

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX043020\
 Data File : VX015992.D
 Acq On : 30 Apr 2020 13:32
 Operator : JC/SP
 Sample : VSTDICV020
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: May 01 07:53:13 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X043020W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Apr 30 12:42:44 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	4.98	128	50730	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.83	114	275563	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.10	117	253759	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.03	65	118330	30.35	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	101.17%
60) 4-Bromofluorobenzene	11.12	95	124505	29.26	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	97.53%
63) Toluene-d8	8.70	98	330811	30.39	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	101.30%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.18	85	64808	18.547	ug/l 100
3) Chloromethane	1.31	50	61106	17.849	ug/l 99
4) Vinyl Chloride	1.39	62	67693	17.403	ug/l 99
5) Bromomethane	1.63	94	48964	20.537	ug/l 97
6) Chloroethane	1.72	64	44402	17.413	ug/l 99
7) Trichlorofluoromethane	1.92	101	100451	18.030	ug/l 99
8) Diethyl Ether	2.17	74	40089	18.027	ug/l 96
9) 1,1,2-Trichlorotrifluoroet	2.37	101	50686	17.616	ug/l 100
10) 1,1-Dichloroethene	2.36	96	50109	17.262	ug/l 95
11) Methyl Iodide	2.49	142	66210	16.707	ug/l 97
12) Methyl Acetate	2.75	43	94880	18.720	ug/l 99
13) Acrolein	2.27	56	41623	102.443	ug/l 98
14) Acrylonitrile	3.11	53	169056	90.303	ug/l 100
15) Acetone	2.42	58	44119	89.049	ug/l 93
16) Carbon Disulfide	2.55	76	155841	17.647	ug/l 98
17) Allyl chloride	2.71	41	94019	17.459	ug/l 98
18) Methylene Chloride	2.83	84	58216	17.902	ug/l 98
19) trans-1,2-Dichloroethene	3.14	96	56031	17.648	ug/l 94
20) Diisopropyl ether	3.82	45	183983	17.720	ug/l # 84
21) 1,1-Dichloroethane	3.67	63	100593	17.375	ug/l 99
22) cis-1,2-Dichloroethene	4.56	96	62585	17.370	ug/l 100
23) tert-Butyl Alcohol	3.01	59	81758	89.216	ug/l # 100
24) Methyl tert-Butyl Ether	3.17	73	191756	18.394	ug/l 99
25) Chloroform	5.17	83	103607	17.621	ug/l 99
26) Cyclohexane	5.55	56	91546	17.292	ug/l # 98
29) 1,1-Dichloropropene	5.77	75	77486	17.879	ug/l 99
30) 2-Butanone	4.63	43	241297	93.437	ug/l 99
31) 2,2-Dichloropropane	4.55	77	93018	17.834	ug/l 100
32) 1,1,1-Trichloroethane	5.46	97	93203	17.728	ug/l 98
33) Carbon Tetrachloride	5.75	117	82863	17.702	ug/l 99
34) Benzene	6.11	78	226703	17.909	ug/l 97
35) Methacrylonitrile	5.00	41	50673	18.477	ug/l 97
36) 1,2-Dichloroethane	6.16	62	89200	18.451	ug/l 99
37) Trichloroethene	7.19	130	83322	18.502	ug/l 99
38) Methylcyclohexane	7.44	83	94270	17.799	ug/l 99
39) 1,2-Dichloropropane	7.49	63	59097	18.186	ug/l 94
40) Dibromomethane	7.64	93	41845	18.545	ug/l 99

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 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Apr 30 12:42:44 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Bromodichloromethane	7.87	83	81955	17.618	ug/l	96
42) Vinyl Acetate	3.78	43	784881	91.867	ug/l	100
43) Ethyl Acetate	4.79	43	93792	18.412	ug/l	98
44) Isopropyl Acetate	6.41	43	152854	18.491	ug/l	100
45) 1,4-Dioxane	7.71	88	32007	366.552	ug/l	98
46) Methyl methacrylate	7.74	41	71316	18.198	ug/l	96
47) n-amyl Acetate	10.88	43	127074	17.580	ug/l	99
48) t-1,3-Dichloropropene	9.02	75	95915	17.757	ug/l	99
49) cis-1,3-Dichloropropene	8.42	75	100802	18.062	ug/l	97
50) 1,1,2-Trichloroethane	9.20	97	57043	17.940	ug/l	99
51) Ethyl methacrylate	9.16	69	93617	17.830	ug/l	98
52) 1,3-Dichloropropane	9.35	76	101171	18.406	ug/l	100
53) Dibromochloromethane	9.57	129	64133	17.728	ug/l	100
54) 1,2-Dibromoethane	9.65	107	63073	18.049	ug/l	98
55) 2-Chloroethyl vinyl ether	8.29	63	252799	88.499	ug/l	100
56) Bromoform	10.84	173	45901	16.840	ug/l	97
58) 4-Methyl-2-Pentanone	8.62	43	462426	92.408	ug/l	100
59) 2-Hexanone	9.47	43	354219	91.640	ug/l	100
61) Tetrachloroethene	9.32	164	92681	18.464	ug/l	98
62) Toluene	8.76	91	245113	18.080	ug/l	100
64) Chlorobenzene	10.12	112	154053	17.847	ug/l	99
65) 1,1,1,2-Tetrachloroethane	10.21	131	58501	17.852	ug/l	99
66) Ethyl Benzene	10.24	91	278417	18.035	ug/l	100
67) m/p-Xylenes	10.34	106	208609	35.473	ug/l	99
68) o-Xylene	10.68	106	101236	17.852	ug/l	98
69) Styrene	10.70	104	167294	17.236	ug/l	99
70) Isopropylbenzene	11.00	105	271307	17.719	ug/l	100
71) 1,1,2,2-Tetrachloroethane	11.25	83	46435	16.314	ug/l	97
72) 1,2,3-Trichloropropane	11.28	75	113075	24.528	ug/l	83
73) Bromobenzene	11.24	156	68268	17.694	ug/l	99
74) n-propylbenzene	11.34	91	314333	17.675	ug/l	100
75) 2-Chlorotoluene	11.40	91	184286	17.634	ug/l	99
76) 1,3,5-Trimethylbenzene	11.49	105	224620	17.283	ug/l	100
77) t-1,4-Dichloro-2-butene	11.06	75	34470	17.390	ug/l	97
78) 4-Chlorotoluene	11.49	91	217719	17.600	ug/l	99
79) tert-butylbenzene	11.76	119	194713	17.542	ug/l	99
80) 1,2,4-Trimethylbenzene	11.79	105	228221	17.577	ug/l	100
81) sec-Butylbenzene	11.93	105	262307	17.521	ug/l	99
82) p-Isopropyltoluene	12.05	119	241995	17.443	ug/l	100
83) 1,3-Dichlorobenzene	12.01	146	123304	17.726	ug/l	99
84) 1,4-Dichlorobenzene	12.08	146	123907	17.926	ug/l	99
85) n-Butylbenzene	12.37	91	219318	17.306	ug/l	100
86) Hexachloroethane	12.58	117	41701	17.074	ug/l	95
87) 1,2-Dichlorobenzene	12.38	146	121757	18.098	ug/l	98
88) 1,2-Dibromo-3-Chloropropan	12.98	75	20617	17.310	ug/l	98
89) 1,2,4-Trichlorobenzene	13.63	180	84981	17.149	ug/l	96
90) Hexachlorobutadiene	13.76	225	38602	18.125	ug/l	98
91) Naphthalene	13.82	128	282261	17.891	ug/l	99
92) 1,2,3-Trichlorobenzene	14.01	180	84355	17.719	ug/l	99

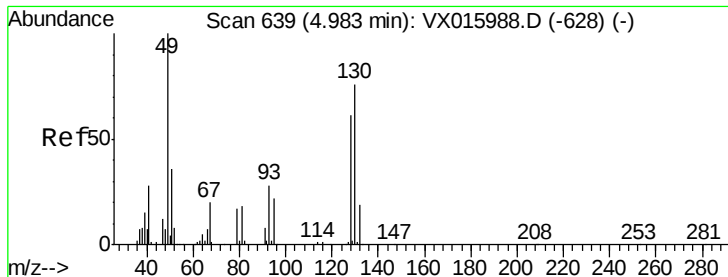
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QLast Update : Thu Apr 30 12:42:44 2020
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 4.98 min Scan# 639

Delta R.T. 0.00 min

Lab File: VX015992.D

Acq: 30 Apr 2020 13:32

Instrument :
MSVOA_X
ClientSampleId :

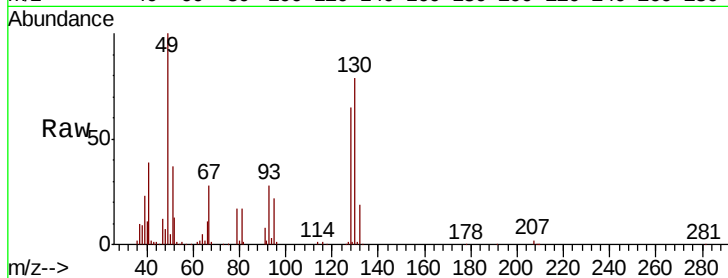
Tot Ion:128 Resp: 50730

Ion Ratio Lower Upper

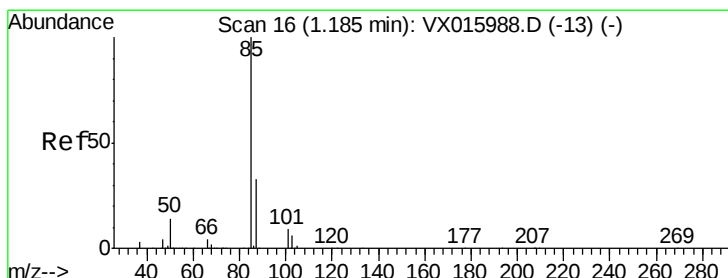
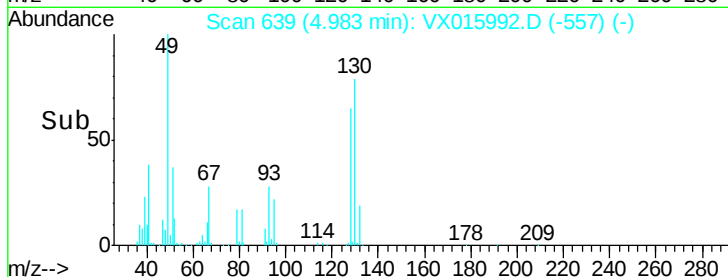
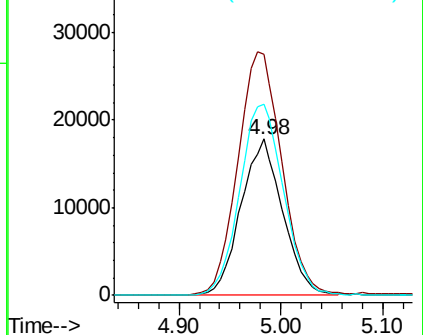
128 100

49 163.9 0.0 418.5

130 128.3 0.0 326.3



Abundance Ion 128.00 (127.70 to 128.70): V
Ion 49.00 (48.70 to 49.70): VX0
Ion 130.00 (129.70 to 130.70): V



#2

Dichlorodifluoromethane

Concen: 18.547 ug/l

RT: 1.18 min Scan# 16

Delta R.T. 0.00 min

Lab File: VX015992.D

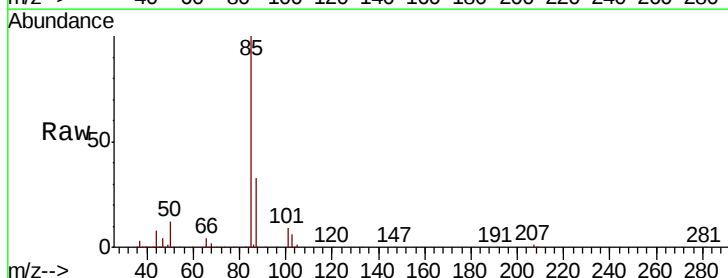
Acq: 30 Apr 2020 13:32

Tgt Ion: 85 Resp: 64808

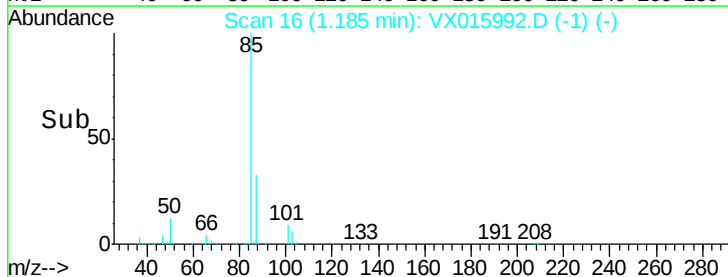
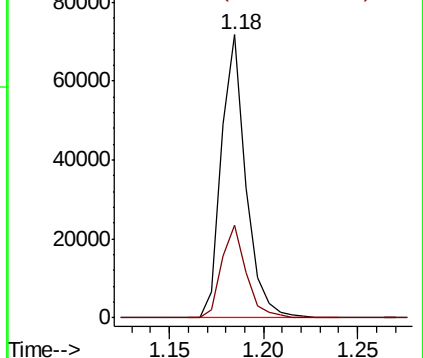
Ion Ratio Lower Upper

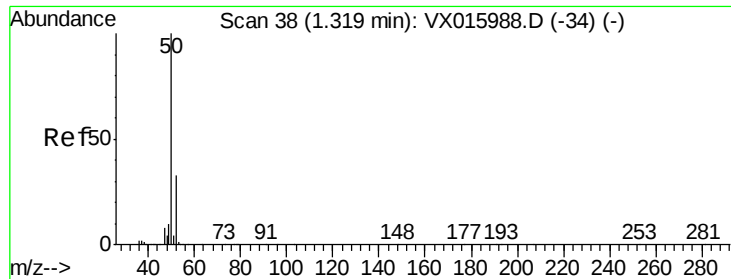
85 100

87 33.0 16.6 49.7



Abundance Ion 85.00 (84.70 to 85.70): VX0
Ion 87.00 (86.70 to 87.70): VX0





#3

Chloromethane

Concen: 17.849 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.01 min

Lab File: VX015992.D

Acq: 30 Apr 2020 13:32

Instrument :

MSVOA_X

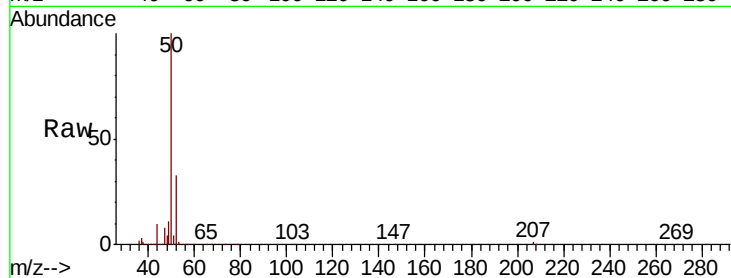
ClientSampleId :

Tot Ion: 50 Resp: 61106

Ion Ratio Lower Upper

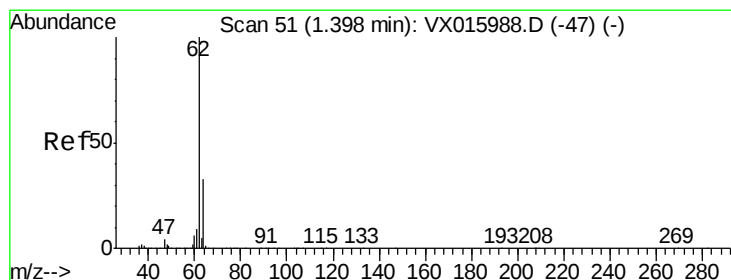
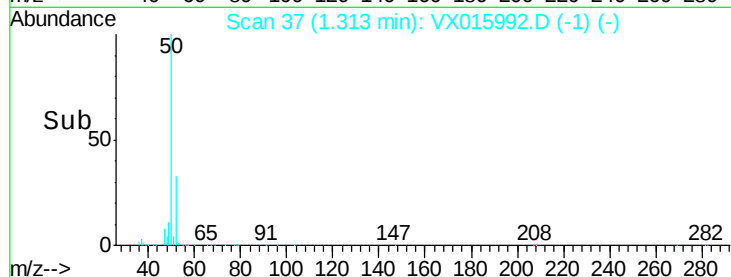
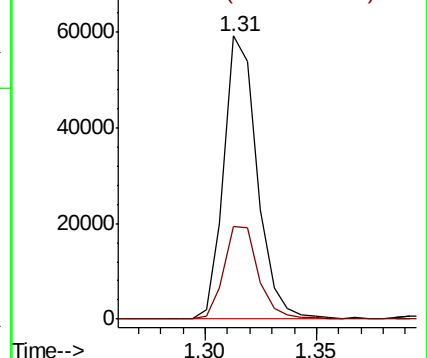
50 100

52 32.8 26.5 39.7



Abundance Ion 50.00 (49.70 to 50.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#4

Vinyl Chloride

Concen: 17.403 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.01 min

Lab File: VX015992.D

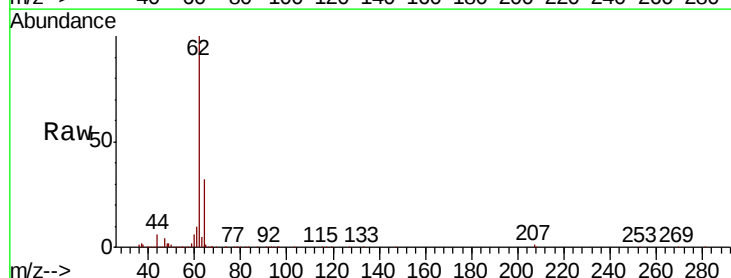
Acq: 30 Apr 2020 13:32

Tgt Ion: 62 Resp: 67693

Ion Ratio Lower Upper

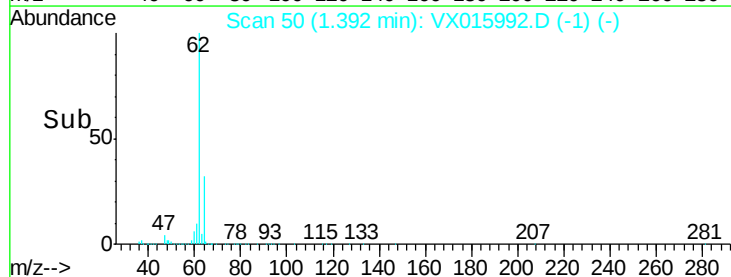
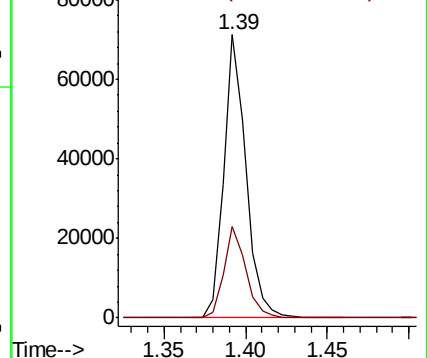
62 100

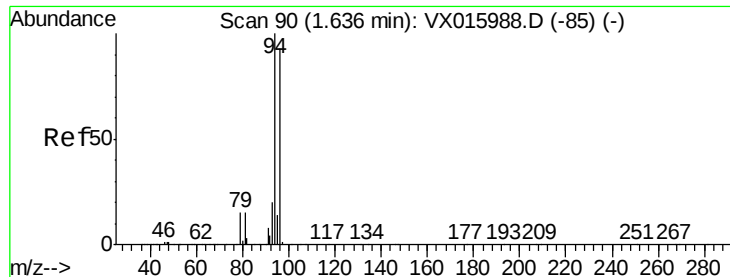
64 32.1 26.3 39.5



Abundance Ion 62.00 (61.70 to 62.70): VX0

Ion 64.00 (63.70 to 64.70): VX0





#5

Bromomethane

Concen: 20.537 ug/l

RT: 1.63 min Scan# 89

Delta R.T. -0.01 min

Lab File: VX015992.D

Acq: 30 Apr 2020 13:32

Instrument :

MSVOA_X

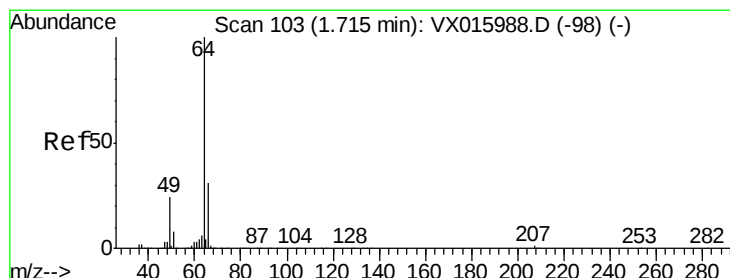
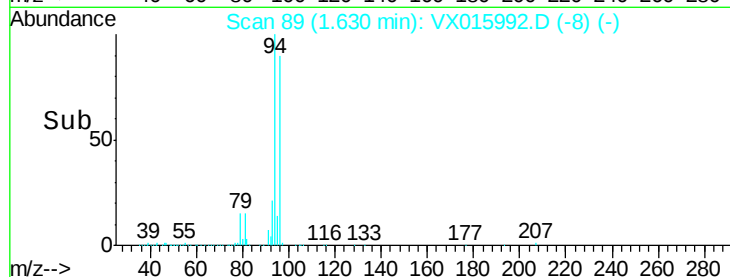
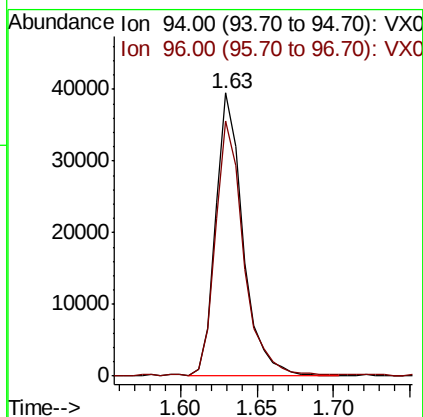
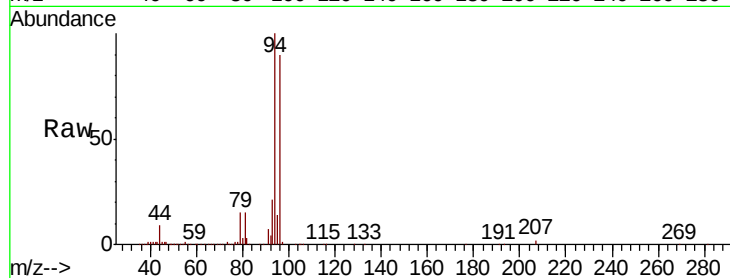
ClientSampleId :

Tot Ion: 94 Resp: 48964

Ion Ratio Lower Upper

94 100

96 90.2 74.2 111.2



#6

Chloroethane

Concen: 17.413 ug/l

RT: 1.72 min Scan# 103

Delta R.T. 0.00 min

Lab File: VX015992.D

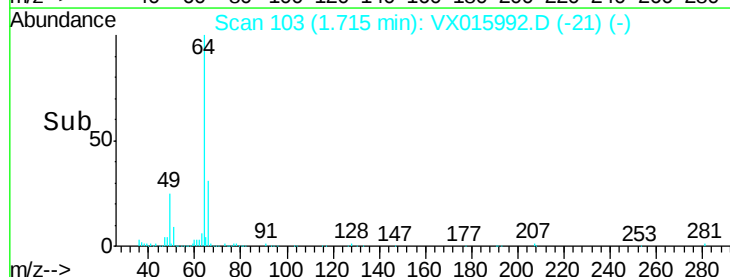
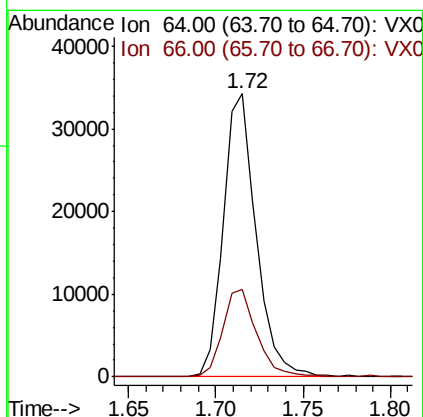
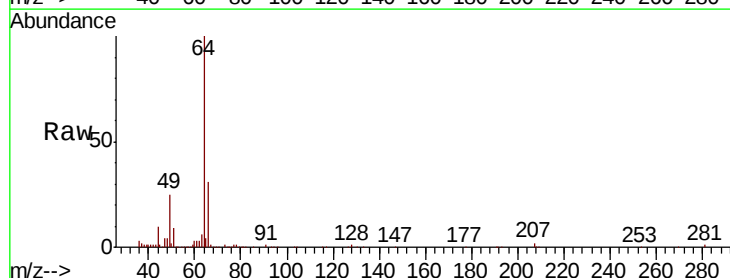
Acq: 30 Apr 2020 13:32

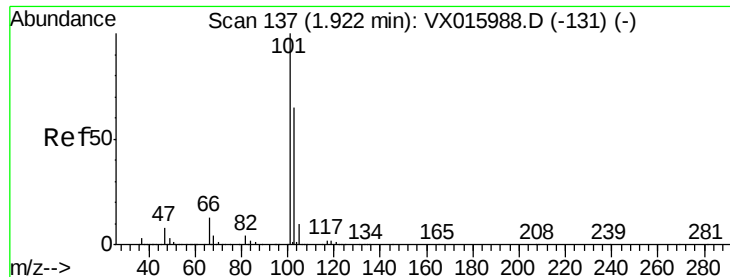
Tgt Ion: 64 Resp: 44402

Ion Ratio Lower Upper

64 100

66 30.8 24.9 37.3



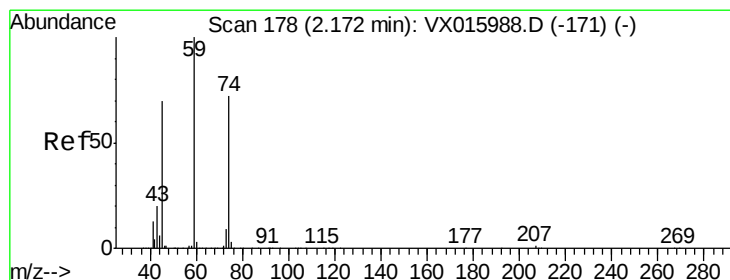
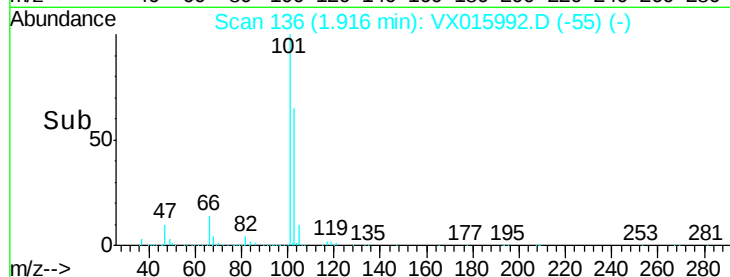
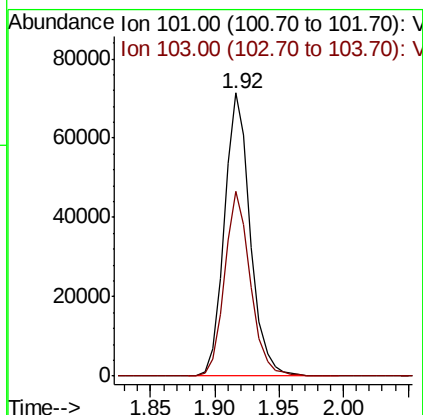
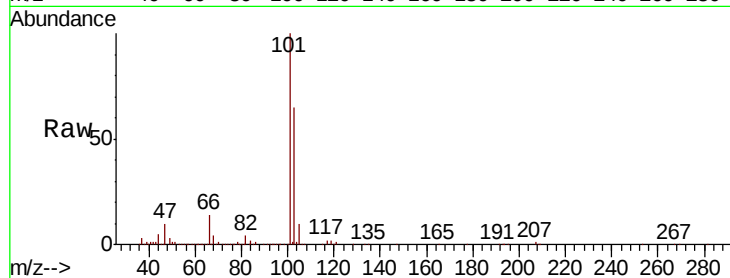


#7

Trichlorofluoromethane
 Concen: 18.030 ug/l
 RT: 1.92 min Scan# 136
 Delta R.T. -0.01 min
 Lab File: VX015992.D
 Acq: 30 Apr 2020 13:32

Instrument :
 MSVOA_X
 ClientSampleId :

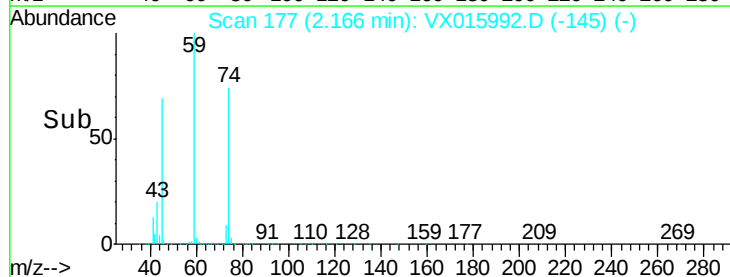
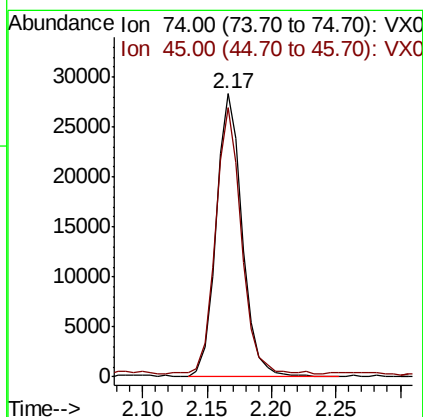
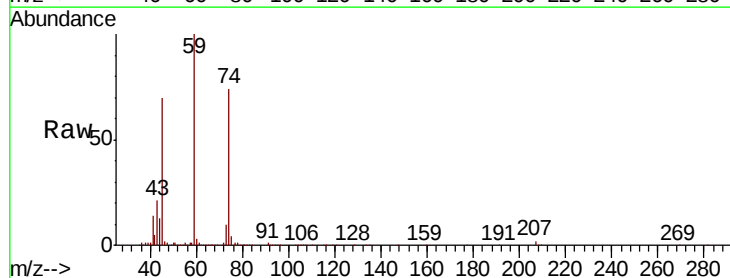
Tot Ion:101 Resp: 100451
 Ion Ratio Lower Upper
 101 100
 103 65.4 51.8 77.8

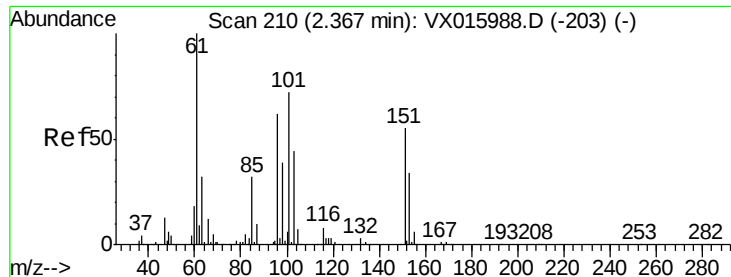


#8

Diethyl Ether
 Concen: 18.027 ug/l
 RT: 2.17 min Scan# 177
 Delta R.T. -0.01 min
 Lab File: VX015992.D
 Acq: 30 Apr 2020 13:32

Tgt Ion: 74 Resp: 40089
 Ion Ratio Lower Upper
 74 100
 45 93.1 19.4 174.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 17.616 ug/l

RT: 2.37 min Scan# 210

Delta R.T. 0.00 min

Lab File: VX015992.D

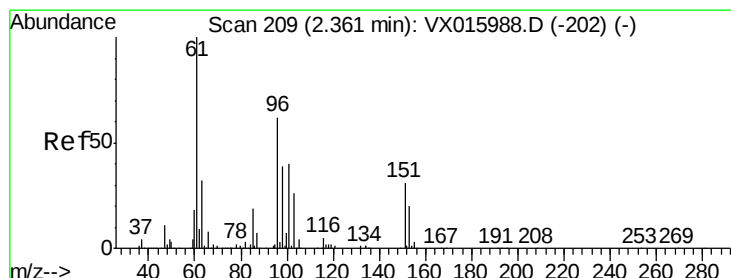
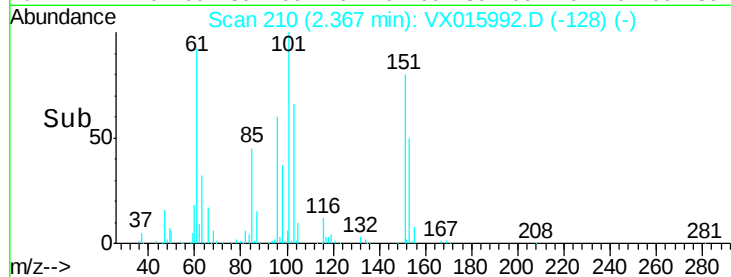
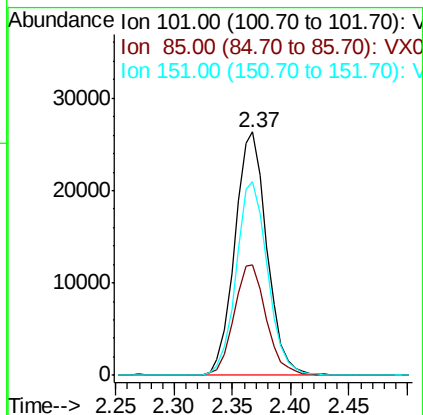
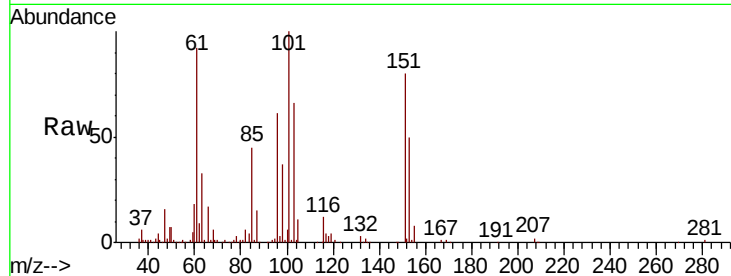
Acq: 30 Apr 2020 13:32

Instrument :

MSVOA_X

ClientSampleId :

Tot Ion:	101	Resp:	50686
Ion	Ratio	Lower	Upper
101	100		
85	45.8	0.0	90.6
151	78.3	0.0	157.0



#10

1,1-Dichloroethene

Concen: 17.262 ug/l

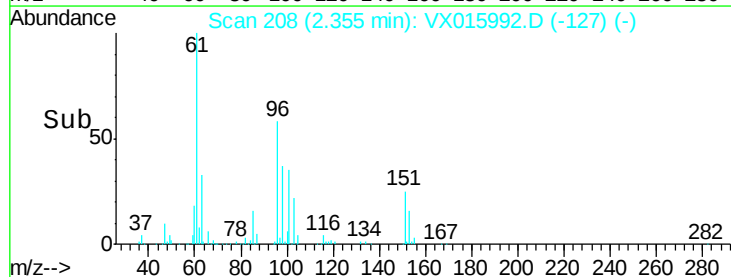
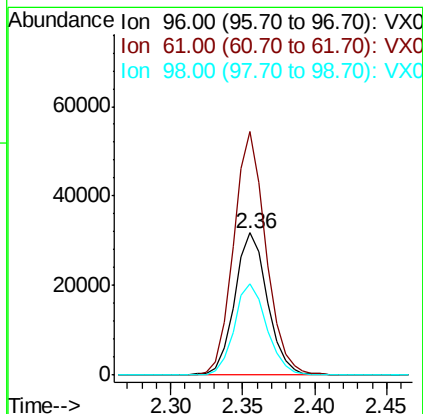
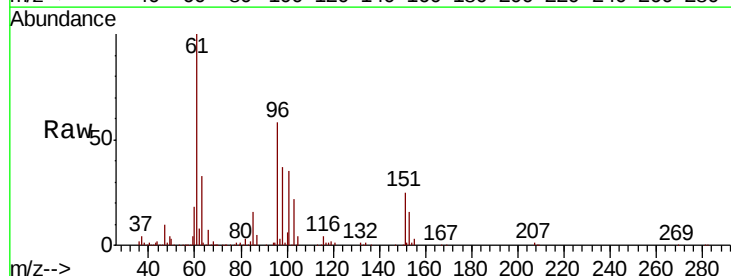
RT: 2.36 min Scan# 208

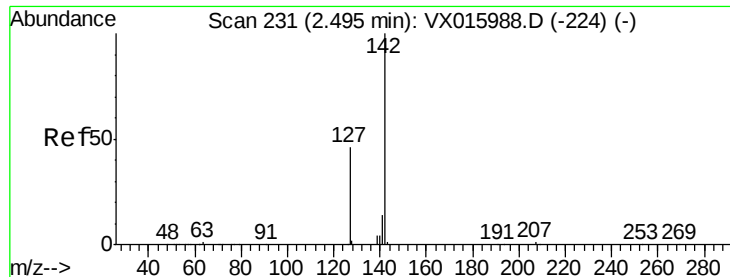
Delta R.T. -0.01 min

Lab File: VX015992.D

Acq: 30 Apr 2020 13:32

Tgt Ion:	96	Resp:	50109
Ion	Ratio	Lower	Upper
96	100		
61	171.8	129.8	194.8
98	64.3	51.1	76.7

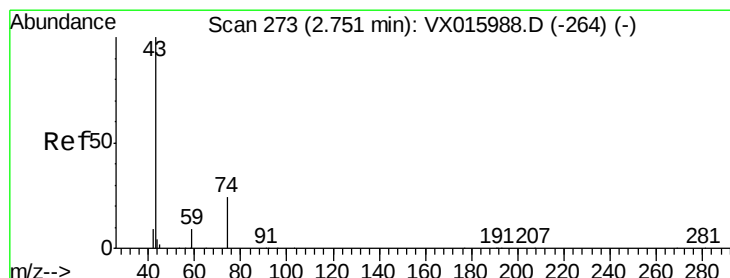
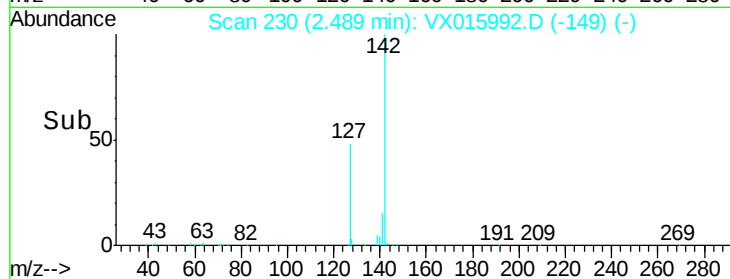
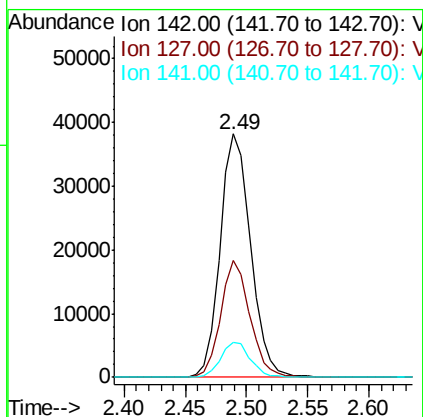
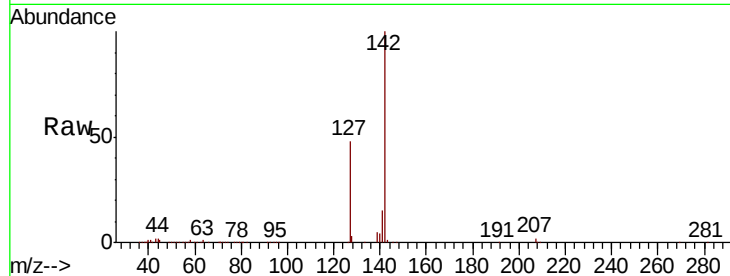




#11
Methyl Iodide
Concen: 16.707 ug/l
RT: 2.49 min Scan# 230
Delta R.T. -0.01 min
Lab File: VX015992.D
Acq: 30 Apr 2020 13:32

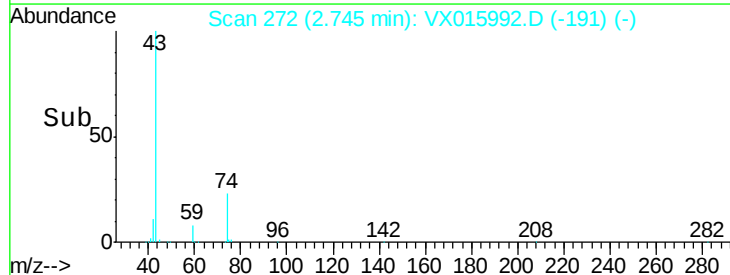
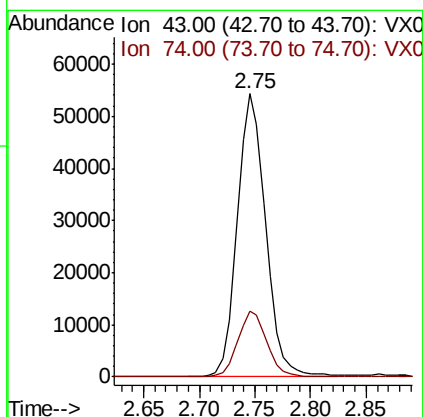
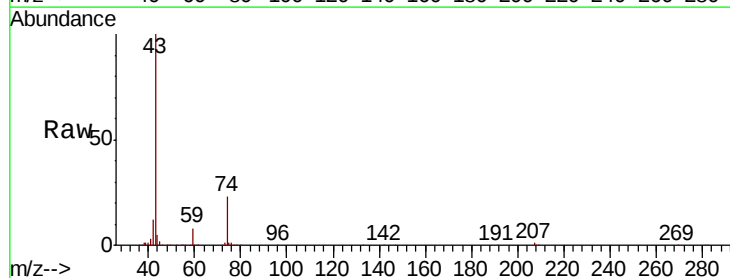
Instrument :
MSVOA_X
ClientSampled :

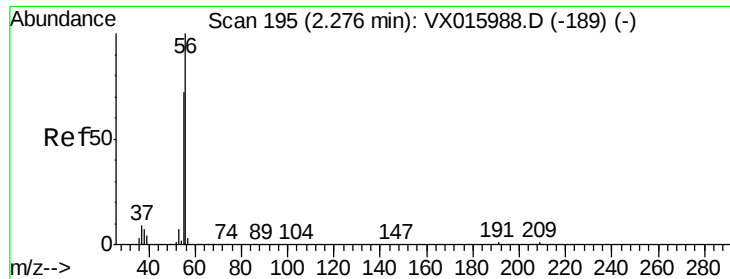
Tot Ion:142 Resp: 66210
Ion Ratio Lower Upper
142 100
127 47.9 22.8 68.4
141 14.6 7.0 21.1



#12
Methyl Acetate
Concen: 18.720 ug/l
RT: 2.75 min Scan# 272
Delta R.T. -0.01 min
Lab File: VX015992.D
Acq: 30 Apr 2020 13:32

Tgt Ion: 43 Resp: 94880
Ion Ratio Lower Upper
43 100
74 23.2 19.0 28.4

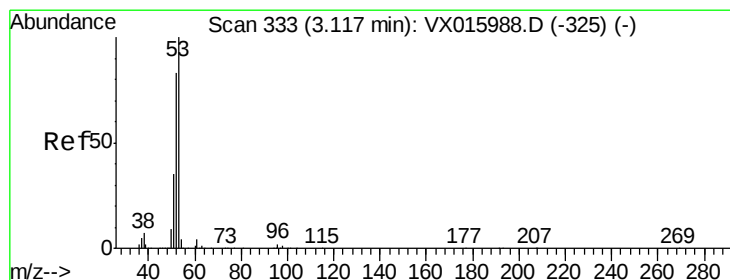
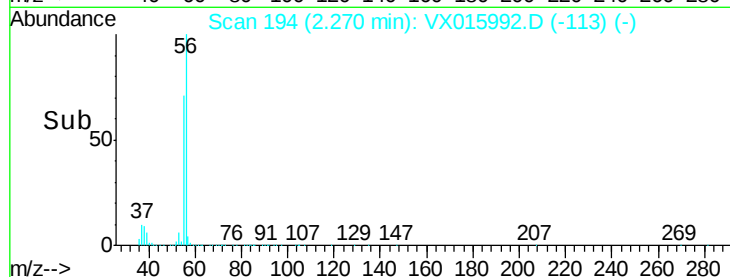
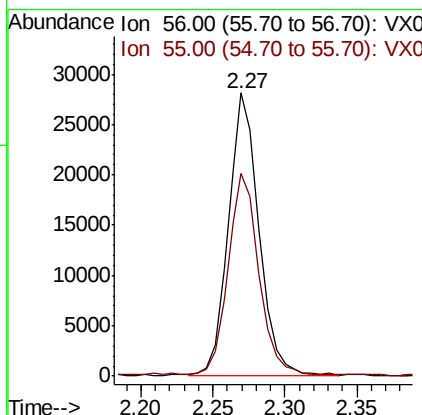
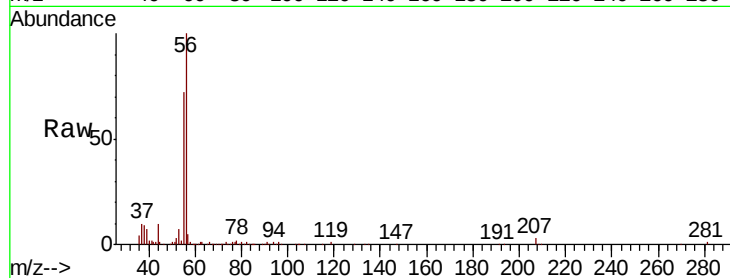




#13
Acrolein
Concen: 102.443 ug/l
RT: 2.27 min Scan# 194
Delta R.T. -0.01 min
Lab File: VX015992.D
Acq: 30 Apr 2020 13:32

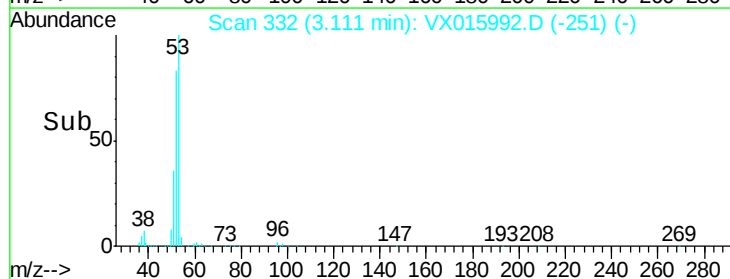
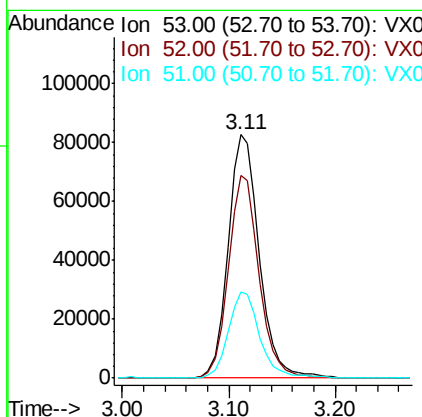
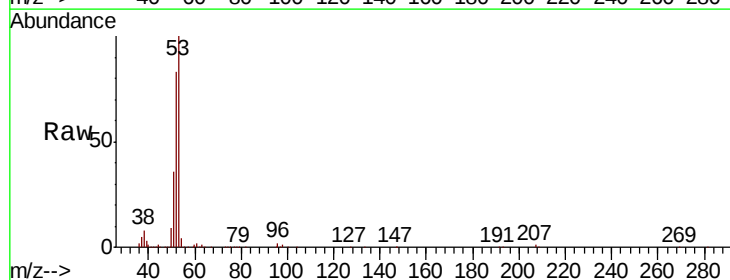
Instrument :
MSVOA_X
ClientSampleId :

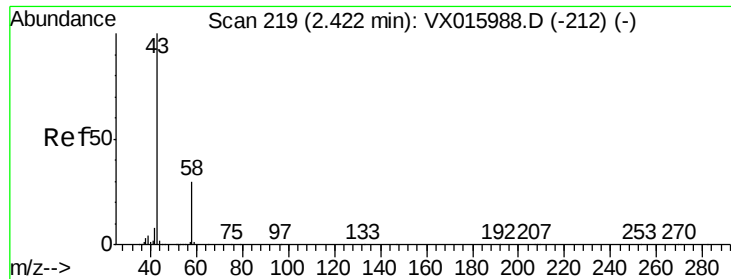
Tot Ion: 56 Resp: 41623
Ion Ratio Lower Upper
56 100
55 71.9 56.2 84.4



#14
Acrylonitrile
Concen: 90.303 ug/l
RT: 3.11 min Scan# 332
Delta R.T. -0.01 min
Lab File: VX015992.D
Acq: 30 Apr 2020 13:32

Tgt Ion: 53 Resp: 169056
Ion Ratio Lower Upper
53 100
52 82.0 41.2 123.6
51 36.0 17.8 53.5





#15

Acetone

Concen: 89.049 ug/l

RT: 2.42 min Scan# 218

Delta R.T. -0.01 min

Lab File: VX015992.D

Acq: 30 Apr 2020 13:32

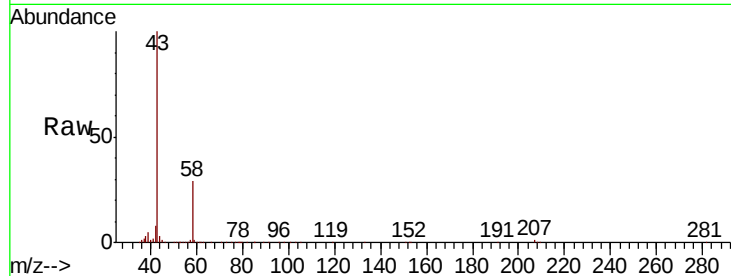
Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 58 Resp: 44119

Ion Ratio Lower Upper

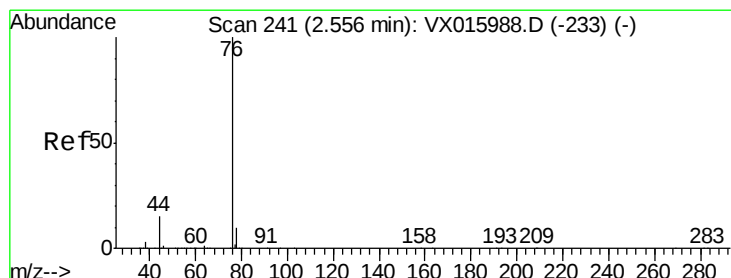
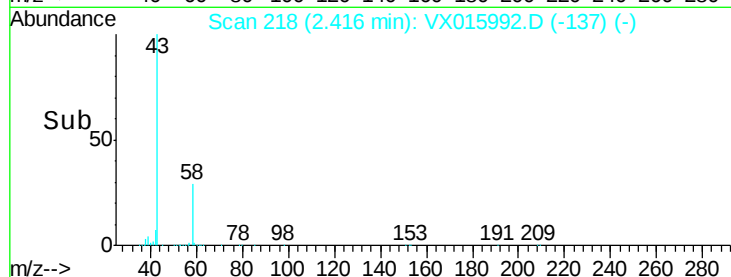
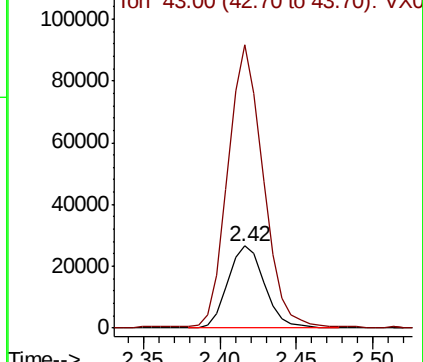
58 100

43 344.0 264.2 396.2



Abundance Ion 58.00 (57.70 to 58.70): VX0

Ion 43.00 (42.70 to 43.70): VX0



#16

Carbon Disulfide

Concen: 17.647 ug/l

RT: 2.55 min Scan# 240

Delta R.T. -0.01 min

Lab File: VX015992.D

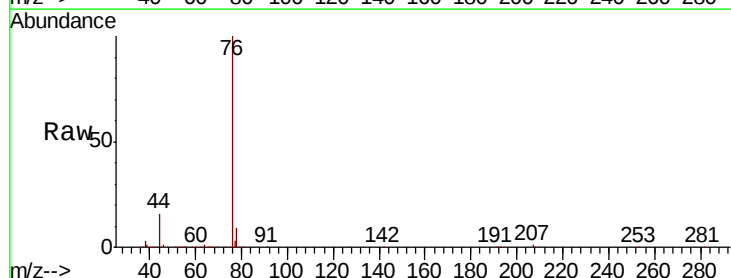
Acq: 30 Apr 2020 13:32

Tgt Ion: 76 Resp: 155841

Ion Ratio Lower Upper

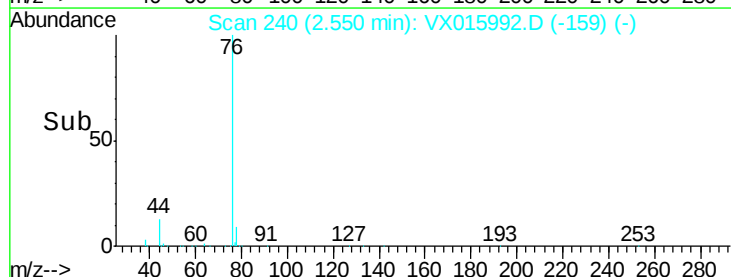
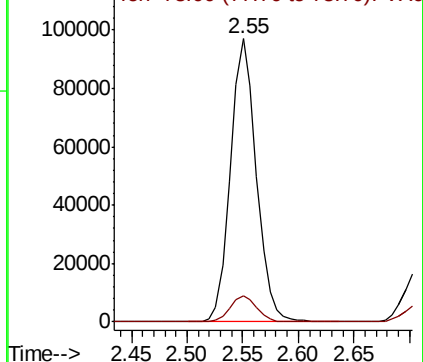
76 100

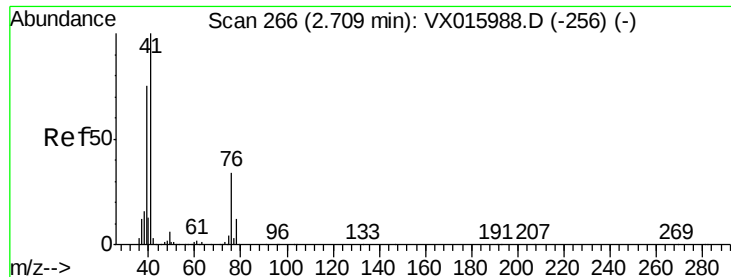
78 9.0 7.7 11.5



Abundance Ion 76.00 (75.70 to 76.70): VX0

Ion 78.00 (77.70 to 78.70): VX0

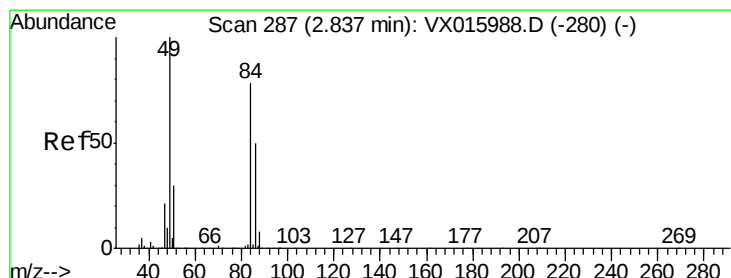
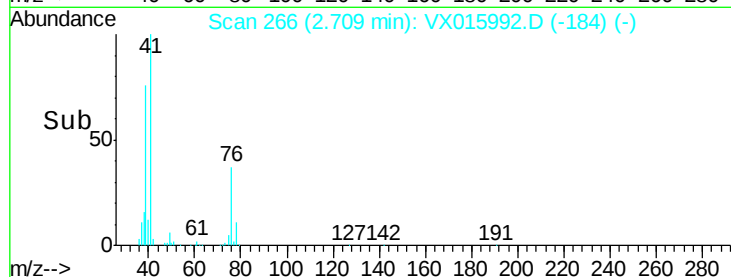
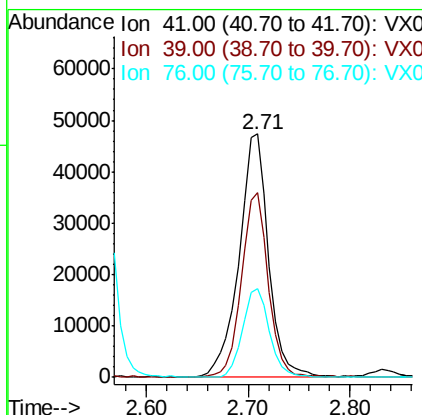
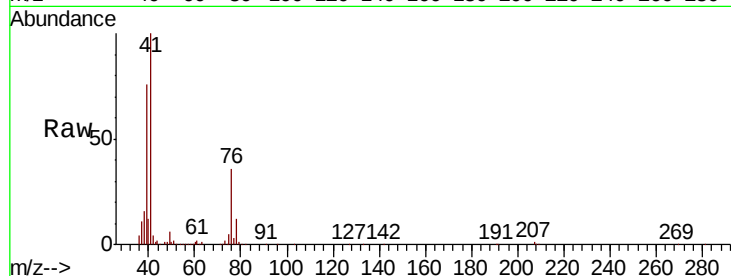




#17
Allvl chloride
Concen: 17.459 ug/l
RT: 2.71 min Scan# 266
Delta R.T. 0.00 min
Lab File: VX015992.D
Acq: 30 Apr 2020 13:32

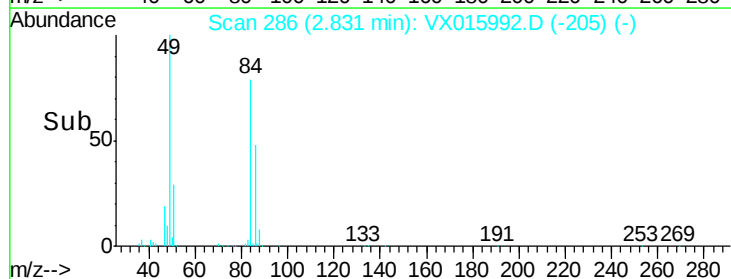
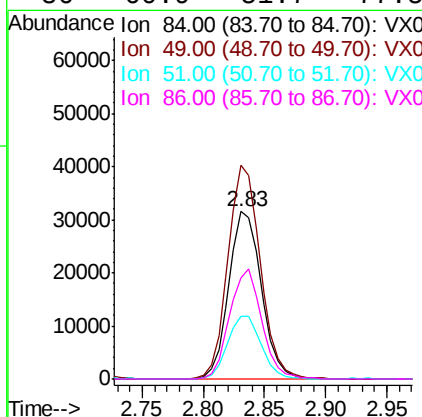
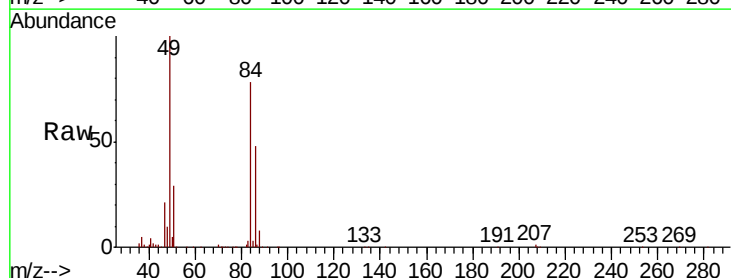
Instrument :
MSVOA_X
ClientSampleId :

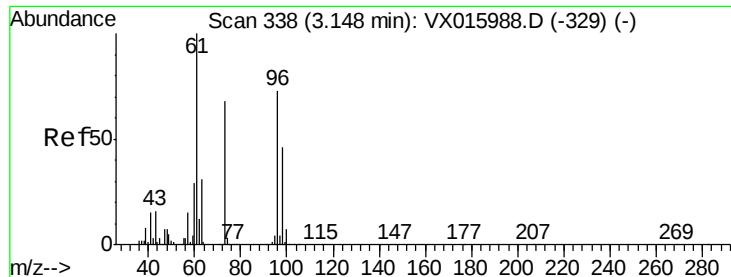
Tot Ion: 41 Resp: 94019
Ion Ratio Lower Upper
41 100
39 75.9 37.6 112.8
76 36.3 17.2 51.5



#18
Methylene Chloride
Concen: 17.902 ug/l
RT: 2.83 min Scan# 286
Delta R.T. -0.01 min
Lab File: VX015992.D
Acq: 30 Apr 2020 13:32

Tgt Ion: 84 Resp: 58216
Ion Ratio Lower Upper
84 100
49 127.8 103.0 154.4
51 37.3 31.4 47.0
86 60.9 51.7 77.5





#19

trans-1,2-Dichloroethene

Concen: 17.648 ug/l

RT: 3.14 min Scan# 337

Delta R.T. -0.01 min

Lab File: VX015992.D

Acq: 30 Apr 2020 13:32

Instrument :

MSVOA_X

ClientSampled :

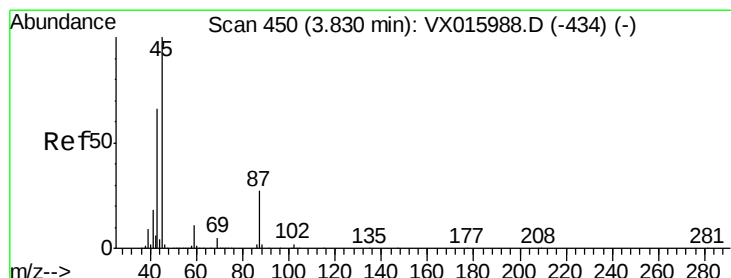
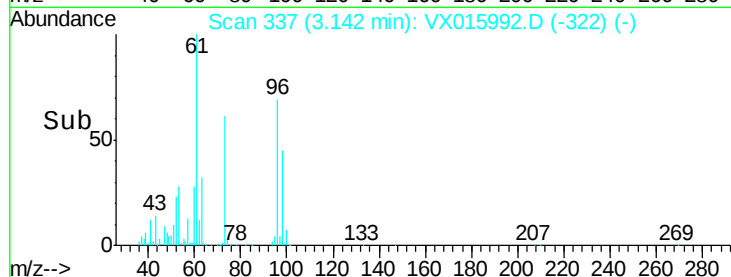
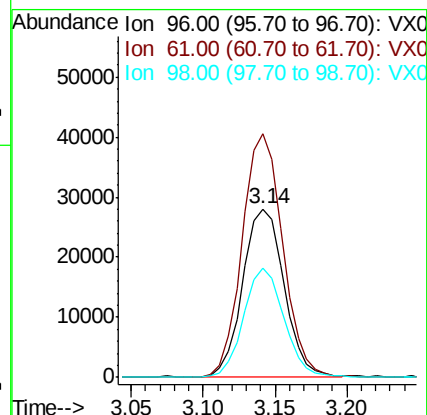
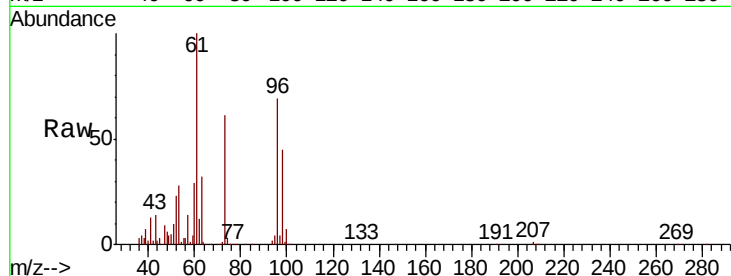
Tot Ion: 96 Resp: 56031

Ion Ratio Lower Upper

96 100

61 144.5 109.0 163.4

98 64.9 50.0 75.0



#20

Diisopropyl ether

Concen: 17.720 ug/l

RT: 3.82 min Scan# 448

Delta R.T. -0.01 min

Lab File: VX015992.D

Acq: 30 Apr 2020 13:32

Tgt Ion: 45 Resp: 183983

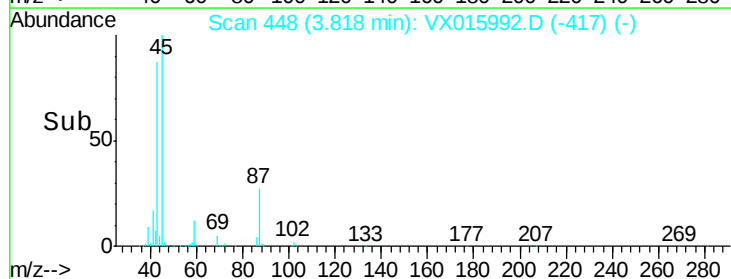
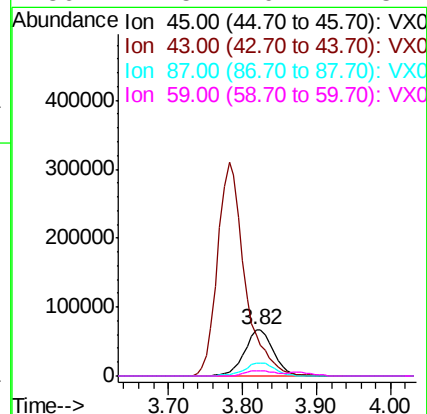
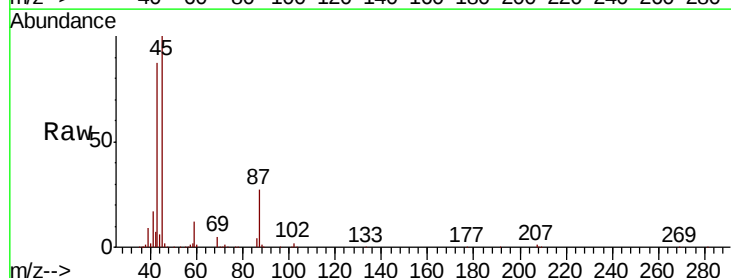
Ion Ratio Lower Upper

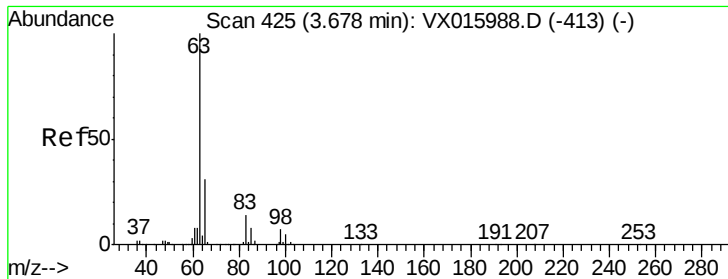
45 100

43 86.6 53.0 79.4#

87 26.9 21.9 32.9

59 11.5 9.1 13.7





#21

1,1-Dichloroethane

Concen: 17.375 ug/l

RT: 3.67 min Scan# 424

Delta R.T. -0.01 min

Lab File: VX015992.D

Acq: 30 Apr 2020 13:32

Instrument :

MSVOA_X

ClientSampled :

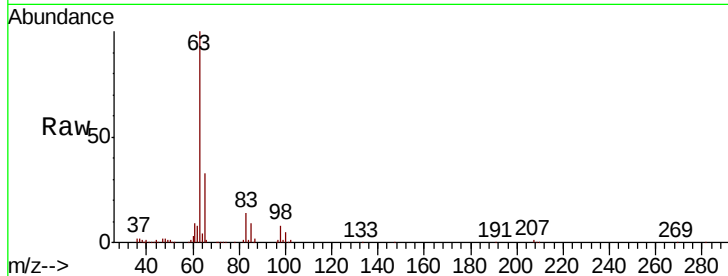
Tot Ion: 63 Resp: 100593

Ion Ratio Lower Upper

63 100

98 7.5 3.5 10.4

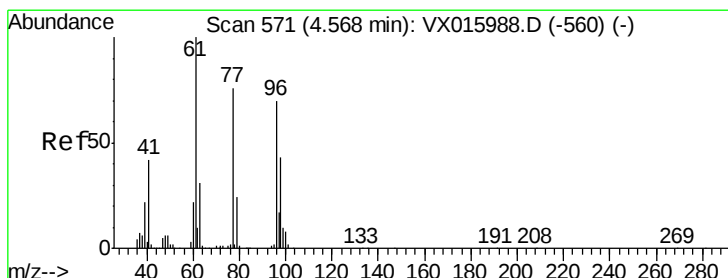
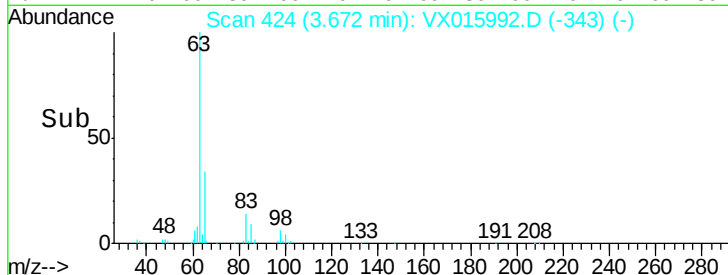
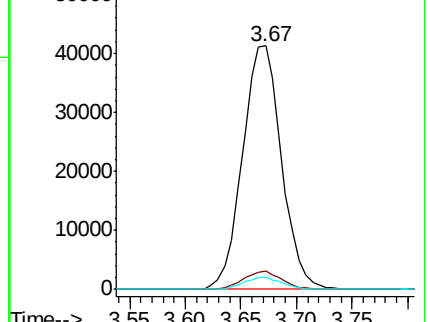
100 4.7 2.3 6.9



Abundance Ion 63.00 (62.70 to 63.70): VX0

Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0



#22

cis-1,2-Dichloroethene

Concen: 17.370 ug/l

RT: 4.56 min Scan# 570

Delta R.T. -0.01 min

Lab File: VX015992.D

Acq: 30 Apr 2020 13:32

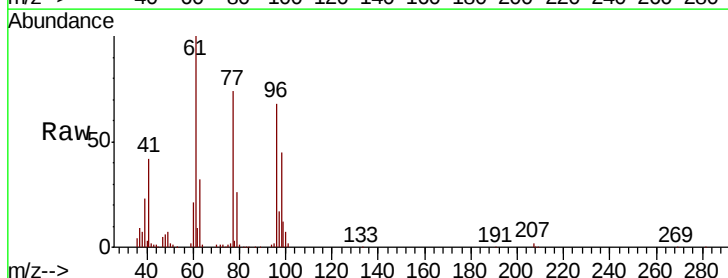
Tgt Ion: 96 Resp: 62585

Ion Ratio Lower Upper

96 100

61 151.5 121.6 182.4

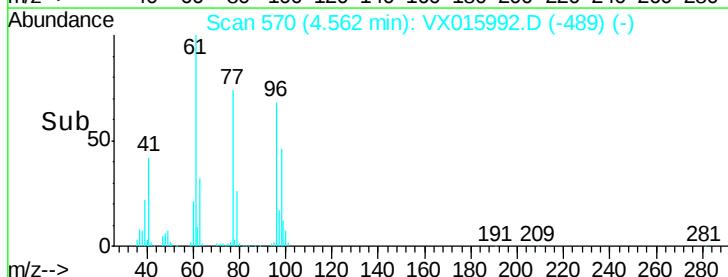
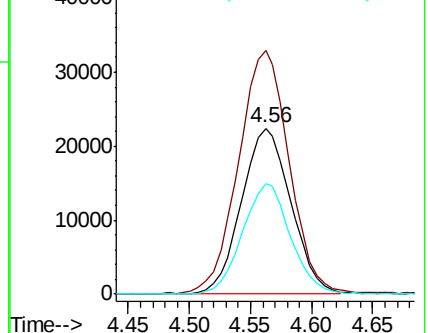
98 64.8 51.9 77.9

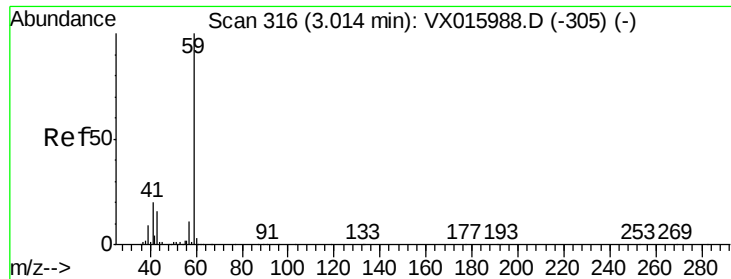


Abundance Ion 96.00 (95.70 to 96.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 98.00 (97.70 to 98.70): VX0



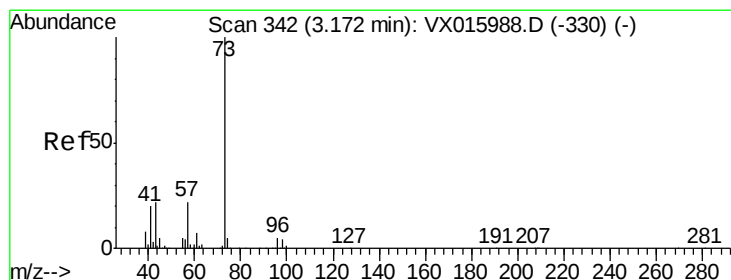
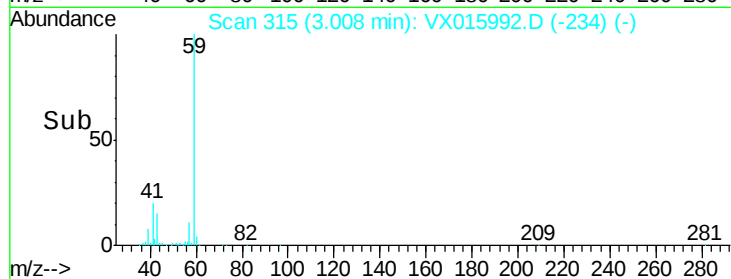
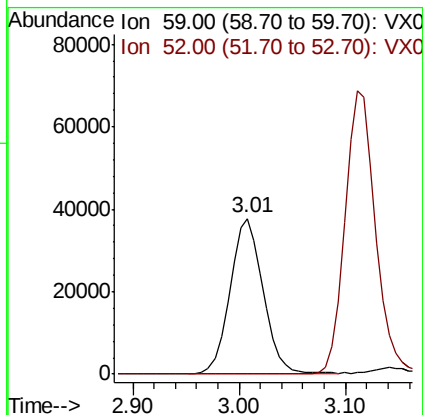
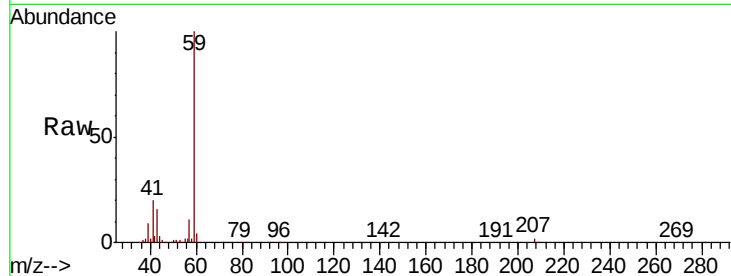


#23

tert-Butyl Alcohol
 Concen: 89.216 ug/l
 RT: 3.01 min Scan# 315
 Delta R.T. -0.01 min
 Lab File: VX015992.D
 Acq: 30 Apr 2020 13:32

Instrument :
 MSVOA_X
 ClientSampleId :

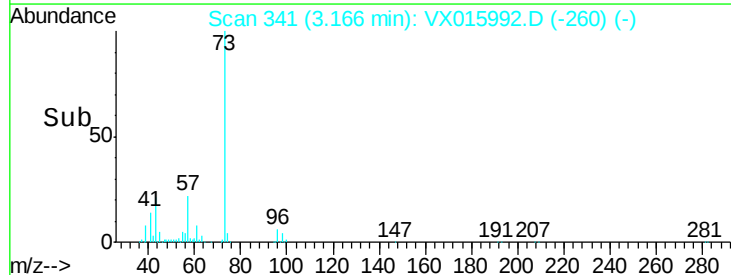
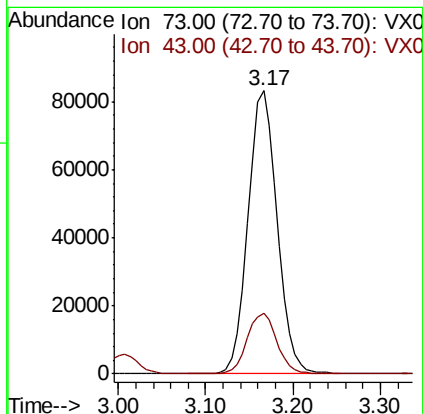
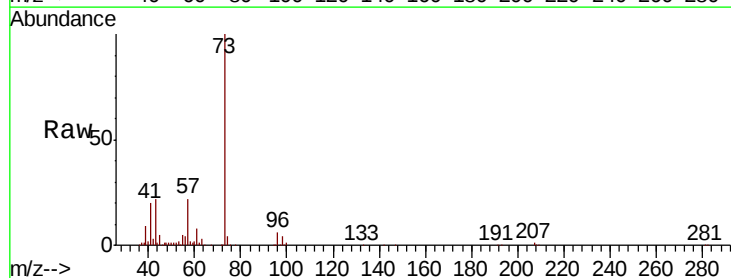
Tot Ion: 59 Resp: 81758
 Ion Ratio Lower Upper
 59 100
 52 0.1 0.1 0.1#

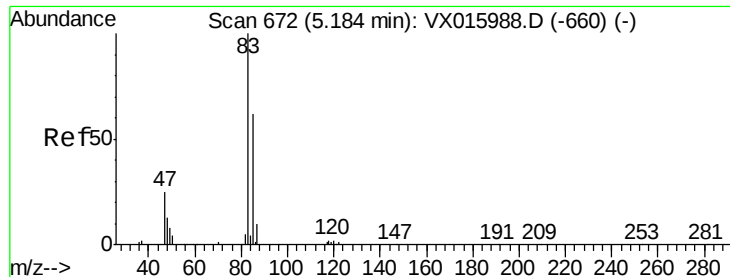


#24

Methyl tert-Butyl Ether
 Concen: 18.394 ug/l
 RT: 3.17 min Scan# 341
 Delta R.T. -0.01 min
 Lab File: VX015992.D
 Acq: 30 Apr 2020 13:32

Tgt Ion: 73 Resp: 191756
 Ion Ratio Lower Upper
 73 100
 43 21.7 17.8 26.6





#25

Chloroform

Concen: 17.621 ug/l

RT: 5.17 min Scan# 670

Delta R.T. -0.01 min

Lab File: VX015992.D

Acq: 30 Apr 2020 13:32

Instrument :

MSVOA_X

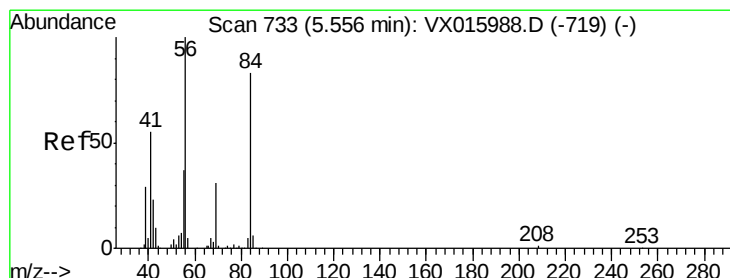
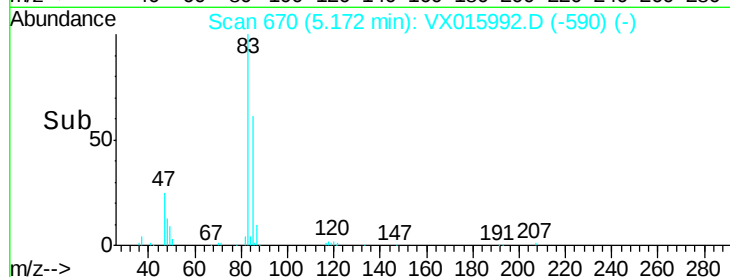
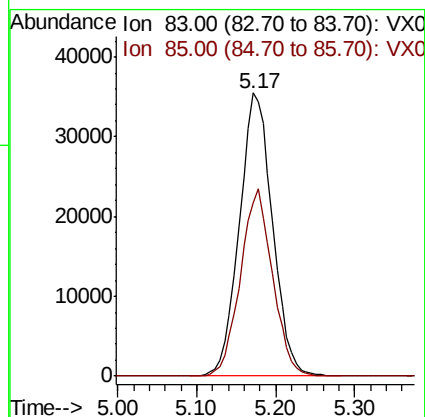
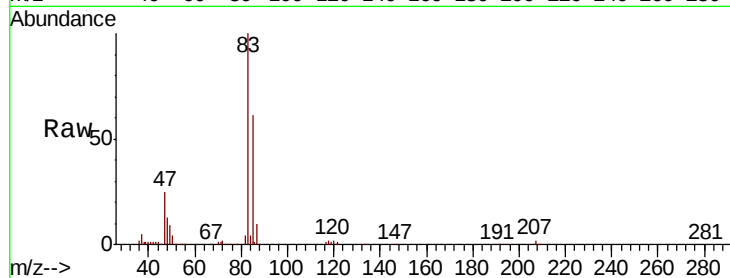
ClientSampleId :

Tot Ion: 83 Resp: 103607

Ion Ratio Lower Upper

83 100

85 61.1 49.6 74.4



#26

Cyclohexane

Concen: 17.292 ug/l

RT: 5.55 min Scan# 732

Delta R.T. -0.01 min

Lab File: VX015992.D

Acq: 30 Apr 2020 13:32

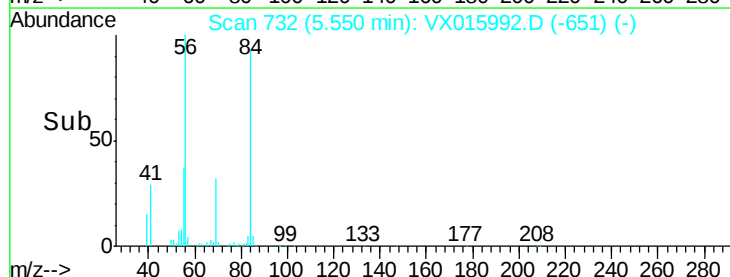
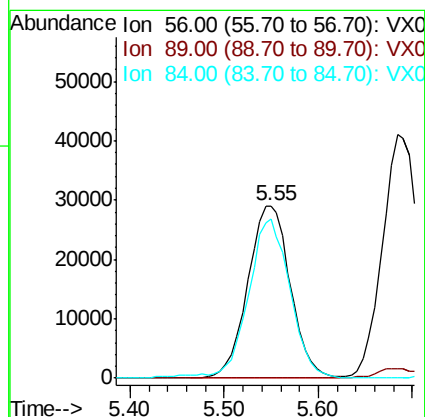
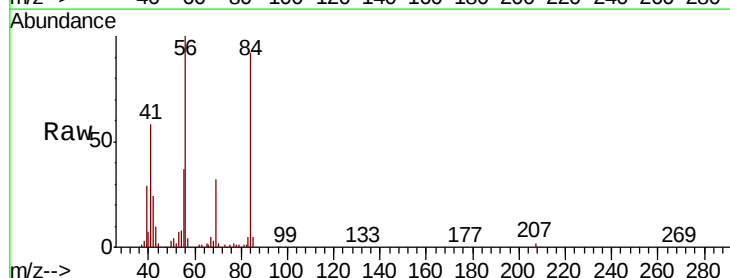
Tgt Ion: 56 Resp: 91546

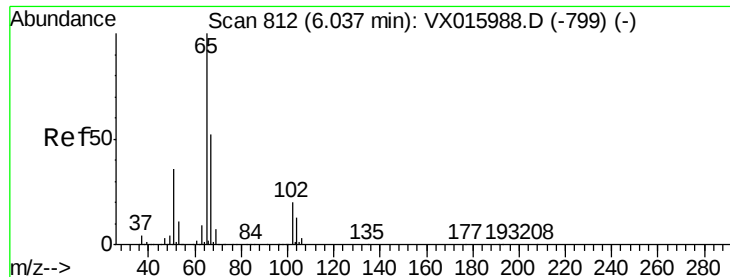
Ion Ratio Lower Upper

56 100

89 0.0 0.1 0.1#

84 89.7 70.1 105.1





#27

1,2-Dichloroethane-d4

Concen: 30.351 ug/l

RT: 6.03 min Scan# 811

Delta R.T. -0.01 min

Lab File: VX015992.D

Acq: 30 Apr 2020 13:32

Instrument :

MSVOA_X

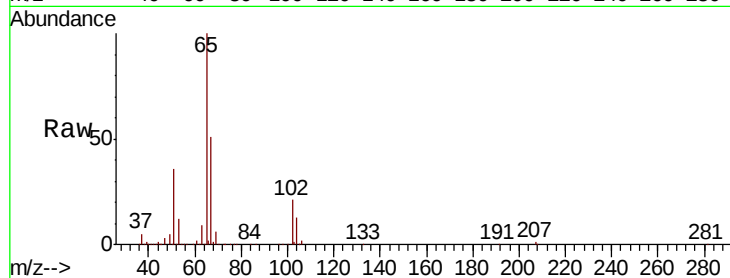
ClientSampleId :

Tot Ion: 65 Resp: 118330

Ion Ratio Lower Upper

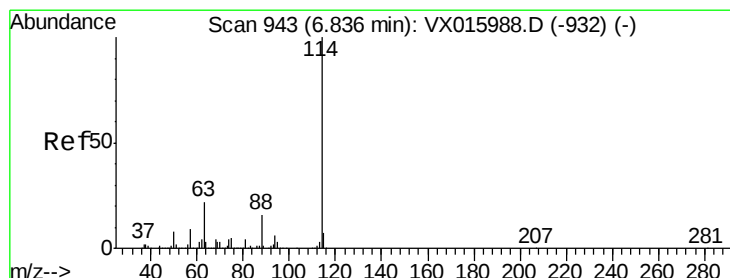
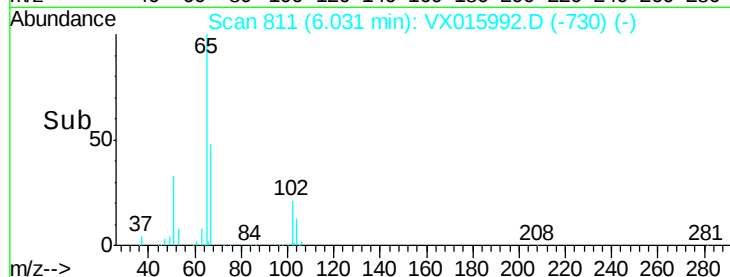
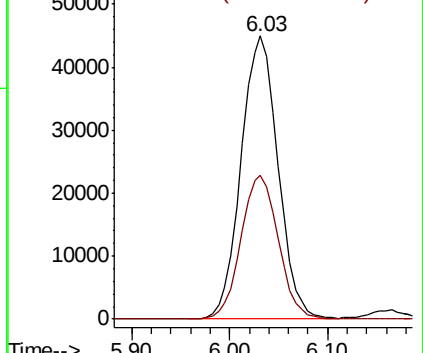
65 100

67 51.4 41.0 61.4



Abundance Ion 65.00 (64.70 to 65.70): VX0

Ion 67.00 (66.70 to 67.70): VX0



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. -0.01 min

Lab File: VX015992.D

Acq: 30 Apr 2020 13:32

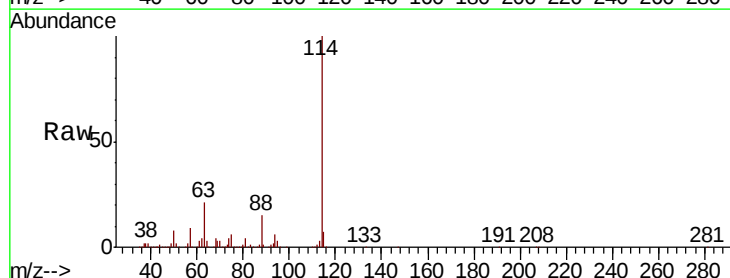
Tgt Ion: 114 Resp: 275563

Ion Ratio Lower Upper

114 100

63 21.2 17.1 25.7

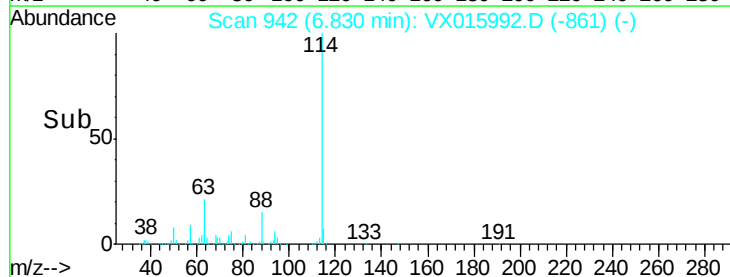
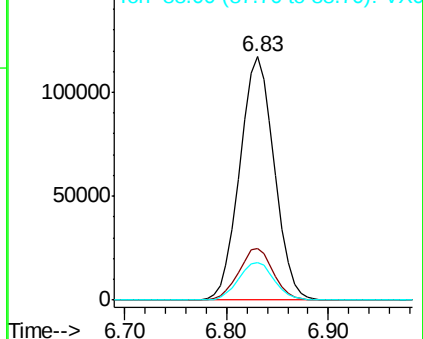
88 15.8 13.0 19.4

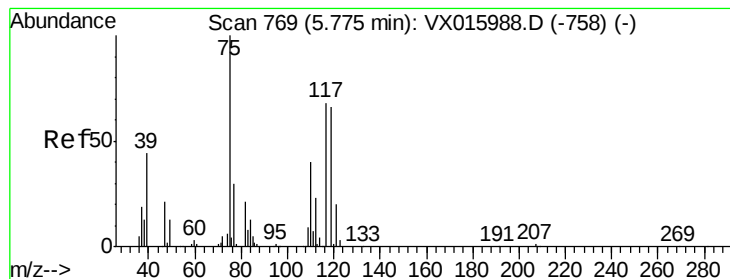


Abundance Ion 114.00 (113.70 to 114.70): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 88.00 (87.70 to 88.70): VX0





#29

1,1-Dichloropropene

Concen: 17.879 ug/l

RT: 5.77 min Scan# 768

Delta R.T. -0.01 min

Lab File: VX015992.D

Acq: 30 Apr 2020 13:32

Instrument :

MSVOA_X

ClientSampleId :

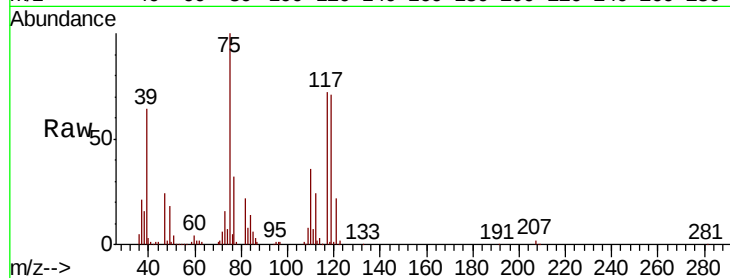
Tot Ion: 75 Resp: 77486

Ion Ratio Lower Upper

75 100

110 35.0 0.0 71.0

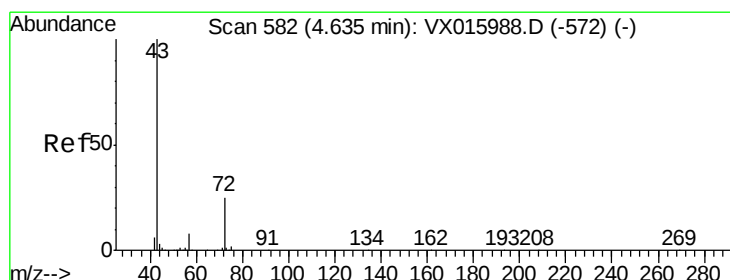
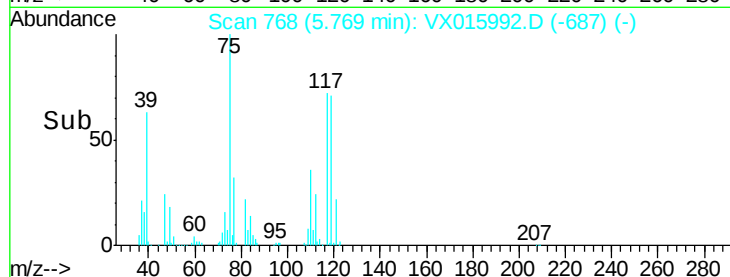
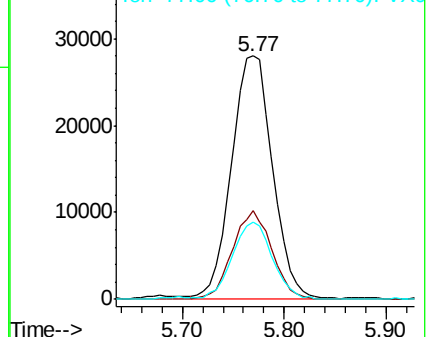
77 31.5 0.0 64.2



Abundance Ion 75.00 (74.70 to 75.70): VX0

Ion 110.00 (109.70 to 110.70): V

Ion 77.00 (76.70 to 77.70): VX0



#30

2-Butanone

Concen: 93.437 ug/l

RT: 4.63 min Scan# 581

Delta R.T. -0.01 min

Lab File: VX015992.D

Acq: 30 Apr 2020 13:32

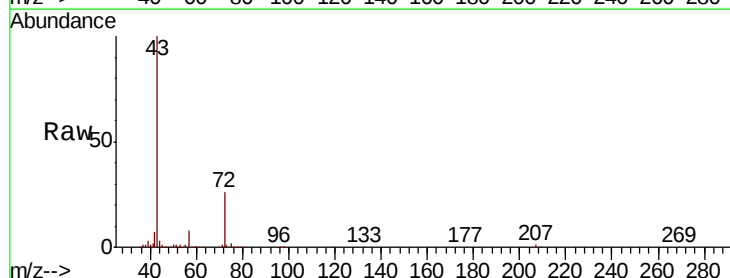
Tgt Ion: 43 Resp: 241297

Ion Ratio Lower Upper

43 100

57 8.6 6.3 9.5

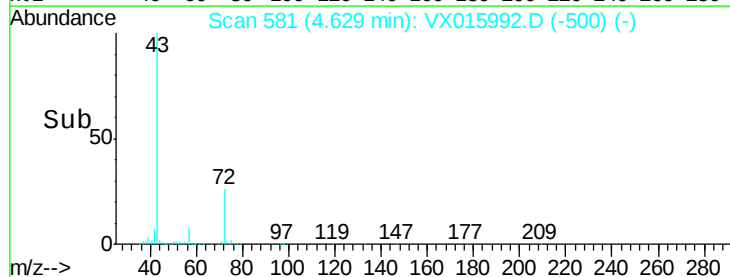
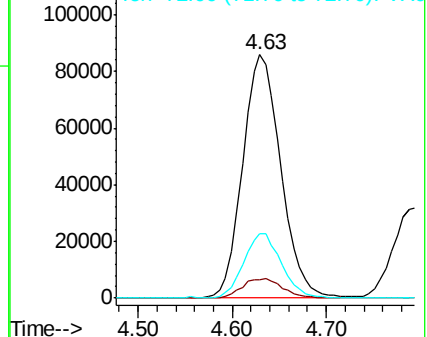
72 26.3 20.8 31.2

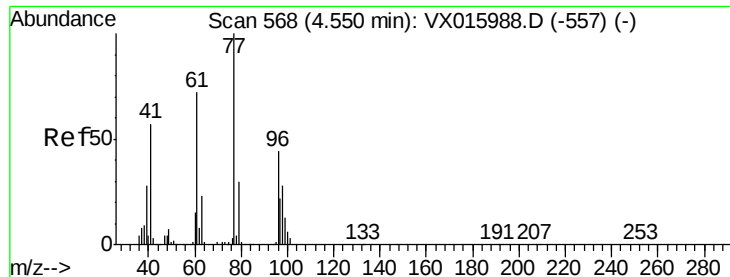


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 57.00 (56.70 to 57.70): VX0

Ion 72.00 (71.70 to 72.70): VX0





#31

2,2-Dichloropropane

Concen: 17.834 ug/l

RT: 4.55 min Scan# 568

Delta R.T. 0.00 min

Lab File: VX015992.D

Acq: 30 Apr 2020 13:32

Instrument :

MSVOA_X

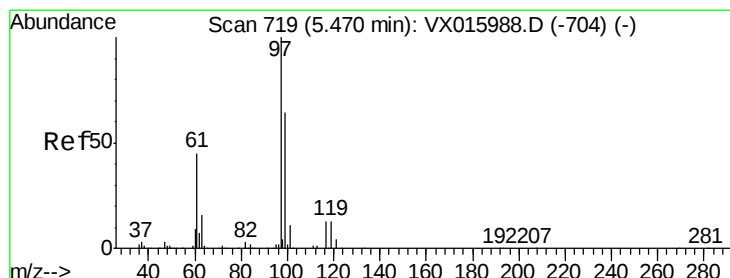
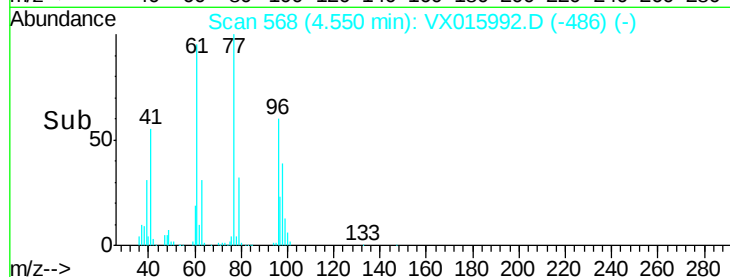
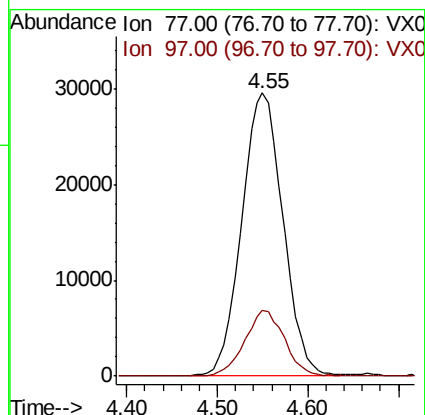
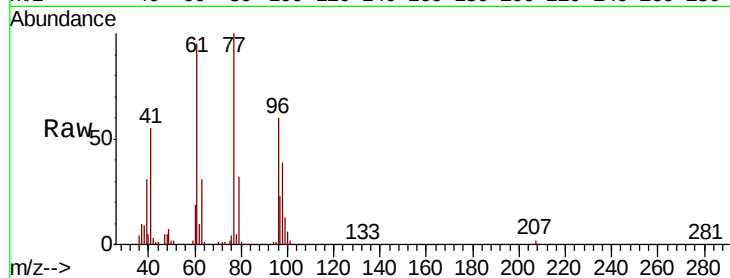
ClientSampleId :

Tot Ion: 77 Resp: 93018

Ion Ratio Lower Upper

77 100

97 22.3 17.8 26.8



#32

1,1,1-Trichloroethane

Concen: 17.728 ug/l

RT: 5.46 min Scan# 717

Delta R.T. -0.01 min

Lab File: VX015992.D

Acq: 30 Apr 2020 13:32

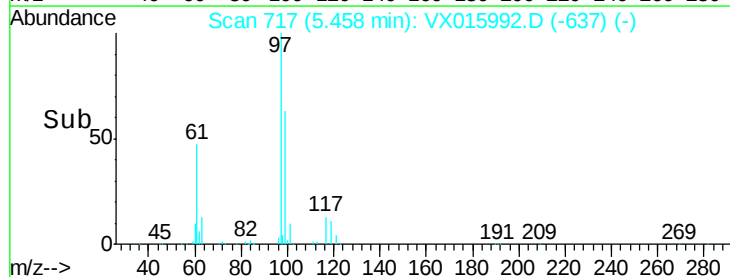
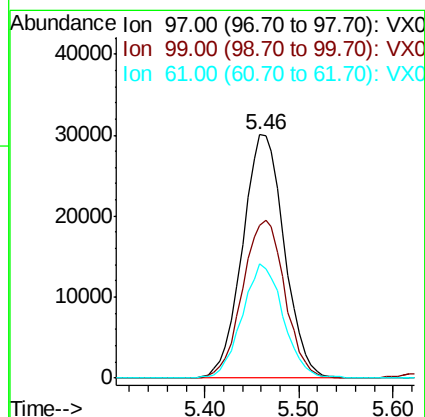
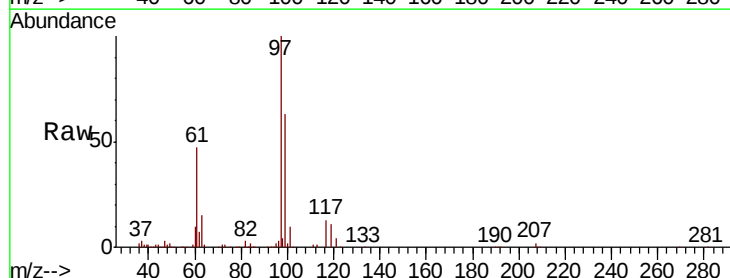
Tgt Ion: 97 Resp: 93203

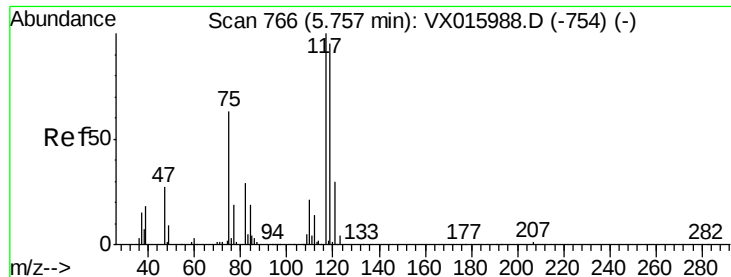
Ion Ratio Lower Upper

97 100

99 65.4 50.7 76.1

61 46.1 35.9 53.9





#33

Carbon Tetrachloride

Concen: 17.702 ug/l

RT: 5.75 min Scan# 765

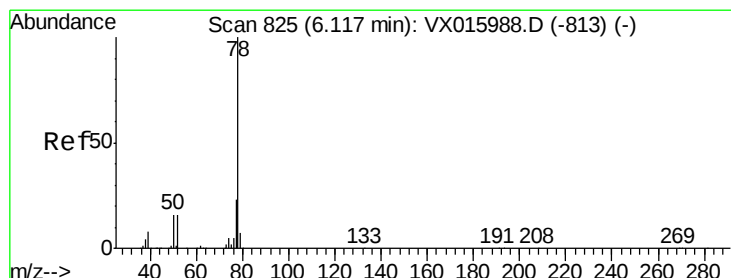
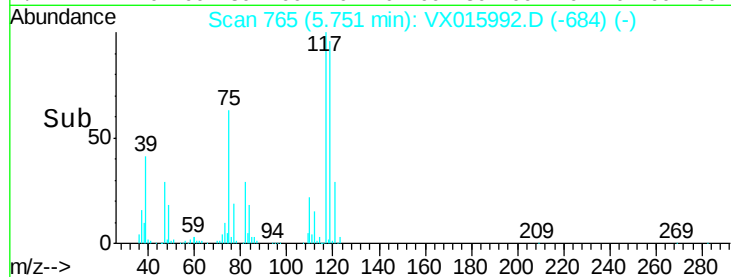
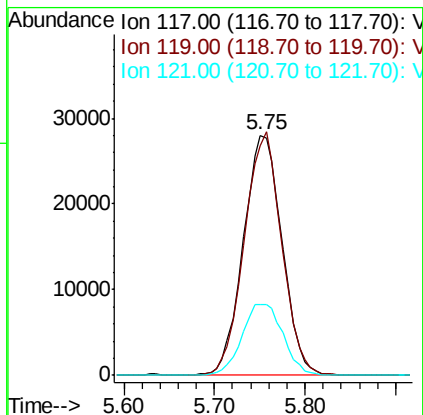
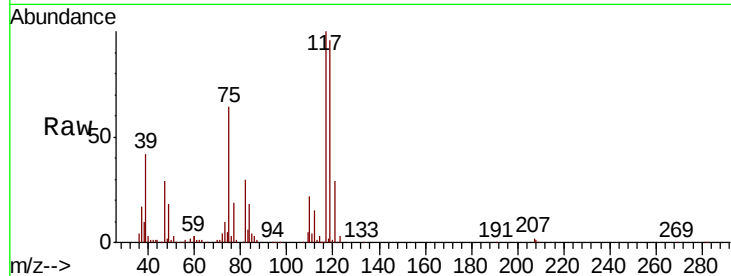
Delta R.T. -0.01 min

Lab File: VX015992.D

Acq: 30 Apr 2020 13:32

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:117	Resp:	82863	
Ion Ratio	Lower	Upper	
117	100		
119	95.7	76.3	114.5
121	29.4	24.2	36.4



#34

Benzene

Concen: 17.909 ug/l

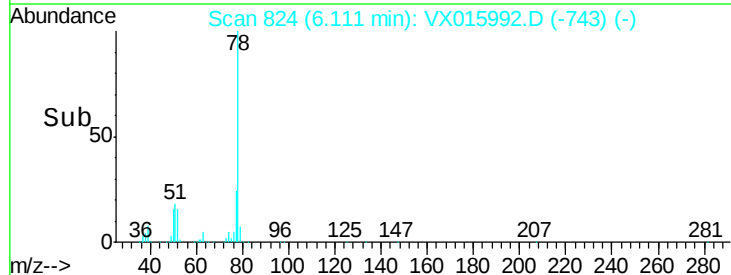
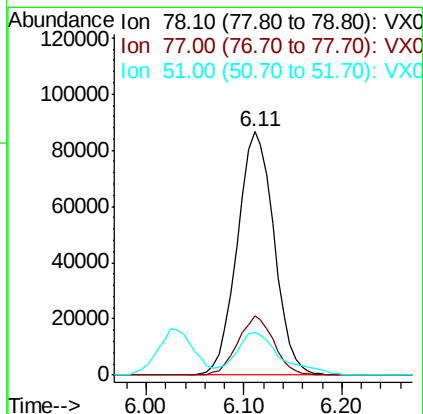
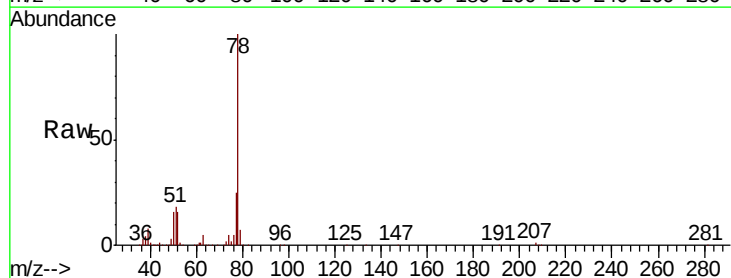
RT: 6.11 min Scan# 824

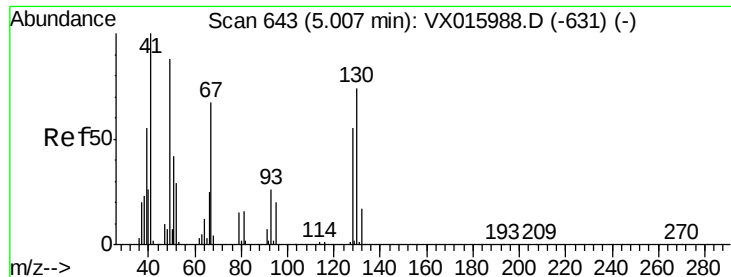
Delta R.T. -0.01 min

Lab File: VX015992.D

Acq: 30 Apr 2020 13:32

Tgt Ion	78	Resp: Lower	226703
Ion	Ratio	Upper	
78	100		
77	24.6	18.7	28.1
51	17.1	12.7	19.1

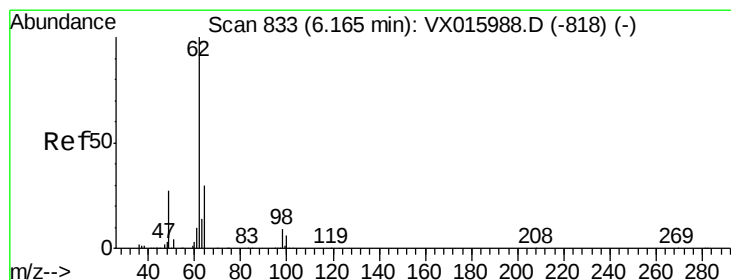
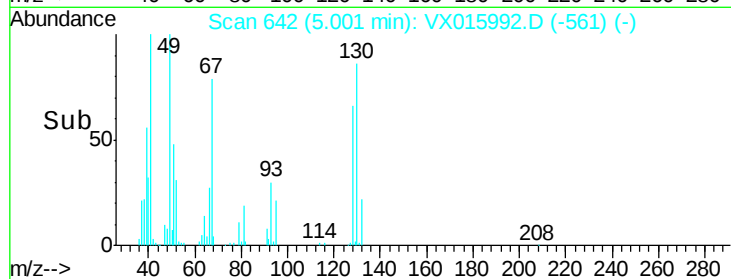
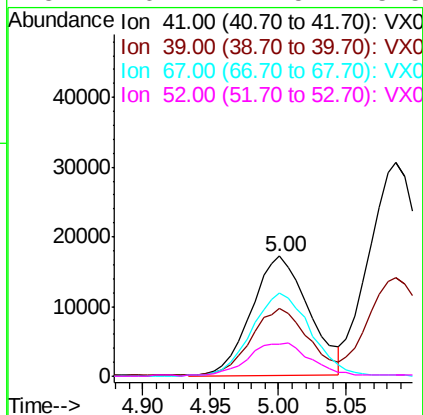
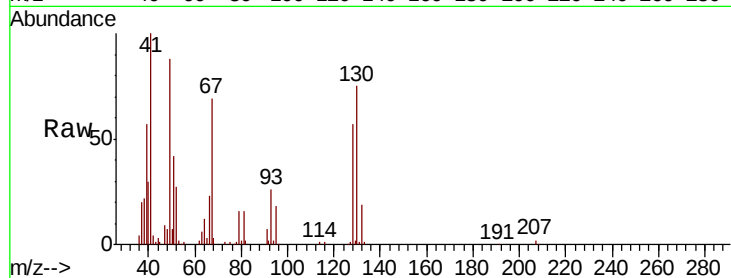




#35
Methacrylonitrile
Concen: 18.477 ug/l
RT: 5.00 min Scan# 642
Delta R.T. -0.01 min
Lab File: VX015992.D
Acq: 30 Apr 2020 13:32

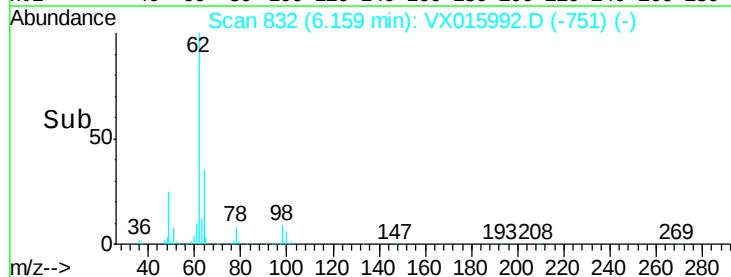
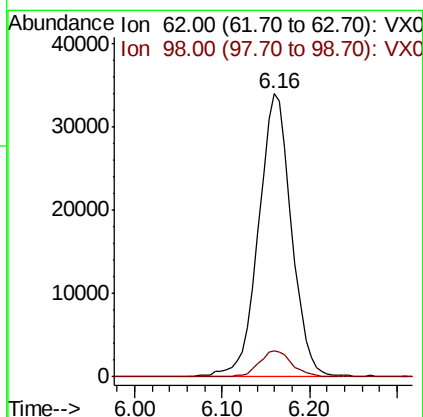
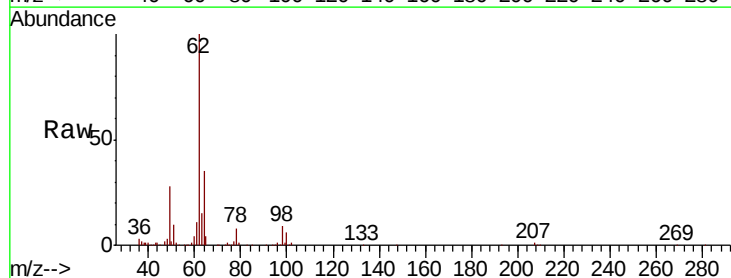
Instrument :
MSVOA_X
ClientSampled :

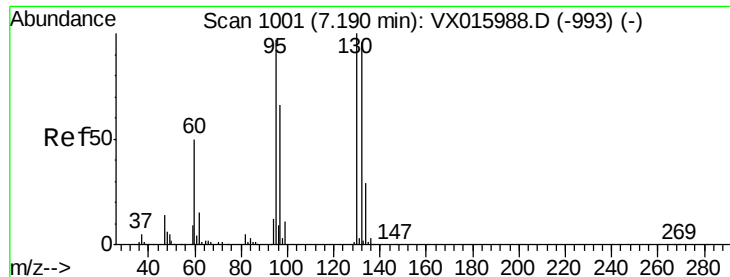
Tot Ion:	41	Resp:	50673
Ion	Ratio	Lower	Upper
41	100		
39	56.3	27.5	82.4
67	68.9	33.6	100.6
52	26.7	14.5	43.5



#36
1,2-Dichloroethane
Concen: 18.451 ug/l
RT: 6.16 min Scan# 832
Delta R.T. -0.01 min
Lab File: VX015992.D
Acq: 30 Apr 2020 13:32

Tgt Ion:	62	Resp:	89200
Ion	Ratio	Lower	Upper
62	100		
98	9.0	7.4	11.2

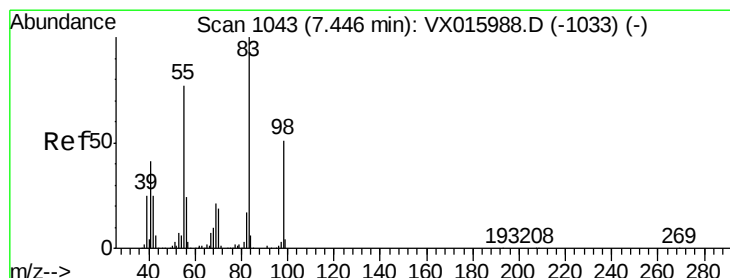
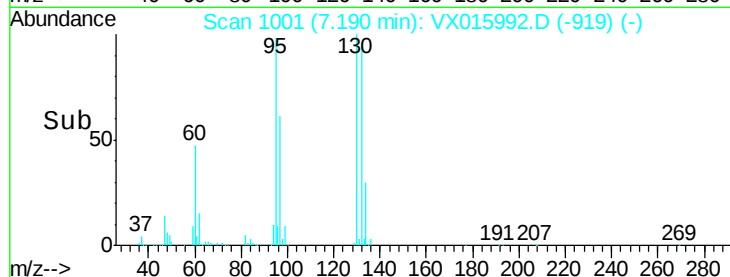
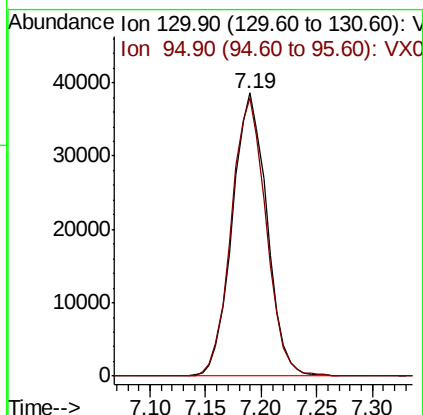
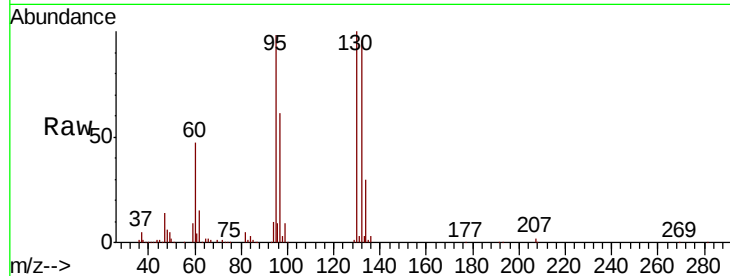




#37
 Trichloroethene
 Concen: 18.502 ug/l
 RT: 7.19 min Scan# 1001
 Delta R.T. 0.00 min
 Lab File: VX015992.D
 Acq: 30 Apr 2020 13:32

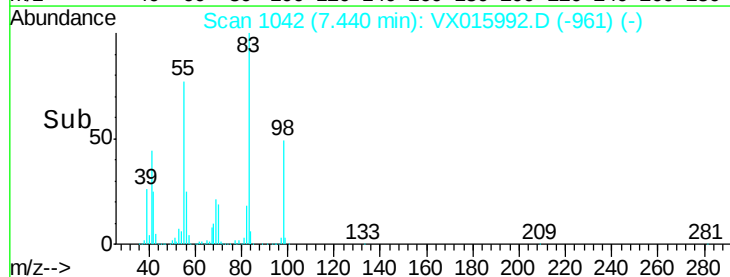
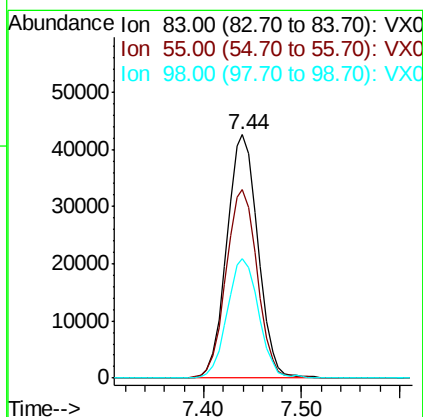
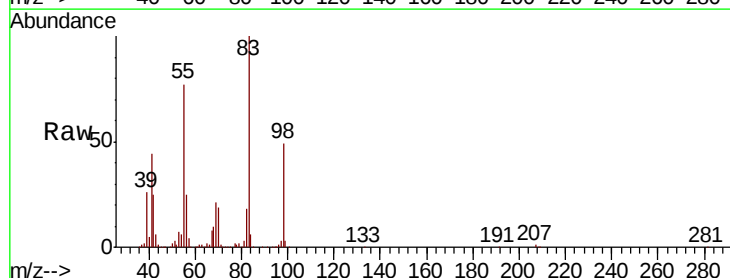
Instrument :
 MSVOA_X
 ClientSampleId :

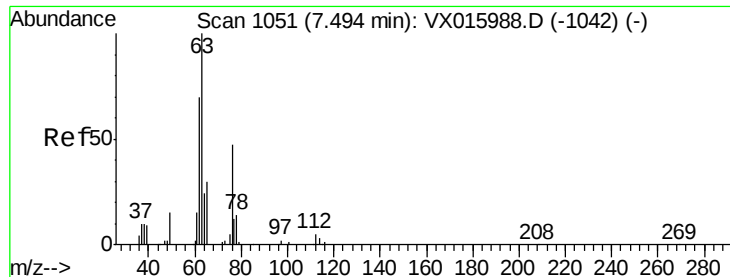
Tot Ion:130 Resp: 83322
 Ion Ratio Lower Upper
 130 100
 95 98.3 77.8 116.8



#38
 Methylcyclohexane
 Concen: 17.799 ug/l
 RT: 7.44 min Scan# 1042
 Delta R.T. -0.01 min
 Lab File: VX015992.D
 Acq: 30 Apr 2020 13:32

Tgt Ion: 83 Resp: 94270
 Ion Ratio Lower Upper
 83 100
 55 77.1 38.8 116.4
 98 49.8 25.1 75.3





#39

1,2-Dichloropropane

Concen: 18.186 ug/l

RT: 7.49 min Scan# 1050

Delta R.T. -0.01 min

Lab File: VX015992.D

Acq: 30 Apr 2020 13:32

Instrument :

MSVOA_X

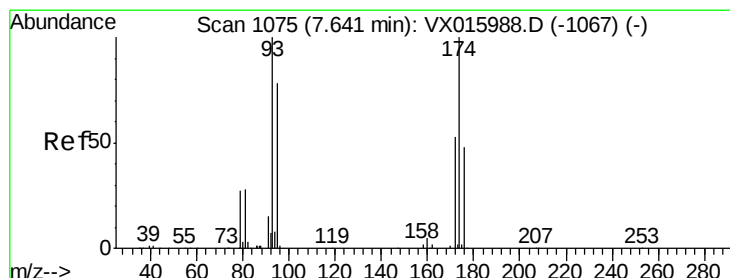
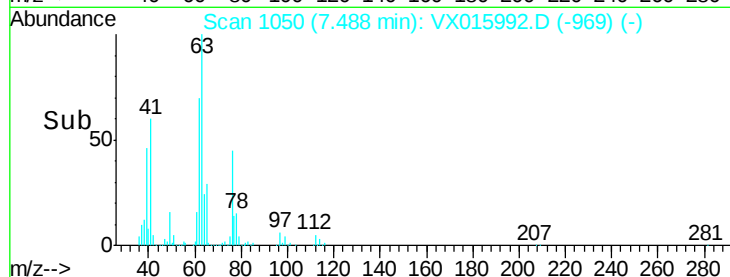
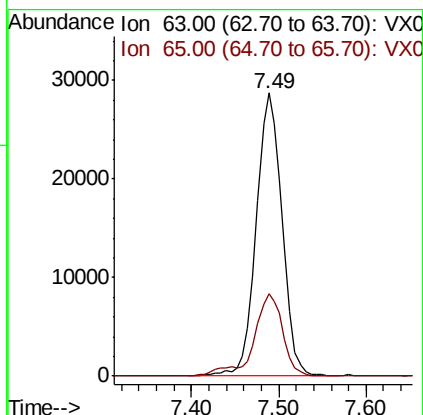
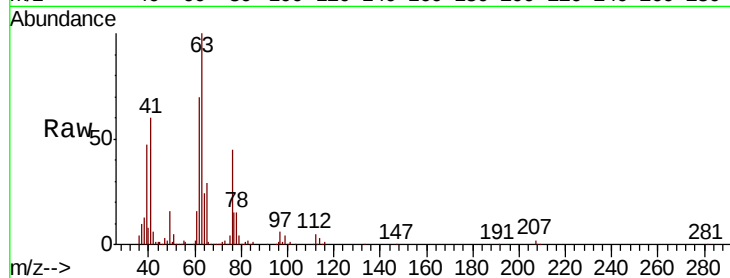
ClientSampleId :

Tot Ion: 63 Resp: 59097

Ion Ratio Lower Upper

63 100

65 29.0 25.9 38.9



#40

Dibromomethane

Concen: 18.545 ug/l

RT: 7.64 min Scan# 1075

Delta R.T. 0.00 min

Lab File: VX015992.D

Acq: 30 Apr 2020 13:32

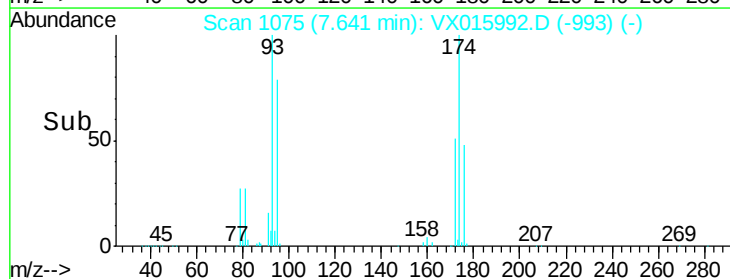
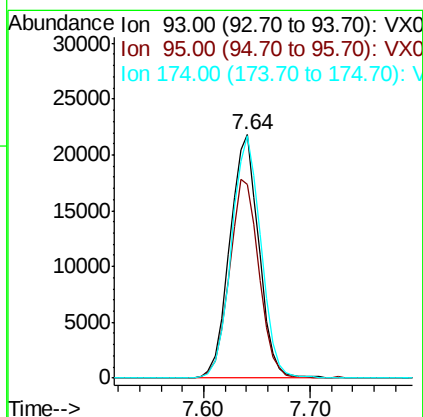
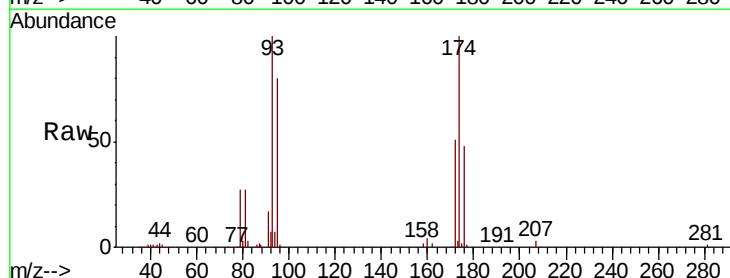
Tgt Ion: 93 Resp: 41845

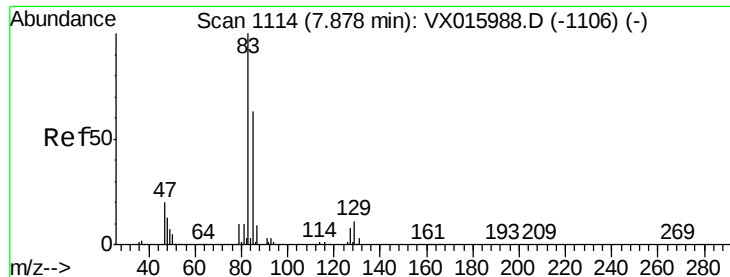
Ion Ratio Lower Upper

93 100

95 82.7 0.0 162.8

174 100.8 0.0 204.0





#41

Bromodichloromethane

Concen: 17.618 ug/l

RT: 7.87 min Scan# 1113

Delta R.T. -0.01 min

Lab File: VX015992.D

Acq: 30 Apr 2020 13:32

Instrument :
MSVOA_X
ClientSampleId :

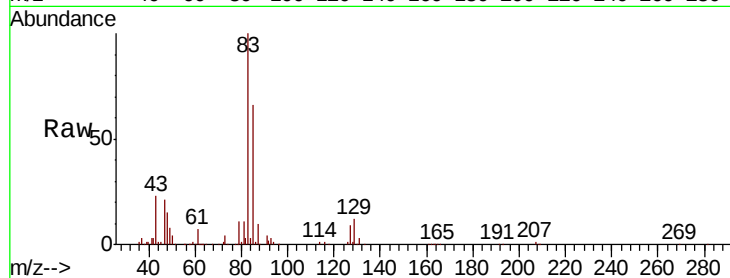
Tot Ion: 83 Resp: 81955

Ion Ratio Lower Upper

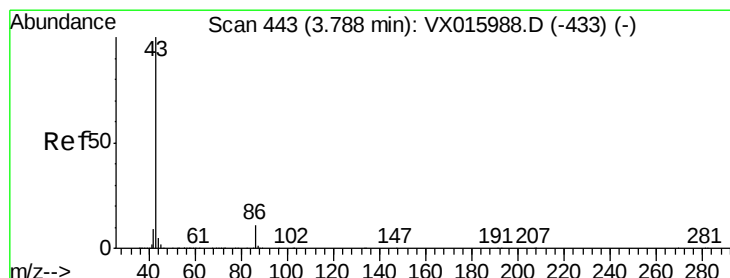
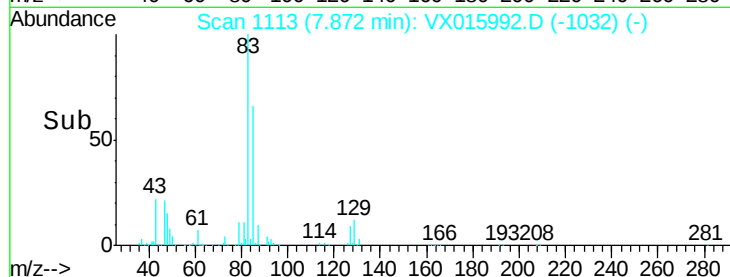
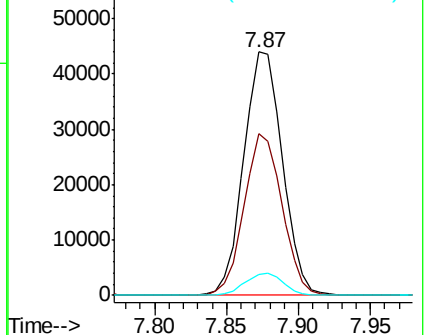
83 100

85 66.2 50.4 75.6

127 8.5 6.7 10.1



Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 85.00 (84.70 to 85.70): VX0
Ion 127.00 (126.70 to 127.70): V



#42

Vinyl Acetate

Concen: 91.867 ug/l

RT: 3.78 min Scan# 442

Delta R.T. -0.01 min

Lab File: VX015992.D

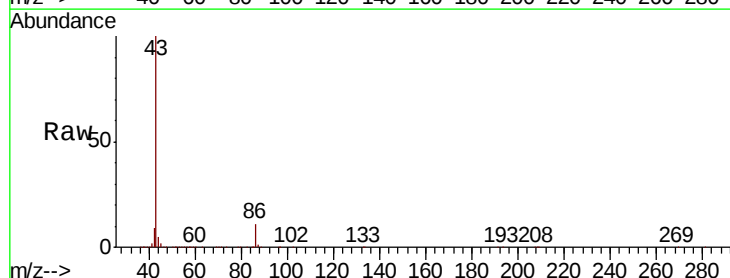
Acq: 30 Apr 2020 13:32

Tgt Ion: 43 Resp: 784881

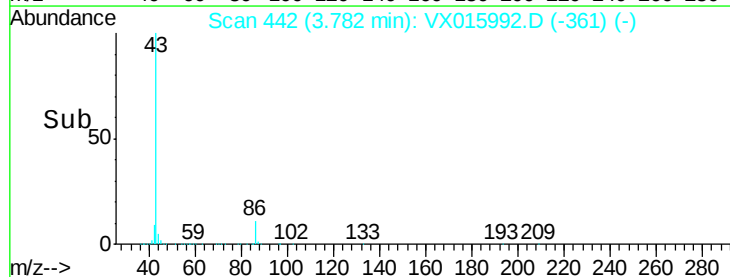
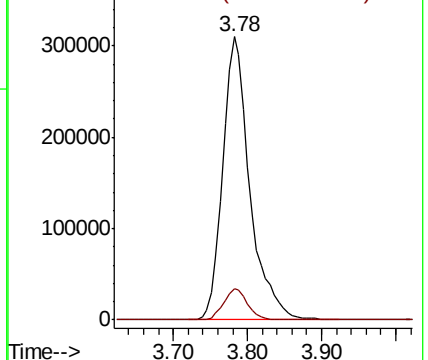
Ion Ratio Lower Upper

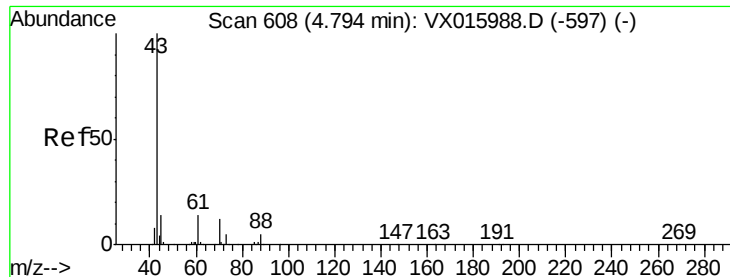
43 100

86 9.7 7.7 11.5



Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 86.00 (85.70 to 86.70): VX0

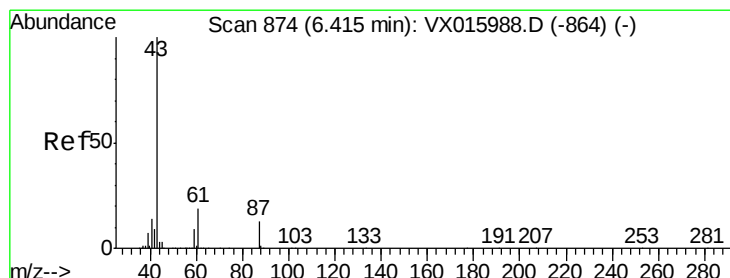
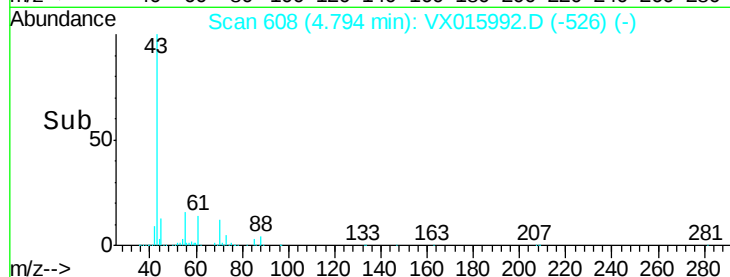
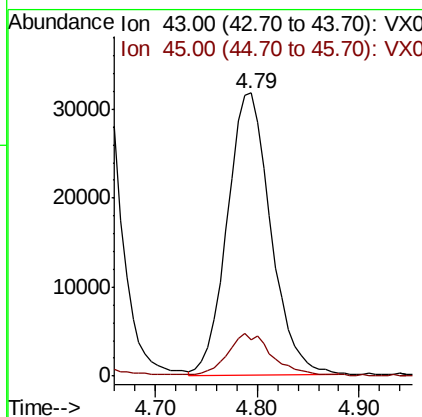
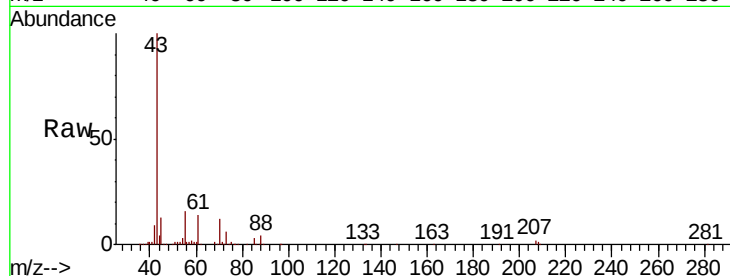




#43
Ethyl Acetate
Concen: 18.412 ug/l
RT: 4.79 min Scan# 608
Delta R.T. 0.00 min
Lab File: VX015992.D
Acq: 30 Apr 2020 13:32

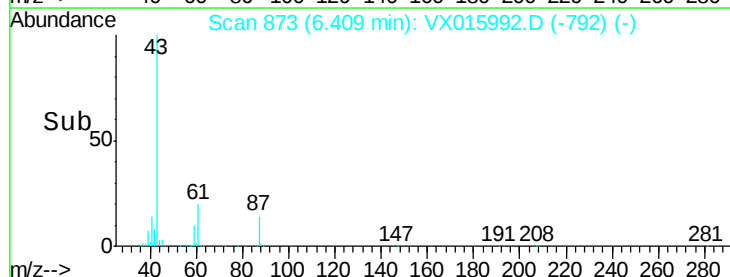
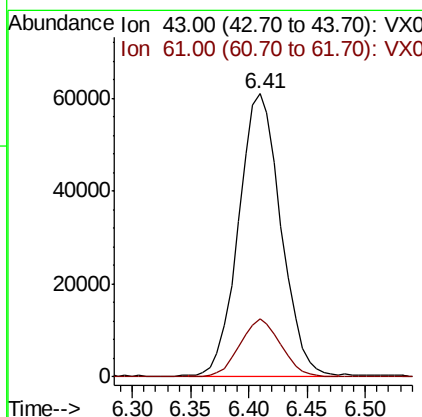
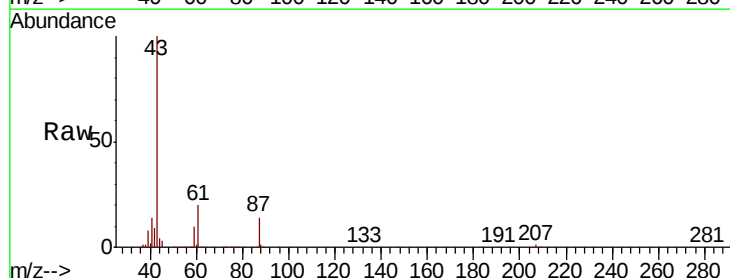
Instrument :
MSVOA_X
ClientSampleId :

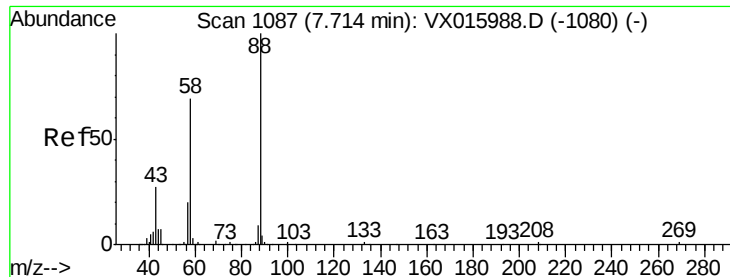
Tot Ion: 43 Resp: 93792
Ion Ratio Lower Upper
43 100
45 14.0 11.9 17.9



#44
Isopropyl Acetate
Concen: 18.491 ug/l
RT: 6.41 min Scan# 873
Delta R.T. -0.01 min
Lab File: VX015992.D
Acq: 30 Apr 2020 13:32

Tgt Ion: 43 Resp: 152854
Ion Ratio Lower Upper
43 100
61 20.1 16.1 24.1

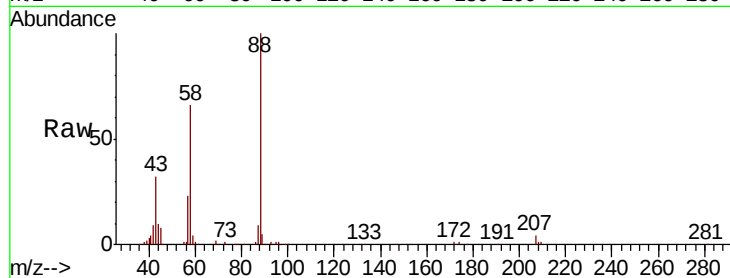




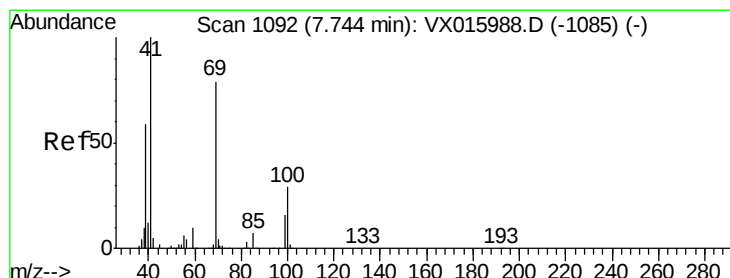
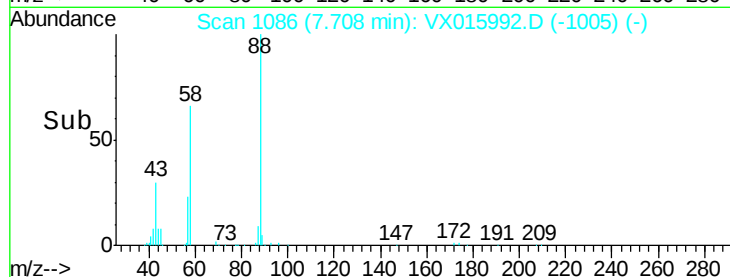
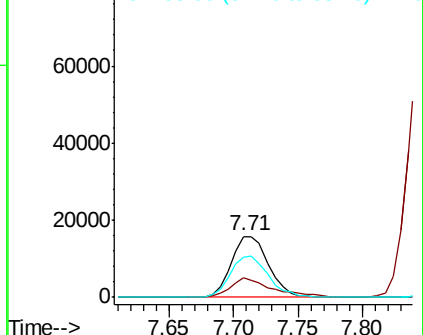
#45
1,4-Dioxane
Concen: 366.552 ug/l
RT: 7.71 min Scan# 1086
Delta R.T. -0.01 min
Lab File: VX015992.D
Acq: 30 Apr 2020 13:32

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
88	100		
43	33.8	26.3	39.5
58	69.7	57.0	85.6

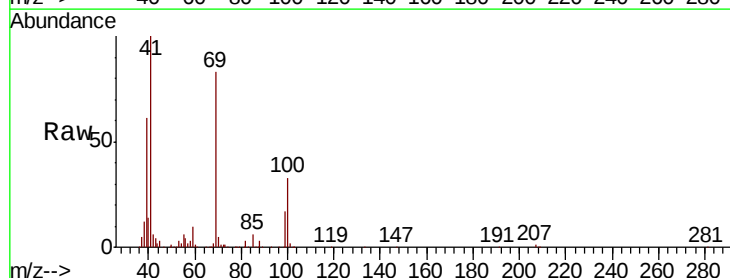


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

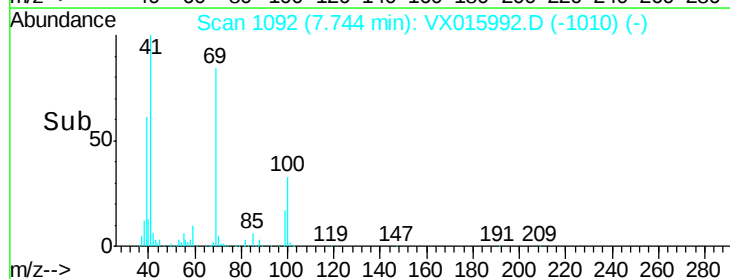
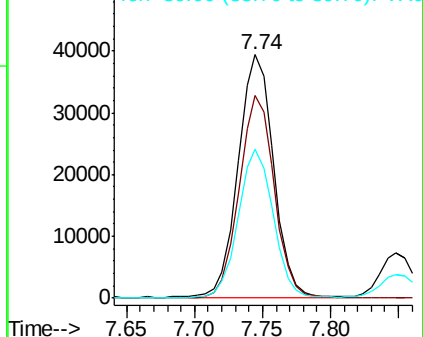


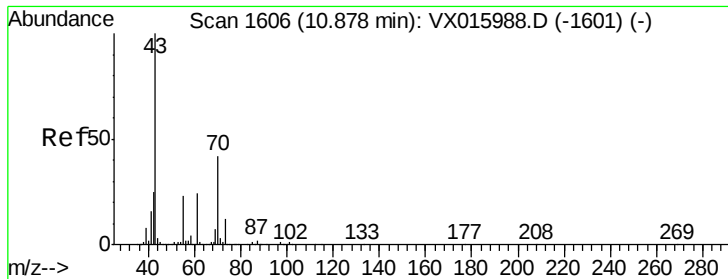
#46
Methyl methacrylate
Concen: 18.198 ug/l
RT: 7.74 min Scan# 1092
Delta R.T. 0.00 min
Lab File: VX015992.D
Acq: 30 Apr 2020 13:32

Tgt Ion	Ratio	Lower	Upper
41	100		
69	83.7	39.5	118.5
39	61.3	29.6	88.9



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





#47

n-amvl Acetate

Concen: 17.580 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. 0.00 min

Lab File: VX015992.D

Acq: 30 Apr 2020 13:32

Instrument :

MSVOA_X

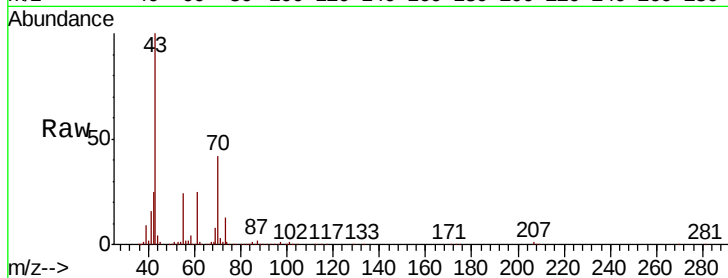
ClientSampleId :

Tot Ion: 43 Resp: 127074

Ion Ratio Lower Upper

43 100

55 24.3 19.0 28.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

10.88

120000

100000

80000

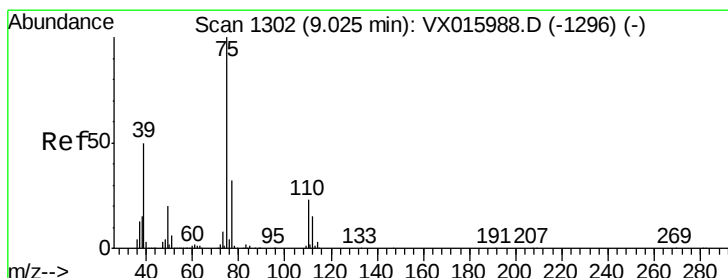
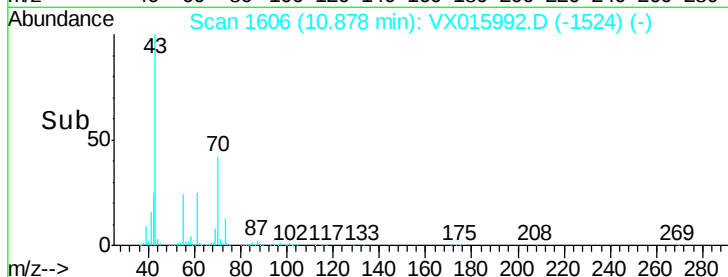
60000

40000

20000

0

Time-->



#48

t-1,3-Dichloropropene

Concen: 17.757 ug/l

RT: 9.02 min Scan# 1302

Delta R.T. 0.00 min

Lab File: VX015992.D

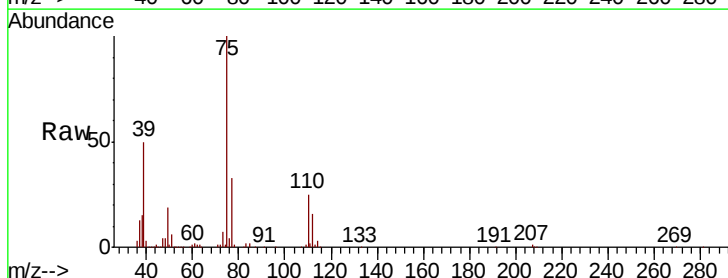
Acq: 30 Apr 2020 13:32

Tgt Ion: 75 Resp: 95915

Ion Ratio Lower Upper

75 100

77 33.1 25.8 38.8



Abundance Ion 75.00 (74.70 to 75.70): VX0

Ion 77.00 (76.70 to 77.70): VX0

9.02

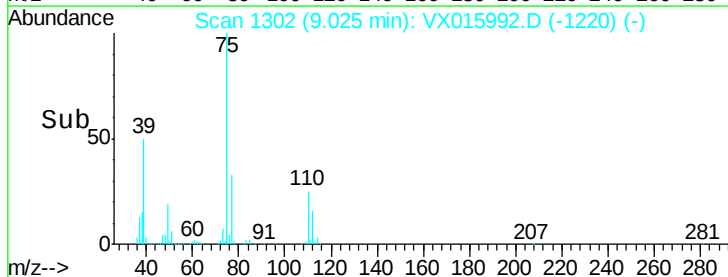
60000

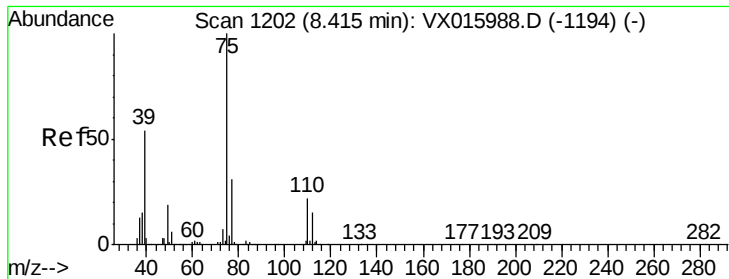
40000

20000

0

Time-->



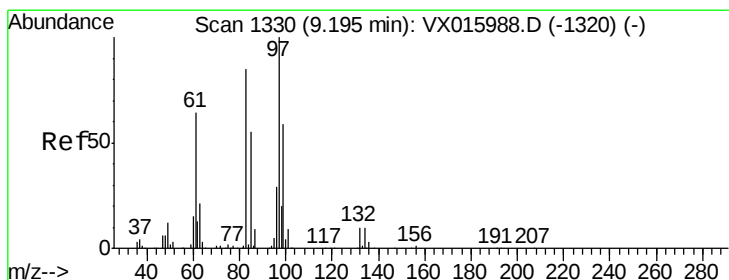
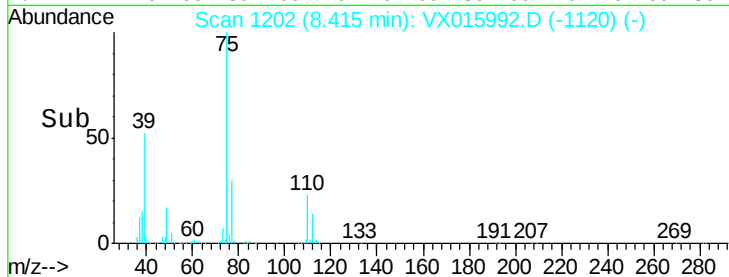
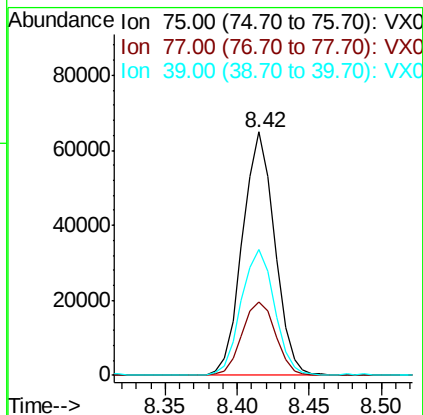
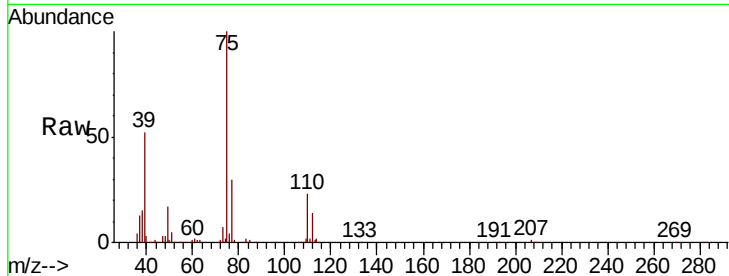


#49

cis-1,3-Dichloropropene
 Concen: 18.062 ug/l
 RT: 8.42 min Scan# 1202
 Delta R.T. 0.00 min
 Lab File: VX015992.D
 Acq: 30 Apr 2020 13:32

Instrument :
 MSVOA_X
 ClientSampleId :

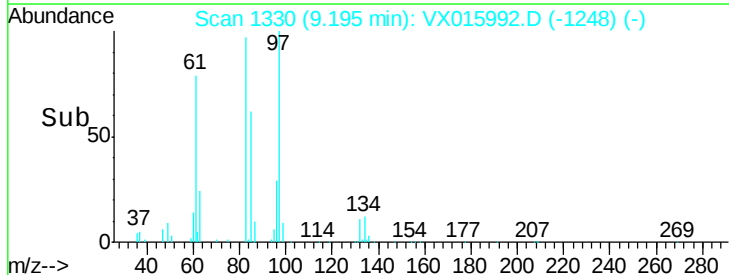
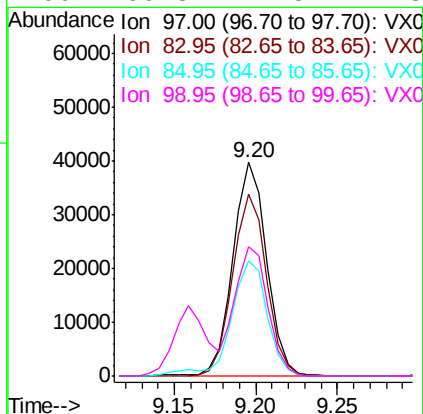
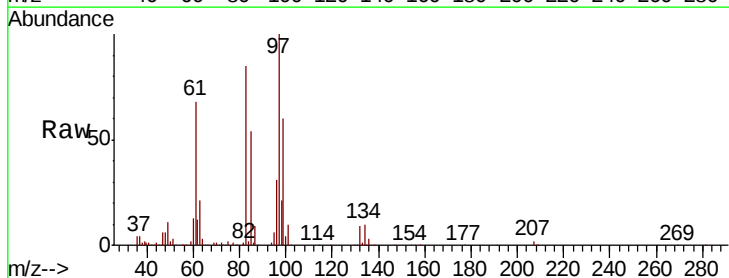
Tot Ion	Ratio	Lower	Upper
75	100		
77	29.9	25.0	37.6
39	51.6	43.2	64.8

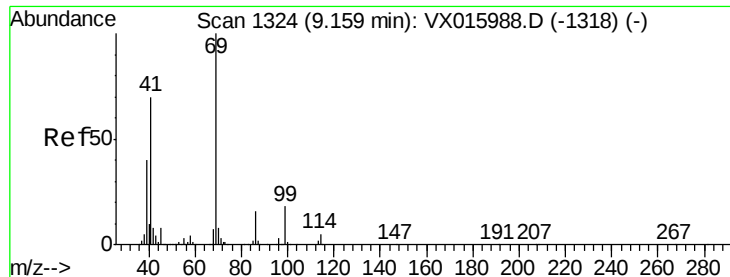


#50

1,1,2-Trichloroethane
 Concen: 17.940 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. 0.00 min
 Lab File: VX015992.D
 Acq: 30 Apr 2020 13:32

Tgt Ion	Ratio	Lower	Upper
97	100		
83	85.2	67.7	101.5
85	54.0	43.7	65.5
99	60.3	47.5	71.3





#51

Ethyl methacrylate

Concen: 17.830 ug/l

RT: 9.16 min Scan# 1324

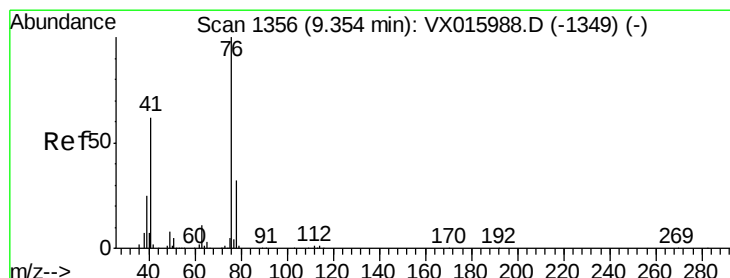
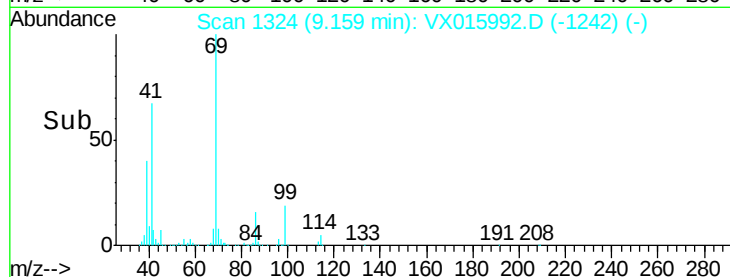
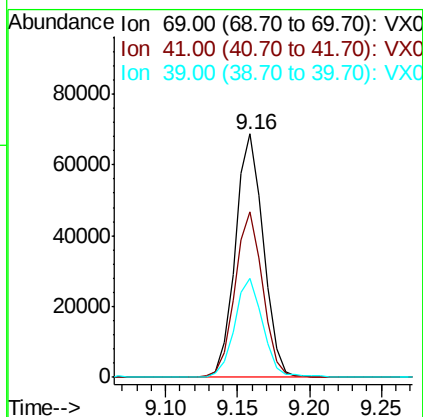
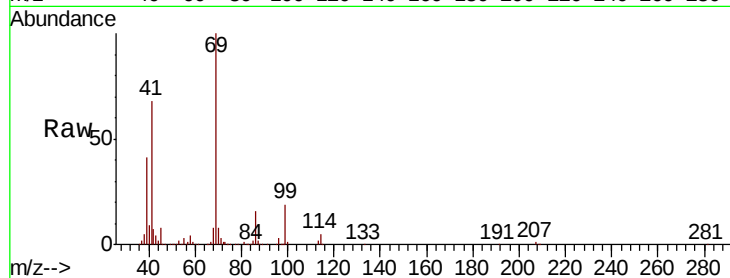
Delta R.T. 0.00 min

Lab File: VX015992.D

Acq: 30 Apr 2020 13:32

Instrument :
MSVOA_X
ClientSampled :

Tot Ion:	69	Resp:	93617
Ion	Ratio	Lower	Upper
69	100		
41	67.8	34.8	104.4
39	40.4	19.8	59.4



#52

1,3-Dichloropropane

Concen: 18.406 ug/l

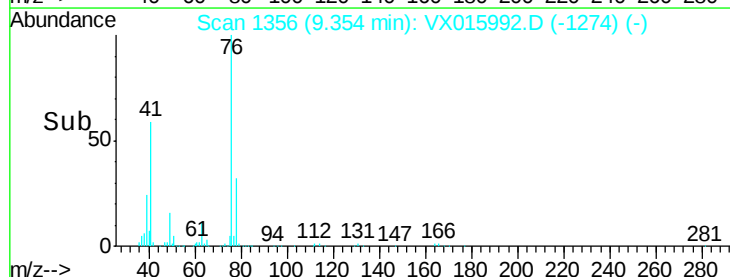
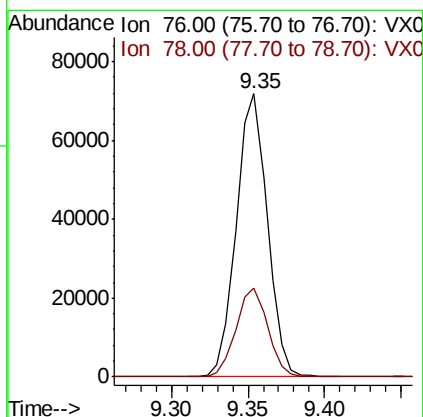
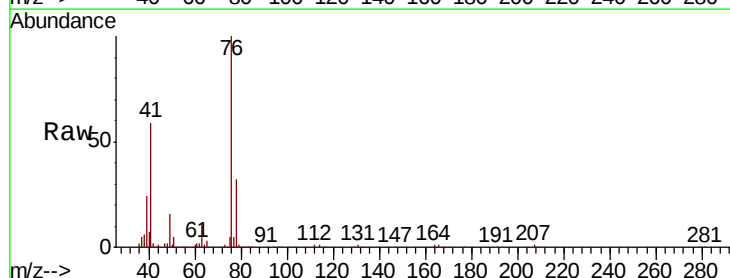
RT: 9.35 min Scan# 1356

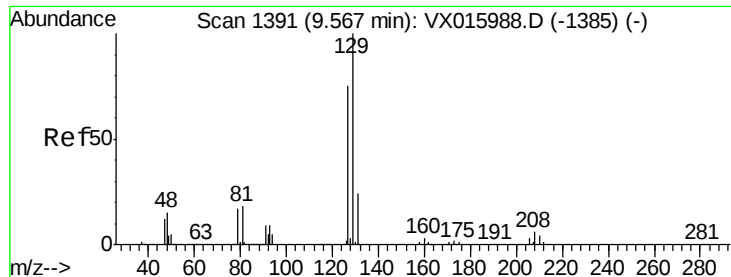
Delta R.T. 0.00 min

Lab File: VX015992.D

Acq: 30 Apr 2020 13:32

Tgt Ion:	76	Resp:	101171
Ion	Ratio	Lower	Upper
76	100		
78	32.1	0.0	64.2





#53

Dibromochloromethane

Concen: 17.728 ug/l

RT: 9.57 min Scan# 1391

Delta R.T. 0.00 min

Lab File: VX015992.D

Acq: 30 Apr 2020 13:32

Instrument :

MSVOA_X

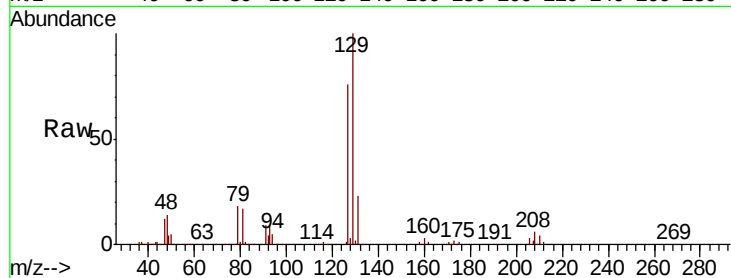
ClientSampleId :

Tot Ion:129 Resp: 64133

Ion Ratio Lower Upper

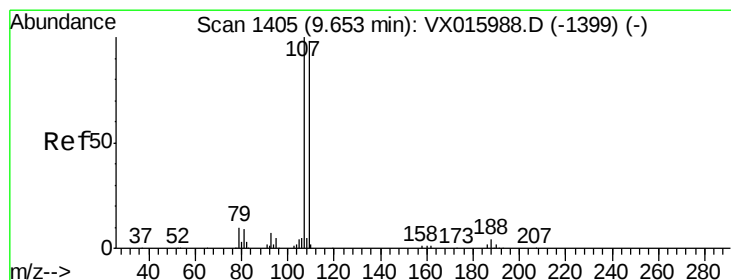
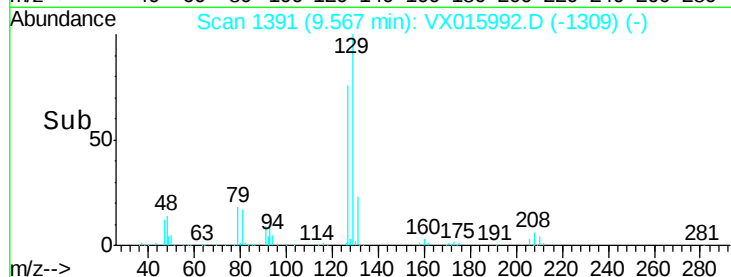
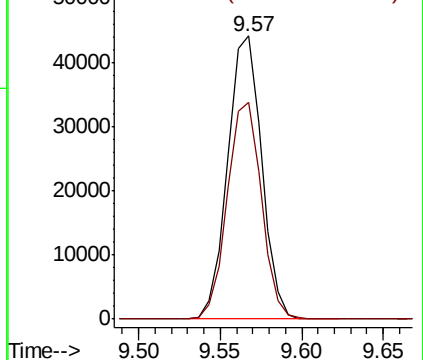
129 100

127 76.7 38.3 114.9



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V



#54

1,2-Dibromoethane

Concen: 18.049 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. 0.00 min

Lab File: VX015992.D

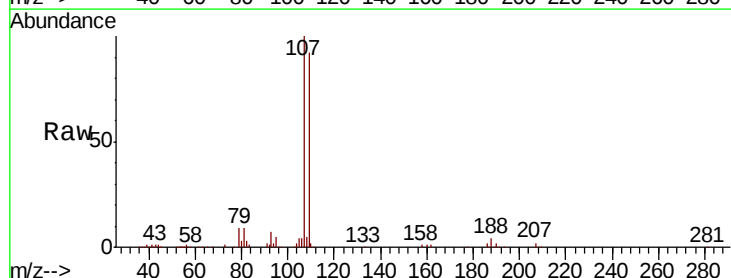
Acq: 30 Apr 2020 13:32

Tgt Ion:107 Resp: 63073

Ion Ratio Lower Upper

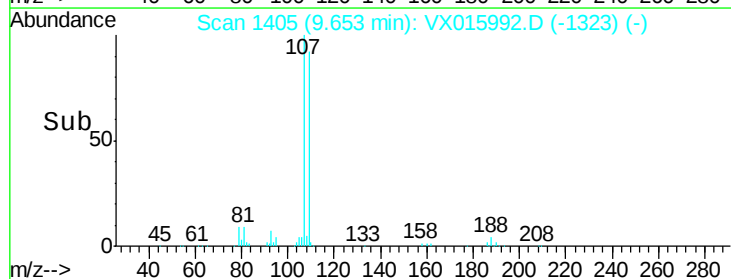
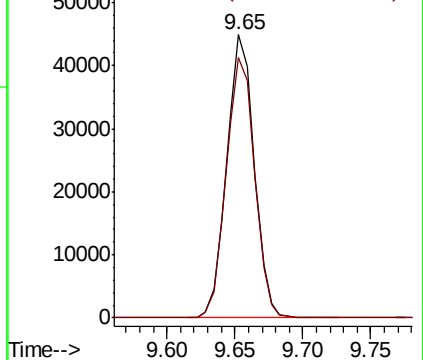
107 100

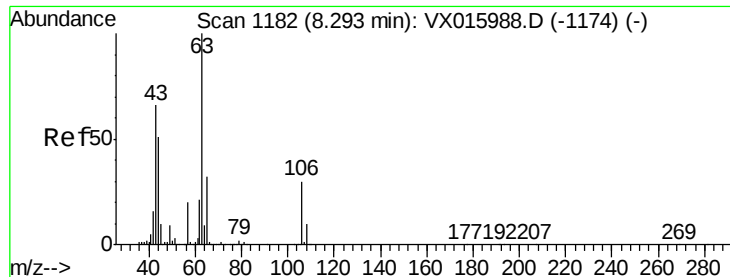
109 95.1 74.7 112.1



Abundance Ion 107.00 (106.70 to 107.70): V

Ion 109.00 (108.70 to 109.70): V





#55

2-Chloroethyl vinyl ether

Concen: 88.499 ug/l

RT: 8.29 min Scan# 1181

Delta R.T. -0.01 min

Lab File: VX015992.D

Acq: 30 Apr 2020 13:32

Instrument :

MSVOA_X

ClientSampleId :

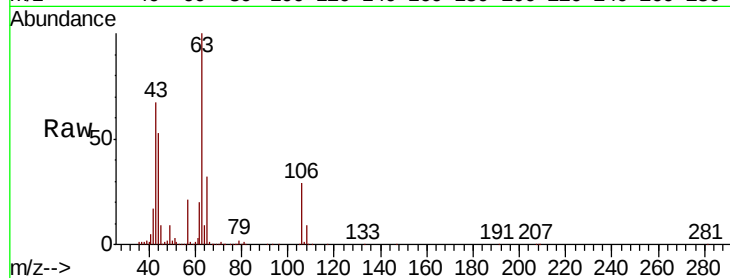
Tot Ion: 63 Resp: 252799

Ion Ratio Lower Upper

63 100

65 32.0 25.6 38.4

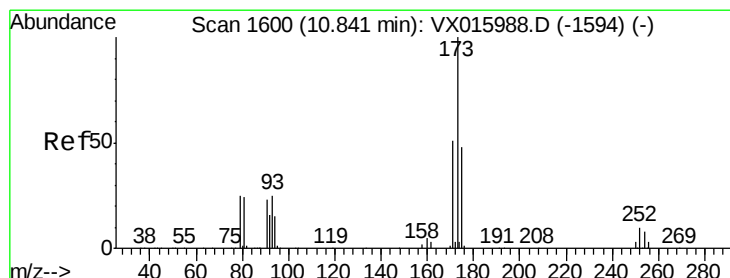
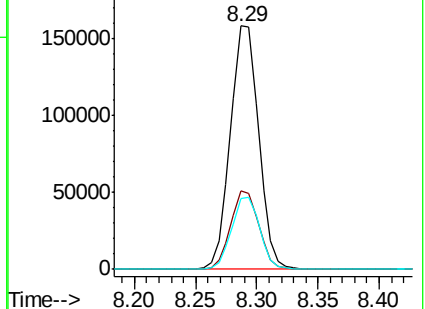
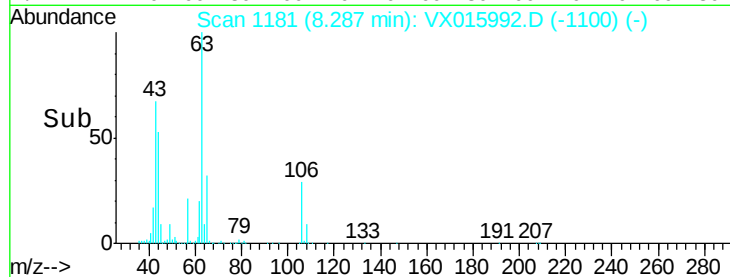
106 29.4 23.4 35.0



Abundance Ion 63.00 (62.70 to 63.70): VX015988.D (-1174) (-)

Ion 65.00 (64.70 to 65.70): VX015988.D (-1174) (-)

Ion 106.00 (105.70 to 106.70): VX015988.D (-1174) (-)



#56

Bromoform

Concen: 16.840 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. 0.00 min

Lab File: VX015992.D

Acq: 30 Apr 2020 13:32

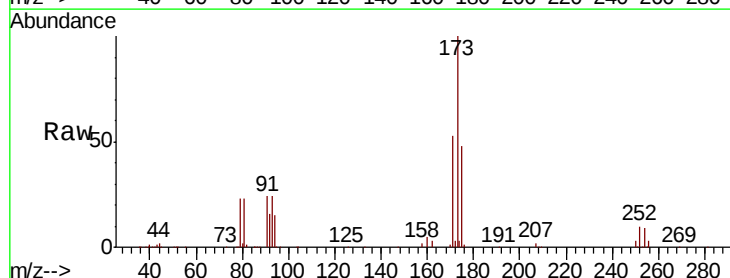
Tgt Ion: 173 Resp: 45901

Ion Ratio Lower Upper

173 100

175 49.5 38.0 57.0

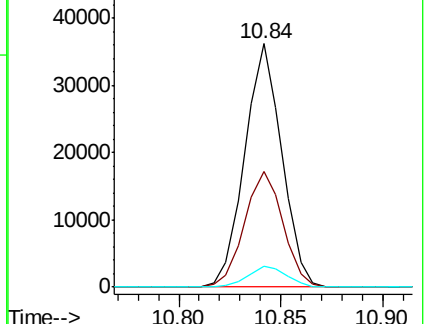
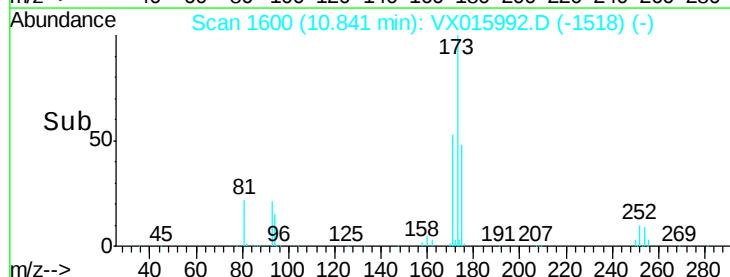
254 9.1 6.8 10.2



Abundance Ion 173.00 (172.70 to 173.70): VX015988.D (-1594) (-)

Ion 175.00 (174.70 to 175.70): VX015988.D (-1594) (-)

Ion 254.00 (253.70 to 254.70): VX015988.D (-1594) (-)

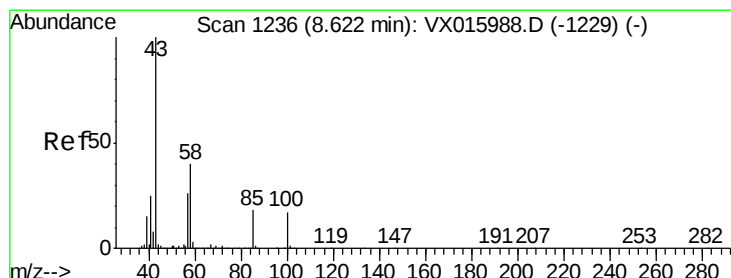
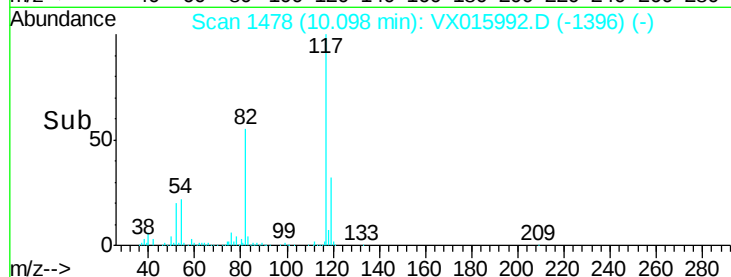
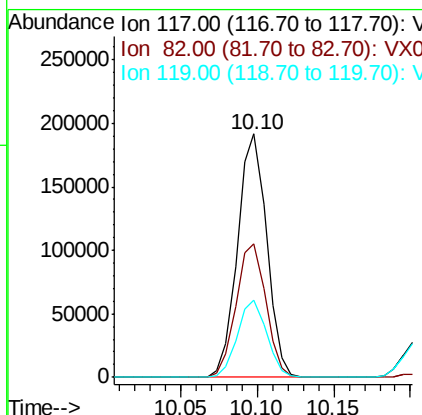
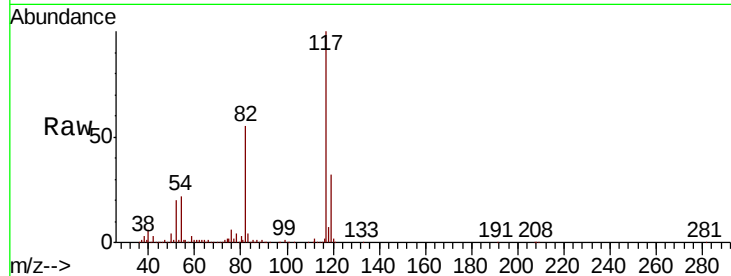




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. 0.00 min
Lab File: VX015992.D
Acq: 30 Apr 2020 13:32

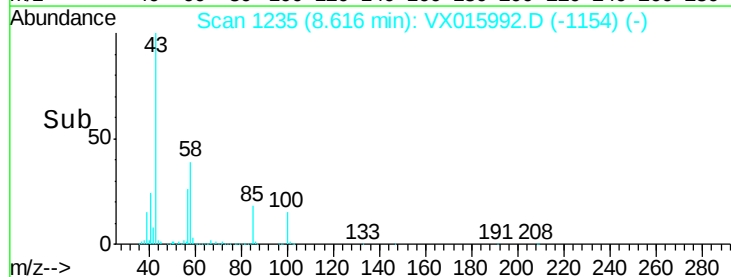
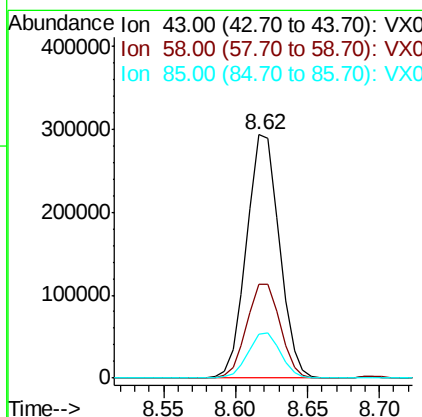
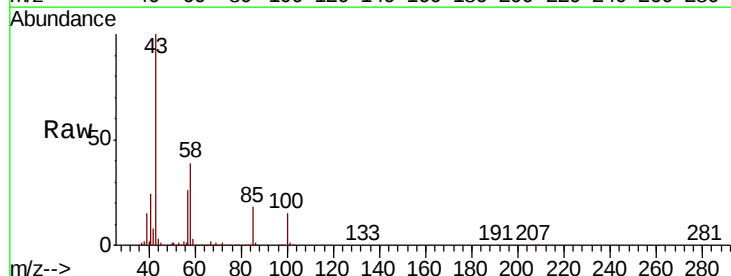
Instrument :
MSVOA_X
ClientSampled :

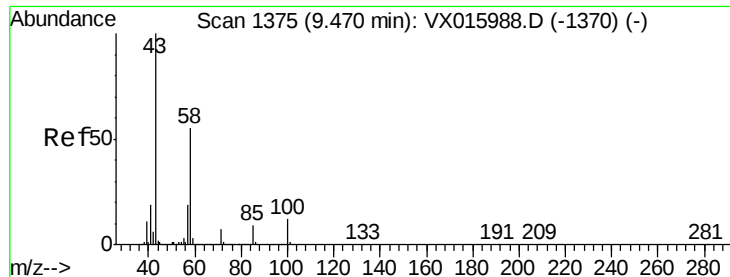
Tot Ion:117 Resp: 253759
Ion Ratio Lower Upper
117 100
82 56.0 45.1 67.7
119 32.0 25.6 38.4



#58
4-Methyl-2-Pentanone
Concen: 92.408 ug/l
RT: 8.62 min Scan# 1235
Delta R.T. -0.01 min
Lab File: VX015992.D
Acq: 30 Apr 2020 13:32

Tgt Ion: 43 Resp: 462426
Ion Ratio Lower Upper
43 100
58 39.6 31.8 47.6
85 18.4 14.5 21.7

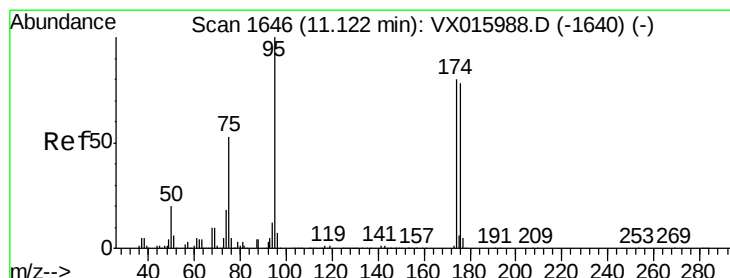
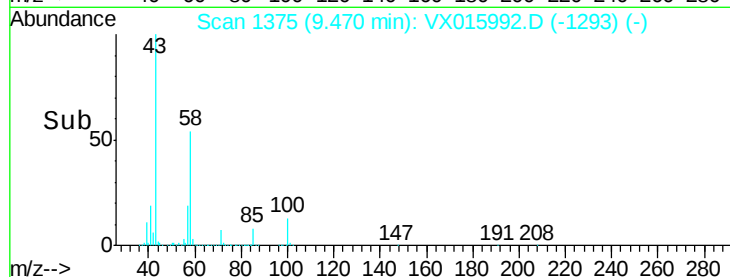
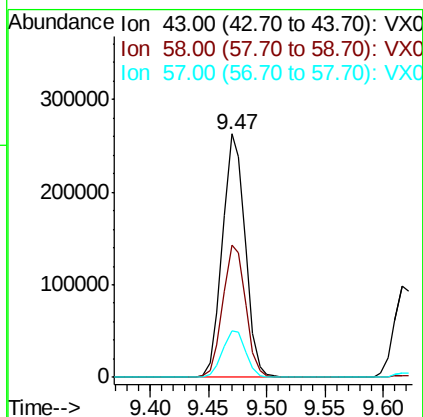
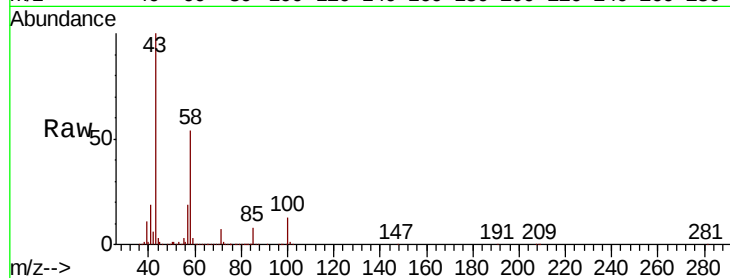




#59
2-Hexanone
Concen: 91.640 ug/l
RT: 9.47 min Scan# 1375
Delta R.T. 0.00 min
Lab File: VX015992.D
Acq: 30 Apr 2020 13:32

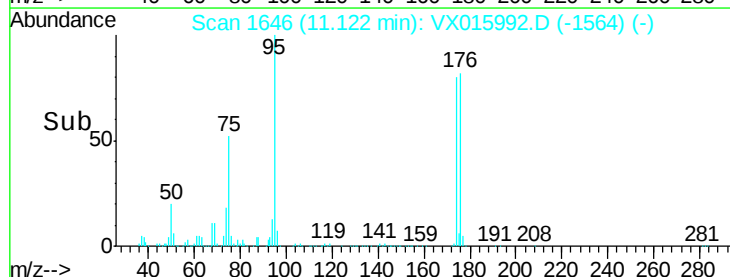
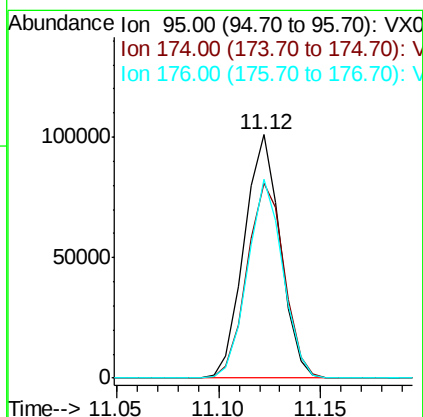
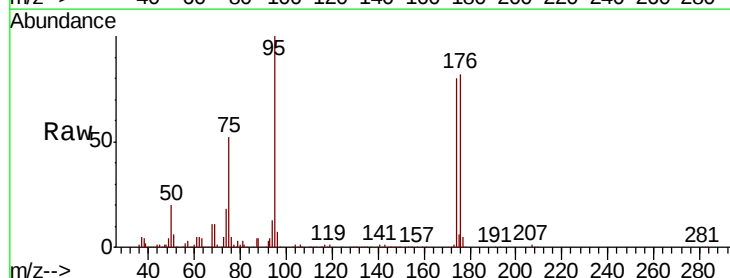
Instrument :
MSVOA_X
ClientSampleId :

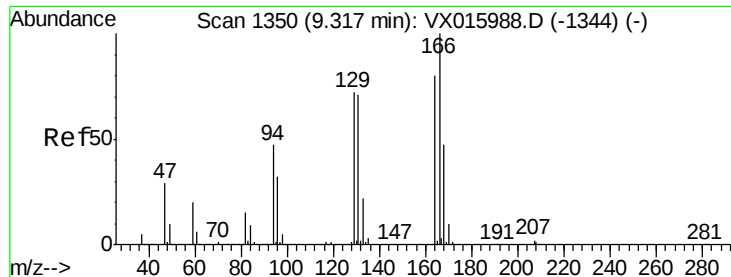
Tot Ion	Ratio	Lower	Upper
43	100		
58	54.8	44.0	66.0
57	19.5	15.5	23.3



#60
4-Bromofluorobenzene
Concen: 29.258 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. 0.00 min
Lab File: VX015992.D
Acq: 30 Apr 2020 13:32

Tgt Ion	Ratio	Lower	Upper
95	100		
174	82.6	64.8	97.2
176	79.6	62.4	93.6





#61

Tetrachloroethene

Concen: 18.464 ug/l

RT: 9.32 min Scan# 1350

Delta R.T. 0.00 min

Lab File: VX015992.D

Acq: 30 Apr 2020 13:32

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:164 Resp: 92681

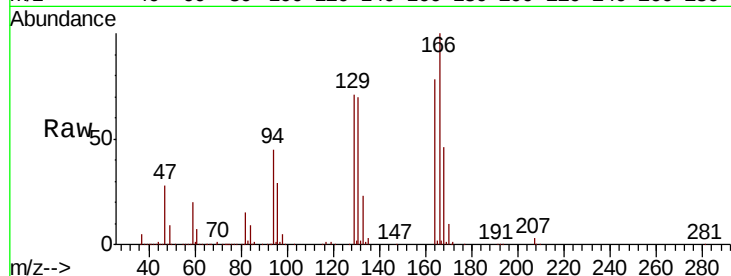
Ion Ratio Lower Upper

164 100

166 128.2 100.1 150.1

129 91.5 72.2 108.4

131 89.9 71.3 106.9

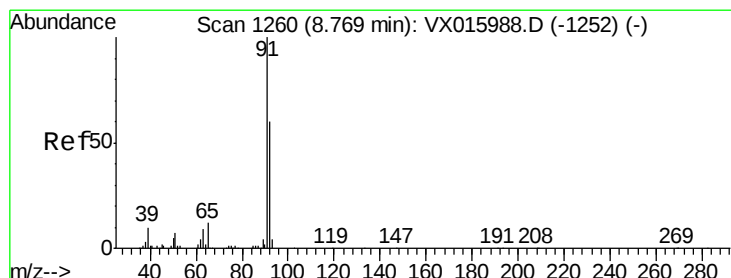
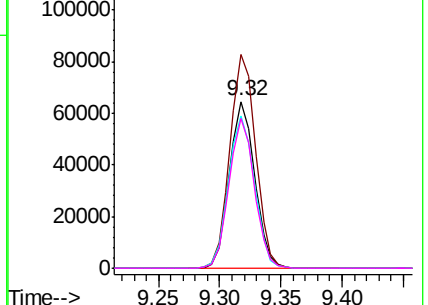
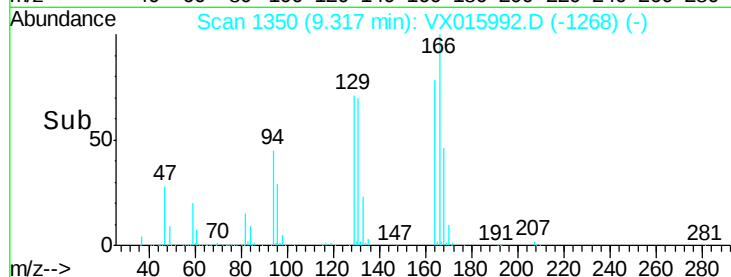


Abundance Ion 163.85 (163.55 to 164.55): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.90 (128.60 to 129.60): V

Ion 130.90 (130.60 to 131.60): V



#62

Toluene

Concen: 18.080 ug/l

RT: 8.76 min Scan# 1259

Delta R.T. -0.01 min

Lab File: VX015992.D

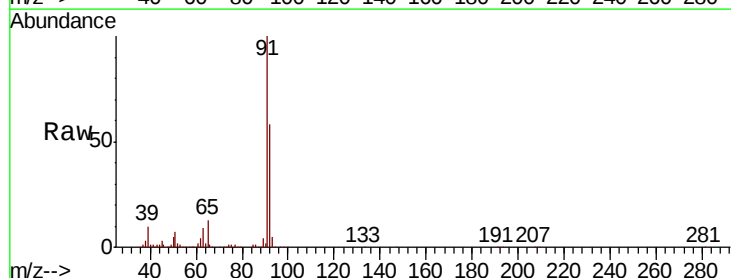
Acq: 30 Apr 2020 13:32

Tgt Ion: 91 Resp: 245113

Ion Ratio Lower Upper

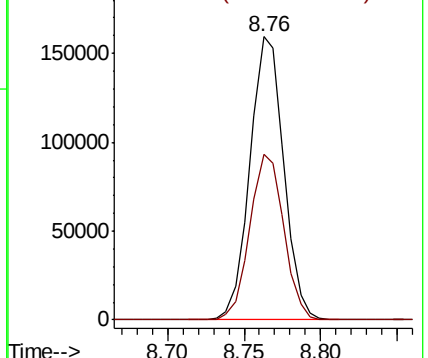
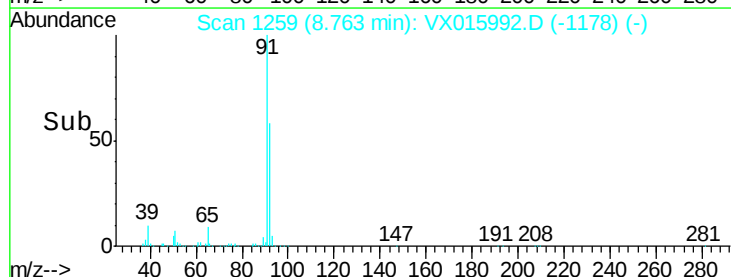
91 100

92 58.7 47.2 70.8



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 92.00 (91.70 to 92.70): VX0





#63

Toluene-d8

Concen: 30.389 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. 0.00 min

Lab File: VX015992.D

Acq: 30 Apr 2020 13:32

Instrument :

MSVOA_X

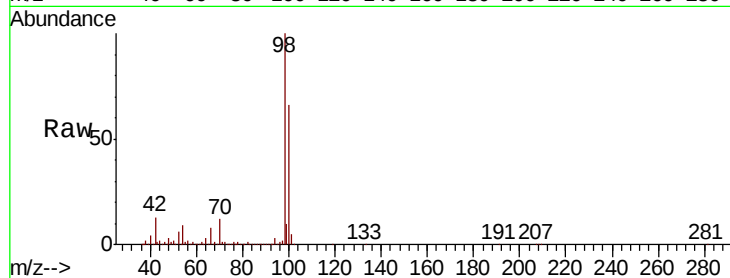
ClientSampleId :

Tot Ion: 98 Resp: 330811

Ion Ratio Lower Upper

98 100

100 65.7 52.5 78.7



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V

8.70

250000

200000

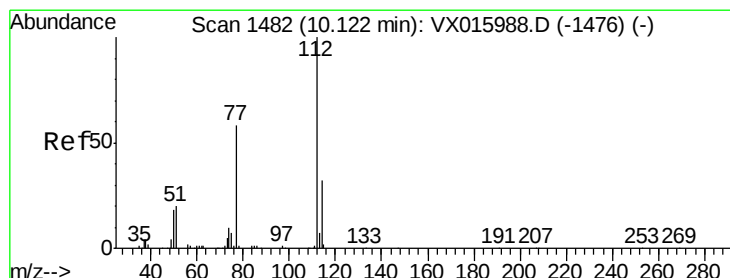
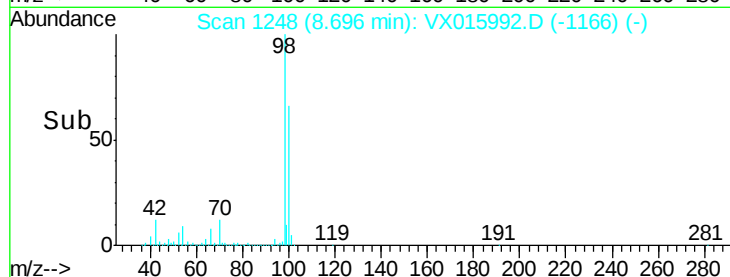
150000

100000

50000

0

Time-->



#64

Chlorobenzene

Concen: 17.847 ug/l

RT: 10.12 min Scan# 1482

Delta R.T. 0.00 min

Lab File: VX015992.D

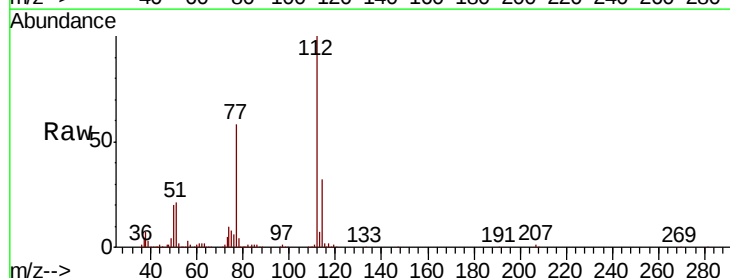
Acq: 30 Apr 2020 13:32

Tgt Ion: 112 Resp: 154053

Ion Ratio Lower Upper

112 100

114 31.7 25.8 38.6



Abundance Ion 112.00 (111.70 to 112.70): V

Ion 114.00 (113.70 to 114.70): V

10.12

120000

100000

80000

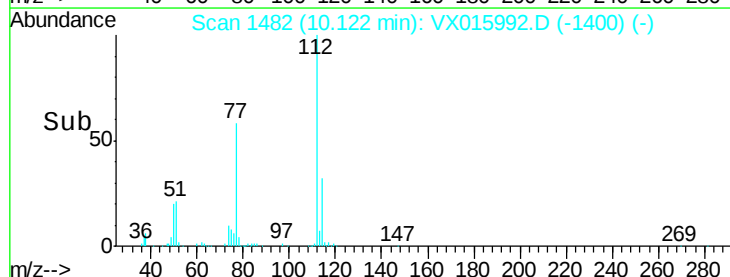
60000

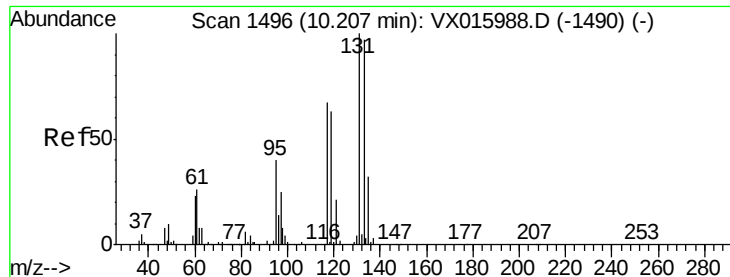
40000

20000

0

Time-->





#65

1,1,1,2-Tetrachloroethane

Concen: 17.852 ug/l

RT: 10.21 min Scan# 1496

Delta R.T. 0.00 min

Lab File: VX015992.D

Acq: 30 Apr 2020 13:32

Instrument :

MSVOA_X

ClientSampleId :

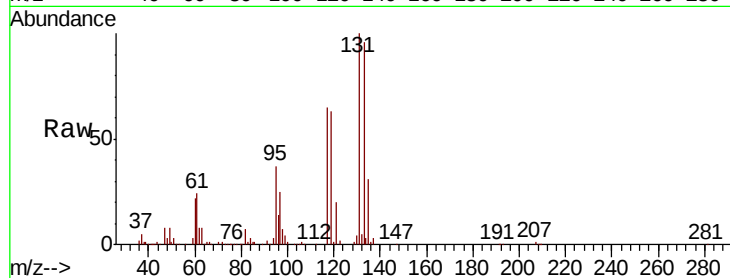
Tot Ion:131 Resp: 58501

Ion Ratio Lower Upper

131 100

133 94.9 0.0 187.0

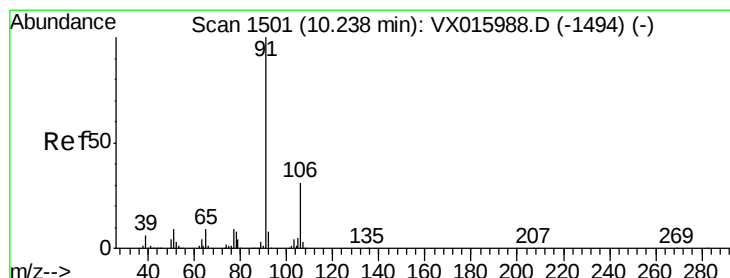
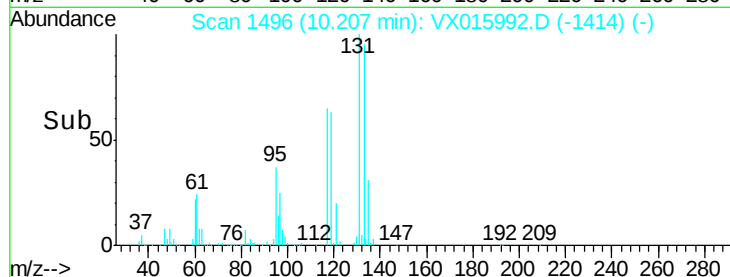
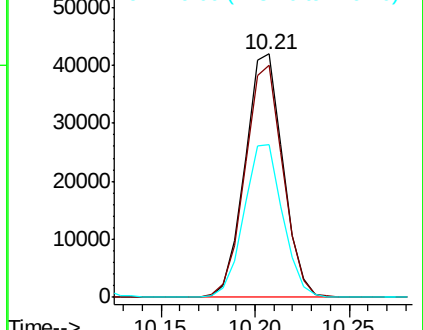
119 64.1 0.0 129.0



Abundance Ion 131.00 (130.70 to 131.70): V

Ion 133.00 (132.70 to 133.70): V

Ion 119.00 (118.70 to 119.70): V



#66

Ethyl Benzene

Concen: 18.035 ug/l

RT: 10.24 min Scan# 1501

Delta R.T. 0.00 min

Lab File: VX015992.D

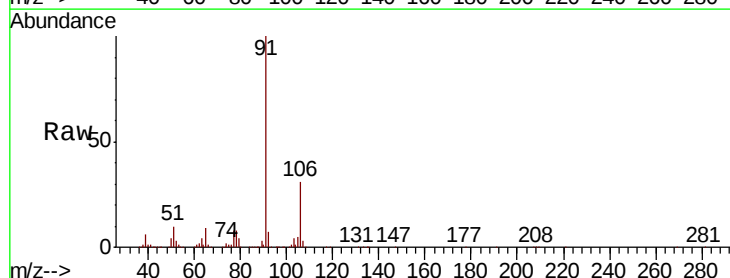
Acq: 30 Apr 2020 13:32

Tgt Ion: 91 Resp: 278417

Ion Ratio Lower Upper

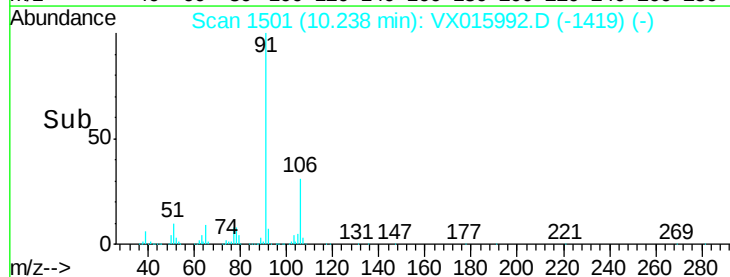
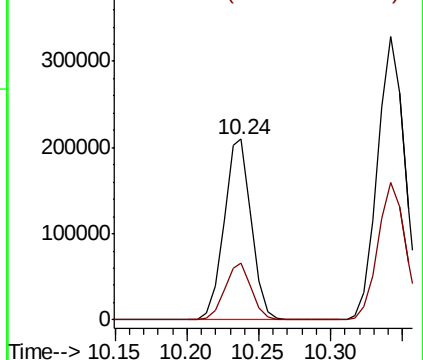
91 100

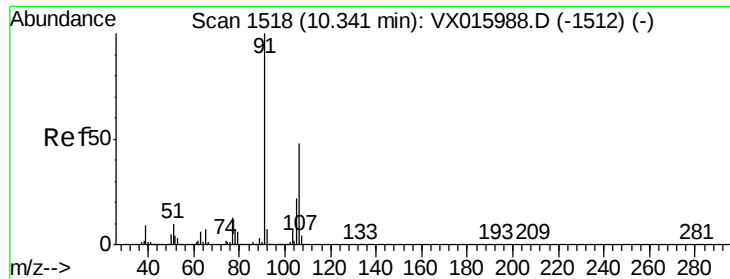
106 31.2 24.8 37.2



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V

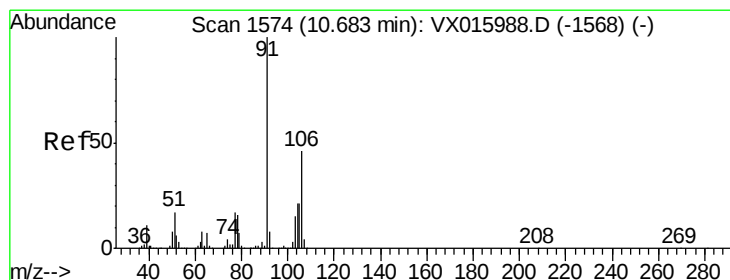
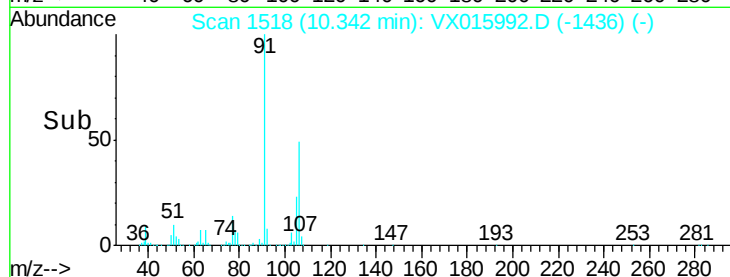
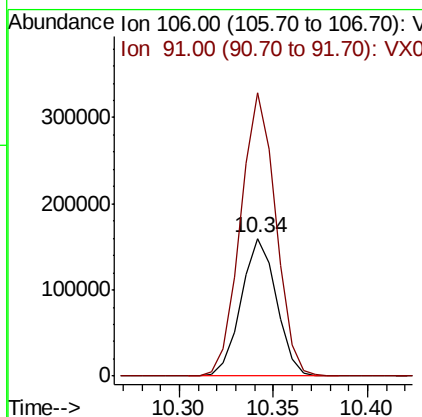
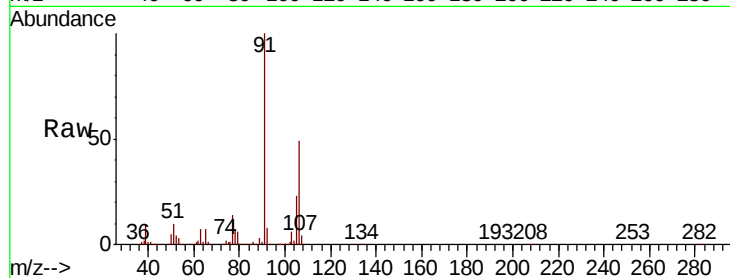




#67
m/p-Xvlenes
Concen: 35.473 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. 0.00 min
Lab File: VX015992.D
Acq: 30 Apr 2020 13:32

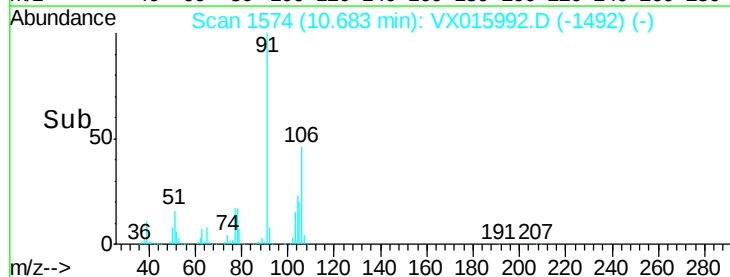
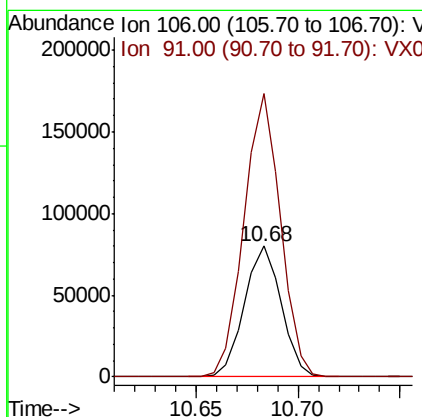
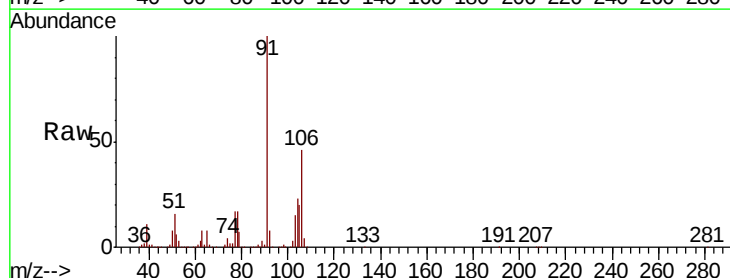
Instrument :
MSVOA_X
ClientSampleId :

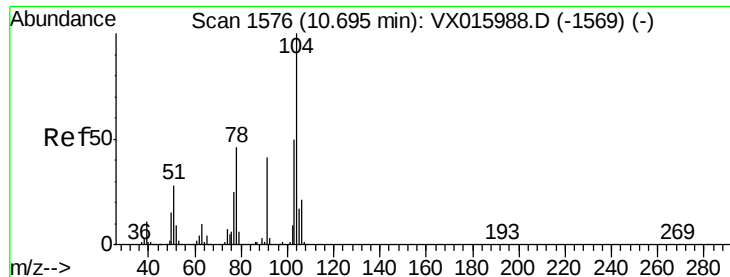
Tot Ion:106 Resp: 208609
Ion Ratio Lower Upper
106 100
91 204.2 164.2 246.4



#68
o-Xylene
Concen: 17.852 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. 0.00 min
Lab File: VX015992.D
Acq: 30 Apr 2020 13:32

Tgt Ion:106 Resp: 101236
Ion Ratio Lower Upper
106 100
91 213.0 108.3 325.0

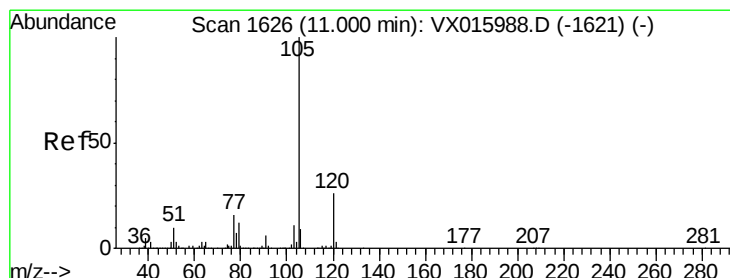
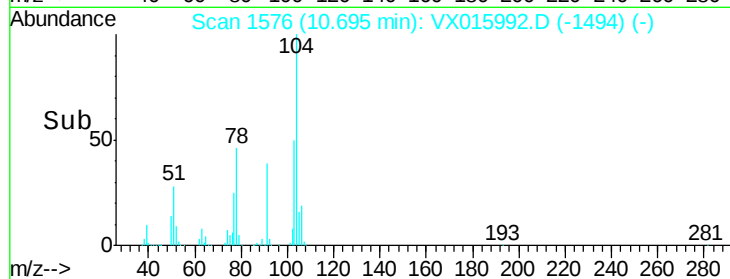
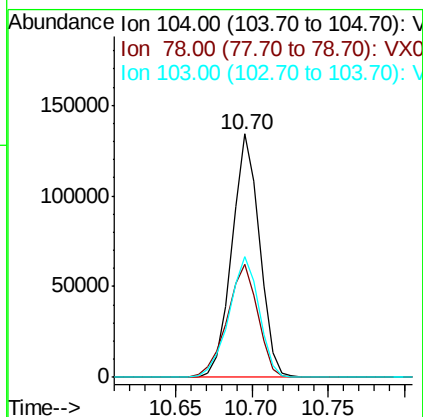
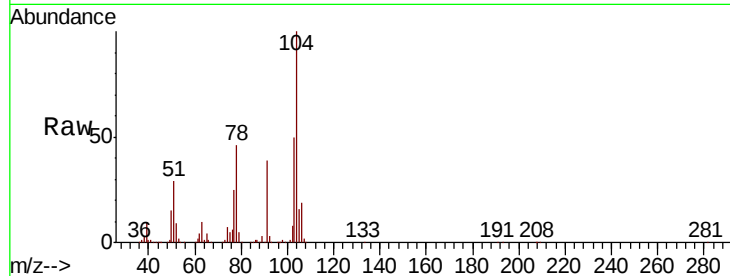




#69
Stvrene
Concen: 17.236 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. 0.00 min
Lab File: VX015992.D
Acq: 30 Apr 2020 13:32

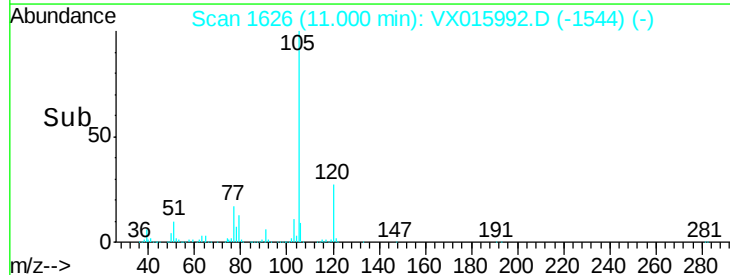
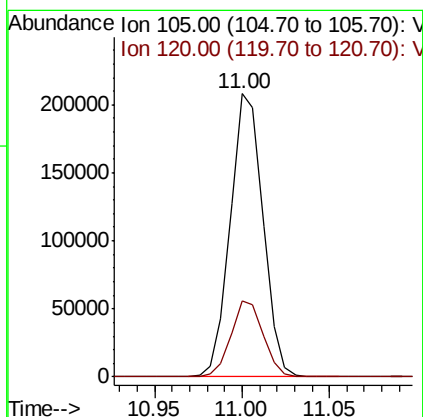
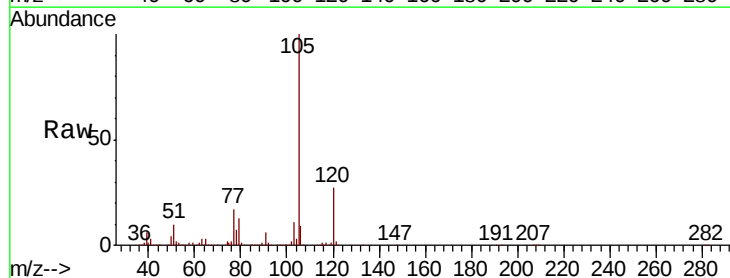
Instrument :
MSVOA_X
ClientSampleId :

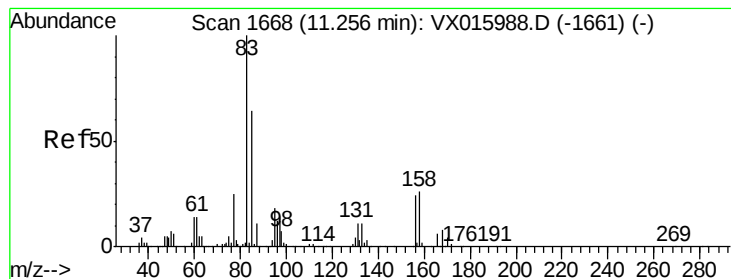
Tot Ion	Ratio	Lower	Upper
104	100		
78	51.4	40.7	61.1
103	54.4	43.0	64.4



#70
Isopropylbenzene
Concen: 17.719 ug/l
RT: 11.00 min Scan# 1626
Delta R.T. 0.00 min
Lab File: VX015992.D
Acq: 30 Apr 2020 13:32

Tgt Ion	Ratio	Lower	Upper
105	100		
120	26.5	18.6	34.5





#71

1,1,2,2-Tetrachloroethane

Concen: 16.314 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. -0.01 min

Lab File: VX015992.D

Acq: 30 Apr 2020 13:32

Instrument :

MSVOA_X

ClientSampleId :

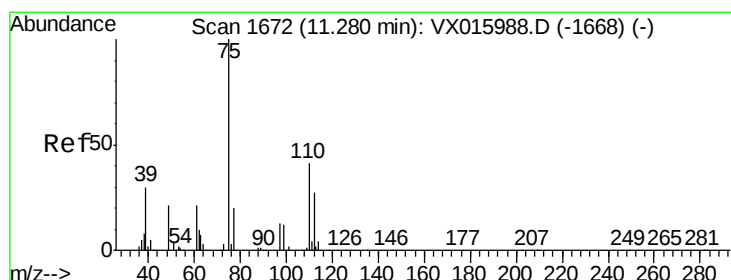
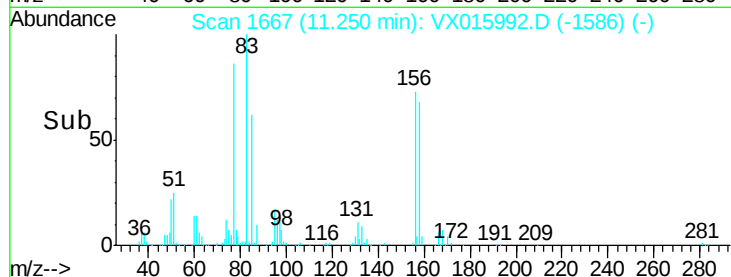
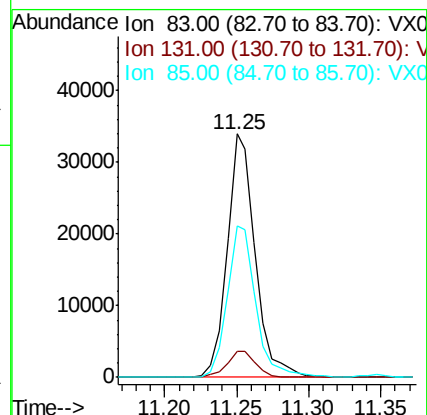
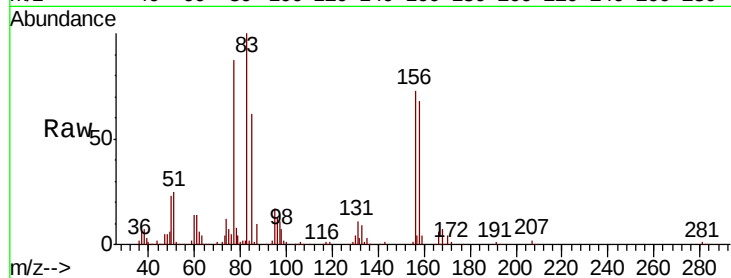
Tot Ion: 83 Resp: 46435

Ion Ratio Lower Upper

83 100

131 11.0 5.2 15.6

85 63.5 33.0 98.9



#72

1,2,3-Trichloropropane

Concen: 24.528 ug/l

RT: 11.28 min Scan# 1672

Delta R.T. 0.00 min

Lab File: VX015992.D

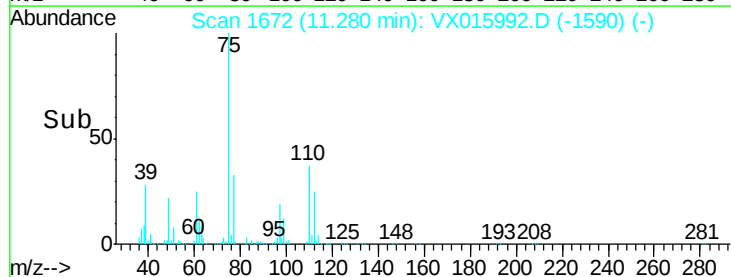
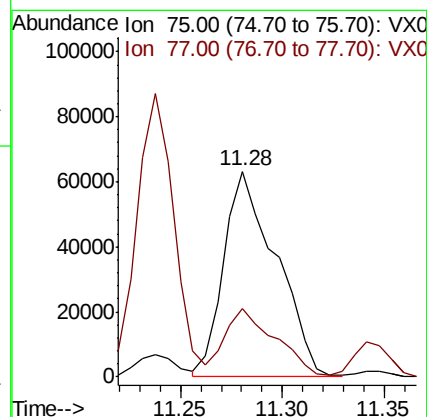
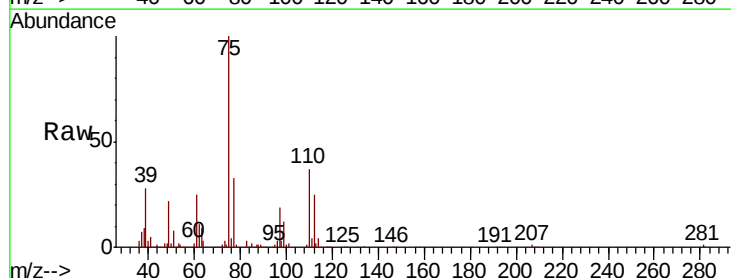
Acq: 30 Apr 2020 13:32

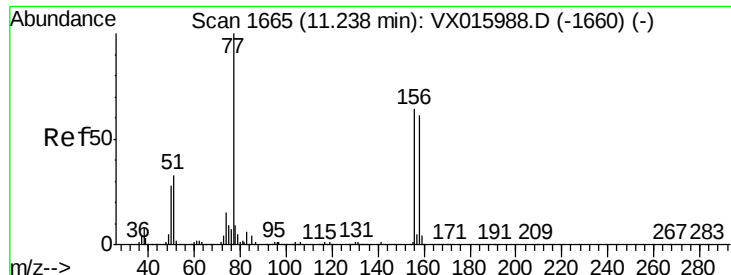
Tgt Ion: 75 Resp: 113075

Ion Ratio Lower Upper

75 100

77 31.9 0.0 86.0





#73

Bromobenzene

Concen: 17.694 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. 0.00 min

Lab File: VX015992.D

Acq: 30 Apr 2020 13:32

Instrument :

MSVOA_X

ClientSampled :

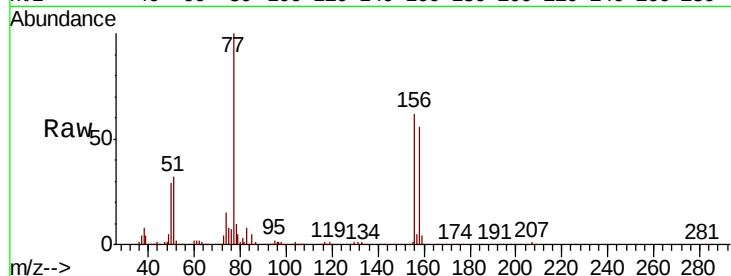
Tot Ion:156 Resp: 68268

Ion Ratio Lower Upper

156 100

77 161.0 0.0 318.0

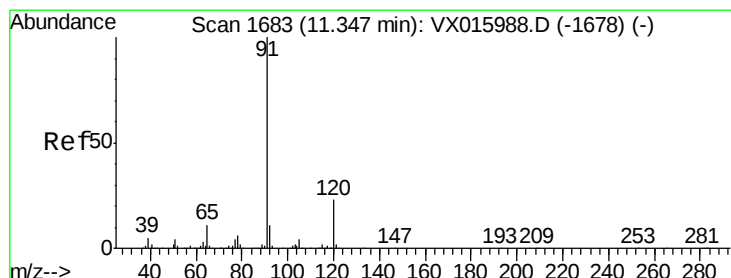
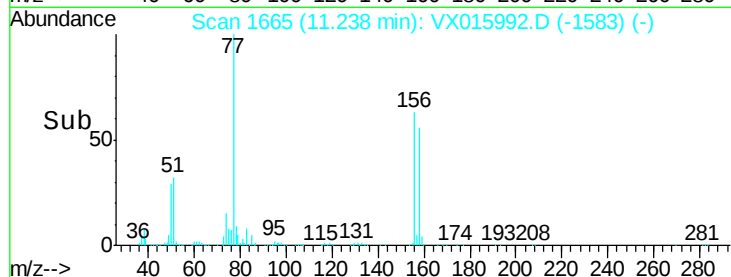
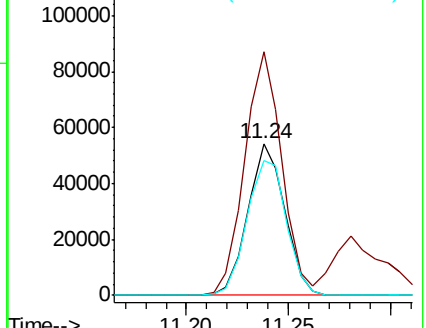
158 95.5 0.0 193.2



Abundance Ion 156.00 (155.70 to 156.70): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 158.00 (157.70 to 158.70): V



#74

n-propylbenzene

Concen: 17.675 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. -0.01 min

Lab File: VX015992.D

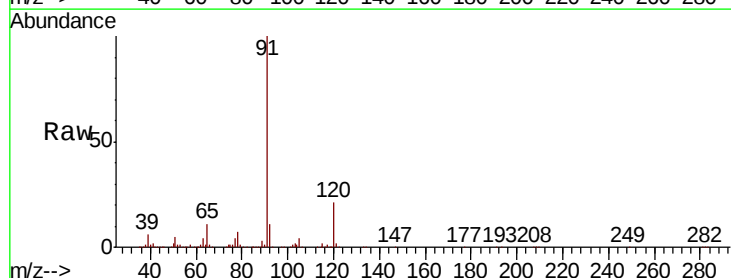
Acq: 30 Apr 2020 13:32

Tgt Ion: 91 Resp: 314333

Ion Ratio Lower Upper

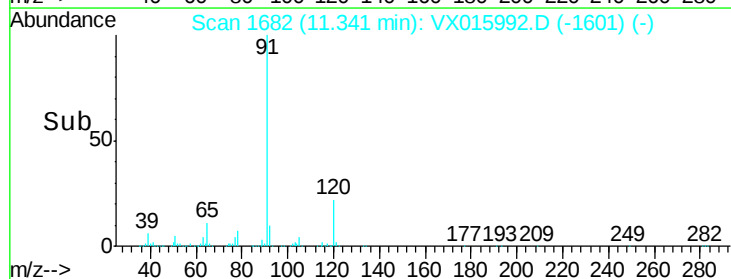
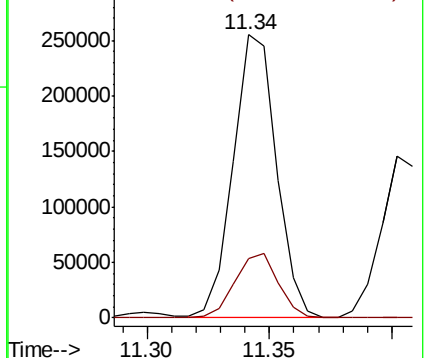
91 100

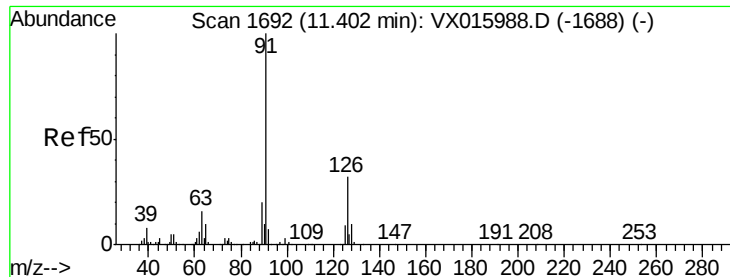
120 22.8 0.0 45.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#75

2-Chlorotoluene

Concen: 17.634 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. 0.00 min

Lab File: VX015992.D

Acq: 30 Apr 2020 13:32

Instrument :

MSVOA_X

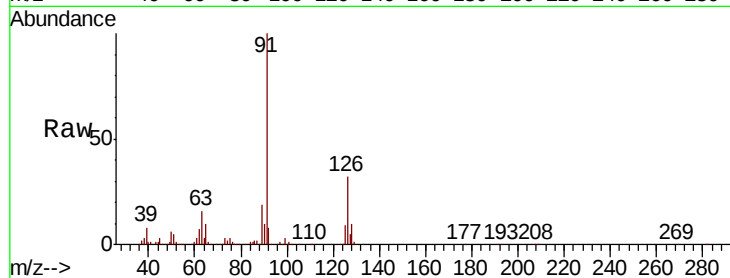
ClientSampleId :

Tot Ion: 91 Resp: 184286

Ion Ratio Lower Upper

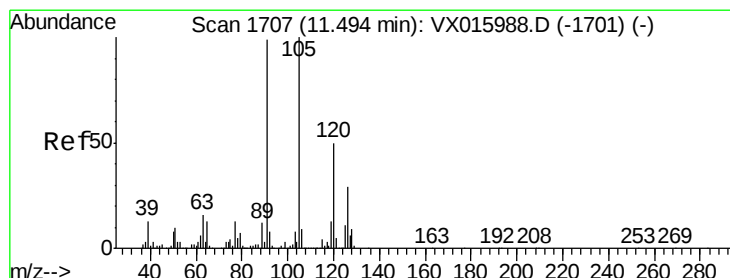
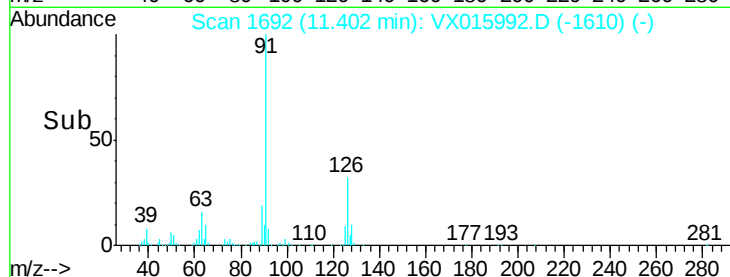
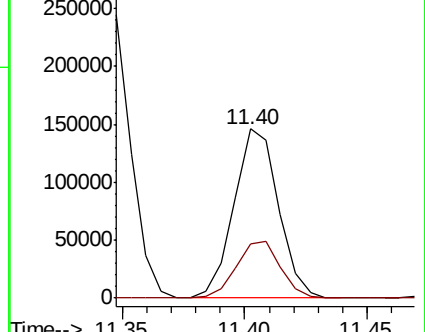
91 100

126 33.5 0.0 66.2



Abundance Ion 91.00 (90.70 to 91.70): VX015988.D (-1688) (-)

Ion 126.00 (125.70 to 126.70): VX015988.D (-1688) (-)



#76

1,3,5-Trimethylbenzene

Concen: 17.283 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. 0.00 min

Lab File: VX015992.D

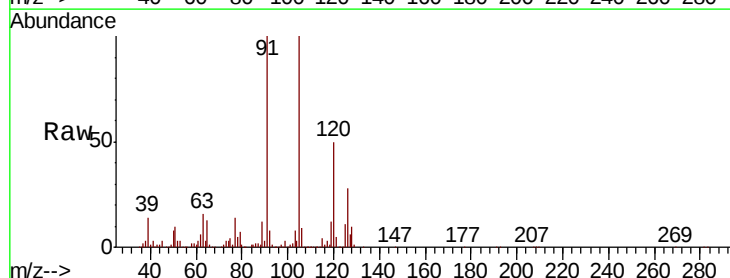
Acq: 30 Apr 2020 13:32

Tgt Ion: 105 Resp: 224620

Ion Ratio Lower Upper

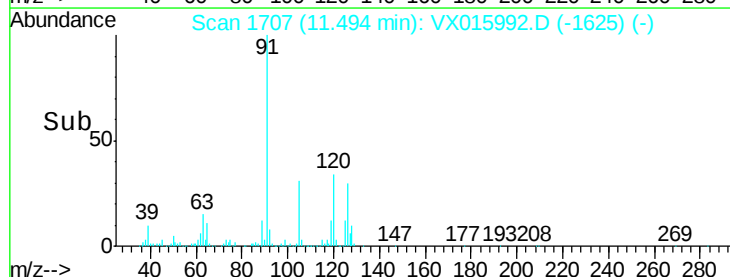
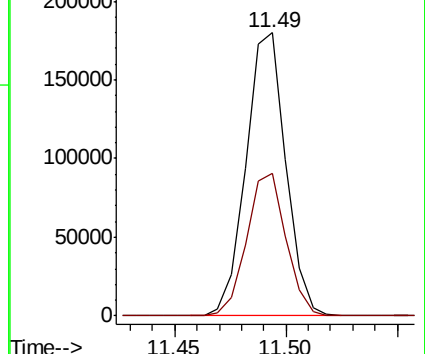
105 100

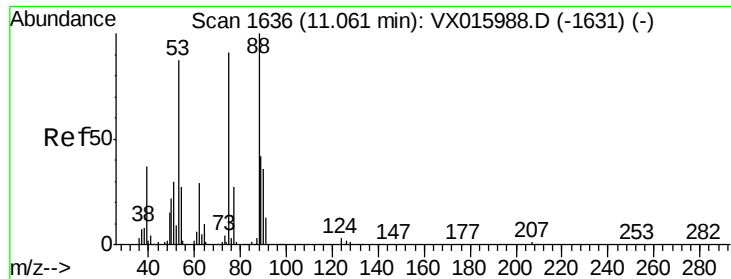
120 49.8 0.0 99.4



Abundance Ion 105.00 (104.70 to 105.70): VX015988.D (-1701) (-)

Ion 120.00 (119.70 to 120.70): VX015988.D (-1701) (-)





#77

t-1,4-Dichloro-2-butene

Concen: 17.390 ug/l

RT: 11.06 min Scan# 1636

Delta R.T. 0.00 min

Lab File: VX015992.D

Acq: 30 Apr 2020 13:32

Instrument :

MSVOA_X

ClientSampled :

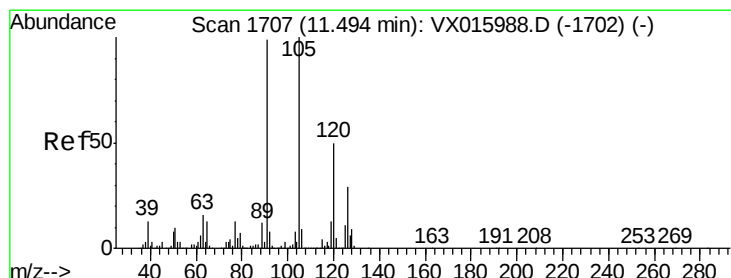
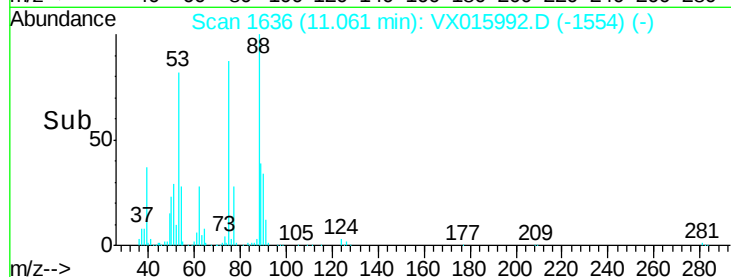
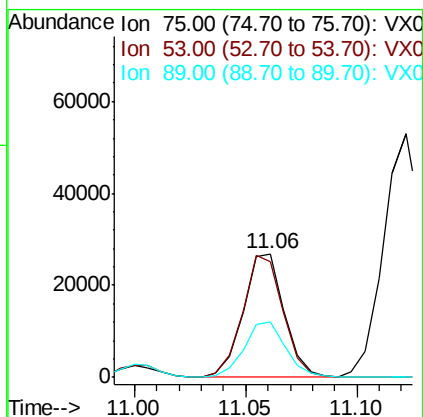
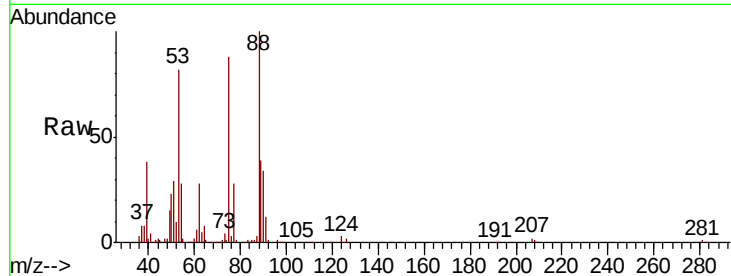
Tot Ion: 75 Resp: 34470

Ion Ratio Lower Upper

75 100

53 94.0 48.0 144.2

89 44.5 23.4 70.3



#78

4-Chlorotoluene

Concen: 17.600 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. 0.00 min

Lab File: VX015992.D

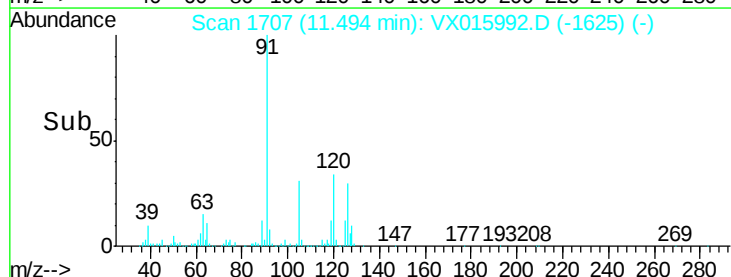
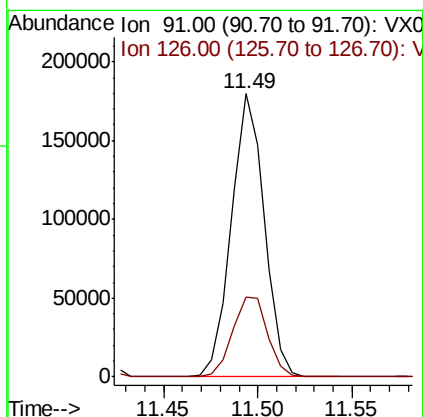
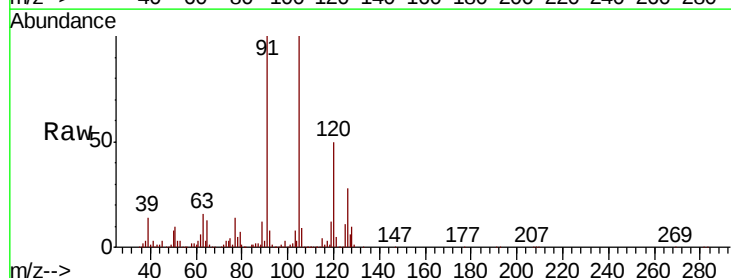
Acq: 30 Apr 2020 13:32

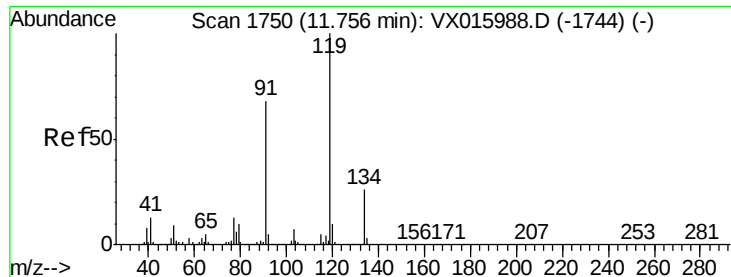
Tgt Ion: 91 Resp: 217719

Ion Ratio Lower Upper

91 100

126 29.9 0.0 58.4

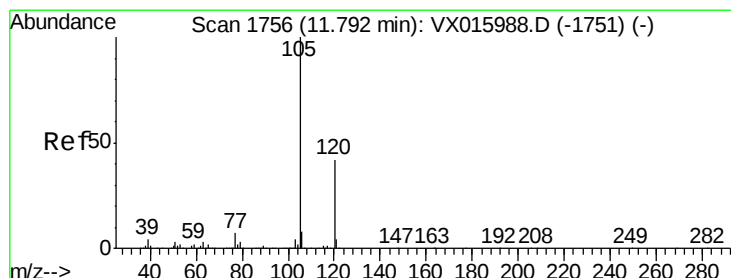
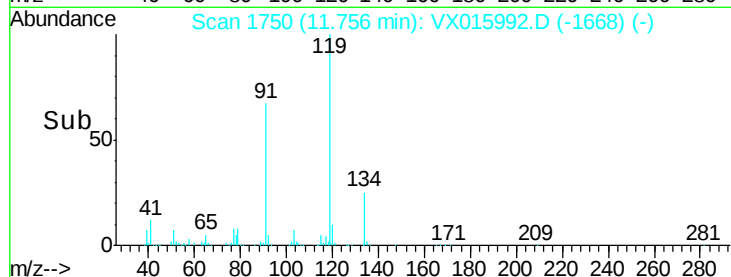
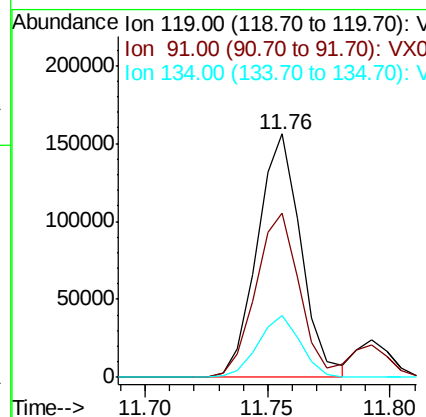
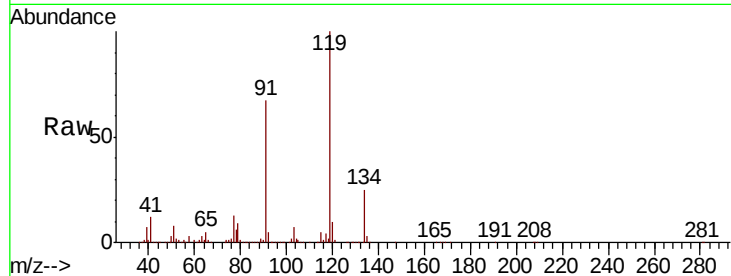




#79
tert-butylbenzene
Concen: 17.542 ug/l
RT: 11.76 min Scan# 1750
Delta R.T. 0.00 min
Lab File: VX015992.D
Acq: 30 Apr 2020 13:32

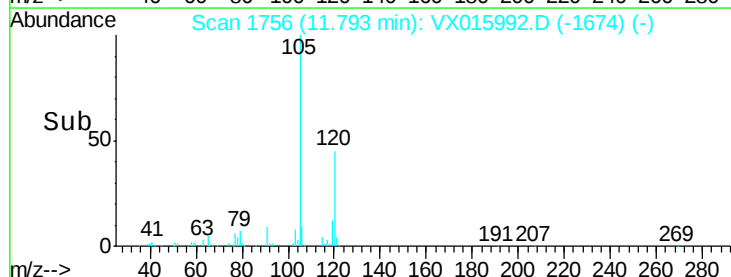
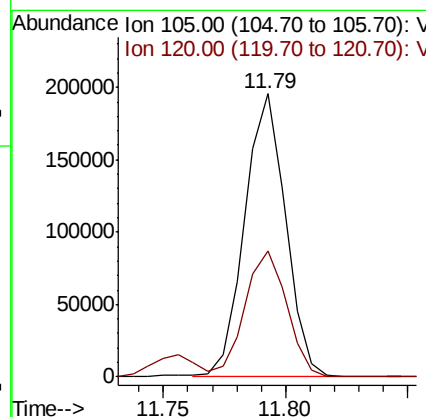
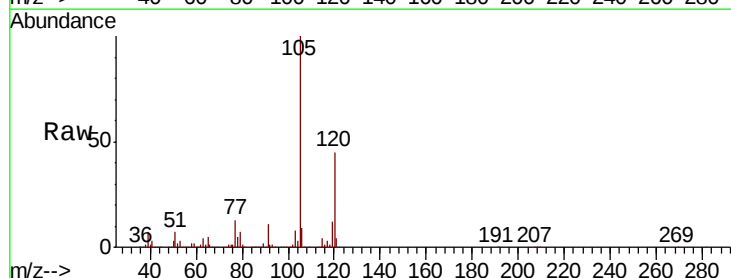
Instrument :
MSVOA_X
ClientSampleId :

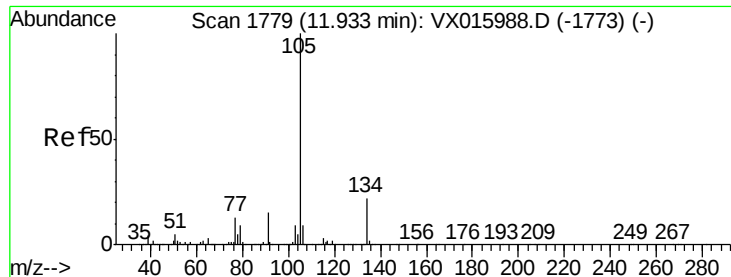
Tot Ion	Ratio	Lower	Upper
119	100		
91	67.2	0.0	135.6
134	24.6	0.0	51.0



#80
1,2,4-Trimethylbenzene
Concen: 17.577 ug/l
RT: 11.79 min Scan# 1756
Delta R.T. 0.00 min
Lab File: VX015992.D
Acq: 30 Apr 2020 13:32

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.3	0.0	91.0

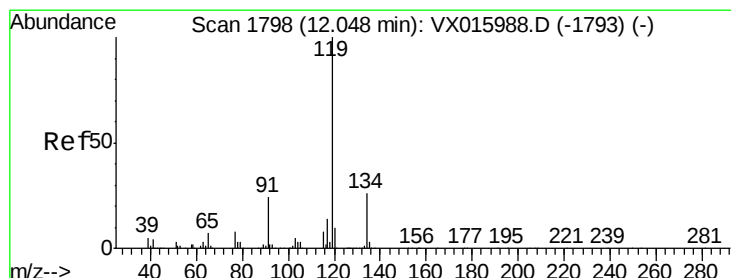
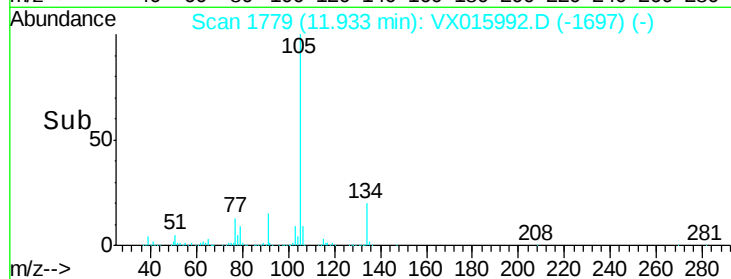
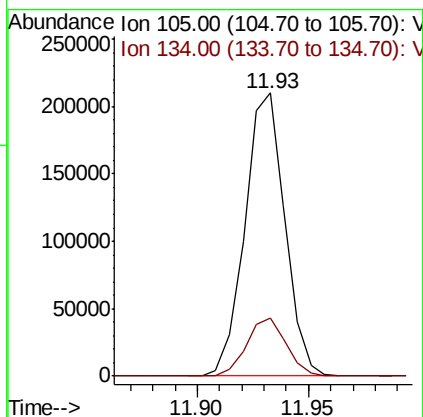
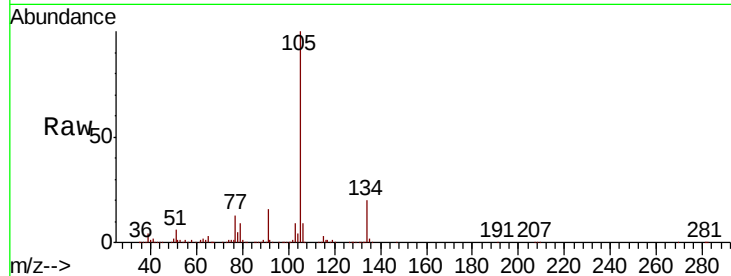




#81
 sec-Butylbenzene
 Concen: 17.521 ug/l
 RT: 11.93 min Scan# 1779
 Delta R.T. 0.00 min
 Lab File: VX015992.D
 Acq: 30 Apr 2020 13:32

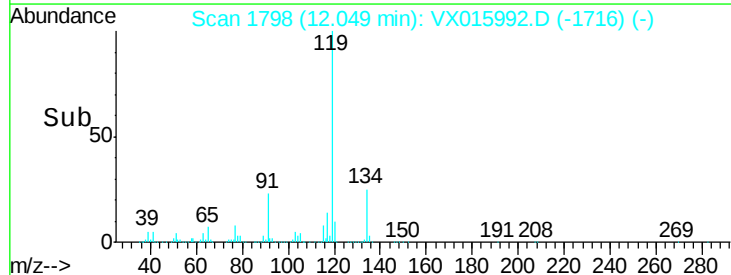
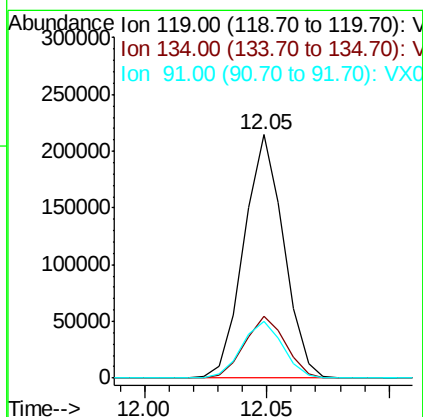
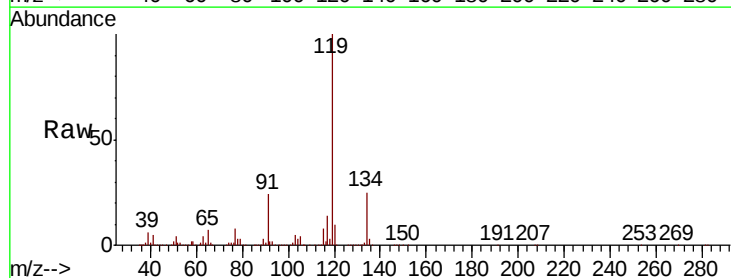
Instrument :
 MSVOA_X
 ClientSampleId :

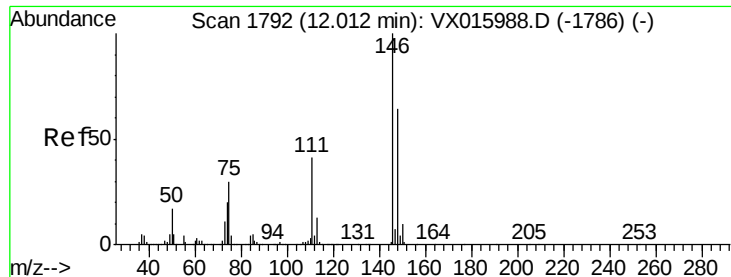
Tot Ion:105 Resp: 262307
 Ion Ratio Lower Upper
 105 100
 134 20.4 0.0 41.2



#82
 p-Isopropyltoluene
 Concen: 17.443 ug/l
 RT: 12.05 min Scan# 1798
 Delta R.T. 0.00 min
 Lab File: VX015992.D
 Acq: 30 Apr 2020 13:32

Tgt Ion:119 Resp: 241995
 Ion Ratio Lower Upper
 119 100
 134 26.0 0.0 52.6
 91 24.0 0.0 47.6





#83

1,3-Dichlorobenzene

Concen: 17.726 ug/l

RT: 12.01 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX015992.D

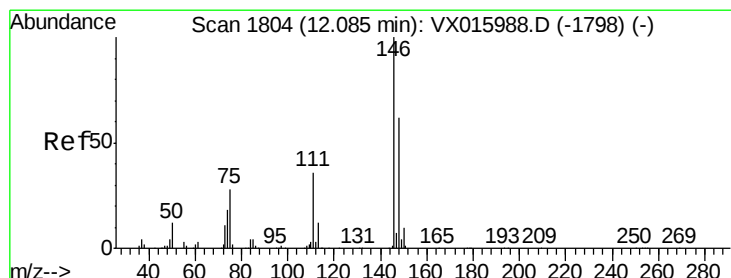
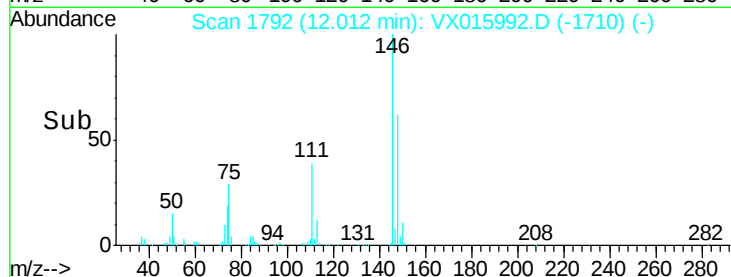
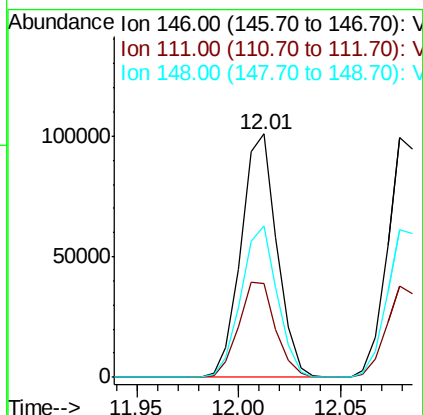
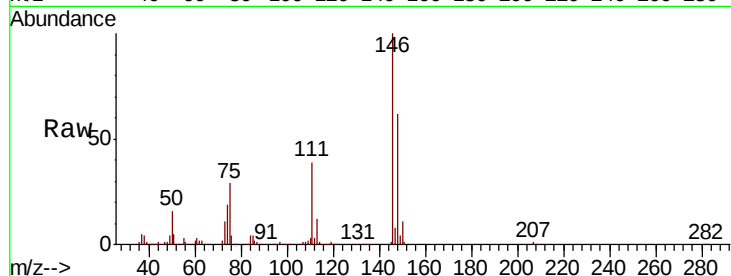
Acq: 30 Apr 2020 13:32

Instrument :

MSVOA_X

ClientSampleId :

Tot Ion:	146	Resp:	123304
Ion	Ratio	Lower	Upper
146	100		
111	40.3	20.4	61.3
148	62.6	31.9	95.9



#84

1,4-Dichlorobenzene

Concen: 17.926 ug/l

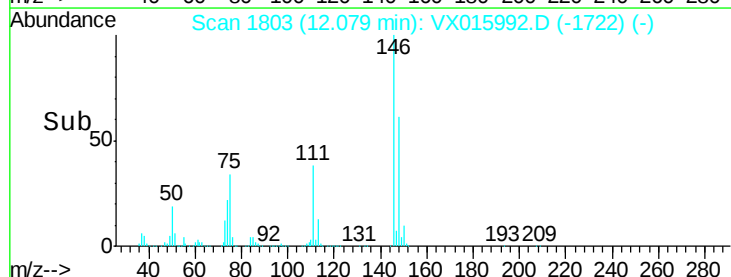
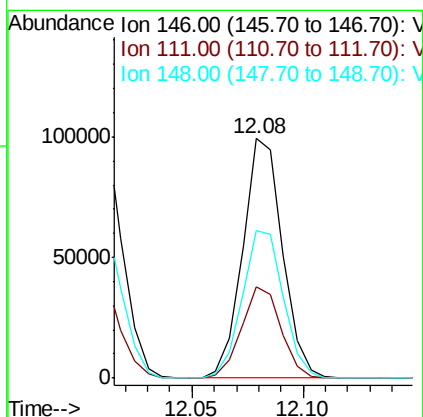
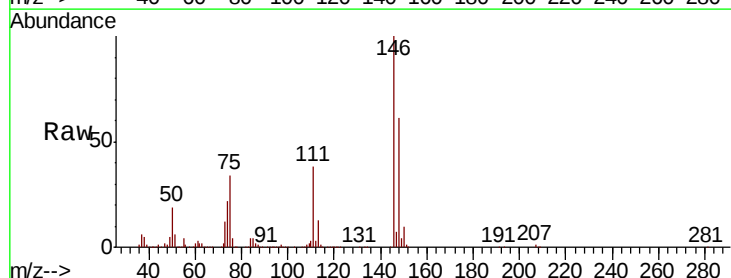
RT: 12.08 min Scan# 1803

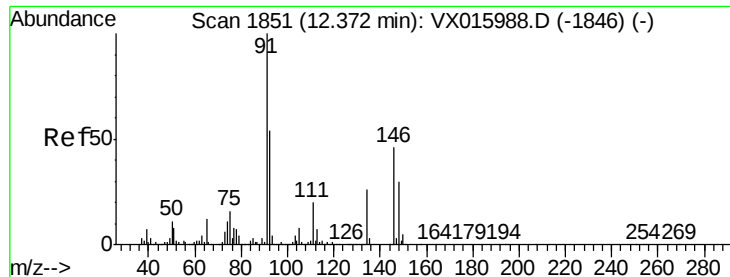
Delta R.T. -0.01 min

Lab File: VX015992.D

Acq: 30 Apr 2020 13:32

Tgt Ion:	146	Resp:	123907
Ion	Ratio	Lower	Upper
146	100		
111	38.0	19.7	59.0
148	63.8	32.0	96.0

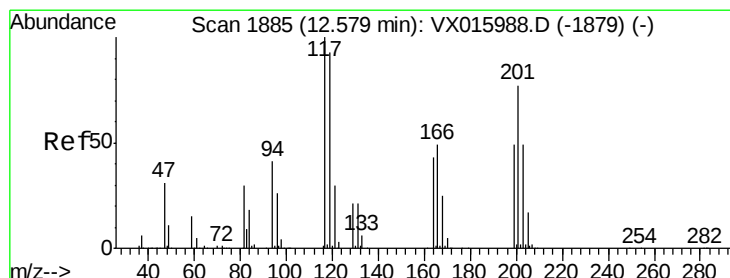
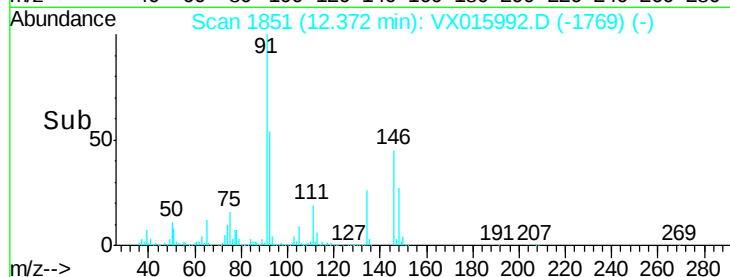
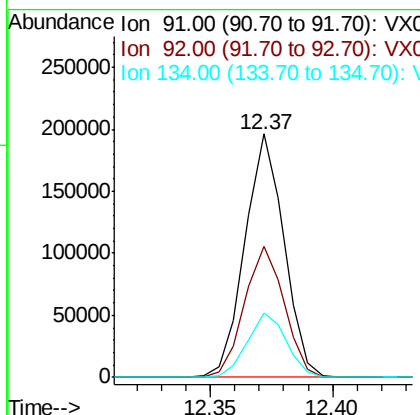
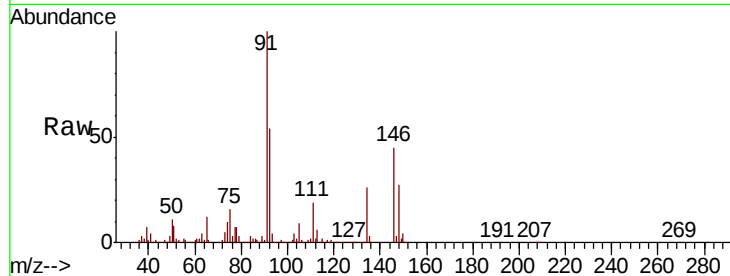




#85
n-Butylbenzene
Concen: 17.306 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. 0.00 min
Lab File: VX015992.D
Acq: 30 Apr 2020 13:32

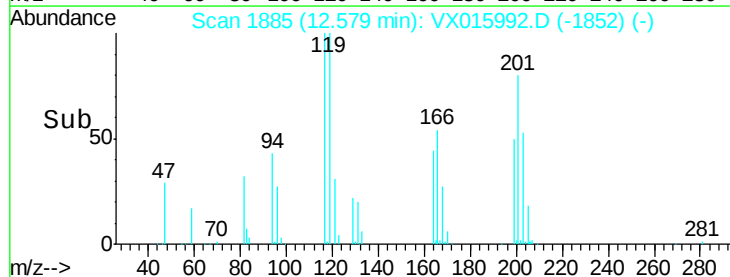
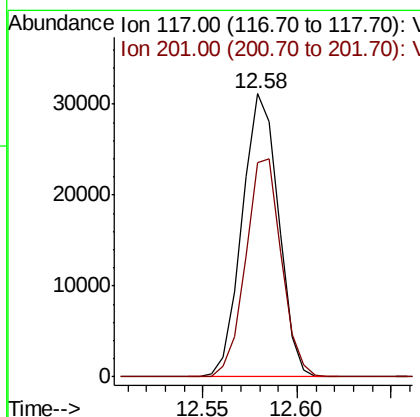
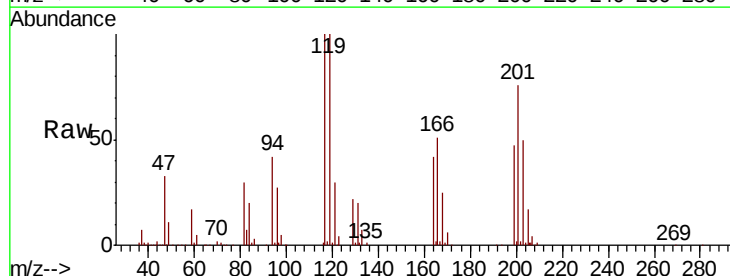
Instrument :
MSVOA_X
ClientSampled :

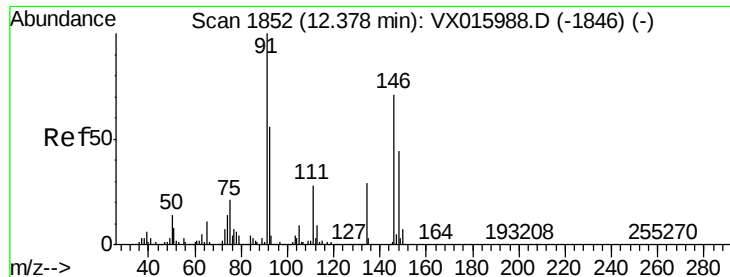
Tot Ion: 91 Resp: 219318
Ion Ratio Lower Upper
91 100
92 54.7 0.0 110.2
134 26.5 0.0 53.4



#86
Hexachloroethane
Concen: 17.074 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. 0.00 min
Lab File: VX015992.D
Acq: 30 Apr 2020 13:32

Tgt Ion: 117 Resp: 41701
Ion Ratio Lower Upper
117 100
201 75.7 40.1 120.2





#87

1,2-Dichlorobenzene

Concen: 18.098 ug/l

RT: 12.38 min Scan# 1852

Delta R.T. 0.00 min

Lab File: VX015992.D

Acq: 30 Apr 2020 13:32

Instrument :

MSVOA_X

ClientSampleId :

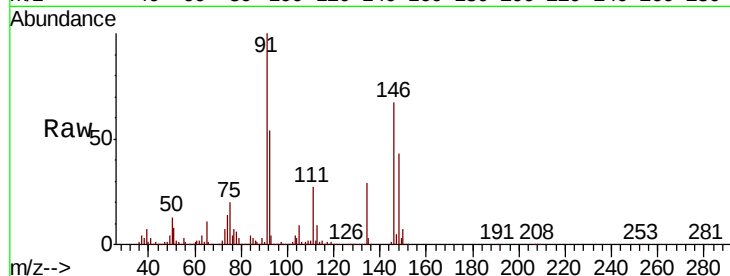
Tot Ion:146 Resp: 121757

Ion Ratio Lower Upper

146 100

111 41.0 20.7 62.1

148 62.2 32.0 96.2



Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V

120000

100000

80000

60000

40000

20000

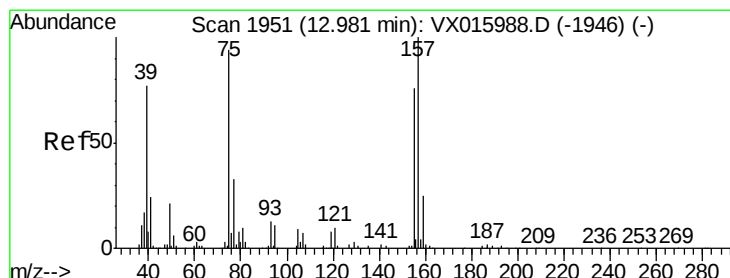
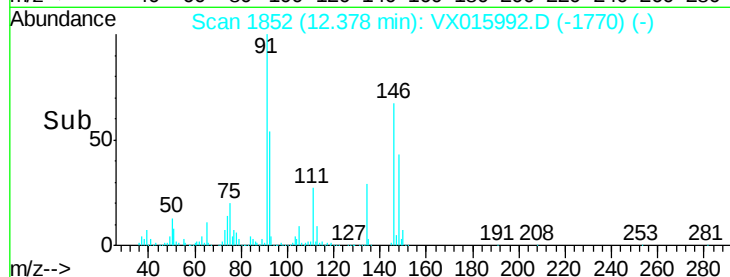
0

12.38

12.35

12.40

Time-->



#88

1,2-Dibromo-3-Chloropropane

Concen: 17.310 ug/l

RT: 12.98 min Scan# 1951

Delta R.T. 0.00 min

Lab File: VX015992.D

Acq: 30 Apr 2020 13:32

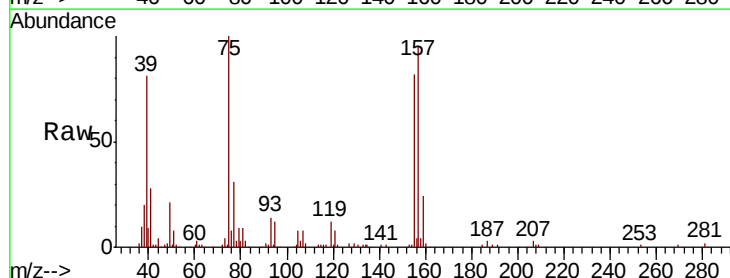
Tgt Ion: 75 Resp: 20617

Ion Ratio Lower Upper

75 100

155 86.1 66.9 100.3

157 107.9 88.2 132.2



Abundance Ion 75.00 (74.70 to 75.70): VX0

Ion 155.00 (154.70 to 155.70): V

Ion 157.00 (156.70 to 157.70): V

25000

20000

15000

10000

5000

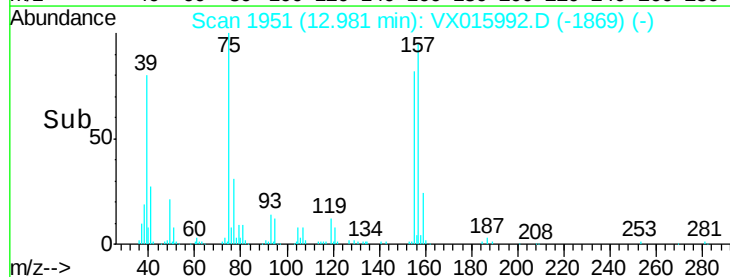
0

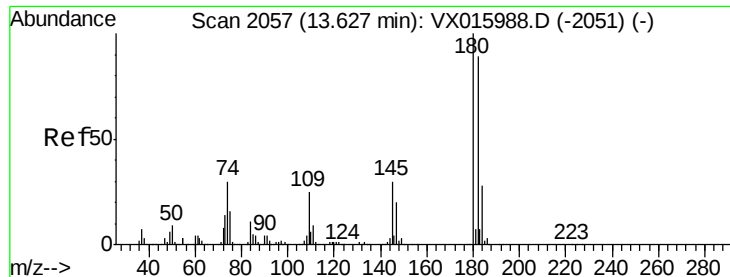
12.98

12.95

13.00

Time-->

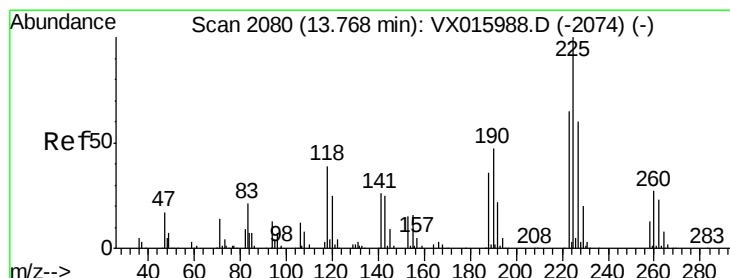
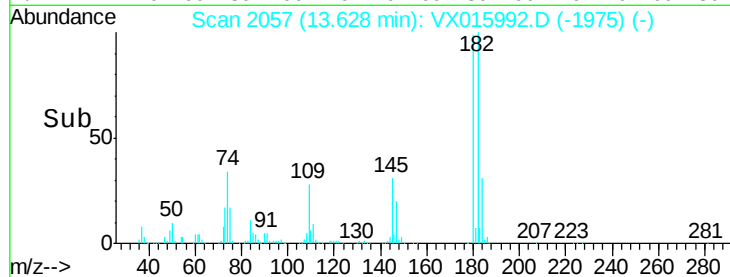
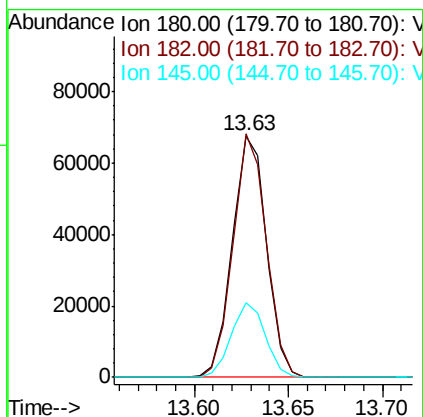
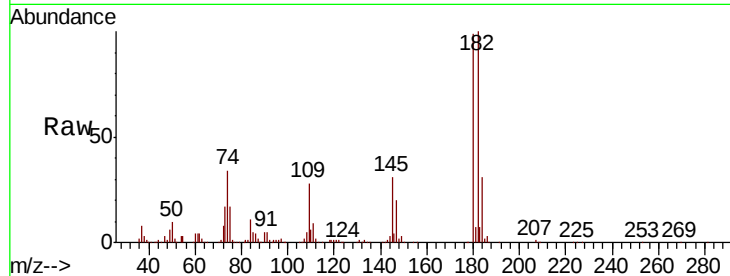




#89
 1,2,4-Trichlorobenzene
 Concen: 17.149 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. 0.00 min
 Lab File: VX015992.D
 Acq: 30 Apr 2020 13:32

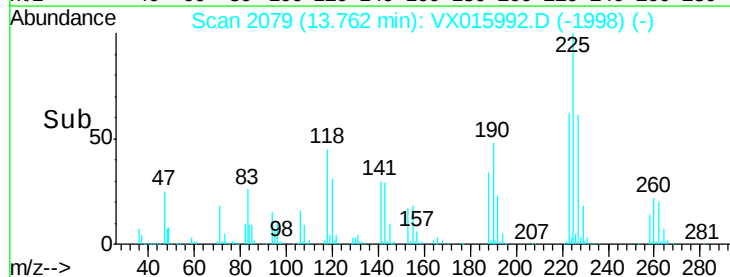
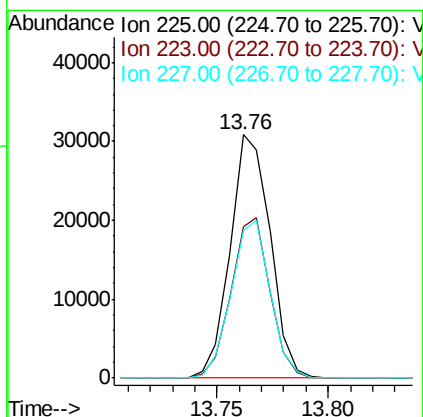
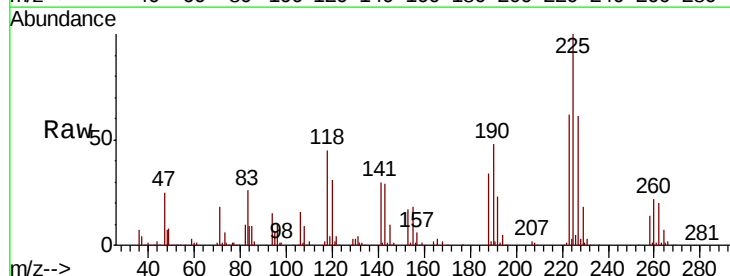
Instrument :
 MSVOA_X
 ClientSampleId :

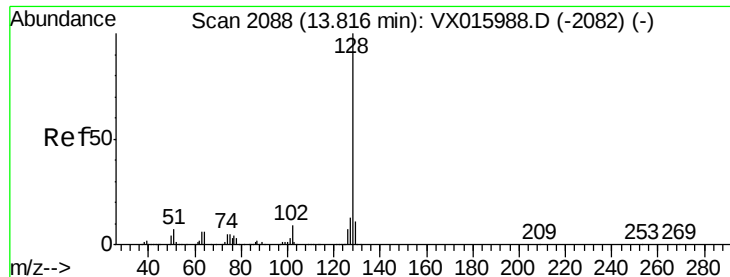
Tot Ion	Ratio	Lower	Upper
180	100		
182	98.3	75.0	112.6
145	30.7	23.9	35.9



#90
 Hexachlorobutadiene
 Concen: 18.125 ug/l
 RT: 13.76 min Scan# 2079
 Delta R.T. -0.01 min
 Lab File: VX015992.D
 Acq: 30 Apr 2020 13:32

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.9	0.0	123.6
227	63.3	0.0	123.6





#91

Naphthalene

Concen: 17.891 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. 0.00 min

Lab File: VX015992.D

Acq: 30 Apr 2020 13:32

Instrument :

MSVOA_X

ClientSampleId :

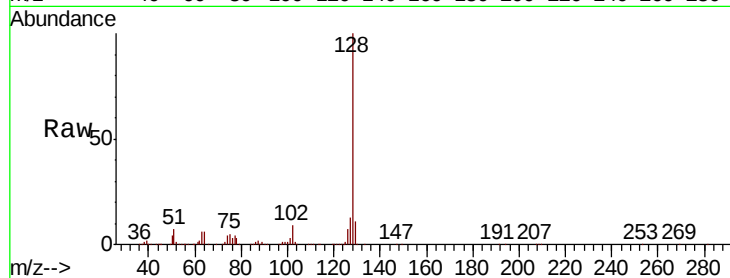
Tot Ion:128 Resp: 282261

Ion Ratio Lower Upper

128 100

127 12.9 10.5 15.7

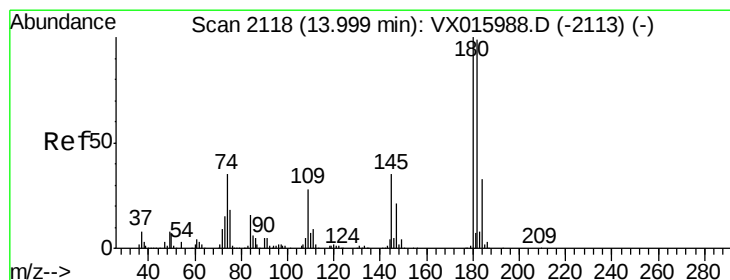
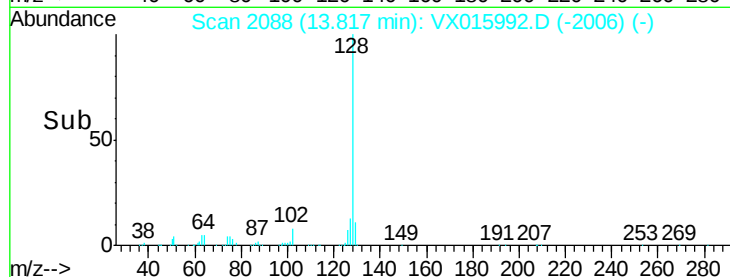
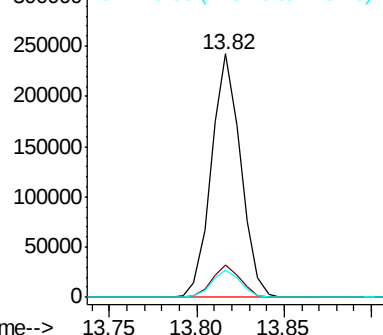
129 11.1 8.6 13.0



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



#92

1,2,3-Trichlorobenzene

Concen: 17.719 ug/l

RT: 14.01 min Scan# 2119

Delta R.T. 0.01 min

Lab File: VX015992.D

Acq: 30 Apr 2020 13:32

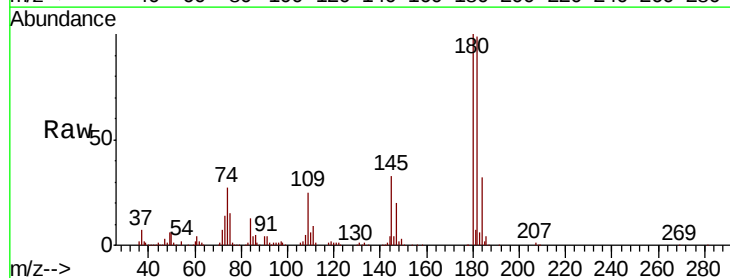
Tgt Ion:180 Resp: 84355

Ion Ratio Lower Upper

180 100

182 97.7 0.0 197.2

145 32.7 0.0 66.0



Abundance Ion 180.00 (179.70 to 180.70): V

Ion 182.00 (181.70 to 182.70): V

Ion 145.00 (144.70 to 145.70): V

