

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX042920\
 Data File : VX015985.D
 Acq On : 29 Apr 2020 18:18
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Apr 30 05:38:29 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X042820W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 28 17:30:11 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	268315	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	428340	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	404026	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	209564	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	168951	48.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.32%	
35) Dibromofluoromethane	5.47	113	127938	47.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.76%	
50) Toluene-d8	8.70	98	480876	48.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.26%	
62) 4-Bromofluorobenzene	11.12	95	190802	48.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.38%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	126279	52.594	ug/l	99
3) Chloromethane	1.31	50	143005	49.145	ug/l	98
4) Vinyl Chloride	1.39	62	166917	50.510	ug/l	99
5) Bromomethane	1.62	94	103800	46.788	ug/l	99
6) Chloroethane	1.71	64	110371	50.210	ug/l	98
7) Trichlorofluoromethane	1.91	101	247313	49.513	ug/l	97
8) Diethyl Ether	2.17	74	102300	49.058	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.37	101	126328	50.738	ug/l	100
10) Methyl Iodide	2.49	142	180225	51.890	ug/l	100
11) Tert butyl alcohol	3.01	59	214601	252.007	ug/l	100
12) 1,1-Dichloroethene	2.36	96	127617	49.711	ug/l	100
13) Acrolein	2.27	56	57907	270.584	ug/l	99
14) Allyl chloride	2.71	41	239299	51.695	ug/l	99
15) Acrylonitrile	3.12	53	436150	258.307	ug/l	99
16) Acetone	2.42	43	388747	259.141	ug/l	97
17) Carbon Disulfide	2.55	76	371808	49.643	ug/l	99
18) Methyl Acetate	2.75	43	220785	51.864	ug/l	99
19) Methyl tert-butyl Ether	3.17	73	481278	51.834	ug/l	100
20) Methylene Chloride	2.84	84	146481	49.326	ug/l	98
21) trans-1,2-Dichloroethene	3.14	96	141061	48.756	ug/l	98
22) Diisopropyl ether	3.82	45	473385	52.016	ug/l	98
23) Vinyl Acetate	3.79	43	2093143	264.768	ug/l	100
24) 1,1-Dichloroethane	3.67	63	264446	52.162	ug/l	100
25) 2-Butanone	4.64	43	631243	259.670	ug/l	98
26) 2,2-Dichloropropane	4.55	77	222751	48.055	ug/l	100
27) cis-1,2-Dichloroethene	4.57	96	163349	49.753	ug/l	99
28) Bromochloromethane	4.98	49	119259	48.612	ug/l	98
29) Tetrahydrofuran	5.09	42	408325	256.303	ug/l	100
30) Chloroform	5.18	83	267308	50.706	ug/l	99
31) Cyclohexane	5.55	56	233211	51.672	ug/l	99
32) 1,1,1-Trichloroethane	5.46	97	246418	50.768	ug/l	99
36) 1,1-Dichloropropene	5.78	75	201444	49.377	ug/l	98
37) Ethyl Acetate	4.80	43	242414	51.819	ug/l	99
38) Carbon Tetrachloride	5.76	117	216871	50.328	ug/l	97

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	237929	50.419	ug/l	99
40) Benzene	6.12	78	589592	50.650	ug/l	99
41) Methacrylonitrile	5.01	41	128674	51.387	ug/l	99
42) 1,2-Dichloroethane	6.17	62	229540	50.893	ug/l	99
43) Isopropyl Acetate	6.42	43	397323	51.290	ug/l	100
44) Trichloroethene	7.19	130	198193	47.237	ug/l	99
45) 1,2-Dichloropropane	7.49	63	151439	50.339	ug/l	98
46) Dibromomethane	7.64	93	107453	50.267	ug/l	98
47) Bromodichloromethane	7.88	83	219500	51.672	ug/l	99
48) Methyl methacrylate	7.75	41	189675	53.032	ug/l	99
49) 1,4-Dioxane	7.71	88	84315	1002.078	ug/l	98
51) 4-Methyl-2-Pentanone	8.62	43	1228507	261.450	ug/l	100
52) Toluene	8.77	92	376706	50.982	ug/l	100
53) t-1,3-Dichloropropene	9.02	75	252916	50.178	ug/l	99
54) cis-1,3-Dichloropropene	8.42	75	260756	50.300	ug/l	99
55) 1,1,2-Trichloroethane	9.20	97	152100	51.510	ug/l	98
56) Ethyl methacrylate	9.16	69	252880	52.668	ug/l	99
57) 1,3-Dichloropropane	9.35	76	259579	51.164	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	626949	252.681	ug/l	100
59) 2-Hexanone	9.48	43	969016	263.881	ug/l	100
60) Dibromochloromethane	9.57	129	175079	52.974	ug/l	98
61) 1,2-Dibromoethane	9.65	107	165348	51.639	ug/l	100
64) Tetrachloroethene	9.32	164	231883	48.380	ug/l	98
65) Chlorobenzene	10.12	112	406378	49.384	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	155782	50.088	ug/l	99
67) Ethyl Benzene	10.24	91	731459	49.913	ug/l	100
68) m/p-Xylenes	10.34	106	555405	99.879	ug/l	100
69) o-Xylene	10.68	106	264143	50.031	ug/l	96
70) Styrene	10.70	104	461916	50.990	ug/l	100
71) Bromoform	10.84	173	135129	47.840	ug/l	98
73) Isopropylbenzene	11.01	105	723377	50.741	ug/l	100
74) N-amyl acetate	10.88	43	351417	51.110	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.26	83	162607	49.201	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	305573	69.490	ug/l	82
77) Bromobenzene	11.24	156	184198	50.195	ug/l	98
78) n-propylbenzene	11.35	91	839976	51.219	ug/l	99
79) 2-Chlorotoluene	11.41	91	490500	50.199	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	615222	51.230	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.06	75	93137	50.052	ug/l	99
82) 4-Chlorotoluene	11.49	91	591154	50.584	ug/l	99
83) tert-Butylbenzene	11.76	119	528593	51.049	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	625349	51.741	ug/l	99
85) sec-Butylbenzene	11.93	105	714309	51.202	ug/l	99
86) p-Isopropyltoluene	12.05	119	666993	51.043	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	330095	49.327	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	331550	49.022	ug/l	98
89) n-Butylbenzene	12.37	91	598437	50.685	ug/l	100
90) Hexachloroethane	12.58	117	118482	51.317	ug/l	99
91) 1,2-Dichlorobenzene	12.38	146	318641	49.794	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	59145	50.251	ug/l	98

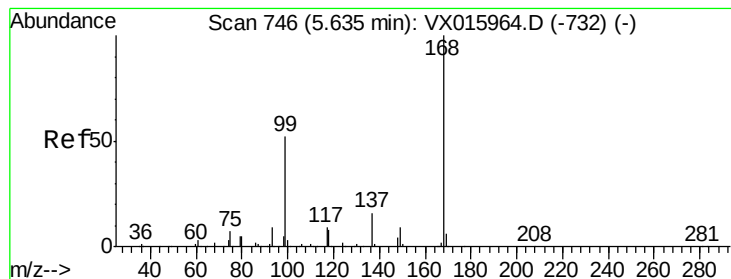
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX042920\
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	230175	47.923	ug/l	99
94) Hexachlorobutadiene	13.77	225	98491	45.897	ug/l	98
95) Naphthalene	13.82	128	768553	50.735	ug/l	100
96) 1,2,3-Trichlorobenzene	14.00	180	223648	48.358	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.01 min

Lab File: VX015985.D

Acq: 29 Apr 2020 18:18

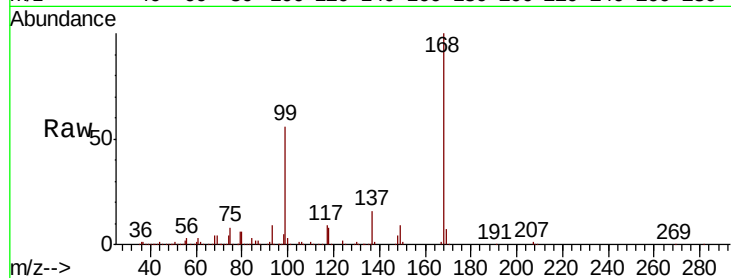
Instrument :
MSVOA_X
ClientSampled :

Tot Ion:168 Resp: 268315

Ion Ratio Lower Upper

168 100

99 55.7 41.7 62.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

100000

80000

60000

40000

20000

0

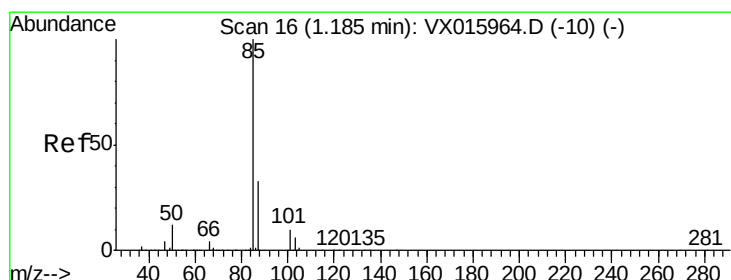
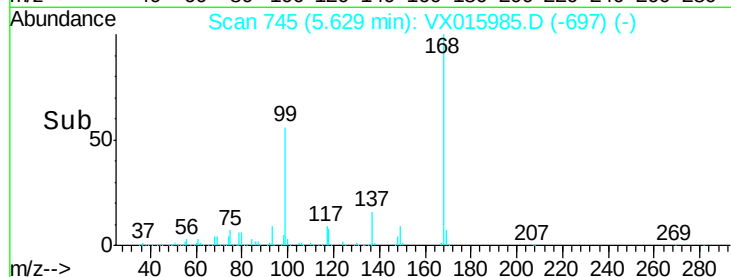
5.50

5.60

5.70

5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 52.594 ug/l

RT: 1.18 min Scan# 16

Delta R.T. 0.00 min

Lab File: VX015985.D

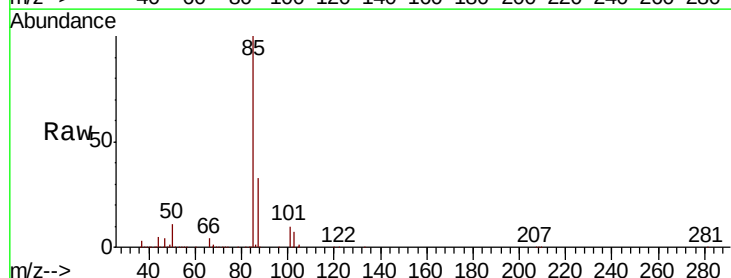
Acq: 29 Apr 2020 18:18

Tgt Ion: 85 Resp: 126279

Ion Ratio Lower Upper

85 100

87 32.8 16.7 50.1



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

150000

100000

50000

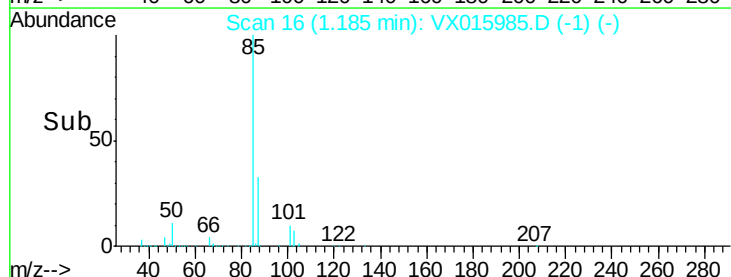
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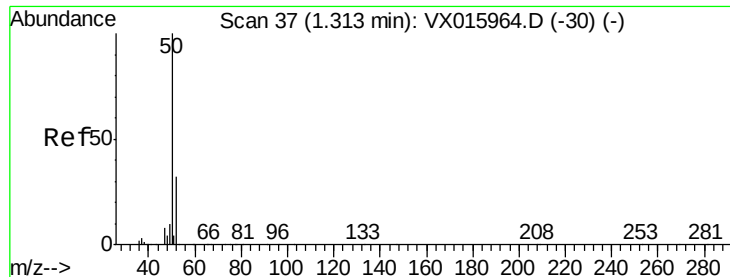
1.15

1.20

1.25

Time-->

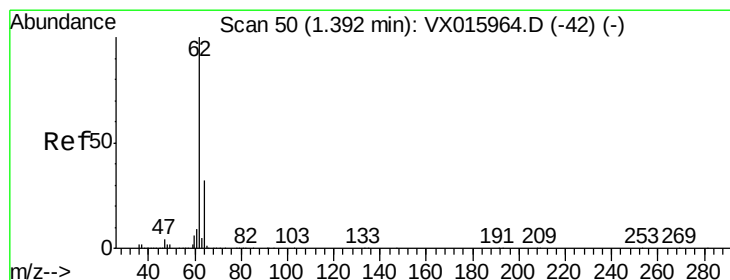
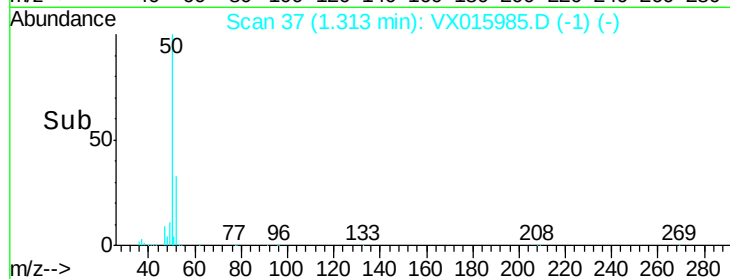
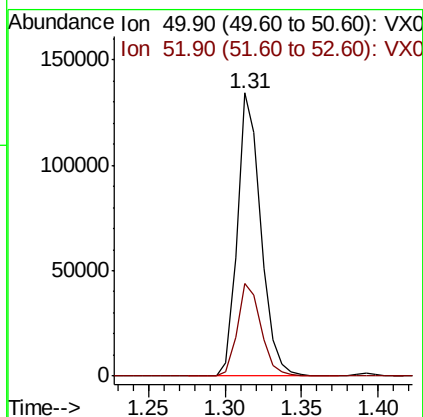
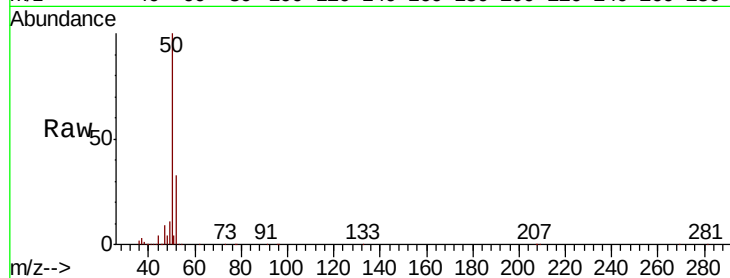




#3
Chloromethane
Concen: 49.145 ug/l
RT: 1.31 min Scan# 37
Delta R.T. 0.00 min
Lab File: VX015985.D
Acq: 29 Apr 2020 18:18

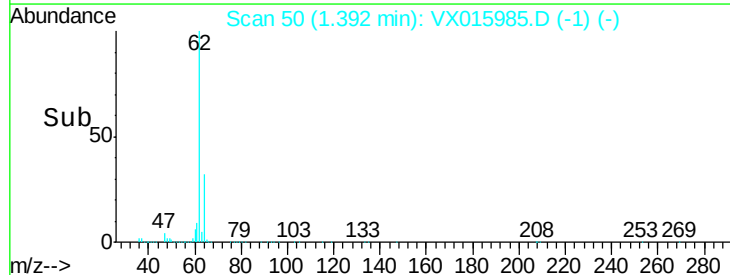
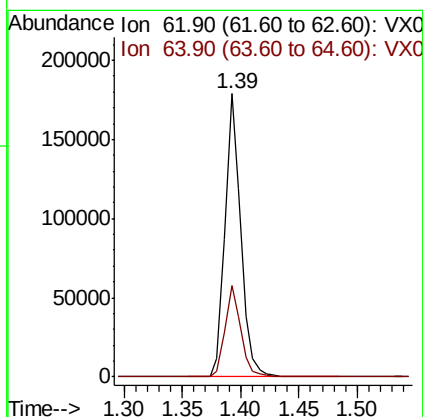
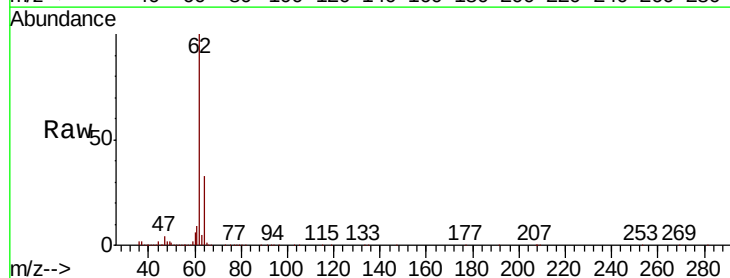
Instrument :
MSVOA_X
ClientSampled :

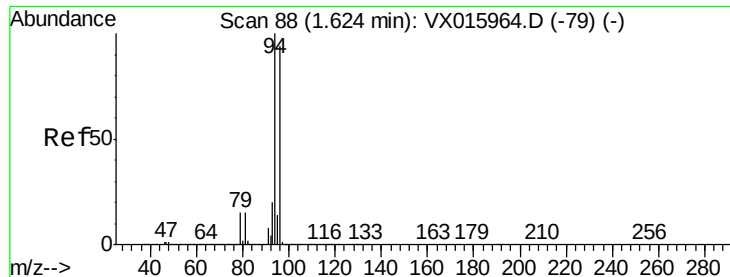
Tot Ion: 50 Resp: 143005
Ion Ratio Lower Upper
50 100
52 32.9 25.5 38.3



#4
Vinyl Chloride
Concen: 50.510 ug/l
RT: 1.39 min Scan# 50
Delta R.T. 0.00 min
Lab File: VX015985.D
Acq: 29 Apr 2020 18:18

Tgt Ion: 62 Resp: 166917
Ion Ratio Lower Upper
62 100
64 32.5 25.8 38.6





#5

Bromomethane

Concen: 46.788 ug/l

RT: 1.62 min Scan# 88

Delta R.T. 0.00 min

Lab File: VX015985.D

Acq: 29 Apr 2020 18:18

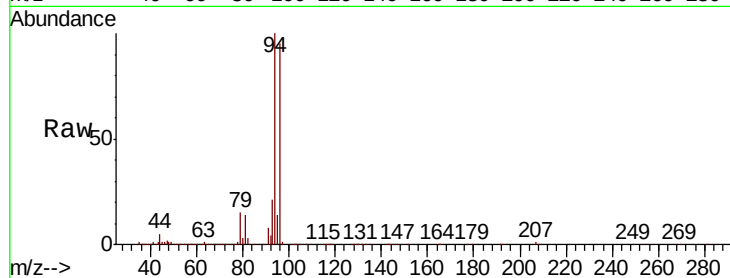
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 94 Resp: 103800

Ion Ratio Lower Upper

94 100

96 94.7 74.9 112.3



Abundance Ion 93.90 (93.60 to 94.60): VX0
Ion 95.90 (95.60 to 96.60): VX0

120000

100000

80000

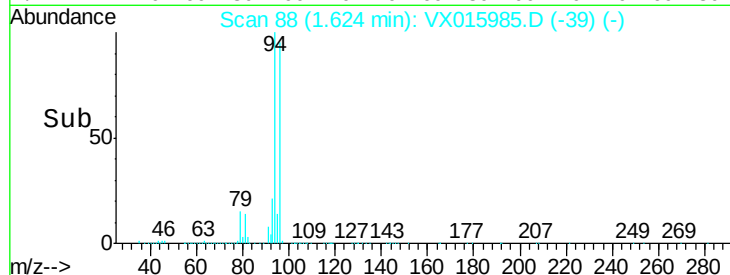
60000

40000

20000

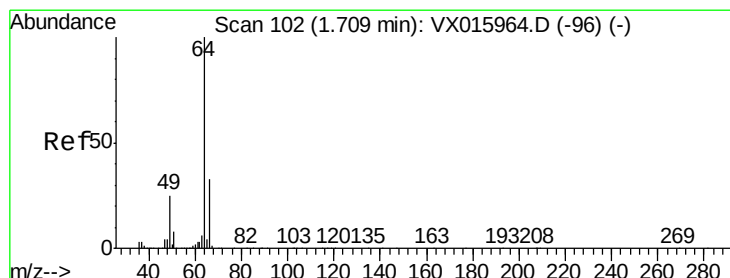
0

Time-->



1.62

1.60 1.65



#6

Chloroethane

Concen: 50.210 ug/l

RT: 1.71 min Scan# 102

Delta R.T. 0.00 min

Lab File: VX015985.D

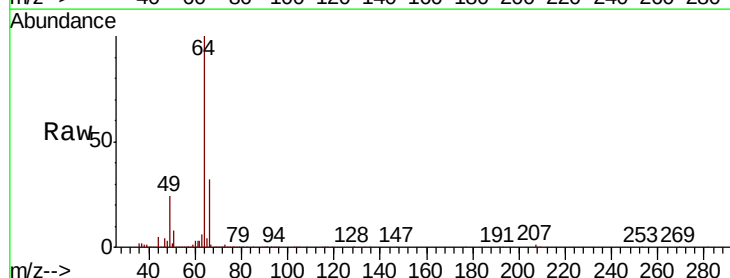
Acq: 29 Apr 2020 18:18

Tgt Ion: 64 Resp: 110371

Ion Ratio Lower Upper

64 100

66 31.6 26.2 39.2



Abundance Ion 63.90 (63.60 to 64.60): VX0
Ion 65.90 (65.60 to 66.60): VX0

100000

80000

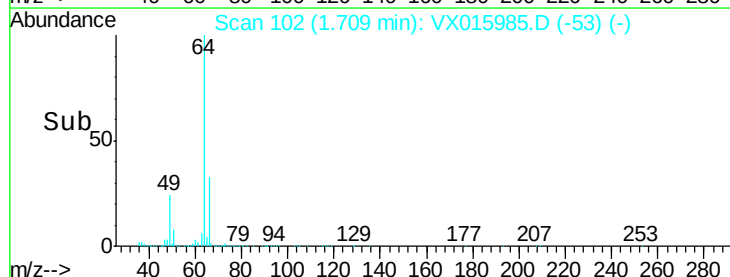
60000

40000

20000

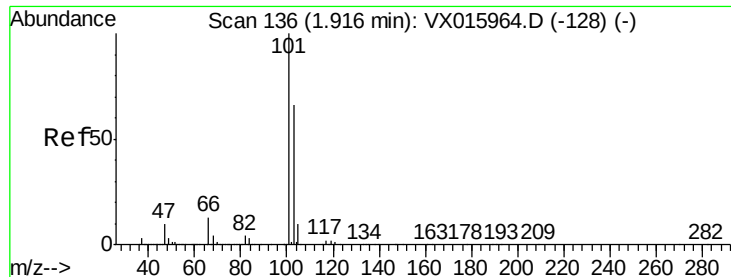
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Time-->



1.71

1.60 1.70 1.80

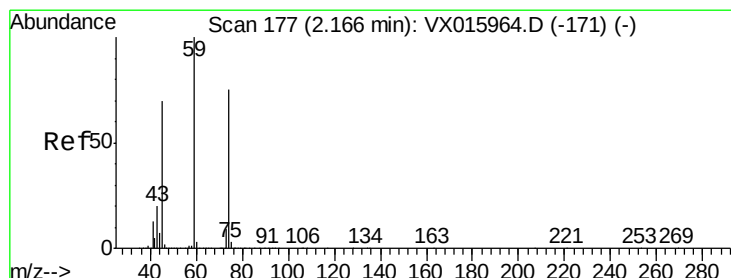
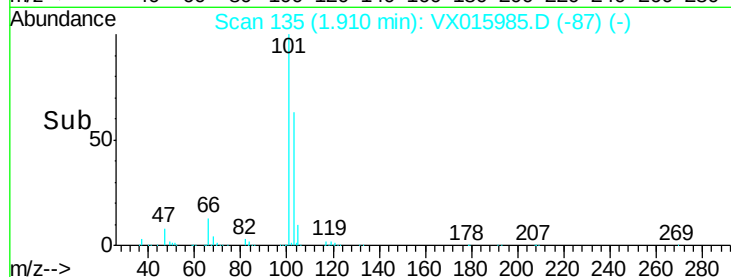
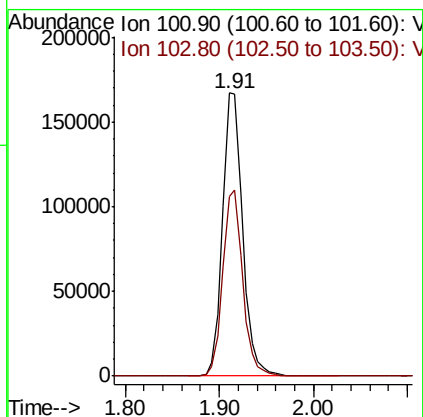
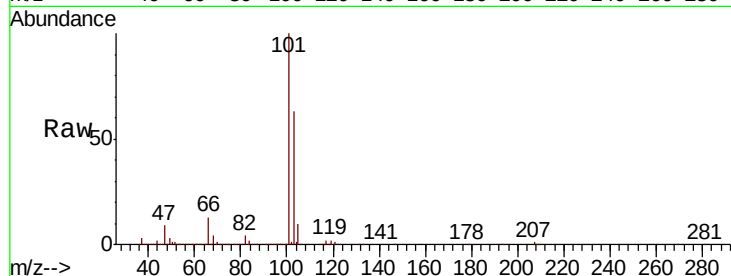


#7

Trichlorofluoromethane
Concen: 49.513 ug/l
RT: 1.91 min Scan# 135
Delta R.T. -0.01 min
Lab File: VX015985.D
Acq: 29 Apr 2020 18:18

Instrument :
MSVOA_X
ClientSampleId :

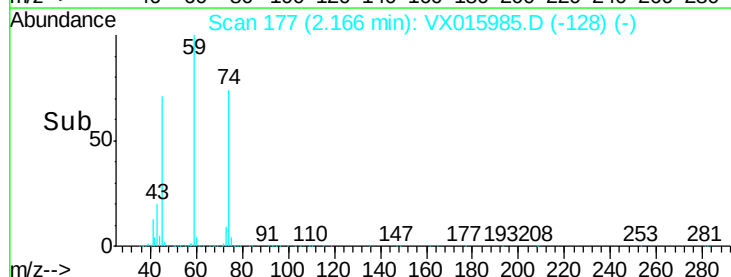
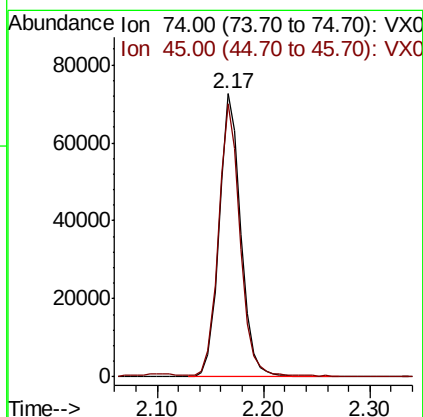
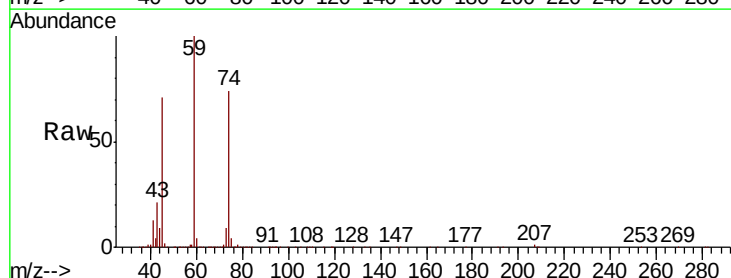
Tot Ion:101 Resp: 247313
Ion Ratio Lower Upper
101 100
103 63.3 52.4 78.6

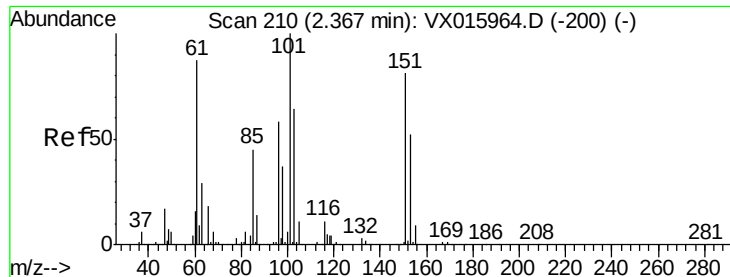


#8

Diethyl Ether
Concen: 49.058 ug/l
RT: 2.17 min Scan# 177
Delta R.T. 0.00 min
Lab File: VX015985.D
Acq: 29 Apr 2020 18:18

Tgt Ion: 74 Resp: 102300
Ion Ratio Lower Upper
74 100
45 96.1 47.1 141.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 50.738 ug/l

RT: 2.37 min Scan# 210

Delta R.T. 0.00 min

Lab File: VX015985.D

Acq: 29 Apr 2020 18:18

Instrument :

MSVOA_X

ClientSampleId :

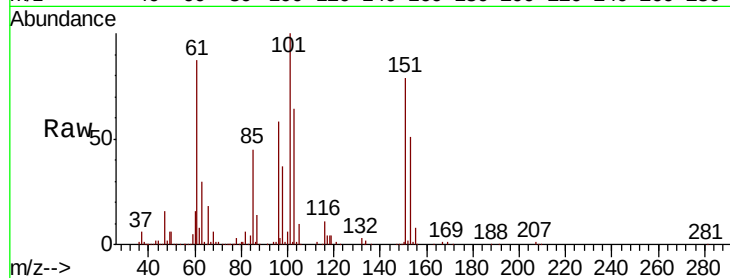
Tot Ion:101 Resp: 126328

Ion Ratio Lower Upper

101 100

85 45.4 36.3 54.5

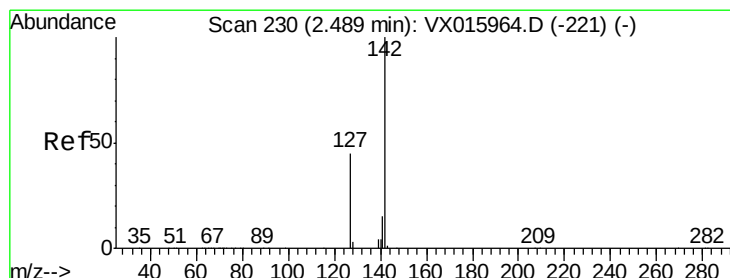
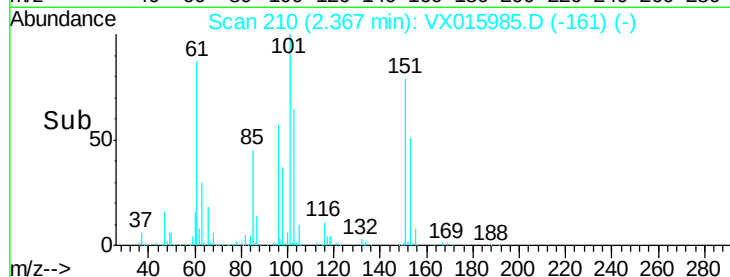
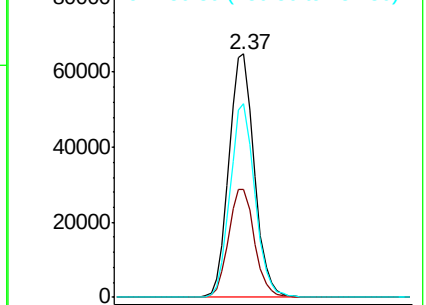
151 78.2 63.1 94.7



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 51.890 ug/l

RT: 2.49 min Scan# 230

Delta R.T. 0.00 min

Lab File: VX015985.D

Acq: 29 Apr 2020 18:18

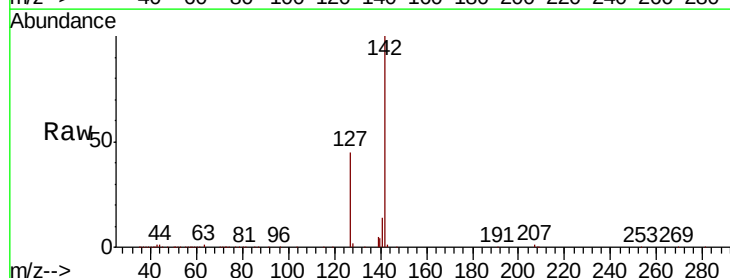
Tgt Ion:142 Resp: 180225

Ion Ratio Lower Upper

142 100

127 45.5 36.5 54.7

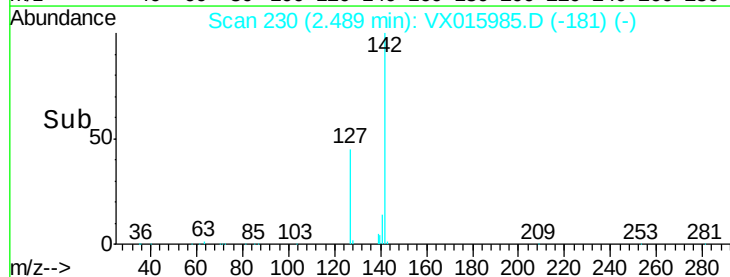
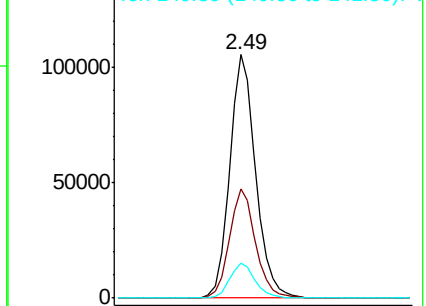
141 14.1 11.6 17.4

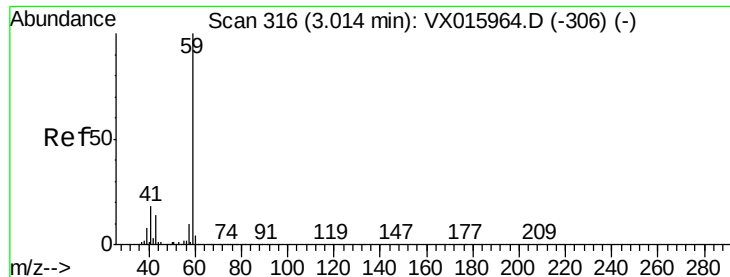


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



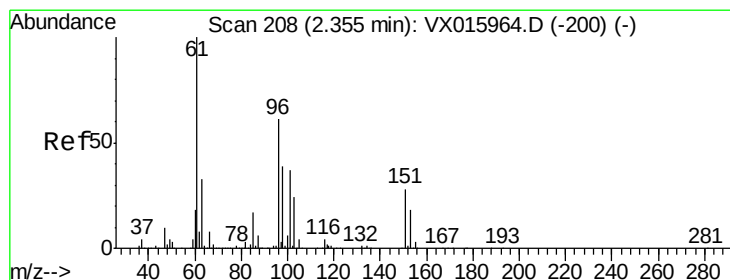
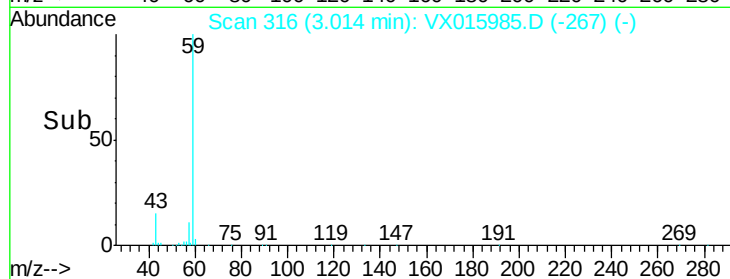
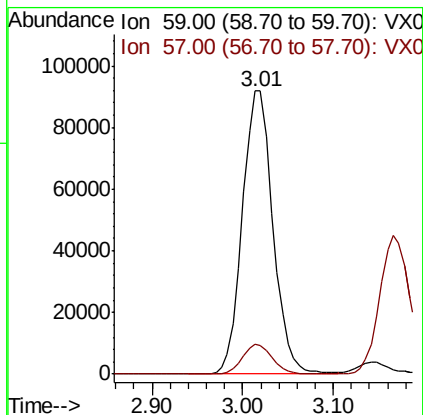
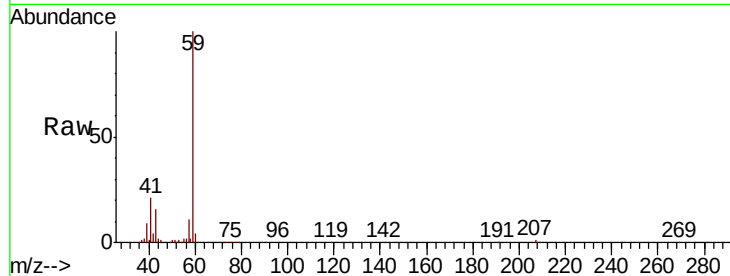


#11

Tert butyl alcohol
Concen: 252.007 ug/l
RT: 3.01 min Scan# 316
Delta R.T. 0.00 min
Lab File: VX015985.D
Acq: 29 Apr 2020 18:18

Instrument :
MSVOA_X
ClientSampleId :

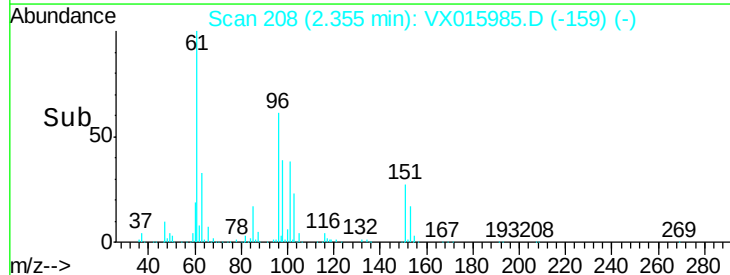
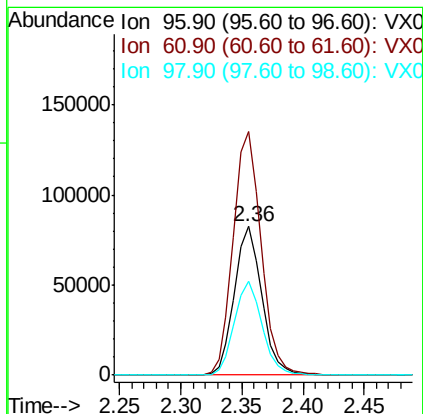
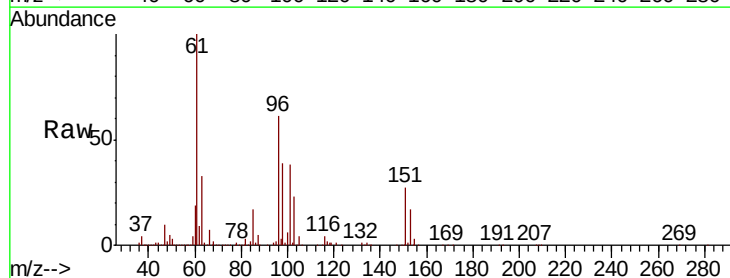
Tot Ion: 59 Resp: 214601
Ion Ratio Lower Upper
59 100
57 10.6 8.3 12.5

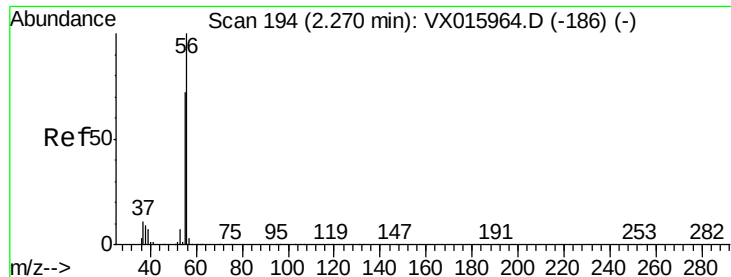


#12

1,1-Dichloroethene
Concen: 49.711 ug/l
RT: 2.36 min Scan# 208
Delta R.T. 0.00 min
Lab File: VX015985.D
Acq: 29 Apr 2020 18:18

Tgt Ion: 96 Resp: 127617
Ion Ratio Lower Upper
96 100
61 164.0 131.0 196.4
98 63.3 50.7 76.1





#13

Acrolein

Concen: 270.584 ug/l

RT: 2.27 min Scan# 194

Delta R.T. 0.00 min

Lab File: VX015985.D

Acq: 29 Apr 2020 18:18

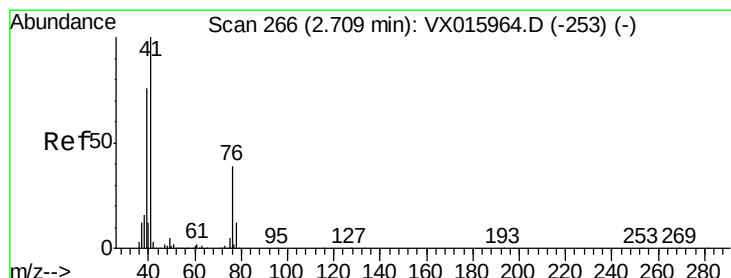
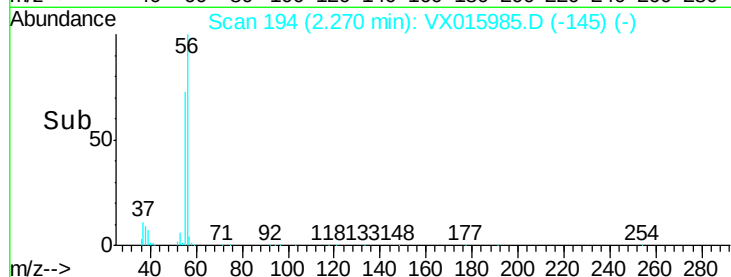
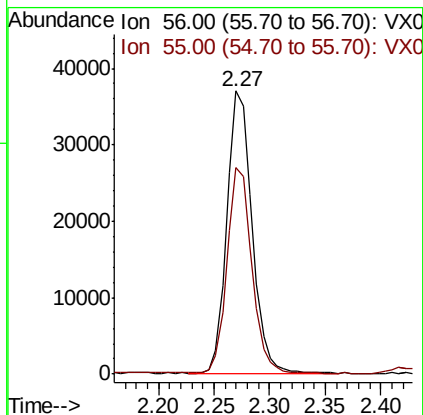
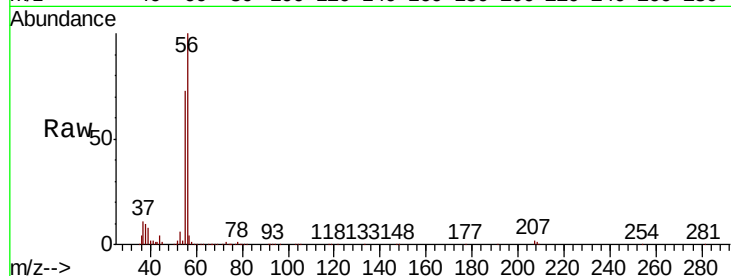
Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 56 Resp: 57907

Ion Ratio Lower Upper

56 100

55 71.8 56.9 85.3



#14

Allyl chloride

Concen: 51.695 ug/l

RT: 2.71 min Scan# 266

Delta R.T. 0.00 min

Lab File: VX015985.D

Acq: 29 Apr 2020 18:18

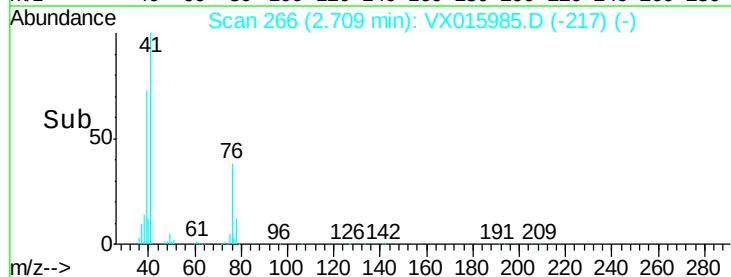
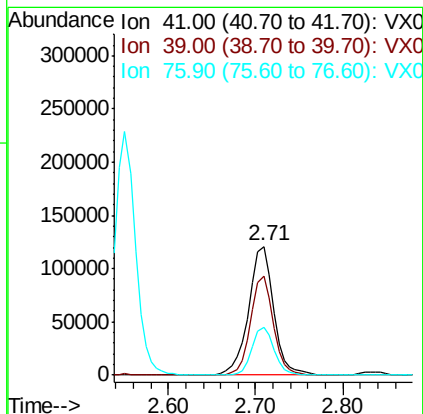
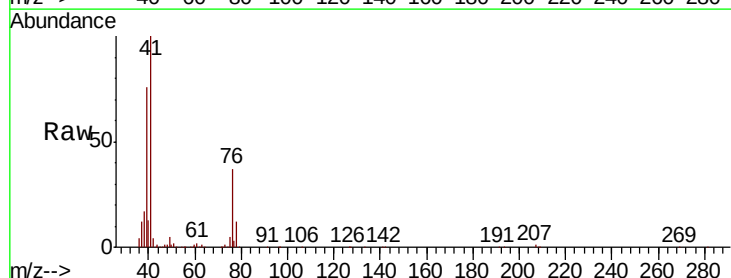
Tgt Ion: 41 Resp: 239299

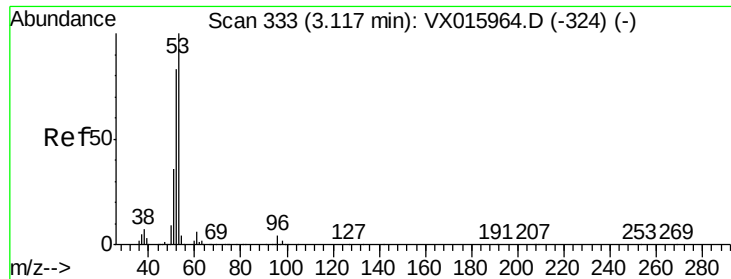
Ion Ratio Lower Upper

41 100

39 69.5 55.4 83.0

76 33.0 27.1 40.7





#15

Acrylonitrile

Concen: 258.307 ug/l

RT: 3.12 min Scan# 333

Delta R.T. 0.00 min

Lab File: VX015985.D

Acq: 29 Apr 2020 18:18

Instrument :

MSVOA_X

ClientSampleId :

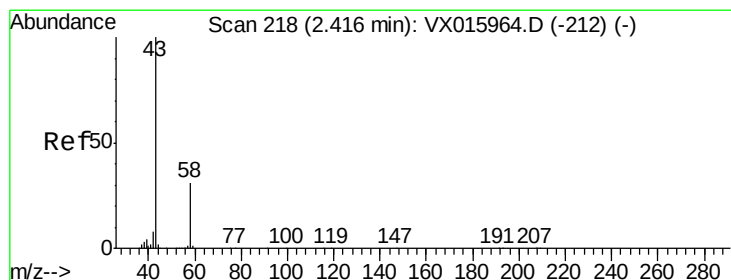
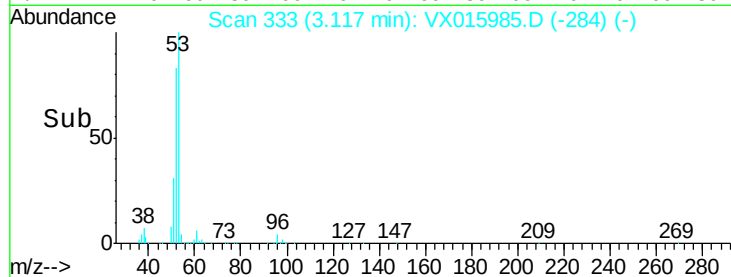
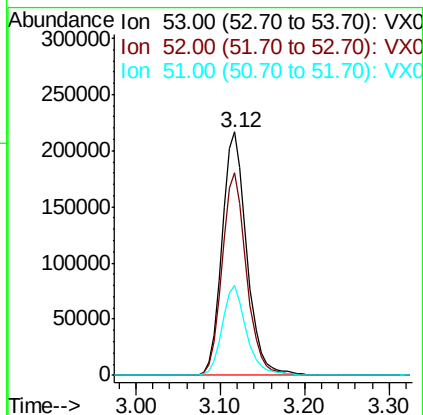
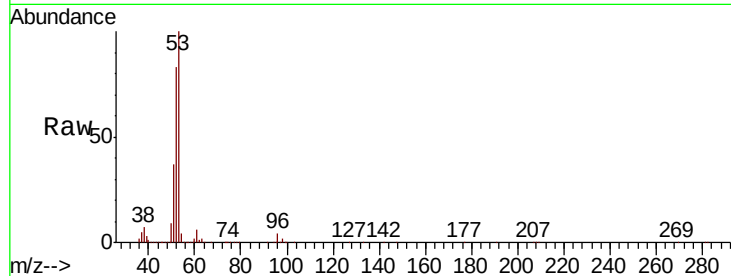
Tot Ion: 53 Resp: 436150

Ion Ratio Lower Upper

53 100

52 81.7 65.5 98.3

51 36.6 28.7 43.1



#16

Acetone

Concen: 259.141 ug/l

RT: 2.42 min Scan# 218

Delta R.T. 0.00 min

Lab File: VX015985.D

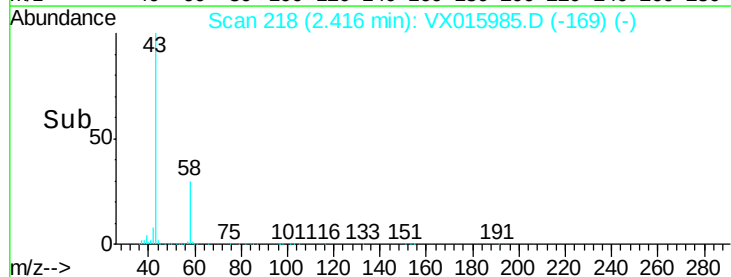
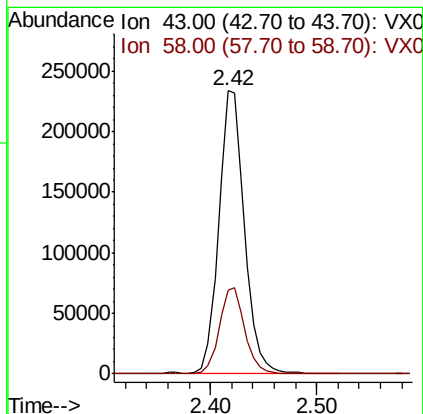
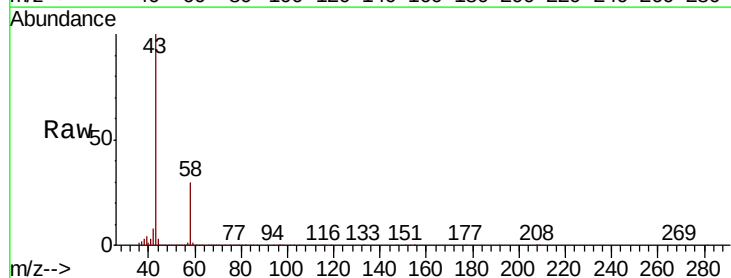
Acq: 29 Apr 2020 18:18

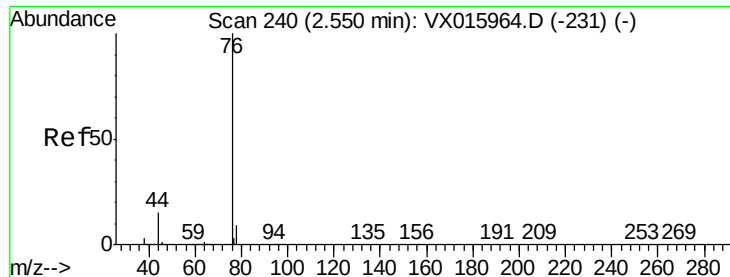
Tgt Ion: 43 Resp: 388747

Ion Ratio Lower Upper

43 100

58 29.8 25.1 37.7





#17

Carbon Disulfide

Concen: 49.643 ug/l

RT: 2.55 min Scan# 240

Delta R.T. 0.00 min

Lab File: VX015985.D

Acq: 29 Apr 2020 18:18

Instrument :

MSVOA_X

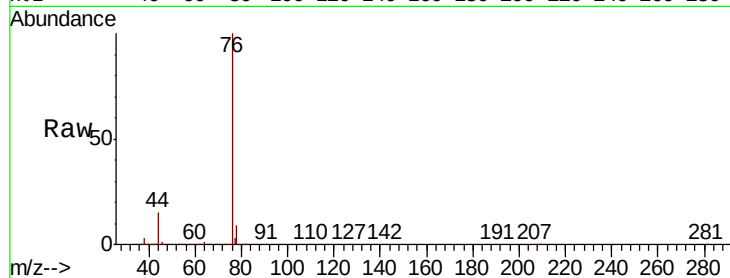
ClientSampleId :

Tot Ion: 76 Resp: 371808

Ion Ratio Lower Upper

76 100

78 8.8 7.4 11.0



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

2.55

250000

200000

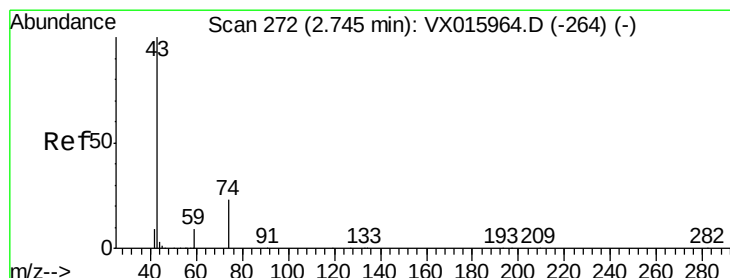
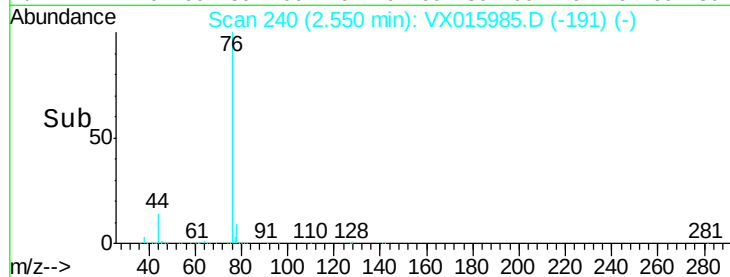
150000

100000

50000

0

Time-->



#18

Methyl Acetate

Concen: 51.864 ug/l

RT: 2.75 min Scan# 272

Delta R.T. 0.00 min

Lab File: VX015985.D

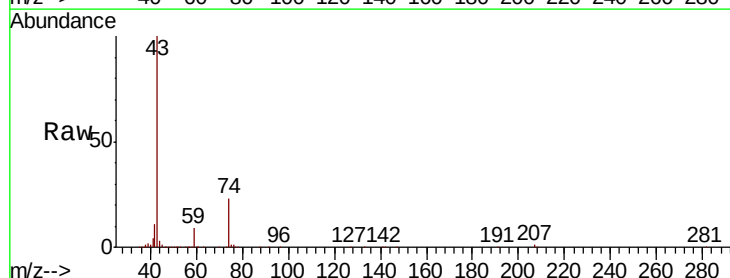
Acq: 29 Apr 2020 18:18

Tgt Ion: 43 Resp: 220785

Ion Ratio Lower Upper

43 100

74 24.1 19.6 29.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

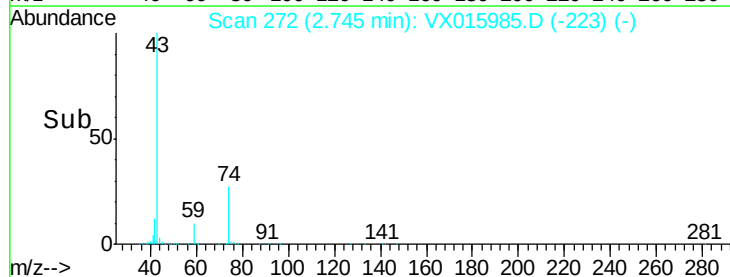
2.75

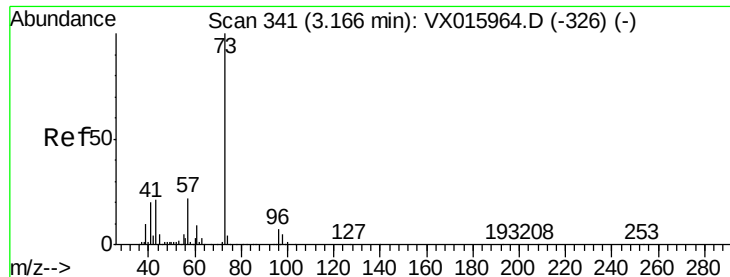
100000

50000

0

Time-->



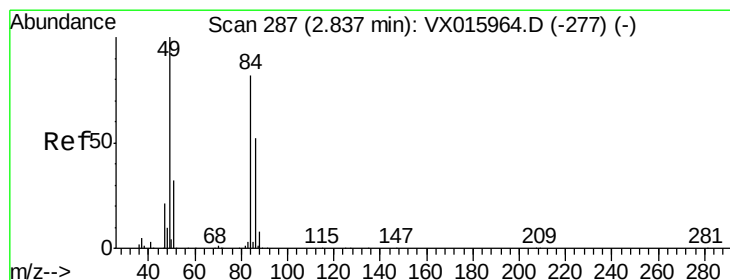
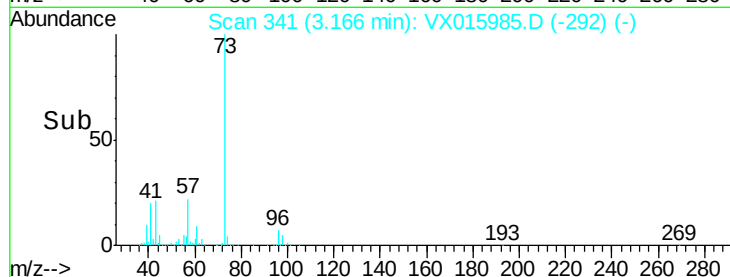
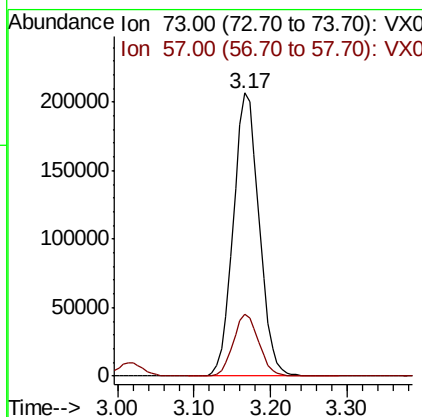
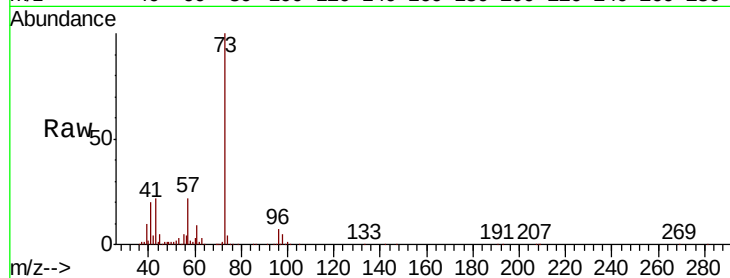


#19

Methyl tert-butyl Ether
 Concen: 51.834 ug/l
 RT: 3.17 min Scan# 341
 Delta R.T. 0.00 min
 Lab File: VX015985.D
 Acq: 29 Apr 2020 18:18

Instrument :
 MSVOA_X
 ClientSampleId :

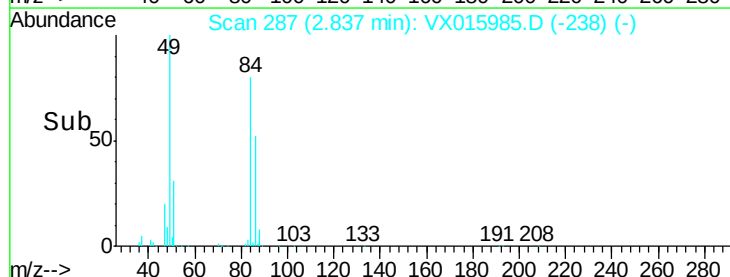
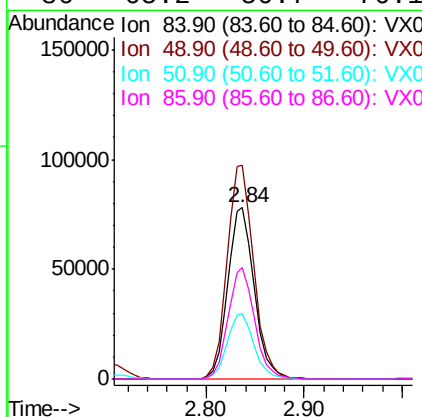
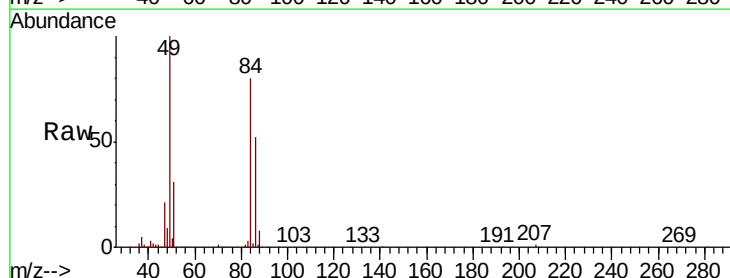
Tot Ion: 73 Resp: 481278
 Ion Ratio Lower Upper
 73 100
 57 21.8 17.5 26.3

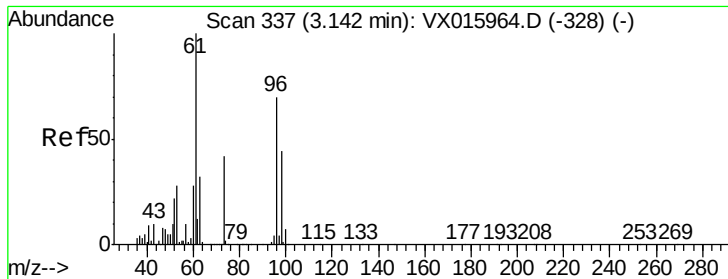


#20

Methylene Chloride
 Concen: 49.326 ug/l
 RT: 2.84 min Scan# 287
 Delta R.T. 0.00 min
 Lab File: VX015985.D
 Acq: 29 Apr 2020 18:18

Tgt Ion: 84 Resp: 146481
 Ion Ratio Lower Upper
 84 100
 49 124.7 97.9 146.9
 51 38.3 31.2 46.8
 86 65.2 50.7 76.1





#21

trans-1,2-Dichloroethene

Concen: 48.756 ug/l

RT: 3.14 min Scan# 337

Delta R.T. 0.00 min

Lab File: VX015985.D

Acq: 29 Apr 2020 18:18

Instrument :
MSVOA_X
ClientSampleId :

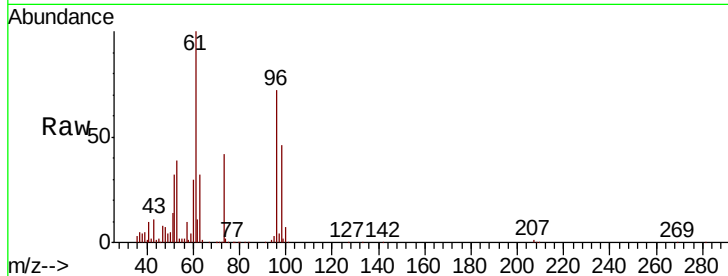
Tot Ion: 96 Resp: 141061

Ion Ratio Lower Upper

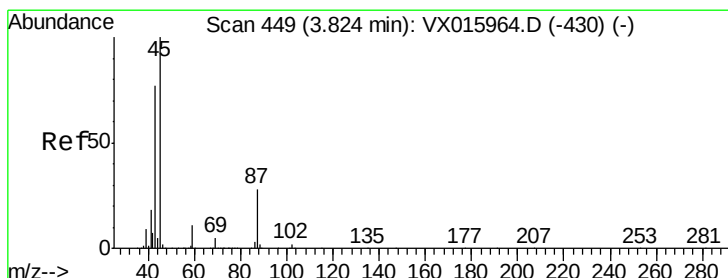
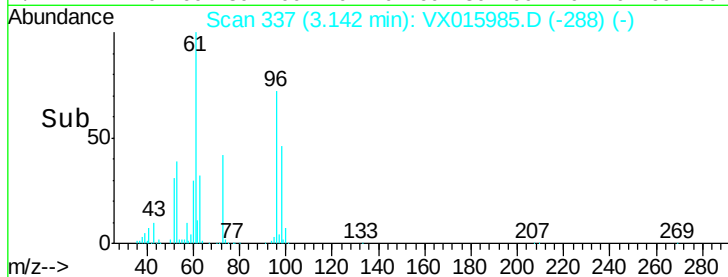
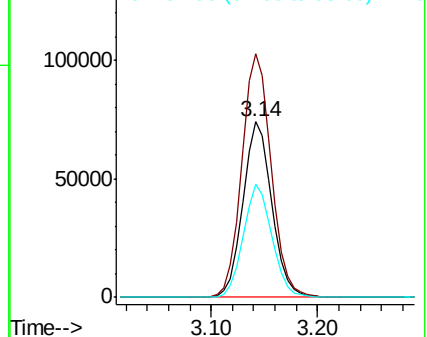
96 100

61 138.9 113.6 170.4

98 64.6 50.3 75.5



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



#22

Diisopropyl ether

Concen: 52.016 ug/l

RT: 3.82 min Scan# 449

Delta R.T. 0.00 min

Lab File: VX015985.D

Acq: 29 Apr 2020 18:18

Tgt Ion: 45 Resp: 473385

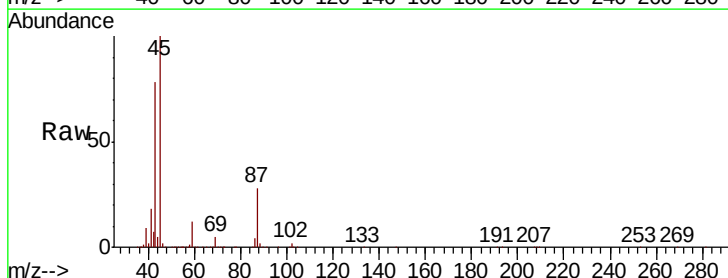
Ion Ratio Lower Upper

45 100

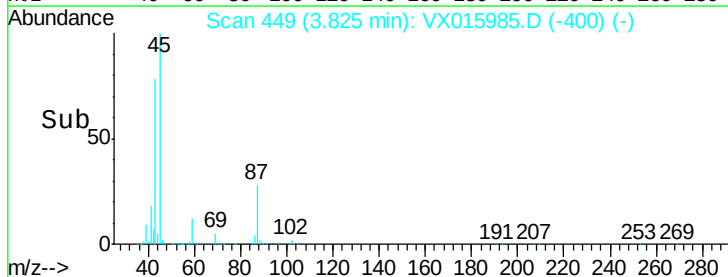
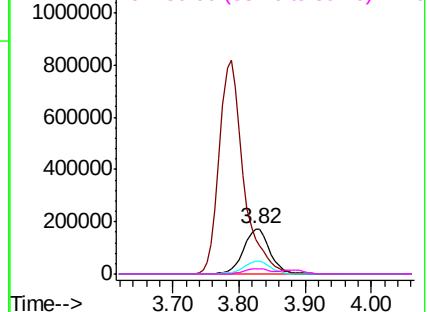
43 77.9 61.3 91.9

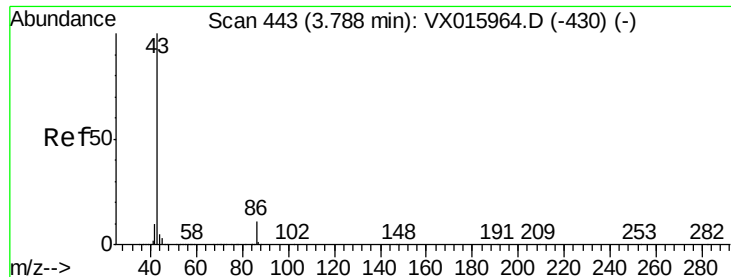
87 27.5 22.6 33.8

59 12.1 9.0 13.6



Abundance Ion 45.00 (44.70 to 45.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 87.00 (86.70 to 87.70): VX0
Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 264.768 ug/l

RT: 3.79 min Scan# 443

Delta R.T. 0.00 min

Lab File: VX015985.D

Acq: 29 Apr 2020 18:18

Instrument :

MSVOA_X

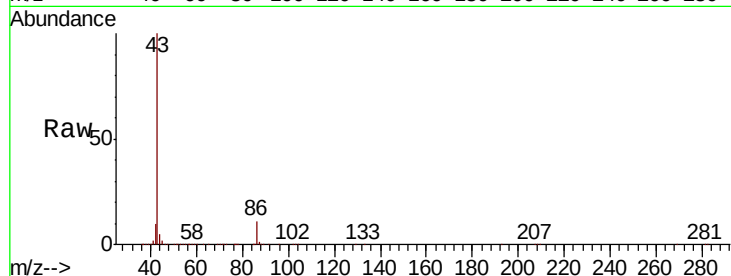
ClientSampleId :

Tot Ion: 43 Resp: 2093143

Ion Ratio Lower Upper

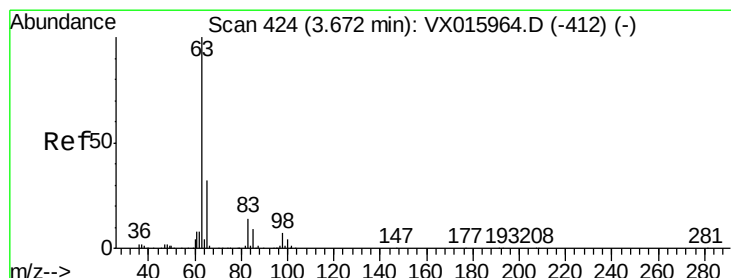
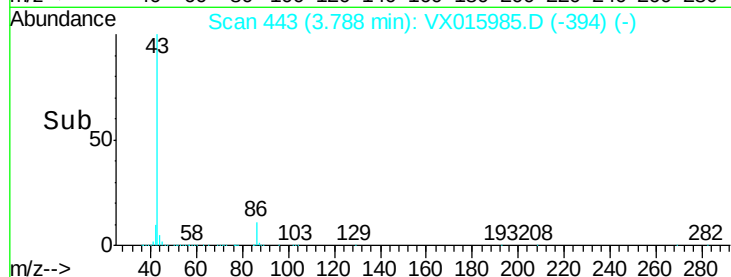
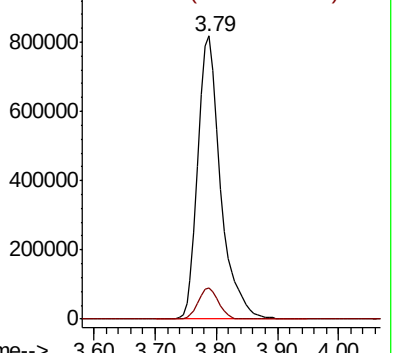
43 100

86 10.9 8.9 13.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 52.162 ug/l

RT: 3.67 min Scan# 424

Delta R.T. 0.00 min

Lab File: VX015985.D

Acq: 29 Apr 2020 18:18

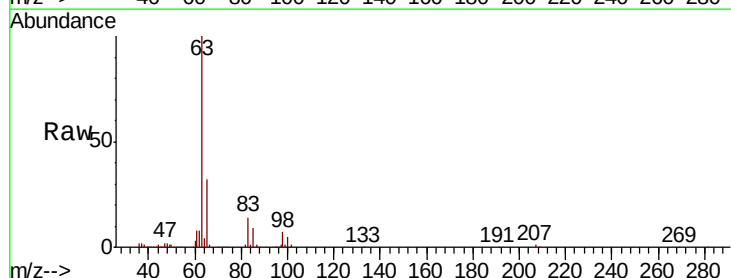
Tgt Ion: 63 Resp: 264446

Ion Ratio Lower Upper

63 100

98 7.1 3.6 10.8

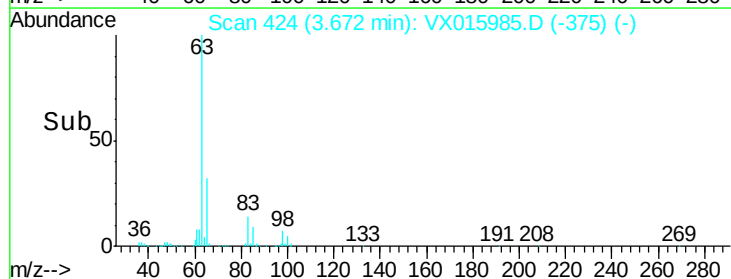
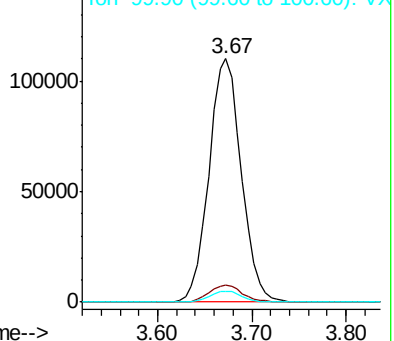
100 4.5 2.2 6.6

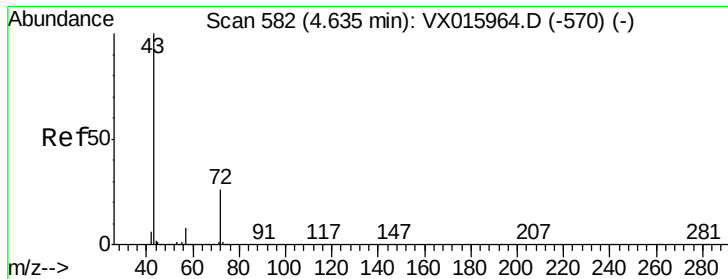


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 259.670 ug/l

RT: 4.64 min Scan# 582

Delta R.T. 0.00 min

Lab File: VX015985.D

Acq: 29 Apr 2020 18:18

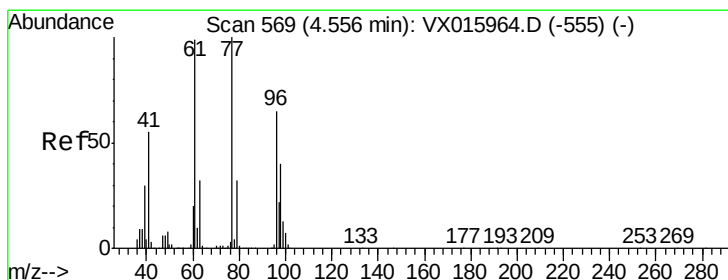
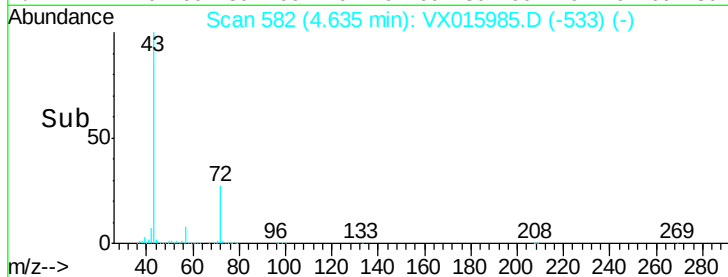
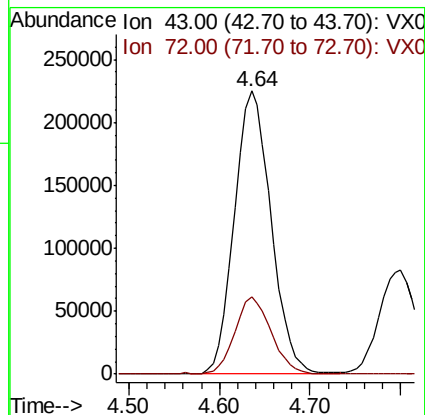
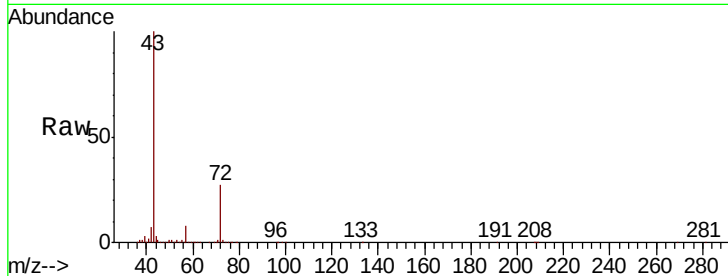
Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 43 Resp: 631243

Ion Ratio Lower Upper

43 100

72 27.2 21.0 31.4



#26

2,2-Dichloropropane

Concen: 48.055 ug/l

RT: 4.55 min Scan# 568

Delta R.T. -0.01 min

Lab File: VX015985.D

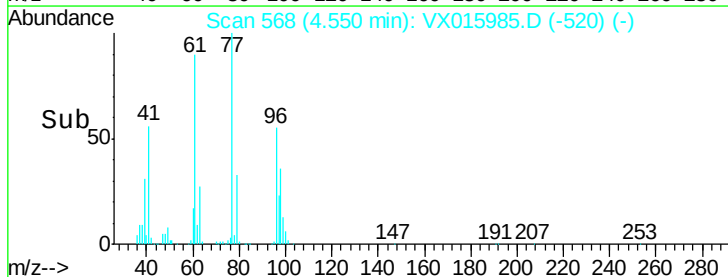
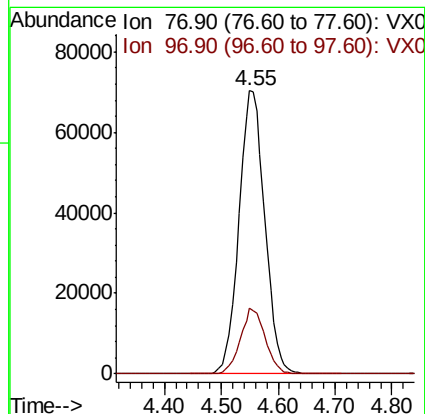
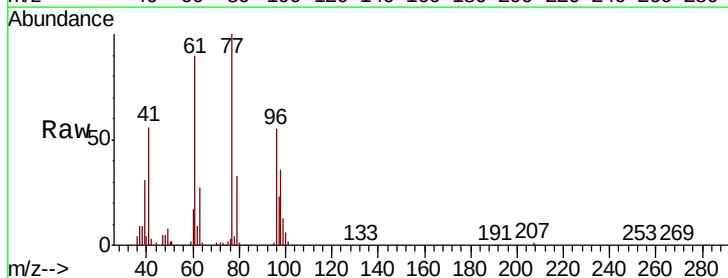
Acq: 29 Apr 2020 18:18

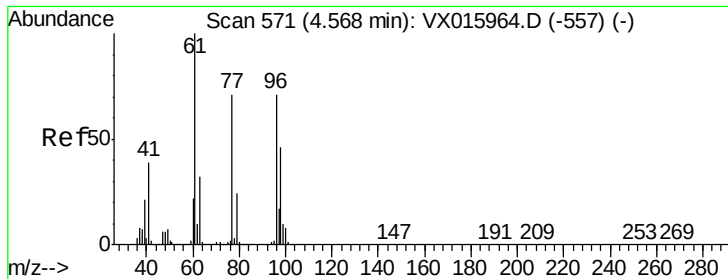
Tgt Ion: 77 Resp: 222751

Ion Ratio Lower Upper

77 100

97 22.4 11.1 33.3



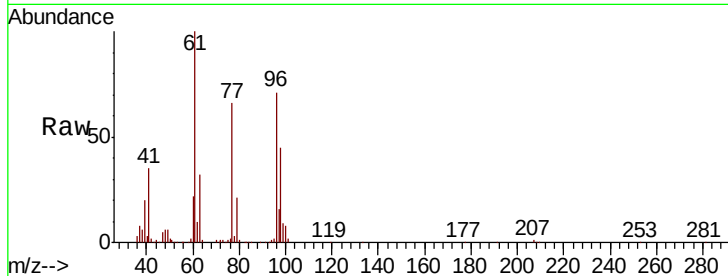


#27

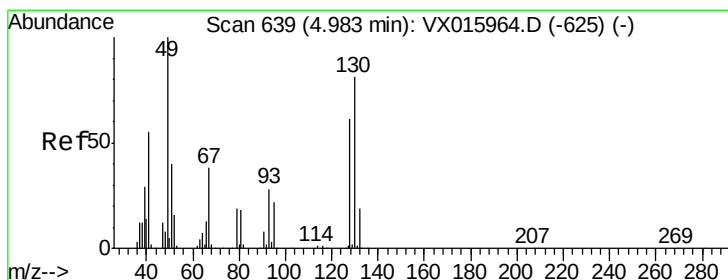
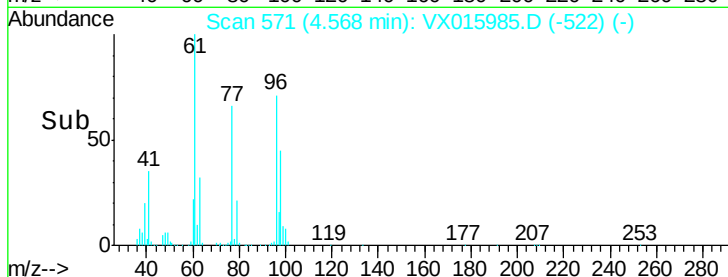
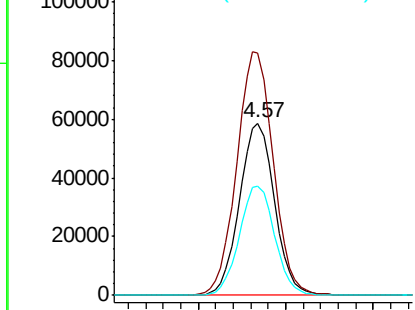
cis-1,2-Dichloroethene
Concen: 49.753 ug/l
RT: 4.57 min Scan# 571
Delta R.T. 0.00 min
Lab File: VX015985.D
Acq: 29 Apr 2020 18:18

Instrument :
MSVOA_X
ClientSampled :

Tot Ion	96	Resp	163349
Ion	Ratio	Lower	Upper
96	100		
61	148.2	0.0	294.2
98	64.5	0.0	127.4



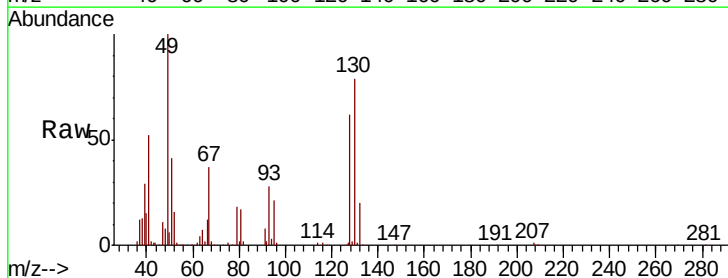
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



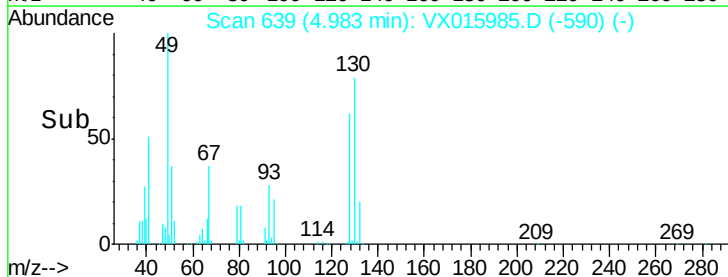
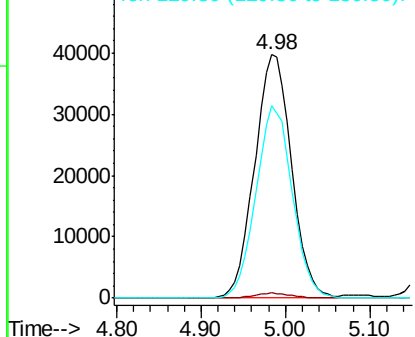
#28

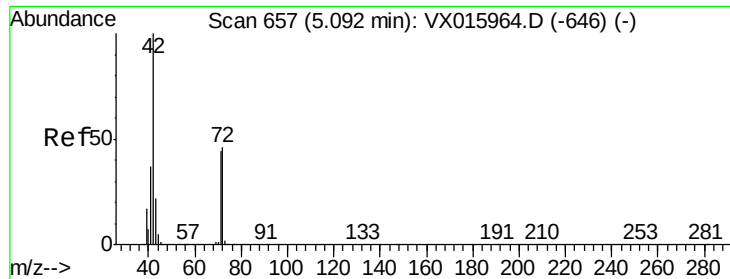
Bromochloromethane
Concen: 48.612 ug/l
RT: 4.98 min Scan# 639
Delta R.T. 0.00 min
Lab File: VX015985.D
Acq: 29 Apr 2020 18:18

Tgt Ion	49	Resp	119259
Ion	Ratio	Lower	Upper
49	100		
129	2.1	0.0	4.6
130	78.2	63.9	95.9



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

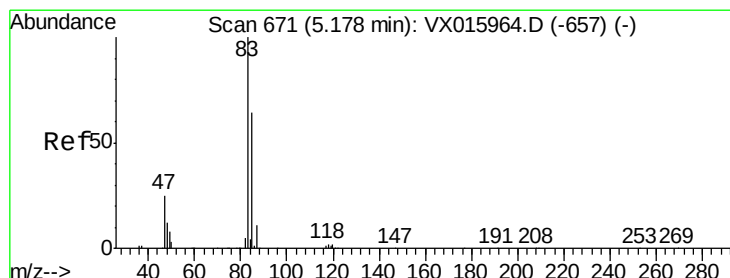
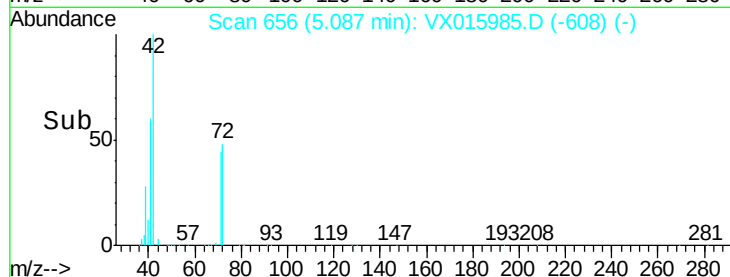
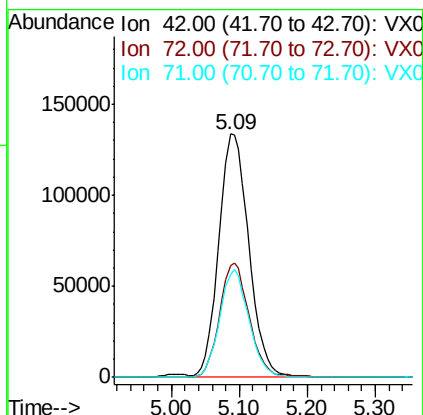
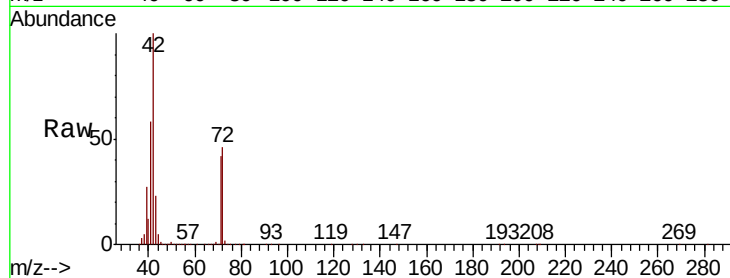




#29
Tetrahydrofuran
Concen: 256.303 ug/l
RT: 5.09 min Scan# 656
Delta R.T. -0.01 min
Lab File: VX015985.D
Acq: 29 Apr 2020 18:18

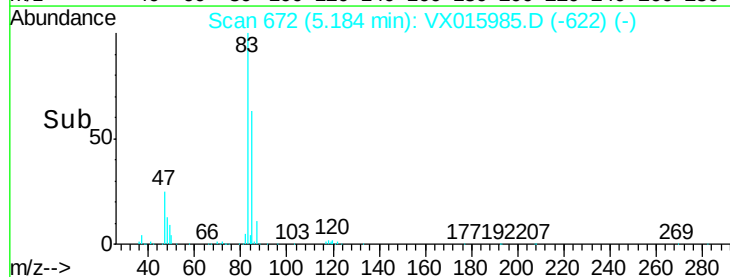
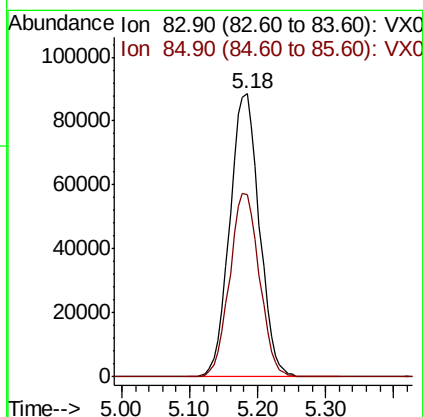
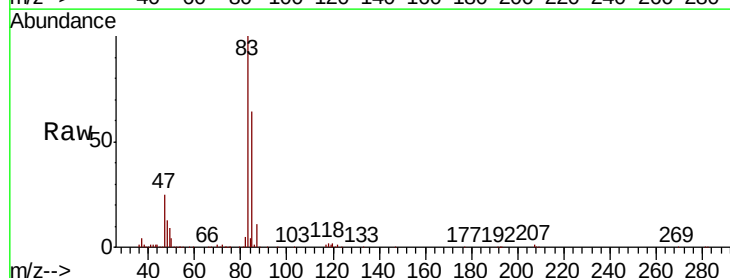
Instrument :
MSVOA_X
ClientSampleId :

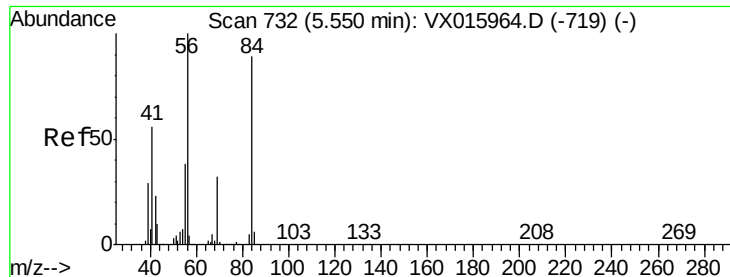
Tot Ion: 42 Resp: 408325
Ion Ratio Lower Upper
42 100
72 46.7 37.4 56.0
71 43.2 34.6 52.0



#30
Chloroform
Concen: 50.706 ug/l
RT: 5.18 min Scan# 672
Delta R.T. 0.01 min
Lab File: VX015985.D
Acq: 29 Apr 2020 18:18

Tgt Ion: 83 Resp: 267308
Ion Ratio Lower Upper
83 100
85 64.2 51.0 76.4

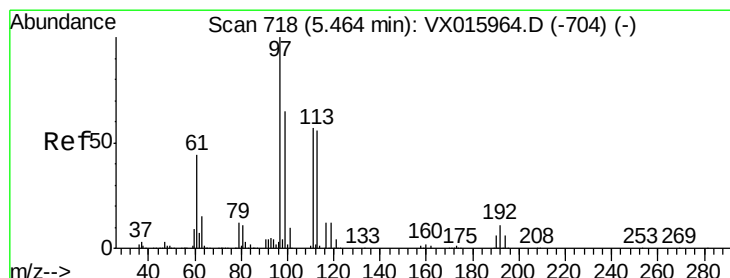
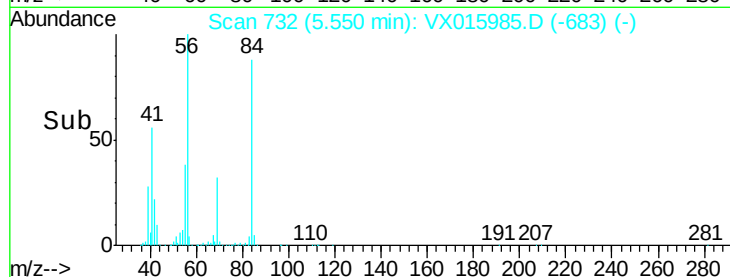
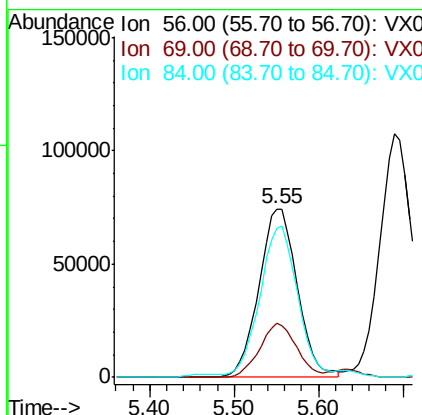
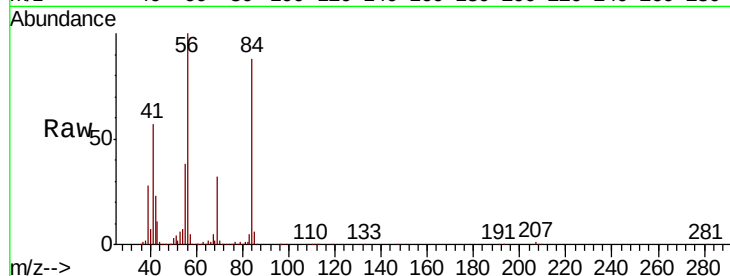




#31
Cyclohexane
Concen: 51.672 ug/l
RT: 5.55 min Scan# 732
Delta R.T. 0.00 min
Lab File: VX015985.D
Acq: 29 Apr 2020 18:18

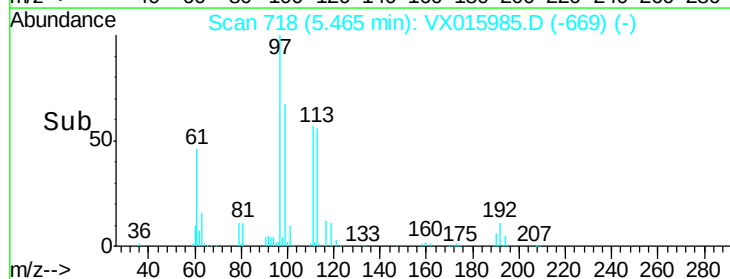
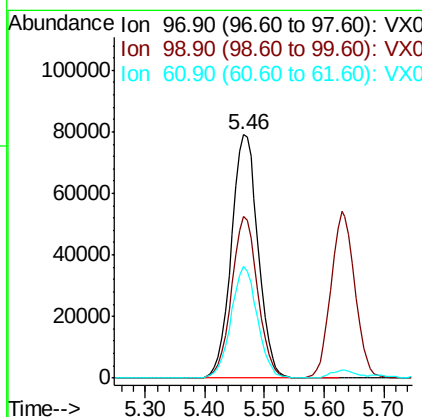
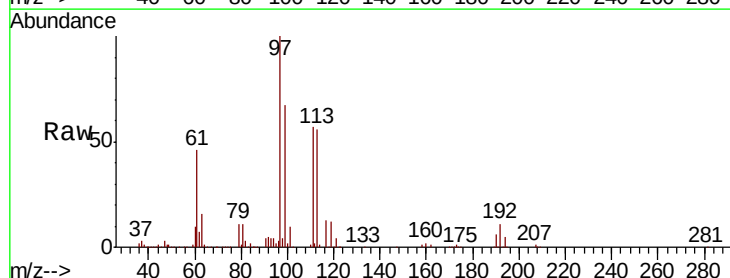
Instrument :
MSVOA_X
ClientSampled :

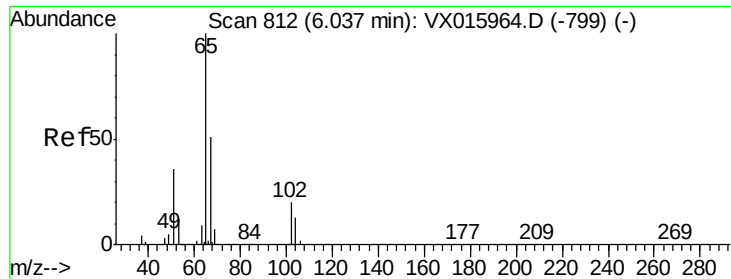
Tot Ion: 56 Resp: 233211
Ion Ratio Lower Upper
56 100
69 31.9 25.4 38.2
84 87.2 71.0 106.6



#32
1,1,1-Trichloroethane
Concen: 50.768 ug/l
RT: 5.46 min Scan# 718
Delta R.T. 0.00 min
Lab File: VX015985.D
Acq: 29 Apr 2020 18:18

Tgt Ion: 97 Resp: 246418
Ion Ratio Lower Upper
97 100
99 64.8 51.4 77.0
61 45.1 35.7 53.5

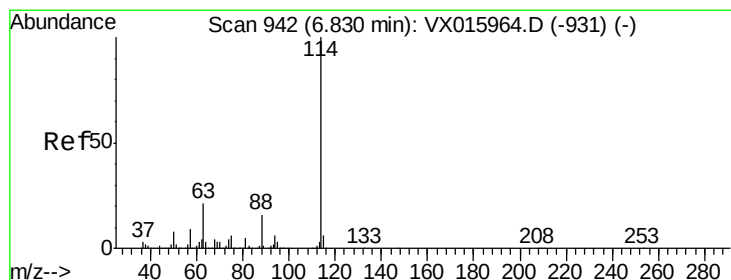
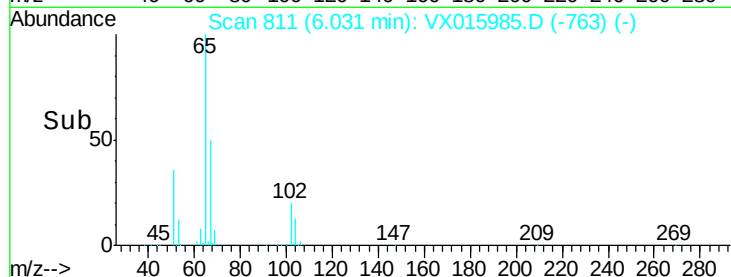
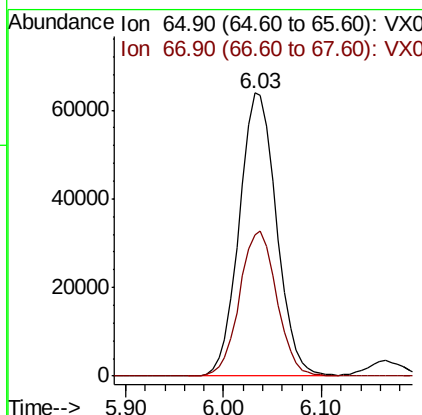
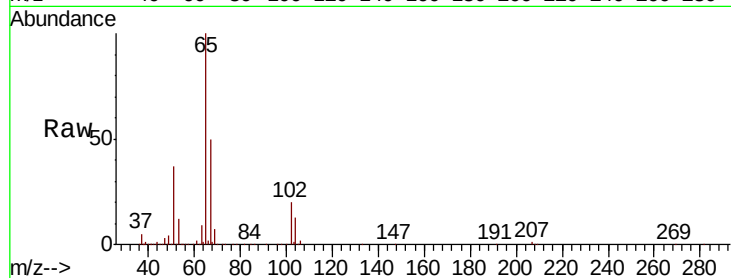




#33
 1,2-Dichloroethane-d4
 Concen: 48.160 ug/l
 RT: 6.03 min Scan# 811
 Delta R.T. -0.01 min
 Lab File: VX015985.D
 Acq: 29 Apr 2020 18:18

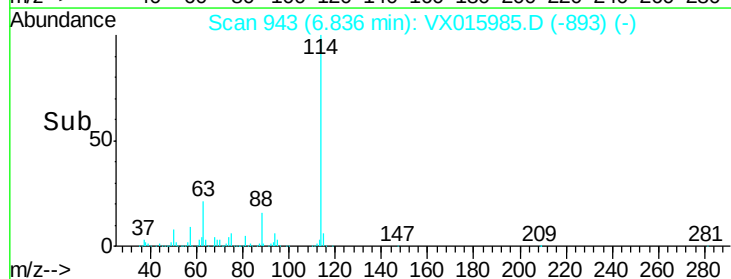
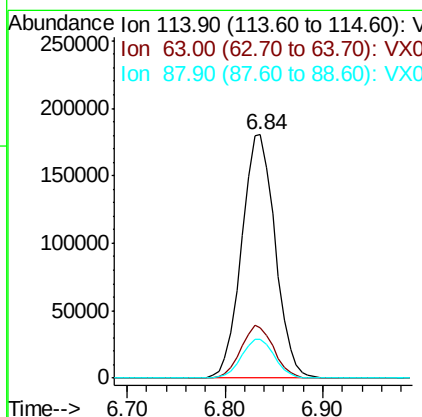
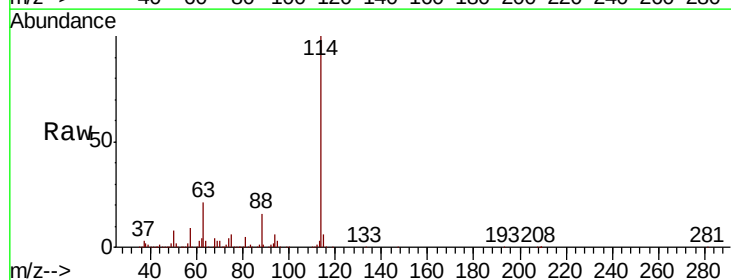
Instrument :
 MSVOA_X
 ClientSampleId :

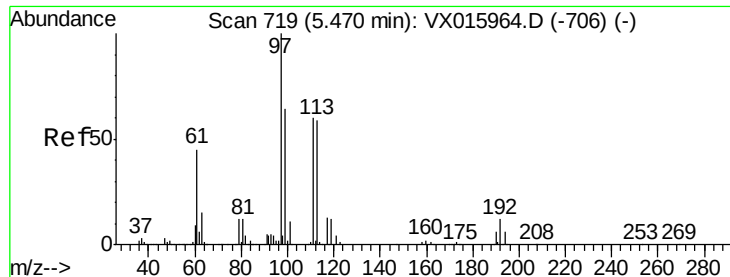
Tot Ion: 65 Resp: 168951
 Ion Ratio Lower Upper
 65 100
 67 51.1 0.0 102.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.84 min Scan# 943
 Delta R.T. 0.01 min
 Lab File: VX015985.D
 Acq: 29 Apr 2020 18:18

Tgt Ion: 114 Resp: 428340
 Ion Ratio Lower Upper
 114 100
 63 20.8 0.0 41.2
 88 16.1 0.0 31.8

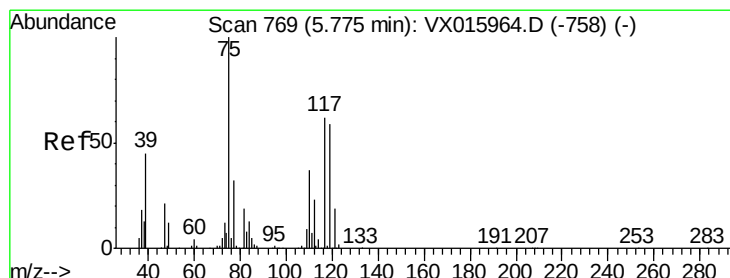
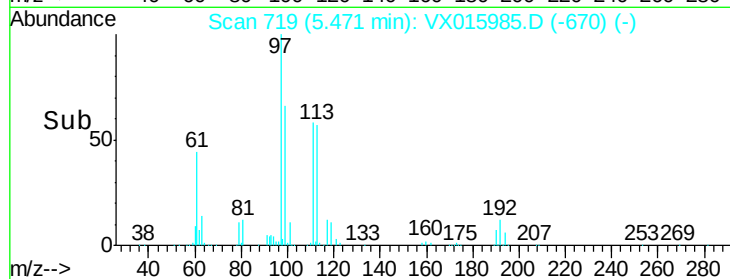
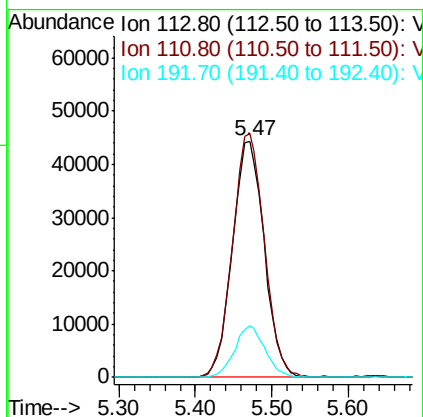
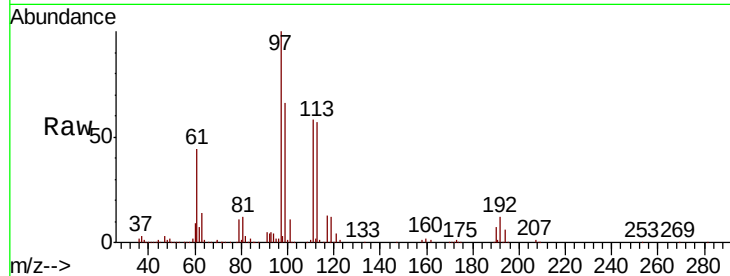




#35
 Dibromofluoromethane
 Concen: 47.881 ug/l
 RT: 5.47 min Scan# 719
 Delta R.T. 0.00 min
 Lab File: VX015985.D
 Acq: 29 Apr 2020 18:18

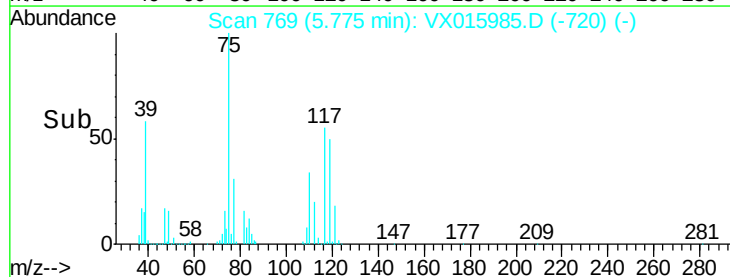
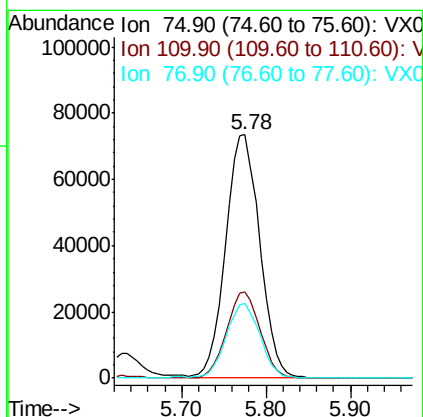
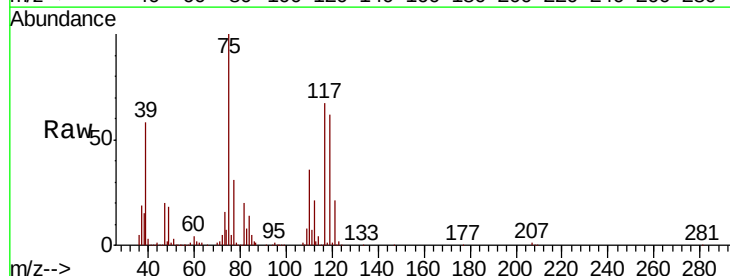
Instrument :
 MSVOA_X
 ClientSampled :

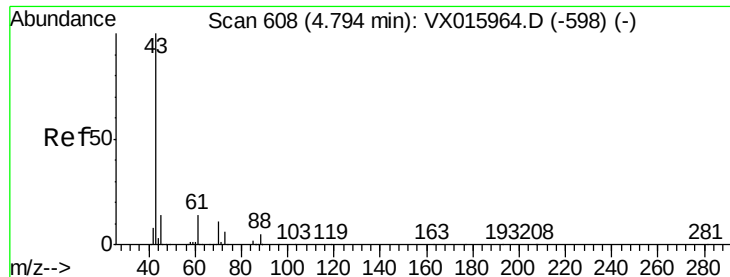
Tot Ion:113 Resp: 127938
 Ion Ratio Lower Upper
 113 100
 111 103.1 81.8 122.8
 192 21.1 16.8 25.2



#36
 1,1-Dichloropropene
 Concen: 49.377 ug/l
 RT: 5.78 min Scan# 769
 Delta R.T. 0.00 min
 Lab File: VX015985.D
 Acq: 29 Apr 2020 18:18

Tgt Ion: 75 Resp: 201444
 Ion Ratio Lower Upper
 75 100
 110 34.9 17.9 53.7
 77 30.7 25.2 37.8

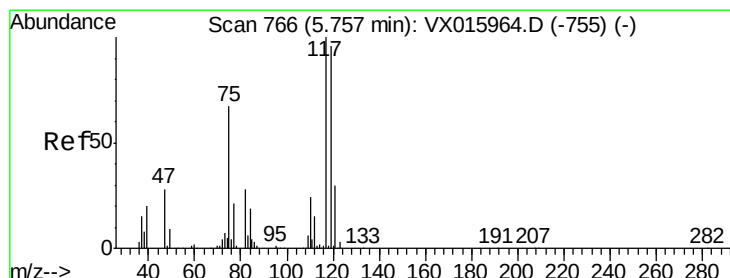
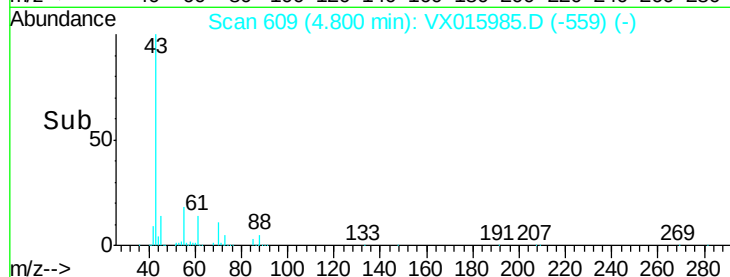
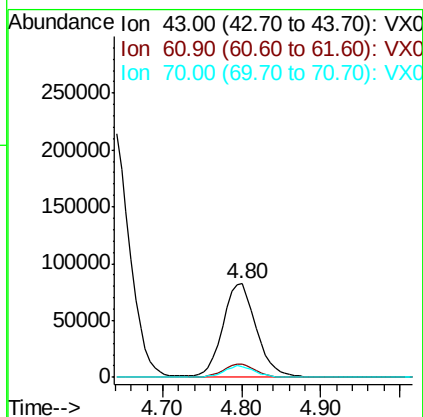
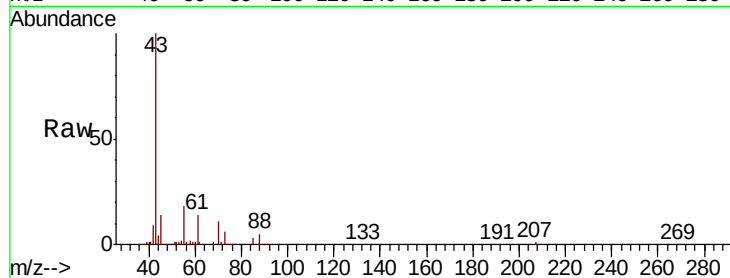




#37
Ethyl Acetate
Concen: 51.819 ug/l
RT: 4.80 min Scan# 609
Delta R.T. 0.01 min
Lab File: VX015985.D
Acq: 29 Apr 2020 18:18

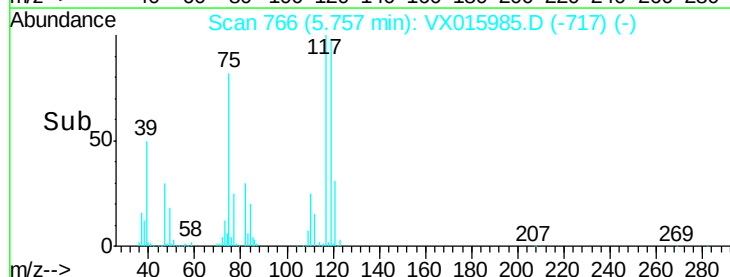
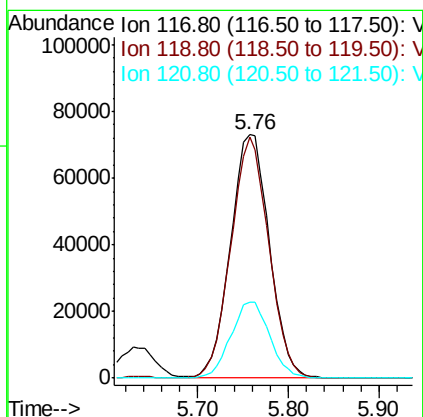
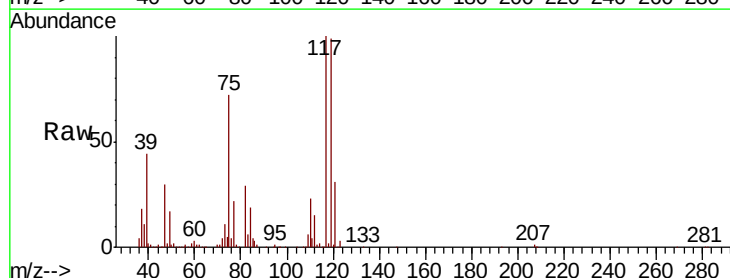
Instrument :
MSVOA_X
ClientSampleId :

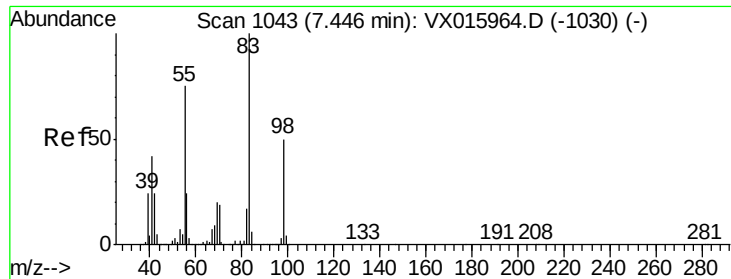
Tot Ion: 43 Resp: 242414
Ion Ratio Lower Upper
43 100
61 13.5 11.6 17.4
70 11.2 8.9 13.3



#38
Carbon Tetrachloride
Concen: 50.328 ug/l
RT: 5.76 min Scan# 766
Delta R.T. 0.00 min
Lab File: VX015985.D
Acq: 29 Apr 2020 18:18

Tgt Ion: 117 Resp: 216871
Ion Ratio Lower Upper
117 100
119 98.8 76.2 114.4
121 31.3 24.2 36.4

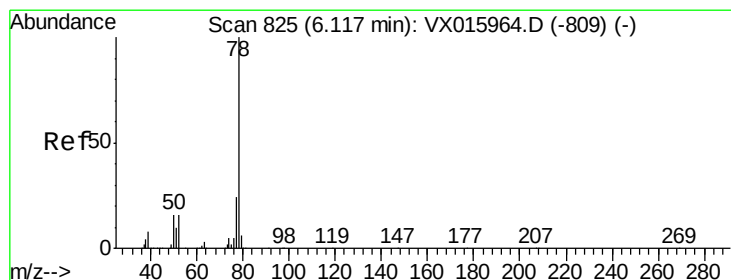
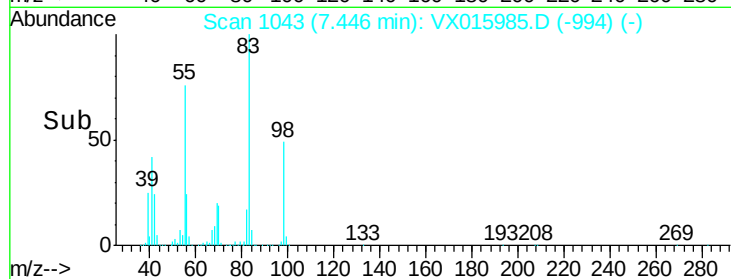
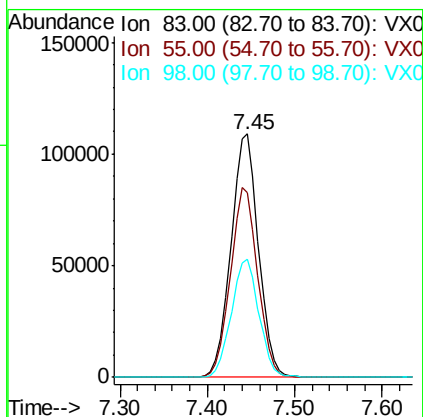
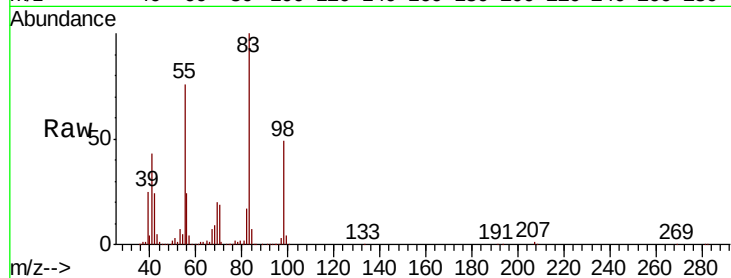




#39
Methylvlcyclohexane
Concen: 50.419 ug/l
RT: 7.45 min Scan# 1043
Delta R.T. 0.00 min
Lab File: VX015985.D
Acq: 29 Apr 2020 18:18

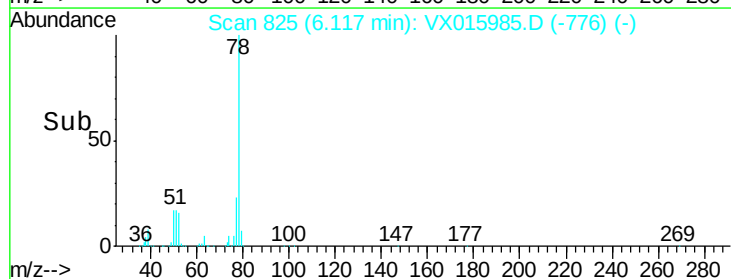
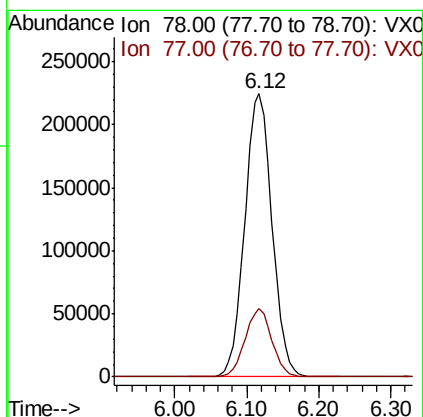
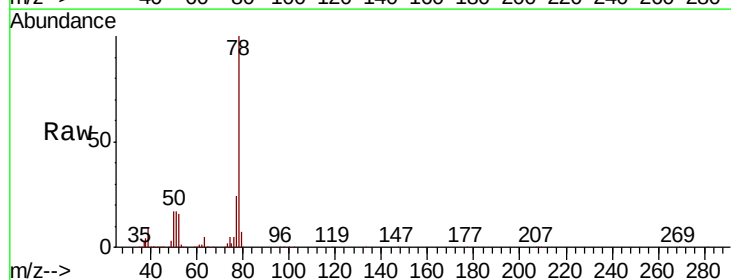
Instrument :
MSVOA_X
ClientSampleId :

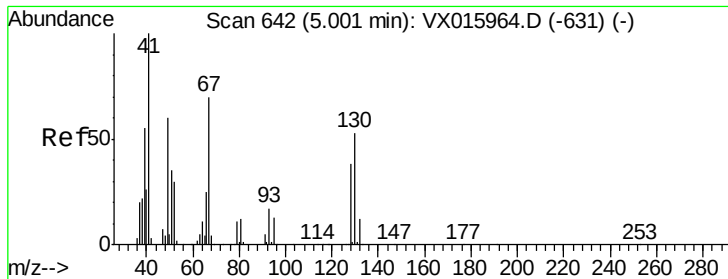
Tot Ion	83	Resp	237929
Ion Ratio	Lower	Upper	
83	100		
55	75.6	59.9	89.9
98	48.6	39.9	59.9



#40
Benzene
Concen: 50.650 ug/l
RT: 6.12 min Scan# 825
Delta R.T. 0.00 min
Lab File: VX015985.D
Acq: 29 Apr 2020 18:18

Tgt Ion	78	Resp	589592
Ion Ratio	Lower	Upper	
78	100		
77	24.0	18.8	28.2

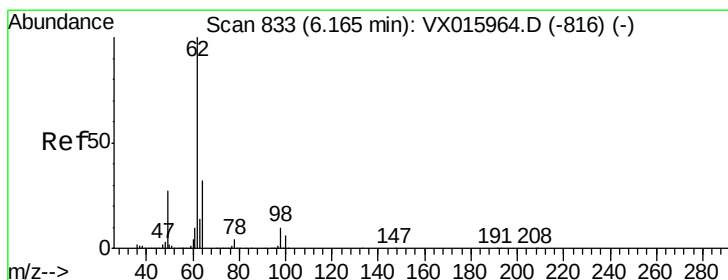
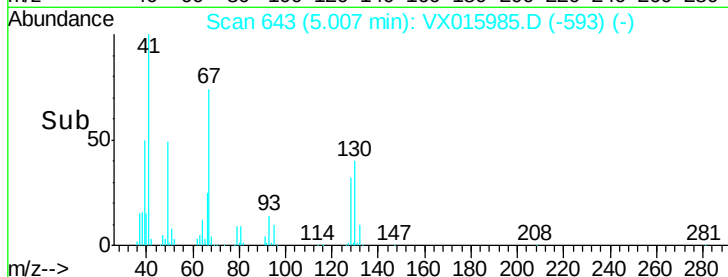
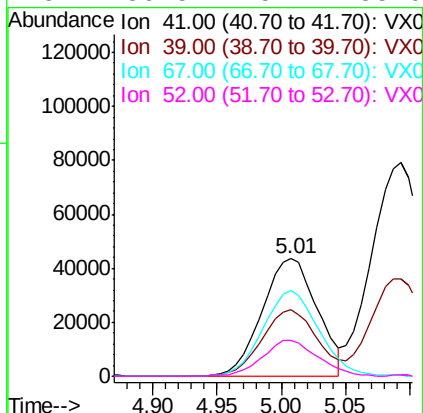
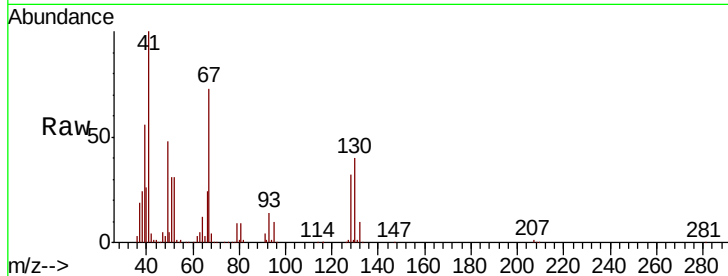




#41
Methacrylonitrile
Concen: 51.387 ug/l
RT: 5.01 min Scan# 643
Delta R.T. 0.01 min
Lab File: VX015985.D
Acq: 29 Apr 2020 18:18

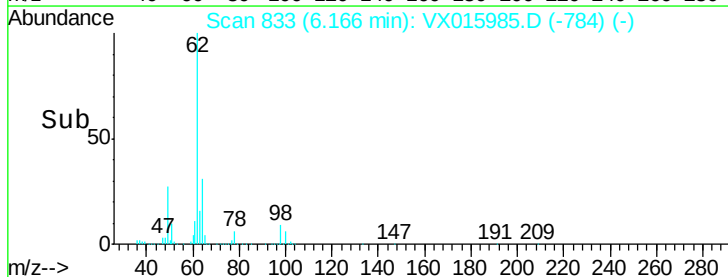
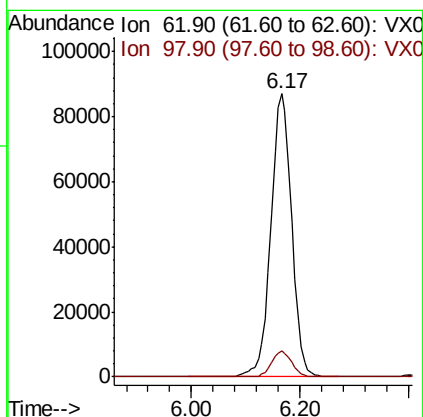
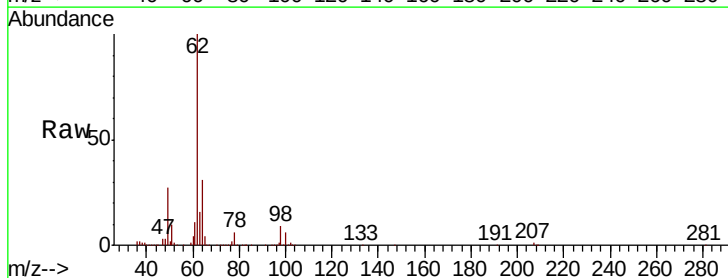
Instrument :
MSVOA_X
ClientSampleId :

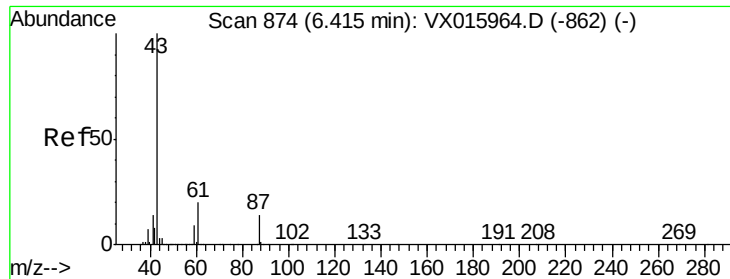
Tot Ion:	41	Resp:	128674
Ion	Ratio	Lower	Upper
41	100		
39	57.9	45.2	67.8
67	74.3	59.4	89.2
52	30.5	25.4	38.0



#42
1,2-Dichloroethane
Concen: 50.893 ug/l
RT: 6.17 min Scan# 833
Delta R.T. 0.00 min
Lab File: VX015985.D
Acq: 29 Apr 2020 18:18

Tgt Ion:	62	Resp:	229540
Ion	Ratio	Lower	Upper
62	100		
98	9.0	0.0	18.4





#43

Isopropyl Acetate

Concen: 51.290 ug/l

RT: 6.42 min Scan# 874

Delta R.T. 0.00 min

Lab File: VX015985.D

Acq: 29 Apr 2020 18:18

Instrument :

MSVOA_X

ClientSampleId :

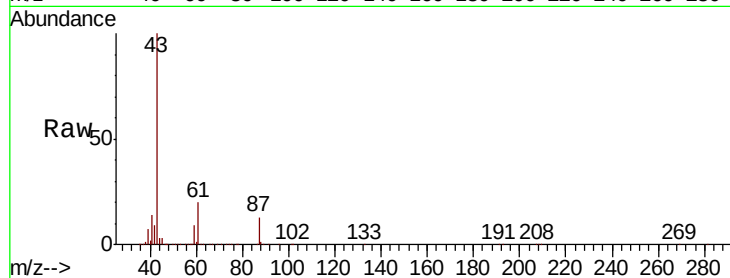
Tot Ion: 43 Resp: 397323

Ion Ratio Lower Upper

43 100

61 20.0 16.1 24.1

87 13.4 10.9 16.3

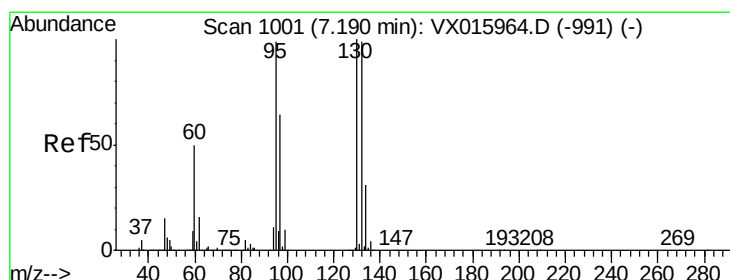
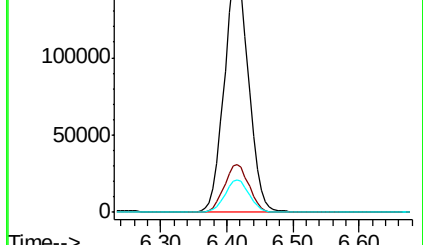
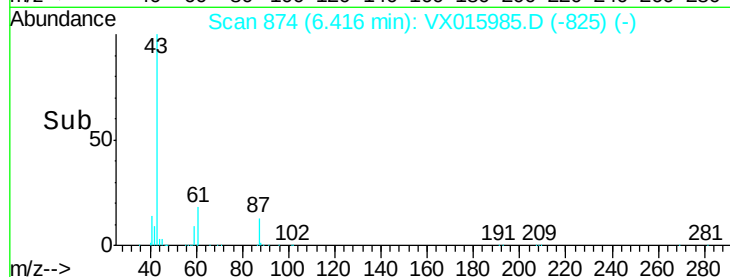


Abundance Ion 43.00 (42.70 to 43.70): VX015964.D (-862) (-)

Ion 61.00 (60.70 to 61.70): VX015964.D (-862) (-)

Ion 87.00 (86.70 to 87.70): VX015964.D (-862) (-)

Time-->



#44

Trichloroethene

Concen: 47.237 ug/l

RT: 7.19 min Scan# 1001

Delta R.T. 0.00 min

Lab File: VX015985.D

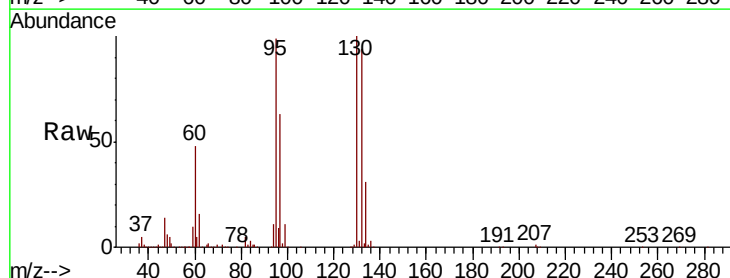
Acq: 29 Apr 2020 18:18

Tgt Ion:130 Resp: 198193

Ion Ratio Lower Upper

130 100

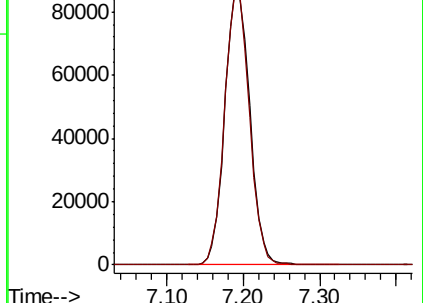
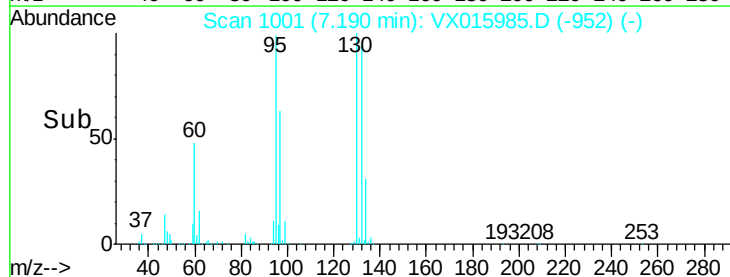
95 99.4 0.0 197.4

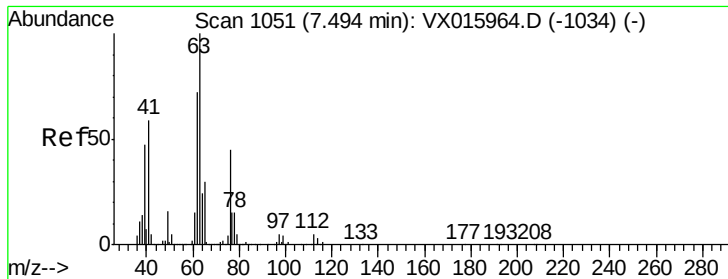


Abundance Ion 129.80 (129.50 to 130.50): VX015964.D (-991) (-)

Ion 94.90 (94.60 to 95.60): VX015964.D (-991) (-)

Time-->





#45

1,2-Dichloropropane

Concen: 50.339 ug/l

RT: 7.49 min Scan# 1051

Delta R.T. 0.00 min

Lab File: VX015985.D

Acq: 29 Apr 2020 18:18

Instrument :

MSVOA_X

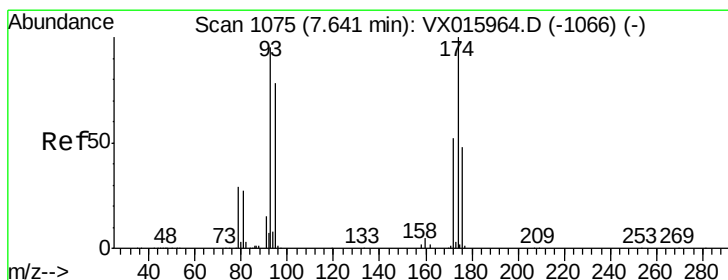
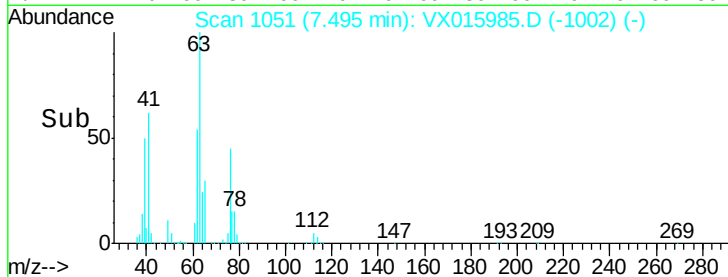
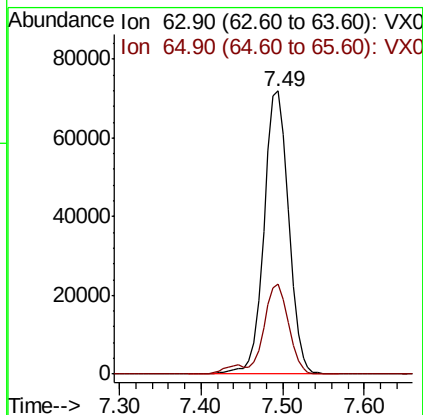
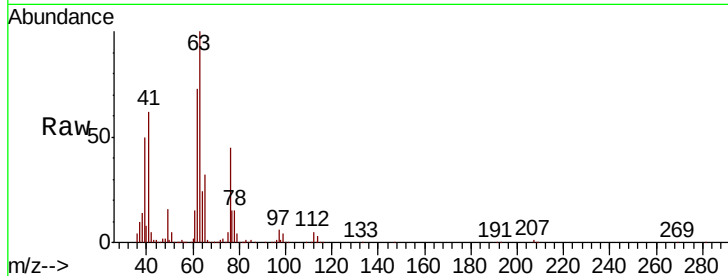
ClientSampleId :

Tot Ion: 63 Resp: 151439

Ion Ratio Lower Upper

63 100

65 31.6 24.3 36.5



#46

Dibromomethane

Concen: 50.267 ug/l

RT: 7.64 min Scan# 1075

Delta R.T. 0.00 min

Lab File: VX015985.D

Acq: 29 Apr 2020 18:18

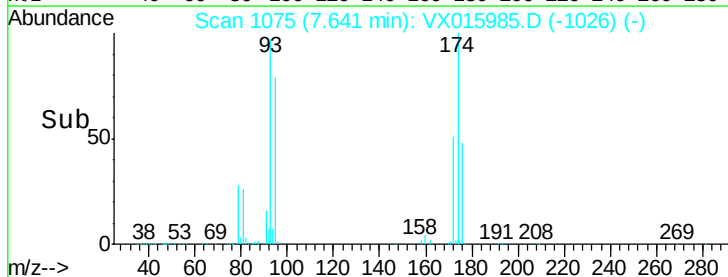
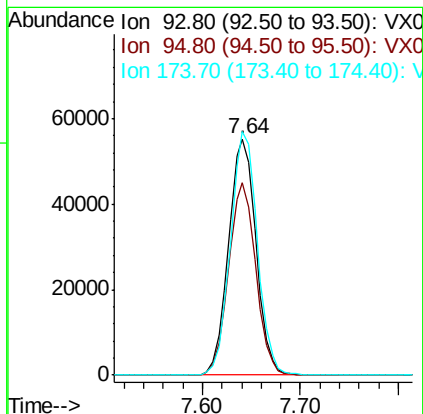
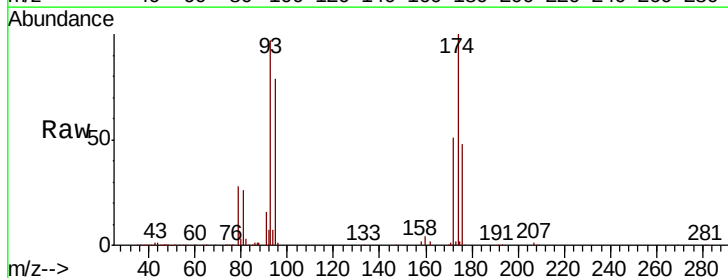
Tgt Ion: 93 Resp: 107453

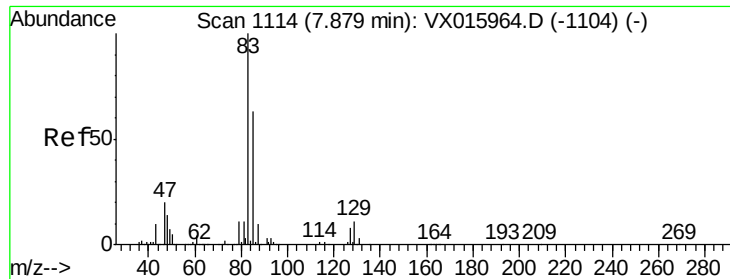
Ion Ratio Lower Upper

93 100

95 80.7 65.5 98.3

174 101.0 82.7 124.1





#47

Bromodichloromethane

Concen: 51.672 ug/l

RT: 7.88 min Scan# 1114

Delta R.T. 0.00 min

Lab File: VX015985.D

Acq: 29 Apr 2020 18:18

Instrument :

MSVOA_X

ClientSampleId :

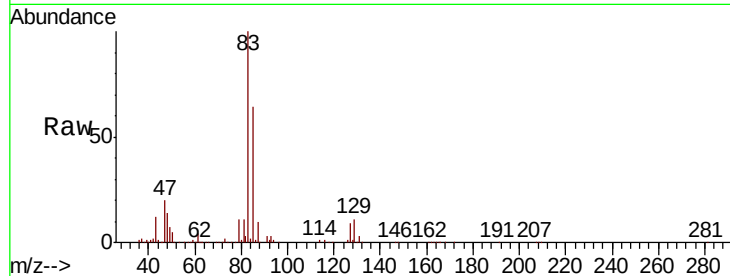
Tot Ion: 83 Resp: 219500

Ion Ratio Lower Upper

83 100

85 64.3 50.6 75.8

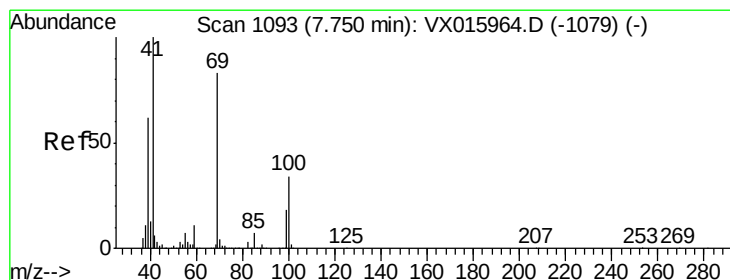
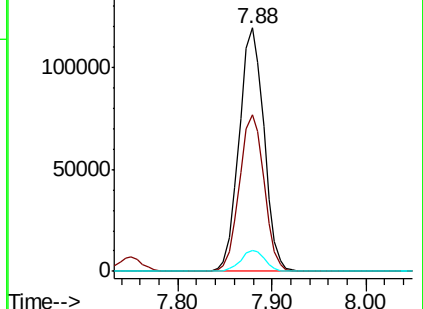
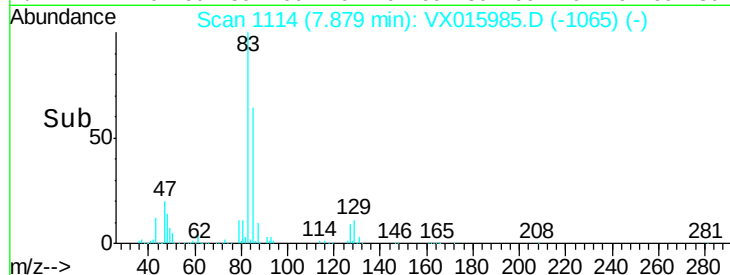
127 8.8 6.7 10.1



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 53.032 ug/l

RT: 7.75 min Scan# 1093

Delta R.T. 0.00 min

Lab File: VX015985.D

Acq: 29 Apr 2020 18:18

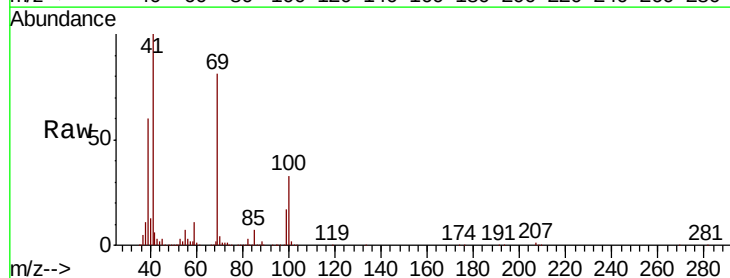
Tgt Ion: 41 Resp: 189675

Ion Ratio Lower Upper

41 100

69 81.4 66.0 99.0

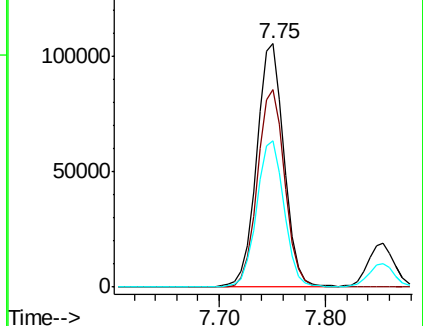
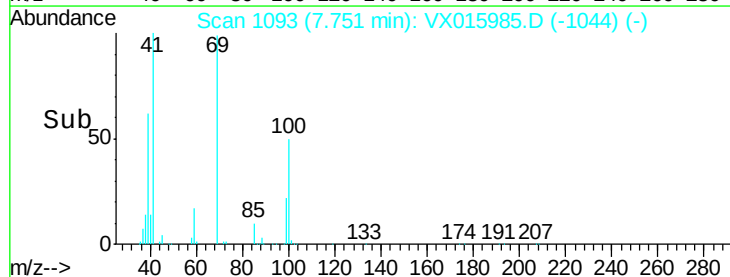
39 60.5 49.0 73.4

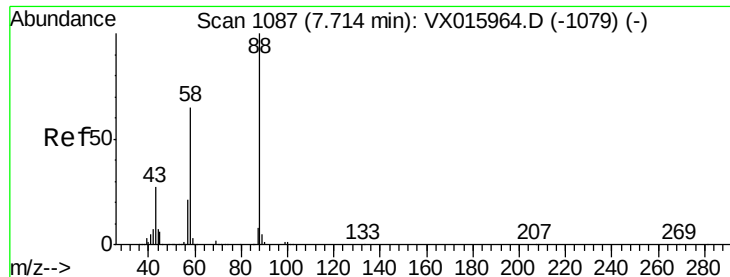


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#49

1,4-Dioxane

Concen: 1002.078 ug/l

RT: 7.71 min Scan# 1087

Delta R.T. 0.00 min

Lab File: VX015985.D

Acq: 29 Apr 2020 18:18

Instrument :

MSVOA_X

ClientSampleId :

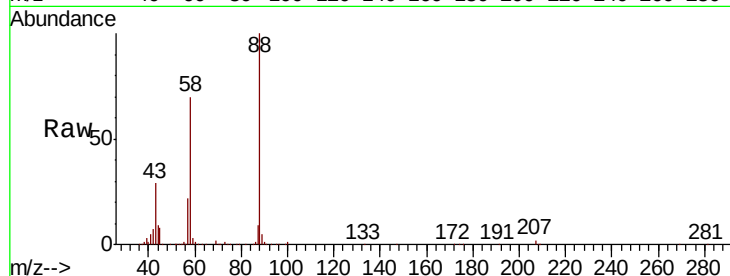
Tot Ion: 88 Resp: 84315

Ion Ratio Lower Upper

88 100

43 34.0 26.6 39.8

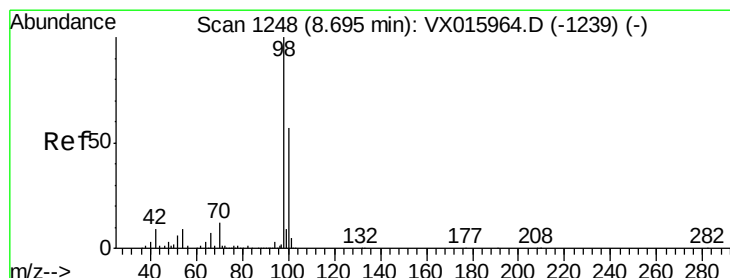
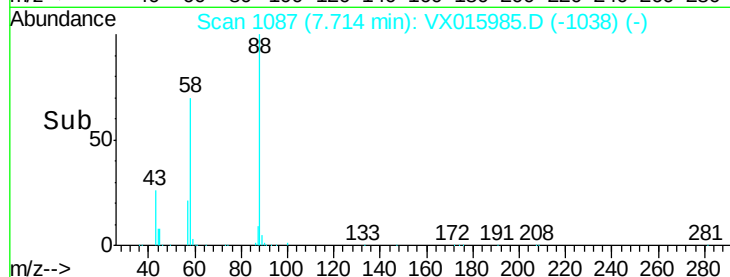
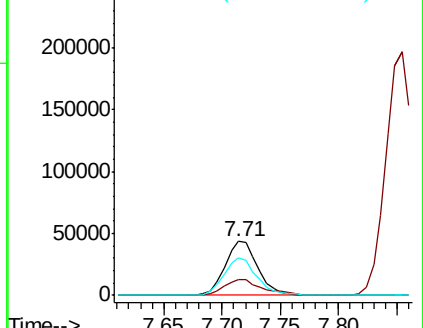
58 70.1 54.8 82.2



Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#50

Toluene-d8

Concen: 48.134 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. 0.00 min

Lab File: VX015985.D

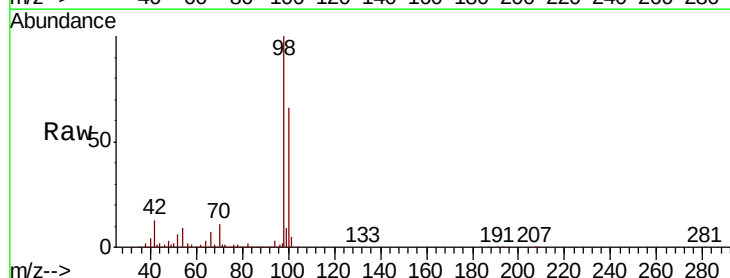
Acq: 29 Apr 2020 18:18

Tgt Ion: 98 Resp: 480876

Ion Ratio Lower Upper

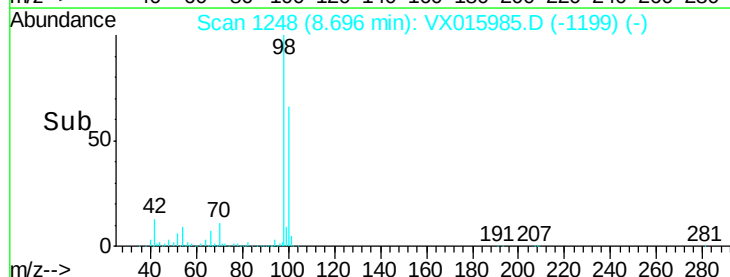
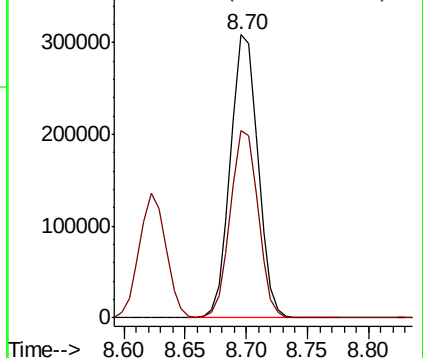
98 100

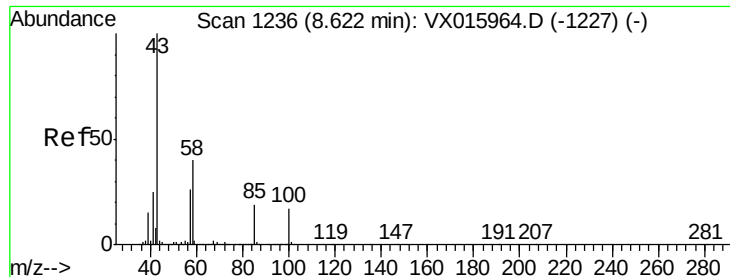
100 66.7 53.1 79.7



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V

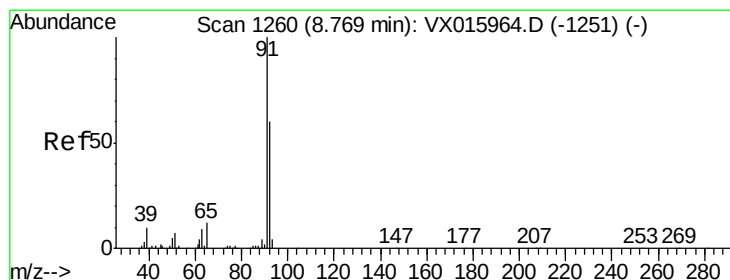
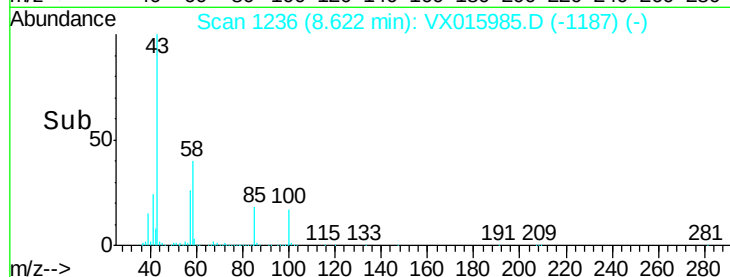
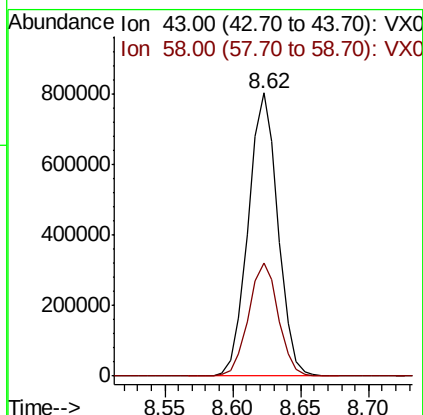
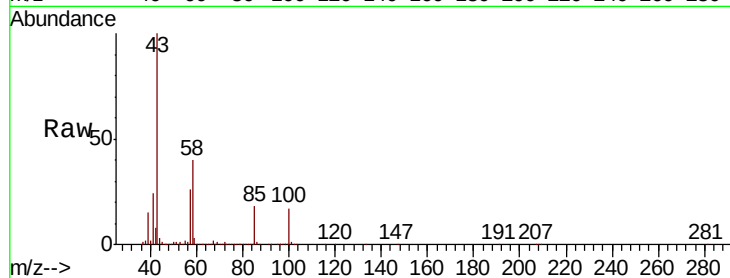




#51
 4-Methyl-2-Pentanone
 Concen: 261.450 ug/l
 RT: 8.62 min Scan# 1236
 Delta R.T. 0.00 min
 Lab File: VX015985.D
 Acq: 29 Apr 2020 18:18

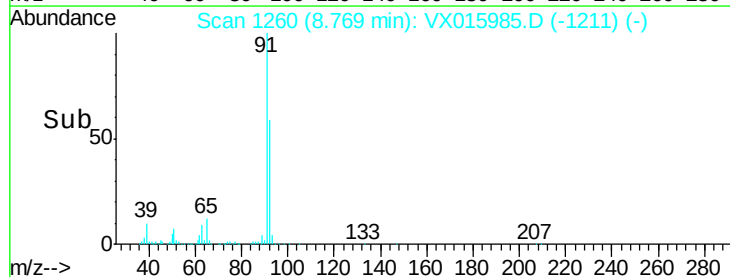
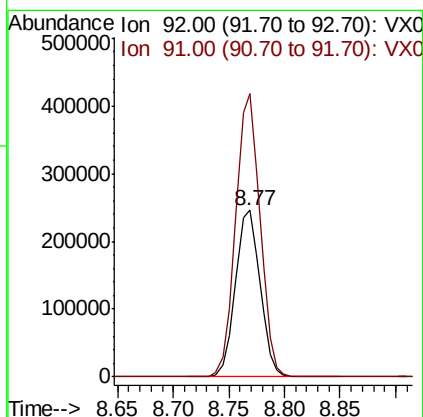
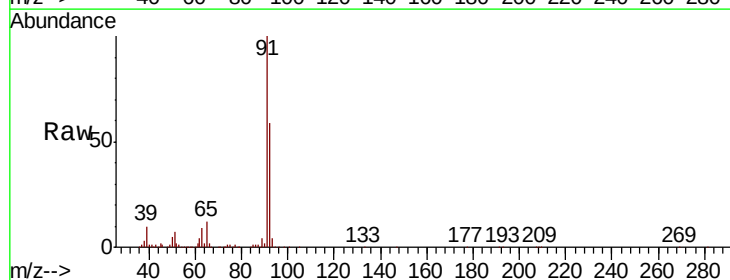
Instrument :
 MSVOA_X
 ClientSampled :

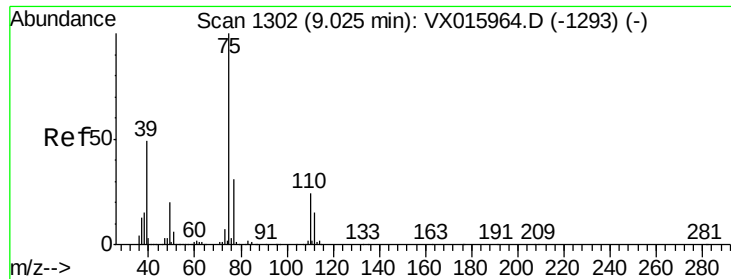
Tot Ion: 43 Resp: 1228507
 Ion Ratio Lower Upper
 43 100
 58 40.0 32.0 48.0



#52
 Toluene
 Concen: 50.982 ug/l
 RT: 8.77 min Scan# 1260
 Delta R.T. 0.00 min
 Lab File: VX015985.D
 Acq: 29 Apr 2020 18:18

Tgt Ion: 92 Resp: 376706
 Ion Ratio Lower Upper
 92 100
 91 168.3 134.6 202.0

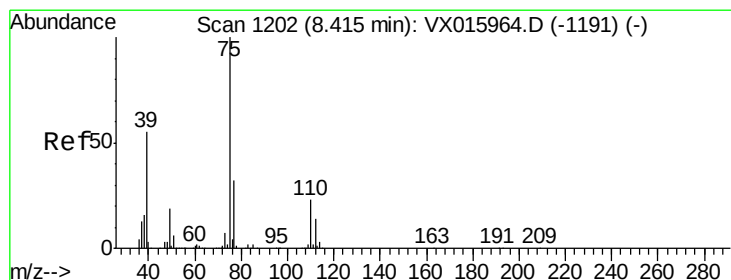
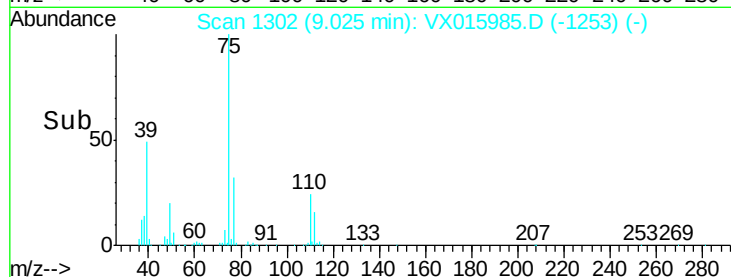
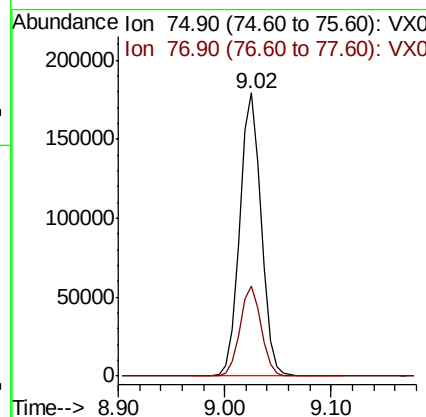
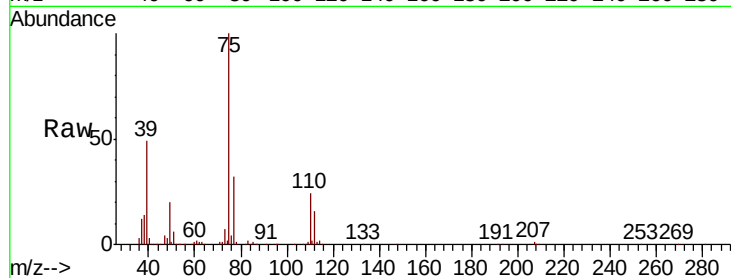




#53
t-1,3-Dichloropropene
Concen: 50.178 ug/l
RT: 9.02 min Scan# 1302
Delta R.T. 0.00 min
Lab File: VX015985.D
Acq: 29 Apr 2020 18:18

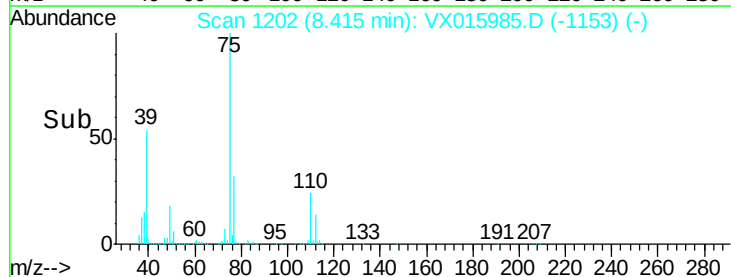
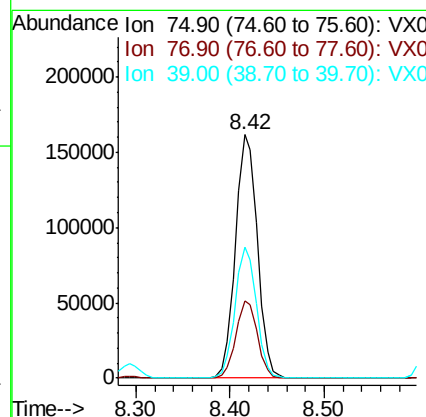
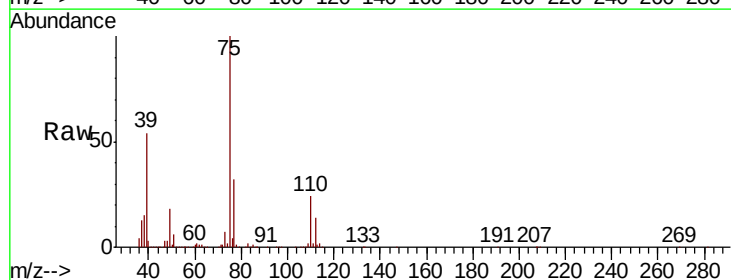
Instrument :
MSVOA_X
ClientSampleId :

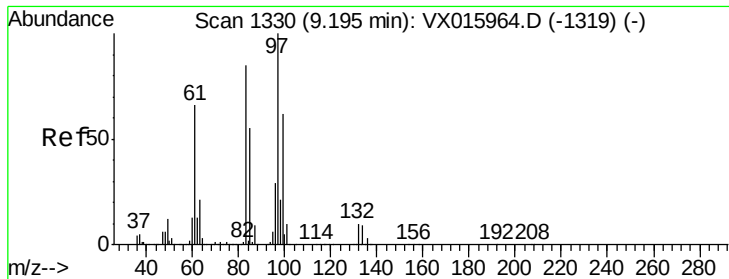
Tot Ion: 75 Resp: 252916
Ion Ratio Lower Upper
75 100
77 31.8 24.9 37.3



#54
cis-1,3-Dichloropropene
Concen: 50.300 ug/l
RT: 8.42 min Scan# 1202
Delta R.T. 0.00 min
Lab File: VX015985.D
Acq: 29 Apr 2020 18:18

Tgt Ion: 75 Resp: 260756
Ion Ratio Lower Upper
75 100
77 31.7 25.4 38.0
39 53.6 44.1 66.1





#55

1,1,2-Trichloroethane

Concen: 51.510 ug/l

RT: 9.20 min Scan# 1330

Delta R.T. 0.00 min

Lab File: VX015985.D

Acq: 29 Apr 2020 18:18

Instrument :

MSVOA_X

ClientSampleId :

Tot Ion: 97 Resp: 152100

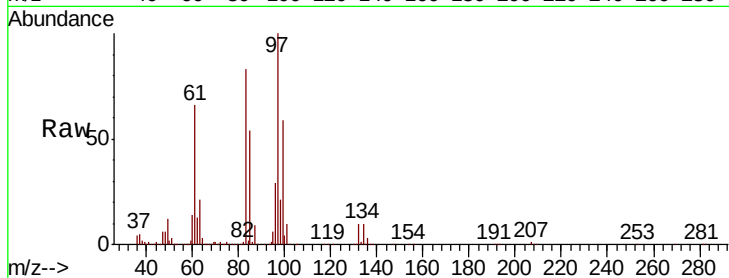
Ion Ratio Lower Upper

97 100

83 83.4 68.2 102.2

85 54.4 43.7 65.5

99 59.3 49.7 74.5

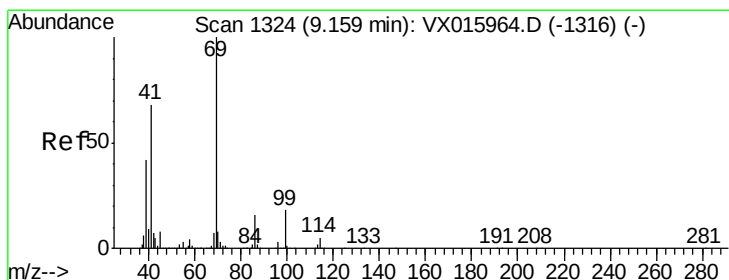
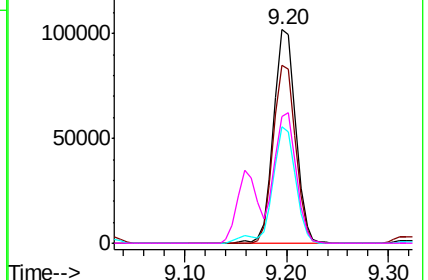
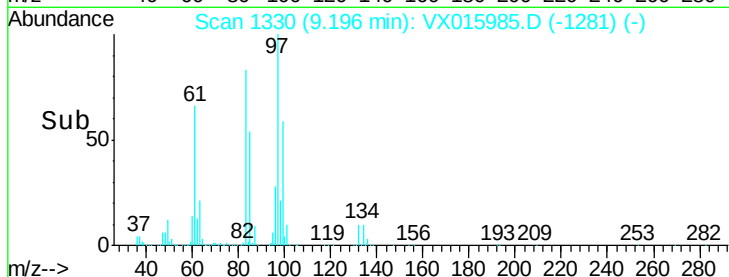


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0



#56

Ethyl methacrylate

Concen: 52.668 ug/l

RT: 9.16 min Scan# 1324

Delta R.T. 0.00 min

Lab File: VX015985.D

Acq: 29 Apr 2020 18:18

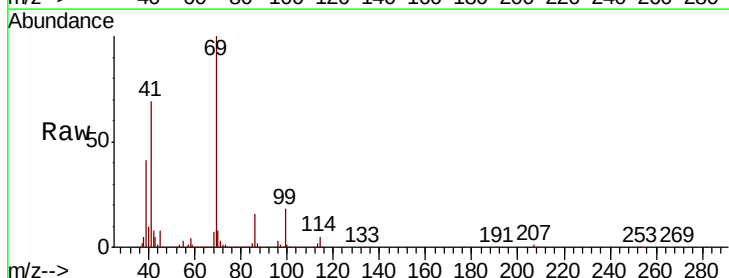
Tgt Ion: 69 Resp: 252880

Ion Ratio Lower Upper

69 100

41 67.4 53.5 80.3

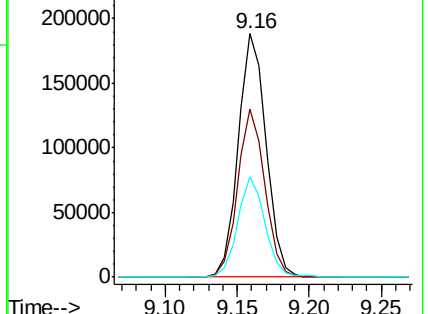
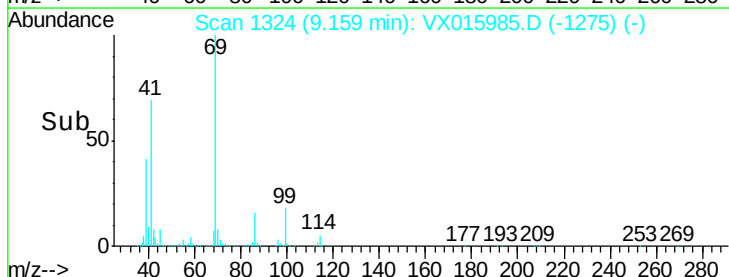
39 40.8 33.4 50.0

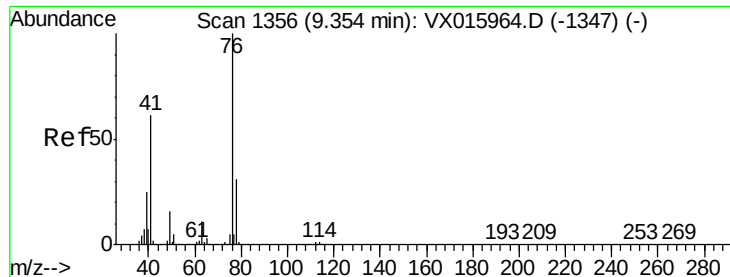


Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#57

1,3-Dichloropropane

Concen: 51.164 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. 0.00 min

Lab File: VX015985.D

Acq: 29 Apr 2020 18:18

Instrument :

MSVOA_X

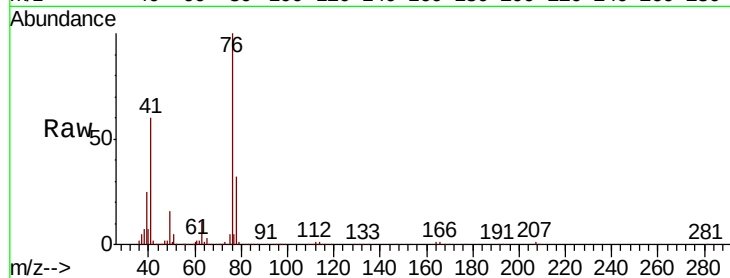
ClientSampleId :

Tot Ion: 76 Resp: 259579

Ion Ratio Lower Upper

76 100

78 32.4 25.5 38.3



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

9.35

200000

150000

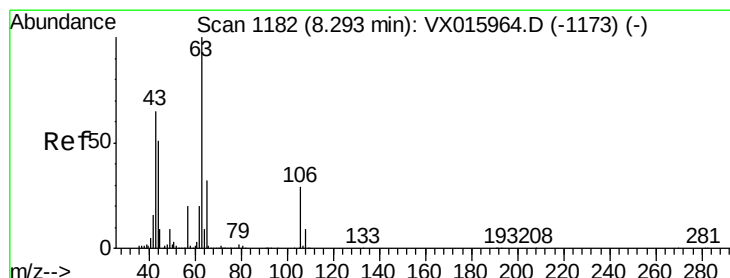
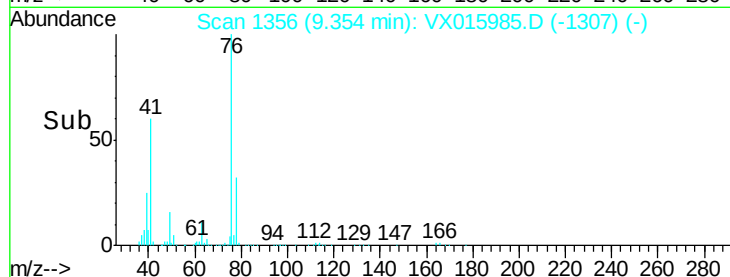
100000

50000

0

Time-->

9.30 9.40 9.50



#58

2-Chloroethyl Vinyl ether

Concen: 252.681 ug/l

RT: 8.29 min Scan# 1182

Delta R.T. 0.00 min

Lab File: VX015985.D

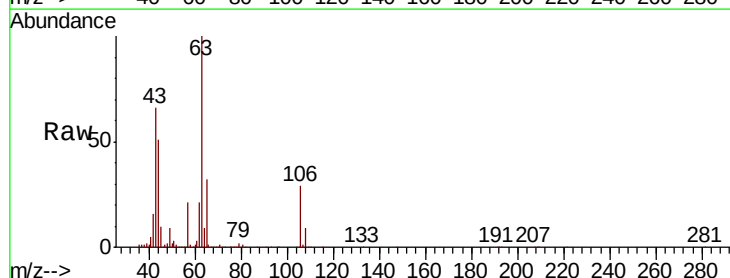
Acq: 29 Apr 2020 18:18

Tgt Ion: 63 Resp: 626949

Ion Ratio Lower Upper

63 100

106 29.5 23.6 35.4



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

8.29

400000

300000

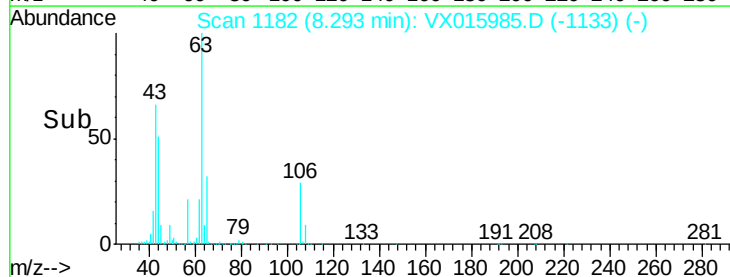
200000

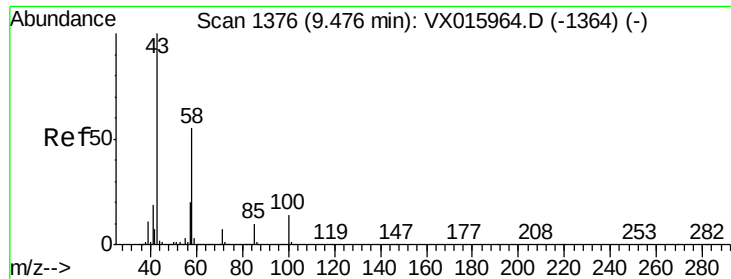
100000

0

Time-->

8.20 8.25 8.30 8.35 8.40

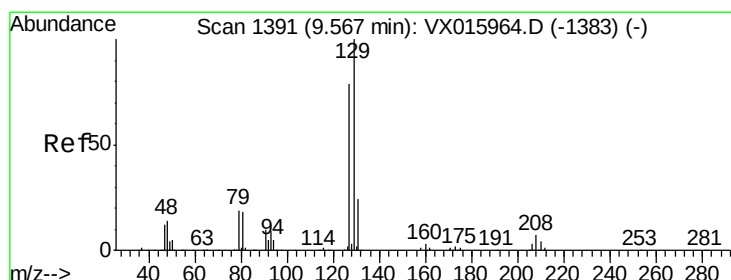
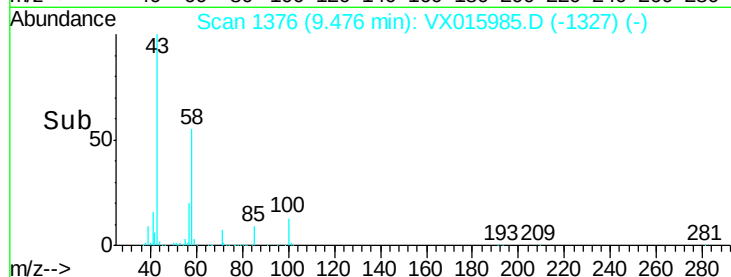
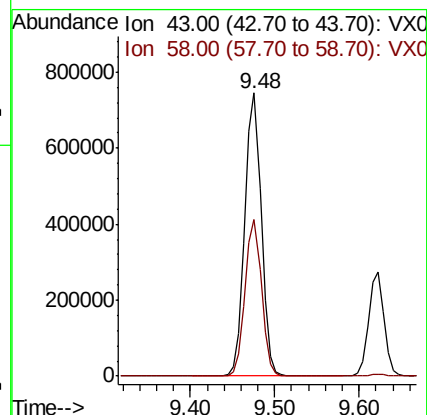
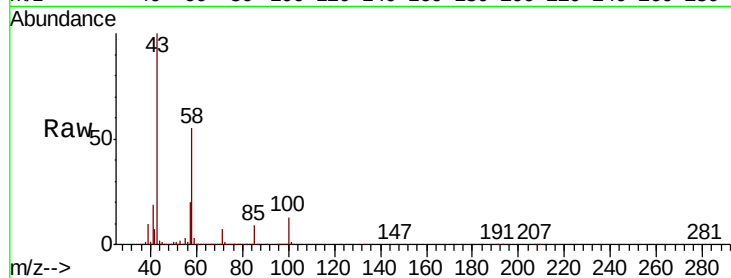




#59
2-Hexanone
Concen: 263.881 ug/l
RT: 9.48 min Scan# 1376
Delta R.T. 0.00 min
Lab File: VX015985.D
Acq: 29 Apr 2020 18:18

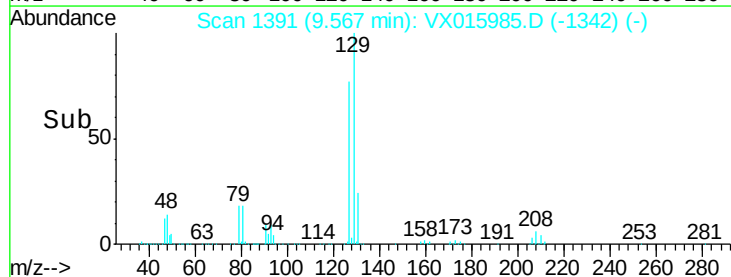
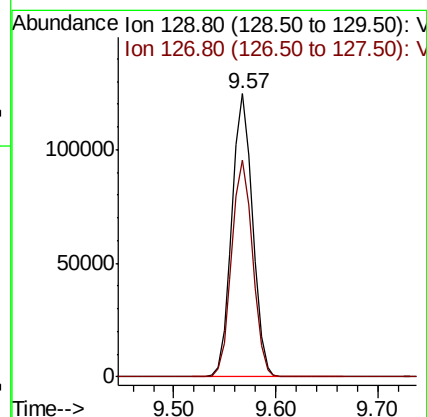
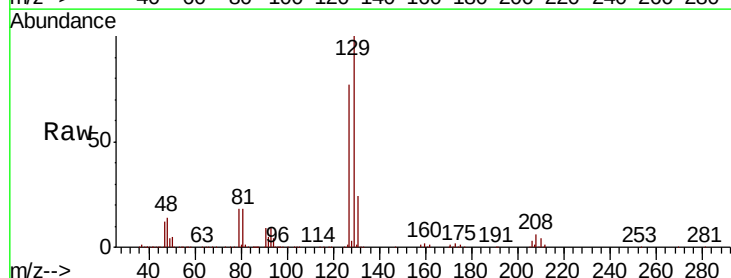
Instrument :
MSVOA_X
ClientSampleId :

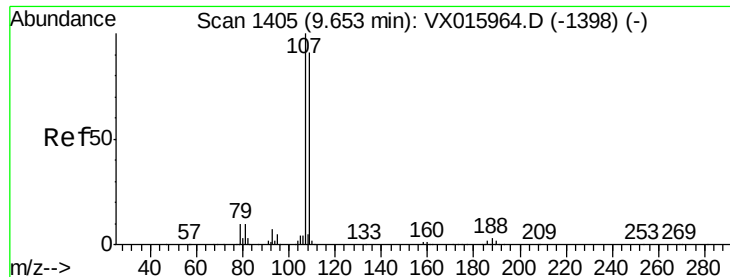
Tot Ion: 43 Resp: 969016
Ion Ratio Lower Upper
43 100
58 55.1 27.7 83.1



#60
Dibromochloromethane
Concen: 52.974 ug/l
RT: 9.57 min Scan# 1391
Delta R.T. 0.00 min
Lab File: VX015985.D
Acq: 29 Apr 2020 18:18

Tgt Ion: 129 Resp: 175079
Ion Ratio Lower Upper
129 100
127 77.3 39.4 118.1





#61

1,2-Dibromoethane

Concen: 51.639 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. 0.00 min

Lab File: VX015985.D

Acq: 29 Apr 2020 18:18

Instrument :

MSVOA_X

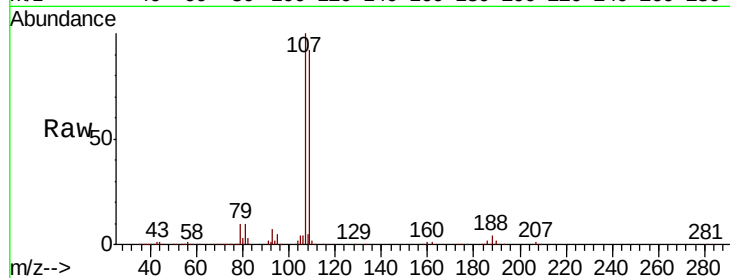
ClientSampled :

Tot Ion:107 Resp: 165348

Ion Ratio Lower Upper

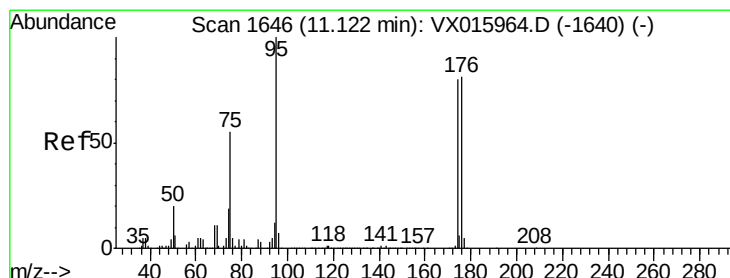
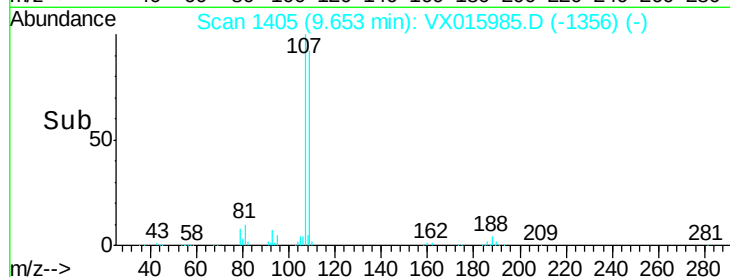
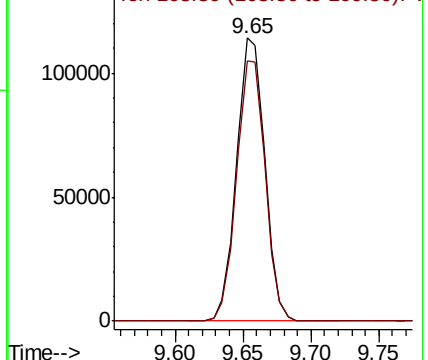
107 100

109 93.4 74.9 112.3



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 48.694 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. 0.00 min

Lab File: VX015985.D

Acq: 29 Apr 2020 18:18

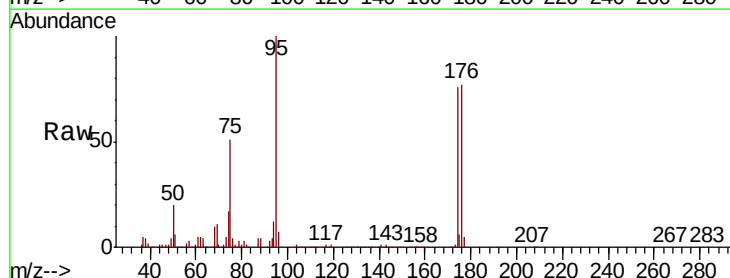
Tgt Ion: 95 Resp: 190802

Ion Ratio Lower Upper

95 100

174 80.8 0.0 165.0

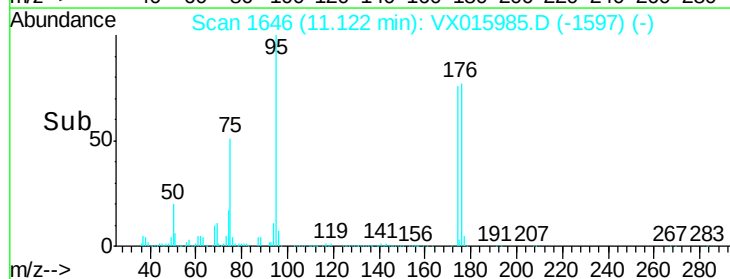
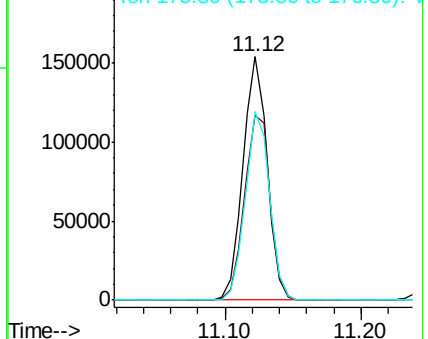
176 77.9 0.0 163.2

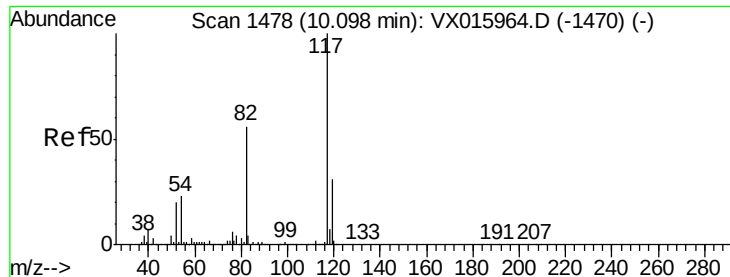


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

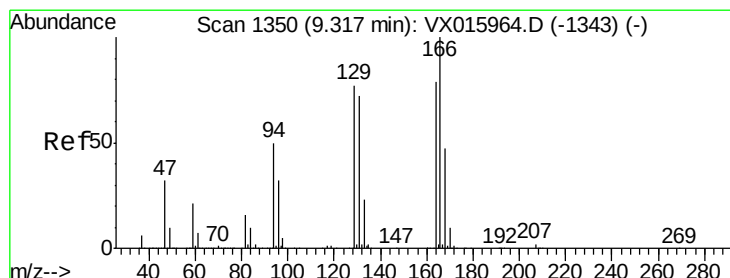
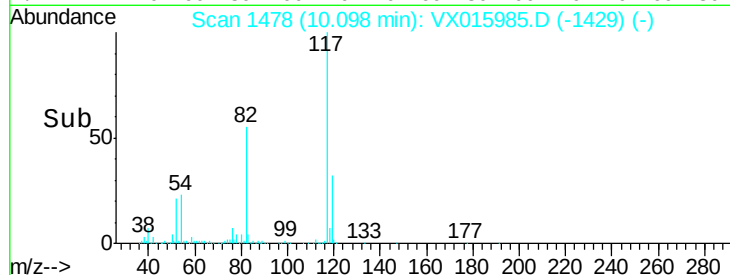
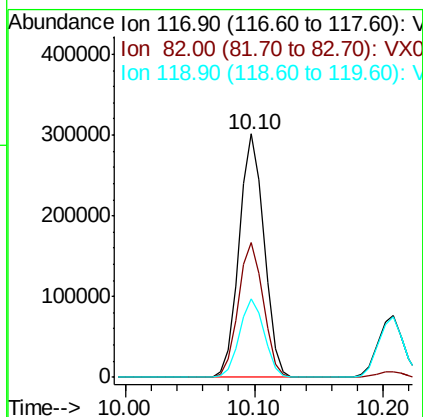
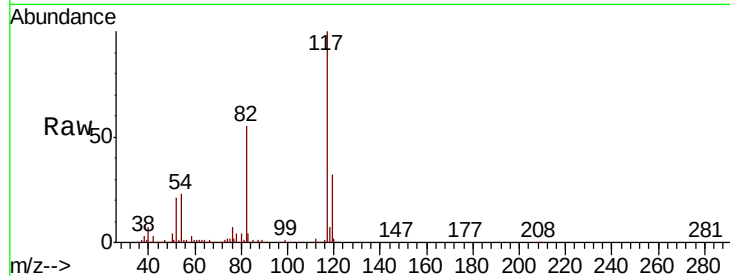




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. 0.00 min
Lab File: VX015985.D
Acq: 29 Apr 2020 18:18

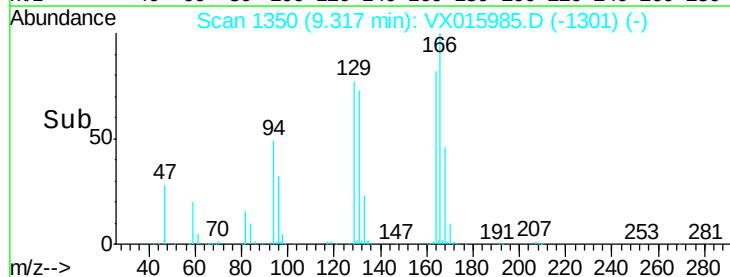
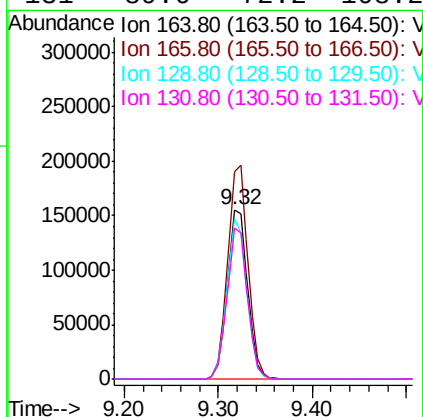
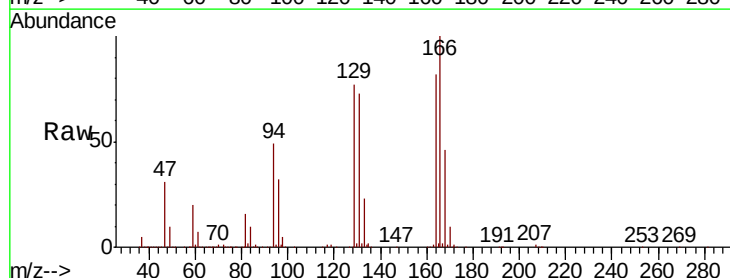
Instrument :
MSVOA_X
ClientSampleId :

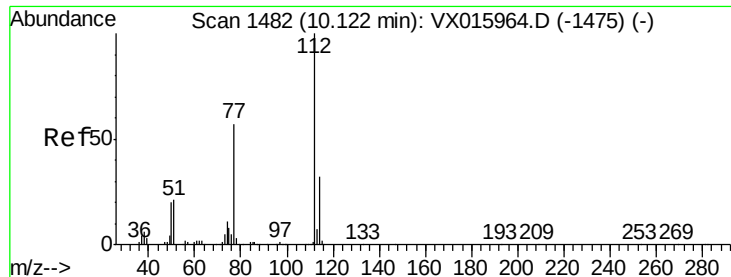
Tot Ion:117 Resp: 404026
Ion Ratio Lower Upper
117 100
82 55.5 44.5 66.7
119 32.1 25.0 37.6



#64
Tetrachloroethene
Concen: 48.380 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. 0.00 min
Lab File: VX015985.D
Acq: 29 Apr 2020 18:18

Tgt Ion:164 Resp: 231883
Ion Ratio Lower Upper
164 100
166 122.6 101.0 151.4
129 94.2 77.4 116.0
131 89.6 72.2 108.2

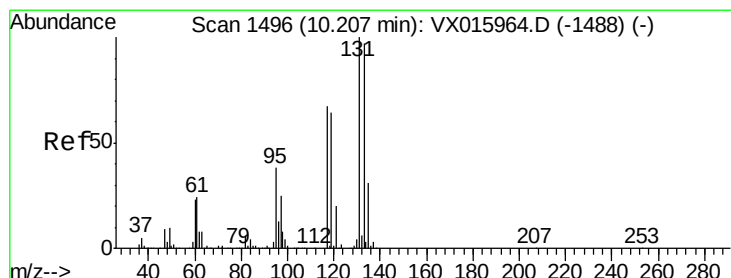
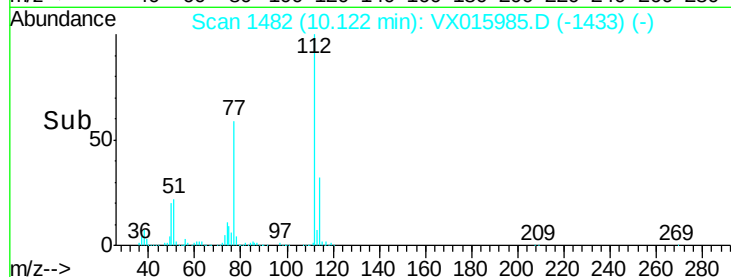
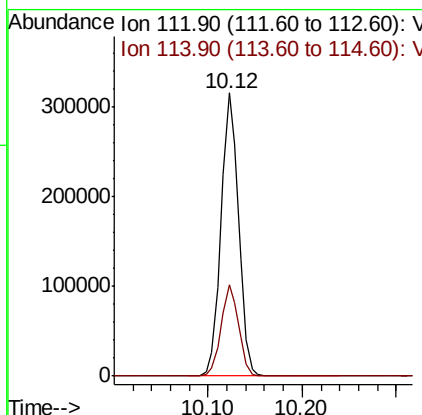
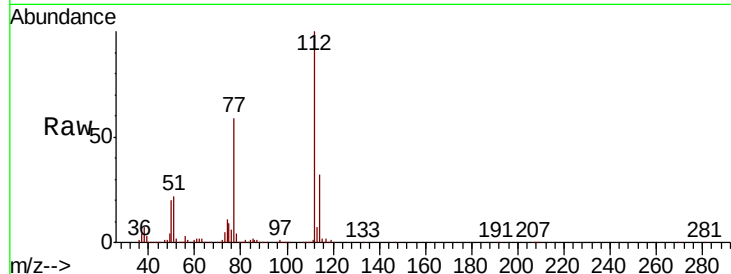




#65
Chlorobenzene
Concen: 49.384 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. 0.00 min
Lab File: VX015985.D
Acq: 29 Apr 2020 18:18

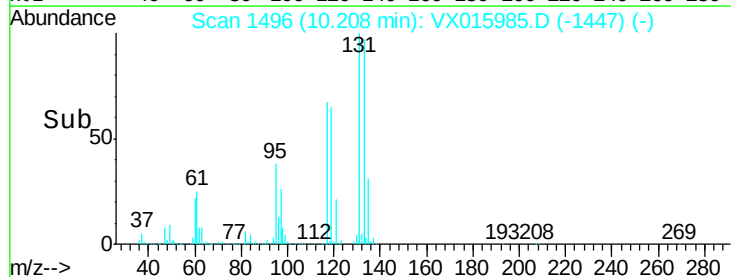
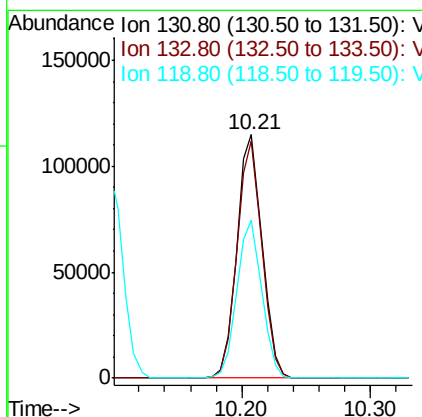
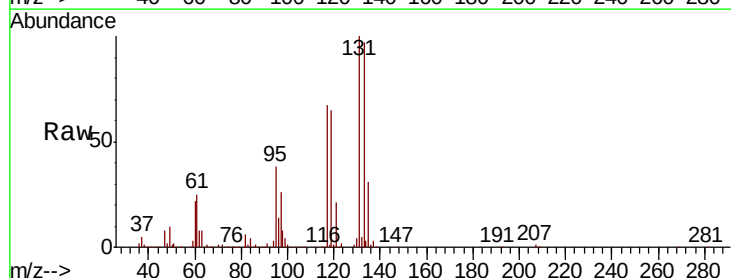
Instrument :
MSVOA_X
ClientSampleId :

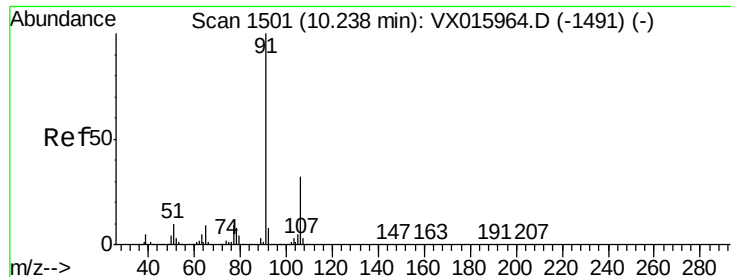
Tot Ion:112 Resp: 406378
Ion Ratio Lower Upper
112 100
114 32.3 25.4 38.0



#66
1,1,1,2-Tetrachloroethane
Concen: 50.088 ug/l
RT: 10.21 min Scan# 1496
Delta R.T. 0.00 min
Lab File: VX015985.D
Acq: 29 Apr 2020 18:18

Tgt Ion:131 Resp: 155782
Ion Ratio Lower Upper
131 100
133 95.9 48.3 144.8
119 64.3 31.6 94.8





#67

Ethyl Benzene

Concen: 49.913 ug/l

RT: 10.24 min Scan# 1501

Delta R.T. 0.00 min

Lab File: VX015985.D

Acq: 29 Apr 2020 18:18

Instrument :

MSVOA_X

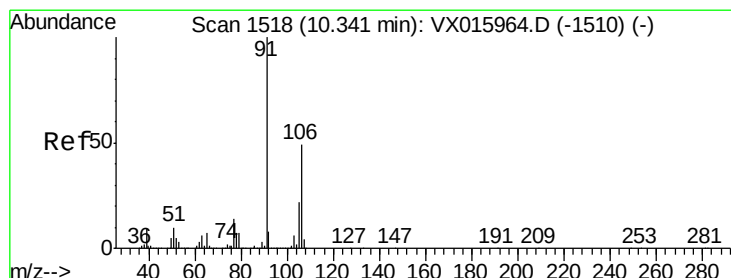
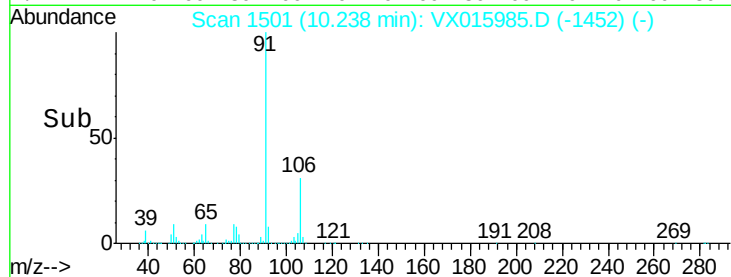
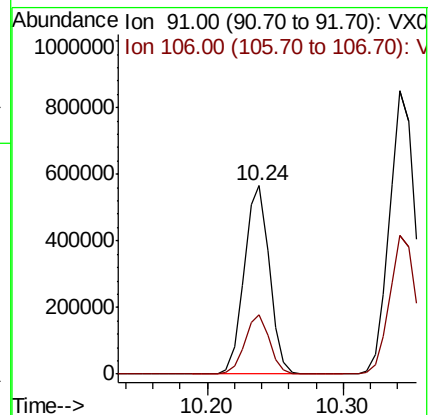
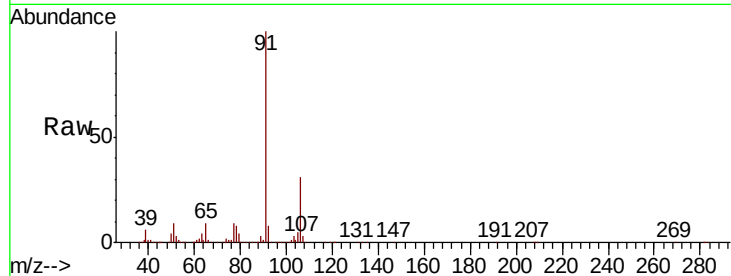
ClientSampled :

Tot Ion: 91 Resp: 731459

Ion Ratio Lower Upper

91 100

106 31.4 25.3 37.9



#68

m/p-Xylenes

Concen: 99.879 ug/l

RT: 10.34 min Scan# 1518

Delta R.T. 0.00 min

Lab File: VX015985.D

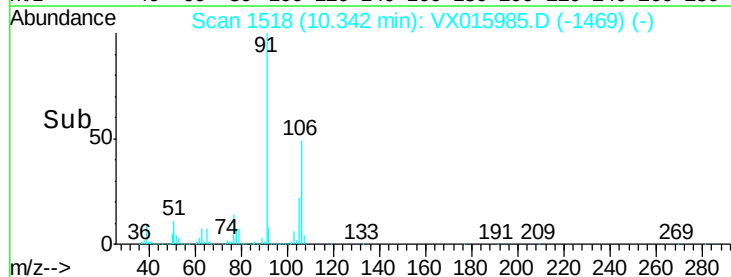
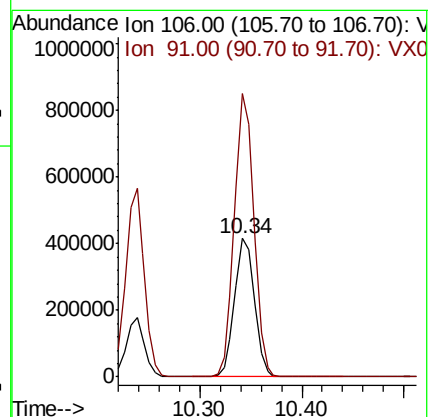
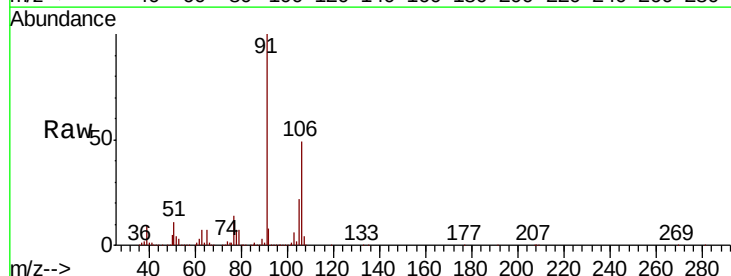
Acq: 29 Apr 2020 18:18

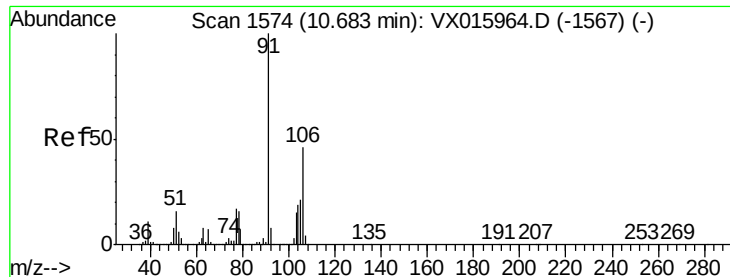
Tgt Ion: 106 Resp: 555405

Ion Ratio Lower Upper

106 100

91 201.8 161.6 242.4

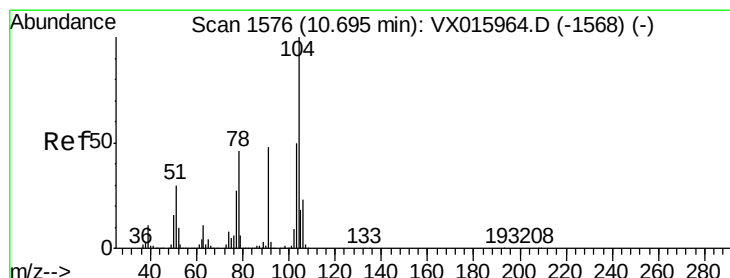
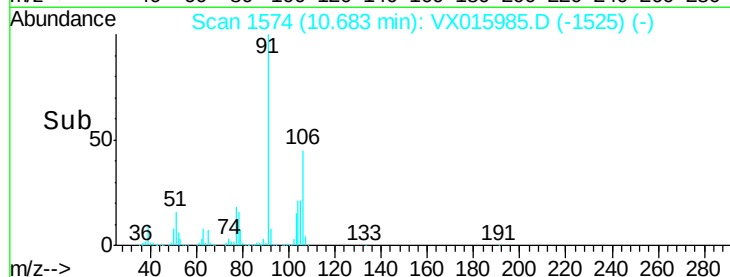
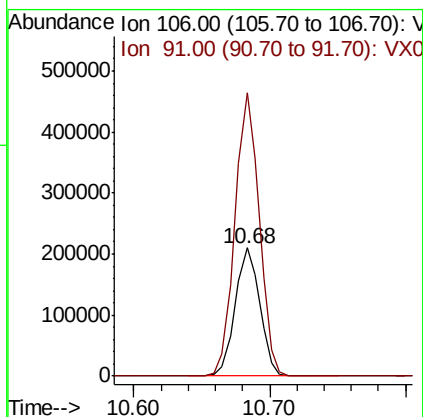
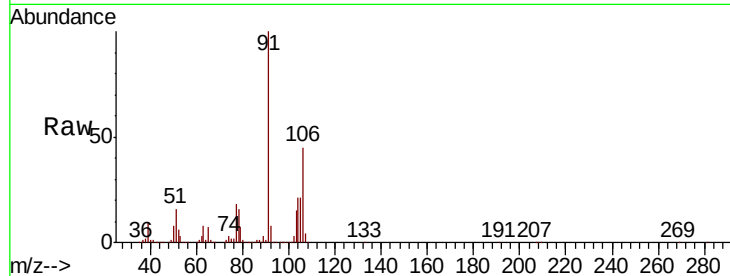




#69
o-Xylene
Concen: 50.031 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. 0.00 min
Lab File: VX015985.D
Acq: 29 Apr 2020 18:18

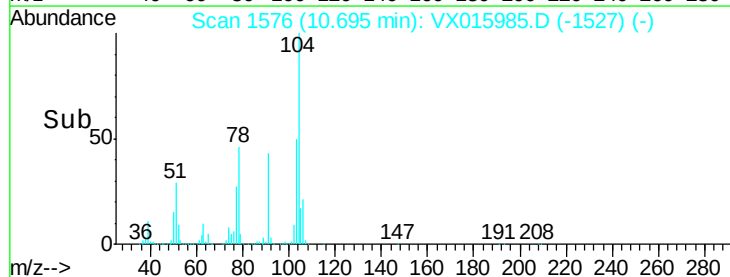
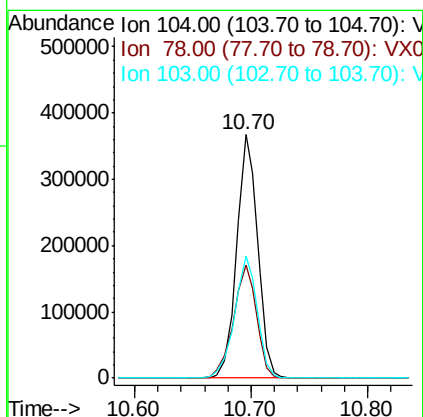
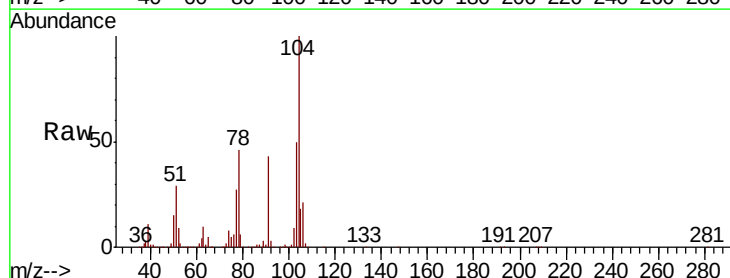
Instrument :
MSVOA_X
ClientSampled :

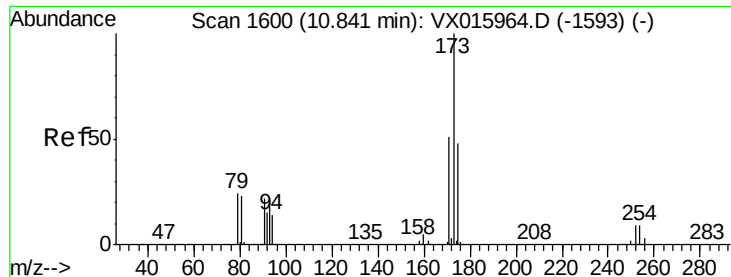
Tot Ion:106 Resp: 264143
Ion Ratio Lower Upper
106 100
91 217.9 106.1 318.3



#70
Styrene
Concen: 50.990 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. 0.00 min
Lab File: VX015985.D
Acq: 29 Apr 2020 18:18

Tgt Ion:104 Resp: 461916
Ion Ratio Lower Upper
104 100
78 51.1 41.0 61.4
103 53.9 43.4 65.2





#71

Bromoform

Concen: 47.840 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. 0.00 min

Lab File: VX015985.D

Acq: 29 Apr 2020 18:18

Instrument :

MSVOA_X

ClientSampleId :

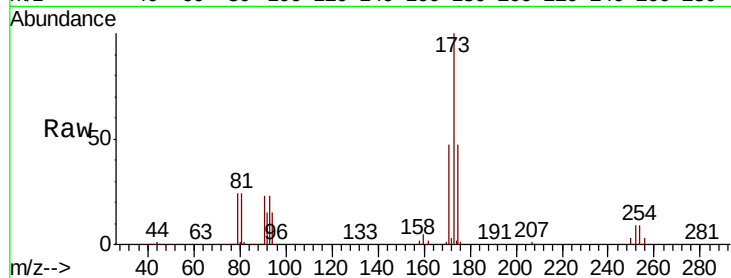
Tot Ion:173 Resp: 135129

Ion Ratio Lower Upper

173 100

175 47.0 24.1 72.4

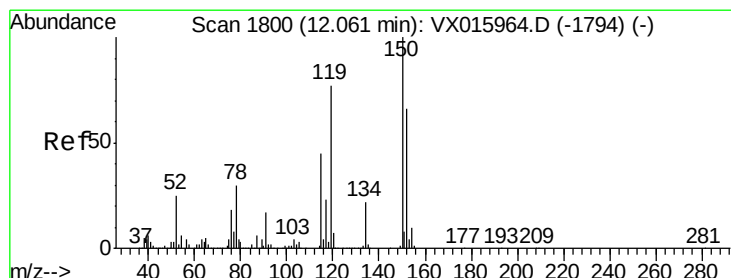
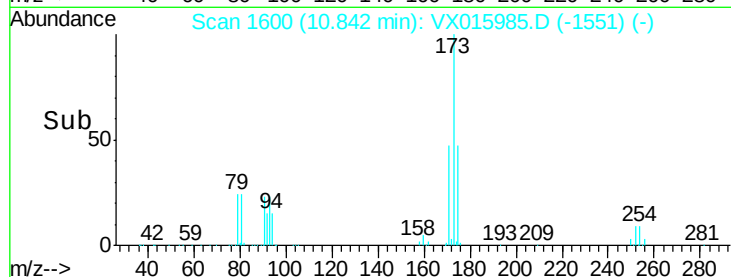
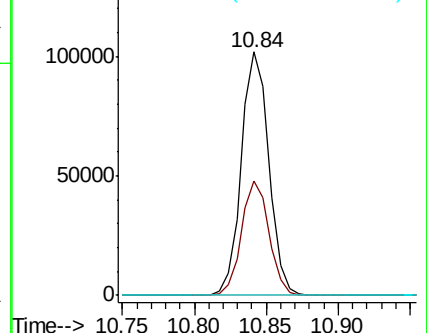
254 0.1 0.1 0.1



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1801

Delta R.T. 0.01 min

Lab File: VX015985.D

Acq: 29 Apr 2020 18:18

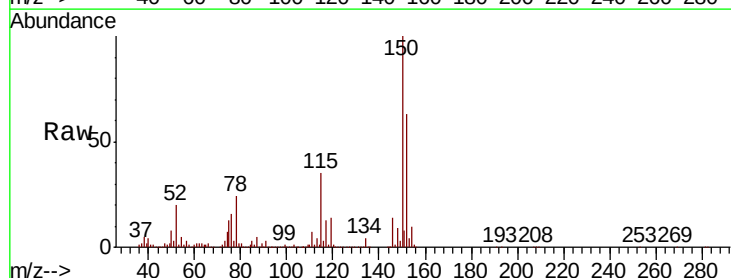
Tgt Ion:152 Resp: 209564

Ion Ratio Lower Upper

152 100

115 82.7 40.9 122.7

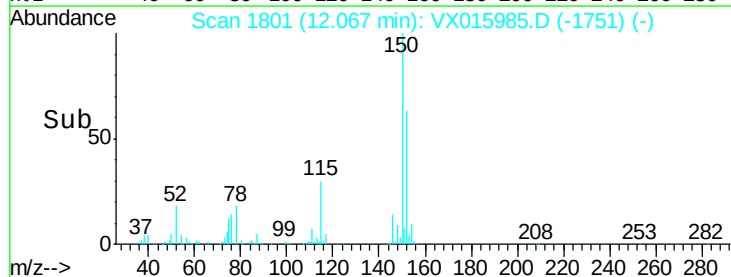
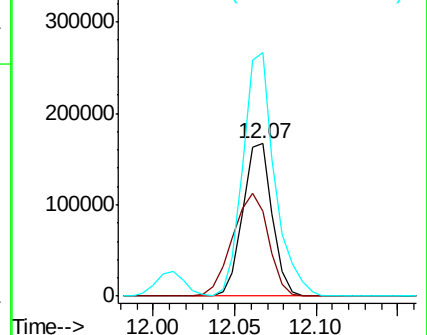
150 172.8 0.0 342.4

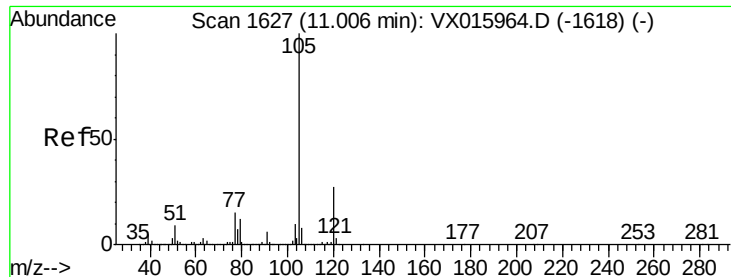


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 50.741 ug/l

RT: 11.01 min Scan# 1627

Delta R.T. 0.00 min

Lab File: VX015985.D

Acq: 29 Apr 2020 18:18

Instrument :

MSVOA_X

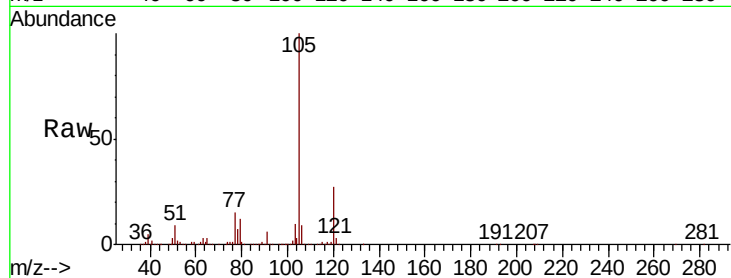
ClientSampleId :

Tot Ion:105 Resp: 723377

Ion Ratio Lower Upper

105 100

120 26.4 13.3 39.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

600000

400000

200000

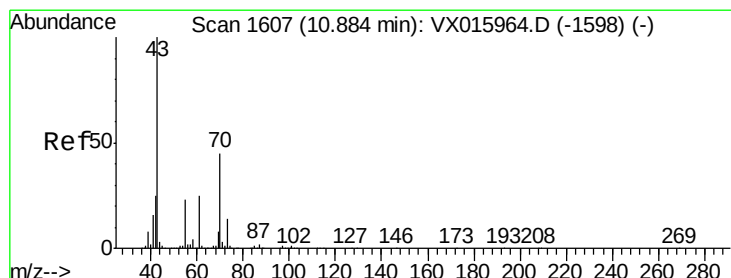
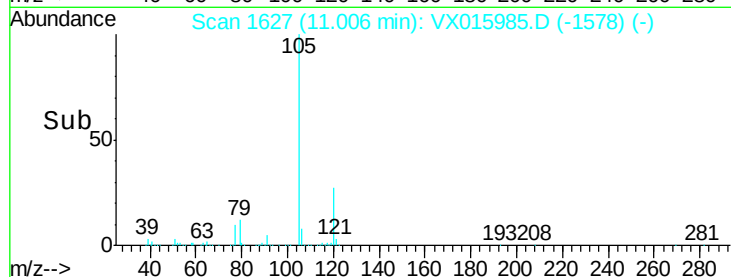
0

11.01

11.00

11.10

Time-->



#74

N-ethyl acetate

Concen: 51.110 ug/l

RT: 10.88 min Scan# 1607

Delta R.T. 0.00 min

Lab File: VX015985.D

Acq: 29 Apr 2020 18:18

Tgt Ion: 43 Resp: 351417

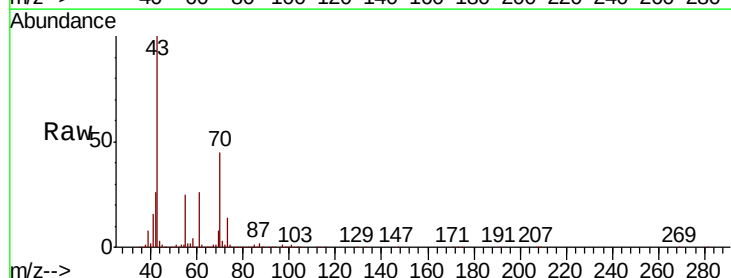
Ion Ratio Lower Upper

43 100

70 43.1 34.5 51.7

55 24.1 18.6 28.0

61 24.7 19.8 29.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

400000

300000

200000

100000

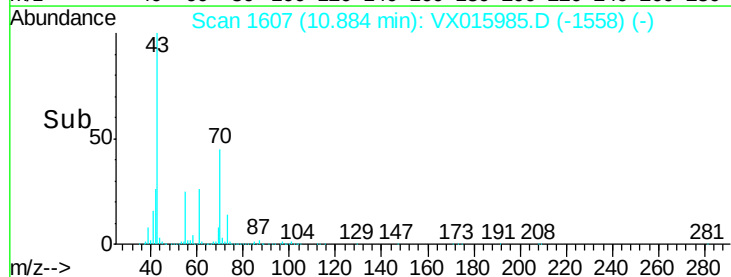
0

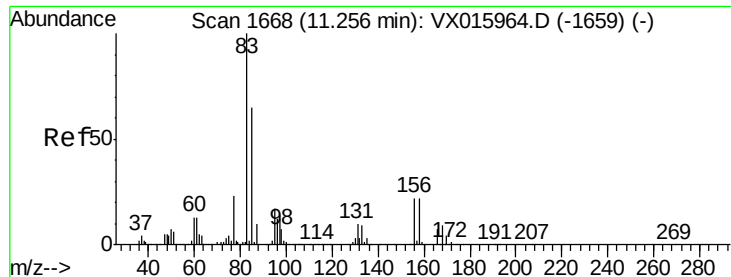
10.88

10.90

11.00

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 49.201 ug/l

RT: 11.26 min Scan# 1668

Delta R.T. 0.00 min

Lab File: VX015985.D

Acq: 29 Apr 2020 18:18

Instrument :

MSVOA_X

ClientSampleId :

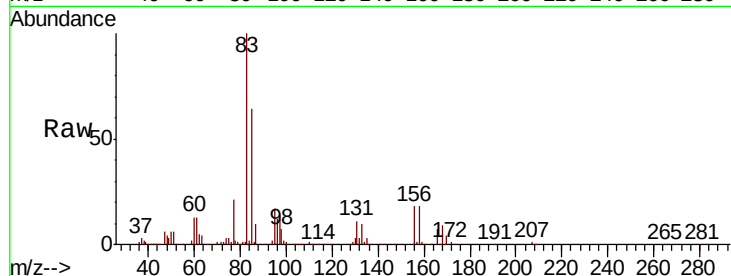
Tot Ion: 83 Resp: 162607

Ion	Ratio	Lower	Upper
83	100		
131	10.4	5.1	15.4
85	64.0	32.2	96.6

83 100

131 10.4 5.1 15.4

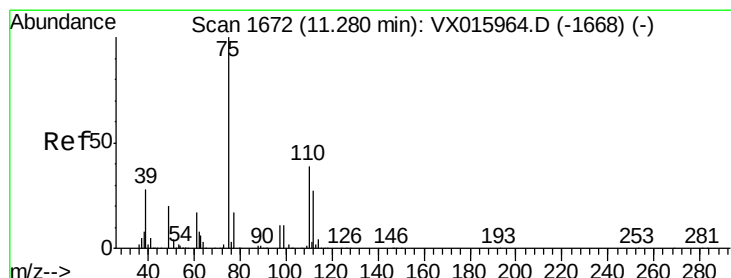
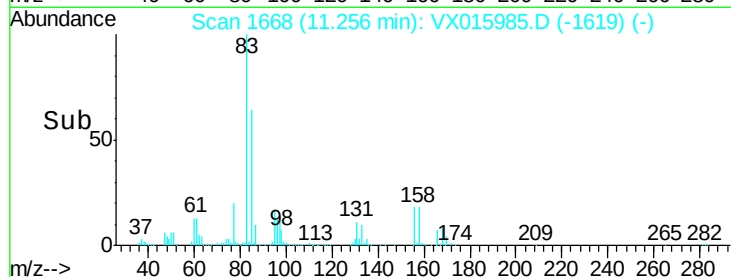
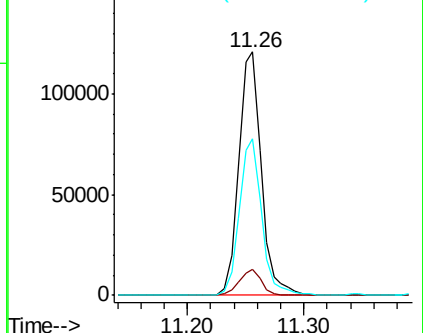
85 64.0 32.2 96.6



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 69.490 ug/l

RT: 11.28 min Scan# 1672

Delta R.T. 0.00 min

Lab File: VX015985.D

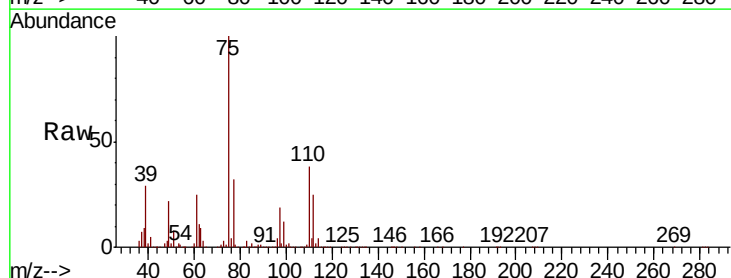
Acq: 29 Apr 2020 18:18

Tgt Ion: 75 Resp: 305573

Ion	Ratio	Lower	Upper
75	100		
77	32.0	21.6	65.0

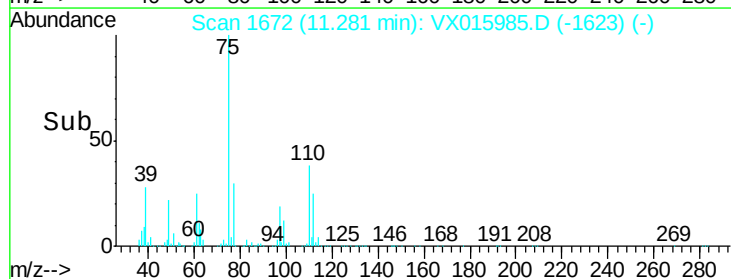
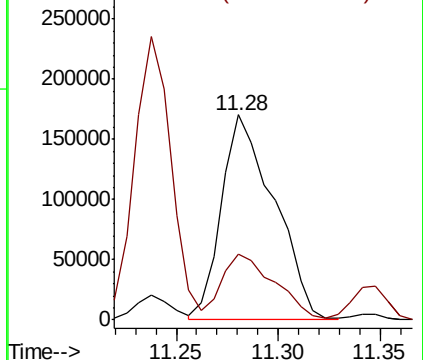
75 100

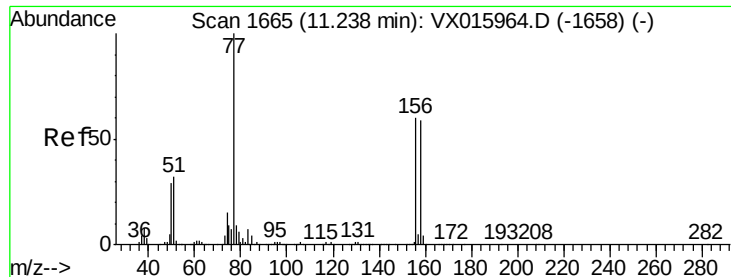
77 32.0 21.6 65.0



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 50.195 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. 0.00 min

Lab File: VX015985.D

Acq: 29 Apr 2020 18:18

Instrument :

MSVOA_X

ClientSampled :

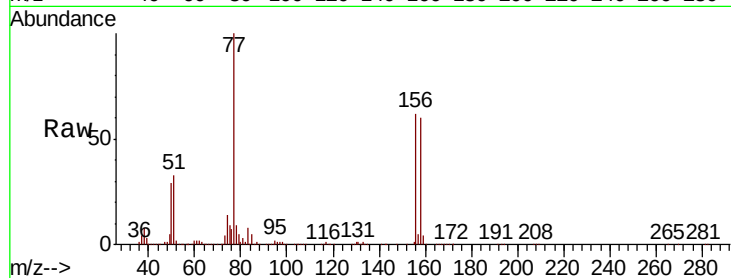
Tot Ion:156 Resp: 184198

Ion Ratio Lower Upper

156 100

77 160.0 78.3 234.8

158 98.5 48.5 145.5



Abundance Ion 155.80 (155.50 to 156.50): V

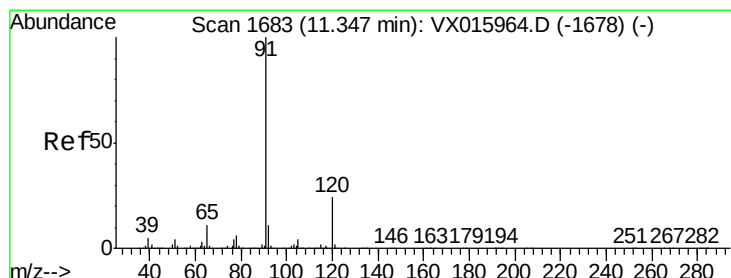
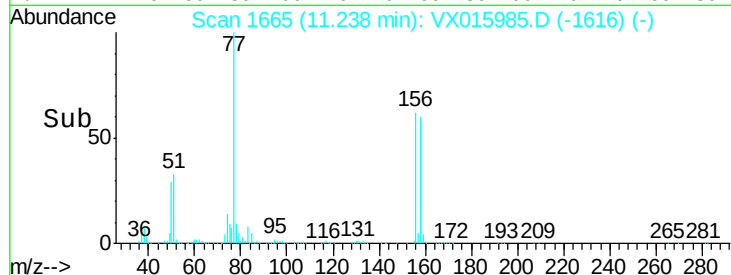
Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V

Time-->

11.24

11.30



#78

n-propylbenzene

Concen: 51.219 ug/l

RT: 11.35 min Scan# 1683

Delta R.T. 0.00 min

Lab File: VX015985.D

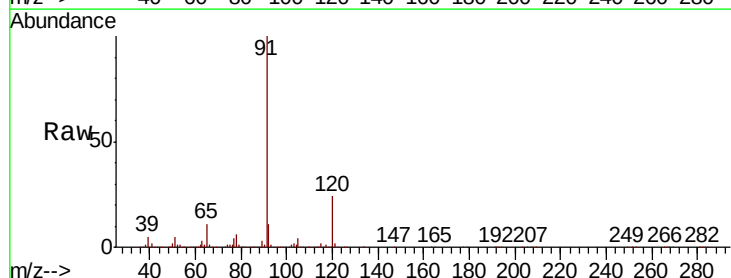
Acq: 29 Apr 2020 18:18

Tgt Ion: 91 Resp: 839976

Ion Ratio Lower Upper

91 100

120 23.1 11.8 35.3



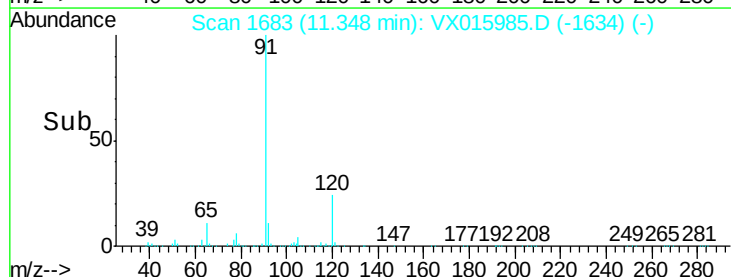
Abundance Ion 91.00 (90.70 to 91.70): VX0

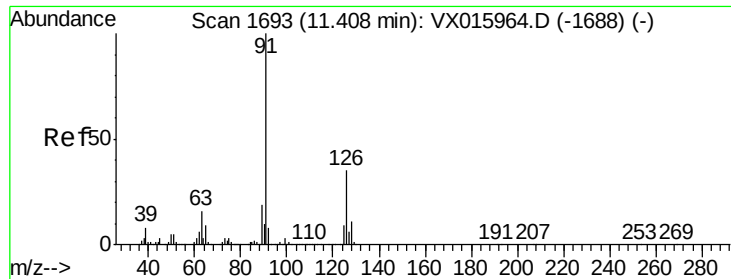
Ion 120.00 (119.70 to 120.70): V

Time-->

11.35

11.35





#79

2-Chlorotoluene

Concen: 50.199 ug/l

RT: 11.41 min Scan# 1693

Delta R.T. 0.00 min

Lab File: VX015985.D

Acq: 29 Apr 2020 18:18

Instrument :

MSVOA_X

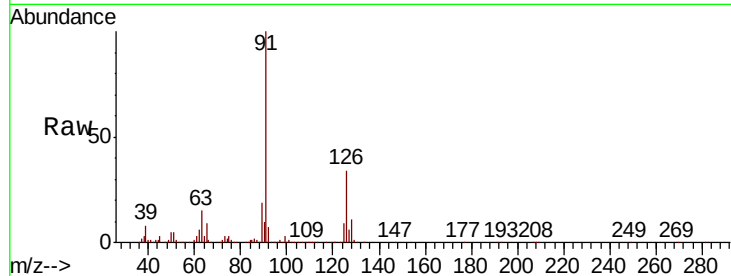
ClientSampleId :

Tot Ion: 91 Resp: 490500

Ion Ratio Lower Upper

91 100

126 33.7 17.0 51.0



Abundance Ion 91.00 (90.70 to 91.70): VX015964.D (-1688) (-)

Ion 125.90 (125.60 to 126.60): VX015964.D (-1688) (-)

800000

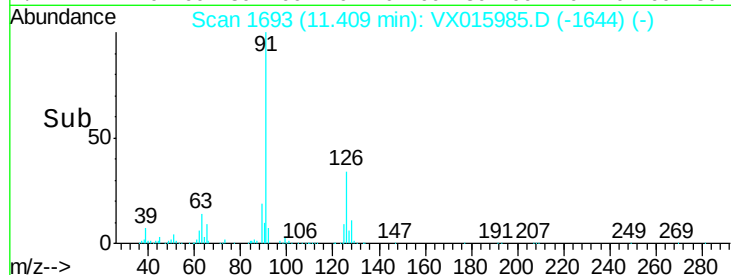
600000

400000

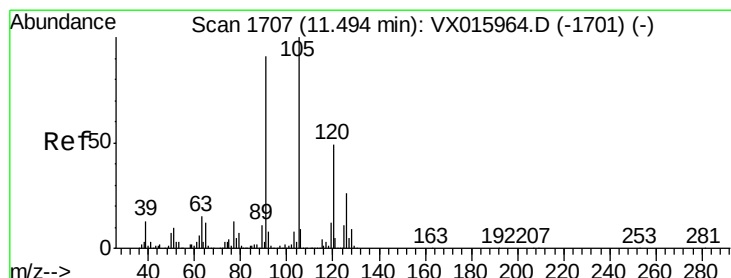
200000

0

11.35 11.40 11.45



Time-->



#80

1,3,5-Trimethylbenzene

Concen: 51.230 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. 0.00 min

Lab File: VX015985.D

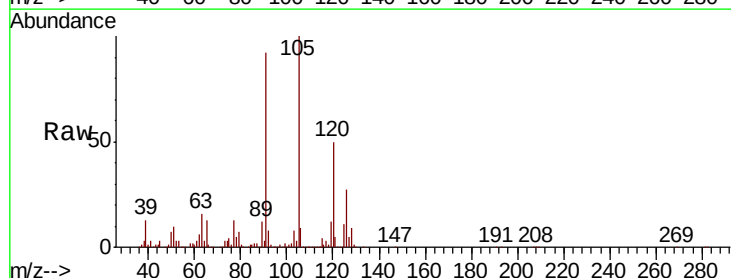
Acq: 29 Apr 2020 18:18

Tgt Ion: 105 Resp: 615222

Ion Ratio Lower Upper

105 100

120 49.0 24.6 73.6



Abundance Ion 105.00 (104.70 to 105.70): VX015964.D (-1701) (-)

Ion 120.00 (119.70 to 120.70): VX015964.D (-1701) (-)

600000

500000

400000

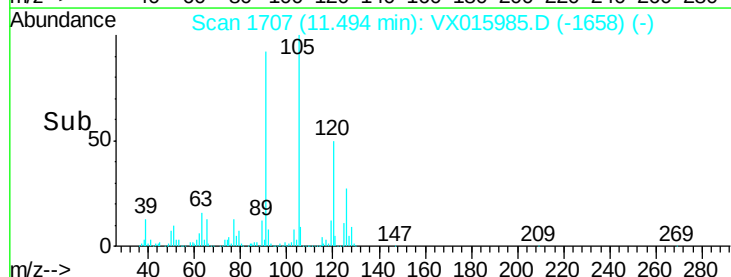
300000

200000

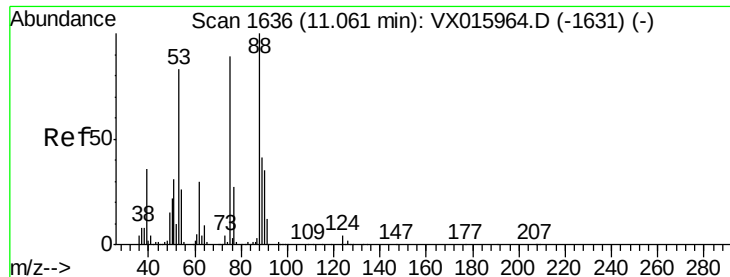
100000

0

11.40 11.50 11.60



Time-->



#81

trans-1,4-Dichloro-2-butene

Concen: 50.052 ug/l

RT: 11.06 min Scan# 1636

Delta R.T. 0.00 min

Lab File: VX015985.D

Acq: 29 Apr 2020 18:18

Instrument :

MSVOA_X

ClientSampleId :

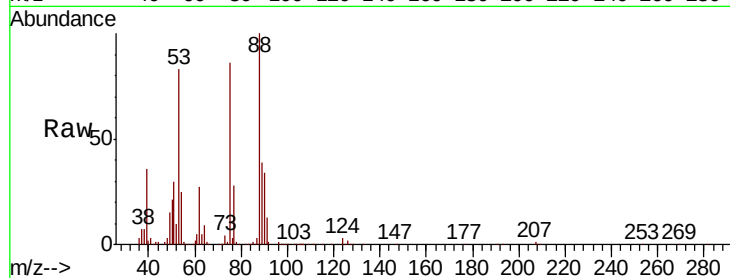
Tot Ion: 75 Resp: 93137

Ion Ratio Lower Upper

75 100

53 99.7 78.3 117.5

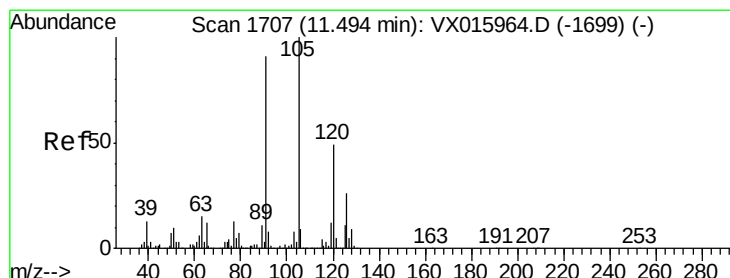
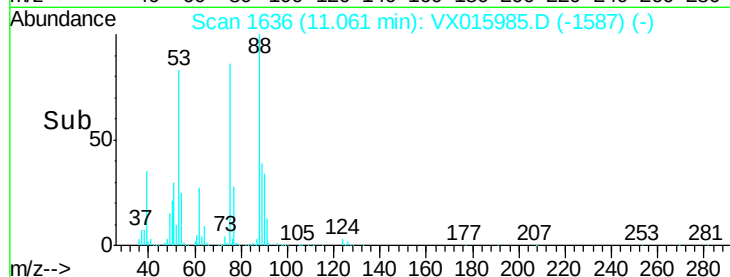
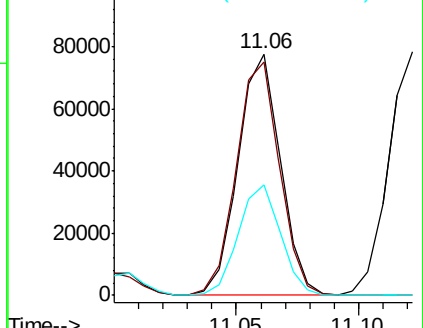
89 46.2 37.2 55.8



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 50.584 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. 0.00 min

Lab File: VX015985.D

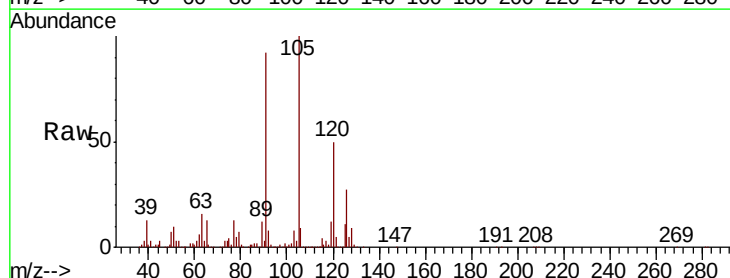
Acq: 29 Apr 2020 18:18

Tgt Ion: 91 Resp: 591154

Ion Ratio Lower Upper

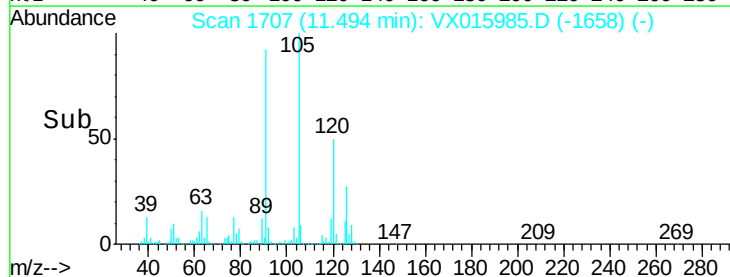
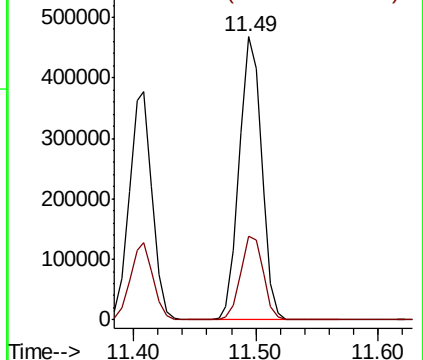
91 100

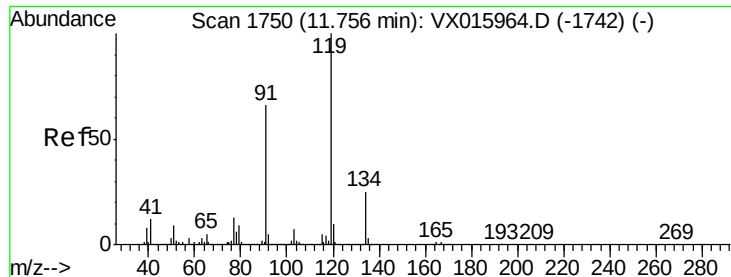
126 29.8 14.8 44.3



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

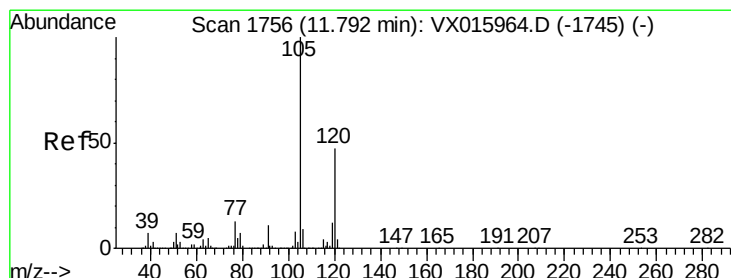
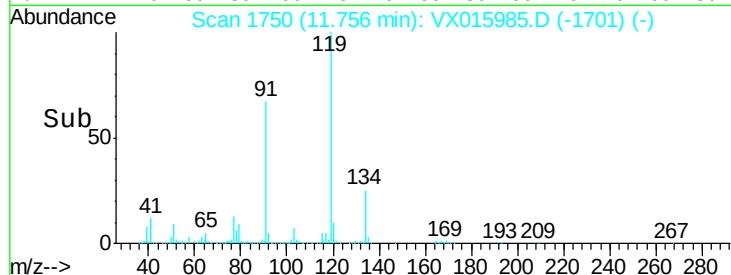
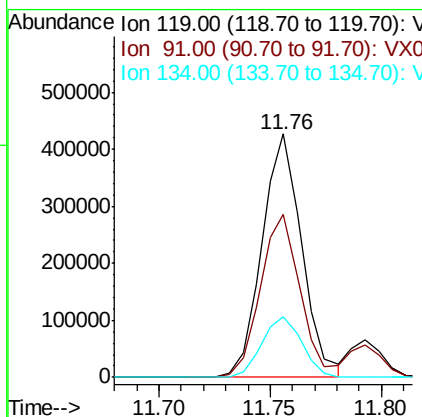
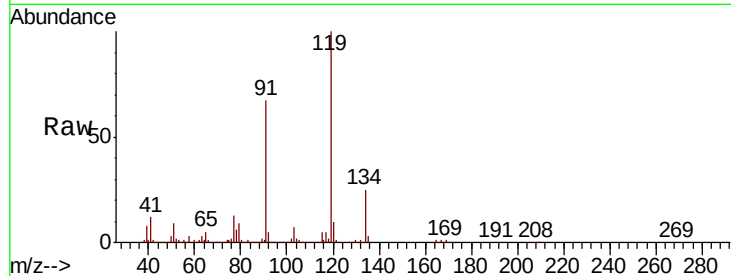




#83
 tert-Butylbenzene
 Concen: 51.049 ug/l
 RT: 11.76 min Scan# 1750
 Delta R.T. 0.00 min
 Lab File: VX015985.D
 Acq: 29 Apr 2020 18:18

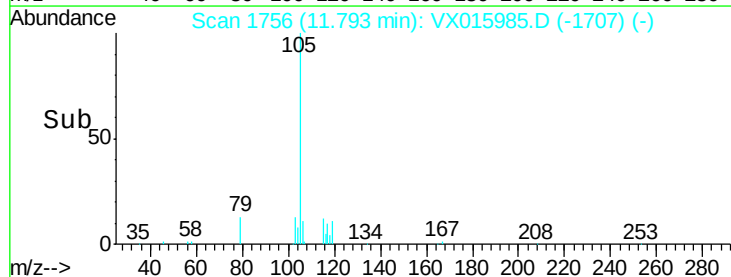
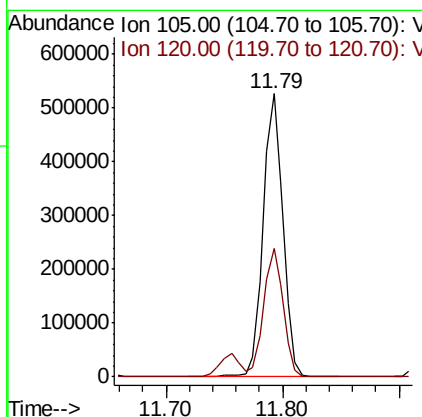
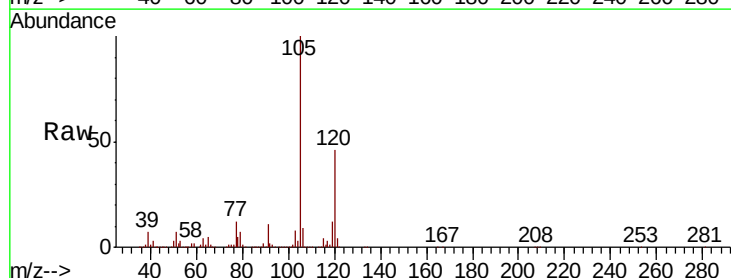
Instrument :
 MSVOA_X
 ClientSampleId :

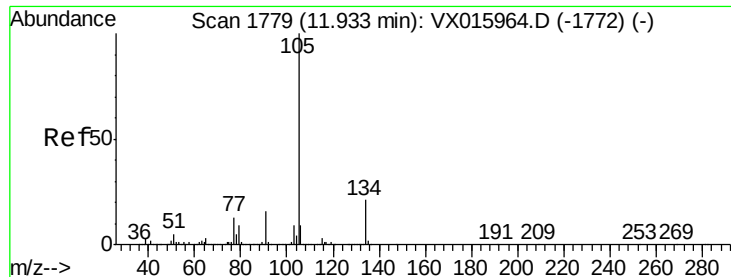
Tot Ion:119 Resp: 528593
 Ion Ratio Lower Upper
 119 100
 91 66.1 33.5 100.4
 134 25.3 12.4 37.2



#84
 1,2,4-Trimethylbenzene
 Concen: 51.741 ug/l
 RT: 11.79 min Scan# 1756
 Delta R.T. 0.00 min
 Lab File: VX015985.D
 Acq: 29 Apr 2020 18:18

Tgt Ion:105 Resp: 625349
 Ion Ratio Lower Upper
 105 100
 120 45.0 22.9 68.8

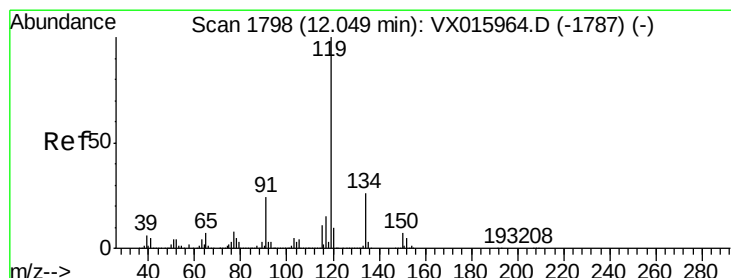
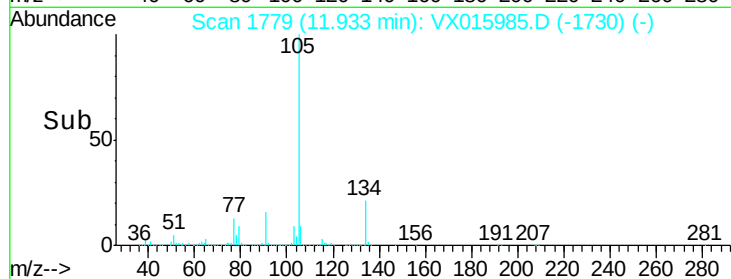
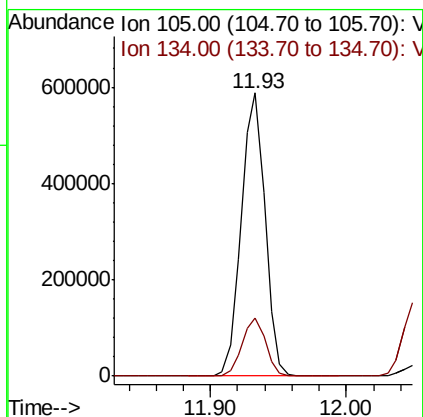
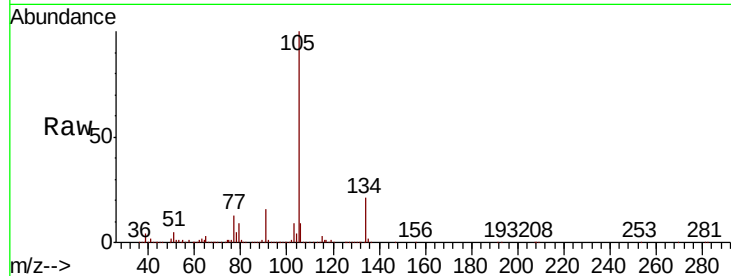




#85
 sec-Butylbenzene
 Concen: 51.202 ug/l
 RT: 11.93 min Scan# 1779
 Delta R.T. 0.00 min
 Lab File: VX015985.D
 Acq: 29 Apr 2020 18:18

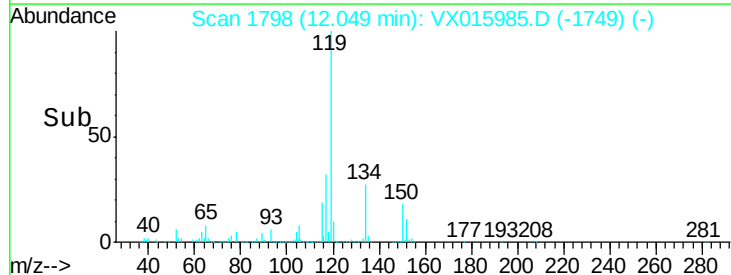
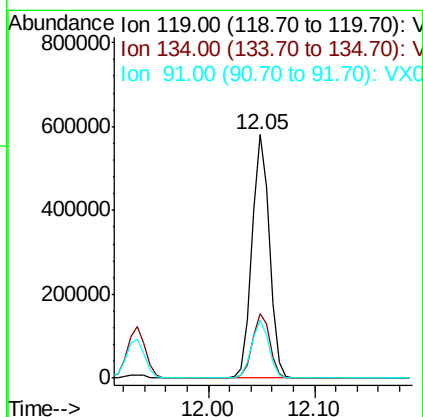
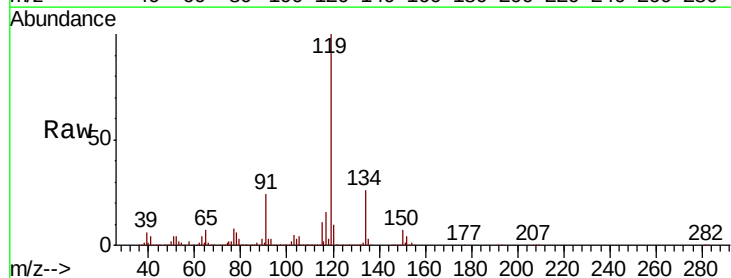
Instrument :
 MSVOA_X
 ClientSampled :

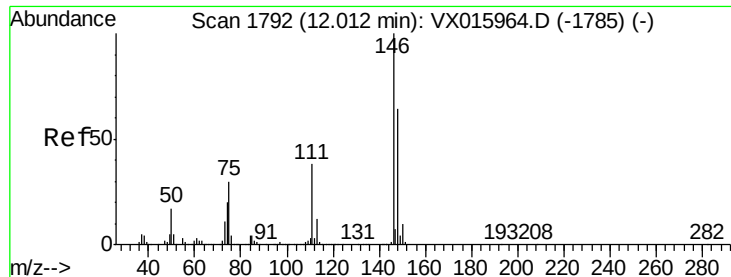
Tot Ion:105 Resp: 714309
 Ion Ratio Lower Upper
 105 100
 134 20.4 10.4 31.1



#86
 p-Isopropyltoluene
 Concen: 51.043 ug/l
 RT: 12.05 min Scan# 1798
 Delta R.T. 0.00 min
 Lab File: VX015985.D
 Acq: 29 Apr 2020 18:18

Tgt Ion:119 Resp: 666993
 Ion Ratio Lower Upper
 119 100
 134 26.6 13.0 39.0
 91 23.7 11.9 35.9

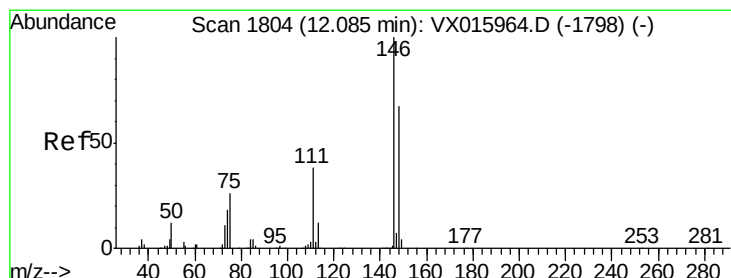
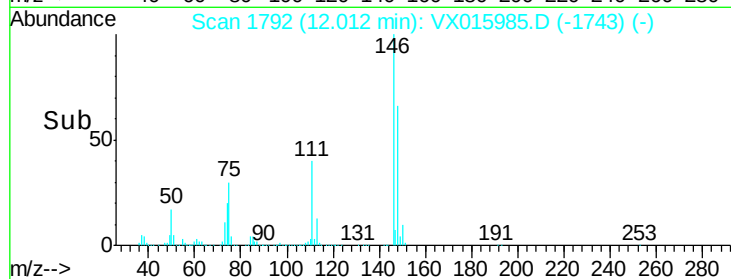
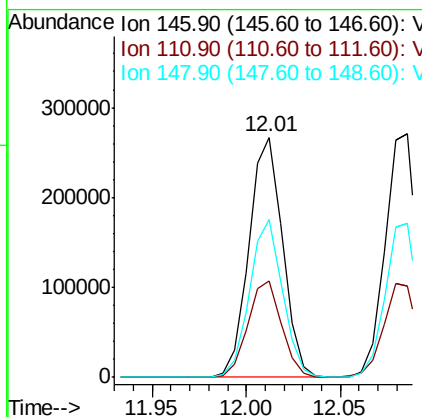
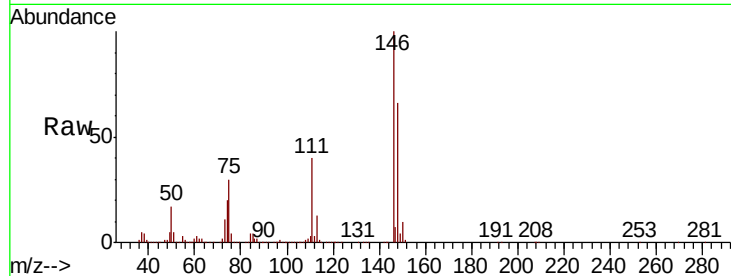




#87
 1,3-Dichlorobenzene
 Concen: 49.327 ug/l
 RT: 12.01 min Scan# 1792
 Delta R.T. 0.00 min
 Lab File: VX015985.D
 Acq: 29 Apr 2020 18:18

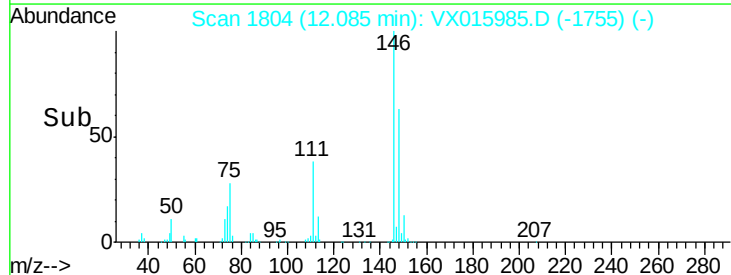
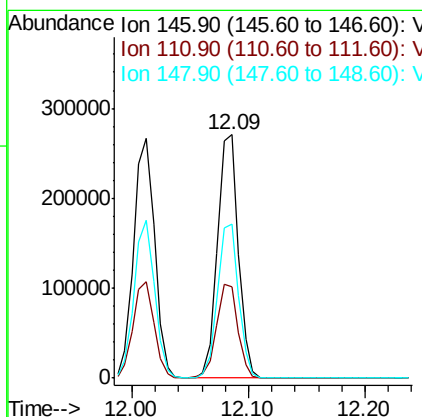
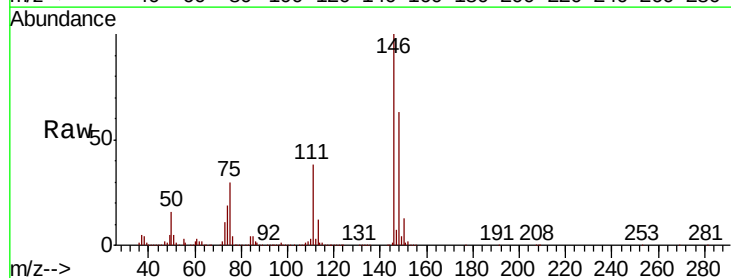
Instrument :
 MSVOA_X
 ClientSampleId :

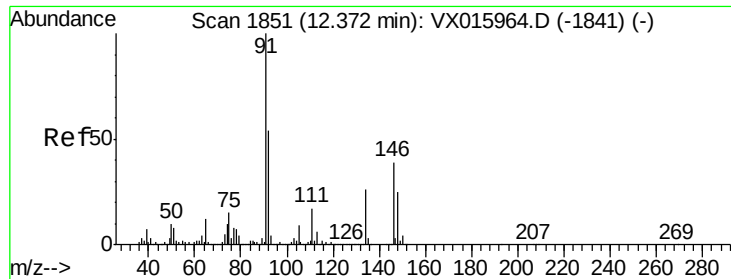
Tot Ion	Ratio	Lower	Upper
146	100		
111	40.4	19.6	58.8
148	64.2	32.0	96.0



#88
 1,4-Dichlorobenzene
 Concen: 49.022 ug/l
 RT: 12.09 min Scan# 1804
 Delta R.T. 0.00 min
 Lab File: VX015985.D
 Acq: 29 Apr 2020 18:18

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.7	19.7	59.0
148	63.9	32.8	98.4

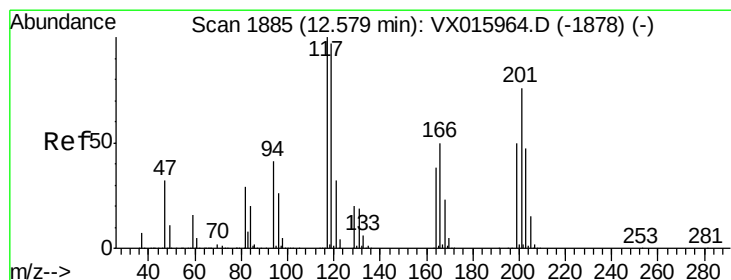
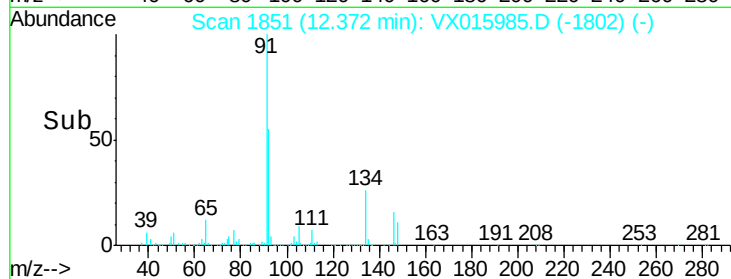
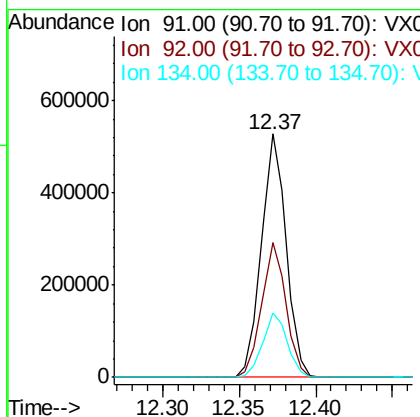
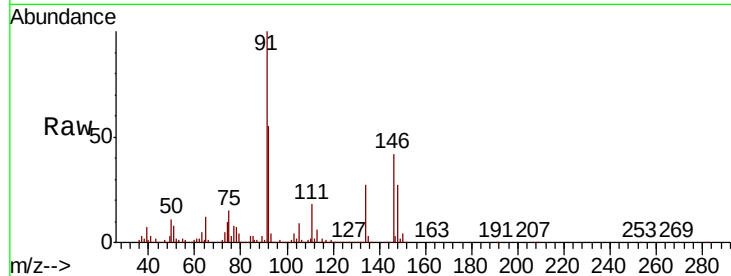




#89
n-Butylbenzene
Concen: 50.685 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. 0.00 min
Lab File: VX015985.D
Acq: 29 Apr 2020 18:18

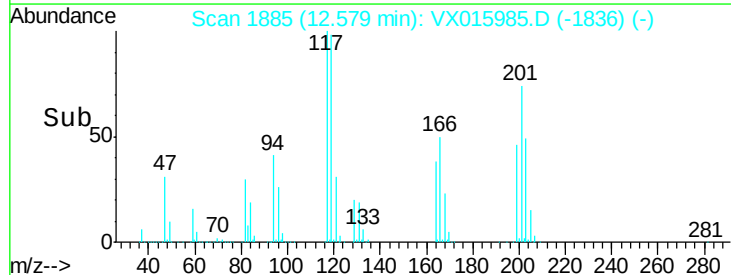
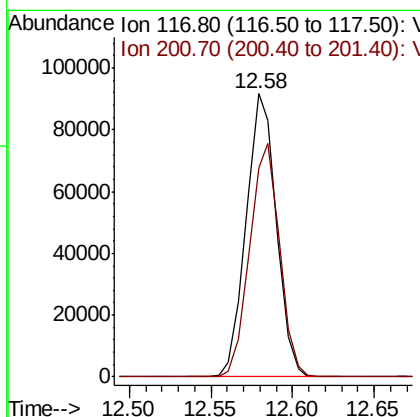
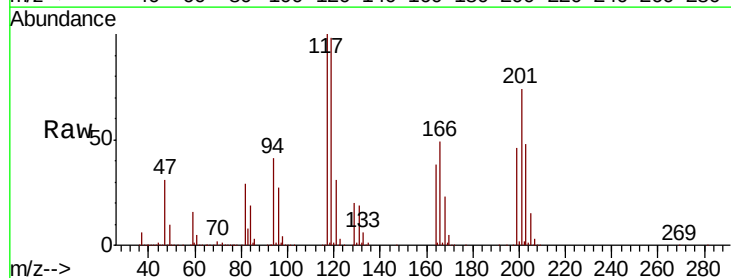
Instrument :
MSVOA_X
ClientSampleId :

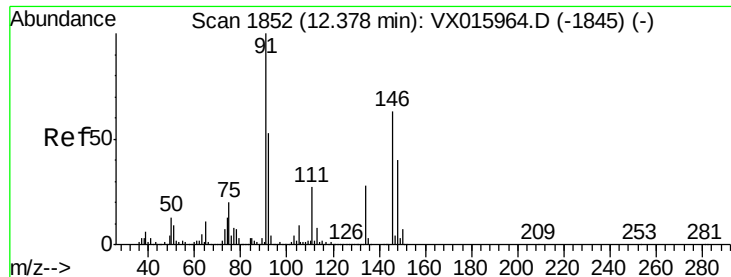
Tot Ion: 91 Resp: 598437
Ion Ratio Lower Upper
91 100
92 54.4 27.1 81.3
134 26.5 13.3 39.8



#90
Hexachloroethane
Concen: 51.317 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. 0.00 min
Lab File: VX015985.D
Acq: 29 Apr 2020 18:18

Tgt Ion: 117 Resp: 118482
Ion Ratio Lower Upper
117 100
201 81.7 40.3 120.8

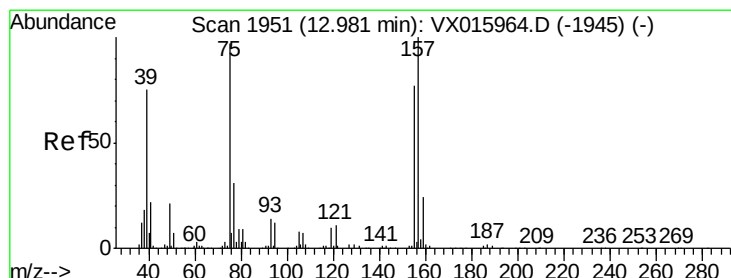
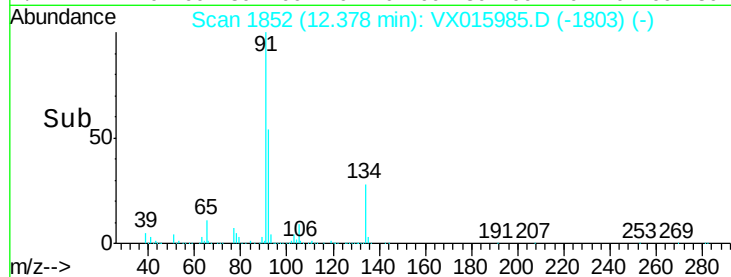
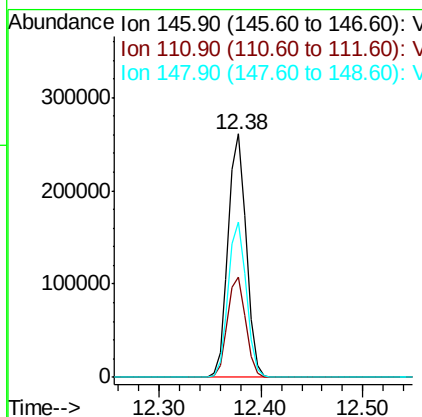
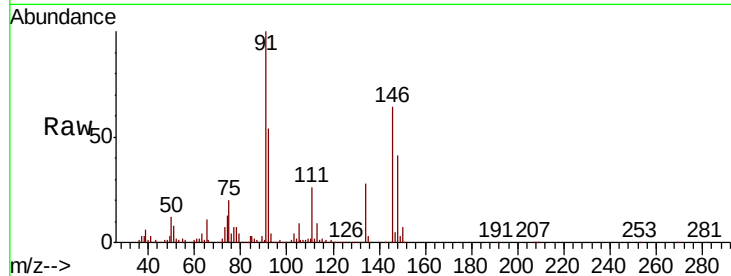




#91
 1,2-Dichlorobenzene
 Concen: 49.794 ug/l
 RT: 12.38 min Scan# 1852
 Delta R.T. 0.00 min
 Lab File: VX015985.D
 Acq: 29 Apr 2020 18:18

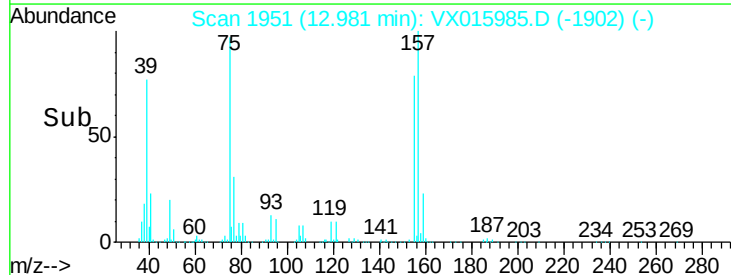
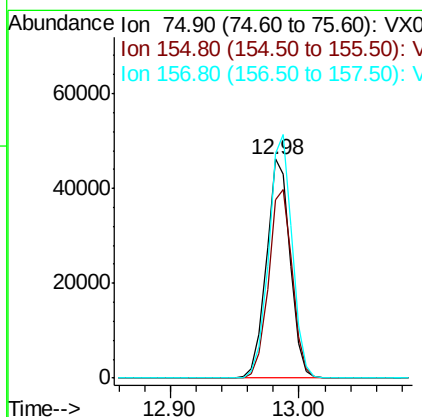
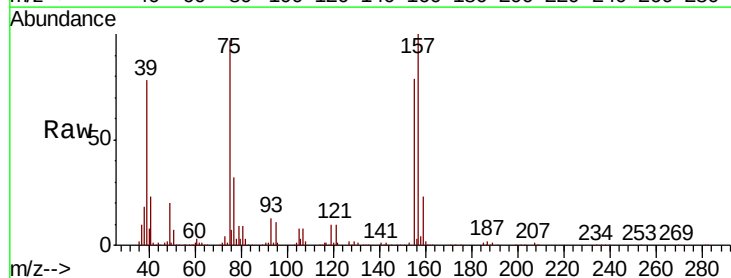
Instrument :
 MSVOA_X
 ClientSampleId :

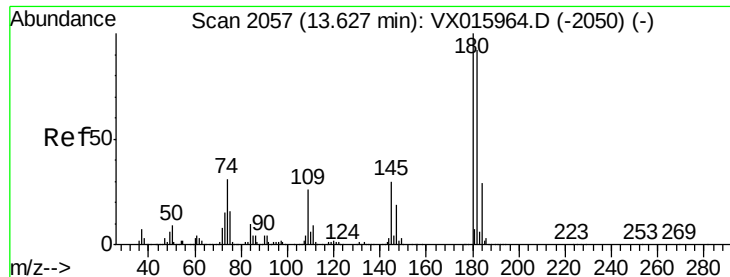
Tot Ion	Ratio	Lower	Upper
146	100		
111	41.6	21.1	63.3
148	63.8	32.3	96.9



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 50.251 ug/l
 RT: 12.98 min Scan# 1951
 Delta R.T. 0.00 min
 Lab File: VX015985.D
 Acq: 29 Apr 2020 18:18

Tgt Ion	Ratio	Lower	Upper
75	100		
155	86.0	42.5	127.6
157	109.4	56.0	168.2

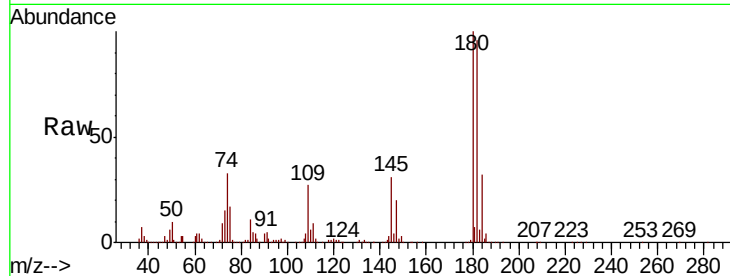




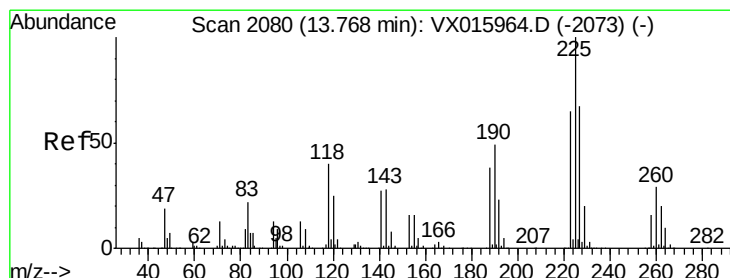
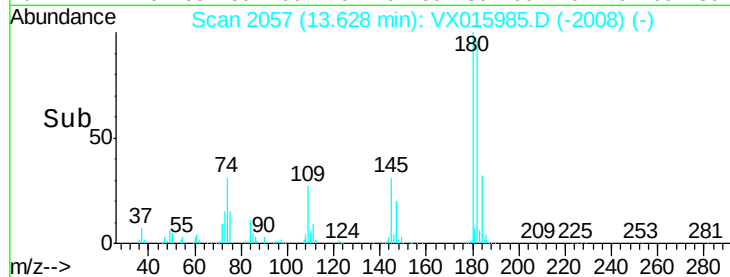
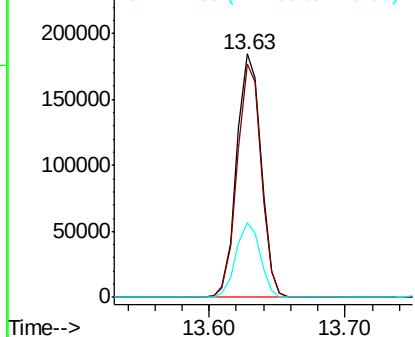
#93
 1,2,4-Trichlorobenzene
 Concen: 47.923 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. 0.00 min
 Lab File: VX015985.D
 Acq: 29 Apr 2020 18:18

Instrument :
 MSVOA_X
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
180	100		
182	94.6	46.9	140.6
145	30.4	14.7	44.1

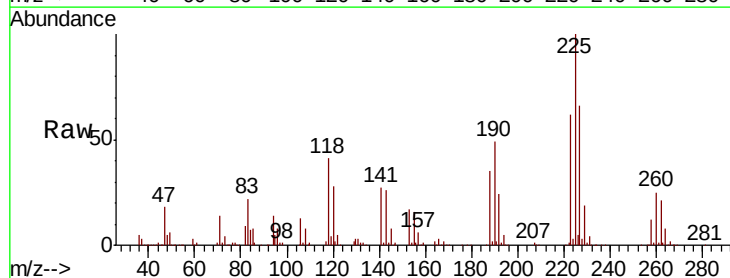


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

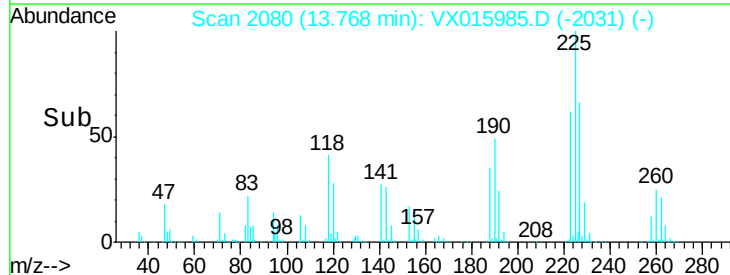
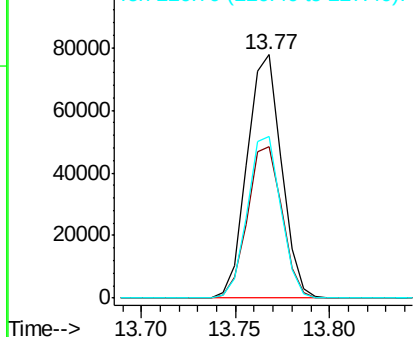


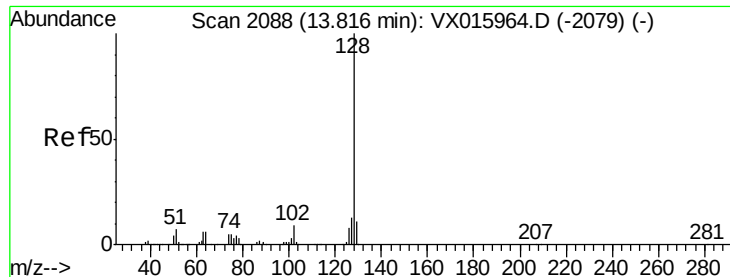
#94
 Hexachlorobutadiene
 Concen: 45.897 ug/l
 RT: 13.77 min Scan# 2080
 Delta R.T. 0.00 min
 Lab File: VX015985.D
 Acq: 29 Apr 2020 18:18

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.4	32.0	96.0
227	64.8	33.0	99.0



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

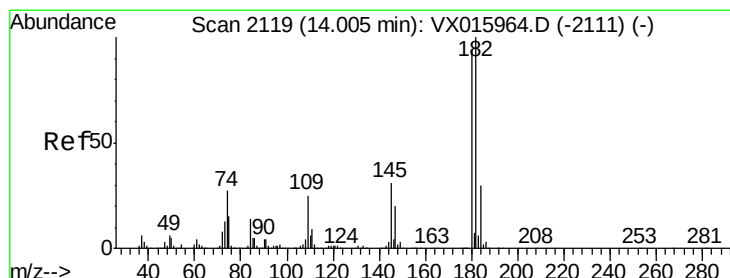
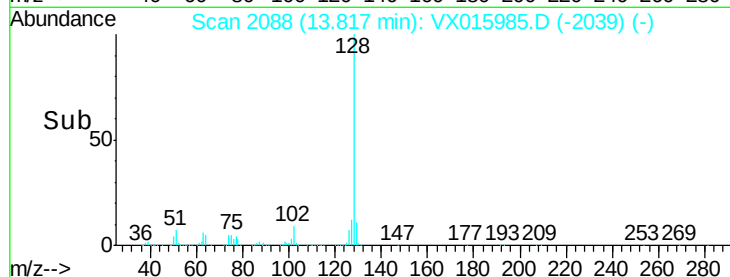
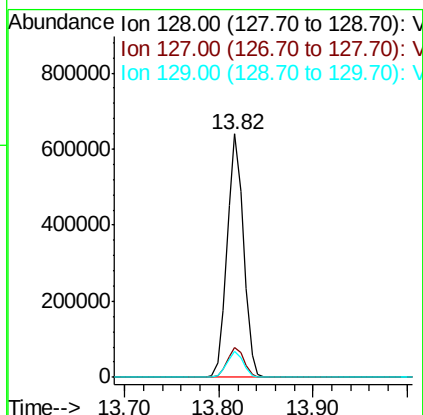
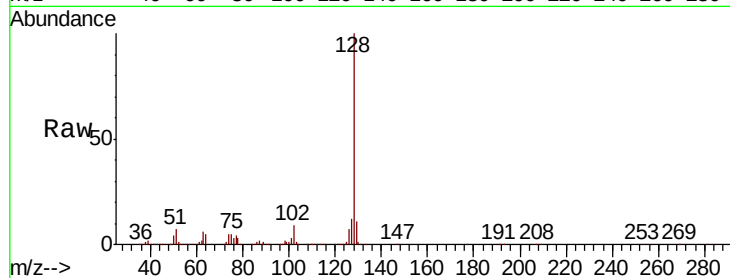




#95
Naphthalene
Concen: 50.735 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. 0.00 min
Lab File: VX015985.D
Acq: 29 Apr 2020 18:18

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:128 Resp: 768553
Ion Ratio Lower Upper
128 100
127 12.8 10.4 15.6
129 10.9 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 48.358 ug/l
RT: 14.00 min Scan# 2118
Delta R.T. -0.01 min
Lab File: VX015985.D
Acq: 29 Apr 2020 18:18

Tgt Ion:180 Resp: 223648
Ion Ratio Lower Upper
180 100
182 97.4 48.7 146.1
145 32.6 16.1 48.3

