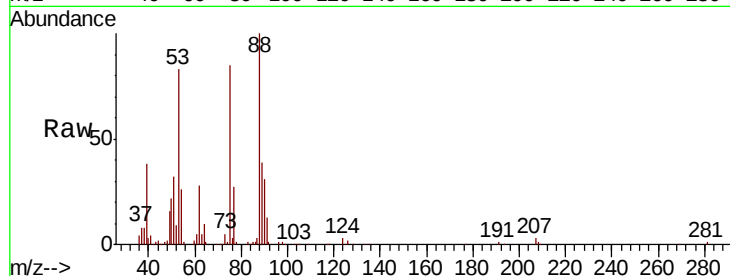
Tot Ion: 75 Resp: 31107

Ion Ratio Lower Upper

75 100

53 98.3 78.3 117.5

89 47.0 37.2 55.8



#82

4-Chlorotoluene

Concen: 18.175 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. 0.00 min

Lab File: VX015963.D

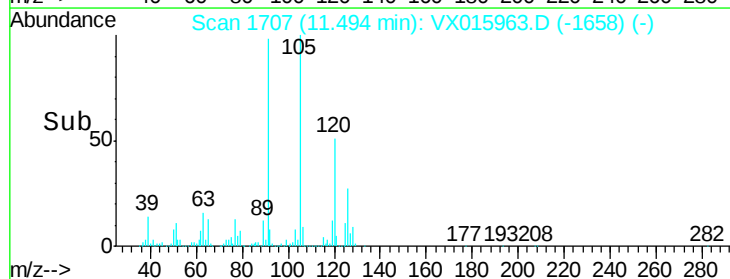
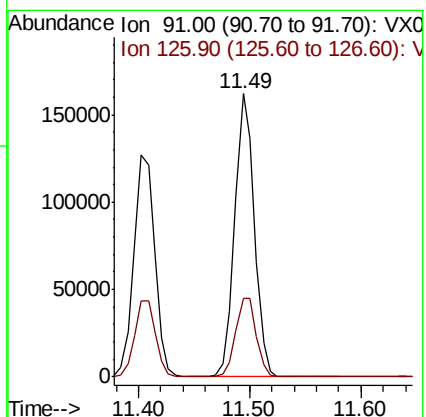
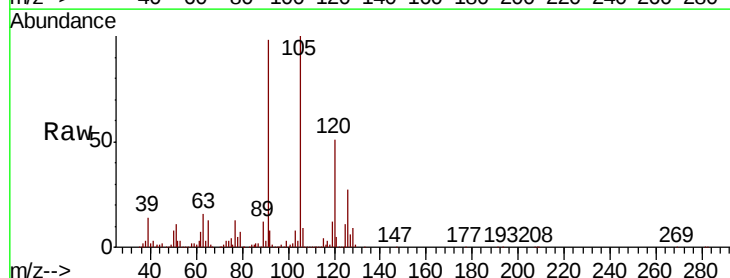
Acq: 28 Apr 2020 15:46

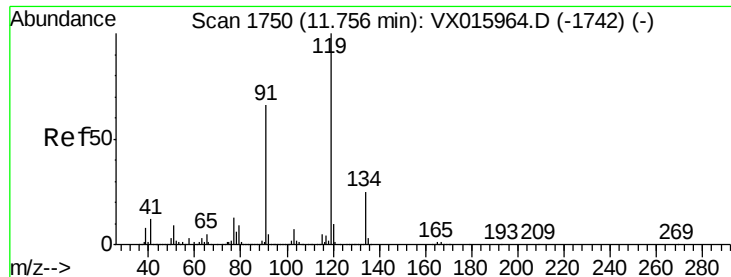
Tgt Ion: 91 Resp: 196932

Ion Ratio Lower Upper

91 100

126 29.5 14.8 44.3





#83

tert-Butylbenzene

Concen: 18.436 ug/l

RT: 11.76 min Scan# 1750

Delta R.T. 0.00 min

Lab File: VX015963.D

Acq: 28 Apr 2020 15:46

Instrument :

MSVOA_X

ClientSampleId :

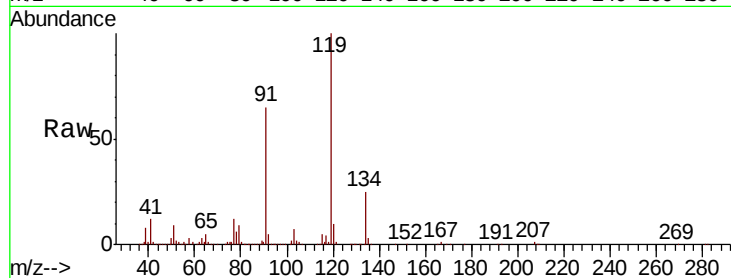
Tot Ion:119 Resp: 176989

Ion Ratio Lower Upper

119 100

91 65.6 33.5 100.4

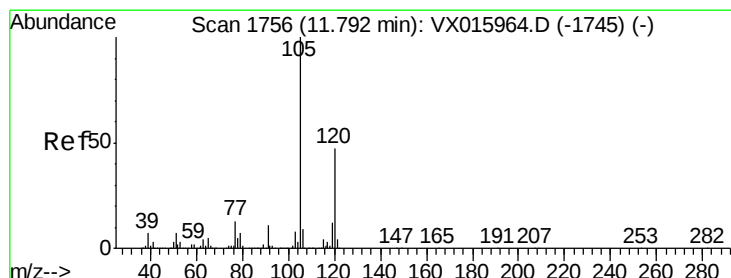
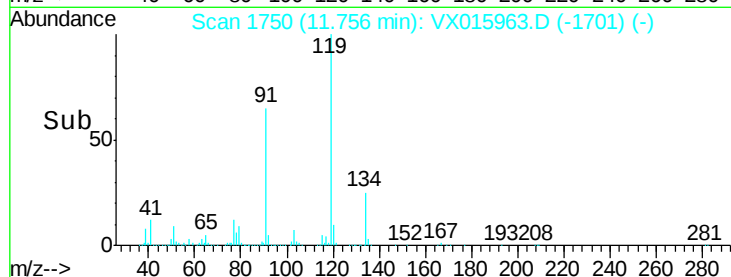
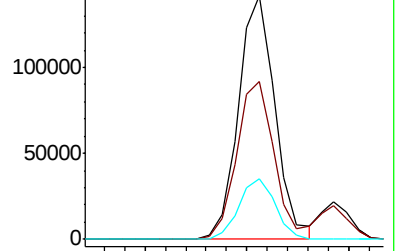
134 24.8 12.4 37.2



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VX0

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 18.540 ug/l

RT: 11.79 min Scan# 1756

Delta R.T. 0.00 min

Lab File: VX015963.D

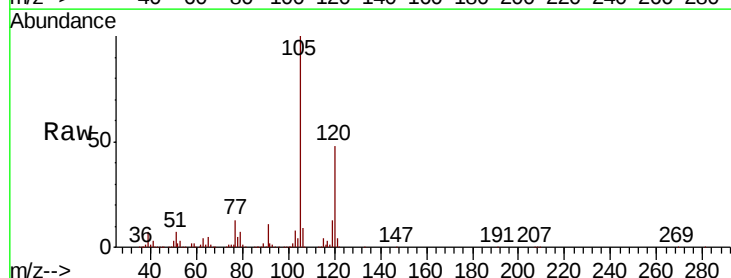
Acq: 28 Apr 2020 15:46

Tgt Ion:105 Resp: 207754

Ion Ratio Lower Upper

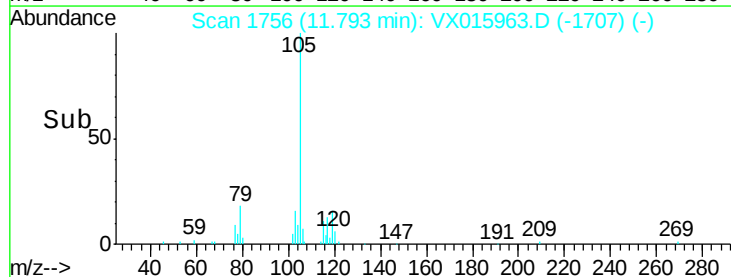
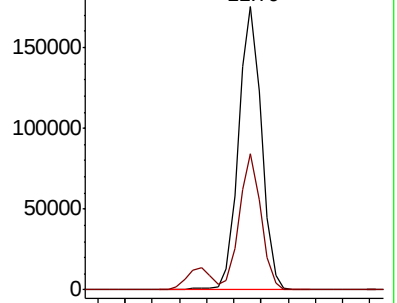
105 100

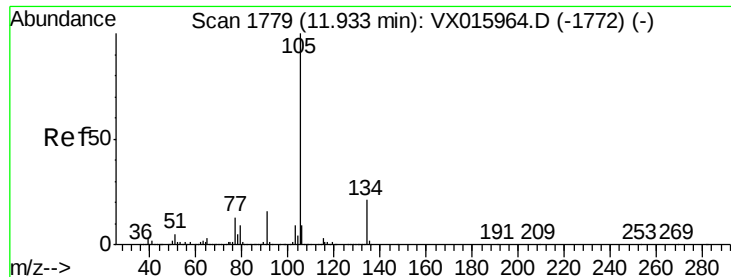
120 45.7 22.9 68.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

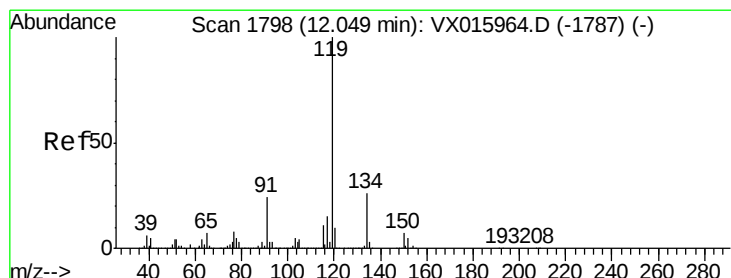
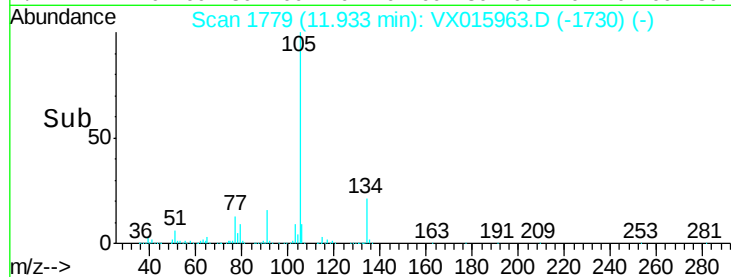
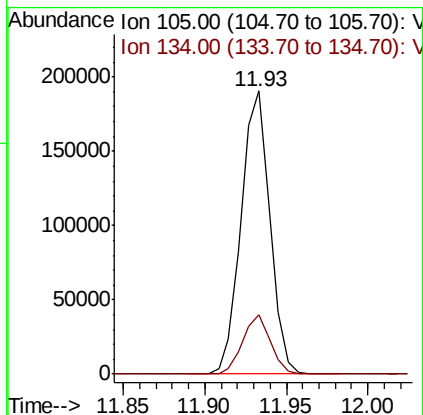
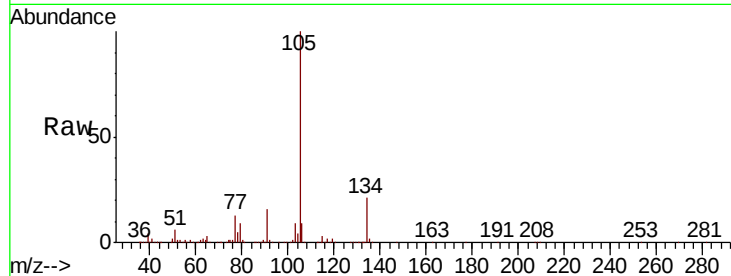




#85
 sec-Butylbenzene
 Concen: 18.177 ug/l
 RT: 11.93 min Scan# 1779
 Delta R.T. 0.00 min
 Lab File: VX015963.D
 Acq: 28 Apr 2020 15:46

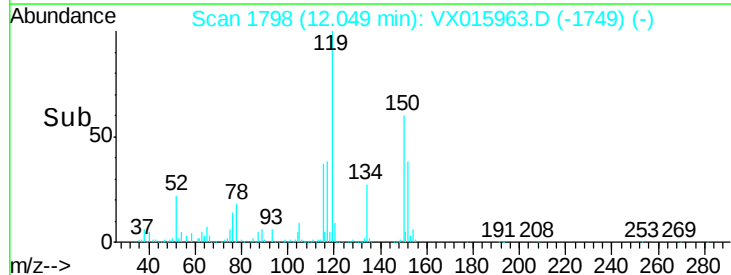
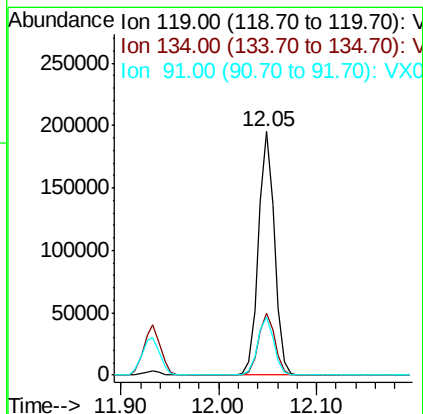
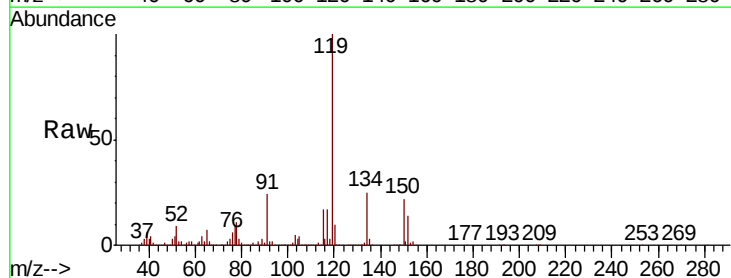
Instrument :
 MSVOA_X
 ClientSampleId :

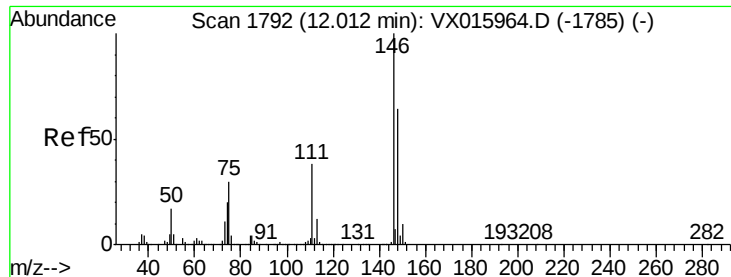
Tot Ion:105 Resp: 235112
 Ion Ratio Lower Upper
 105 100
 134 20.4 10.4 31.1



#86
 p-Isopropyltoluene
 Concen: 18.237 ug/l
 RT: 12.05 min Scan# 1798
 Delta R.T. 0.00 min
 Lab File: VX015963.D
 Acq: 28 Apr 2020 15:46

Tgt Ion:119 Resp: 220952
 Ion Ratio Lower Upper
 119 100
 134 26.1 13.0 39.0
 91 24.0 11.9 35.9

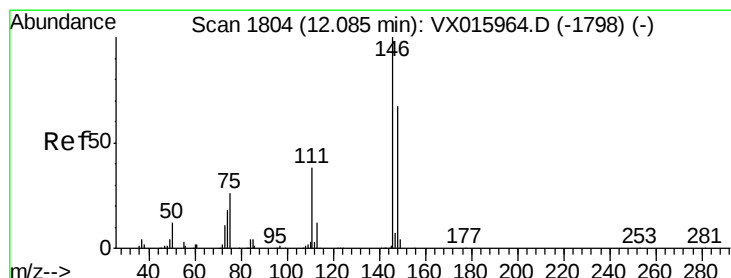
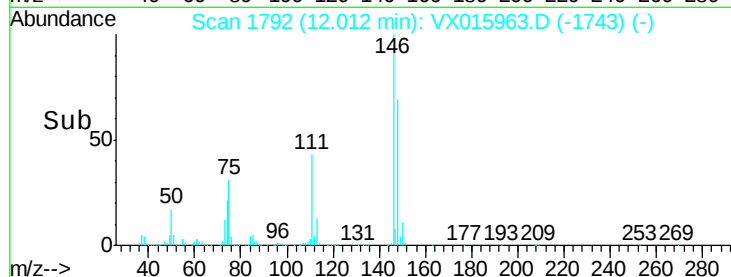
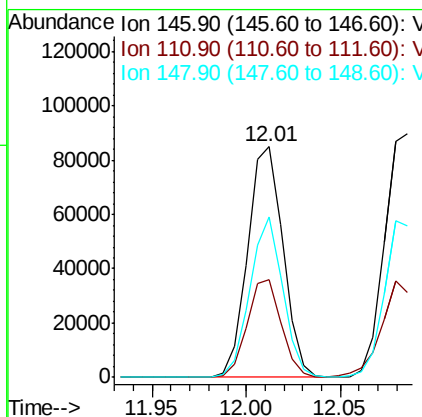
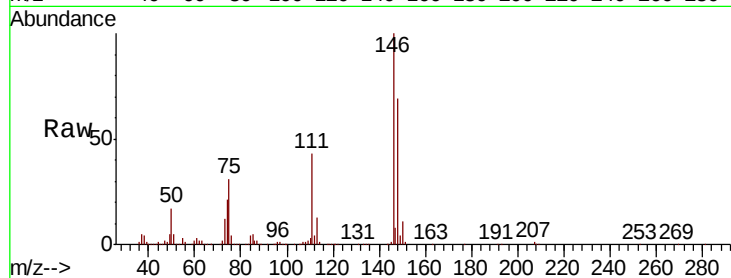




#87
 1,3-Dichlorobenzene
 Concen: 17.795 ug/l
 RT: 12.01 min Scan# 1792
 Delta R.T. 0.00 min
 Lab File: VX015963.D
 Acq: 28 Apr 2020 15:46

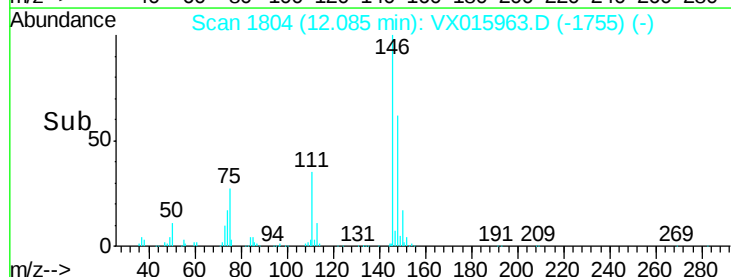
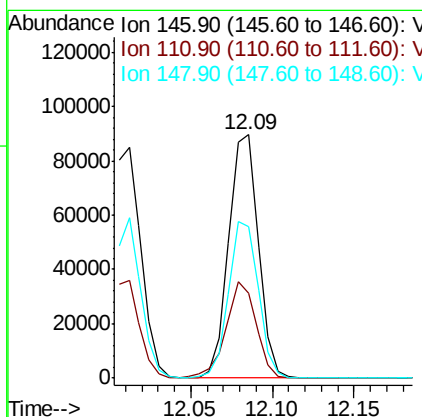
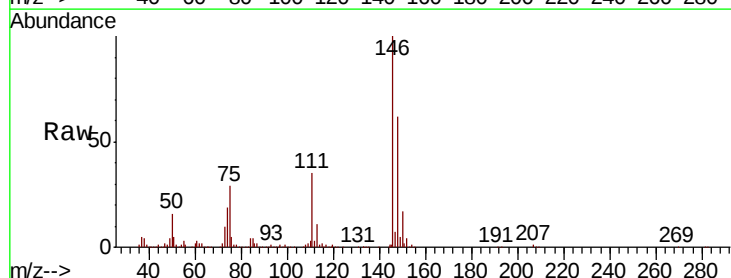
Instrument :
 MSVOA_X
 ClientSampled :

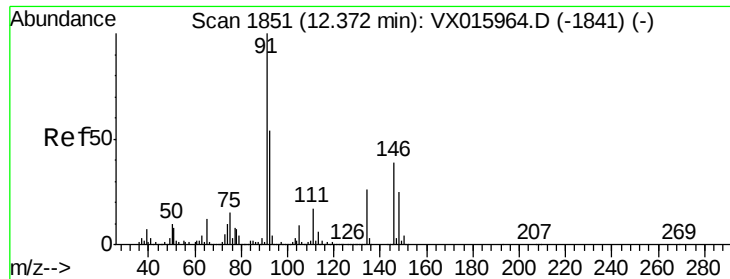
Tot Ion	Ratio	Lower	Upper
146	100		
111	41.0	19.6	58.8
148	64.8	32.0	96.0



#88
 1,4-Dichlorobenzene
 Concen: 18.100 ug/l
 RT: 12.09 min Scan# 1804
 Delta R.T. 0.00 min
 Lab File: VX015963.D
 Acq: 28 Apr 2020 15:46

Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.2	19.7	59.0
148	64.4	32.8	98.4

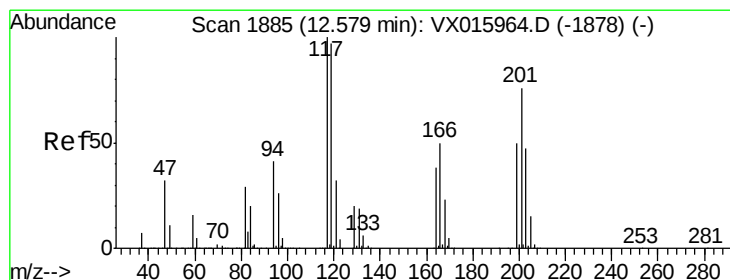
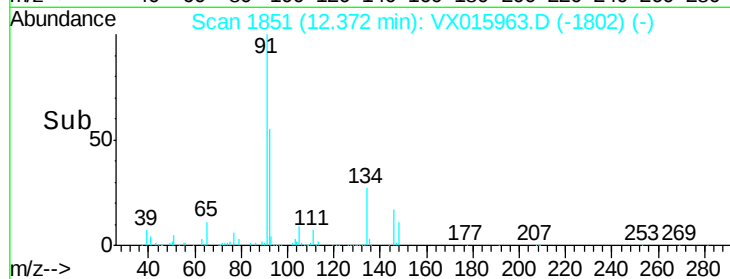
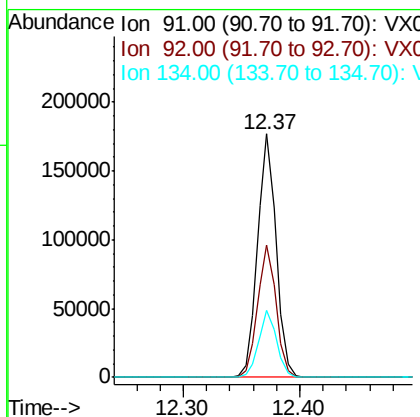
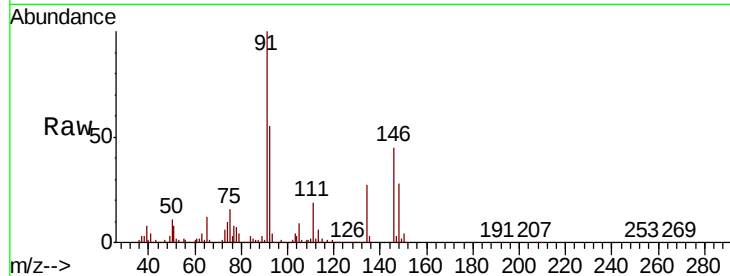




#89
n-Butylbenzene
Concen: 17.969 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. 0.00 min
Lab File: VX015963.D
Acq: 28 Apr 2020 15:46

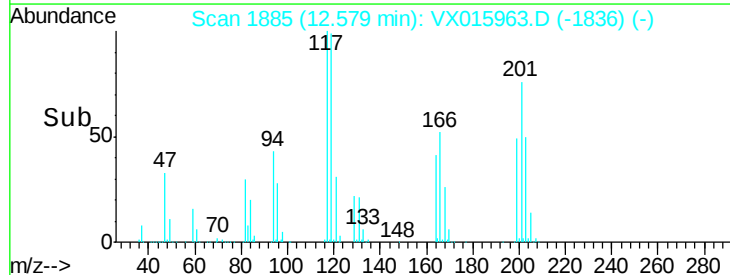
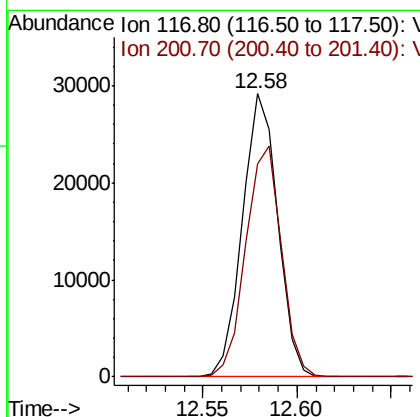
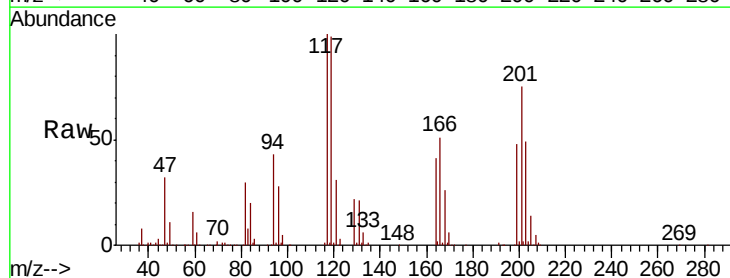
Instrument :
MSVOA_X
ClientSampleId :

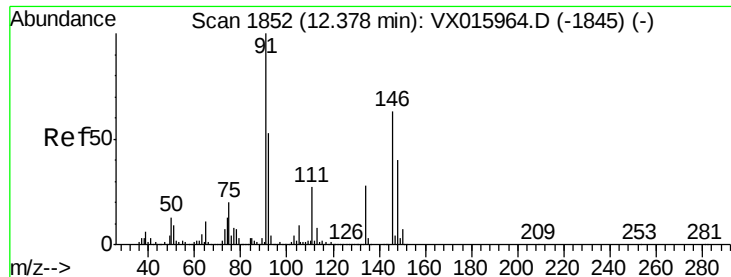
Tot Ion: 91 Resp: 196703
Ion Ratio Lower Upper
91 100
92 54.2 27.1 81.3
134 26.7 13.3 39.8



#90
Hexachloroethane
Concen: 17.701 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. 0.00 min
Lab File: VX015963.D
Acq: 28 Apr 2020 15:46

Tgt Ion: 117 Resp: 37892
Ion Ratio Lower Upper
117 100
201 82.4 40.3 120.8





#91

1,2-Dichlorobenzene

Concen: 18.514 ug/l

RT: 12.38 min Scan# 1852

Delta R.T. 0.00 min

Lab File: VX015963.D

Acq: 28 Apr 2020 15:46

Instrument :

MSVOA_X

ClientSampleId :

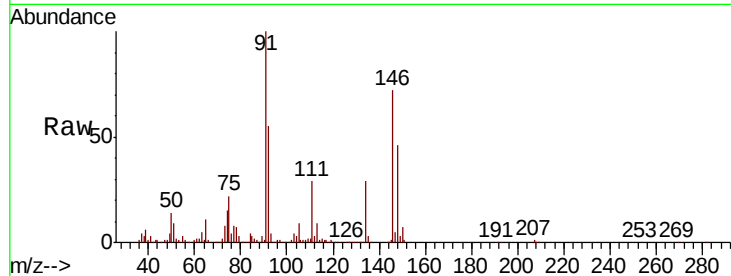
Tot Ion:146 Resp: 109845

Ion Ratio Lower Upper

146 100

111 40.4 21.1 63.3

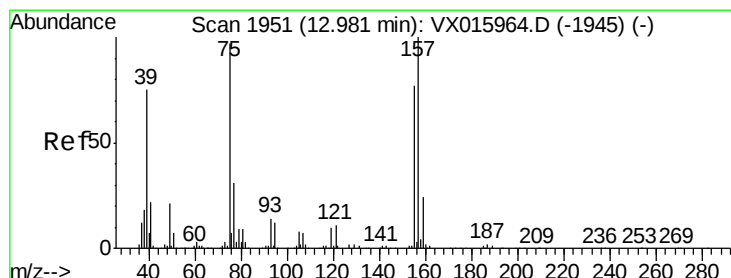
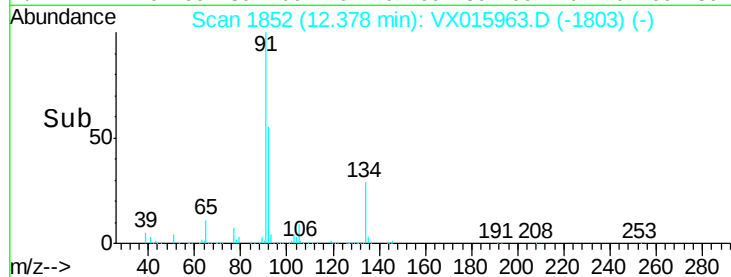
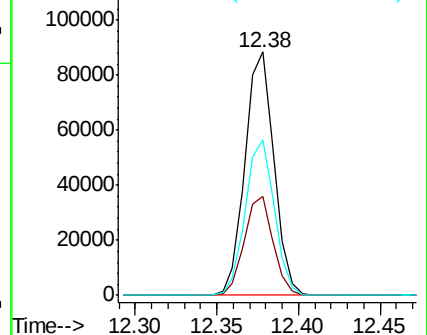
148 64.1 32.3 96.9



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 17.785 ug/l

RT: 12.98 min Scan# 1951

Delta R.T. 0.00 min

Lab File: VX015963.D

Acq: 28 Apr 2020 15:46

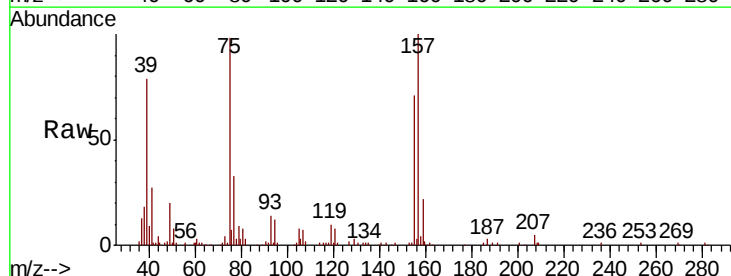
Tgt Ion: 75 Resp: 19408

Ion Ratio Lower Upper

75 100

155 80.7 42.5 127.6

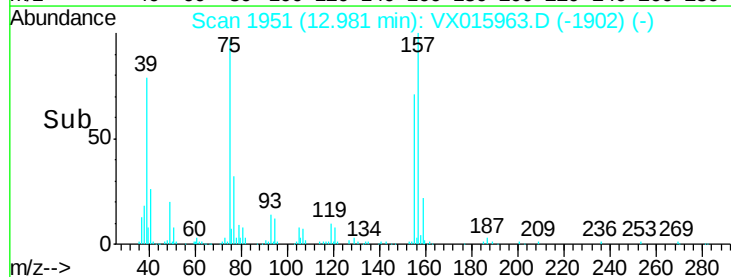
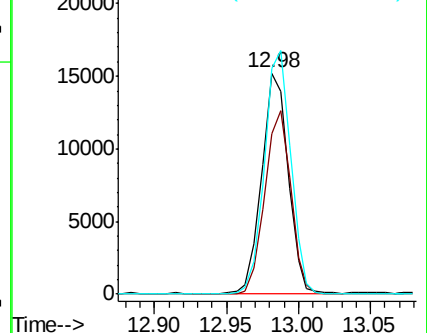
157 108.6 56.0 168.2

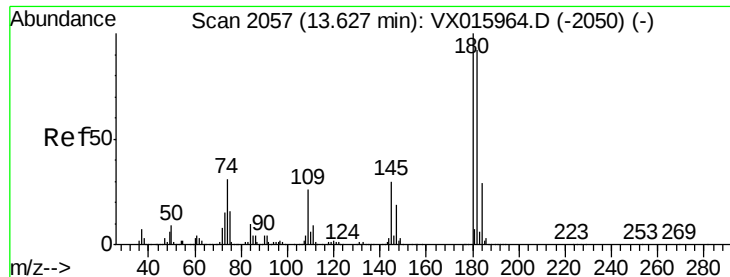


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

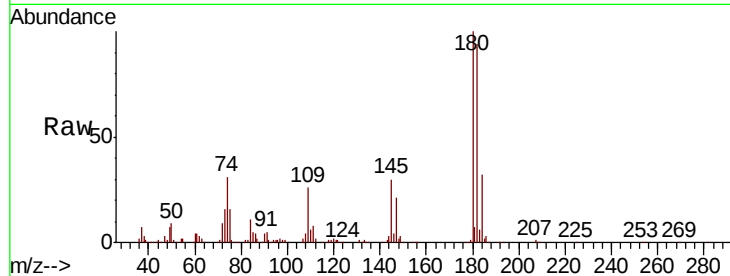




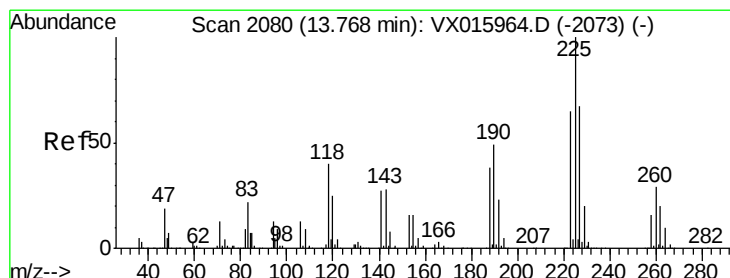
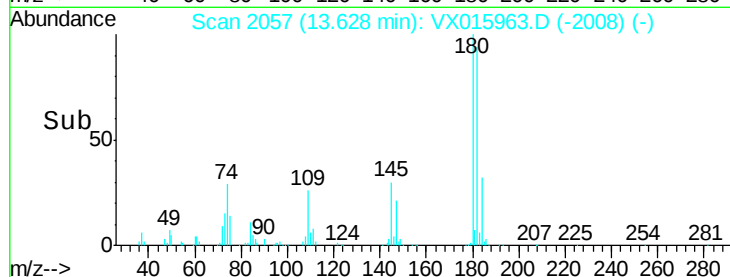
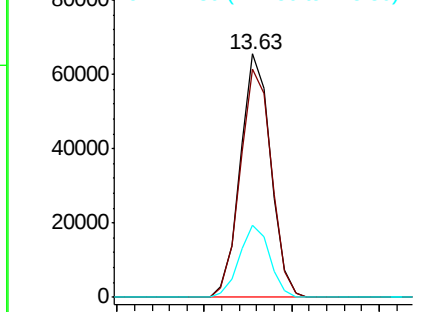
#93
 1,2,4-Trichlorobenzene
 Concen: 17.718 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. 0.00 min
 Lab File: VX015963.D
 Acq: 28 Apr 2020 15:46

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion:180 Resp: 78900
 Ion Ratio Lower Upper
 180 100
 182 96.5 46.9 140.6
 145 29.9 14.7 44.1

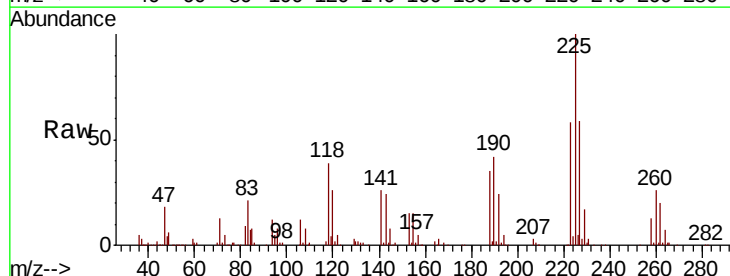


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

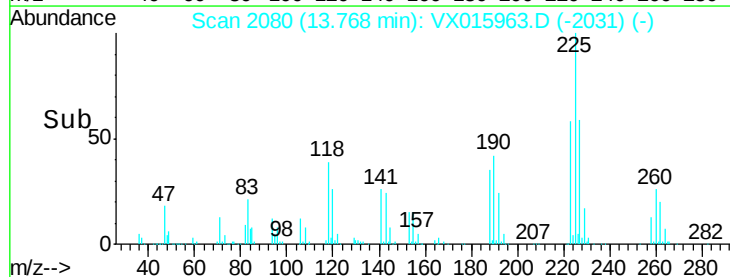
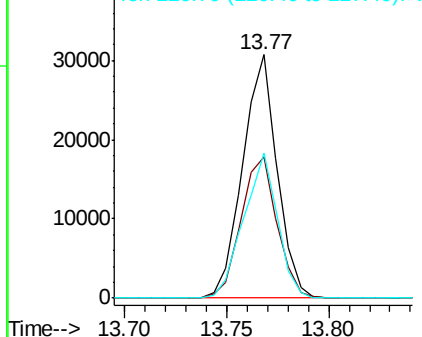


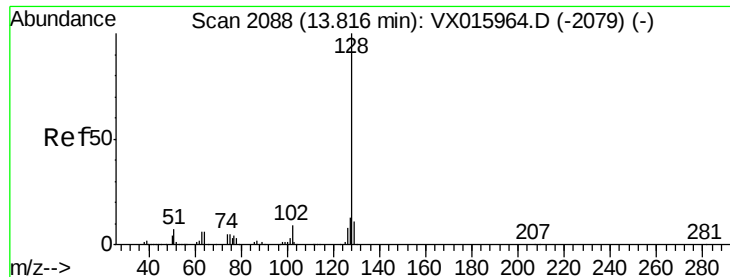
#94
 Hexachlorobutadiene
 Concen: 18.121 ug/l
 RT: 13.77 min Scan# 2080
 Delta R.T. 0.00 min
 Lab File: VX015963.D
 Acq: 28 Apr 2020 15:46

Tgt Ion:225 Resp: 36054
 Ion Ratio Lower Upper
 225 100
 223 60.4 32.0 96.0
 227 58.4 33.0 99.0



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





#95

Naphthalene

Concen: 18.584 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. 0.00 min

Lab File: VX015963.D

Acq: 28 Apr 2020 15:46

Instrument :

MSVOA_X

ClientSampleId :

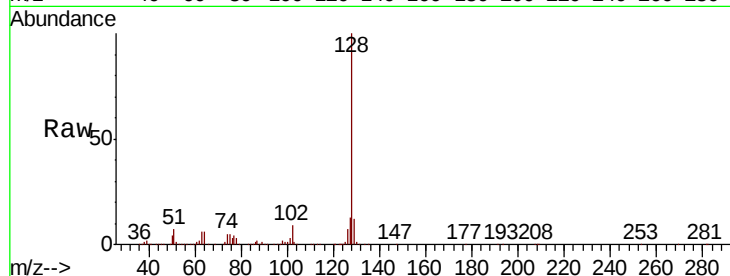
Tot Ion:128 Resp: 261010

Ion Ratio Lower Upper

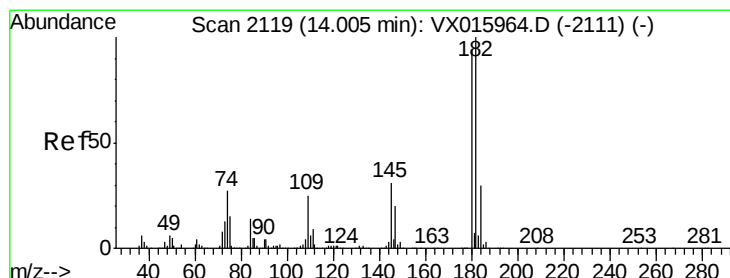
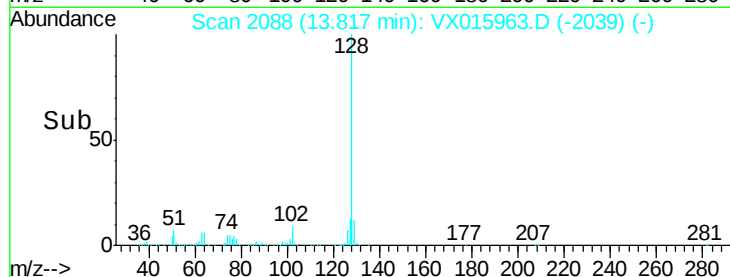
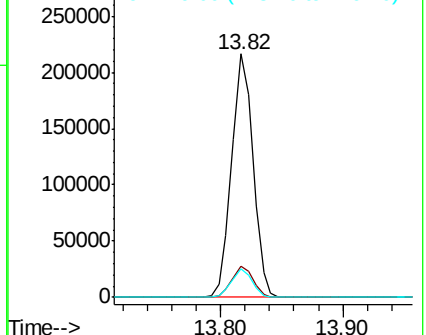
128 100

127 13.0 10.4 15.6

129 11.2 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 18.265 ug/l

RT: 14.01 min Scan# 2119

Delta R.T. 0.00 min

Lab File: VX015963.D

Acq: 28 Apr 2020 15:46

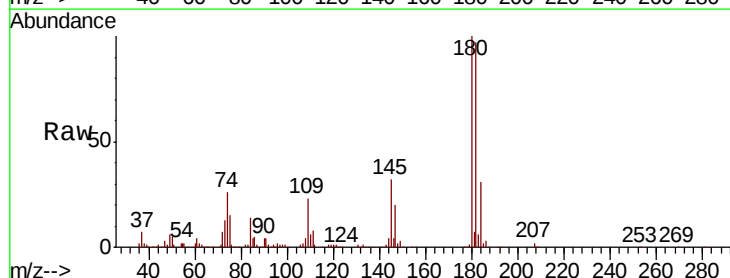
Tgt Ion:180 Resp: 78320

Ion Ratio Lower Upper

180 100

182 95.1 48.7 146.1

145 31.8 16.1 48.3



Abundance Ion 179.80 (179.50 to 180.50): V
Ion 181.80 (181.50 to 182.50): V
Ion 144.90 (144.60 to 145.60): V

