

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX042920\
 Data File : VX015983.D
 Acq On : 29 Apr 2020 17:33
 Operator : JC/SP
 Sample : L2405-04MS
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Apr 30 05:36:57 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	252250	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	417552	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	391594	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	199900	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.03	65	165152	50.08	ug/l	0.00
Spiked Amount			Recovery	=	100.16%	
35) Dibromofluoromethane	5.46	113	124831	47.93	ug/l	0.00
Spiked Amount			Recovery	=	95.86%	
50) Toluene-d8	8.70	98	467318	47.99	ug/l	0.00
Spiked Amount			Recovery	=	95.98%	
62) 4-Bromofluorobenzene	11.12	95	186028	48.70	ug/l	0.00
Spiked Amount			Recovery	=	97.40%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.18	85	124649	55.221	ug/l	98
3) Chloromethane	1.31	50	142653	52.146	ug/l	100
4) Vinyl Chloride	1.39	62	165601	53.303	ug/l	98
5) Bromomethane	1.62	94	107266	51.430	ug/l	99
6) Chloroethane	1.71	64	108798	52.647	ug/l	99
7) Trichlorofluoromethane	1.92	101	244287	52.022	ug/l	98
8) Diethyl Ether	2.17	74	101962	52.010	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.36	101	123568	52.791	ug/l	99
10) Methyl Iodide	2.49	142	167844	51.403	ug/l	99
11) Tert butyl alcohol	3.01	59	198506	247.952	ug/l	99
12) 1,1-Dichloroethene	2.36	96	124181	51.454	ug/l	96
13) Acrolein	2.27	56	59543	295.948	ug/l	99
14) Allyl chloride	2.71	41	232431	53.409	ug/l	99
15) Acrylonitrile	3.12	53	428782	270.116	ug/l	99
16) Acetone	2.42	43	383309	271.789	ug/l	97
17) Carbon Disulfide	2.55	76	361126	51.296	ug/l	99
18) Methyl Acetate	2.75	43	204834	51.182	ug/l	99
19) Methyl tert-butyl Ether	3.17	73	468263	53.644	ug/l	100
20) Methylene Chloride	2.84	84	142951	51.203	ug/l	98
21) trans-1,2-Dichloroethene	3.14	96	137250	50.460	ug/l	97
22) Diisopropyl ether	3.82	45	460707	53.847	ug/l	97
23) Vinyl Acetate	3.79	43	1941704	261.254	ug/l	100
24) 1,1-Dichloroethane	3.67	63	257373	54.000	ug/l	99
25) 2-Butanone	4.64	43	615988	269.532	ug/l	100
26) 2,2-Dichloropropane	4.56	77	215782	49.516	ug/l	99
27) cis-1,2-Dichloroethene	4.57	96	159646	51.722	ug/l	99
28) Bromochloromethane	4.98	49	114079	49.462	ug/l	98
29) Tetrahydrofuran	5.09	42	397369	265.311	ug/l	99
30) Chloroform	5.18	83	263387	53.144	ug/l	97
31) Cyclohexane	5.55	56	225847	53.227	ug/l	99
32) 1,1,1-Trichloroethane	5.46	97	240381	52.678	ug/l	100
36) 1,1-Dichloropropene	5.78	75	195994	49.283	ug/l	99
37) Ethyl Acetate	4.79	43	226941	49.765	ug/l	98
38) Carbon Tetrachloride	5.76	117	212793	50.658	ug/l	99

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 MSVOA_X
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Quant Time: Apr 30 05:36:57 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)
39) Methylcyclohexane	7.44	83	230322	50.068	ug/l	96
40) Benzene	6.12	78	572770	50.476	ug/l	99
41) Methacrylonitrile	5.01	41	126658	51.888	ug/l	98
42) 1,2-Dichloroethane	6.17	62	224286	51.012	ug/l	99
43) Isopropyl Acetate	6.42	43	375130	49.676	ug/l	99
44) Trichloroethene	7.19	130	190907	46.676	ug/l	100
45) 1,2-Dichloropropane	7.49	63	148790	50.736	ug/l	98
46) Dibromomethane	7.64	93	103942	49.880	ug/l	99
47) Bromodichloromethane	7.88	83	214466	51.791	ug/l	99
48) Methyl methacrylate	7.74	41	182979	52.481	ug/l	99
49) 1,4-Dioxane	7.71	88	73990	902.086	ug/l	99
51) 4-Methyl-2-Pentanone	8.62	43	1197458	261.426	ug/l	100
52) Toluene	8.77	92	367627	51.039	ug/l	100
53) t-1,3-Dichloropropene	9.02	75	243557	49.569	ug/l	99
54) cis-1,3-Dichloropropene	8.42	75	251804	49.828	ug/l	98
55) 1,1,2-Trichloroethane	9.20	97	146387	50.856	ug/l	98
56) Ethyl methacrylate	9.16	69	245112	52.369	ug/l	99
57) 1,3-Dichloropropane	9.35	76	252531	51.061	ug/l	99
59) 2-Hexanone	9.48	43	930967	260.070	ug/l	100
60) Dibromochloromethane	9.57	129	167854	52.100	ug/l	98
61) 1,2-Dibromoethane	9.65	107	158142	50.664	ug/l	98
64) Tetrachloroethene	9.32	164	217513	46.822	ug/l	98
65) Chlorobenzene	10.12	112	391995	49.148	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.21	131	151038	50.104	ug/l	99
67) Ethyl Benzene	10.24	91	712285	50.148	ug/l	99
68) m/p-Xylenes	10.34	106	534062	99.090	ug/l	99
69) o-Xylene	10.68	106	261350	51.074	ug/l	100
70) Styrene	10.70	104	450062	51.258	ug/l	99
71) Bromoform	10.84	173	127267	46.562	ug/l	100
73) Isopropylbenzene	11.00	105	704300	51.791	ug/l	100
74) N-amyl acetate	10.88	43	326084	49.719	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	160268	50.715	ug/l	100
76) 1,2,3-Trichloropropane	11.28	75	294091	70.112	ug/l	82
77) Bromobenzene	11.24	156	178458	50.982	ug/l	99
78) n-propylbenzene	11.35	91	808590	51.688	ug/l	99
79) 2-Chlorotoluene	11.41	91	475981	51.068	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	598535	52.250	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.06	75	89200	50.254	ug/l	100
82) 4-Chlorotoluene	11.49	91	573466	51.443	ug/l	100
83) tert-Butylbenzene	11.76	119	520501	52.698	ug/l	98
84) 1,2,4-Trimethylbenzene	11.79	105	607880	52.727	ug/l	98
85) sec-Butylbenzene	11.93	105	692478	52.037	ug/l	99
86) p-Isopropyltoluene	12.05	119	645148	51.758	ug/l	100
87) 1,3-Dichlorobenzene	12.01	146	315532	49.430	ug/l	98
88) 1,4-Dichlorobenzene	12.08	146	320127	49.622	ug/l	99
89) n-Butylbenzene	12.37	91	574583	51.017	ug/l	100
90) Hexachloroethane	12.58	117	113791	51.668	ug/l	98
91) 1,2-Dichlorobenzene	12.38	146	306567	50.224	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	57755	51.443	ug/l	97
93) 1,2,4-Trichlorobenzene	13.63	180	218384	47.667	ug/l	98

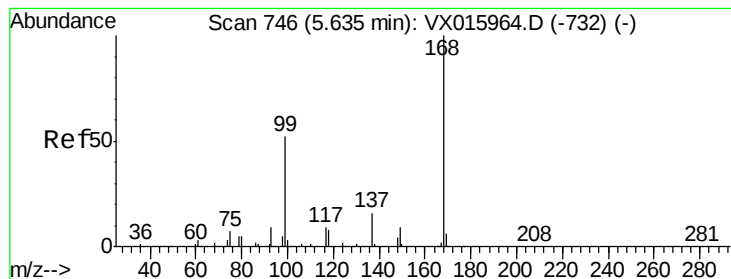
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Quant Title : SW846 8260
QLast Update : Tue Apr 28 17:30:11 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.76	225	93870	45.858	ug/l	98
95) Naphthalene	13.82	128	736432	50.964	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	220642	50.015	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.01 min

Lab File: VX015983.D

Acq: 29 Apr 2020 17:33

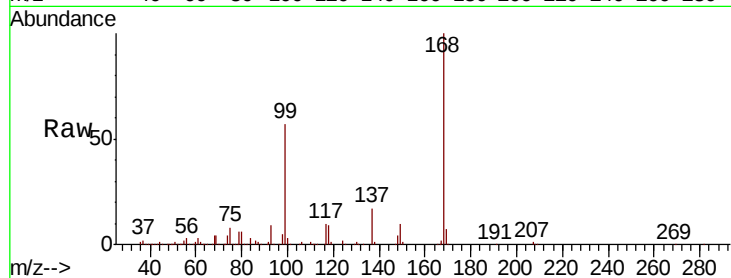
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:168 Resp: 252250

Ion Ratio Lower Upper

168 100

99 57.3 41.7 62.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.63

80000

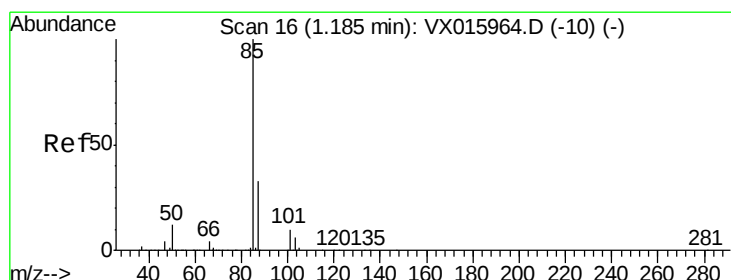
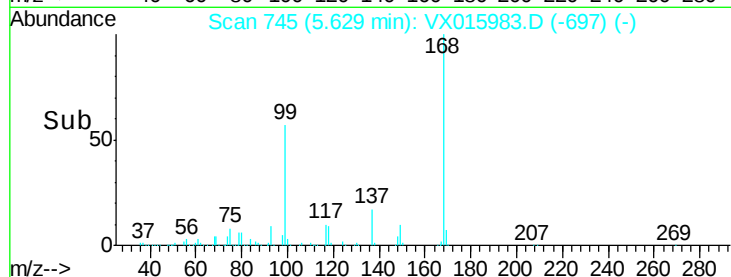
60000

40000

20000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 55.221 ug/l

RT: 1.18 min Scan# 16

Delta R.T. 0.00 min

Lab File: VX015983.D

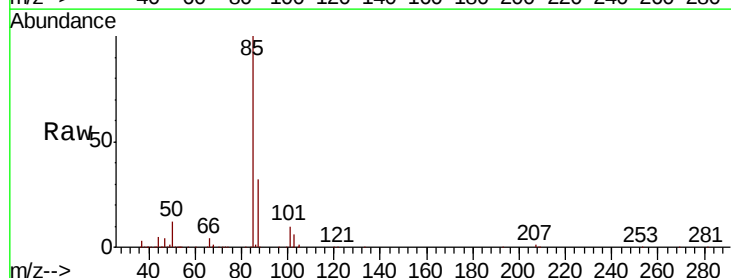
Acq: 29 Apr 2020 17:33

Tgt Ion: 85 Resp: 124649

Ion Ratio Lower Upper

85 100

87 32.4 16.7 50.1



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.18

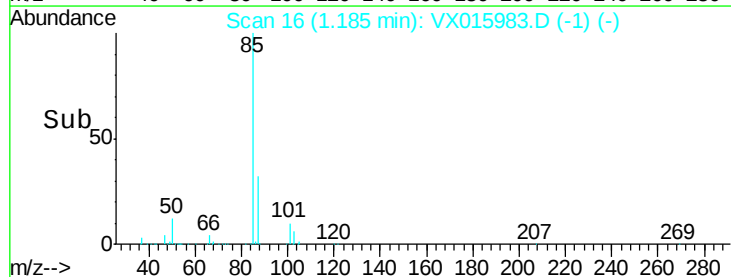
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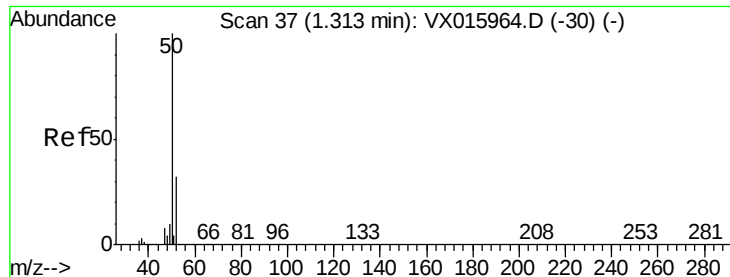
100000

50000

0

Time-->





#3

Chloromethane

Concen: 52.146 ug/l

RT: 1.31 min Scan# 37

Delta R.T. 0.00 min

Lab File: VX015983.D

Acq: 29 Apr 2020 17:33

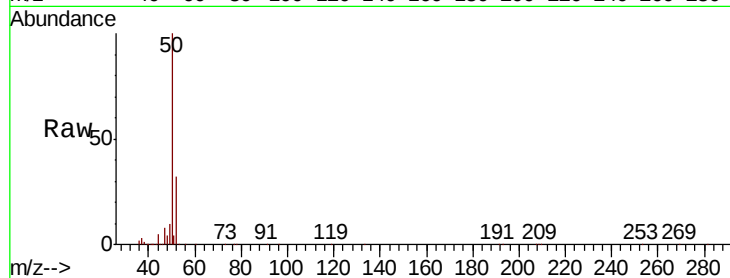
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 50 Resp: 142653

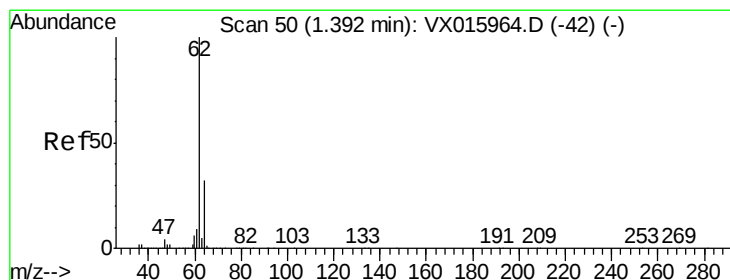
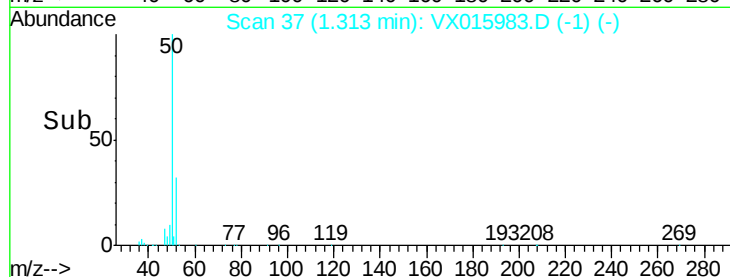
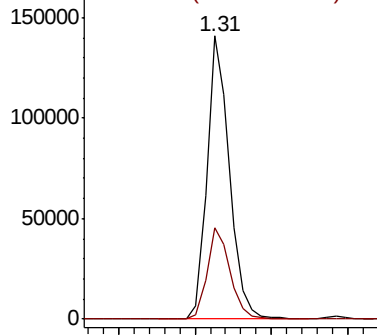
Ion Ratio Lower Upper

50 100

52 32.1 25.5 38.3



Abundance Ion 49.90 (49.60 to 50.60): VX0
Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 53.303 ug/l

RT: 1.39 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX015983.D

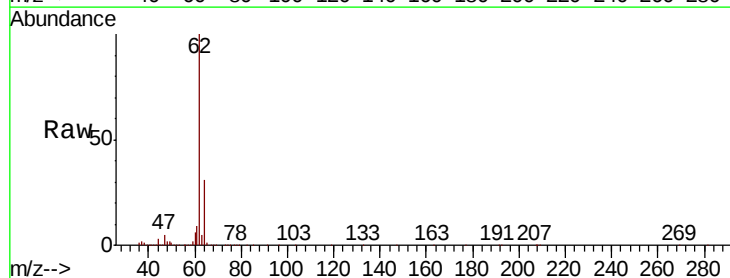
Acq: 29 Apr 2020 17:33

Tgt Ion: 62 Resp: 165601

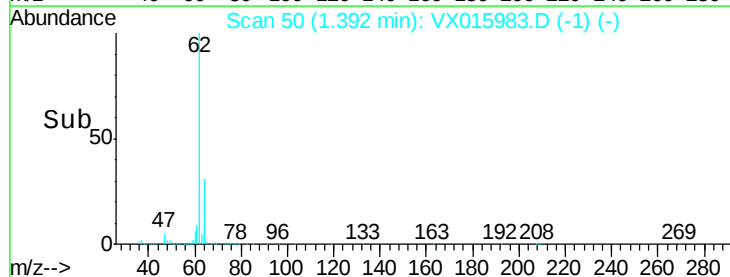
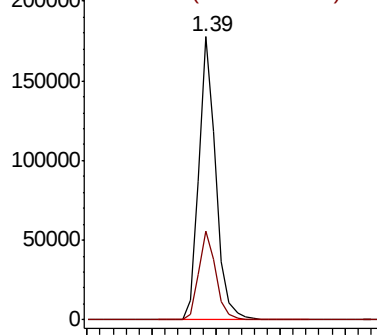
Ion Ratio Lower Upper

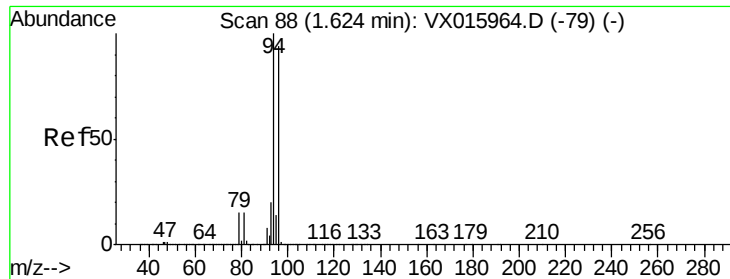
62 100

64 31.3 25.8 38.6



Abundance Ion 61.90 (61.60 to 62.60): VX0
Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 51.430 ug/l

RT: 1.62 min Scan# 88

Delta R.T. 0.00 min

Lab File: VX015983.D

Acq: 29 Apr 2020 17:33

Instrument :

MSVOA_X

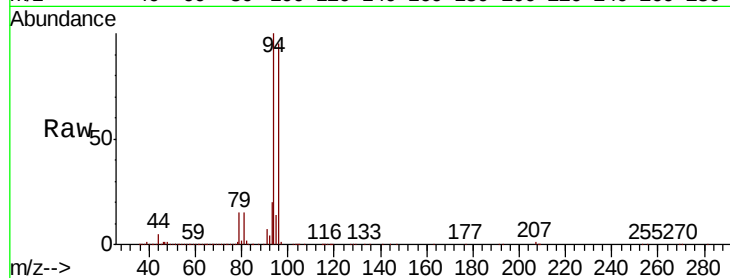
ClientSampleId :

Tot Ion: 94 Resp: 107266

Ion Ratio Lower Upper

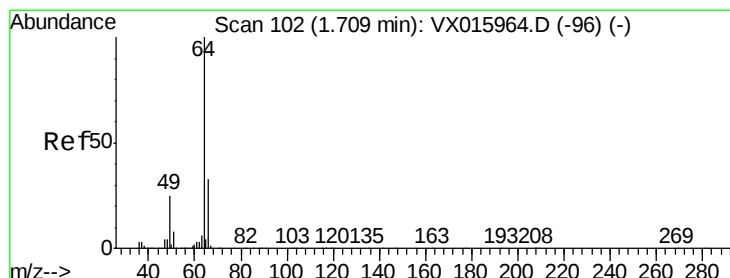
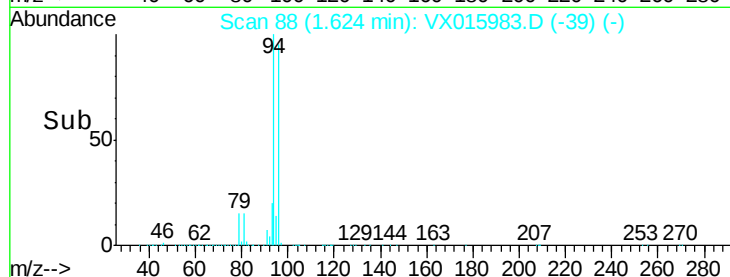
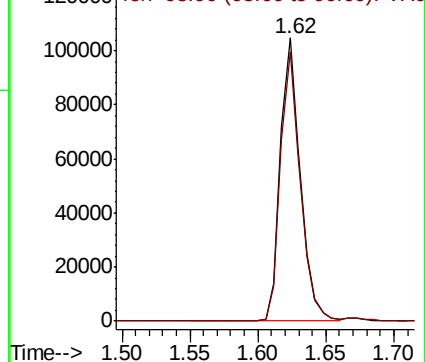
94 100

96 94.8 74.9 112.3



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 52.647 ug/l

RT: 1.71 min Scan# 102

Delta R.T. 0.00 min

Lab File: VX015983.D

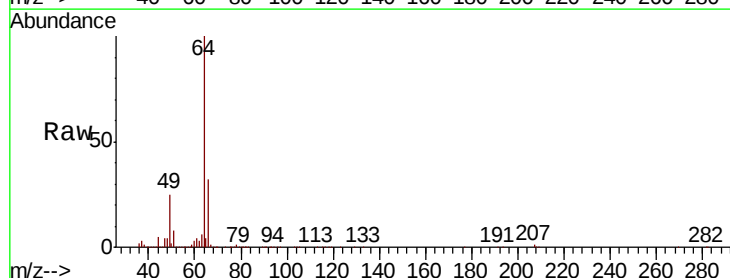
Acq: 29 Apr 2020 17:33

Tgt Ion: 64 Resp: 108798

Ion Ratio Lower Upper

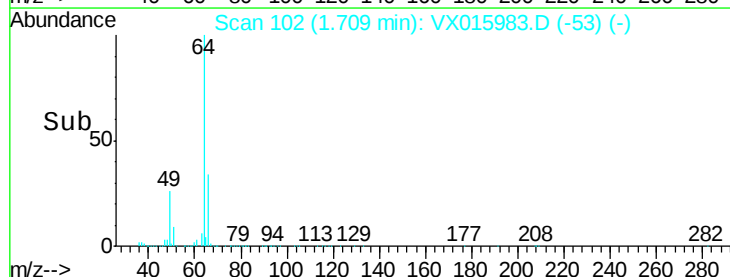
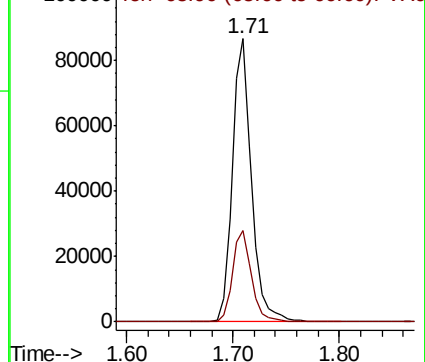
64 100

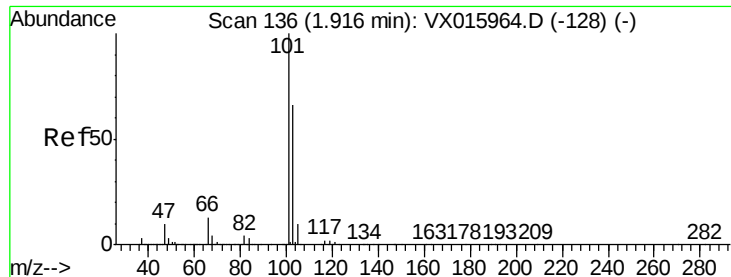
66 32.1 26.2 39.2



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



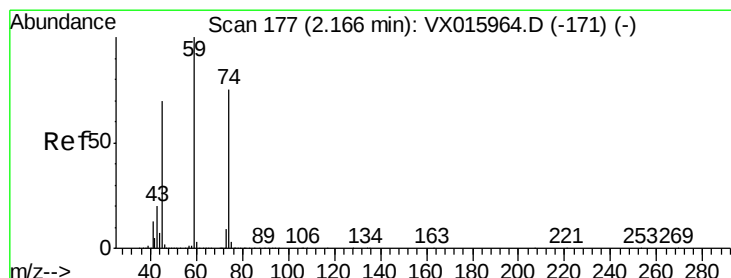
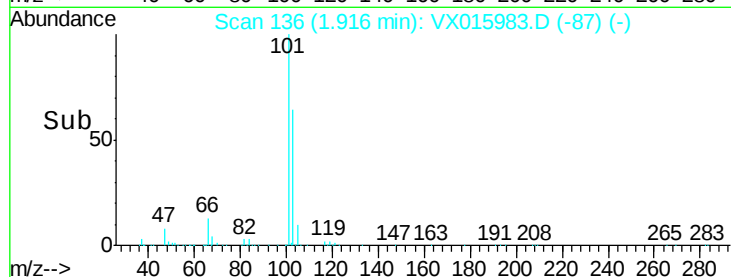
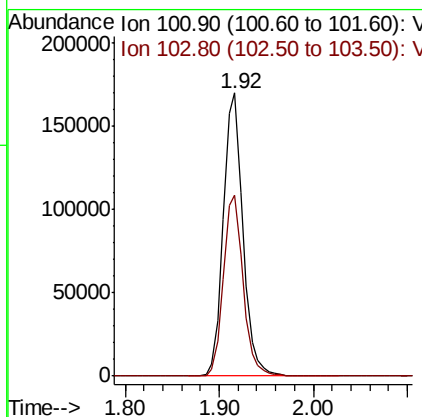
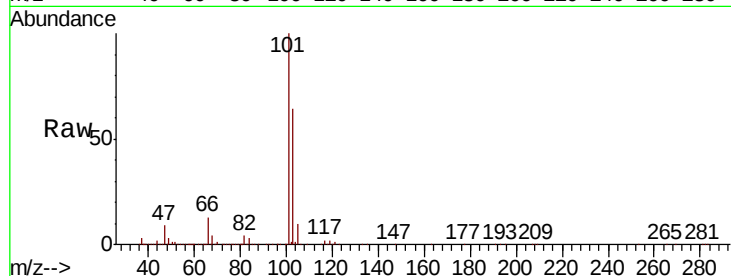


#7

Trichlorofluoromethane
 Concen: 52.022 ug/l
 RT: 1.92 min Scan# 136
 Delta R.T. 0.00 min
 Lab File: VX015983.D
 Acq: 29 Apr 2020 17:33

Instrument :
 MSVOA_X
 ClientSampleId :

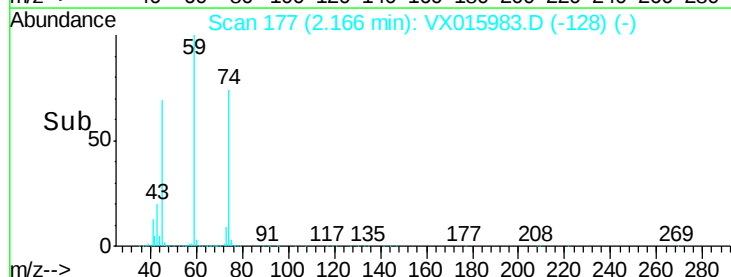
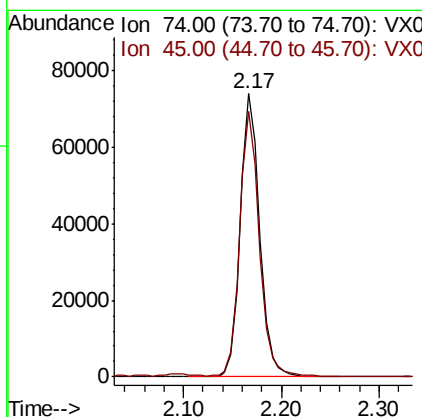
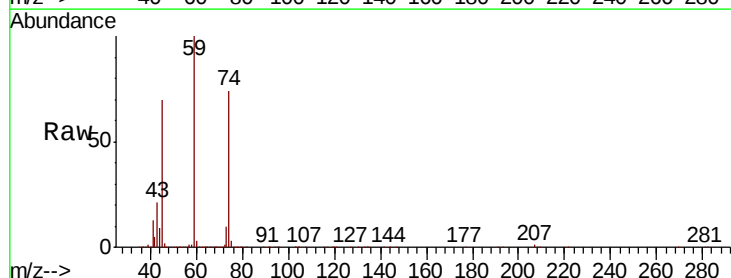
Tot Ion:101 Resp: 244287
 Ion Ratio Lower Upper
 101 100
 103 63.8 52.4 78.6

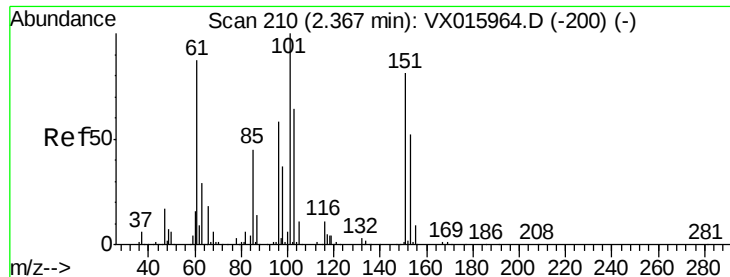


#8

Diethyl Ether
 Concen: 52.010 ug/l
 RT: 2.17 min Scan# 177
 Delta R.T. 0.00 min
 Lab File: VX015983.D
 Acq: 29 Apr 2020 17:33

Tgt Ion: 74 Resp: 101962
 Ion Ratio Lower Upper
 74 100
 45 94.0 47.1 141.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 52.791 ug/l

RT: 2.36 min Scan# 209

Delta R.T. -0.01 min

Lab File: VX015983.D

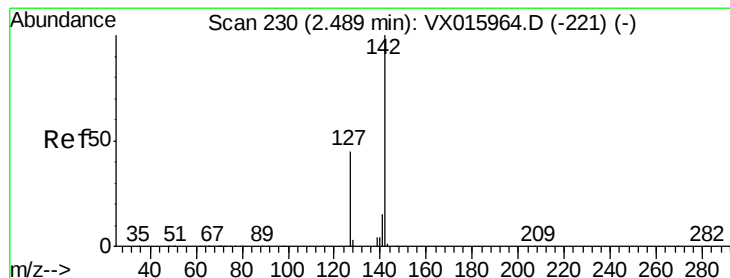
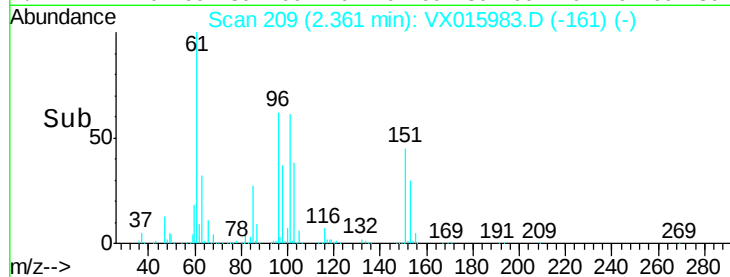
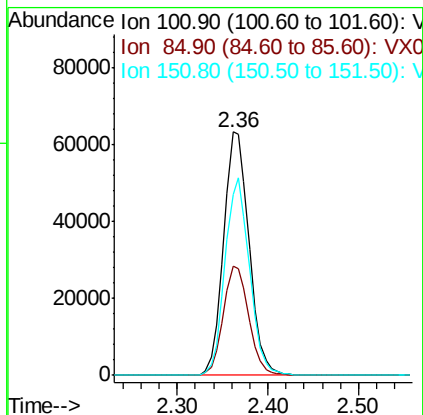
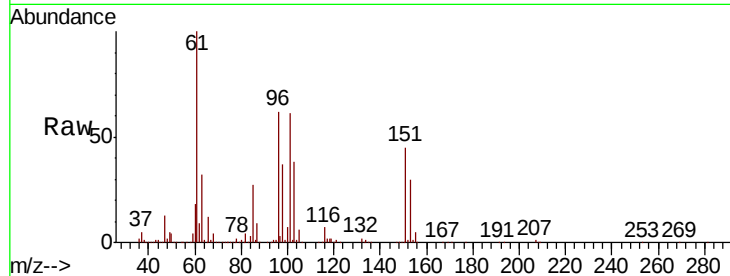
Acq: 29 Apr 2020 17:33

Instrument :

MSVOA_X

ClientSampleId :

Tot Ion:	101	Resp:	123568
Ion	Ratio	Lower	Upper
101	100		
85	44.8	36.3	54.5
151	77.9	63.1	94.7



#10

Methyl Iodide

Concen: 51.403 ug/l

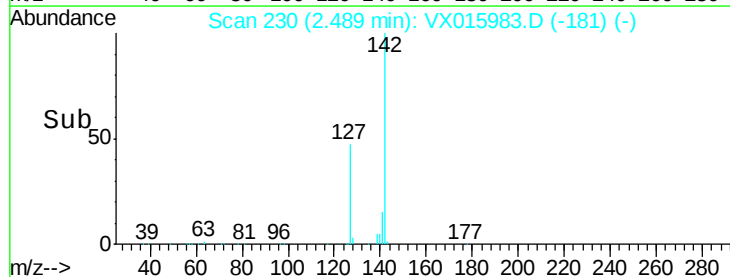
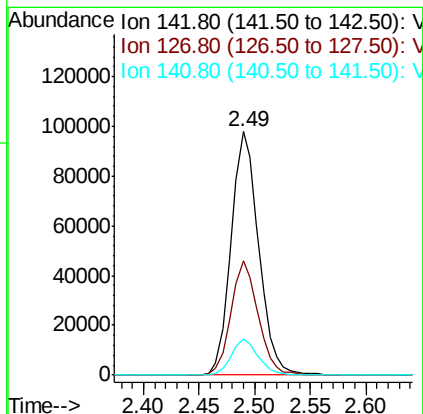
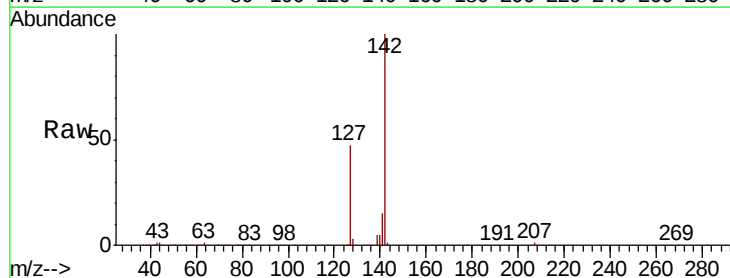
RT: 2.49 min Scan# 230

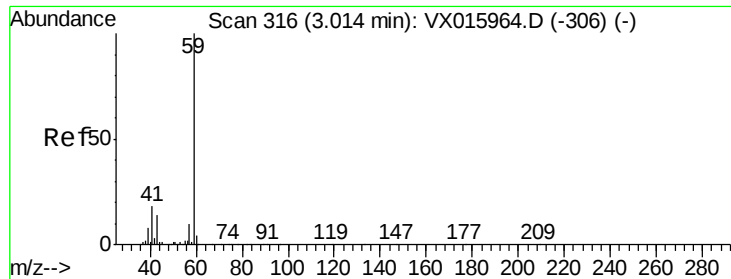
Delta R.T. 0.00 min

Lab File: VX015983.D

Acq: 29 Apr 2020 17:33

Tgt Ion:	142	Resp:	167844
Ion	Ratio	Lower	Upper
142	100		
127	46.2	36.5	54.7
141	14.4	11.6	17.4



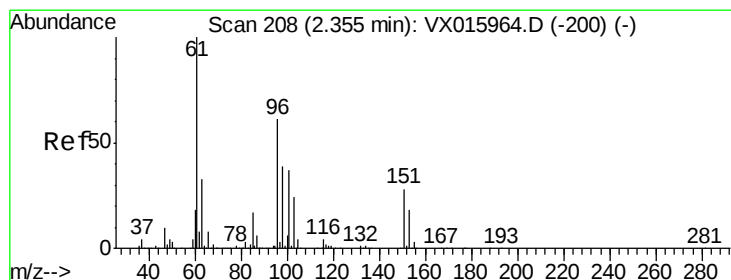
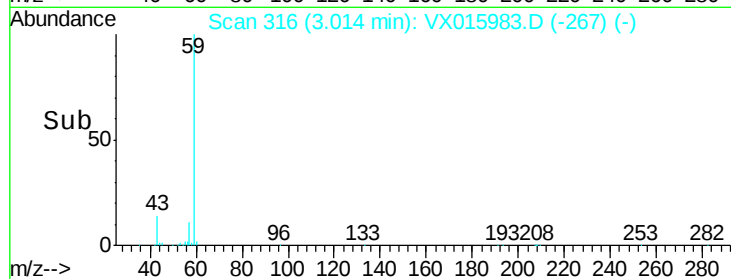
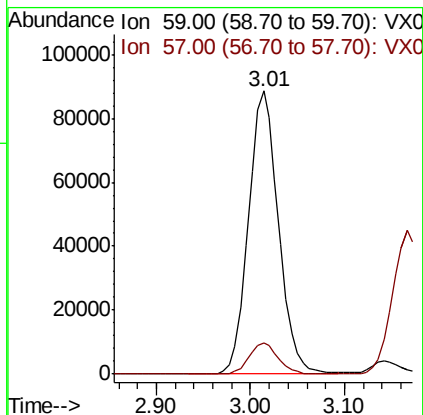
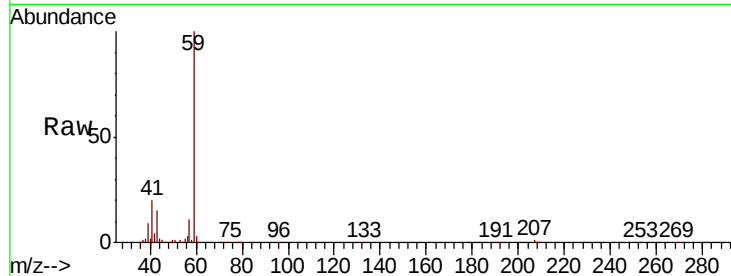


#11

Tert butyl alcohol
Concen: 247.952 ug/l
RT: 3.01 min Scan# 316
Delta R.T. 0.00 min
Lab File: VX015983.D
Acq: 29 Apr 2020 17:33

Instrument :
MSVOA_X
ClientSampleId :

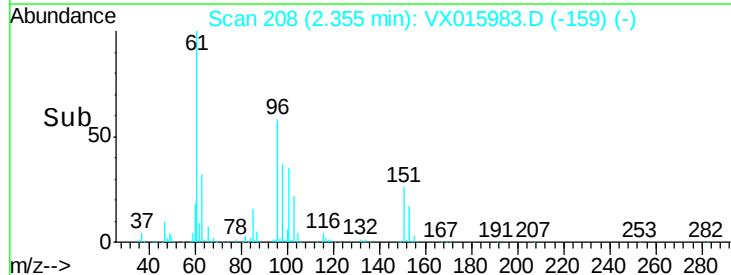
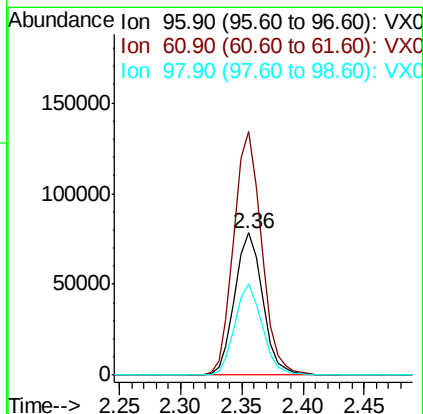
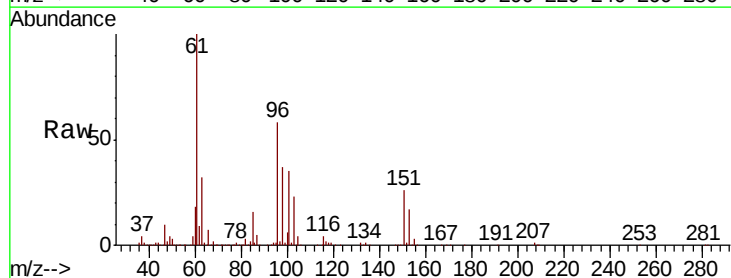
Tot Ion: 59 Resp: 198506
Ion Ratio Lower Upper
59 100
57 10.9 8.3 12.5

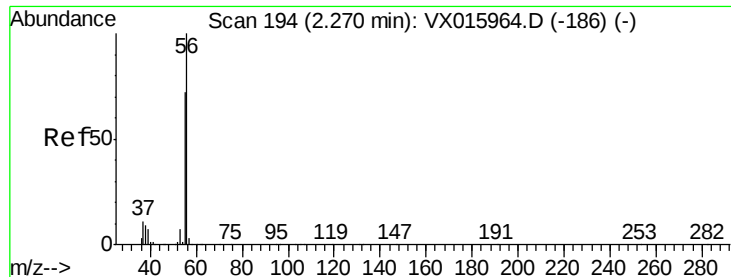


#12

1,1-Dichloroethene
Concen: 51.454 ug/l
RT: 2.36 min Scan# 208
Delta R.T. 0.00 min
Lab File: VX015983.D
Acq: 29 Apr 2020 17:33

Tgt Ion: 96 Resp: 124181
Ion Ratio Lower Upper
96 100
61 171.2 131.0 196.4
98 63.9 50.7 76.1





#13

Acrolein

Concen: 295.948 ug/l

RT: 2.27 min Scan# 194

Delta R.T. 0.00 min

Lab File: VX015983.D

Acq: 29 Apr 2020 17:33

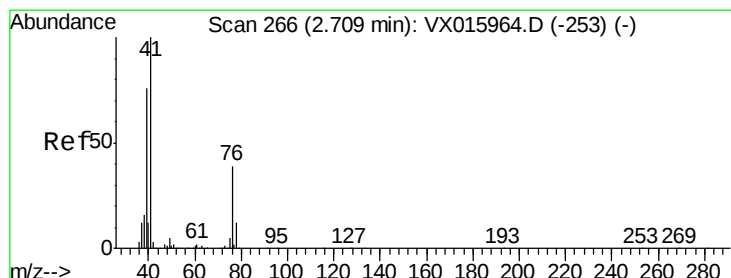
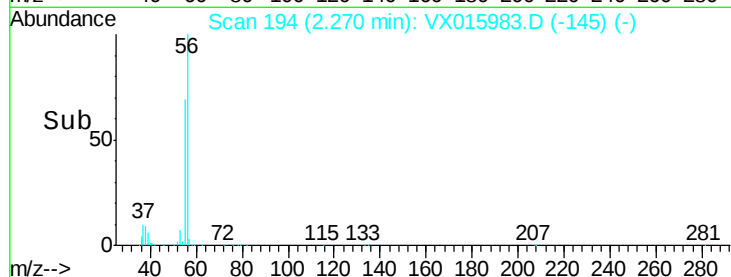
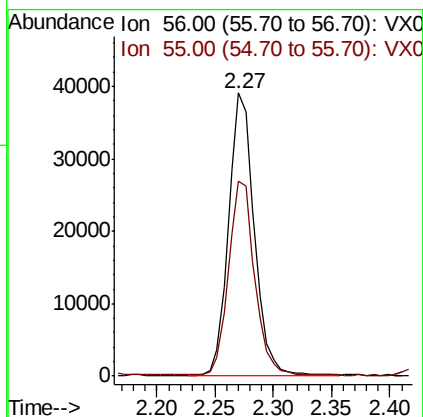
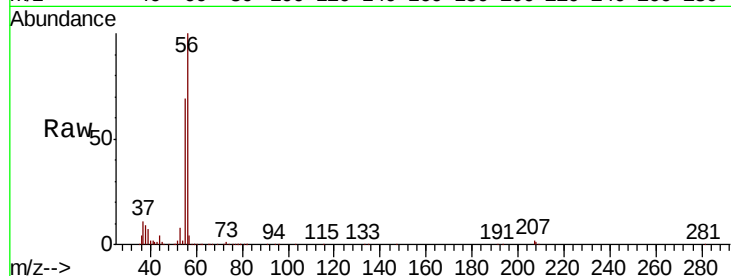
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 56 Resp: 59543

Ion Ratio Lower Upper

56 100

55 70.6 56.9 85.3



#14

Allyl chloride

Concen: 53.409 ug/l

RT: 2.71 min Scan# 266

Delta R.T. 0.00 min

Lab File: VX015983.D

Acq: 29 Apr 2020 17:33

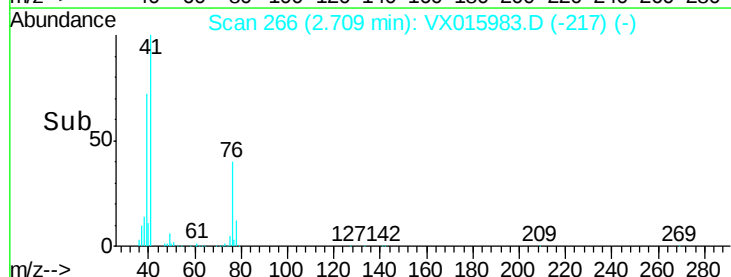
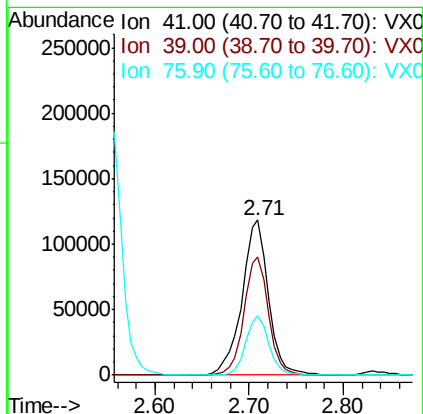
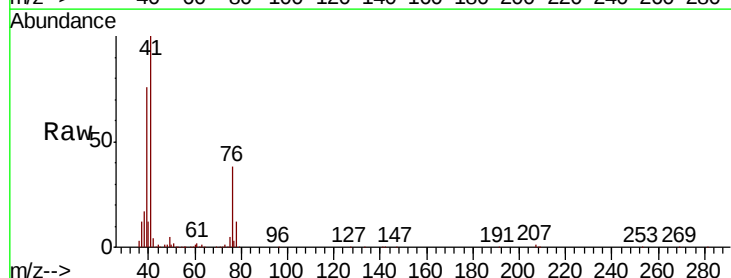
Tgt Ion: 41 Resp: 232431

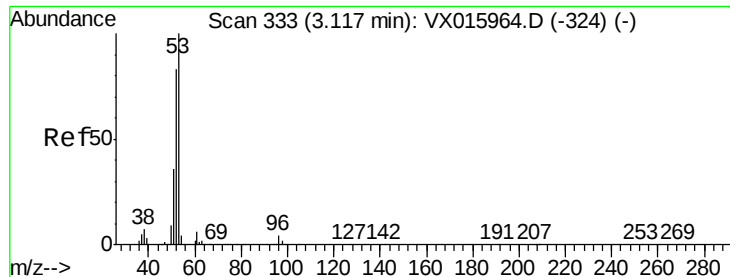
Ion Ratio Lower Upper

41 100

39 70.2 55.4 83.0

76 33.8 27.1 40.7





#15

Acrylonitrile

Concen: 270.116 ug/l

RT: 3.12 min Scan# 333

Delta R.T. 0.00 min

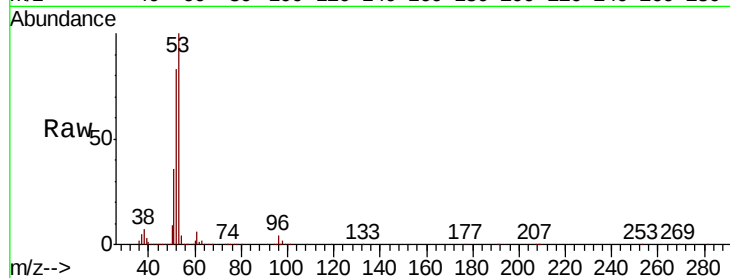
Lab File: VX015983.D

Acq: 29 Apr 2020 17:33

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 53 Resp: 428782

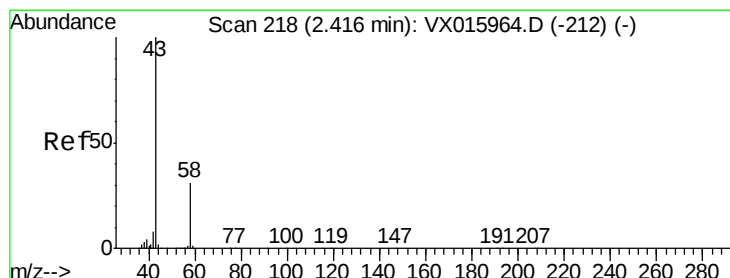
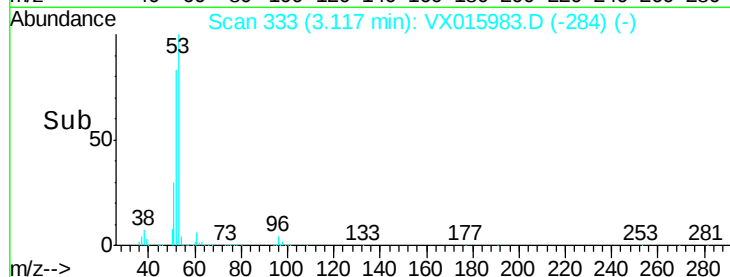
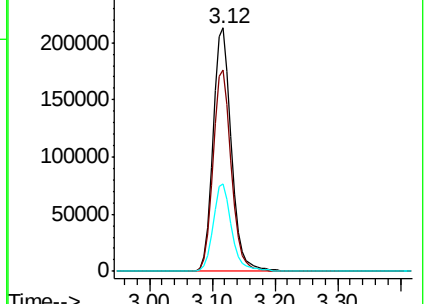
Ion	Ratio	Lower	Upper
53	100		
52	82.5	65.5	98.3
51	36.0	28.7	43.1



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 271.789 ug/l

RT: 2.42 min Scan# 218

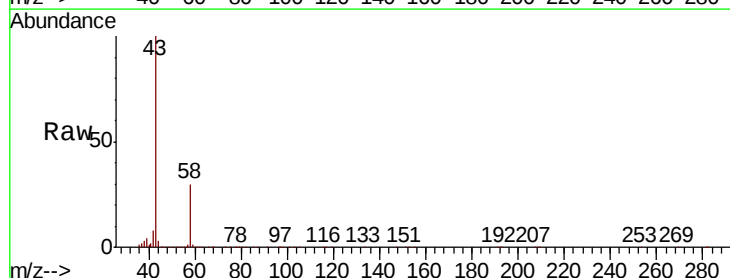
Delta R.T. 0.00 min

Lab File: VX015983.D

Acq: 29 Apr 2020 17:33

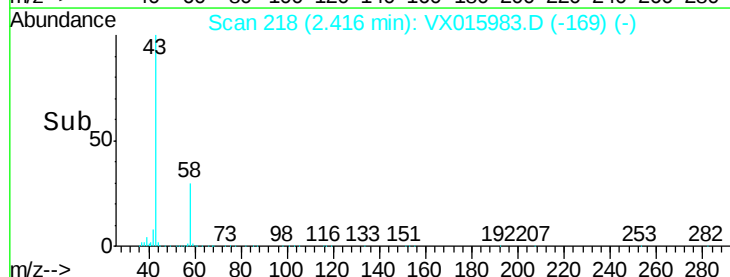
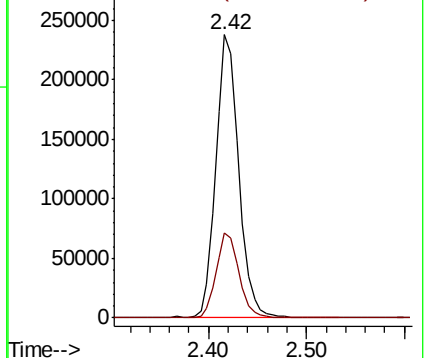
Tgt Ion: 43 Resp: 383309

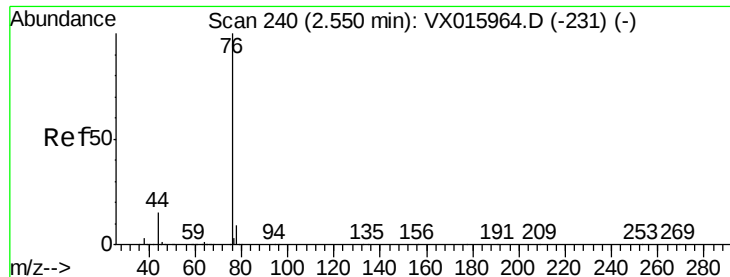
Ion	Ratio	Lower	Upper
43	100		
58	29.8	25.1	37.7



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 51.296 ug/l

RT: 2.55 min Scan# 240

Delta R.T. 0.00 min

Lab File: VX015983.D

Acq: 29 Apr 2020 17:33

Instrument :

MSVOA_X

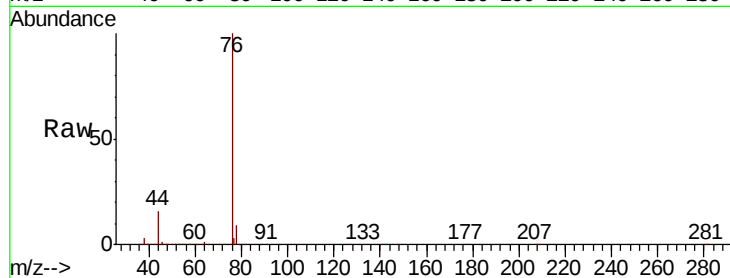
ClientSampleId :

Tot Ion: 76 Resp: 361126

Ion Ratio Lower Upper

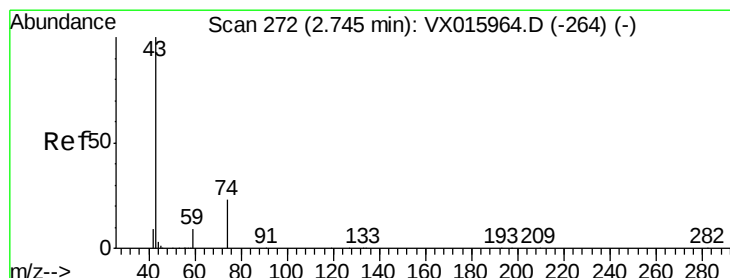
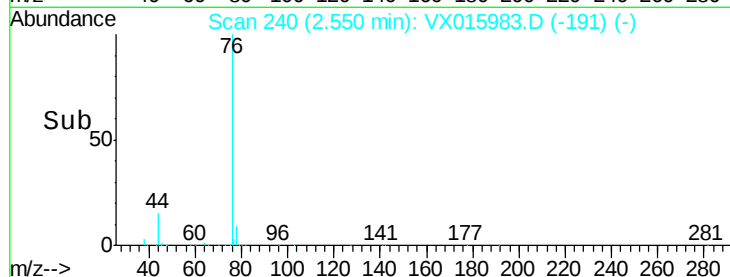
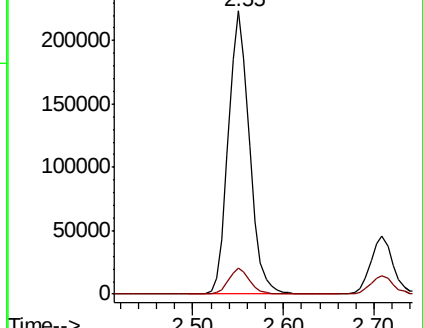
76 100

78 9.0 7.4 11.0



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 51.182 ug/l

RT: 2.75 min Scan# 272

Delta R.T. 0.00 min

Lab File: VX015983.D

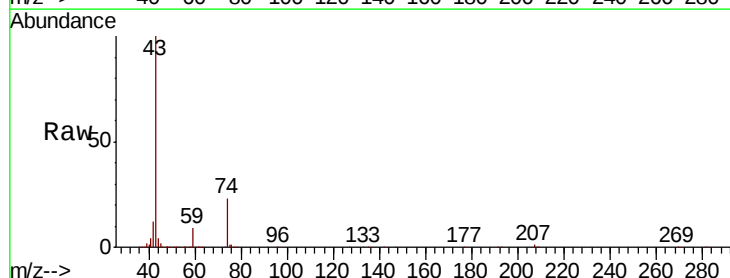
Acq: 29 Apr 2020 17:33

Tgt Ion: 43 Resp: 204834

Ion Ratio Lower Upper

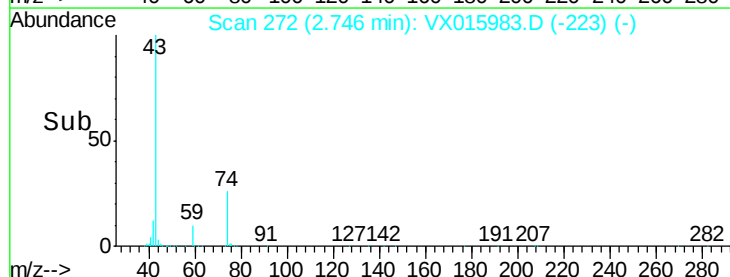
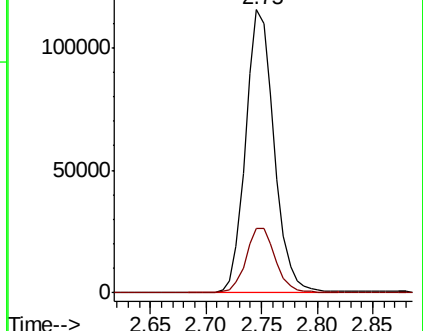
43 100

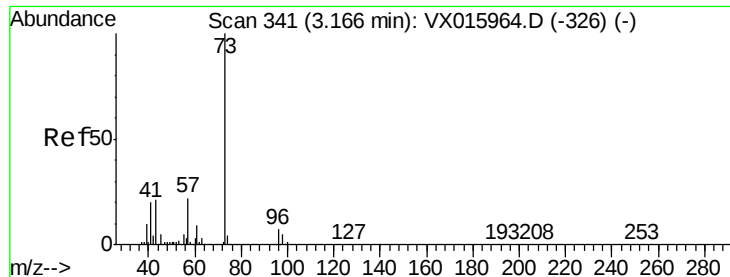
74 24.1 19.6 29.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0



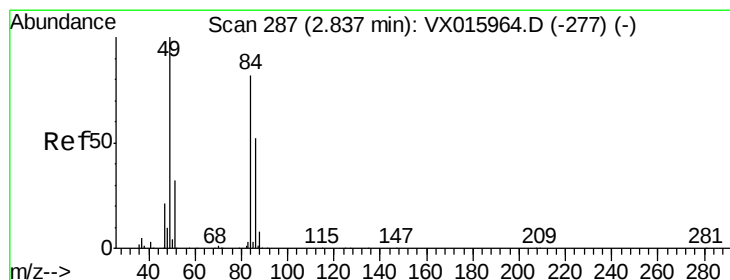
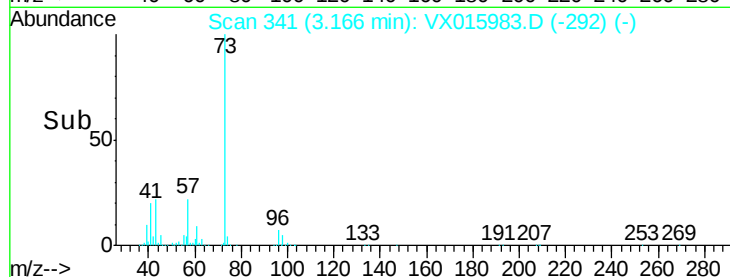
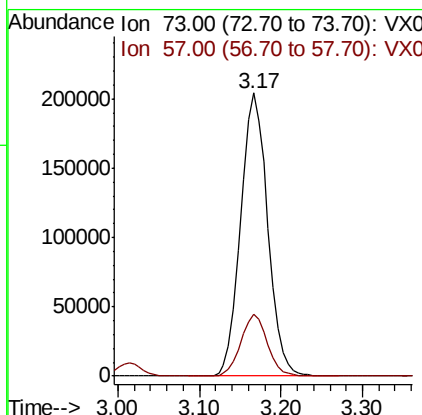
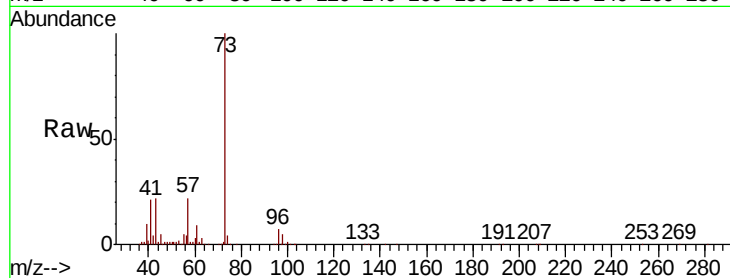


#19

Methyl tert-butyl Ether
 Concen: 53.644 ug/l
 RT: 3.17 min Scan# 341
 Delta R.T. 0.00 min
 Lab File: VX015983.D
 Acq: 29 Apr 2020 17:33

Instrument :
 MSVOA_X
 ClientSampleId :

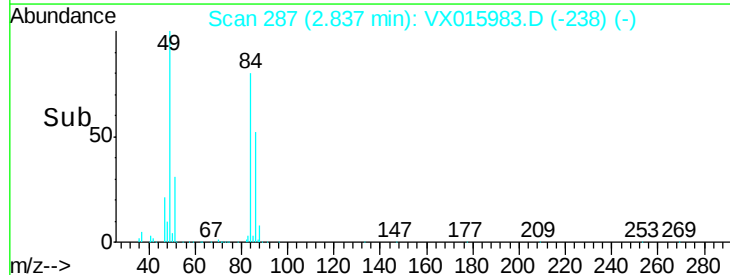
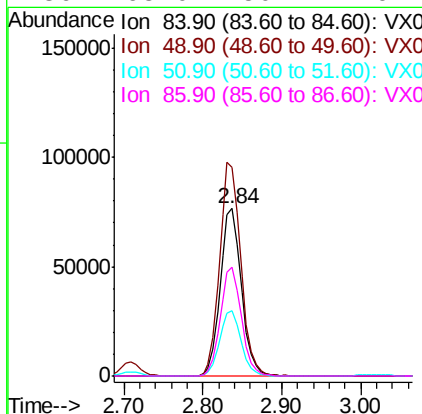
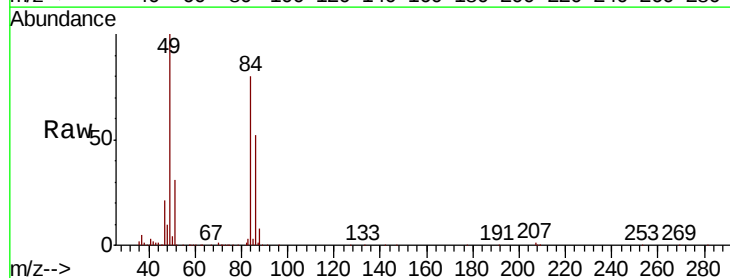
Tot Ion: 73 Resp: 468263
 Ion Ratio Lower Upper
 73 100
 57 22.0 17.5 26.3

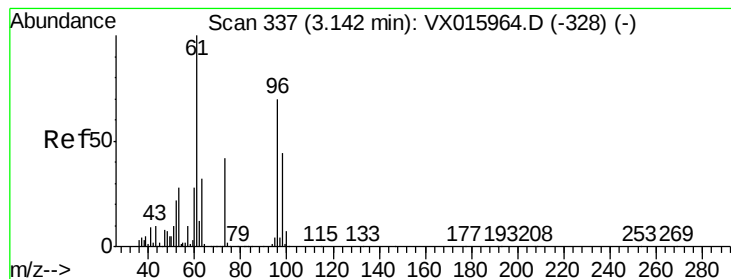


#20

Methylene Chloride
 Concen: 51.203 ug/l
 RT: 2.84 min Scan# 287
 Delta R.T. 0.00 min
 Lab File: VX015983.D
 Acq: 29 Apr 2020 17:33

Tgt Ion: 84 Resp: 142951
 Ion Ratio Lower Upper
 84 100
 49 124.9 97.9 146.9
 51 38.7 31.2 46.8
 86 65.0 50.7 76.1





#21

trans-1,2-Dichloroethene

Concen: 50.460 ug/l

RT: 3.14 min Scan# 337

Delta R.T. 0.00 min

Lab File: VX015983.D

Acq: 29 Apr 2020 17:33

Instrument :

MSVOA_X

ClientSampleId :

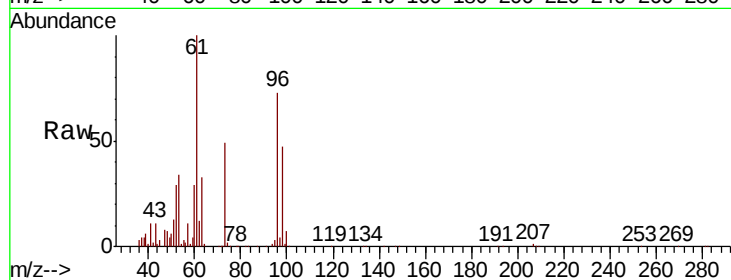
Tot Ion: 96 Resp: 137250

Ion Ratio Lower Upper

96 100

61 137.6 113.6 170.4

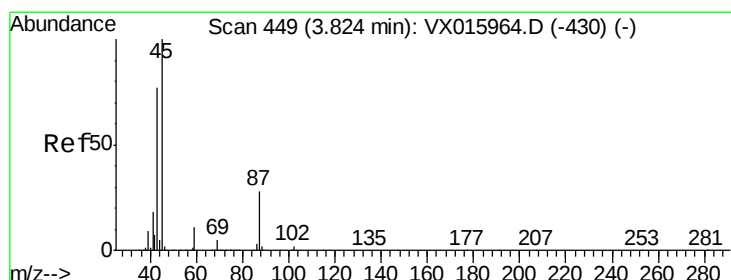
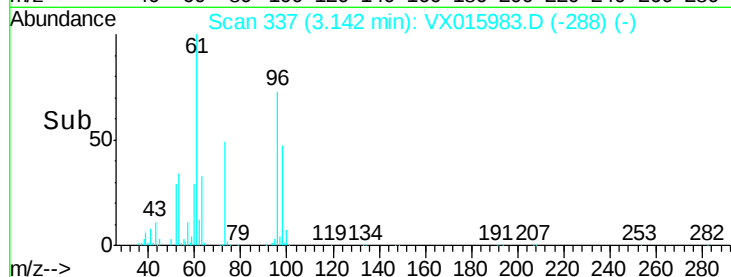
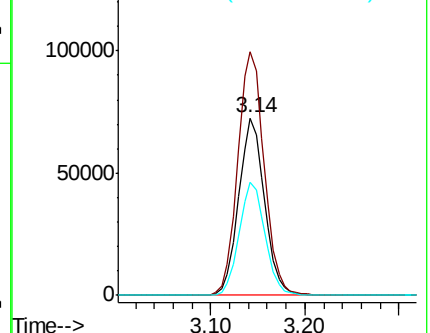
98 64.2 50.3 75.5



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: 53.847 ug/l

RT: 3.82 min Scan# 449

Delta R.T. 0.00 min

Lab File: VX015983.D

Acq: 29 Apr 2020 17:33

Tgt Ion: 45 Resp: 460707

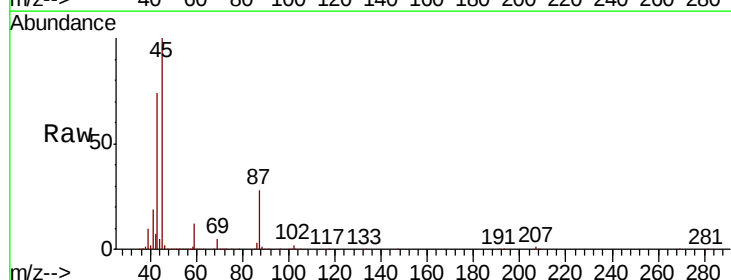
Ion Ratio Lower Upper

45 100

43 73.5 61.3 91.9

87 27.8 22.6 33.8

59 11.6 9.0 13.6

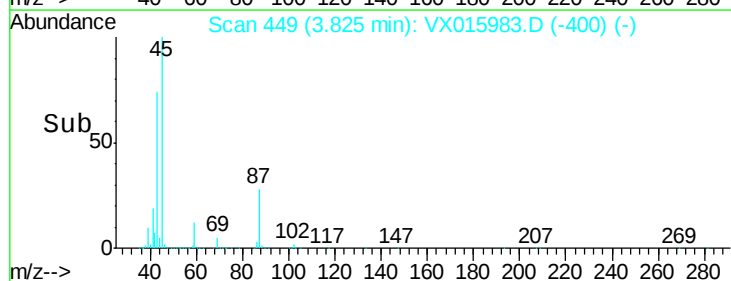
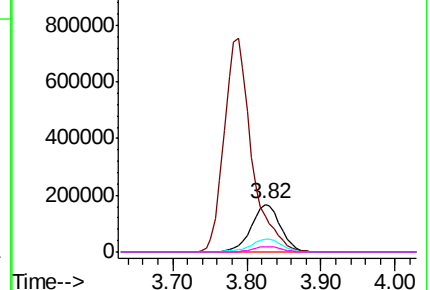


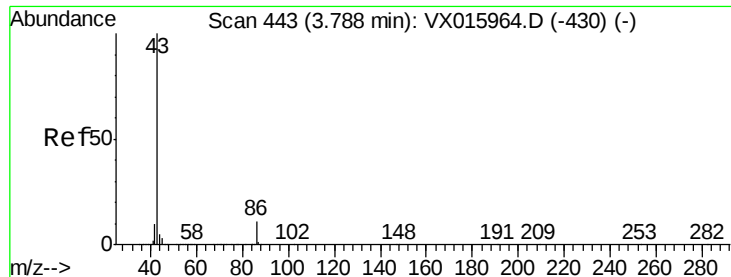
Abundance Ion 45.00 (44.70 to 45.70): VX0

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: 261.254 ug/l

RT: 3.79 min Scan# 443

Delta R.T. 0.00 min

Lab File: VX015983.D

Acq: 29 Apr 2020 17:33

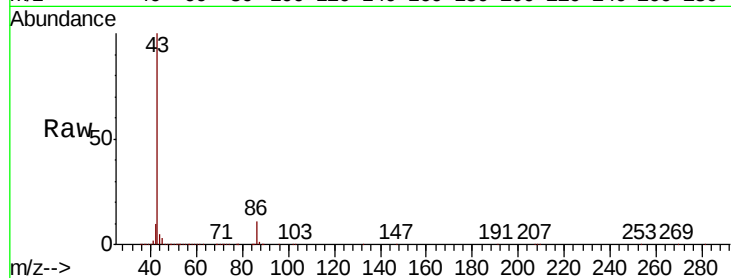
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 43 Resp: 1941704

Ion Ratio Lower Upper

43 100

86 11.1 8.9 13.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

3.79

800000

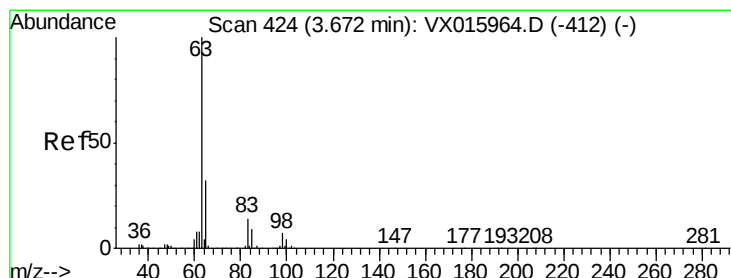
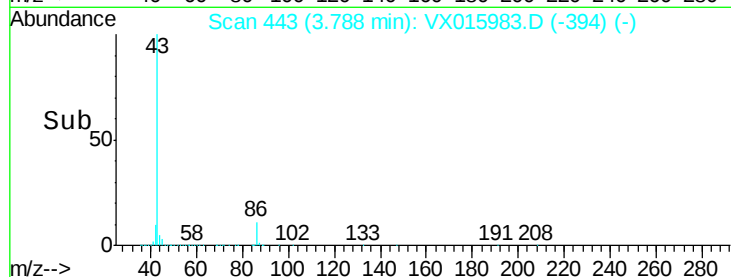
600000

400000

200000

0

Time--> 3.60 3.70 3.80 3.90 4.00



#24

1,1-Dichloroethane

Concen: 54.000 ug/l

RT: 3.67 min Scan# 424

Delta R.T. 0.00 min

Lab File: VX015983.D

Acq: 29 Apr 2020 17:33

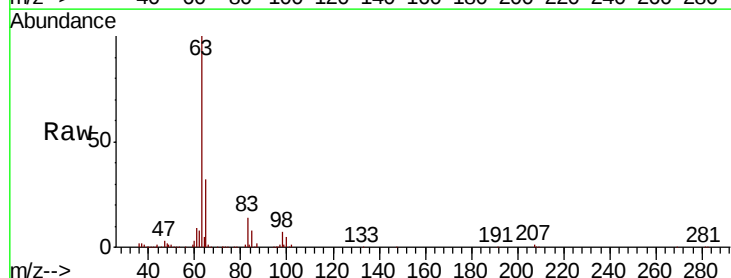
Tgt Ion: 63 Resp: 257373

Ion Ratio Lower Upper

63 100

98 7.4 3.6 10.8

100 5.0 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

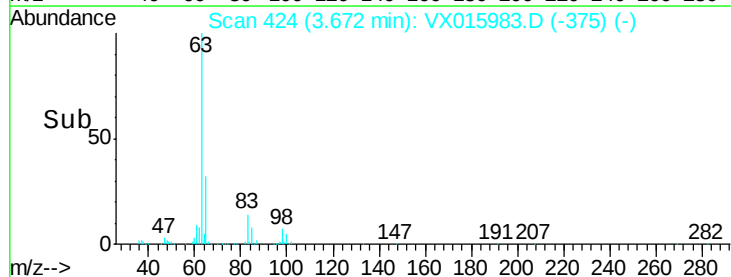
3.67

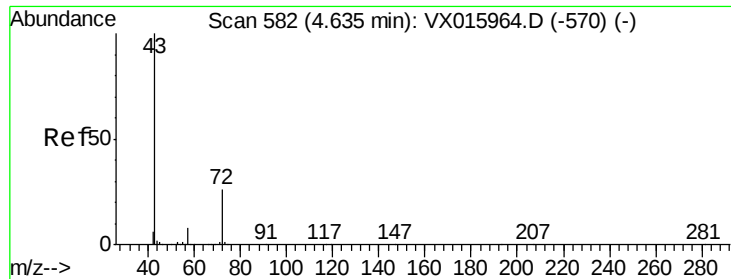
100000

50000

0

Time--> 3.60 3.70 3.80





#25

2-Butanone

Concen: 269.532 ug/l

RT: 4.64 min Scan# 582

Delta R.T. 0.00 min

Lab File: VX015983.D

Acq: 29 Apr 2020 17:33

Instrument :

MSVOA_X

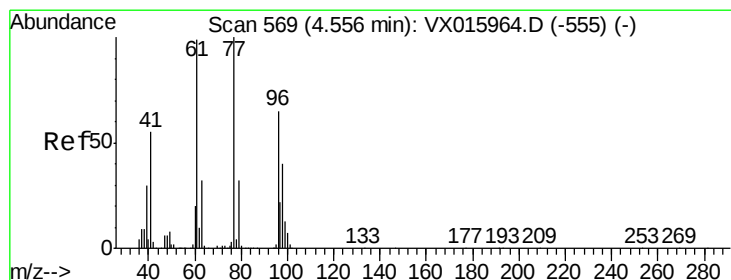
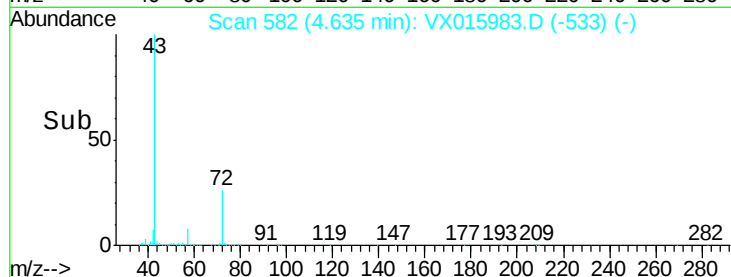
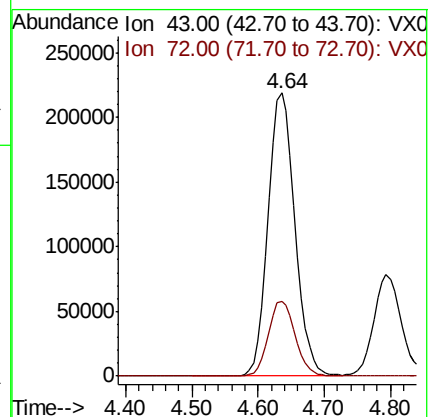
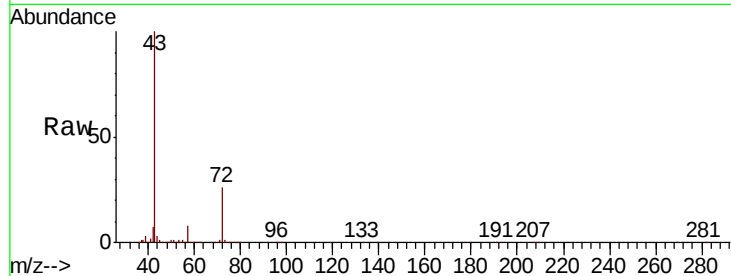
ClientSampleId :

Tot Ion: 43 Resp: 615988

Ion Ratio Lower Upper

43 100

72 26.4 21.0 31.4



#26

2,2-Dichloropropane

Concen: 49.516 ug/l

RT: 4.56 min Scan# 569

Delta R.T. 0.00 min

Lab File: VX015983.D

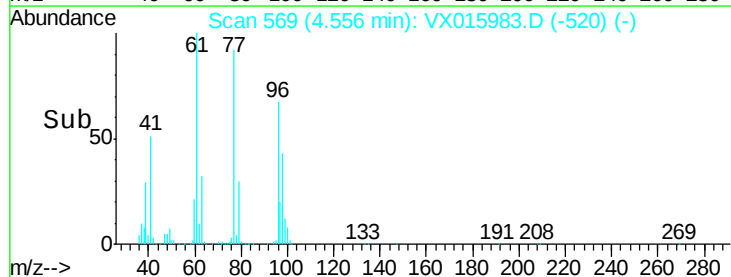
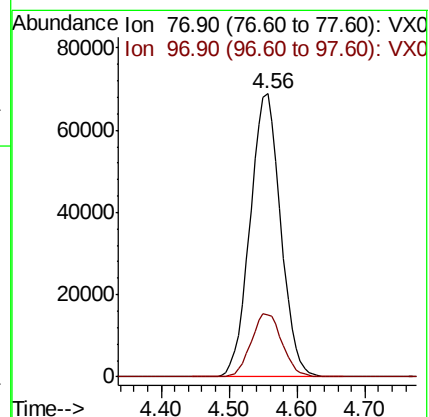
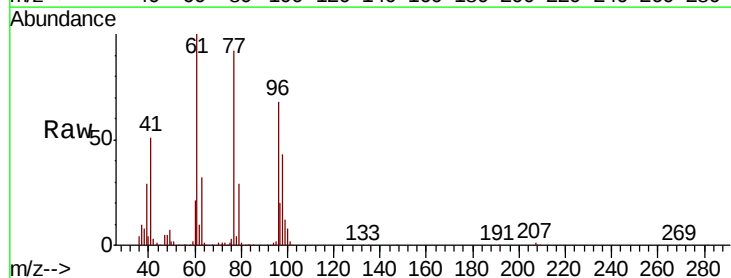
Acq: 29 Apr 2020 17:33

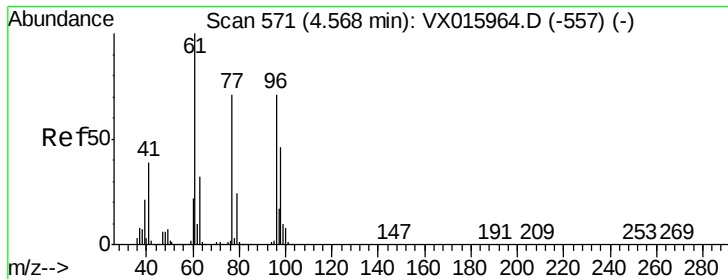
Tgt Ion: 77 Resp: 215782

Ion Ratio Lower Upper

77 100

97 22.6 11.1 33.3



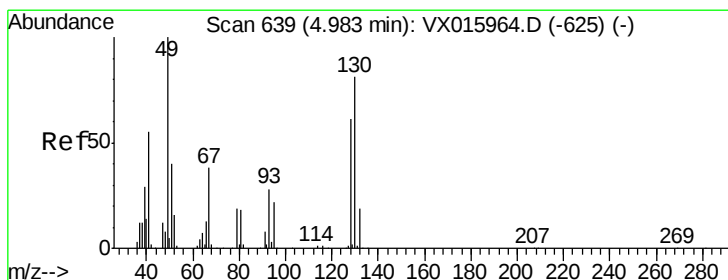
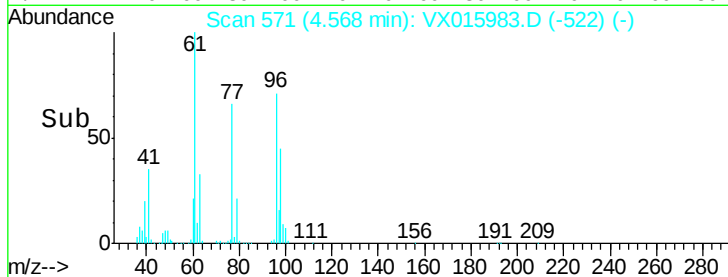
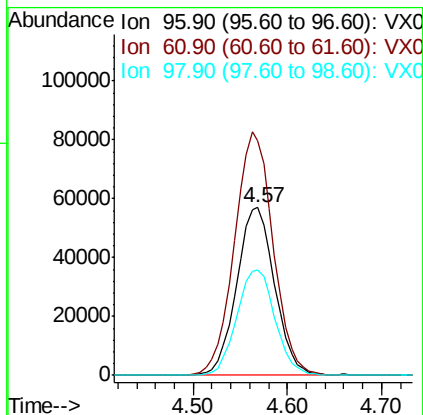
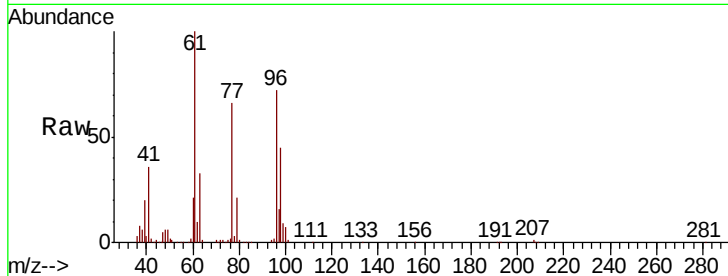


#27

cis-1,2-Dichloroethene
Concen: 51.722 ug/l
RT: 4.57 min Scan# 571
Delta R.T. 0.00 min
Lab File: VX015983.D
Acq: 29 Apr 2020 17:33

Instrument :
MSVOA_X
ClientSampleId :

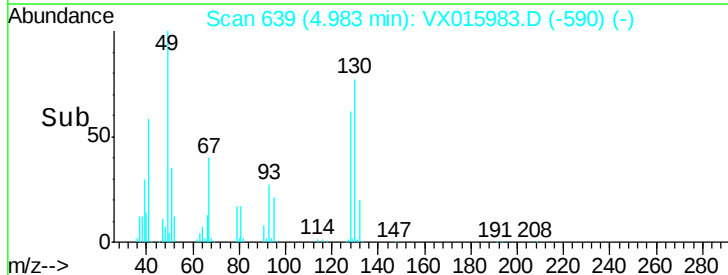
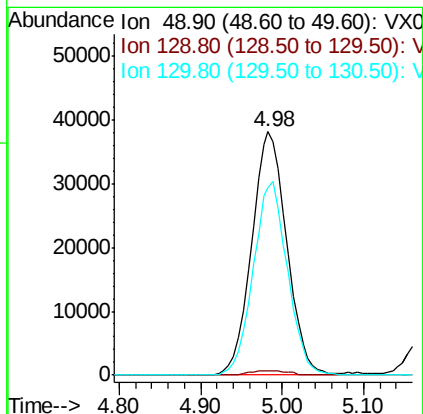
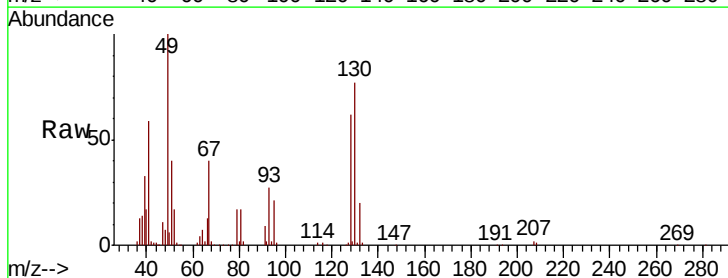
Tot Ion	96	Resp	159646
Ion	Ratio	Lower	Upper
96	100		
61	148.5	0.0	294.2
98	64.2	0.0	127.4

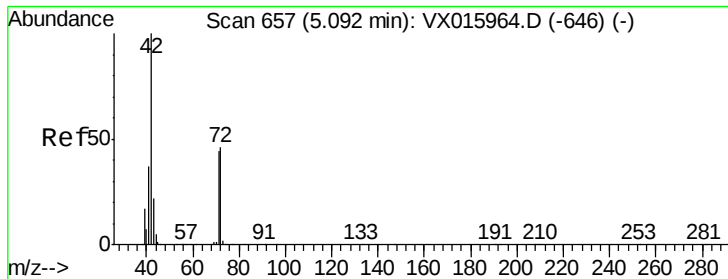


#28

Bromochloromethane
Concen: 49.462 ug/l
RT: 4.98 min Scan# 639
Delta R.T. 0.00 min
Lab File: VX015983.D
Acq: 29 Apr 2020 17:33

Tgt Ion	49	Resp	114079
Ion	Ratio	Lower	Upper
49	100		
129	2.1	0.0	4.6
130	77.7	63.9	95.9





#29

Tetrahydrofuran

Concen: 265.311 ug/l

RT: 5.09 min Scan# 657

Delta R.T. 0.00 min

Lab File: VX015983.D

Acq: 29 Apr 2020 17:33

Instrument :
MSVOA_X
ClientSampleId :

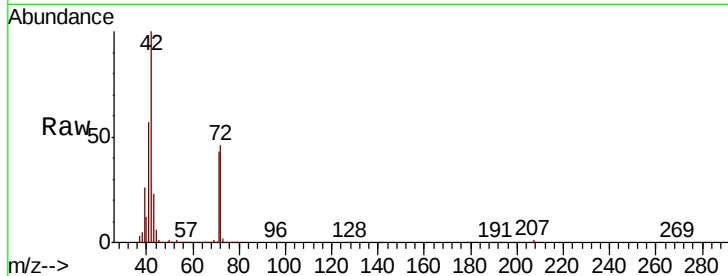
Tot Ion: 42 Resp: 397369

Ion Ratio Lower Upper

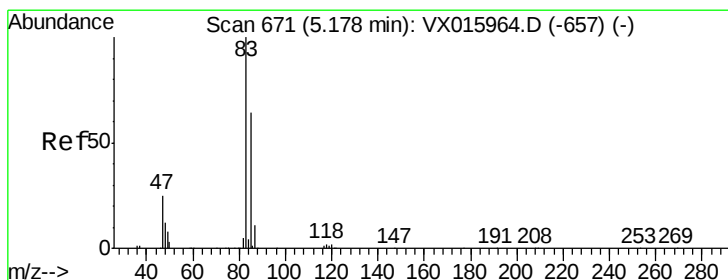
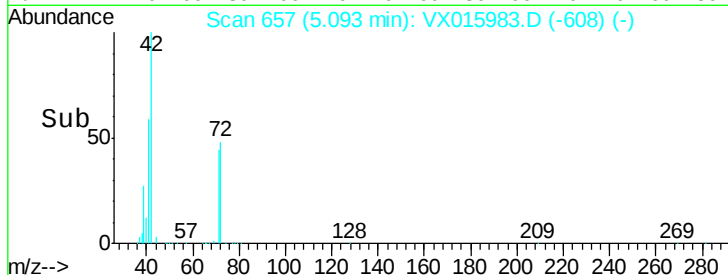
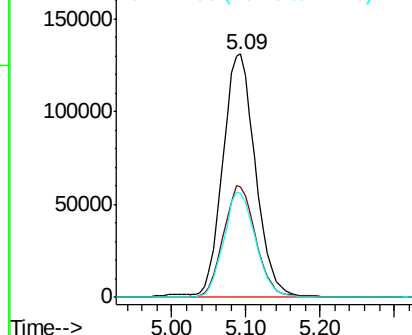
42 100

72 46.1 37.4 56.0

71 42.9 34.6 52.0



Abundance Ion 42.00 (41.70 to 42.70): VX0
Ion 72.00 (71.70 to 72.70): VX0
Ion 71.00 (70.70 to 71.70): VX0



#30

Chloroform

Concen: 53.144 ug/l

RT: 5.18 min Scan# 671

Delta R.T. 0.00 min

Lab File: VX015983.D

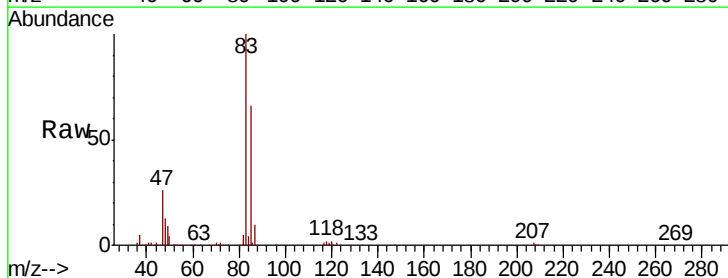
Acq: 29 Apr 2020 17:33

Tgt Ion: 83 Resp: 263387

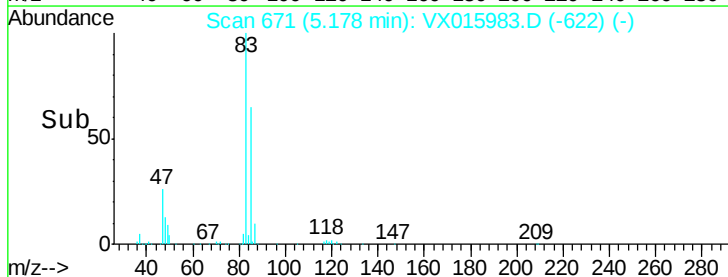
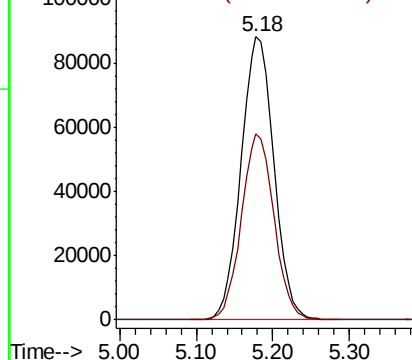
Ion Ratio Lower Upper

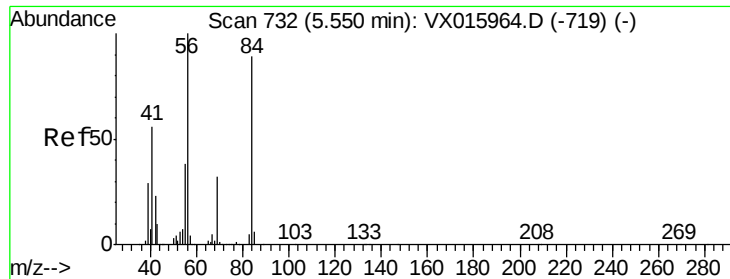
83 100

85 65.8 51.0 76.4



Abundance Ion 82.90 (82.60 to 83.60): VX0
Ion 84.90 (84.60 to 85.60): VX0

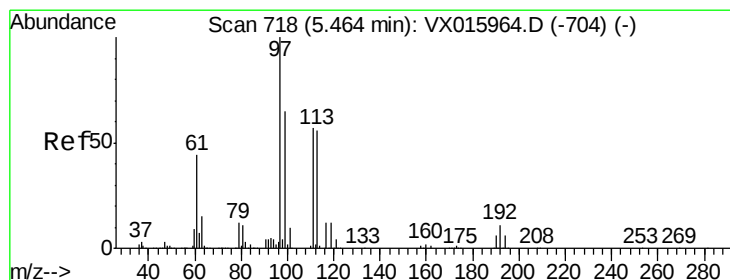
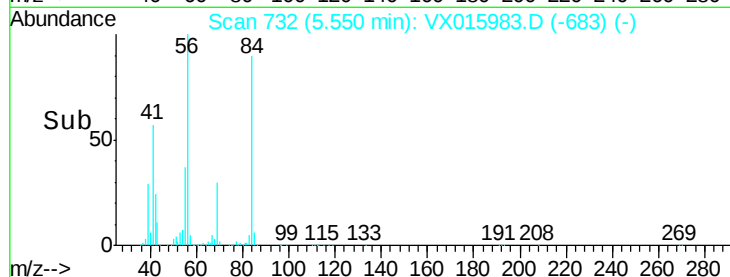
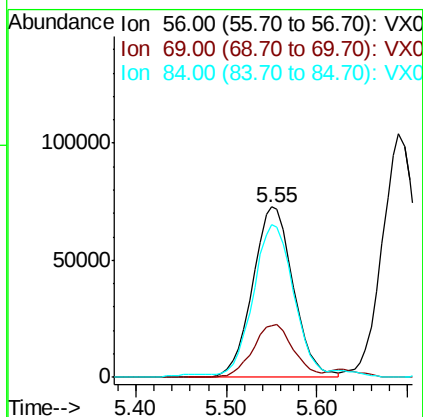
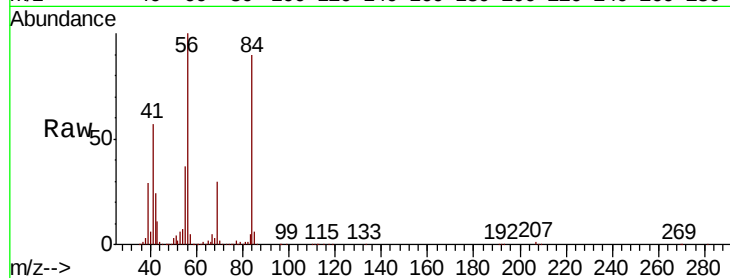




#31
Cyclohexane
Concen: 53.227 ug/l
RT: 5.55 min Scan# 732
Delta R.T. 0.00 min
Lab File: VX015983.D
Acq: 29 Apr 2020 17:33

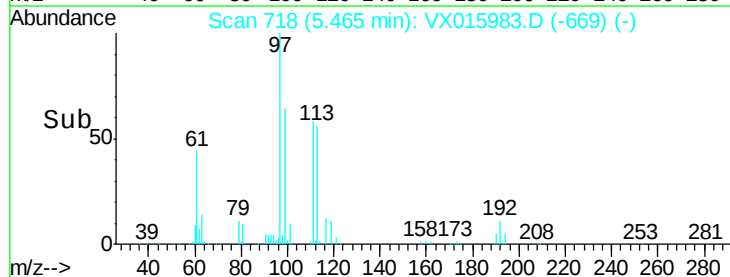
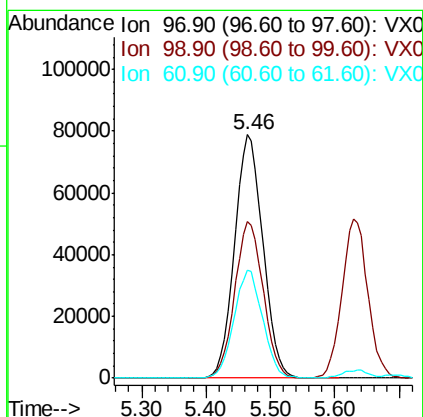
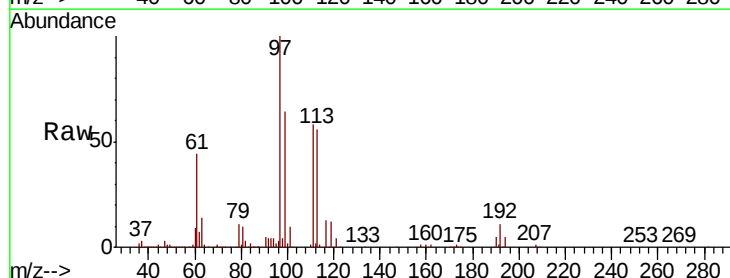
Instrument :
MSVOA_X
ClientSampled :

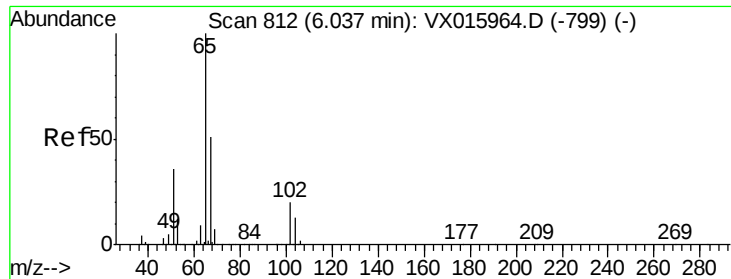
Tot Ion: 56 Resp: 225847
Ion Ratio Lower Upper
56 100
69 30.1 25.4 38.2
84 88.0 71.0 106.6



#32
1,1,1-Trichloroethane
Concen: 52.678 ug/l
RT: 5.46 min Scan# 718
Delta R.T. 0.00 min
Lab File: VX015983.D
Acq: 29 Apr 2020 17:33

Tgt Ion: 97 Resp: 240381
Ion Ratio Lower Upper
97 100
99 64.4 51.4 77.0
61 44.7 35.7 53.5





#33

1,2-Dichloroethane-d4

Concen: 50.075 ug/l

RT: 6.03 min Scan# 811

Delta R.T. -0.01 min

Lab File: VX015983.D

Acq: 29 Apr 2020 17:33

Instrument :

MSVOA_X

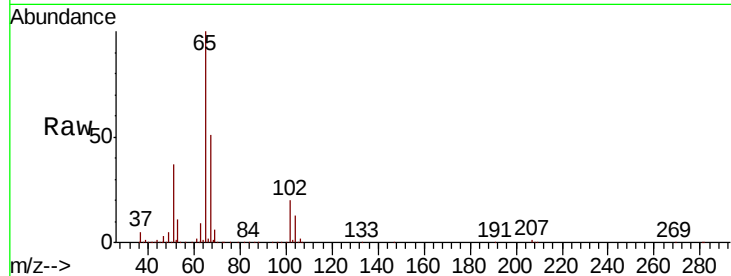
ClientSampleId :

Tot Ion: 65 Resp: 165152

Ion Ratio Lower Upper

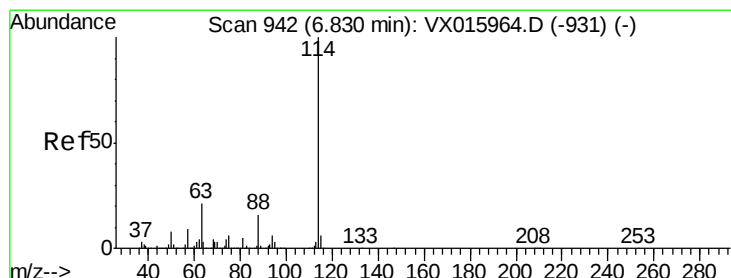
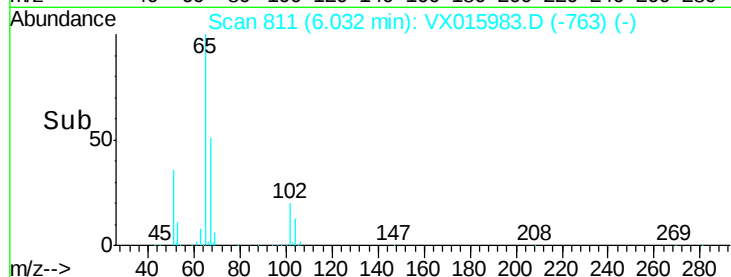
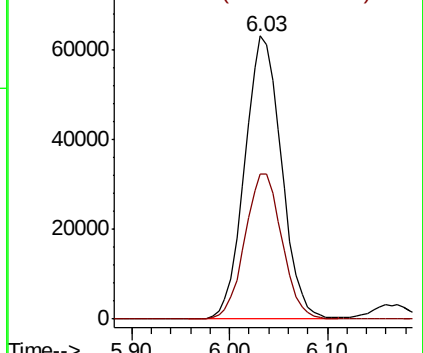
65 100

67 52.0 0.0 102.4



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.84 min Scan# 943

Delta R.T. 0.01 min

Lab File: VX015983.D

Acq: 29 Apr 2020 17:33

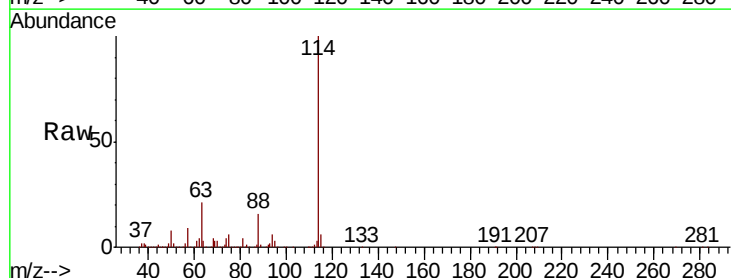
Tgt Ion: 114 Resp: 417552

Ion Ratio Lower Upper

114 100

63 20.7 0.0 41.2

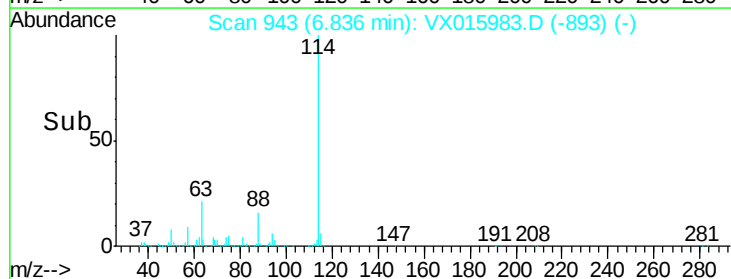
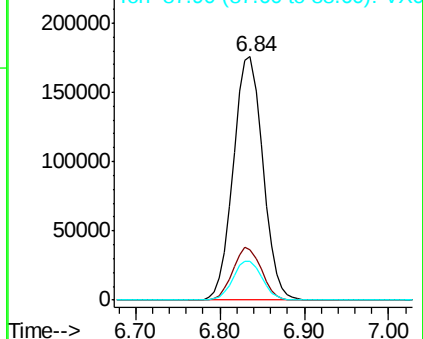
88 15.8 0.0 31.8

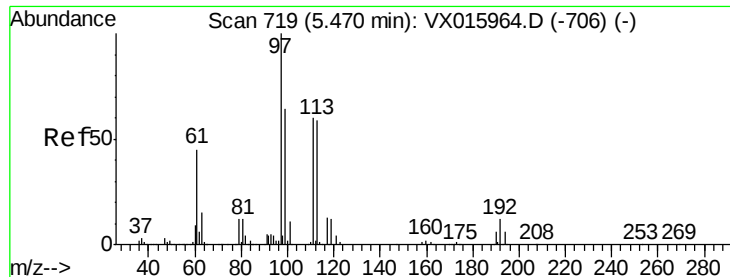


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 47.925 ug/l

RT: 5.46 min Scan# 718

Delta R.T. -0.01 min

Lab File: VX015983.D

Acq: 29 Apr 2020 17:33

Instrument :

MSVOA_X

ClientSampled :

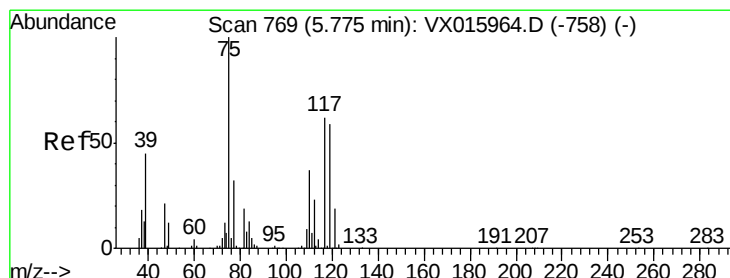
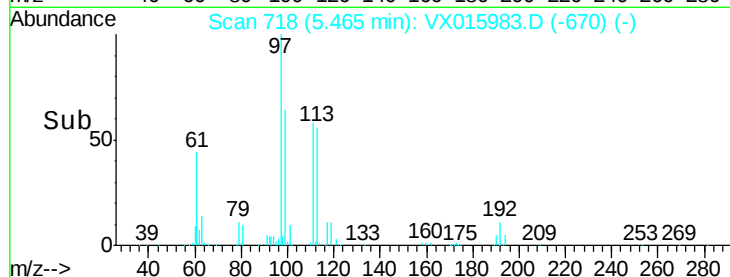
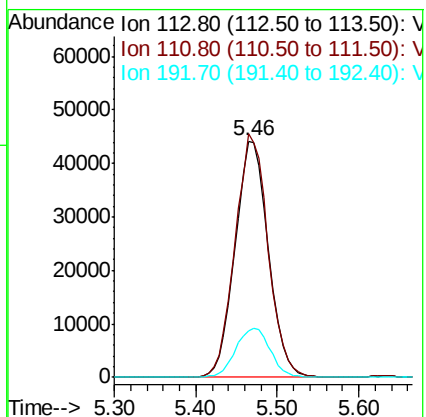
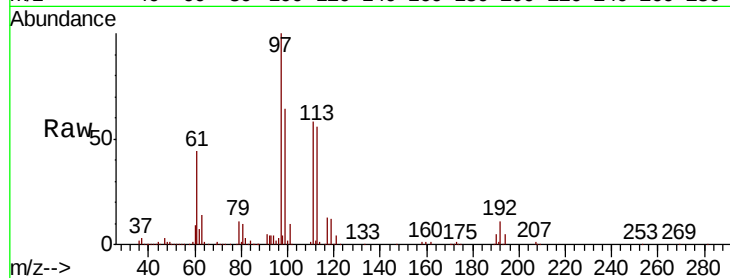
Tot Ion:113 Resp: 124831

Ion Ratio Lower Upper

113 100

111 102.2 81.8 122.8

192 21.5 16.8 25.2



#36

1,1-Dichloropropene

Concen: 49.283 ug/l

RT: 5.78 min Scan# 769

Delta R.T. 0.00 min

Lab File: VX015983.D

Acq: 29 Apr 2020 17:33

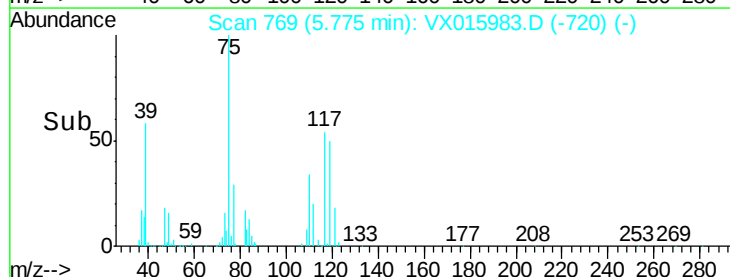
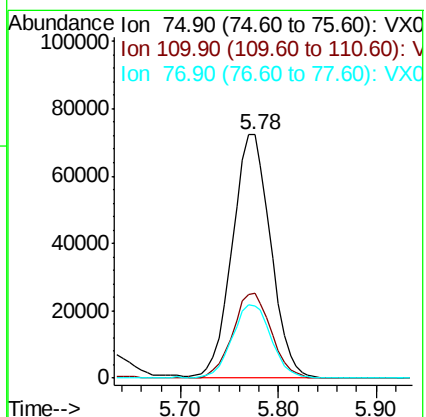
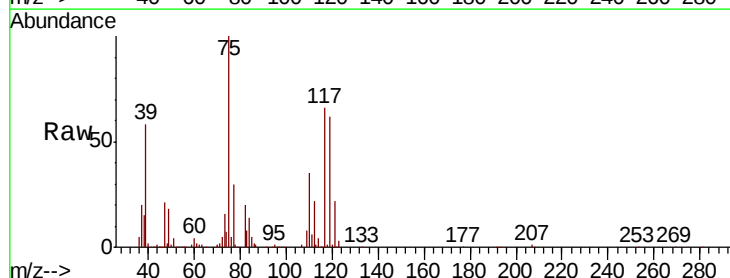
Tgt Ion: 75 Resp: 195994

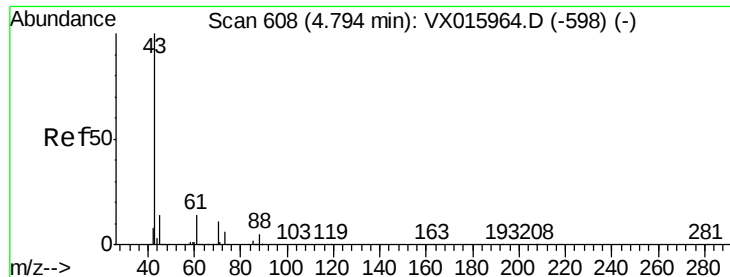
Ion Ratio Lower Upper

75 100

110 35.1 17.9 53.7

77 30.8 25.2 37.8

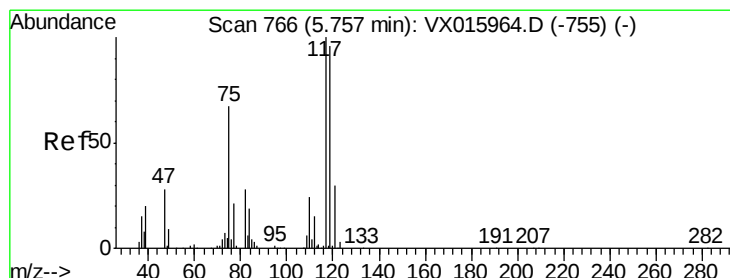
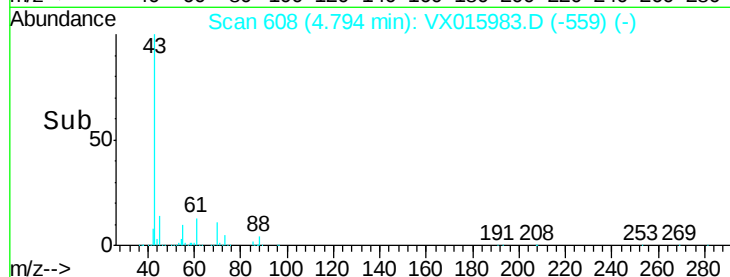
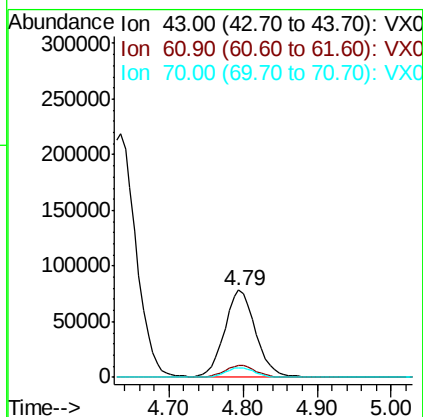
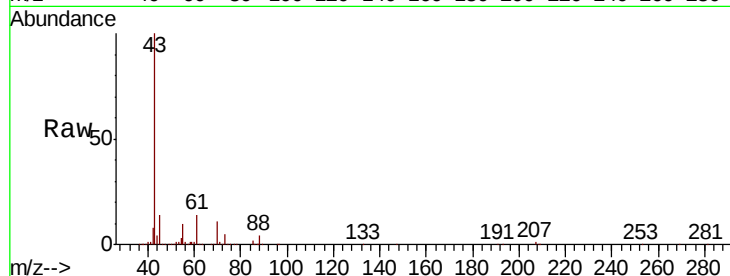




#37
Ethyl Acetate
Concen: 49.765 ug/l
RT: 4.79 min Scan# 608
Delta R.T. 0.00 min
Lab File: VX015983.D
Acq: 29 Apr 2020 17:33

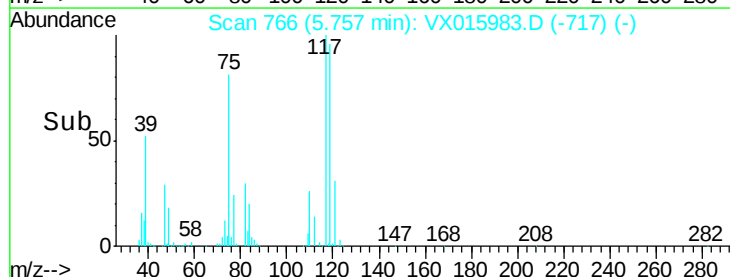
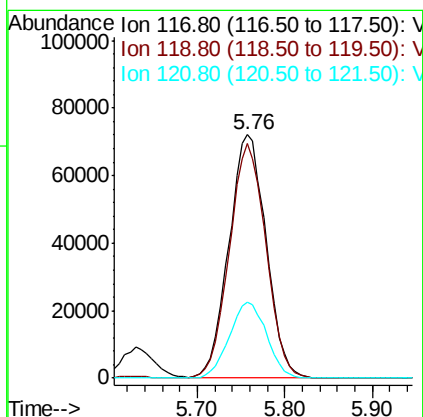
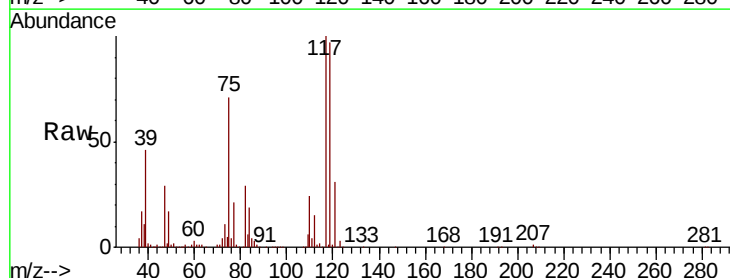
Instrument :
MSVOA_X
ClientSampled :

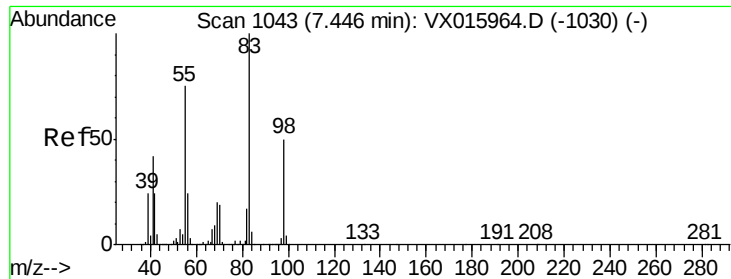
Tot Ion: 43 Resp: 226941
Ion Ratio Lower Upper
43 100
61 13.6 11.6 17.4
70 10.8 8.9 13.3



#38
Carbon Tetrachloride
Concen: 50.658 ug/l
RT: 5.76 min Scan# 766
Delta R.T. 0.00 min
Lab File: VX015983.D
Acq: 29 Apr 2020 17:33

Tgt Ion: 117 Resp: 212793
Ion Ratio Lower Upper
117 100
119 96.5 76.2 114.4
121 31.2 24.2 36.4

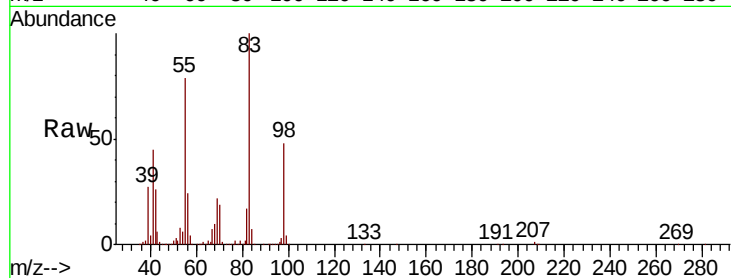




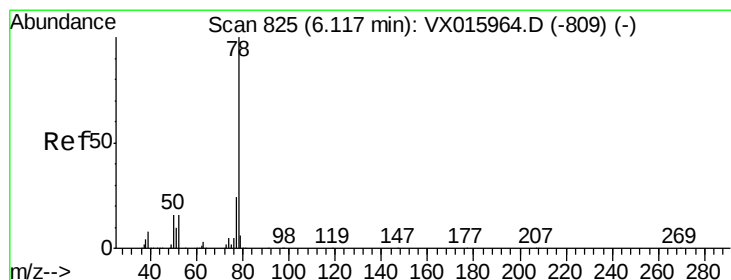
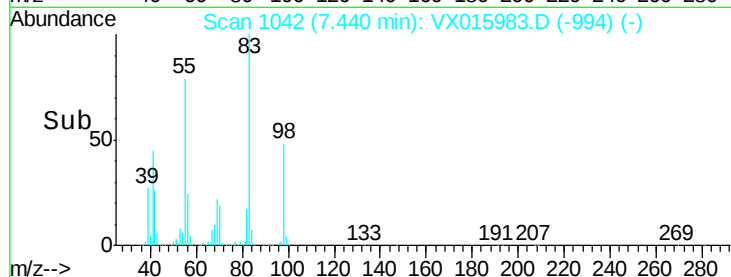
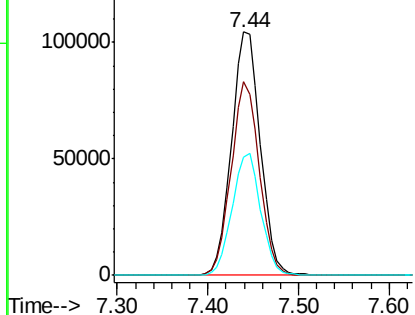
#39
Methvlcvclohexane
Concen: 50.068 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. -0.01 min
Lab File: VX015983.D
Acq: 29 Apr 2020 17:33

Instrument :
MSVOA_X
ClientSampled :

Tot Ion	83	Resp	230322
Ion	Ratio	Lower	Upper
83	100		
55	79.4	59.9	89.9
98	48.5	39.9	59.9

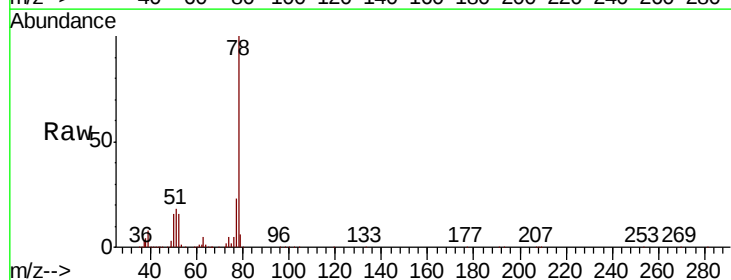


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

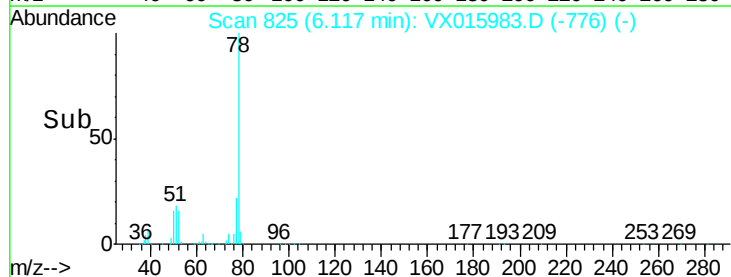
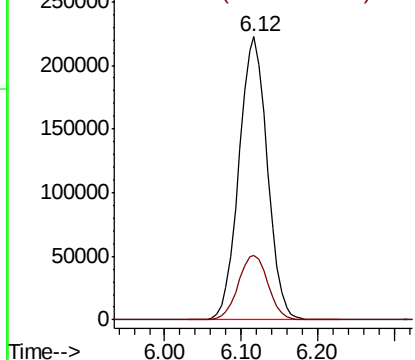


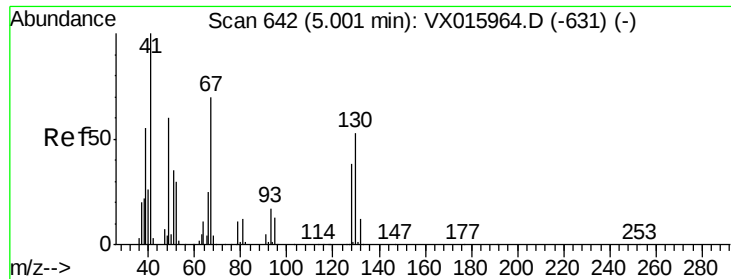
#40
Benzene
Concen: 50.476 ug/l
RT: 6.12 min Scan# 825
Delta R.T. 0.00 min
Lab File: VX015983.D
Acq: 29 Apr 2020 17:33

Tgt Ion	78	Resp	572770
Ion	Ratio	Lower	Upper
78	100		
77	23.0	18.8	28.2



Abundance Ion 78.00 (77.70 to 78.70): VX0
Ion 77.00 (76.70 to 77.70): VX0

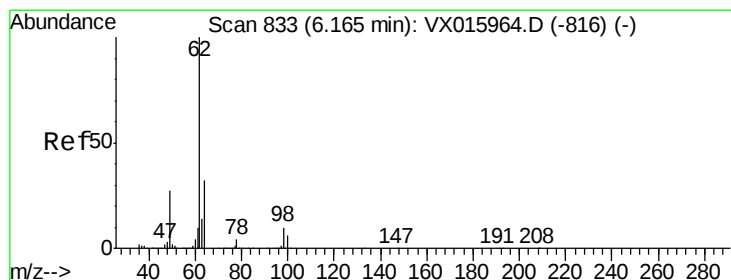
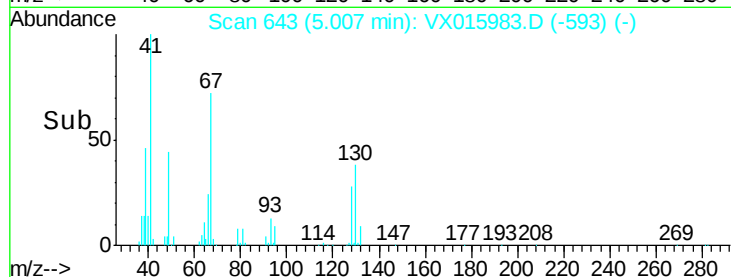
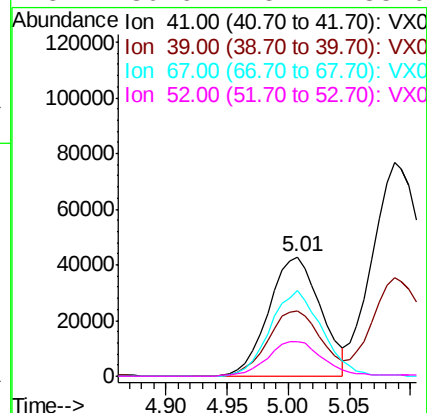
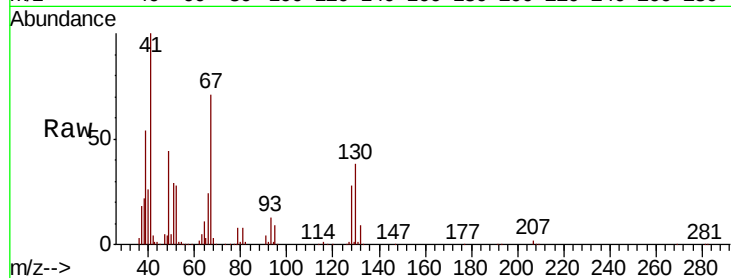




#41
Methacrylonitrile
Concen: 51.888 ug/l
RT: 5.01 min Scan# 643
Delta R.T. 0.01 min
Lab File: VX015983.D
Acq: 29 Apr 2020 17:33

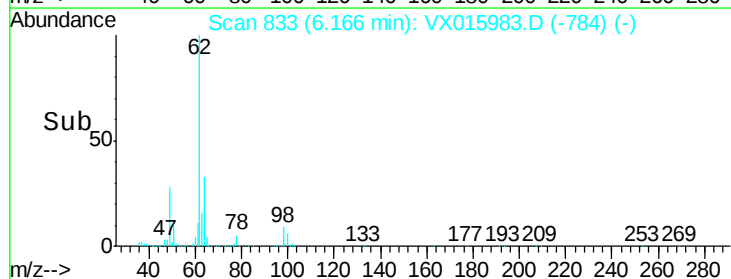
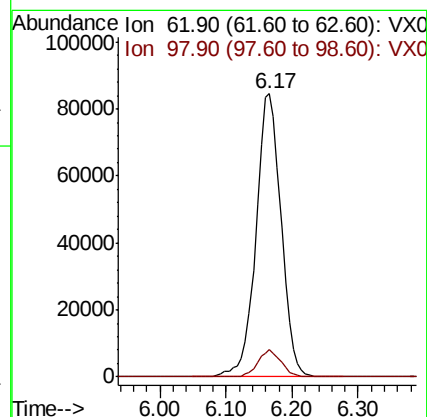
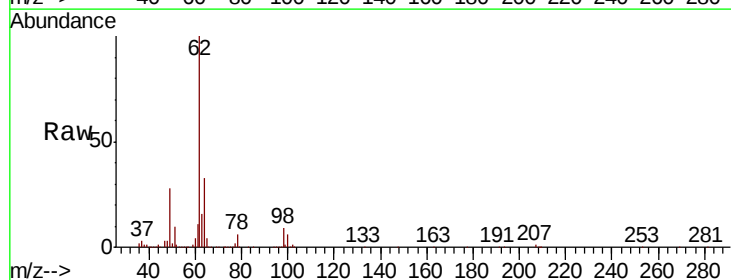
Instrument :
MSVOA_X
ClientSampled :

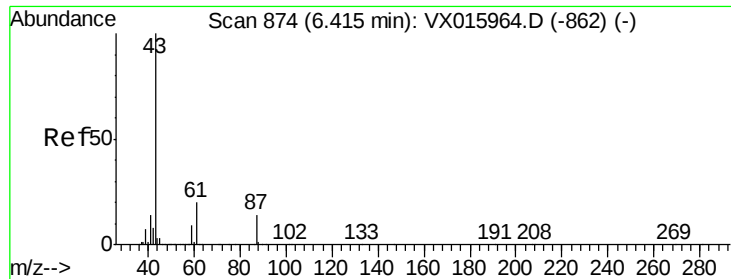
Tot Ion:	41	Resp:	126658
Ion	Ratio	Lower	Upper
41	100		
39	55.8	45.2	67.8
67	72.2	59.4	89.2
52	30.6	25.4	38.0



#42
1,2-Dichloroethane
Concen: 51.012 ug/l
RT: 6.17 min Scan# 833
Delta R.T. 0.00 min
Lab File: VX015983.D
Acq: 29 Apr 2020 17:33

Tgt Ion:	62	Resp:	224286
Ion	Ratio	Lower	Upper
62	100		
98	8.9	0.0	18.4



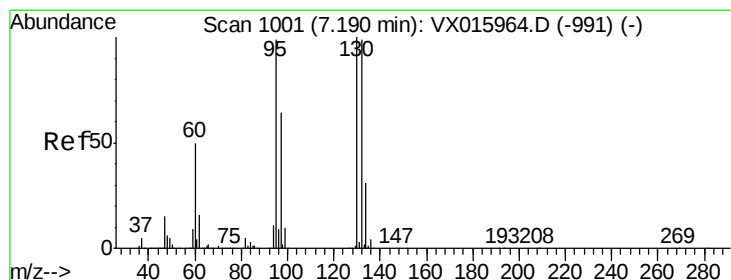
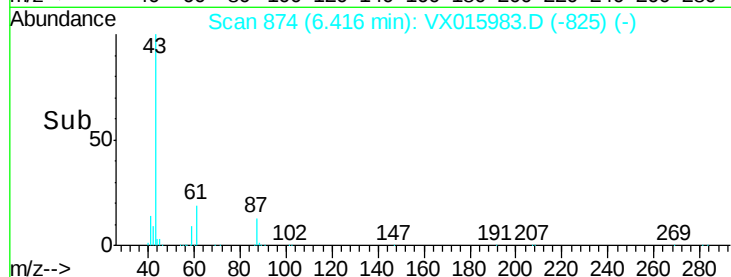
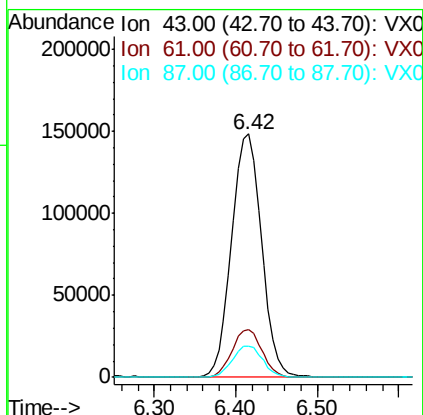
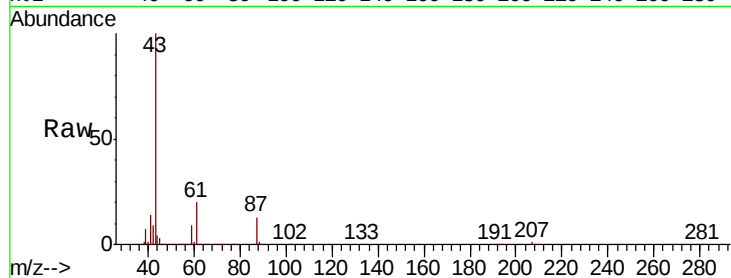


#43

Isopropyl Acetate
 Concen: 49.676 ug/l
 RT: 6.42 min Scan# 874
 Delta R.T. 0.00 min
 Lab File: VX015983.D
 Acq: 29 Apr 2020 17:33

Instrument :
 MSVOA_X
 ClientSampleId :

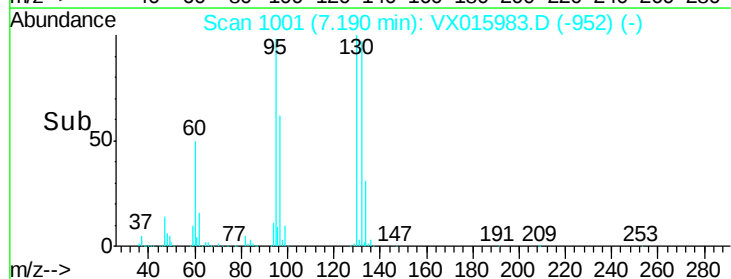
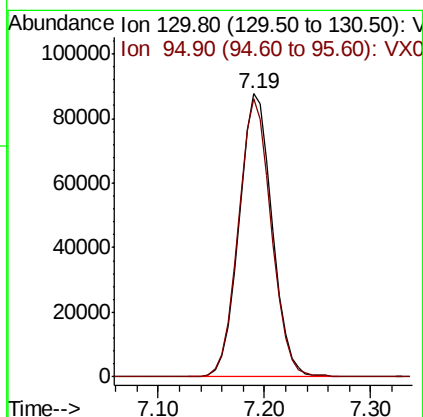
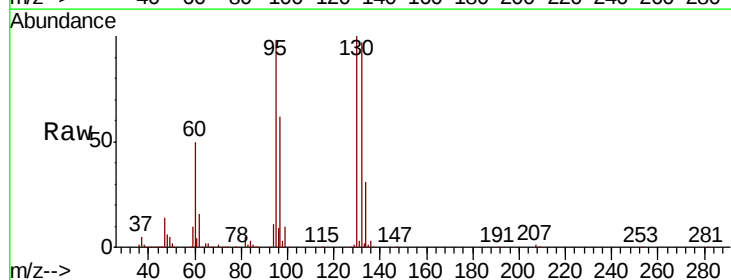
Tot Ion	43	Resp	375130
Ion Ratio	Lower	Upper	
43	100		
61	19.8	16.1	24.1
87	13.2	10.9	16.3

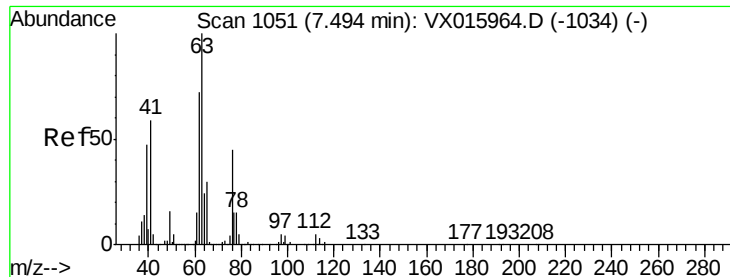


#44

Trichloroethene
 Concen: 46.676 ug/l
 RT: 7.19 min Scan# 1001
 Delta R.T. 0.00 min
 Lab File: VX015983.D
 Acq: 29 Apr 2020 17:33

Tgt Ion	130	Resp	190907
Ion Ratio	Lower	Upper	
130	100		
95	98.3	0.0	197.4





#45

1,2-Dichloropropane

Concen: 50.736 ug/l

RT: 7.49 min Scan# 1050

Delta R.T. -0.01 min

Lab File: VX015983.D

Acq: 29 Apr 2020 17:33

Instrument :

MSVOA_X

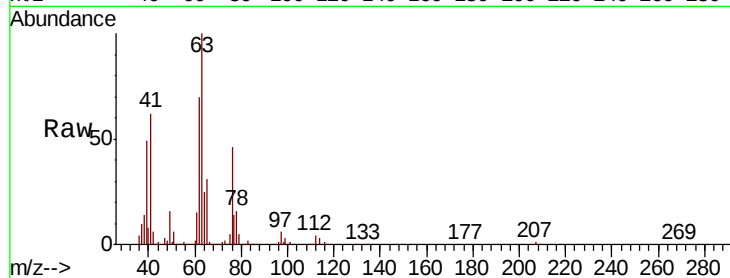
ClientSampleId :

Tot Ion: 63 Resp: 148790

Ion Ratio Lower Upper

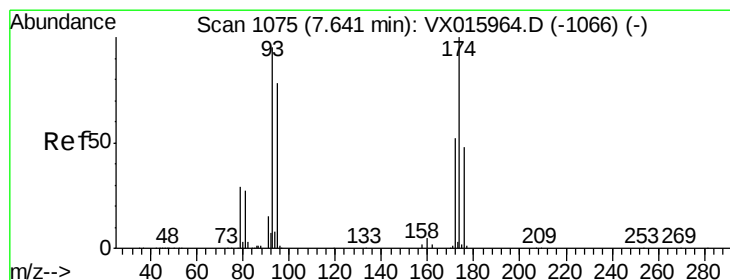
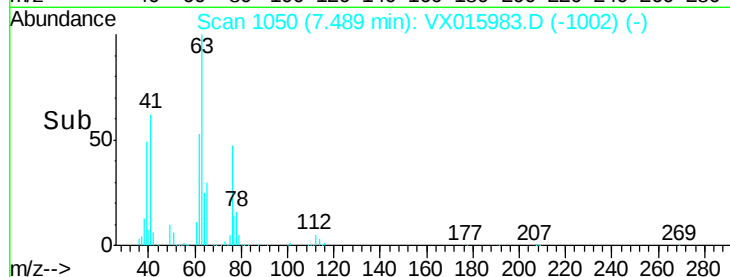
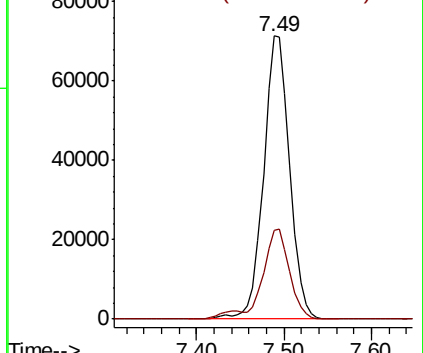
63 100

65 31.4 24.3 36.5



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 49.880 ug/l

RT: 7.64 min Scan# 1075

Delta R.T. 0.00 min

Lab File: VX015983.D

Acq: 29 Apr 2020 17:33

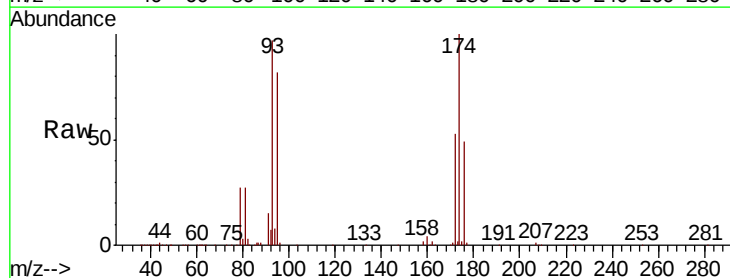
Tgt Ion: 93 Resp: 103942

Ion Ratio Lower Upper

93 100

95 83.2 65.5 98.3

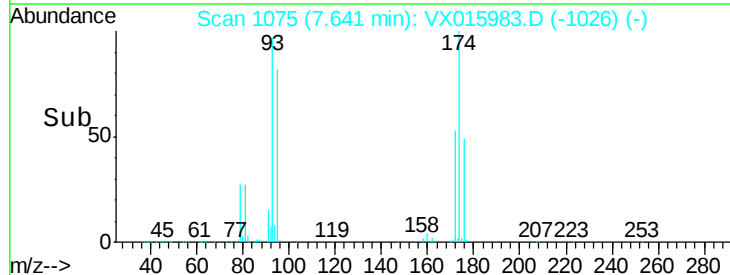
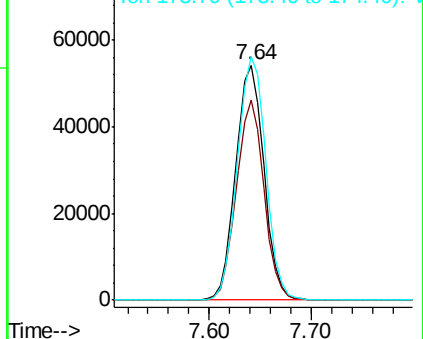
174 104.6 82.7 124.1

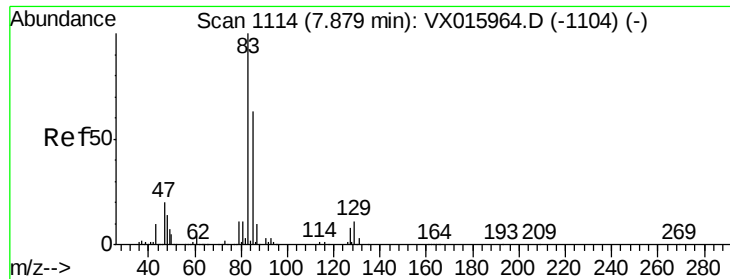


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 51.791 ug/l

RT: 7.88 min Scan# 1114

Delta R.T. 0.00 min

Lab File: VX015983.D

Acq: 29 Apr 2020 17:33

Instrument :

MSVOA_X

ClientSampleId :

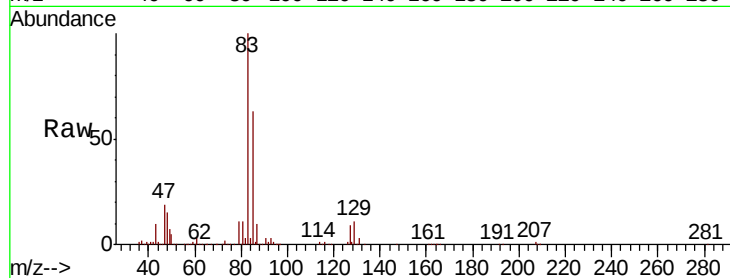
Tot Ion: 83 Resp: 214466

Ion Ratio Lower Upper

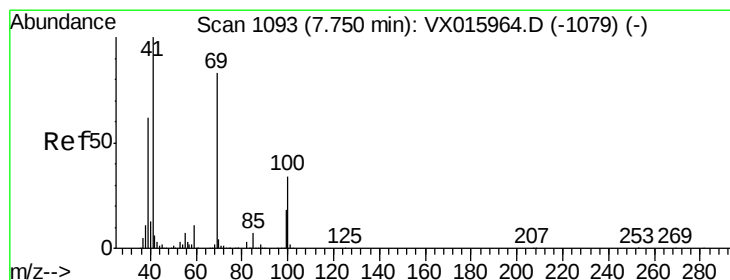
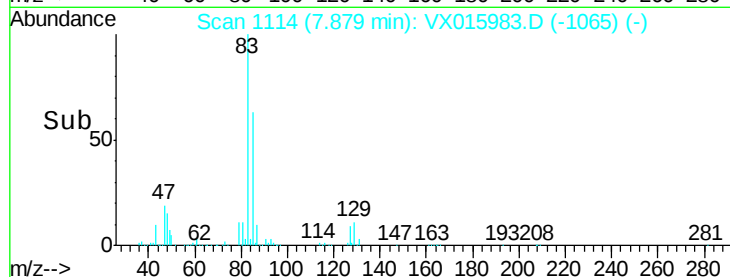
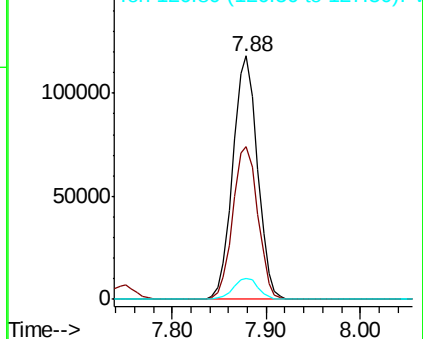
83 100

85 62.7 50.6 75.8

127 8.6 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: 52.481 ug/l

RT: 7.74 min Scan# 1092

Delta R.T. -0.01 min

Lab File: VX015983.D

Acq: 29 Apr 2020 17:33

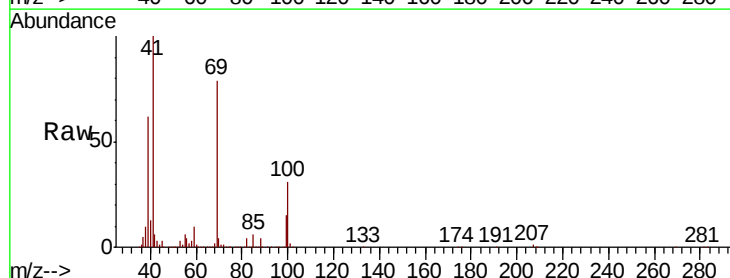
Tgt Ion: 41 Resp: 182979

Ion Ratio Lower Upper

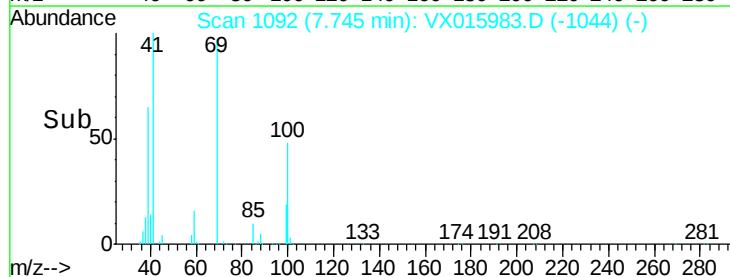
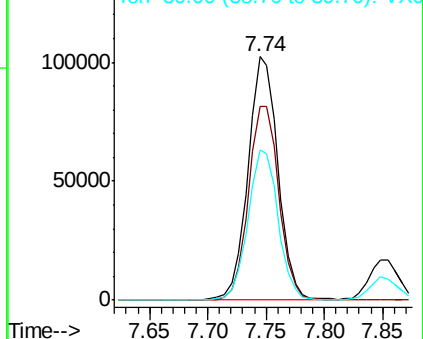
41 100

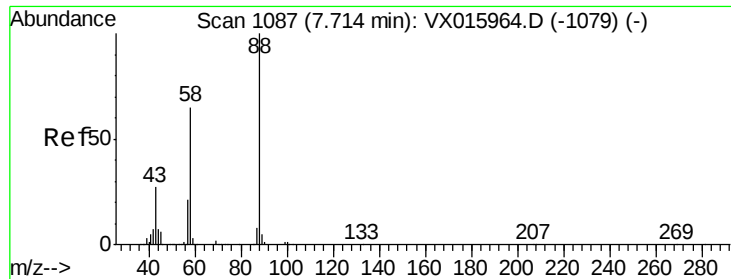
69 81.8 66.0 99.0

39 61.9 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: 902.086 ug/l

RT: 7.71 min Scan# 1087

Delta R.T. 0.00 min

Lab File: VX015983.D

Acq: 29 Apr 2020 17:33

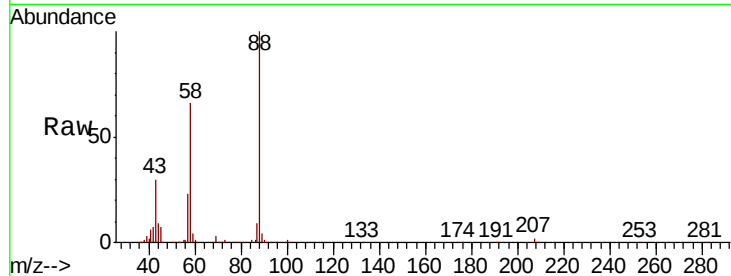
Instrument :

MSVOA_X

ClientSampleId :

Tot Ion: 88 Resp: 73990

Ion	Ratio	Lower	Upper
88	100		
43	34.2	26.6	39.8
58	69.5	54.8	82.2

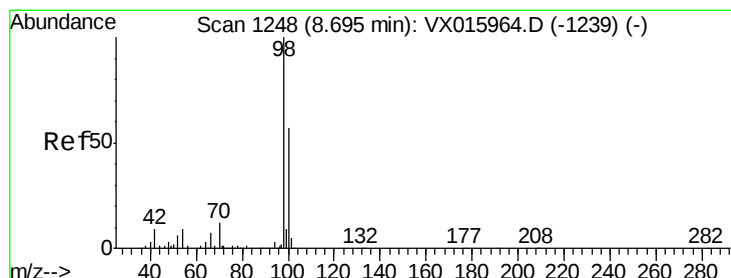
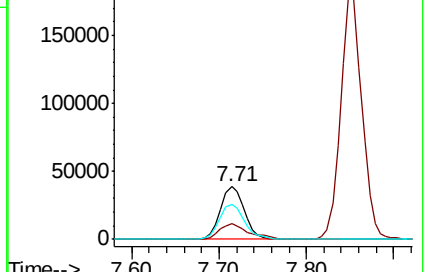
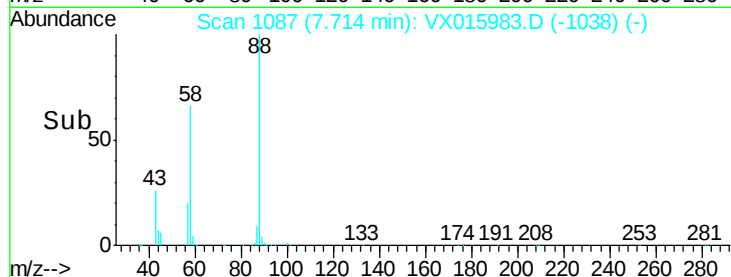


Abundance

Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#50

Toluene-d8

Concen: 47.986 ug/l

RT: 8.70 min Scan# 1248

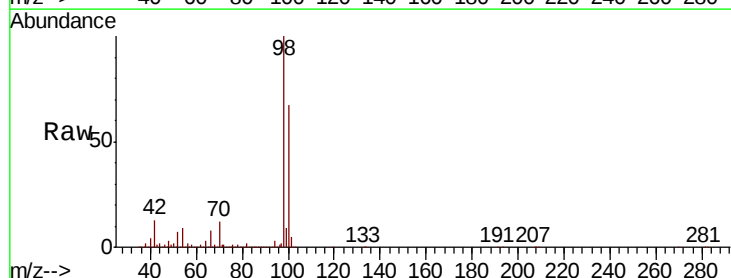
Delta R.T. 0.00 min

Lab File: VX015983.D

Acq: 29 Apr 2020 17:33

Tgt Ion: 98 Resp: 467318

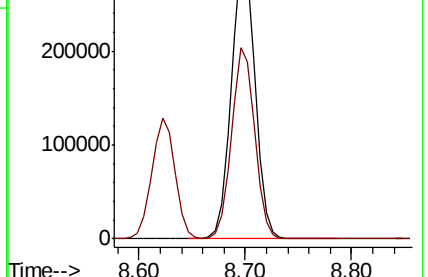
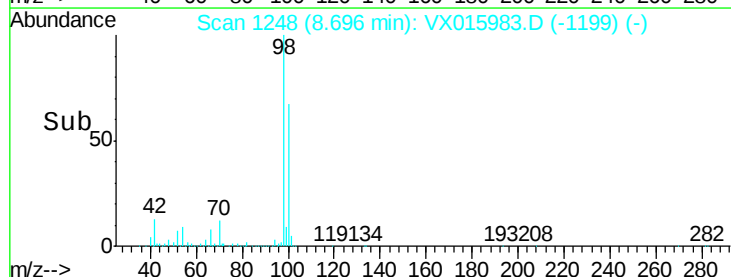
Ion	Ratio	Lower	Upper
98	100		
100	66.5	53.1	79.7

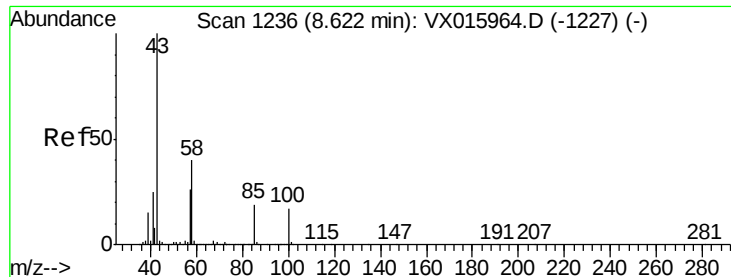


Abundance

Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0

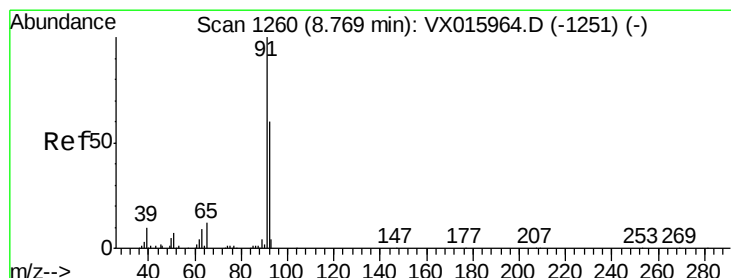
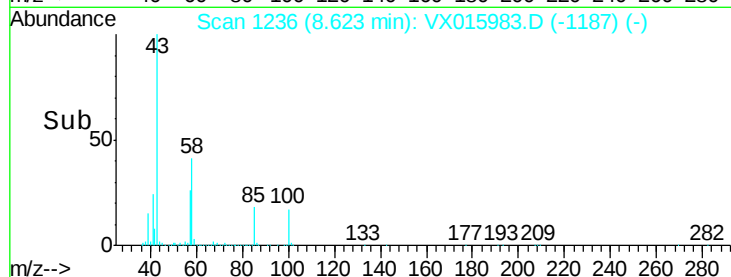
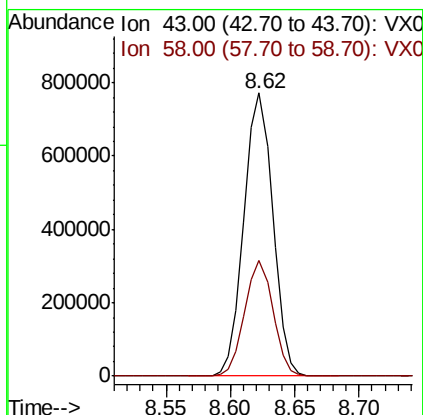
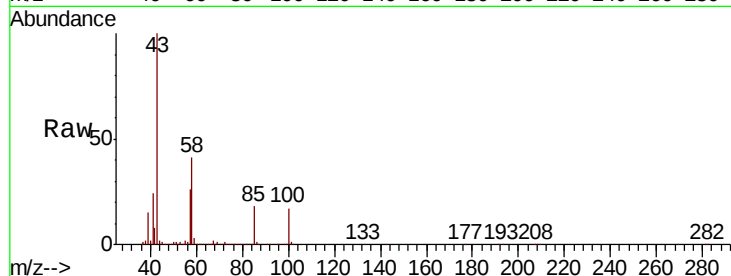




#51
 4-Methyl-2-Pentanone
 Concen: 261.426 ug/l
 RT: 8.62 min Scan# 1236
 Delta R.T. 0.00 min
 Lab File: VX015983.D
 Acq: 29 Apr 2020 17:33

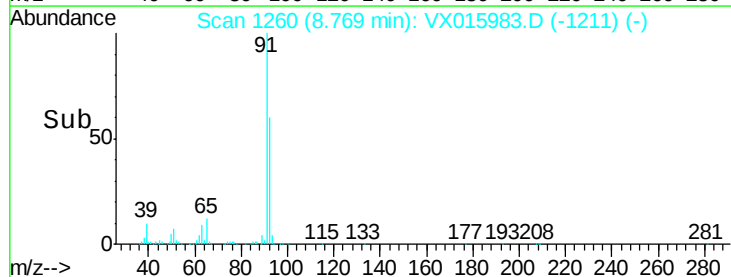
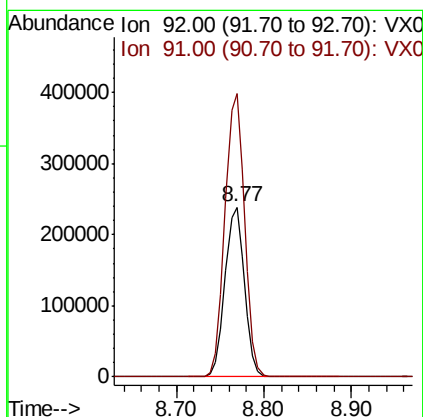
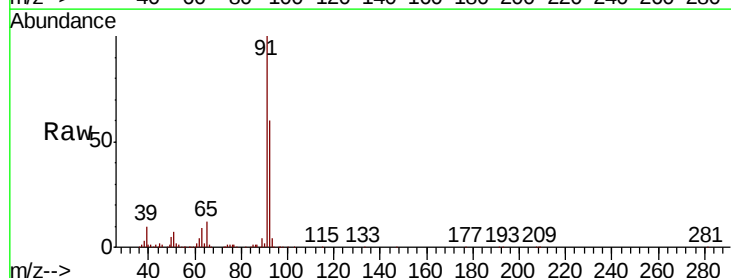
Instrument :
 MSVOA_X
 ClientSampleId :

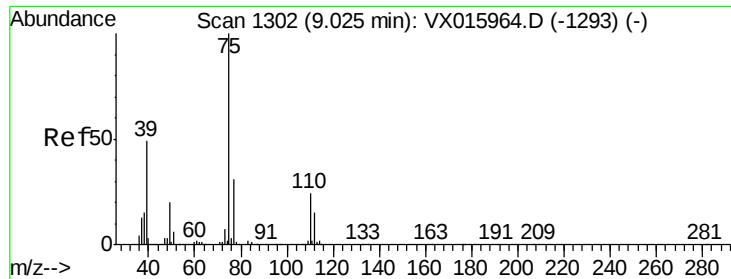
Tot Ion: 43 Resp: 1197458
 Ion Ratio Lower Upper
 43 100
 58 40.0 32.0 48.0



#52
 Toluene
 Concen: 51.039 ug/l
 RT: 8.77 min Scan# 1260
 Delta R.T. 0.00 min
 Lab File: VX015983.D
 Acq: 29 Apr 2020 17:33

Tgt Ion: 92 Resp: 367627
 Ion Ratio Lower Upper
 92 100
 91 168.5 134.6 202.0





#53

t-1,3-Dichloropropene

Concen: 49.569 ug/l

RT: 9.02 min Scan# 1302

Delta R.T. 0.00 min

Lab File: VX015983.D

Acq: 29 Apr 2020 17:33

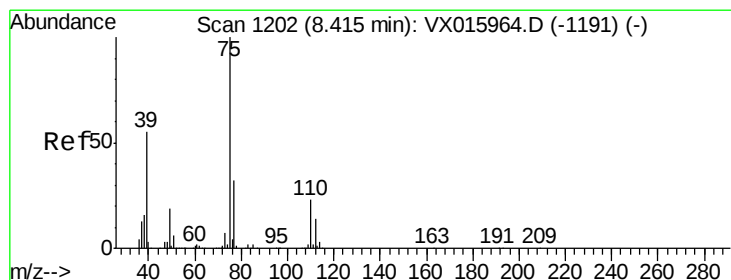
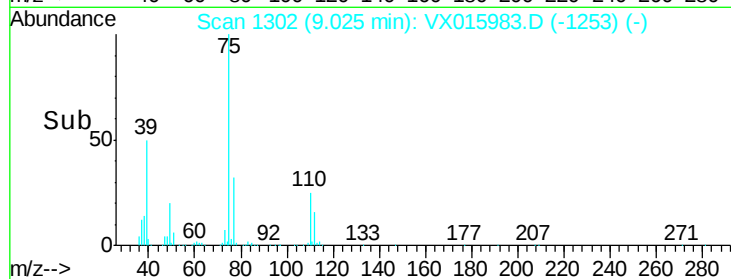
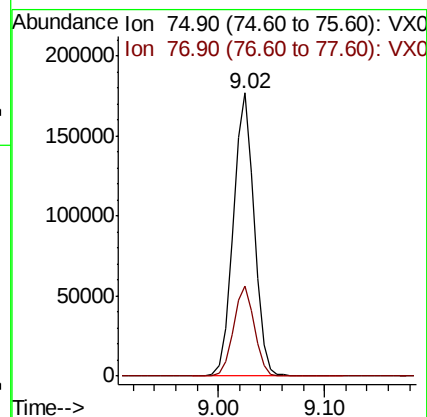
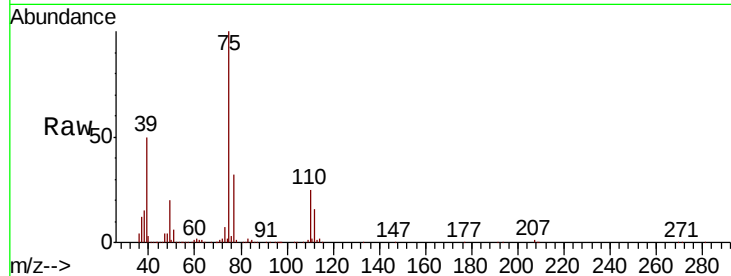
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 75 Resp: 243557

Ion Ratio Lower Upper

75 100

77 31.9 24.9 37.3



#54

cis-1,3-Dichloropropene

Concen: 49.828 ug/l

RT: 8.42 min Scan# 1202

Delta R.T. 0.00 min

Lab File: VX015983.D

Acq: 29 Apr 2020 17:33

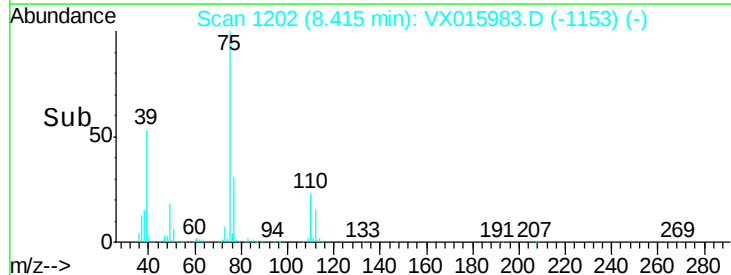
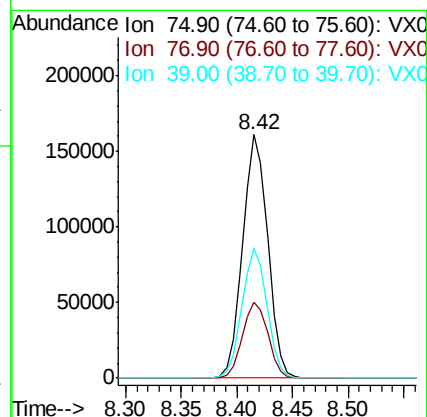
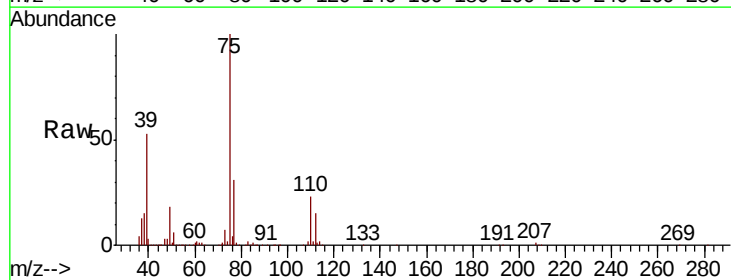
Tgt Ion: 75 Resp: 251804

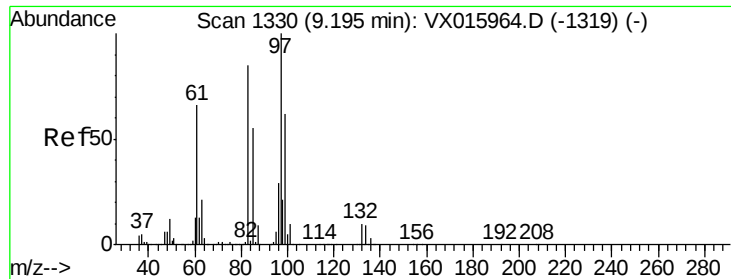
Ion Ratio Lower Upper

75 100

77 31.3 25.4 38.0

39 53.2 44.1 66.1

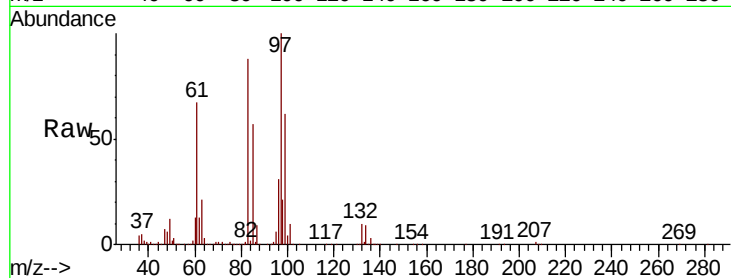




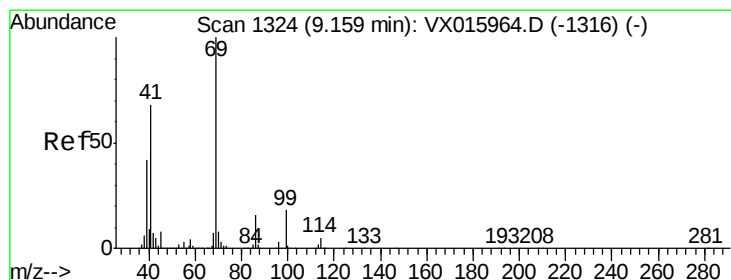
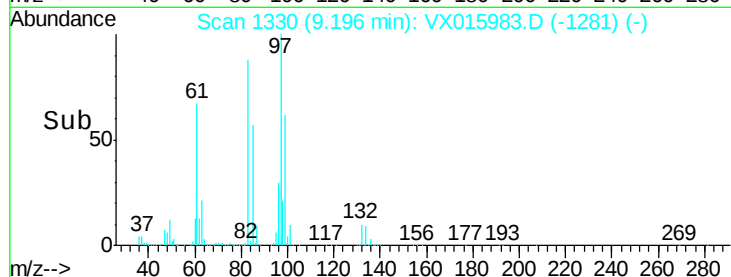
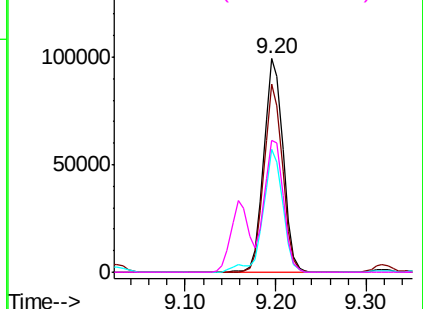
#55
 1,1,2-Trichloroethane
 Concen: 50.856 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. 0.00 min
 Lab File: VX015983.D
 Acq: 29 Apr 2020 17:33

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion:	97	Resp:	146387
Ion	Ratio	Lower	Upper
97	100		
83	88.1	68.2	102.2
85	57.3	43.7	65.5
99	62.0	49.7	74.5

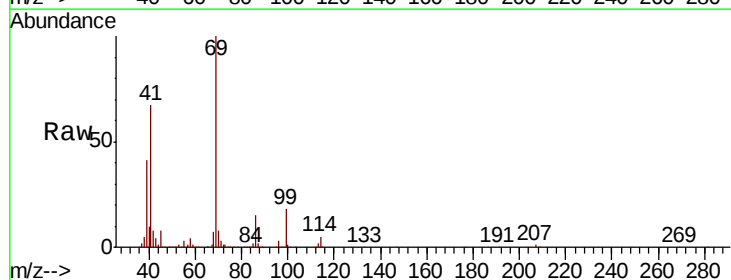


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

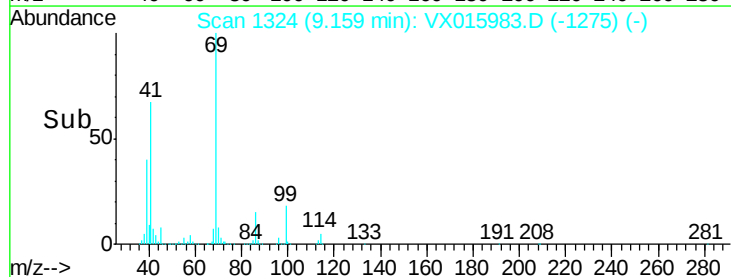
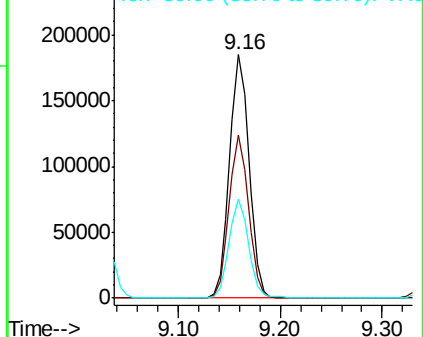


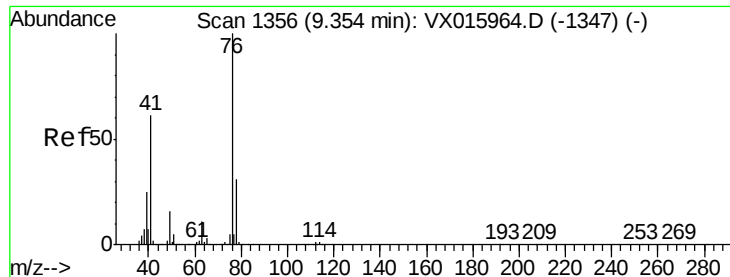
#56
 Ethyl methacrylate
 Concen: 52.369 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. 0.00 min
 Lab File: VX015983.D
 Acq: 29 Apr 2020 17:33

Tgt Ion:	69	Resp:	245112
Ion	Ratio	Lower	Upper
69	100		
41	66.9	53.5	80.3
39	40.7	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: 51.061 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. 0.00 min

Lab File: VX015983.D

Acq: 29 Apr 2020 17:33

Instrument :

MSVOA_X

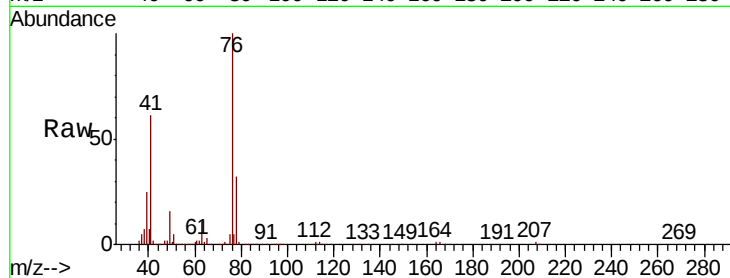
ClientSampleId :

Tot Ion: 76 Resp: 252531

Ion Ratio Lower Upper

76 100

78 32.5 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

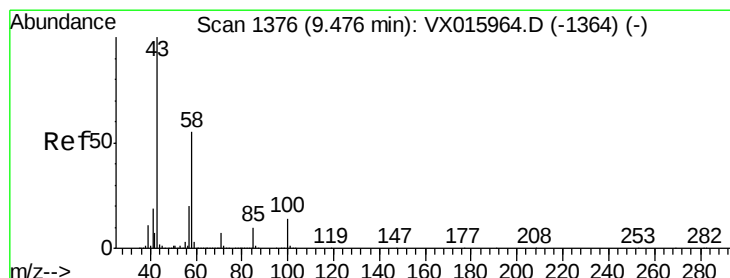
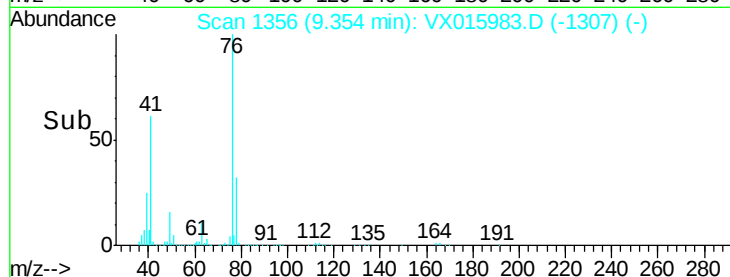
150000

100000

50000

0

Time--> 9.25 9.30 9.35 9.40 9.45



#59

2-Hexanone

Concen: 260.070 ug/l

RT: 9.48 min Scan# 1376

Delta R.T. 0.00 min

Lab File: VX015983.D

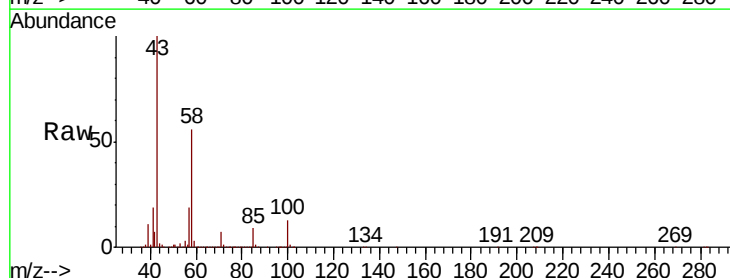
Acq: 29 Apr 2020 17:33

Tgt Ion: 43 Resp: 930967

Ion Ratio Lower Upper

43 100

58 55.6 27.7 83.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

800000

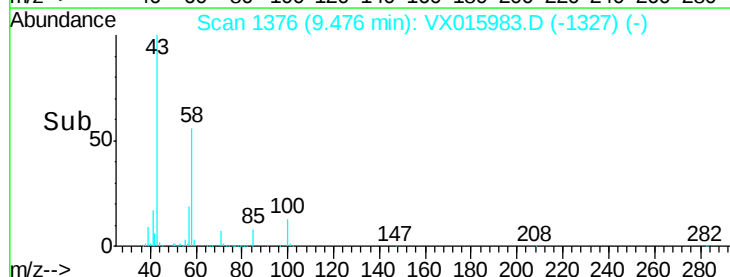
600000

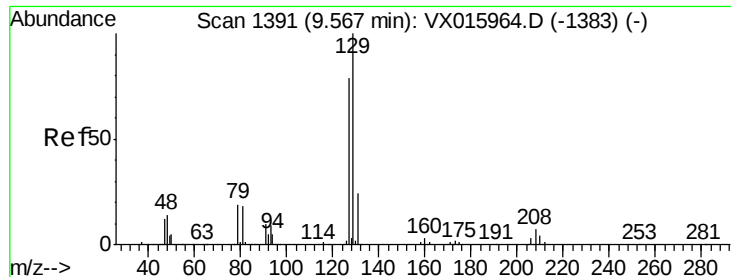
400000

200000

0

Time--> 9.30 9.40 9.50 9.60





#60

Dibromochloromethane

Concen: 52.100 ug/l

RT: 9.57 min Scan# 1391

Delta R.T. 0.00 min

Lab File: VX015983.D

Acq: 29 Apr 2020 17:33

Instrument :

MSVOA_X

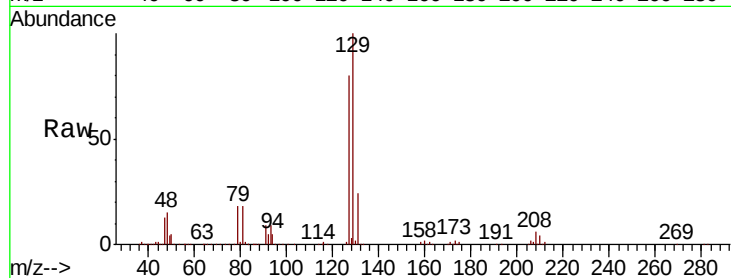
ClientSampleId :

Tot Ion:129 Resp: 167854

Ion Ratio Lower Upper

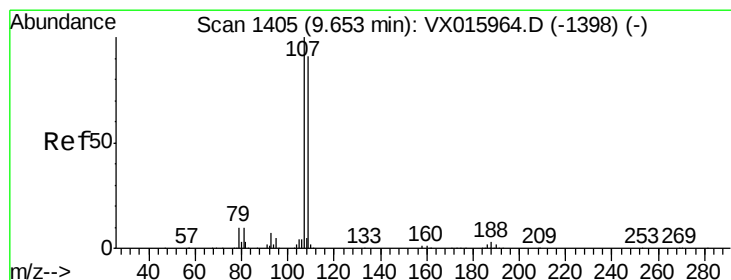
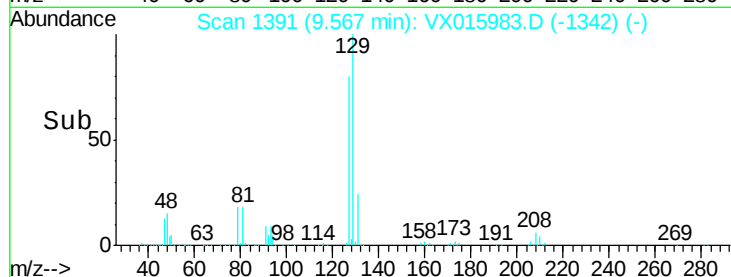
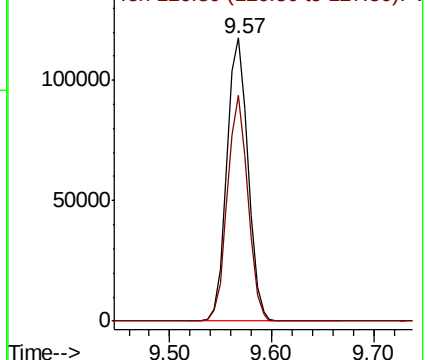
129 100

127 77.2 39.4 118.1



Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V



#61

1,2-Dibromoethane

Concen: 50.664 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. 0.00 min

Lab File: VX015983.D

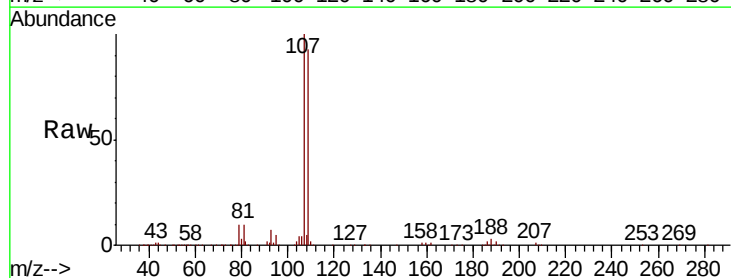
Acq: 29 Apr 2020 17:33

Tgt Ion:107 Resp: 158142

Ion Ratio Lower Upper

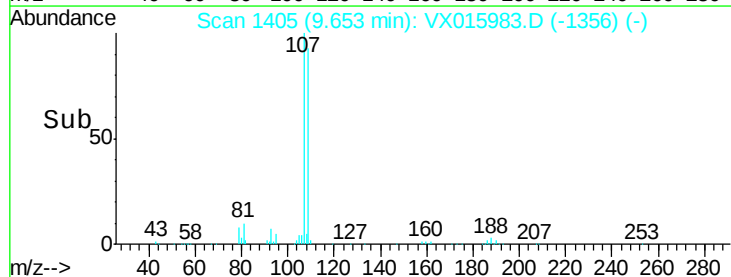
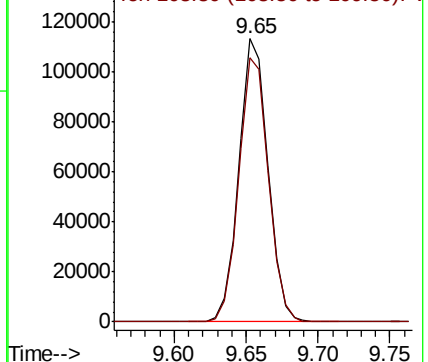
107 100

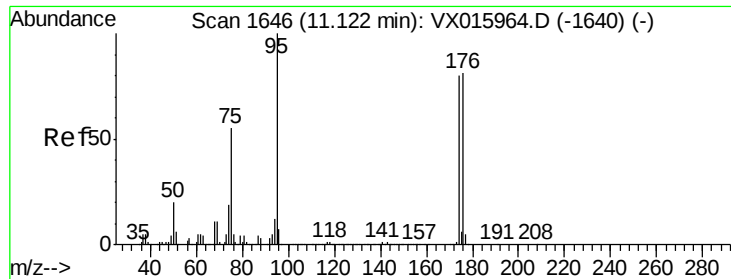
109 95.2 74.9 112.3



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

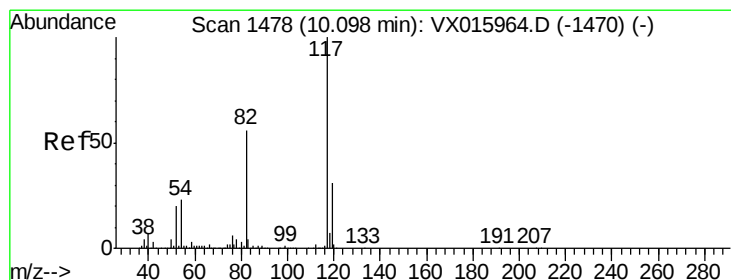
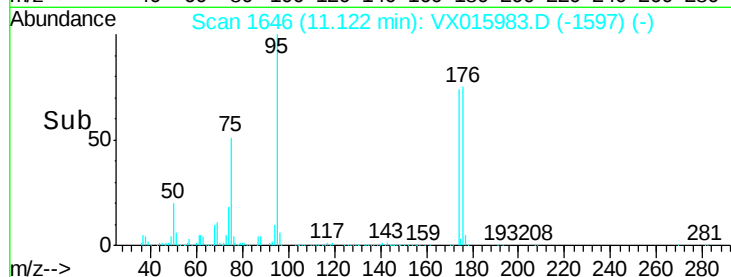
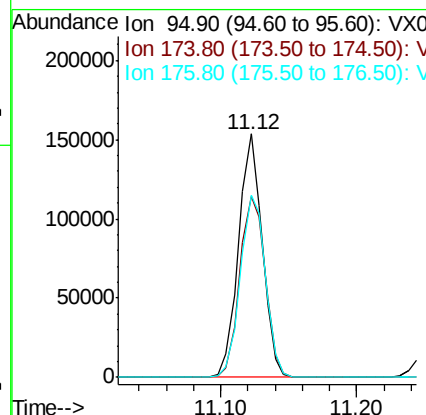
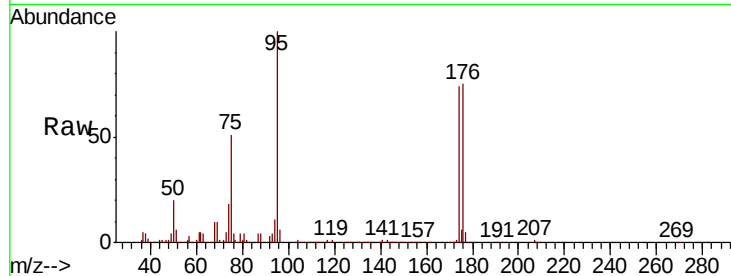




#62
4-Bromofluorobenzene
Concen: 48.702 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. 0.00 min
Lab File: VX015983.D
Acq: 29 Apr 2020 17:33

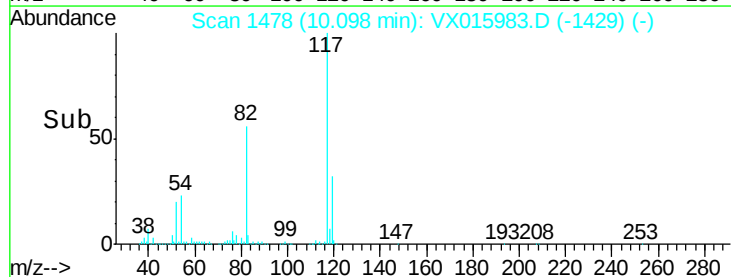
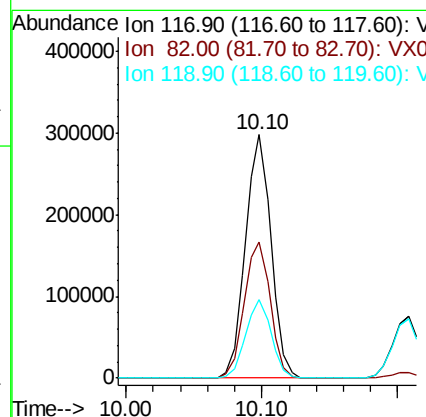
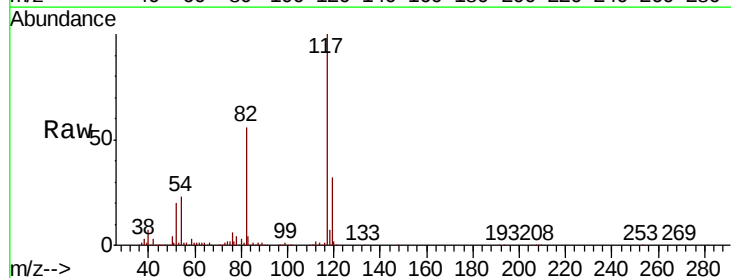
Instrument :
MSVOA_X
ClientSampled :

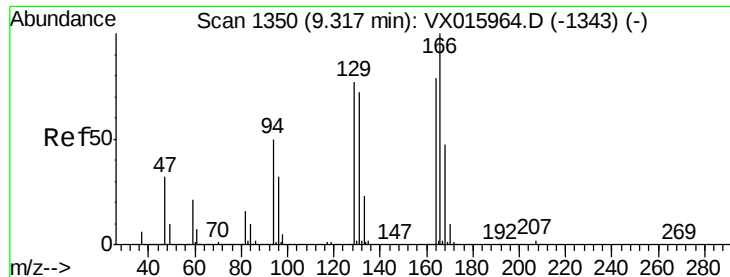
Tot Ion: 95 Resp: 186028
Ion Ratio Lower Upper
95 100
174 79.9 0.0 165.0
176 78.9 0.0 163.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. 0.00 min
Lab File: VX015983.D
Acq: 29 Apr 2020 17:33

Tgt Ion: 117 Resp: 391594
Ion Ratio Lower Upper
117 100
82 56.0 44.5 66.7
119 32.1 25.0 37.6





#64

Tetrachloroethene

Concen: 46.822 ug/l

RT: 9.32 min Scan# 1350

Delta R.T. 0.00 min

Lab File: VX015983.D

Acq: 29 Apr 2020 17:33

Instrument :

MSVOA_X

ClientSampleId :

Tot Ion:164 Resp: 217513

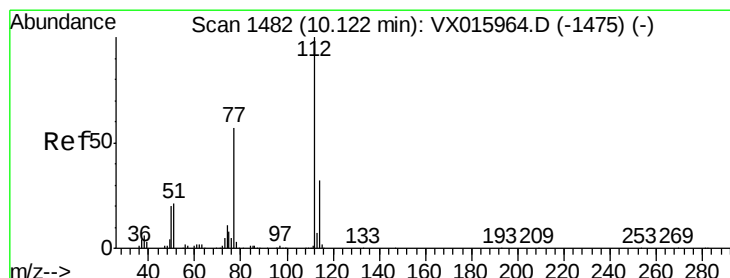
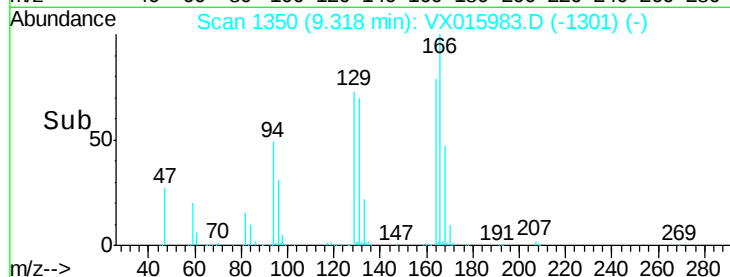
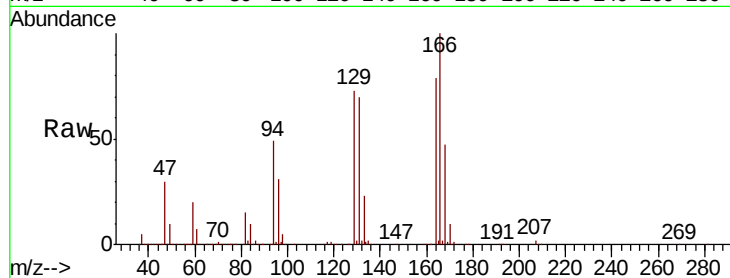
Ion Ratio Lower Upper

164 100

166 127.3 101.0 151.4

129 92.4 77.4 116.0

131 88.6 72.2 108.2



#65

Chlorobenzene

Concen: 49.148 ug/l

RT: 10.12 min Scan# 1482

Delta R.T. 0.00 min

Lab File: VX015983.D

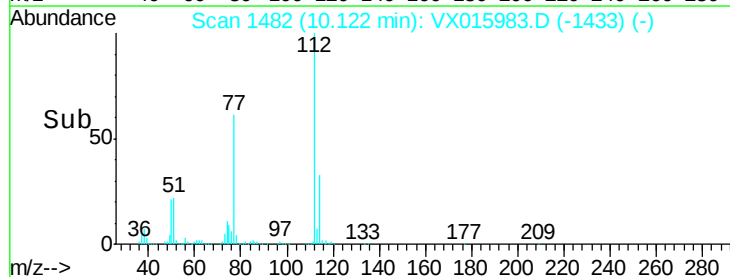
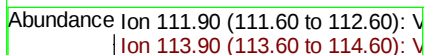
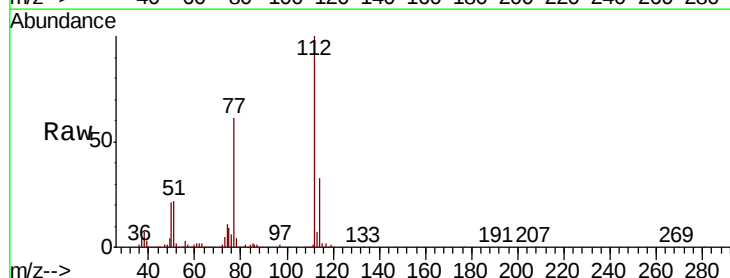
Acq: 29 Apr 2020 17:33

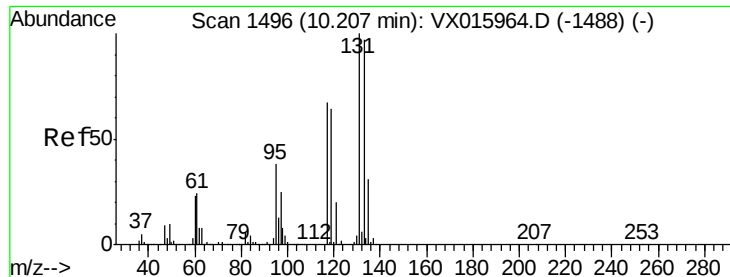
Tgt Ion:112 Resp: 391995

Ion Ratio Lower Upper

112 100

114 32.5 25.4 38.0





#66

1,1,1,2-Tetrachloroethane

Concen: 50.104 ug/l

RT: 10.21 min Scan# 1496

Delta R.T. 0.00 min

Lab File: VX015983.D

Acq: 29 Apr 2020 17:33

Instrument :

MSVOA_X

ClientSampleId :

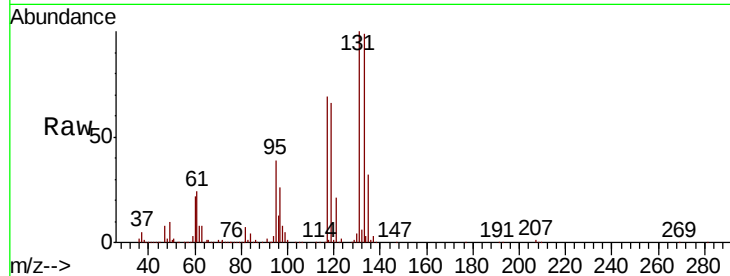
Tot Ion:131 Resp: 151038

Ion Ratio Lower Upper

131 100

133 96.5 48.3 144.8

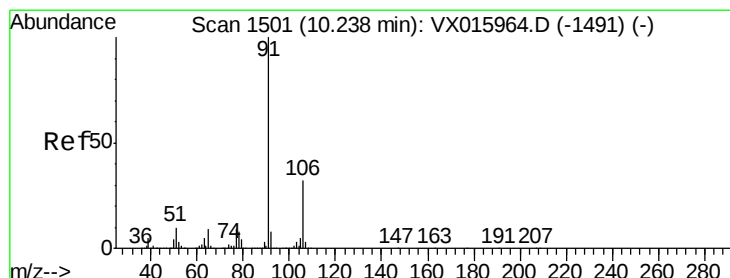
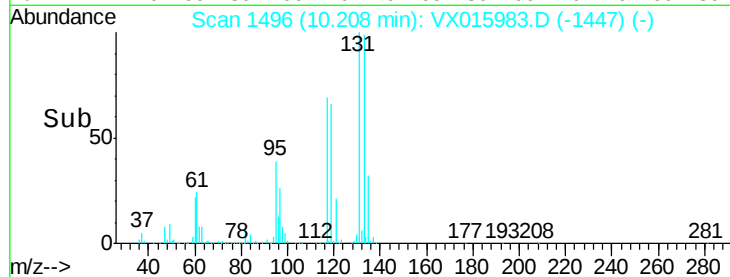
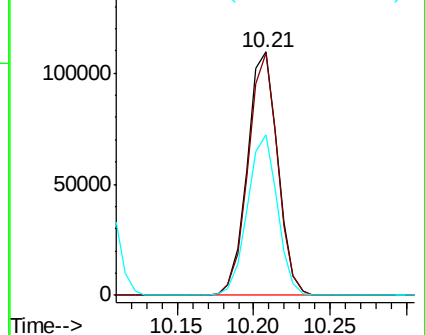
119 64.8 31.6 94.8



Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V



#67

Ethyl Benzene

Concen: 50.148 ug/l

RT: 10.24 min Scan# 1501

Delta R.T. 0.00 min

Lab File: VX015983.D

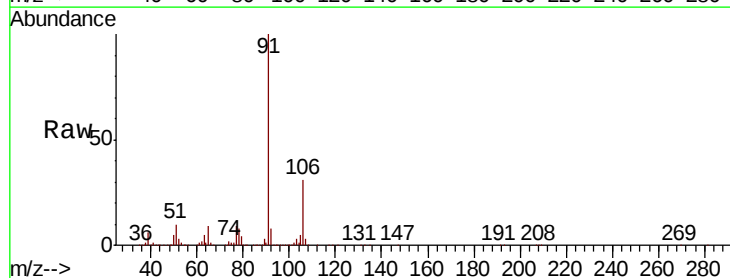
Acq: 29 Apr 2020 17:33

Tgt Ion: 91 Resp: 712285

Ion Ratio Lower Upper

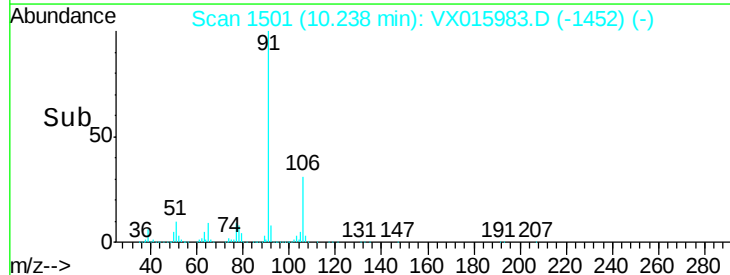
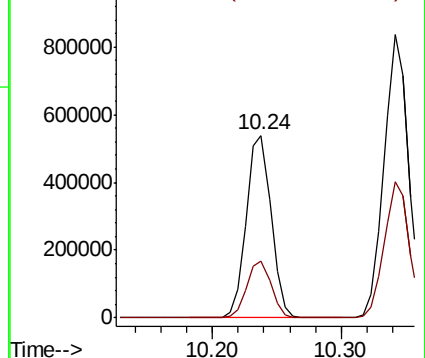
91 100

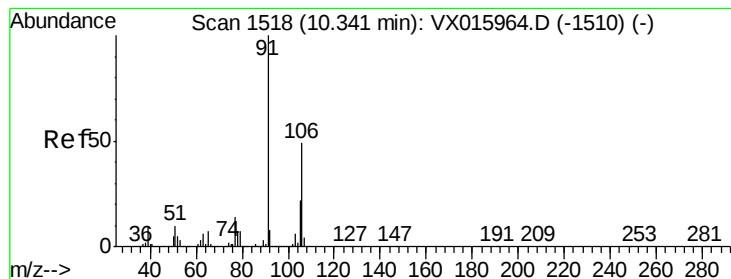
106 30.8 25.3 37.9



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V





#68

m/p-Xylenes

Concen: 99.090 ug/l

RT: 10.34 min Scan# 1518

Delta R.T. 0.00 min

Lab File: VX015983.D

Acq: 29 Apr 2020 17:33

Instrument :

MSVOA_X

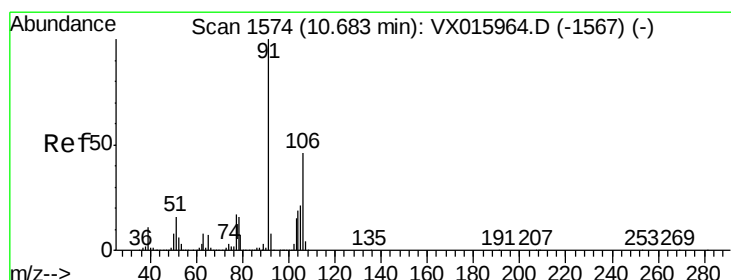
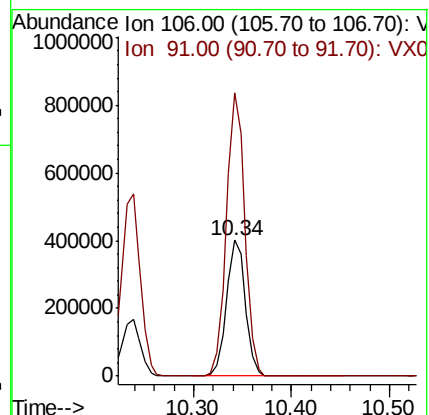
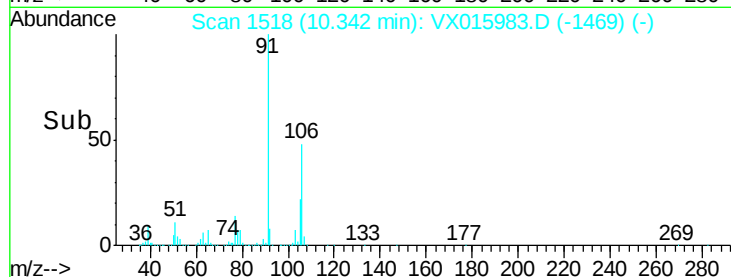
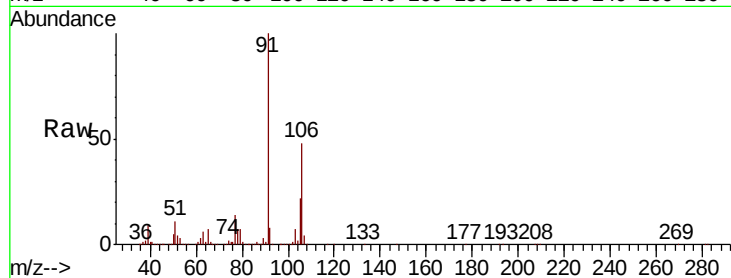
ClientSampleId :

Tot Ion:106 Resp: 534062

Ion Ratio Lower Upper

106 100

91 204.2 161.6 242.4



#69

o-Xylene

Concen: 51.074 ug/l

RT: 10.68 min Scan# 1574

Delta R.T. 0.00 min

Lab File: VX015983.D

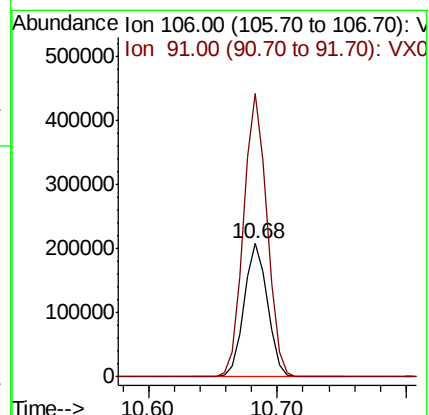
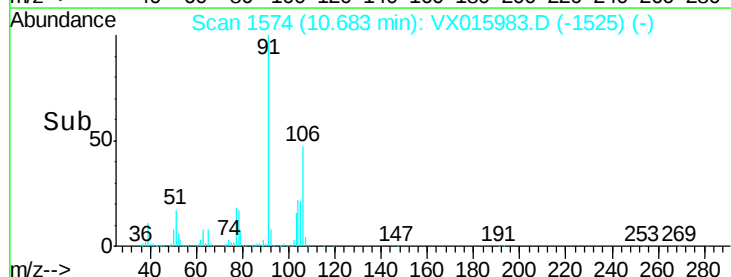
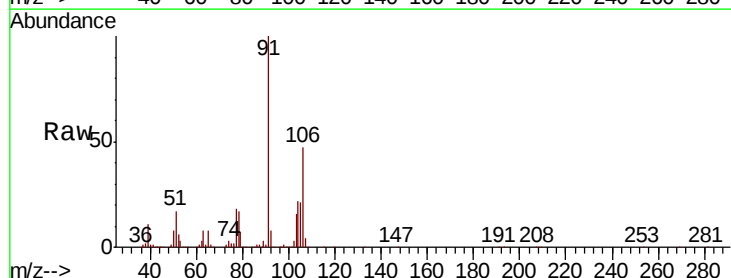
Acq: 29 Apr 2020 17:33

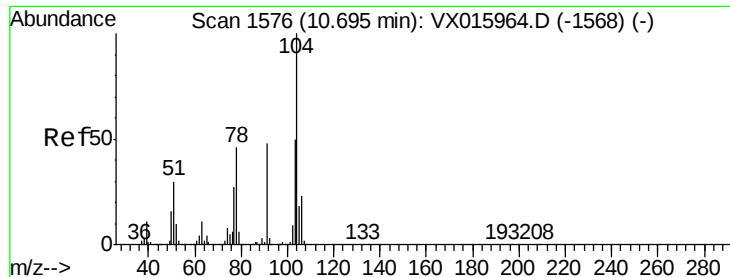
Tgt Ion:106 Resp: 261350

Ion Ratio Lower Upper

106 100

91 212.4 106.1 318.3





#70

Stvrene

Concen: 51.258 ug/l

RT: 10.70 min Scan# 1576

Delta R.T. 0.00 min

Lab File: VX015983.D

Acq: 29 Apr 2020 17:33

Instrument :

MSVOA_X

ClientSampleId :

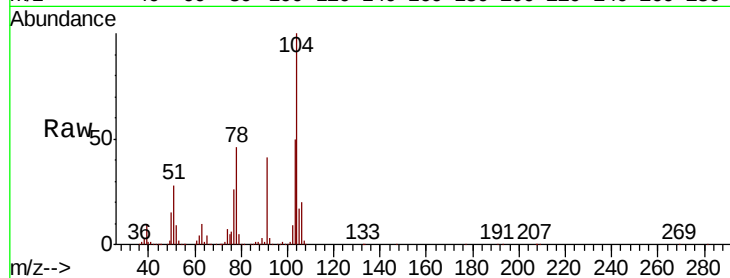
Tot Ion:104 Resp: 450062

Ion Ratio Lower Upper

104 100

78 50.5 41.0 61.4

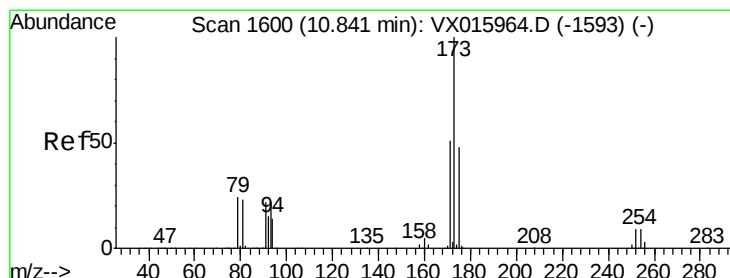
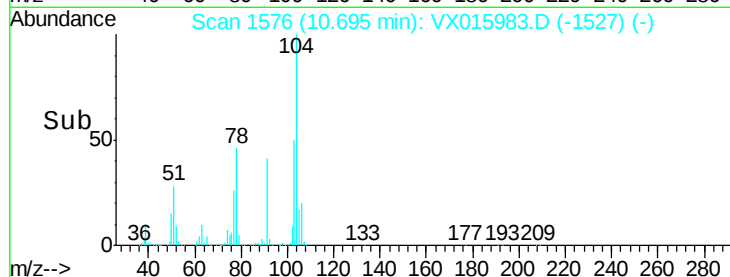
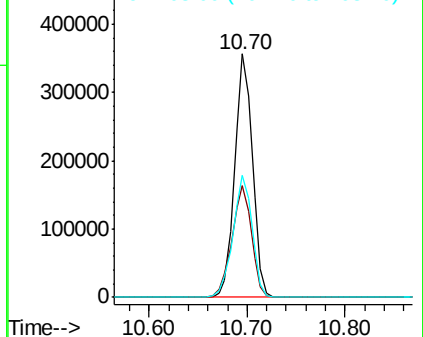
103 54.1 43.4 65.2



Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): VX0

Ion 103.00 (102.70 to 103.70): V



#71

Bromoform

Concen: 46.562 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. 0.00 min

Lab File: VX015983.D

Acq: 29 Apr 2020 17:33

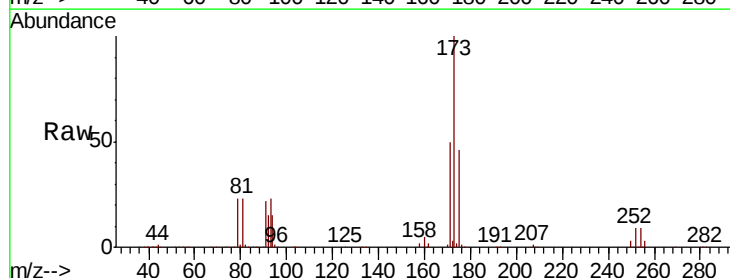
Tgt Ion:173 Resp: 127267

Ion Ratio Lower Upper

173 100

175 48.3 24.1 72.4

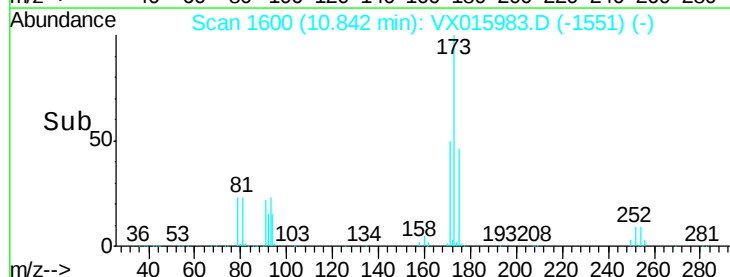
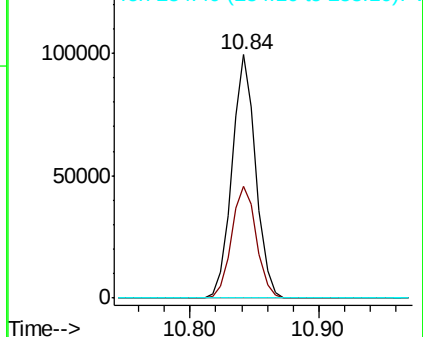
254 0.1 0.1 0.1

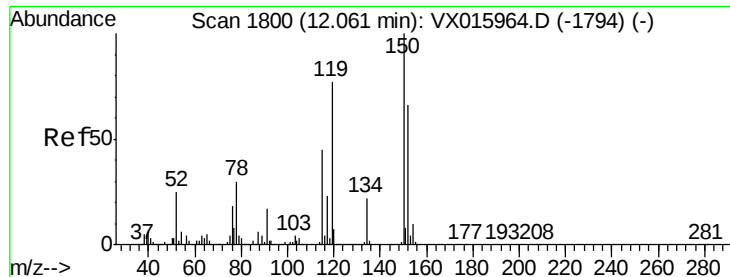


Abundance Ion 172.70 (172.40 to 173.40): V

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: 12.06 min Scan# 1800

Delta R.T. 0.00 min

Lab File: VX015983.D

Acq: 29 Apr 2020 17:33

Instrument :

MSVOA_X

ClientSampleId :

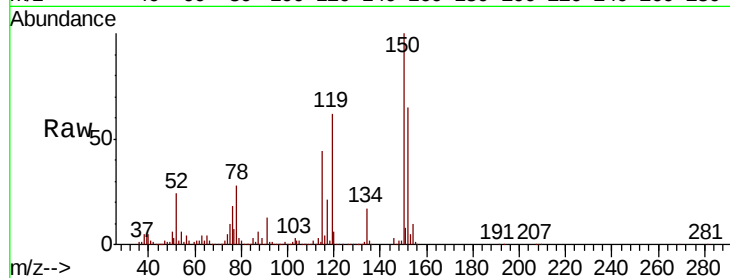
Tot Ion:152 Resp: 199900

Ion Ratio Lower Upper

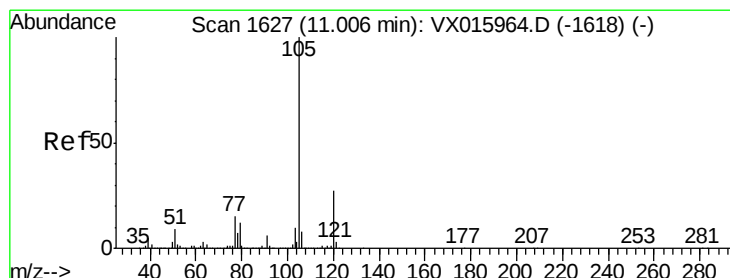
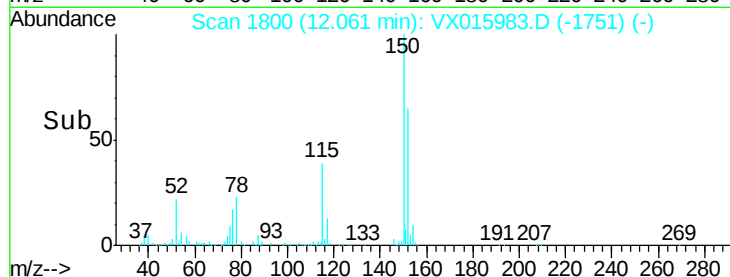
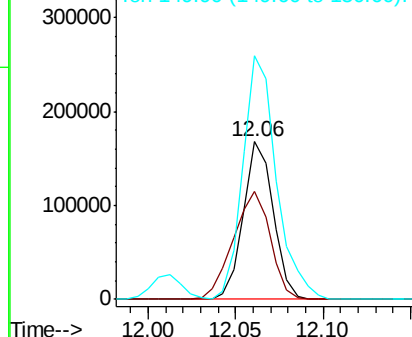
152 100

115 84.6 40.9 122.7

150 173.0 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: 51.791 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.01 min

Lab File: VX015983.D

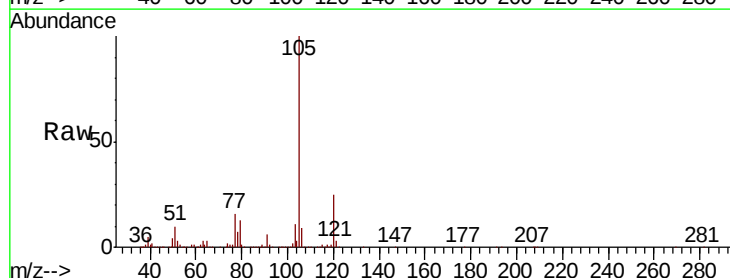
Acq: 29 Apr 2020 17:33

Tgt Ion:105 Resp: 704300

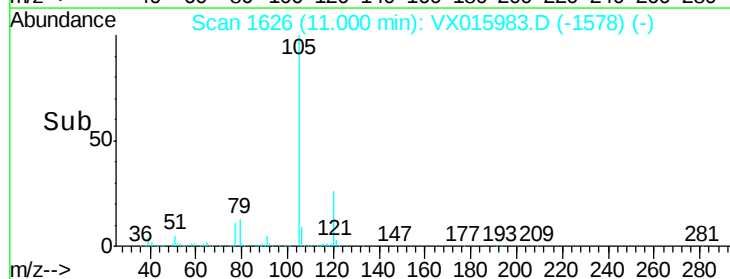
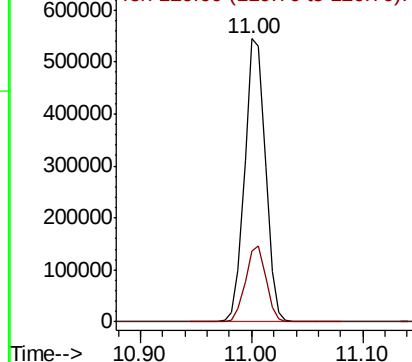
Ion Ratio Lower Upper

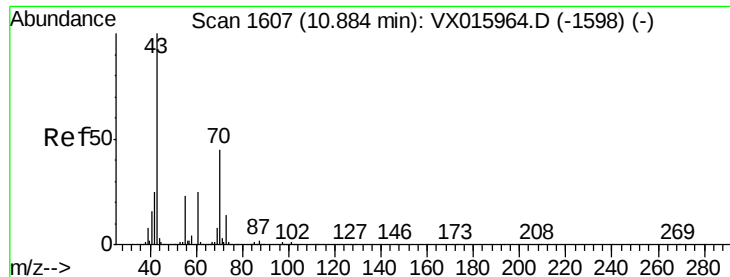
105 100

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





#74

N-amvl acetate

Concen: 49.719 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. -0.01 min

Lab File: VX015983.D

Acq: 29 Apr 2020 17:33

Instrument :

MSVOA_X

ClientSampleId :

Tot Ion: 43 Resp: 326084

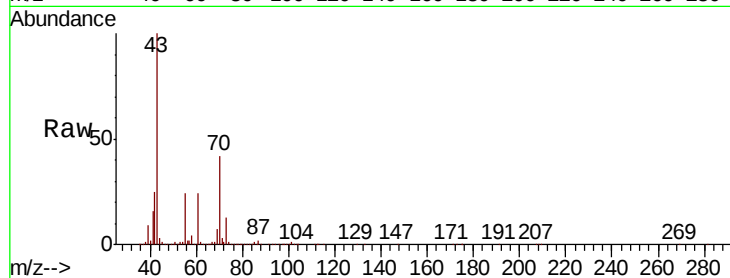
Ion Ratio Lower Upper

43 100

70 43.7 34.5 51.7

55 24.1 18.6 28.0

61 24.7 19.8 29.6

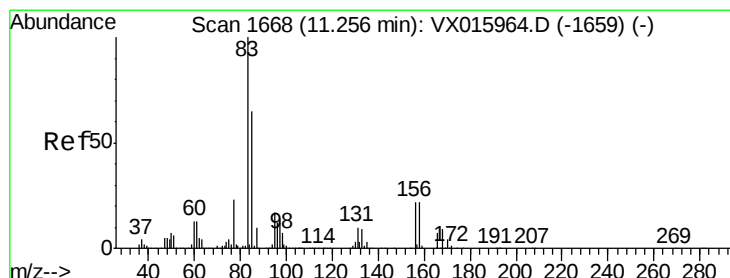
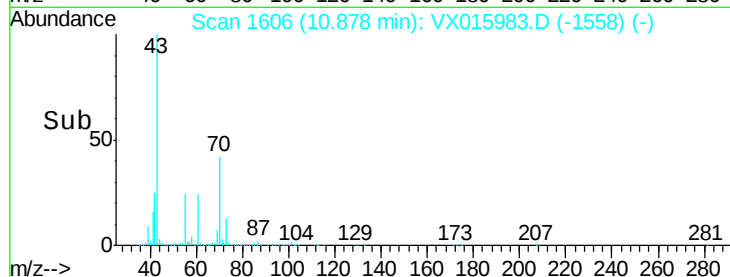
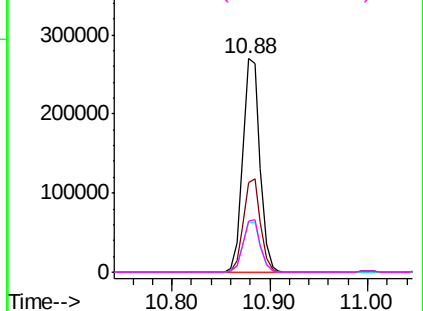


Abundance Ion 43.00 (42.70 to 43.70): VX0

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



#75

1,1,2,2-Tetrachloroethane

Concen: 50.715 ug/l

RT: 11.26 min Scan# 1668

Delta R.T. 0.00 min

Lab File: VX015983.D

Acq: 29 Apr 2020 17:33

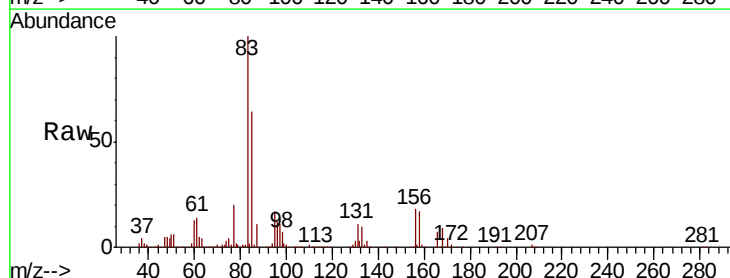
Tgt Ion: 83 Resp: 160268

Ion Ratio Lower Upper

83 100

131 10.3 5.1 15.4

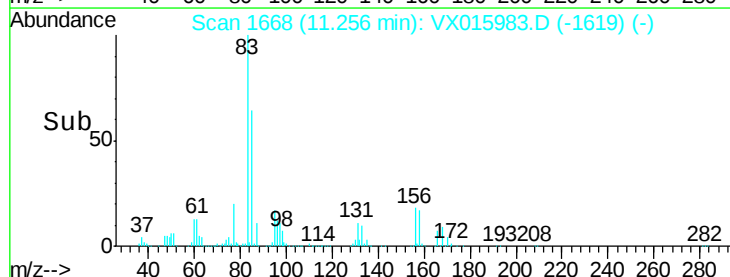
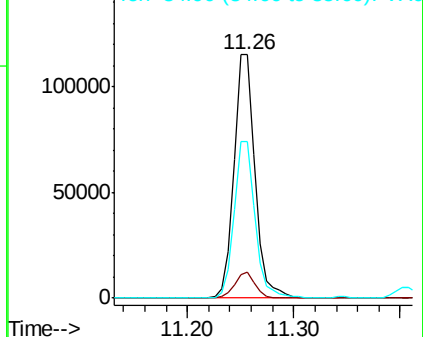
85 64.6 32.2 96.6

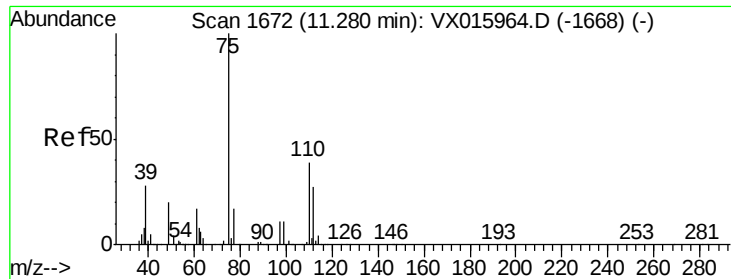


Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0

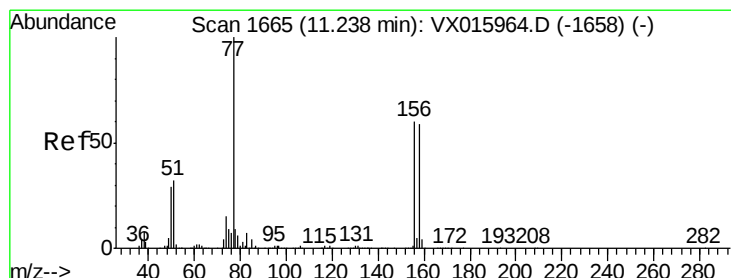
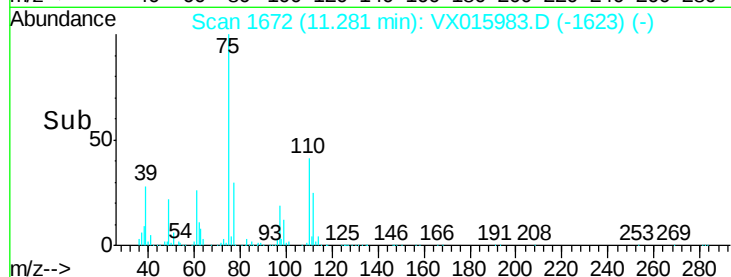
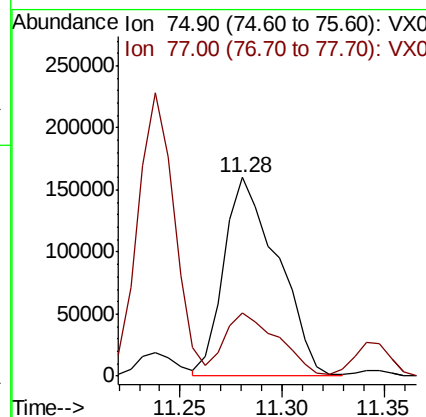
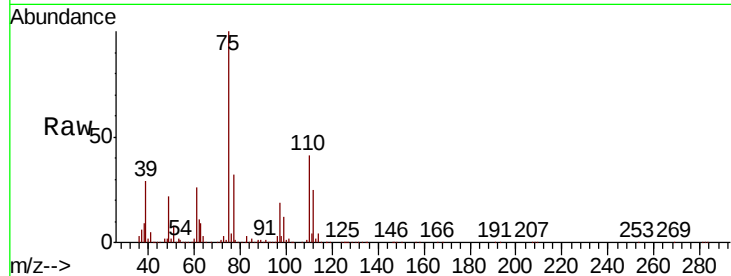




#76
 1,2,3-Trichloropropane
 Concen: 70.112 ug/l
 RT: 11.28 min Scan# 1672
 Delta R.T. 0.00 min
 Lab File: VX015983.D
 Acq: 29 Apr 2020 17:33

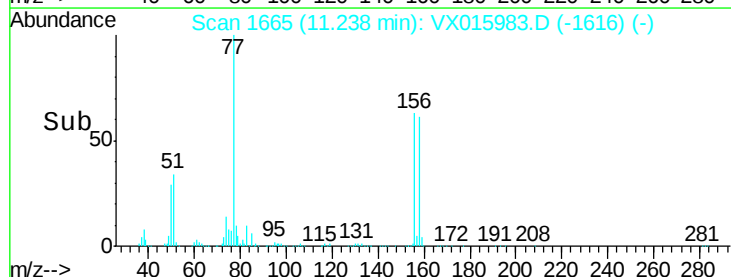
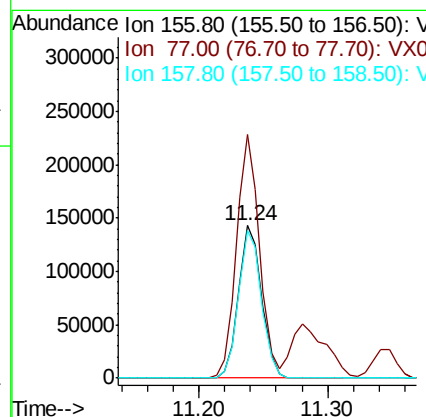
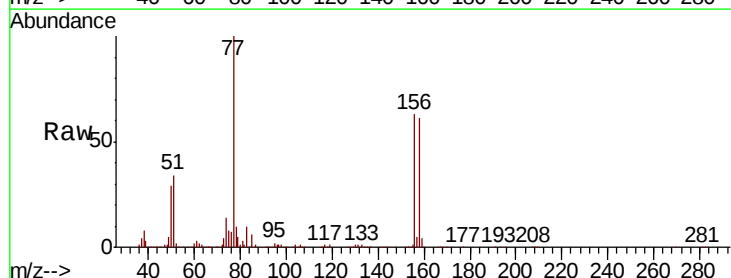
Instrument :
 MSVOA_X
 ClientSampleId :

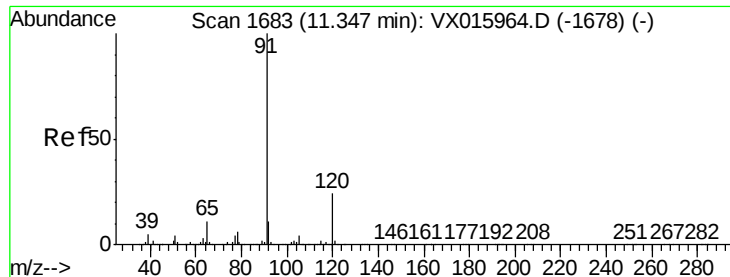
Tot Ion: 75 Resp: 294091
 Ion Ratio Lower Upper
 75 100
 77 31.7 21.6 65.0



#77
 Bromobenzene
 Concen: 50.982 ug/l
 RT: 11.24 min Scan# 1665
 Delta R.T. 0.00 min
 Lab File: VX015983.D
 Acq: 29 Apr 2020 17:33

Tgt Ion: 156 Resp: 178458
 Ion Ratio Lower Upper
 156 100
 77 159.3 78.3 234.8
 158 96.9 48.5 145.5





#78

n-propylbenzene

Concen: 51.688 ug/l

RT: 11.35 min Scan# 1683

Delta R.T. 0.00 min

Lab File: VX015983.D

Acq: 29 Apr 2020 17:33

Instrument :

MSVOA_X

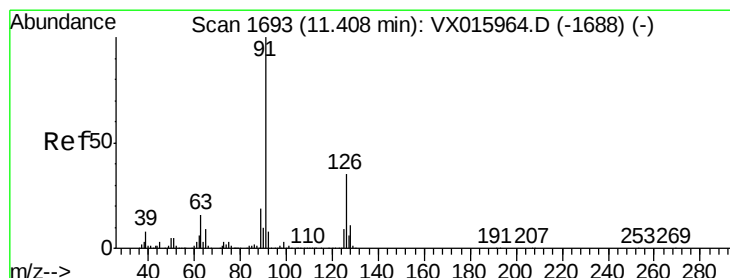
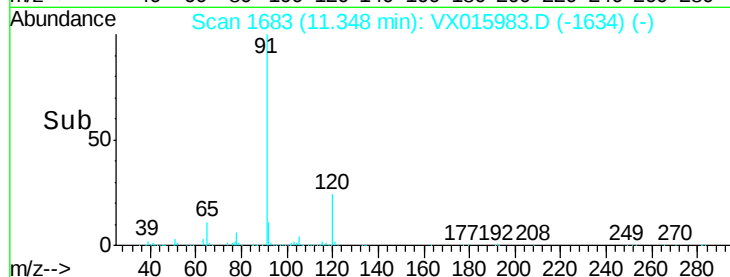
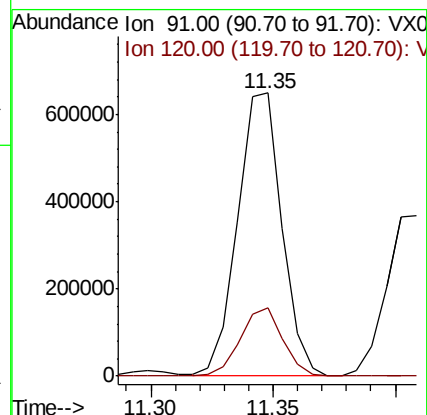
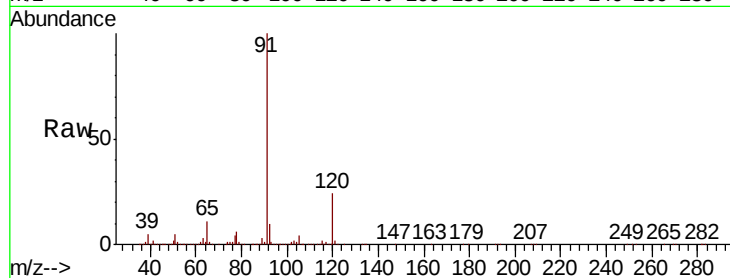
ClientSampleId :

Tot Ion: 91 Resp: 808590

Ion Ratio Lower Upper

91 100

120 23.1 11.8 35.3



#79

2-Chlorotoluene

Concen: 51.068 ug/l

RT: 11.41 min Scan# 1693

Delta R.T. 0.00 min

Lab File: VX015983.D

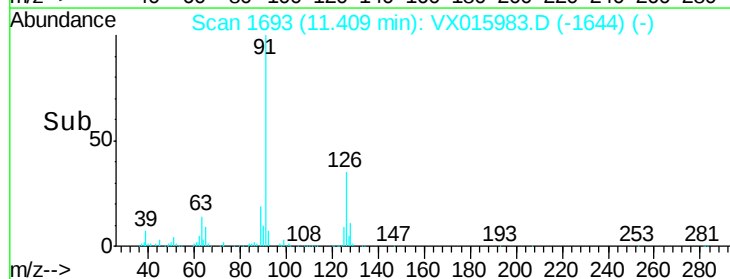
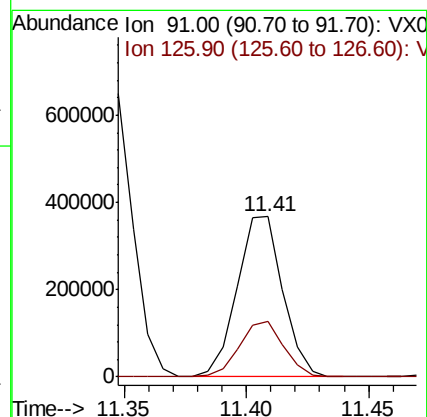
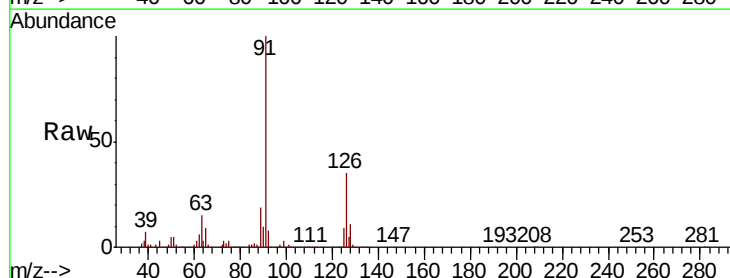
Acq: 29 Apr 2020 17:33

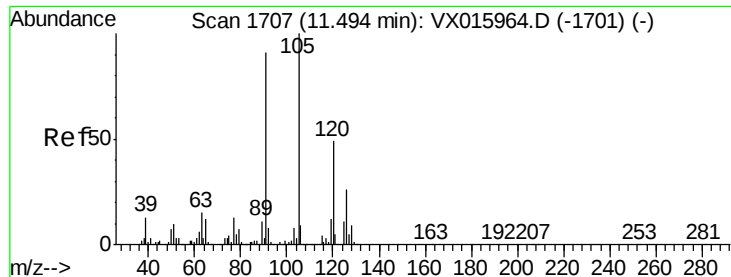
Tgt Ion: 91 Resp: 475981

Ion Ratio Lower Upper

91 100

126 33.8 17.0 51.0





#80

1,3,5-Trimethylbenzene

Concen: 52.250 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. 0.00 min

Lab File: VX015983.D

Acq: 29 Apr 2020 17:33

Instrument :

MSVOA_X

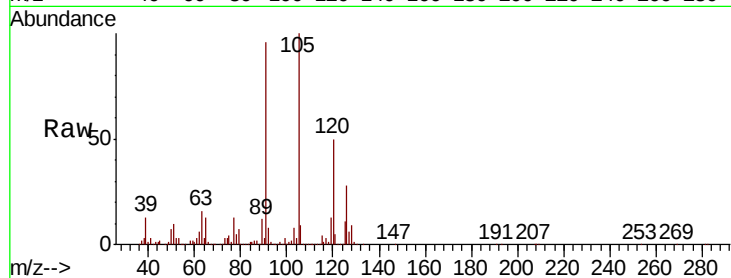
ClientSampleId :

Tot Ion:105 Resp: 598535

Ion Ratio Lower Upper

105 100

120 49.9 24.6 73.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

500000

400000

300000

200000

100000

0

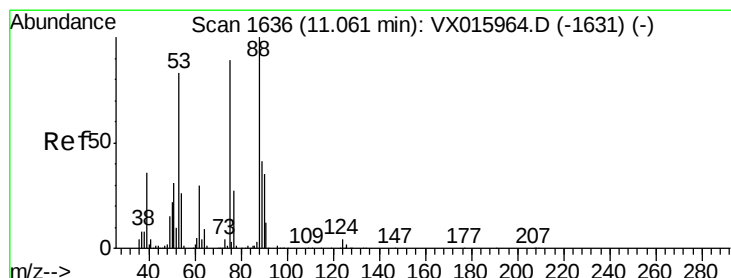
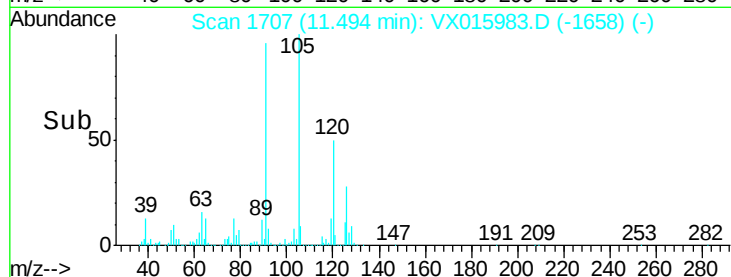
11.49

11.40

11.50

11.60

Time-->



#81

trans-1,4-Dichloro-2-butene

Concen: 50.254 ug/l

RT: 11.06 min Scan# 1636

Delta R.T. 0.00 min

Lab File: VX015983.D

Acq: 29 Apr 2020 17:33

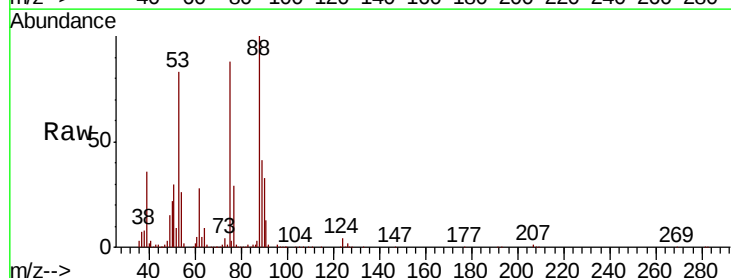
Tgt Ion: 75 Resp: 89200

Ion Ratio Lower Upper

75 100

53 98.1 78.3 117.5

89 46.4 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

100000

80000

60000

40000

20000

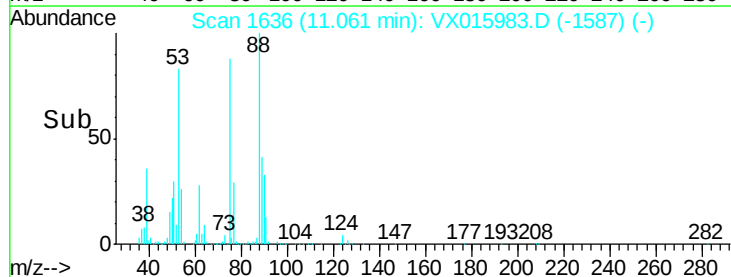
0

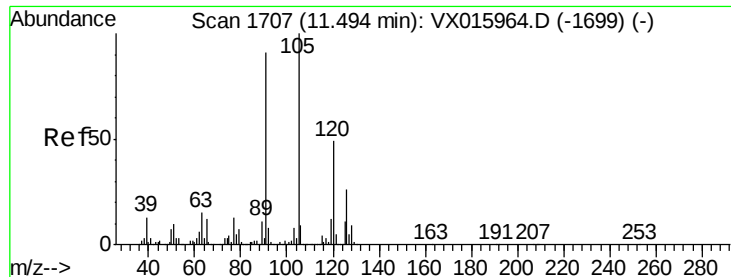
11.06

11.05

11.10

Time-->





#82

4-Chlorotoluene

Concen: 51.443 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. 0.00 min

Lab File: VX015983.D

Acq: 29 Apr 2020 17:33

Instrument :

MSVOA_X

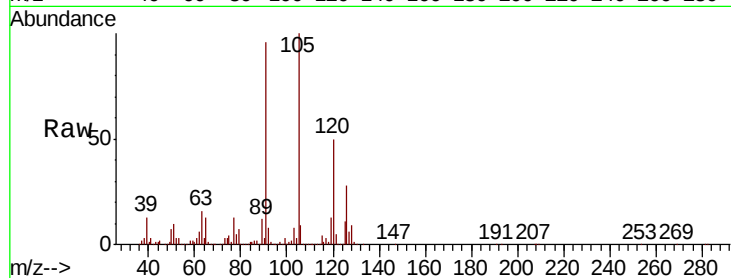
ClientSampleId :

Tot Ion: 91 Resp: 573466

Ion Ratio Lower Upper

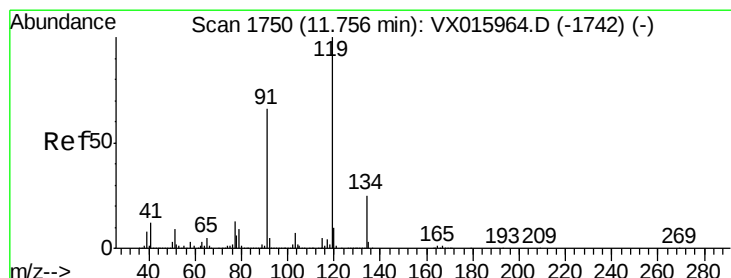
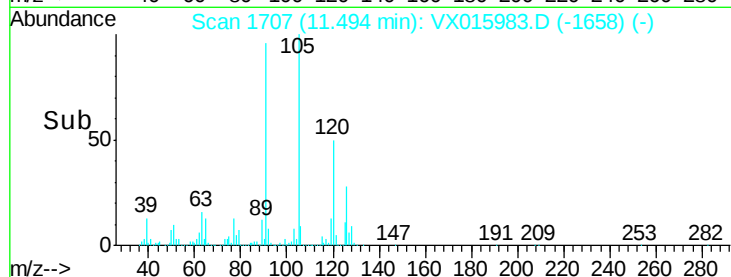
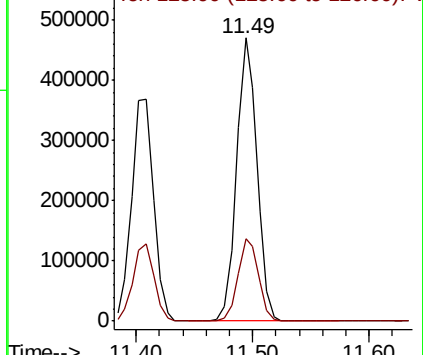
91 100

126 29.5 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: 52.698 ug/l

RT: 11.76 min Scan# 1750

Delta R.T. 0.00 min

Lab File: VX015983.D

Acq: 29 Apr 2020 17:33

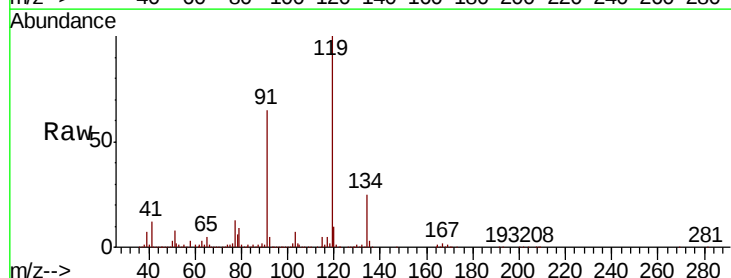
Tgt Ion: 119 Resp: 520501

Ion Ratio Lower Upper

119 100

91 64.8 33.5 100.4

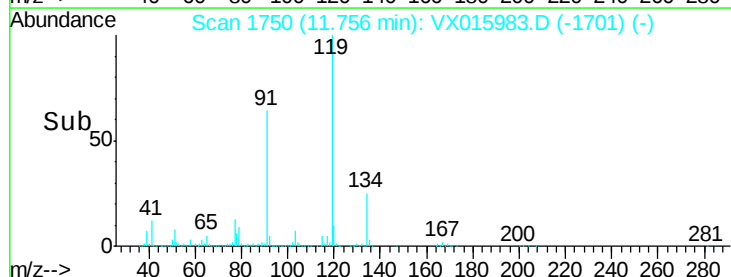
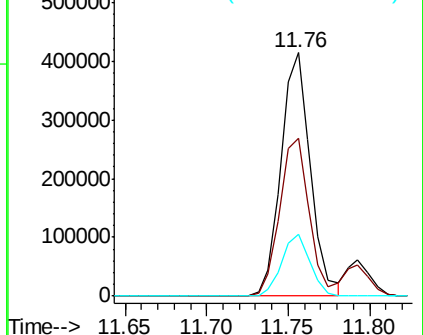
134 24.6 12.4 37.2

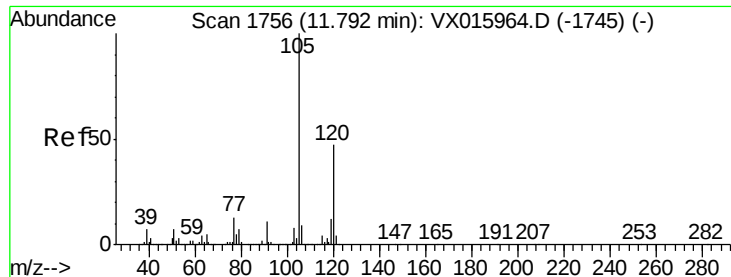


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VX0

Ion 134.00 (133.70 to 134.70): V





#84

1,2,4-Trimethylbenzene

Concen: 52.727 ug/l

RT: 11.79 min Scan# 1756

Delta R.T. 0.00 min

Lab File: VX015983.D

Acq: 29 Apr 2020 17:33

Instrument :

MSVOA_X

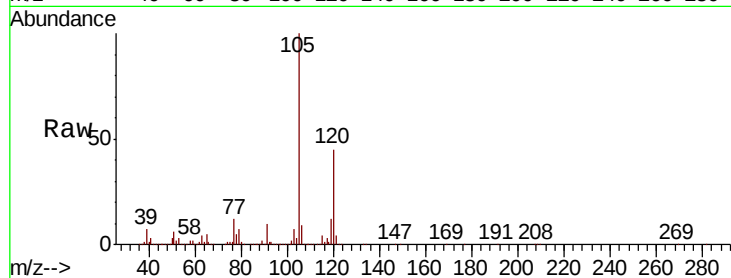
ClientSampleId :

Tot Ion:105 Resp: 607880

Ion Ratio Lower Upper

105 100

120 44.5 22.9 68.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

600000

500000

400000

300000

200000

100000

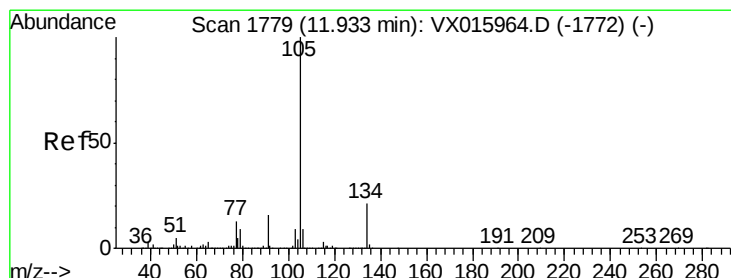
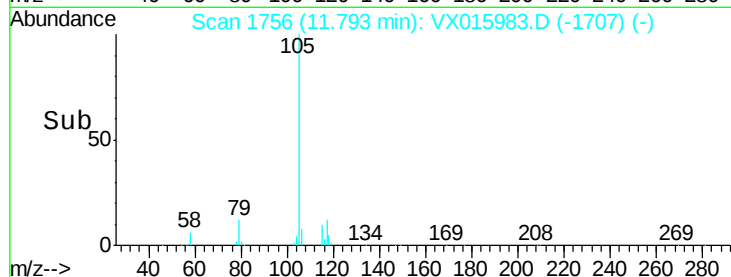
0

11.79

11.70

11.80

Time-->



#85

sec-Butylbenzene

Concen: 52.037 ug/l

RT: 11.93 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VX015983.D

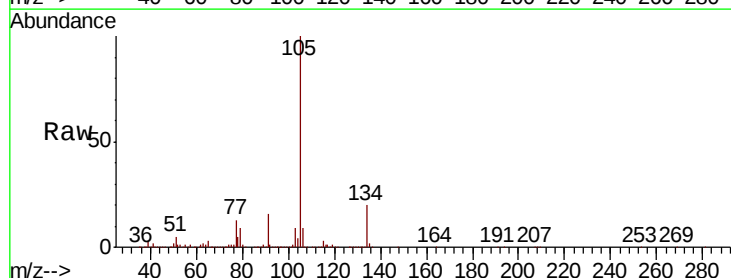
Acq: 29 Apr 2020 17:33

Tgt Ion:105 Resp: 692478

Ion Ratio Lower Upper

105 100

134 20.3 10.4 31.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

600000

500000

400000

300000

200000

100000

0

11.93

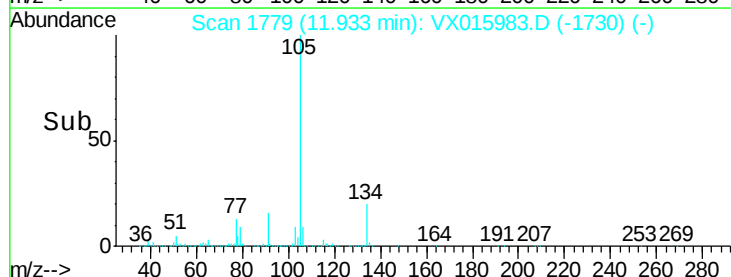
11.85

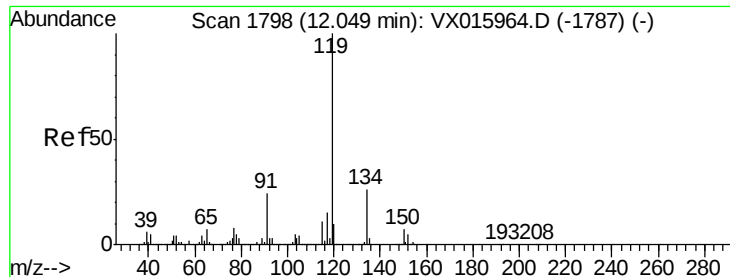
11.90

11.95

12.00

Time-->

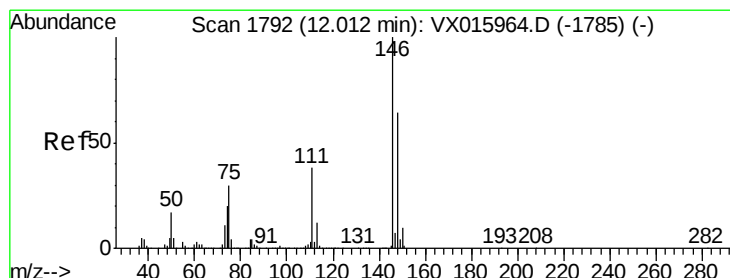
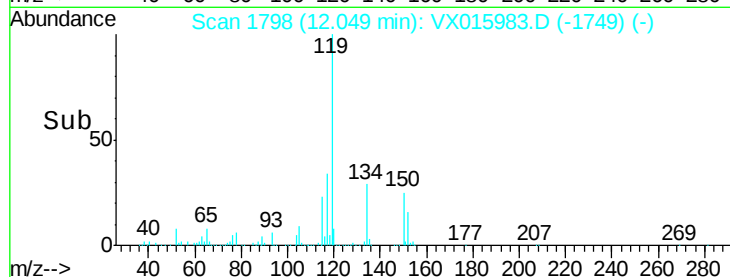
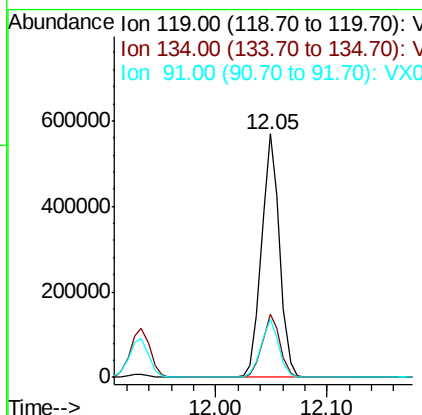
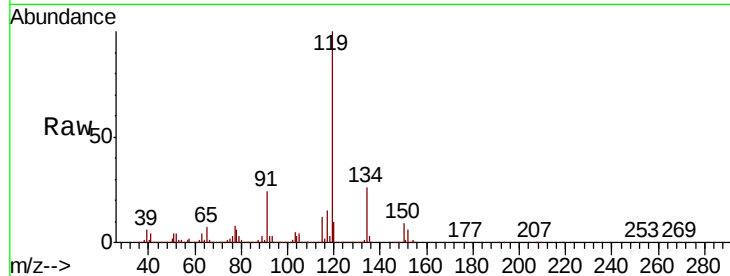




#86
p-Isopropyltoluene
Concen: 51.758 ug/l
RT: 12.05 min Scan# 1798
Delta R.T. 0.00 min
Lab File: VX015983.D
Acq: 29 Apr 2020 17:33

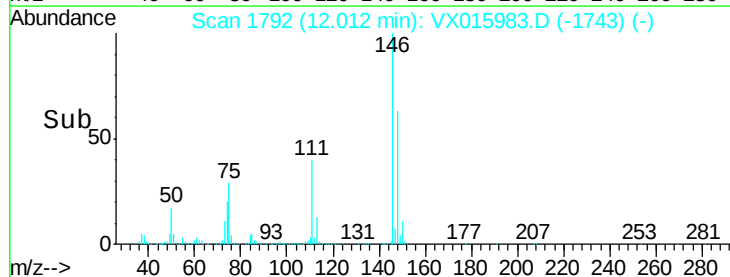
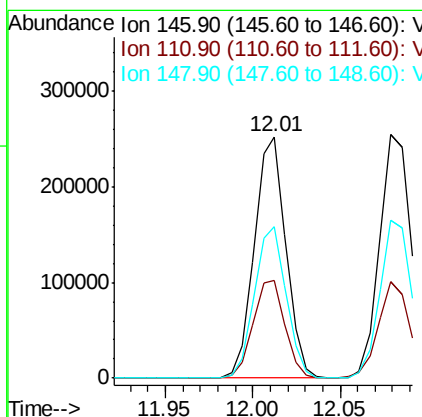
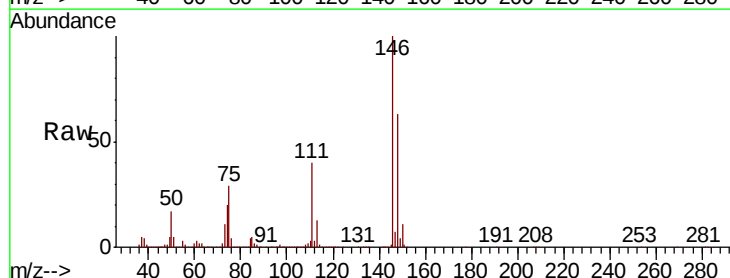
Instrument :
MSVOA_X
ClientSampleId :

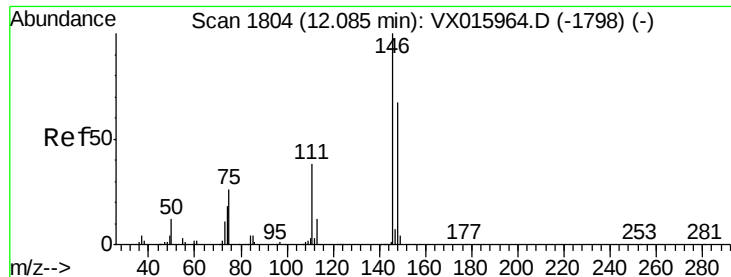
Tot Ion	Ratio	Lower	Upper
119	100		
134	25.8	13.0	39.0
91	23.7	11.9	35.9



#87
1,3-Dichlorobenzene
Concen: 49.430 ug/l
RT: 12.01 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX015983.D
Acq: 29 Apr 2020 17:33

Tgt Ion	Ratio	Lower	Upper
146	100		
111	41.0	19.6	58.8
148	63.2	32.0	96.0

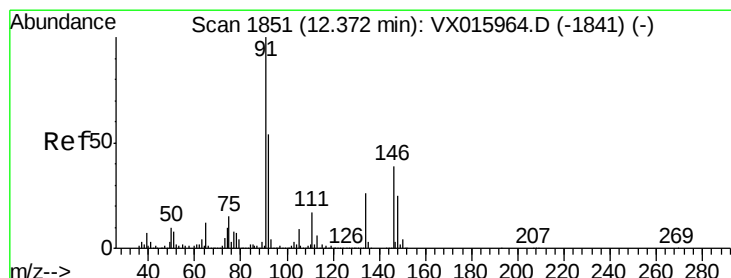
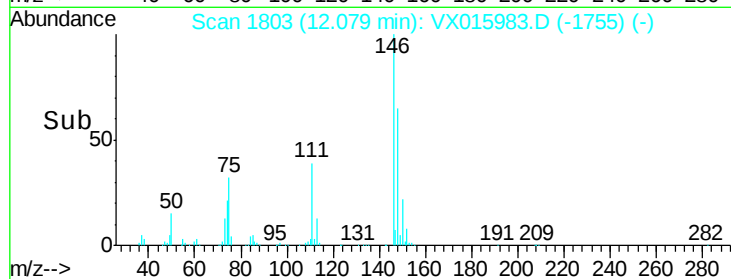
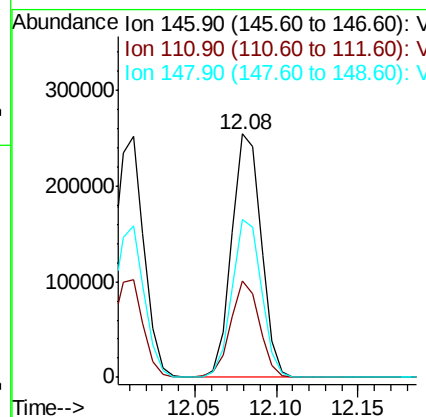
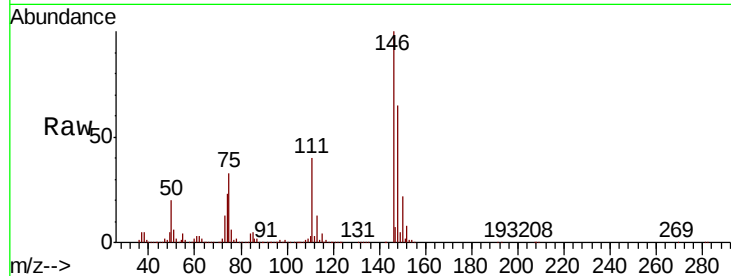




#88
 1,4-Dichlorobenzene
 Concen: 49.622 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. -0.01 min
 Lab File: VX015983.D
 Acq: 29 Apr 2020 17:33

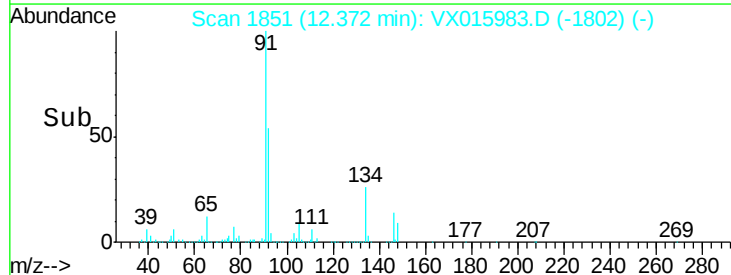
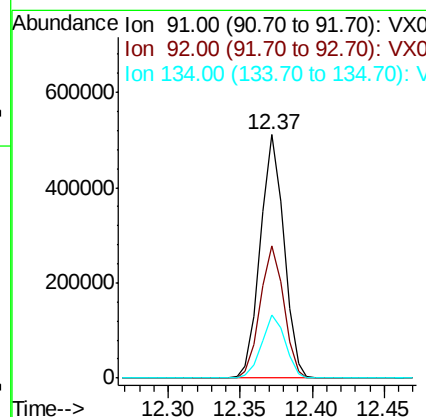
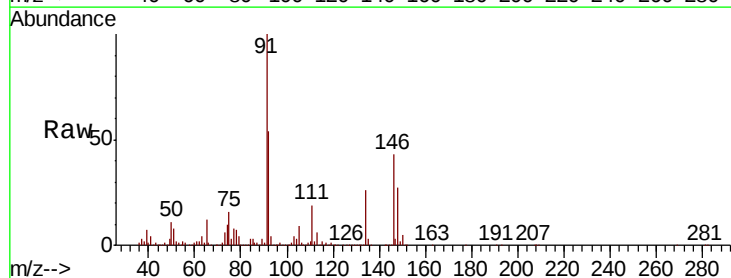
Instrument :
 MSVOA_X
 ClientSampleId :

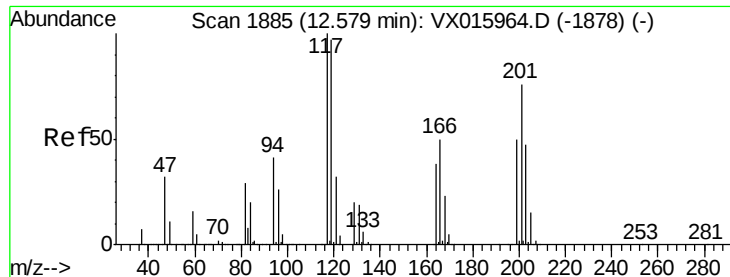
Tot Ion	Ratio	Lower	Upper
146	100		
111	38.8	19.7	59.0
148	64.5	32.8	98.4



#89
 n-Butylbenzene
 Concen: 51.017 ug/l
 RT: 12.37 min Scan# 1851
 Delta R.T. 0.00 min
 Lab File: VX015983.D
 Acq: 29 Apr 2020 17:33

Tgt Ion	Ratio	Lower	Upper
91	100		
92	54.2	27.1	81.3
134	26.1	13.3	39.8





#90

Hexachloroethane

Concen: 51.668 ug/l

RT: 12.58 min Scan# 1885

Delta R.T. 0.00 min

Lab File: VX015983.D

Acq: 29 Apr 2020 17:33

Instrument :

MSVOA_X

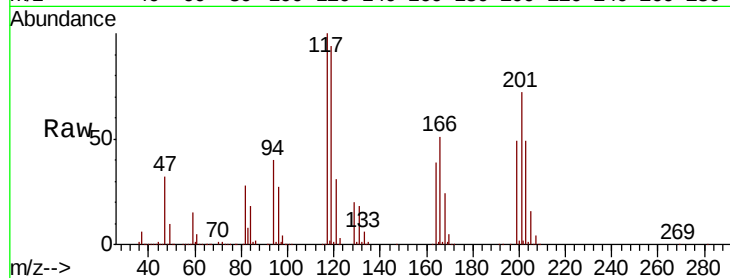
ClientSampleId :

Tot Ion:117 Resp: 113791

Ion Ratio Lower Upper

117 100

201 79.1 40.3 120.8



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V

12.58

80000

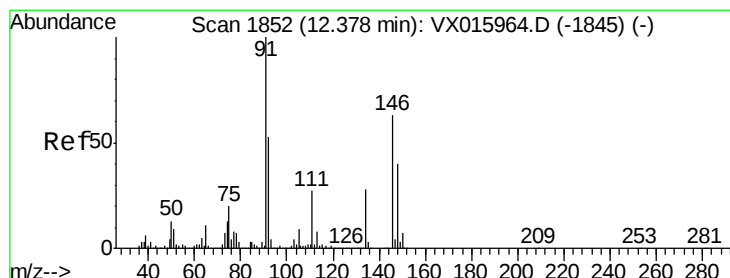
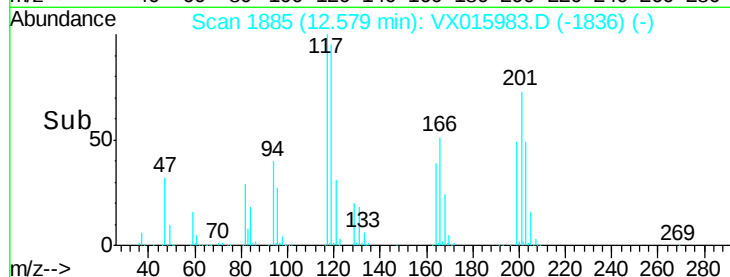
60000

40000

20000

0

Time--> 12.50 12.55 12.60



#91

1,2-Dichlorobenzene

Concen: 50.224 ug/l

RT: 12.38 min Scan# 1852

Delta R.T. 0.00 min

Lab File: VX015983.D

Acq: 29 Apr 2020 17:33

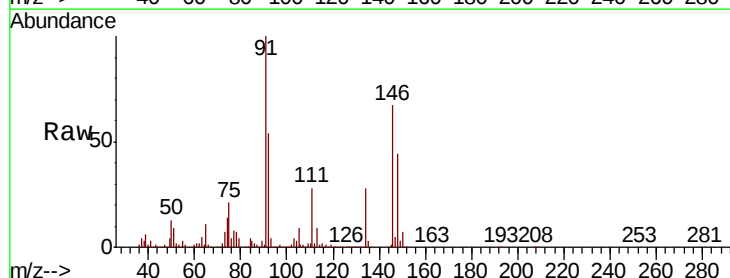
Tgt Ion:146 Resp: 306567

Ion Ratio Lower Upper

146 100

111 42.0 21.1 63.3

148 64.1 32.3 96.9



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

12.38

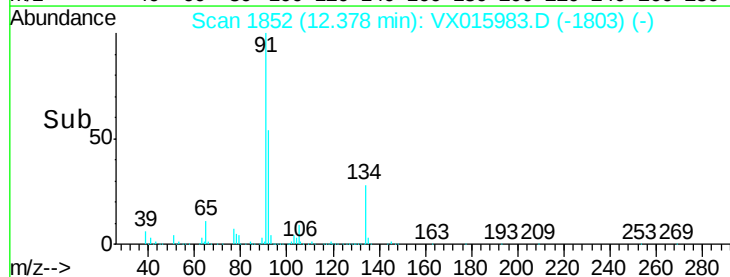
300000

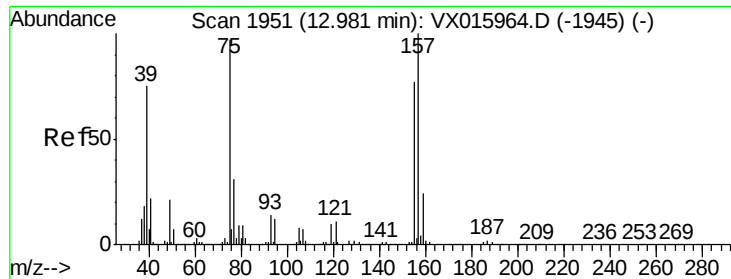
200000

100000

0

Time--> 12.30 12.40 12.50





#92

1,2-Dibromo-3-Chloropropane

Concen: 51.443 ug/l

RT: 12.98 min Scan# 1951

Delta R.T. 0.00 min

Lab File: VX015983.D

Acq: 29 Apr 2020 17:33

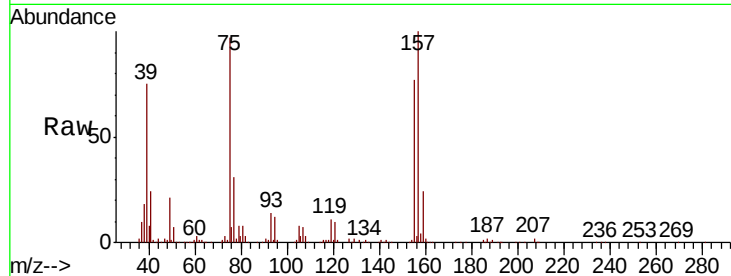
Instrument :

MSVOA_X

ClientSampleId :

Tot Ion: 75 Resp: 57755

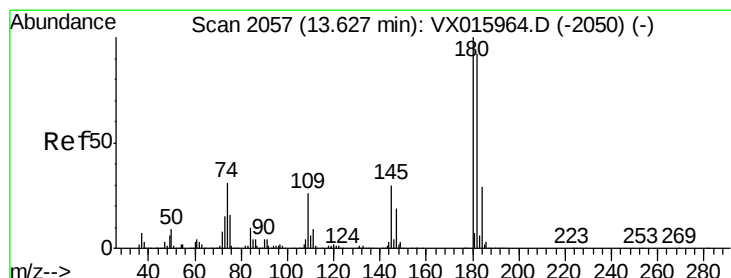
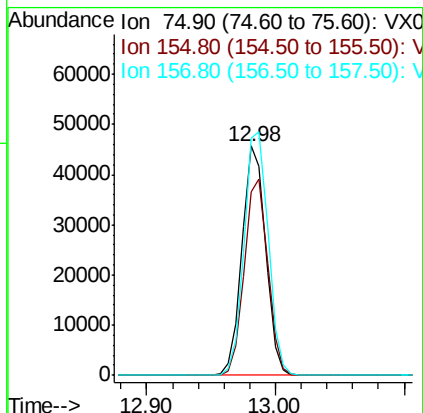
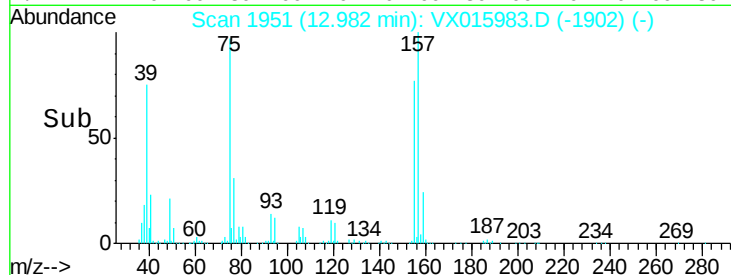
Ion	Ratio	Lower	Upper
75	100		
155	84.8	42.5	127.6
157	107.3	56.0	168.2



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V



#93

1,2,4-Trichlorobenzene

Concen: 47.667 ug/l

RT: 13.63 min Scan# 2057

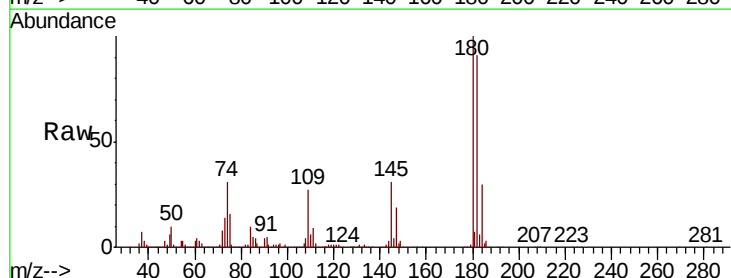
Delta R.T. 0.00 min

Lab File: VX015983.D

Acq: 29 Apr 2020 17:33

Tgt Ion:180 Resp: 218384

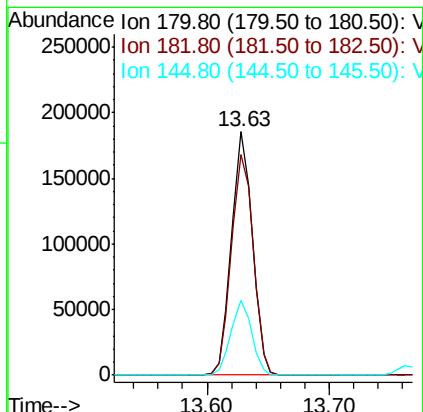
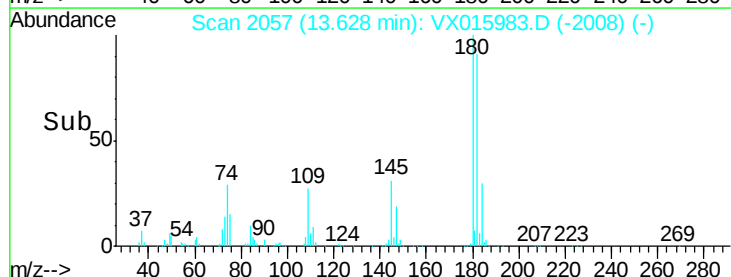
Ion	Ratio	Lower	Upper
180	100		
182	94.9	46.9	140.6
145	30.7	14.7	44.1

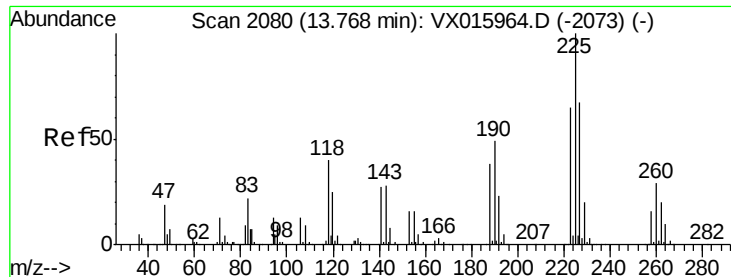


Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V





#94

Hexachlorobutadiene

Concen: 45.858 ug/l

RT: 13.76 min Scan# 2079

Delta R.T. -0.01 min

Lab File: VX015983.D

Acq: 29 Apr 2020 17:33

Instrument :

MSVOA_X

ClientSampleId :

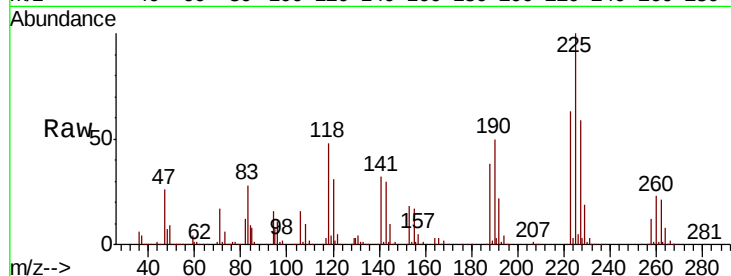
Tot Ion:225 Resp: 93870

Ion Ratio Lower Upper

225 100

223 62.5 32.0 96.0

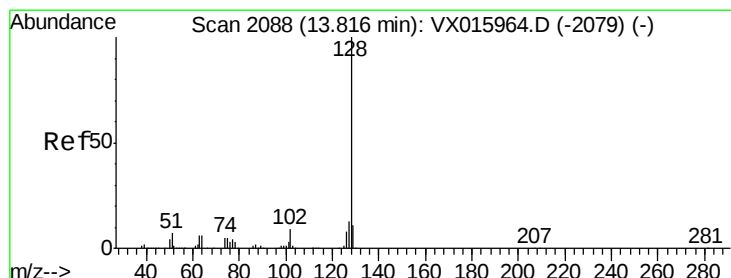
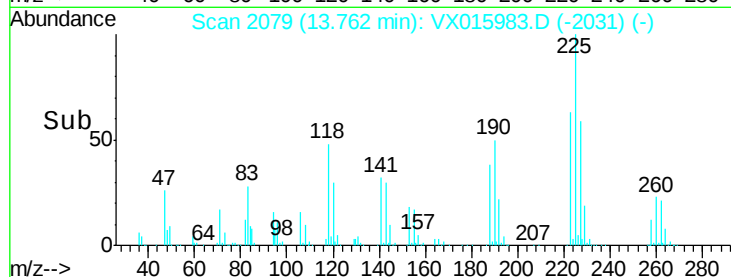
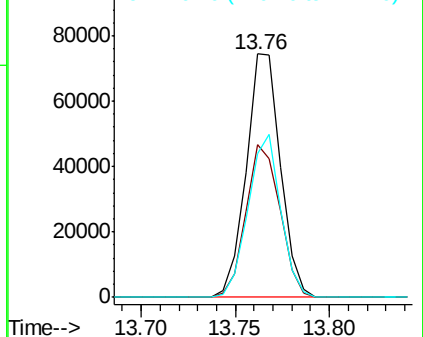
227 63.6 33.0 99.0



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: 50.964 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. 0.00 min

Lab File: VX015983.D

Acq: 29 Apr 2020 17:33

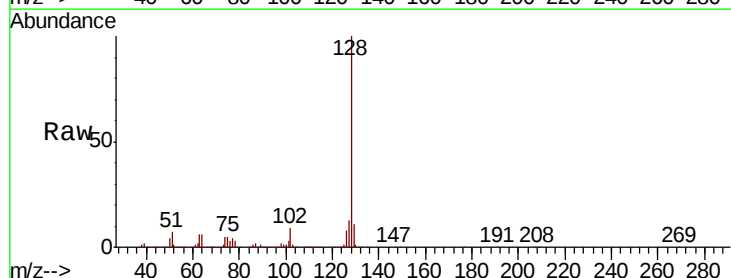
Tgt Ion:128 Resp: 736432

Ion Ratio Lower Upper

128 100

127 13.0 10.4 15.6

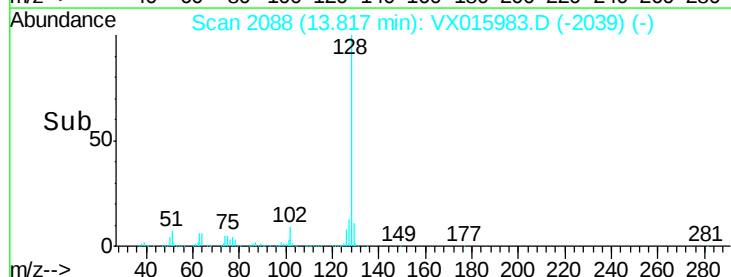
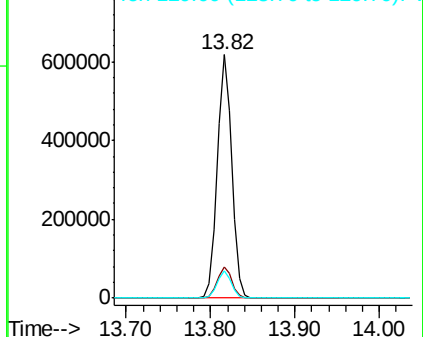
129 11.0 8.7 13.1

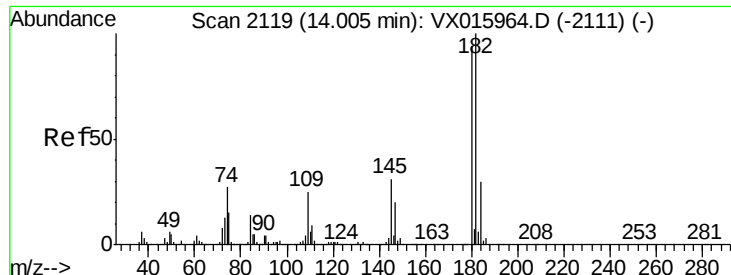


Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V





#96

1,2,3-Trichlorobenzene

Concen: 50.015 ug/l

RT: 14.01 min Scan# 2119

Delta R.T. 0.00 min

Lab File: VX015983.D

Acq: 29 Apr 2020 17:33

Instrument :

MSVOA_X

ClientSampleId :

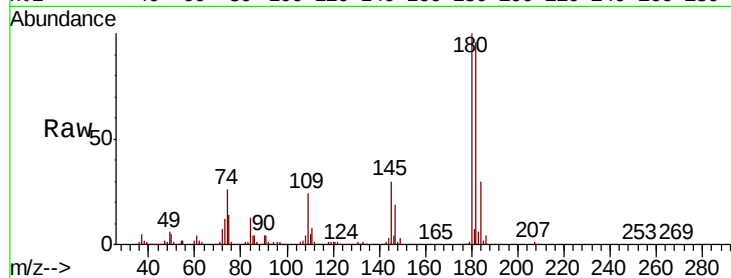
Tot Ion:180 Resp: 220642

Ion Ratio Lower Upper

180 100

182 94.7 48.7 146.1

145 31.5 16.1 48.3



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

