

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX040120\
 Data File : VX015458.D
 Acq On : 01 Apr 2020 10:27
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Apr 02 09:05:19 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X032720W.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 27 09:35:51 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.62	168	1128679	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	1711992	50.00	ug/l	-0.01
63) Chlorobenzene-d5	10.10	117	1541335	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	823592	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	742416	46.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.28%	
35) Dibromofluoromethane	5.47	113	543918	49.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.40%	
50) Toluene-d8	8.70	98	2003817	49.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.46%	
62) 4-Bromofluorobenzene	11.12	95	826063	50.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.90%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	583353	58.665	ug/l	99
3) Chloromethane	1.31	50	639127	50.470	ug/l	98
4) Vinyl Chloride	1.39	62	619470	53.275	ug/l	100
5) Bromomethane	1.62	94	269241	50.276	ug/l	99
6) Chloroethane	1.70	64	376713	52.237	ug/l	99
7) Trichlorofluoromethane	1.91	101	884394	56.714	ug/l	100
8) Diethyl Ether	2.17	74	334320	50.829	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.36	101	584899	57.536	ug/l	99
10) Methyl Iodide	2.49	142	719795	52.517	ug/l	100
11) Tert butyl alcohol	3.01	59	824713	216.446	ug/l	99
12) 1,1-Dichloroethene	2.36	96	574577	53.921	ug/l	97
13) Acrolein	2.27	56	634966	292.545	ug/l	98
14) Allyl chloride	2.70	41	1320498	53.035	ug/l	98
15) Acrylonitrile	3.11	53	1732148	238.377	ug/l	99
16) Acetone	2.42	43	1780763	260.381	ug/l	98
17) Carbon Disulfide	2.55	76	1714031	52.729	ug/l	99
18) Methyl Acetate	2.75	43	833618	47.757	ug/l	99
19) Methyl tert-butyl Ether	3.16	73	2107813	51.002	ug/l	99
20) Methylene Chloride	2.83	84	646129	50.580	ug/l	99
21) trans-1,2-Dichloroethene	3.14	96	616201	52.105	ug/l	96
22) Diisopropyl ether	3.82	45	2333145	52.882	ug/l	98
23) Vinyl Acetate	3.78	43	10271527	257.133	ug/l	99
24) 1,1-Dichloroethane	3.67	63	1196357	51.501	ug/l	100
25) 2-Butanone	4.63	43	2644558	240.443	ug/l	97
26) 2,2-Dichloropropane	4.55	77	1110832	58.258	ug/l	98
27) cis-1,2-Dichloroethene	4.56	96	709550	51.860	ug/l	96
28) Bromochloromethane	4.98	49	554298	49.977	ug/l	98
29) Tetrahydrofuran	5.08	42	1618671	228.925	ug/l	100
30) Chloroform	5.17	83	1167701	52.248	ug/l	97
31) Cyclohexane	5.55	56	1127547	55.953	ug/l	99
32) 1,1,1-Trichloroethane	5.46	97	1090140	53.898	ug/l	100
36) 1,1-Dichloropropene	5.77	75	896887	56.858	ug/l	100
37) Ethyl Acetate	4.79	43	1011542	49.250	ug/l	100
38) Carbon Tetrachloride	5.75	117	964818	56.472	ug/l	96

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 ClientSampleId :

Quant Time: Apr 02 09:05:19 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X032720W.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 27 09:35:51 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	1117243	61.429	ug/l	100
40) Benzene	6.11	78	2552404	55.239	ug/l	98
41) Methacrylonitrile	5.00	41	580637	50.926	ug/l	99
42) 1,2-Dichloroethane	6.16	62	1010100	54.423	ug/l	99
43) Isopropyl Acetate	6.41	43	1776591	51.240	ug/l	100
44) Trichloroethene	7.18	130	712196	56.516	ug/l	96
45) 1,2-Dichloropropane	7.49	63	684165	54.126	ug/l	98
46) Dibromomethane	7.64	93	453023	54.635	ug/l	99
47) Bromodichloromethane	7.87	83	976159	55.250	ug/l	98
48) Methyl methacrylate	7.75	41	896615	51.773	ug/l	100
49) 1,4-Dioxane	7.72	88	328425	1016.570	ug/l	98
51) 4-Methyl-2-Pentanone	8.62	43	4938094	251.311	ug/l	99
52) Toluene	8.76	92	1617457	56.778	ug/l	97
53) t-1,3-Dichloropropene	9.02	75	1123283	54.209	ug/l	98
54) cis-1,3-Dichloropropene	8.42	75	1190708	56.410	ug/l	98
55) 1,1,2-Trichloroethane	9.20	97	636446	54.530	ug/l	98
56) Ethyl methacrylate	9.16	69	1097519	53.357	ug/l	100
57) 1,3-Dichloropropane	9.36	76	1106984	52.642	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	2966263	296.475	ug/l	99
59) 2-Hexanone	9.47	43	3946538	266.032	ug/l	100
60) Dibromochloromethane	9.56	129	766930	54.684	ug/l	99
61) 1,2-Dibromoethane	9.65	107	680078	53.588	ug/l	100
64) Tetrachloroethene	9.32	164	676213	58.133	ug/l	98
65) Chlorobenzene	10.12	112	1746966	56.832	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.20	131	685364	55.810	ug/l	99
67) Ethyl Benzene	10.23	91	3135809	57.519	ug/l	99
68) m/p-Xylenes	10.34	106	2367001	116.597	ug/l	99
69) o-Xylene	10.68	106	1152686	57.460	ug/l	100
70) Styrene	10.70	104	2002120	56.717	ug/l	99
71) Bromoform	10.84	173	593943	53.129	ug/l #	97
73) Isopropylbenzene	11.00	105	3042632	56.383	ug/l	98
74) N-amyl acetate	10.88	43	1562047	52.045	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	964490	52.087	ug/l	100
76) 1,2,3-Trichloropropane	11.28	75	1195602	70.593	ug/l	83
77) Bromobenzene	11.24	156	785585	54.577	ug/l	99
78) n-propylbenzene	11.34	91	3586422	58.122	ug/l	100
79) 2-Chlorotoluene	11.40	91	2133684	56.415	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	2658749	57.690	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.06	75	371550	52.639	ug/l	97
82) 4-Chlorotoluene	11.49	91	2536829	57.216	ug/l	98
83) tert-Butylbenzene	11.76	119	2596548	57.680	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	2686523	57.204	ug/l	100
85) sec-Butylbenzene	11.93	105	3096653	59.479	ug/l	100
86) p-Isopropyltoluene	12.05	119	2903521	60.073	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	1473592	57.186	ug/l	98
88) 1,4-Dichlorobenzene	12.08	146	1439302	54.836	ug/l	99
89) n-Butylbenzene	12.37	91	2668157	61.088	ug/l	99
90) Hexachloroethane	12.58	117	538375	57.229	ug/l	100
91) 1,2-Dichlorobenzene	12.38	146	1402143	55.601	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	244648	46.811	ug/l	100

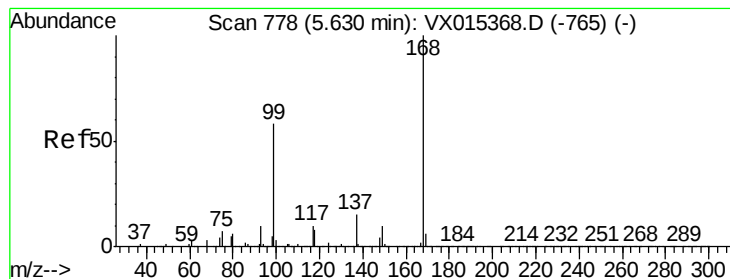
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX040120\
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Quant Title : SW846 8260
QLast Update : Fri Mar 27 09:35:51 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	1133178	56.809	ug/l	99
94) Hexachlorobutadiene	13.77	225	538944	56.749	ug/l	97
95) Naphthalene	13.82	128	3252652	53.458	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	1088202	56.663	ug/l	97

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.62 min Scan# 777

Delta R.T. -0.01 min

Lab File: VX015458.D

Acq: 01 Apr 2020 10:27

Instrument :

MSVOA_X

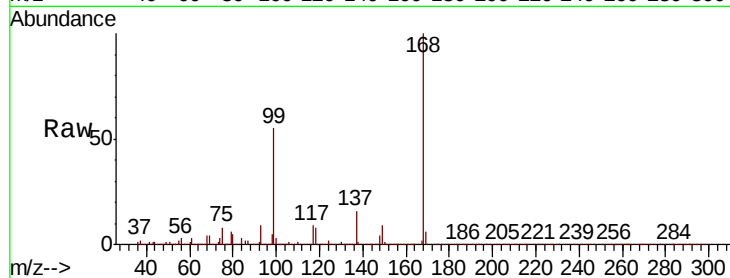
ClientSampleId :

Tot Ion:168 Resp: 1128679

Ion Ratio Lower Upper

168 100

99 54.8 46.4 69.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.62

400000

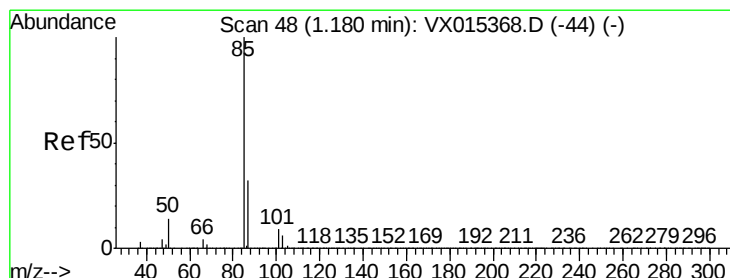
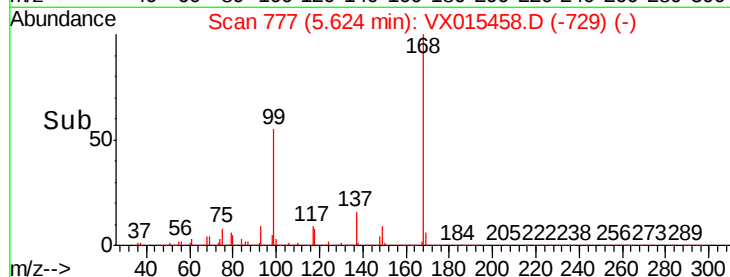
300000

200000

100000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 58.665 ug/l

RT: 1.18 min Scan# 48

Delta R.T. -0.00 min

Lab File: VX015458.D

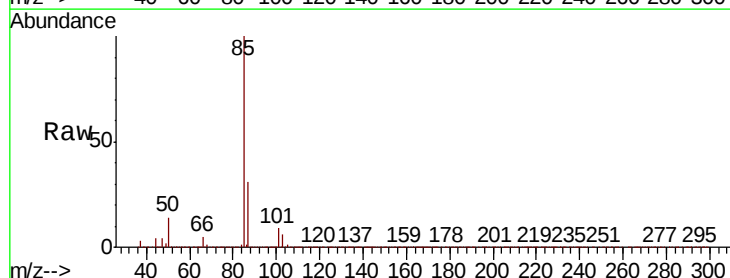
Acq: 01 Apr 2020 10:27

Tgt Ion: 85 Resp: 583353

Ion Ratio Lower Upper

85 100

87 31.1 16.0 47.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.18

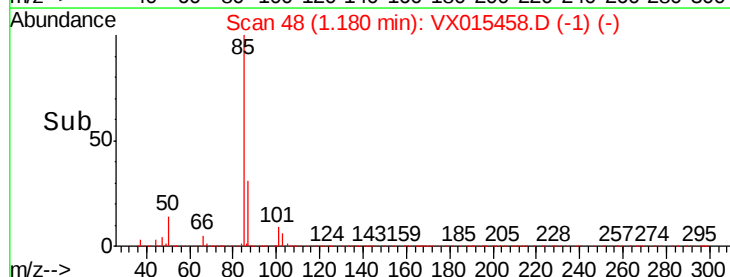
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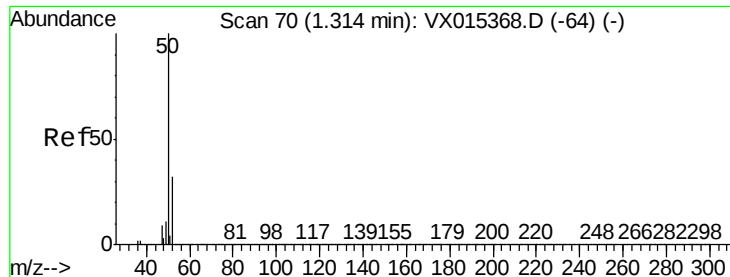
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200000

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Time-->

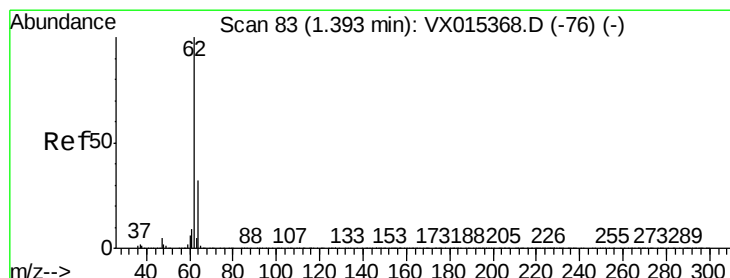
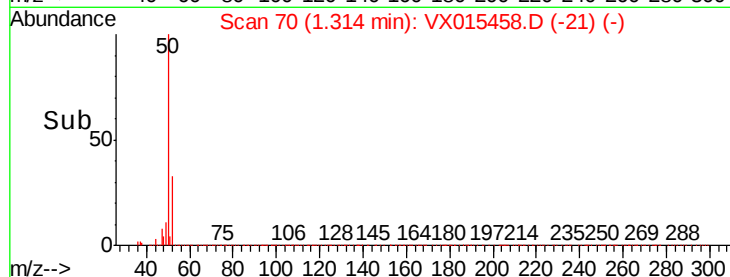
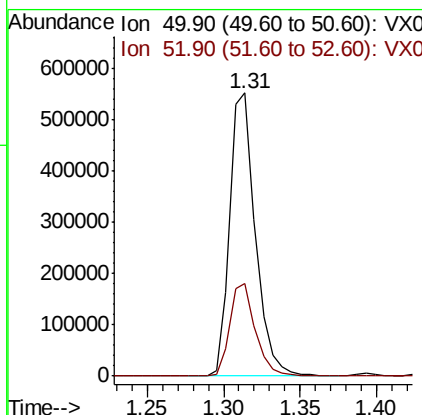
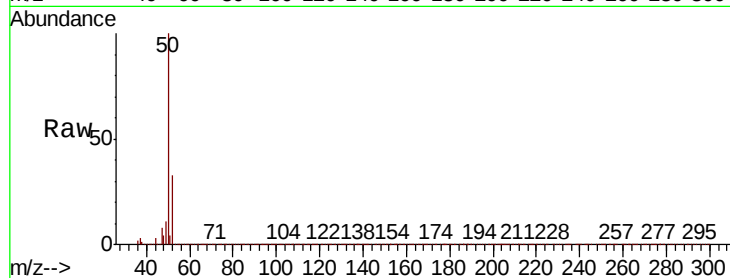




#3
Chloromethane
Concen: 50.470 ug/l
RT: 1.31 min Scan# 70
Delta R.T. -0.00 min
Lab File: VX015458.D
Acq: 01 Apr 2020 10:27

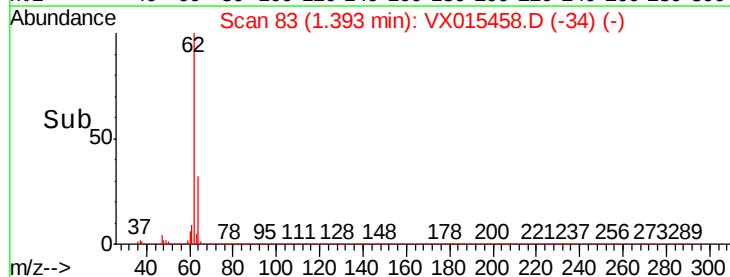
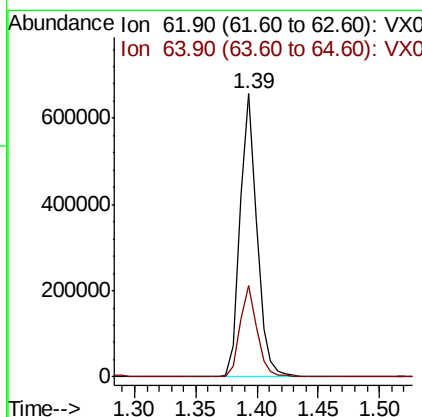
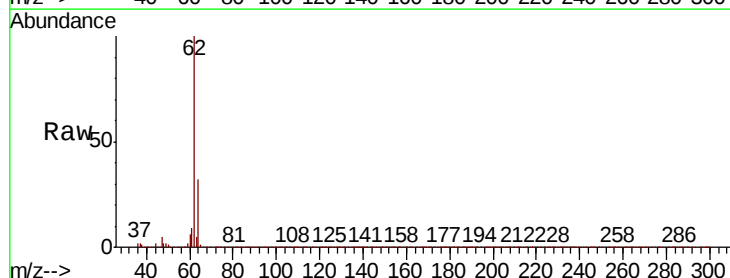
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 50 Resp: 639127
Ion Ratio Lower Upper
50 100
52 32.6 25.3 37.9



#4
Vinyl Chloride
Concen: 53.275 ug/l
RT: 1.39 min Scan# 83
Delta R.T. -0.00 min
Lab File: VX015458.D
Acq: 01 Apr 2020 10:27

Tgt Ion: 62 Resp: 619470
Ion Ratio Lower Upper
62 100
64 32.3 26.0 39.0





#5

Bromomethane

Concen: 50.276 ug/l

RT: 1.62 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX015458.D

Acq: 01 Apr 2020 10:27

Instrument :

MSVOA_X

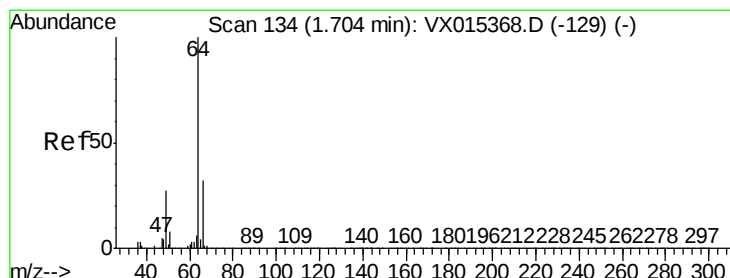
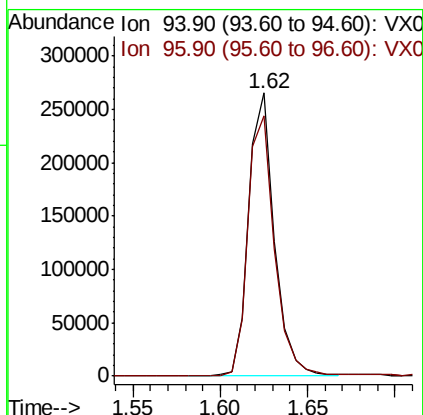
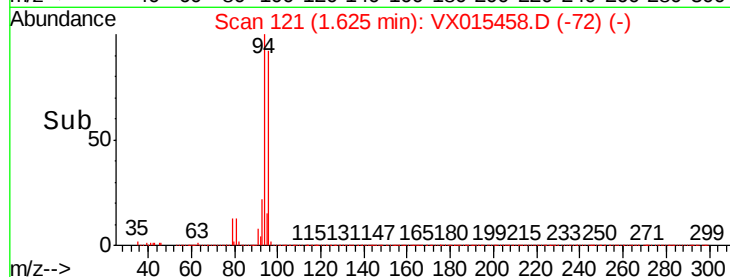
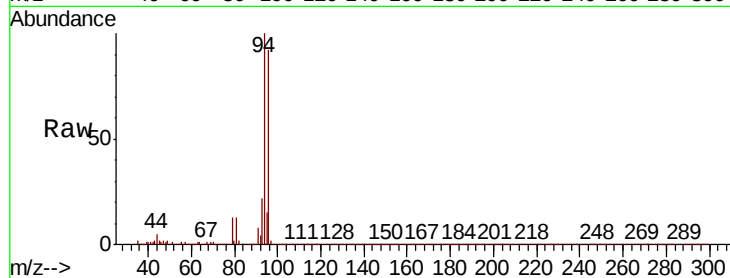
ClientSampleId :

Tot Ion: 94 Resp: 269241

Ion Ratio Lower Upper

94 100

96 92.1 74.8 112.2



#6

Chloroethane

Concen: 52.237 ug/l

RT: 1.70 min Scan# 134

Delta R.T. -0.00 min

Lab File: VX015458.D

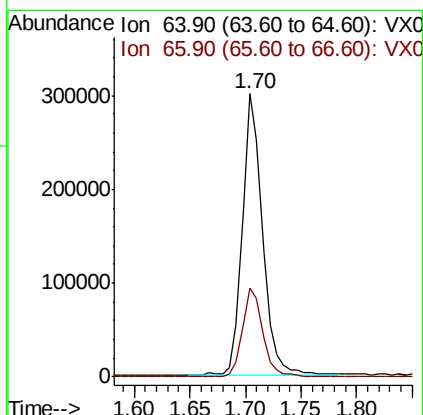
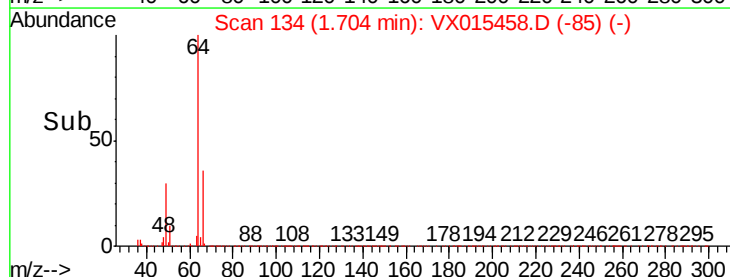
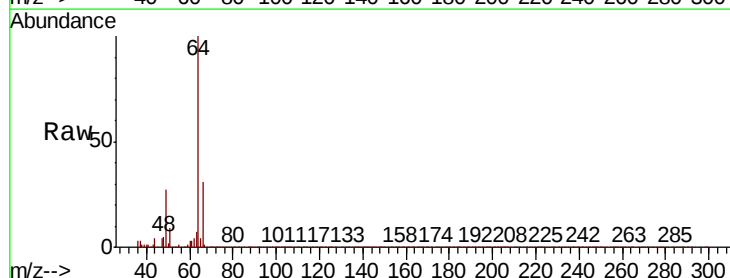
Acq: 01 Apr 2020 10:27

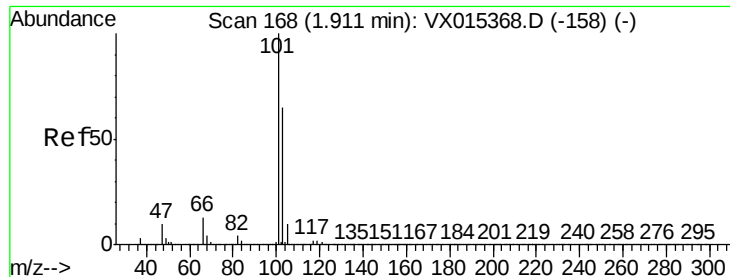
Tgt Ion: 64 Resp: 376713

Ion Ratio Lower Upper

64 100

66 31.3 25.4 38.2



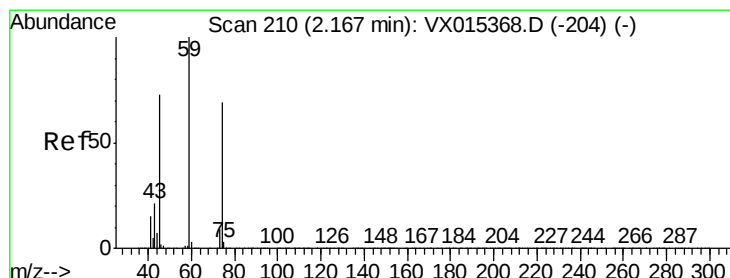
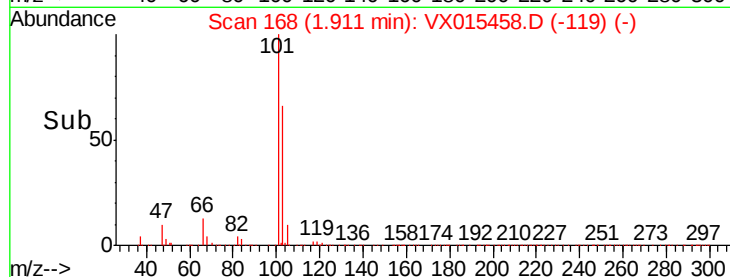
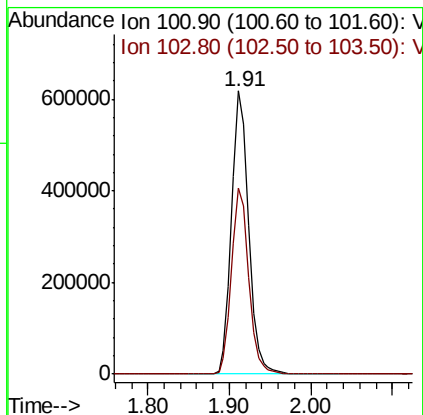
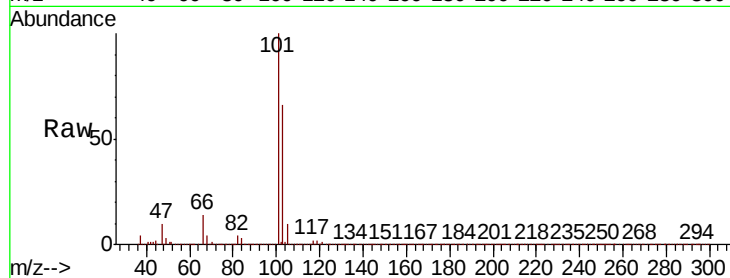


#7

Trichlorofluoromethane
Concen: 56.714 ug/l
RT: 1.91 min Scan# 168
Delta R.T. -0.00 min
Lab File: VX015458.D
Acq: 01 Apr 2020 10:27

Instrument :
MSVOA_X
ClientSampleId :

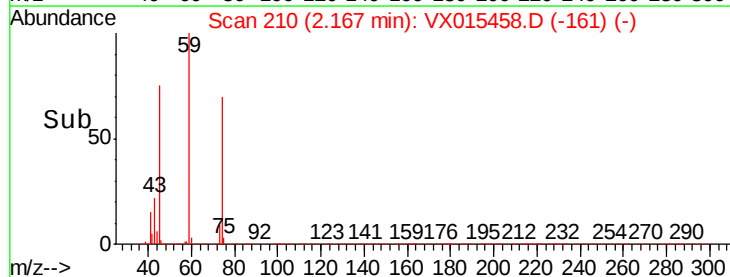
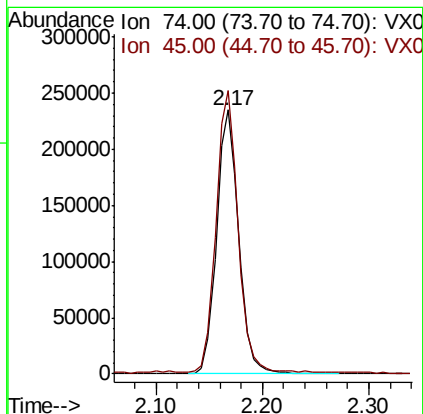
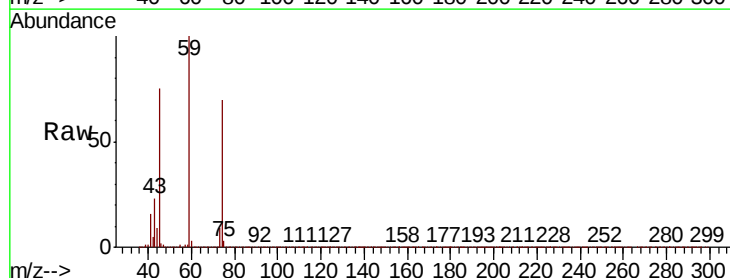
Tot Ion:101 Resp: 884394
Ion Ratio Lower Upper
101 100
103 65.7 52.3 78.5

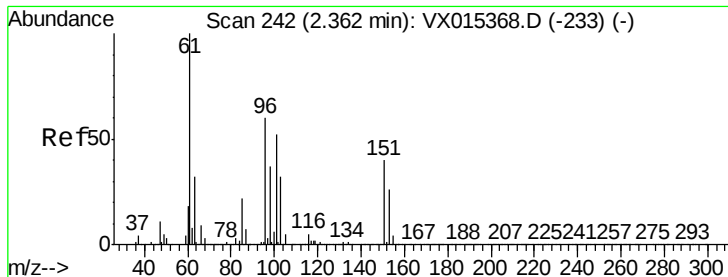


#8

Diethyl Ether
Concen: 50.829 ug/l
RT: 2.17 min Scan# 210
Delta R.T. -0.00 min
Lab File: VX015458.D
Acq: 01 Apr 2020 10:27

Tgt Ion: 74 Resp: 334320
Ion Ratio Lower Upper
74 100
45 108.5 53.8 161.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 57.536 ug/l

RT: 2.36 min Scan# 242

Delta R.T. -0.00 min

Lab File: VX015458.D

Acq: 01 Apr 2020 10:27

Instrument :

MSVOA_X

ClientSampleId :

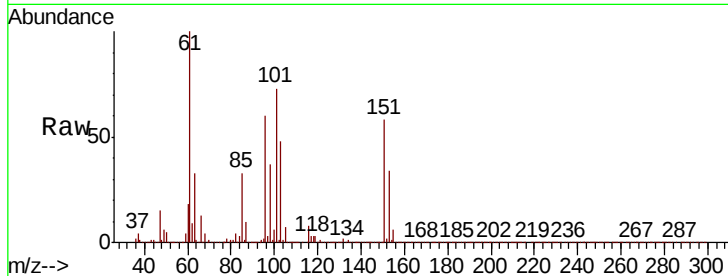
Tot Ion:101 Resp: 584899

Ion Ratio Lower Upper

101 100

85 45.5 35.0 52.4

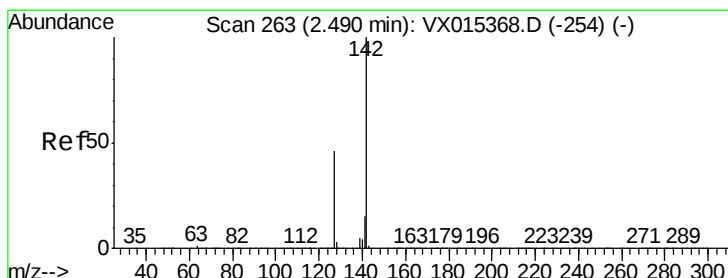
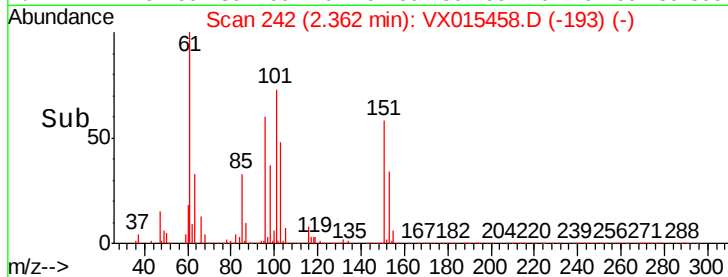
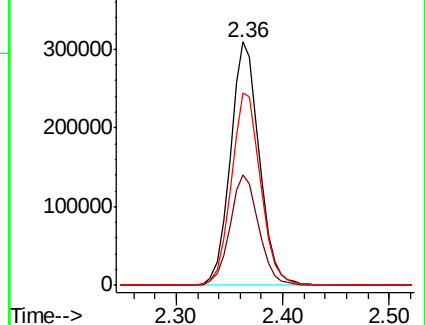
151 80.8 64.1 96.1



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 52.517 ug/l

RT: 2.49 min Scan# 263

Delta R.T. -0.00 min

Lab File: VX015458.D

Acq: 01 Apr 2020 10:27

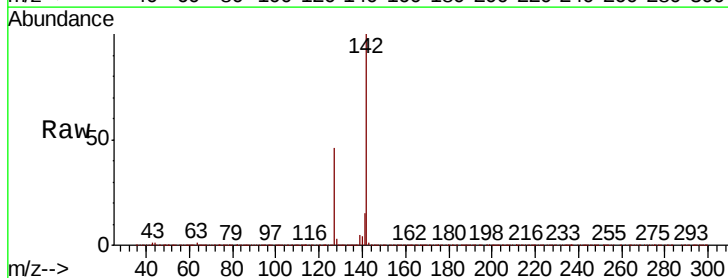
Tgt Ion:142 Resp: 719795

Ion Ratio Lower Upper

142 100

127 45.1 35.9 53.9

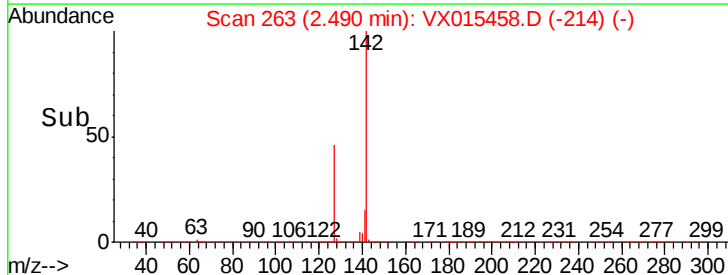
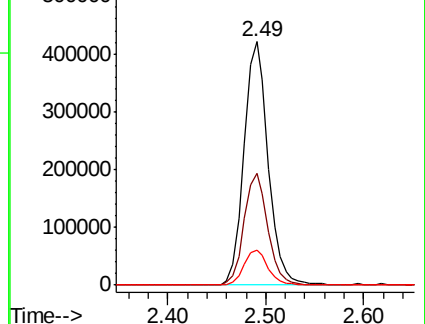
141 14.4 11.6 17.4

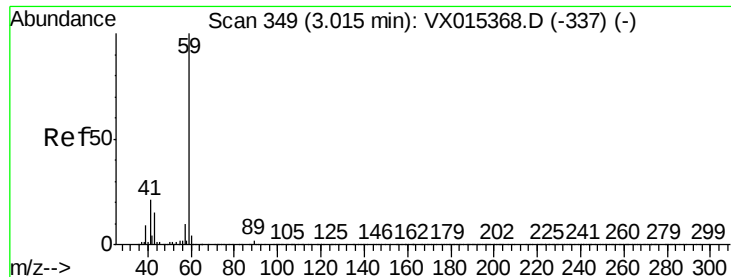


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

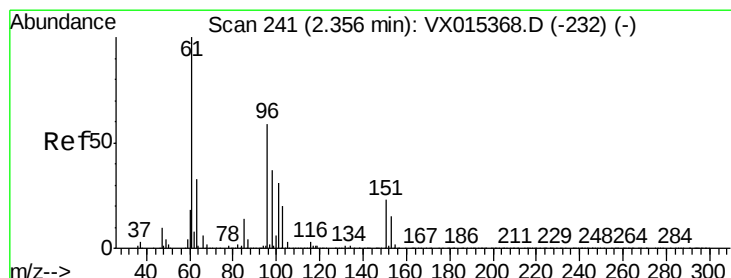
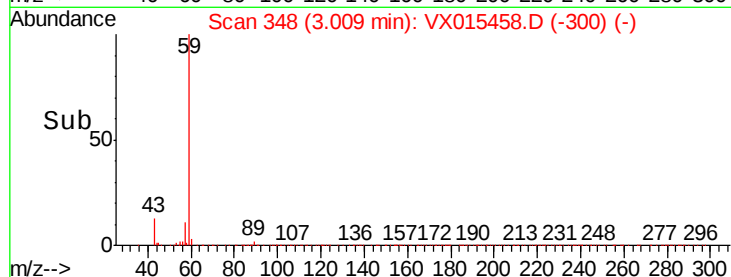
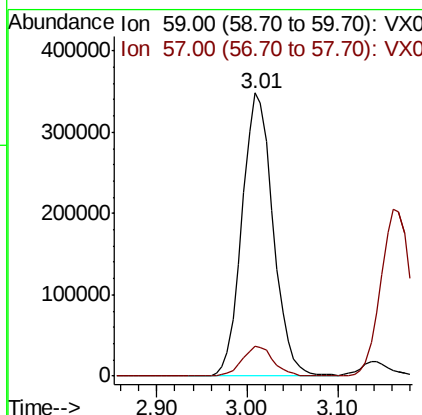
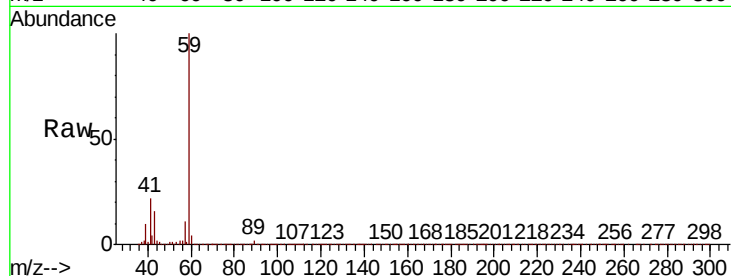




#11
Tert butyl alcohol
Concen: 216.446 ug/l
RT: 3.01 min Scan# 348
Delta R.T. -0.01 min
Lab File: VX015458.D
Acq: 01 Apr 2020 10:27

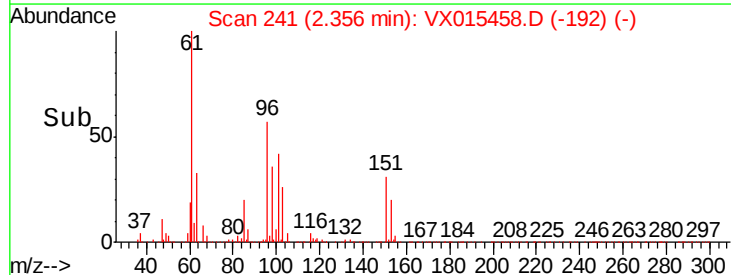
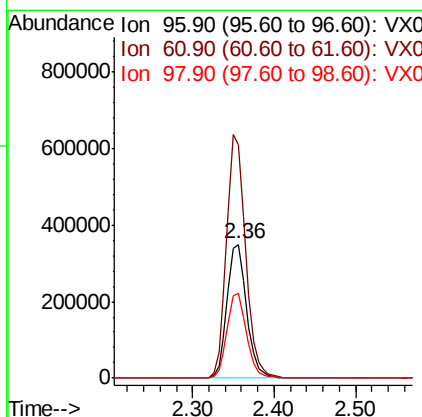
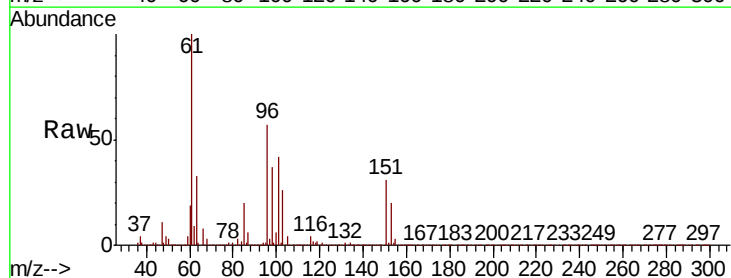
Instrument :
MSVOA_X
ClientSampleId :

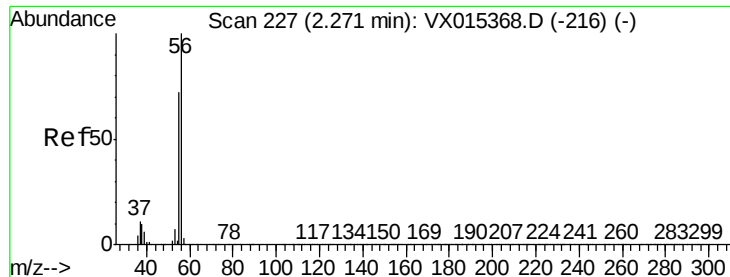
Tot Ion: 59 Resp: 824713
Ion Ratio Lower Upper
59 100
57 10.3 8.1 12.1



#12
1,1-Dichloroethene
Concen: 53.921 ug/l
RT: 2.36 min Scan# 241
Delta R.T. -0.00 min
Lab File: VX015458.D
Acq: 01 Apr 2020 10:27

Tgt Ion: 96 Resp: 574577
Ion Ratio Lower Upper
96 100
61 174.4 135.7 203.5
98 63.7 50.6 75.8





#13

Acrolein

Concen: 292.545 ug/l

RT: 2.27 min Scan# 227

Delta R.T. -0.00 min

Lab File: VX015458.D

Acq: 01 Apr 2020 10:27

Instrument :

MSVOA_X

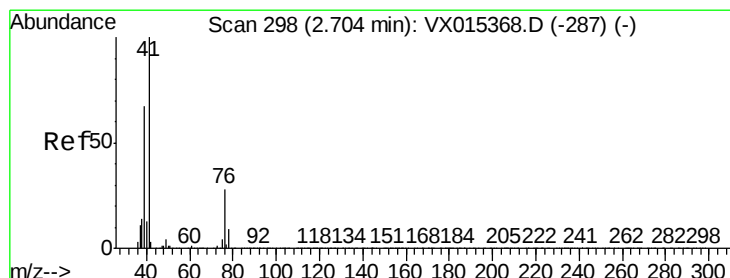
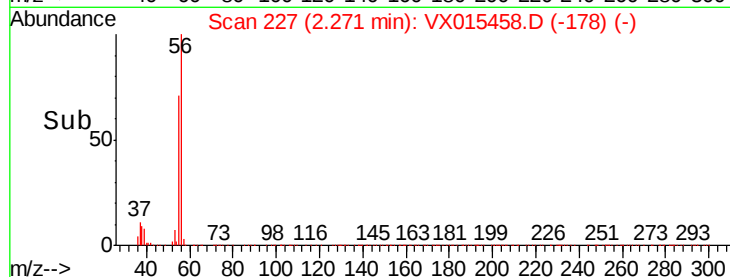
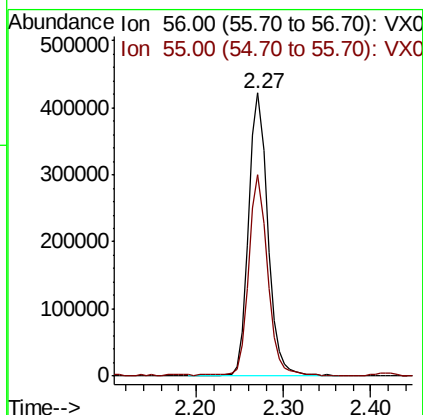
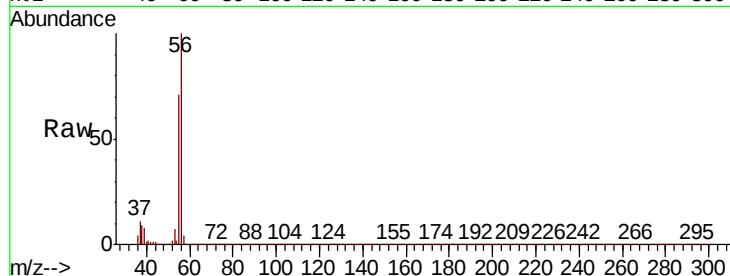
ClientSampleId :

Tot Ion: 56 Resp: 634966

Ion Ratio Lower Upper

56 100

55 69.8 57.0 85.4



#14

Allyl chloride

Concen: 53.035 ug/l

RT: 2.70 min Scan# 298

Delta R.T. -0.00 min

Lab File: VX015458.D

Acq: 01 Apr 2020 10:27

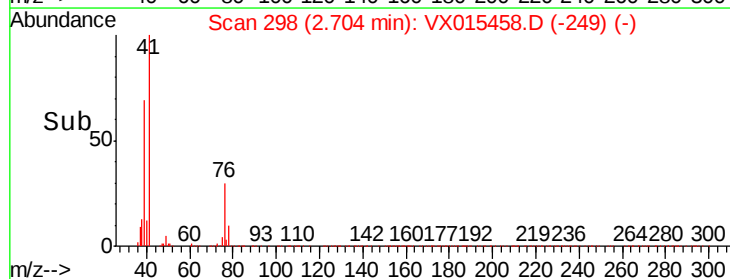
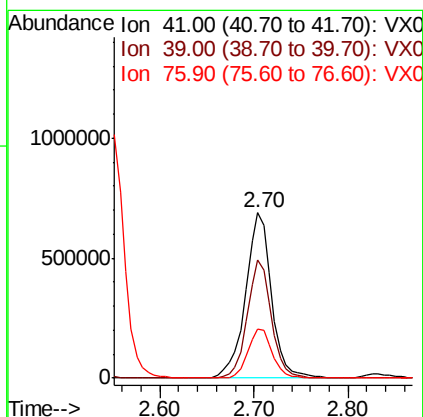
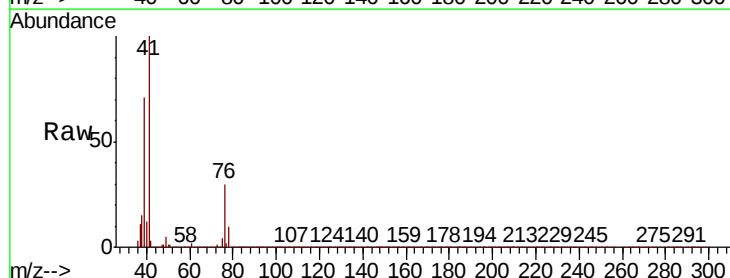
Tgt Ion: 41 Resp: 1320498

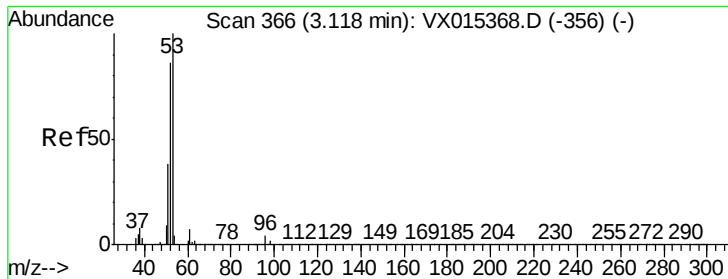
Ion Ratio Lower Upper

41 100

39 66.5 51.4 77.0

76 27.7 21.8 32.8





#15

Acrylonitrile

Concen: 238.377 ug/l

RT: 3.11 min Scan# 365

Delta R.T. -0.01 min

Lab File: VX015458.D

Acq: 01 Apr 2020 10:27

Instrument :

MSVOA_X

ClientSampled :

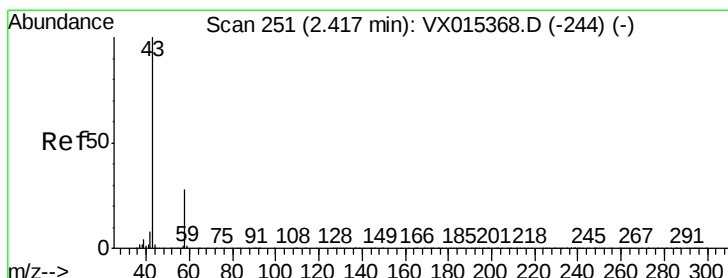
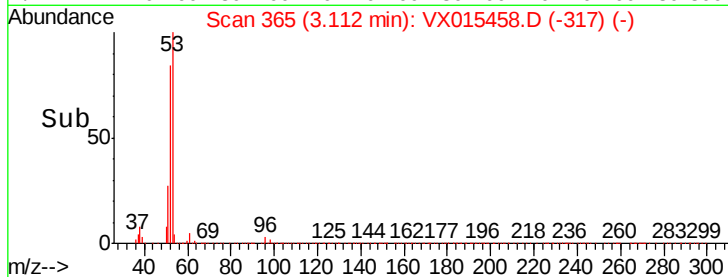
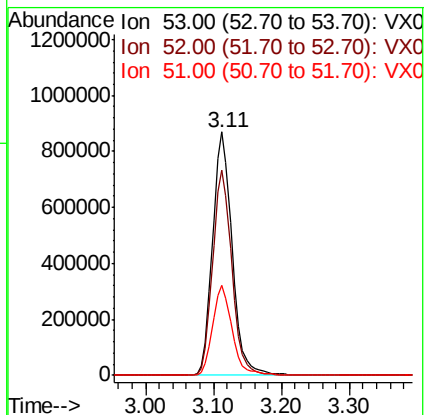
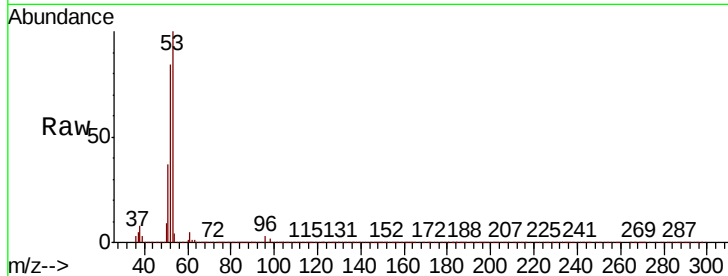
Tot Ion: 53 Resp: 1732148

Ion Ratio Lower Upper

53 100

52 82.9 66.8 100.2

51 37.2 29.5 44.3



#16

Acetone

Concen: 260.381 ug/l

RT: 2.42 min Scan# 251

Delta R.T. -0.00 min

Lab File: VX015458.D

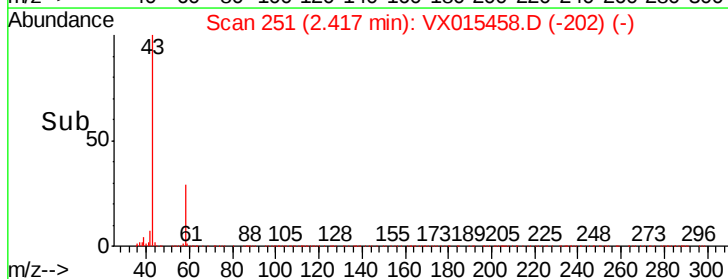
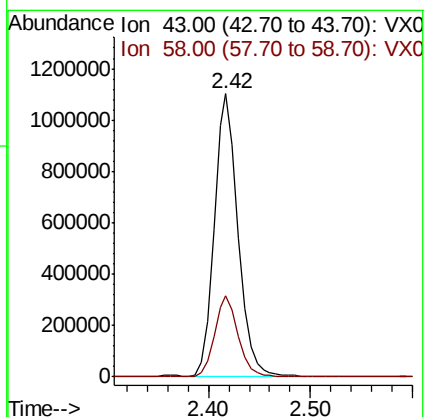
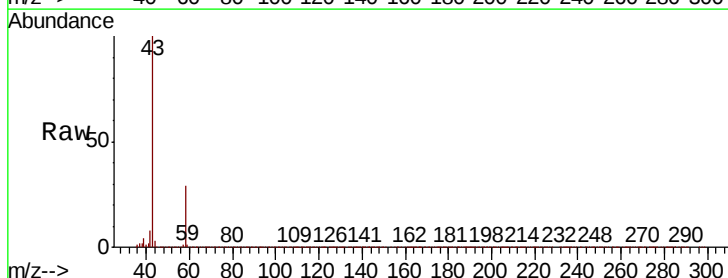
Acq: 01 Apr 2020 10:27

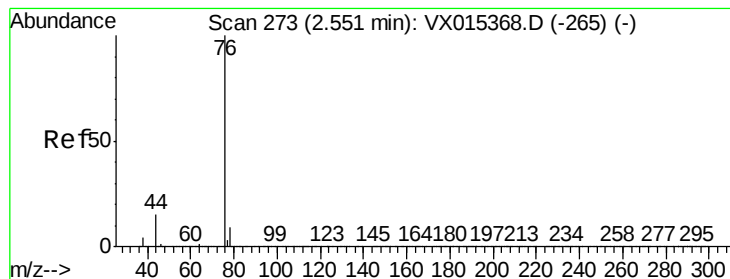
Tgt Ion: 43 Resp: 1780763

Ion Ratio Lower Upper

43 100

58 28.6 22.1 33.1





#17

Carbon Disulfide

Concen: 52.729 ug/l

RT: 2.55 min Scan# 273

Delta R.T. -0.00 min

Lab File: VX015458.D

Acq: 01 Apr 2020 10:27

Instrument :

MSVOA_X

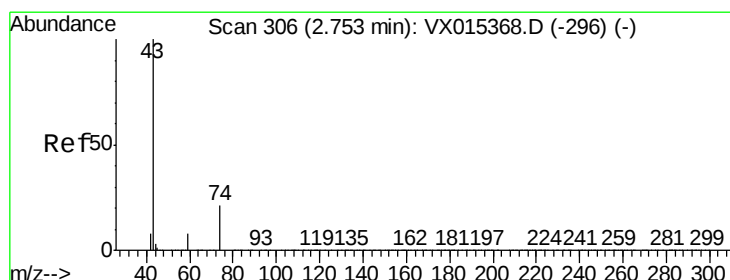
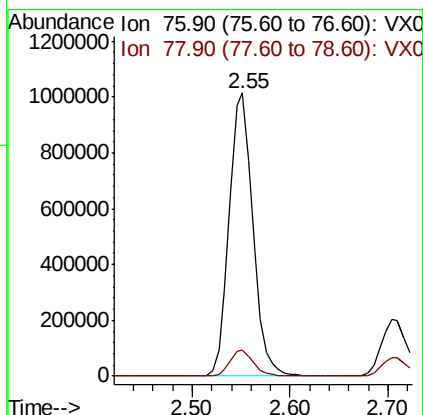
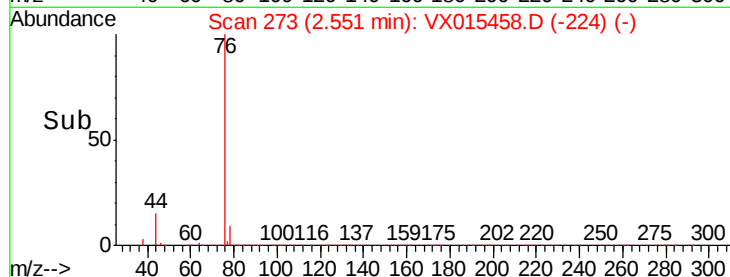
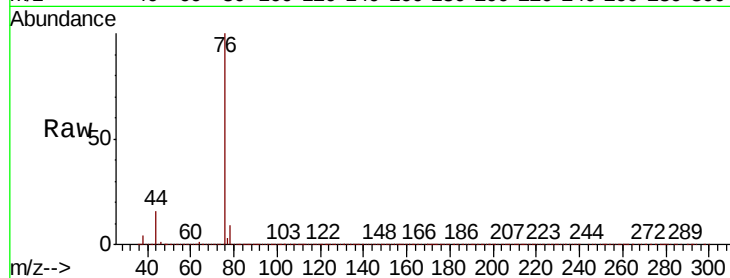
ClientSampleId :

Tot Ion: 76 Resp: 1714031

Ion Ratio Lower Upper

76 100

78 9.4 7.1 10.7



#18

Methyl Acetate

Concen: 47.757 ug/l

RT: 2.75 min Scan# 305

Delta R.T. -0.01 min

Lab File: VX015458.D

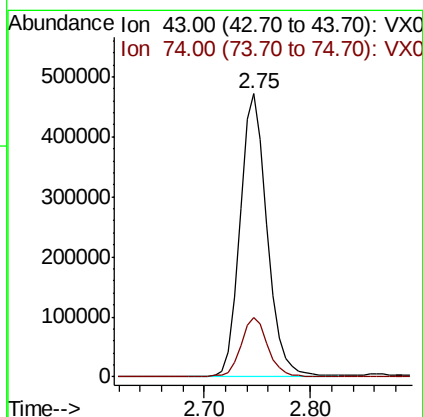
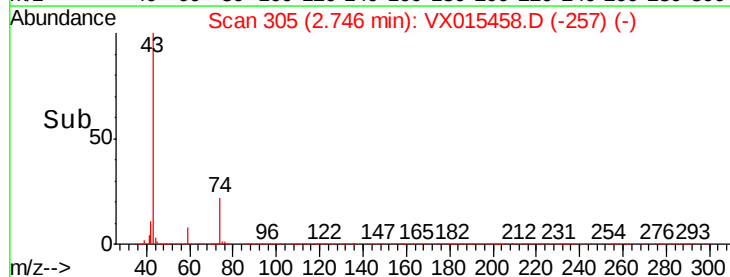
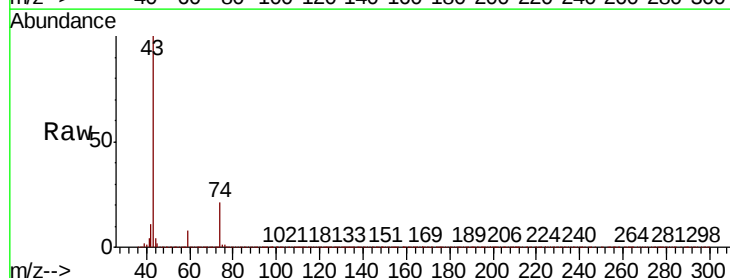
Acq: 01 Apr 2020 10:27

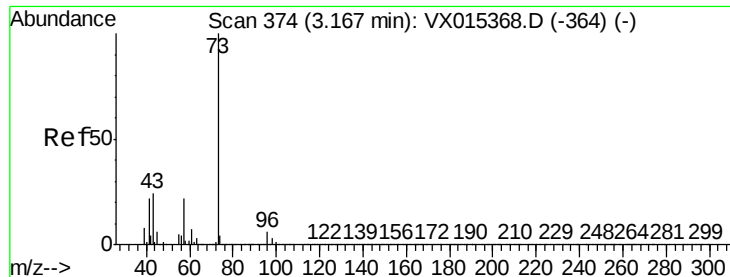
Tgt Ion: 43 Resp: 833618

Ion Ratio Lower Upper

43 100

74 20.9 16.5 24.7



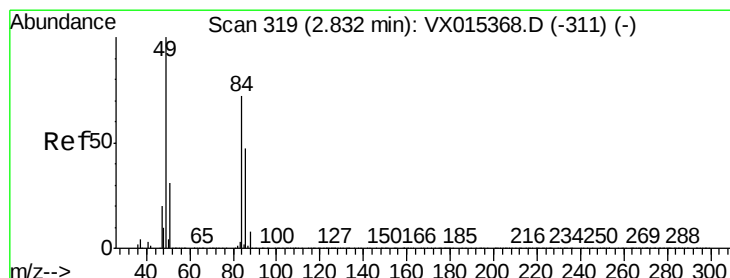
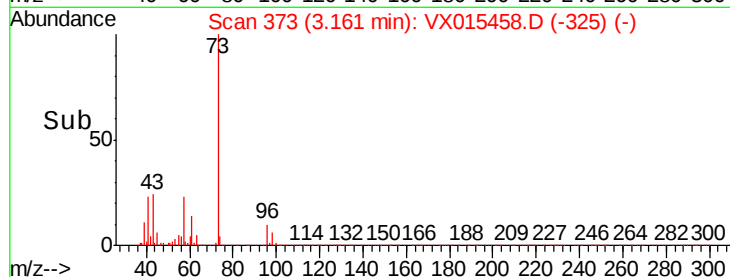
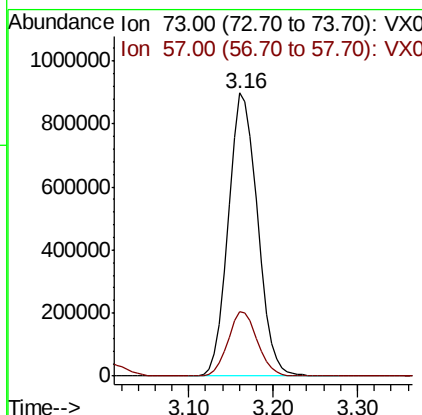
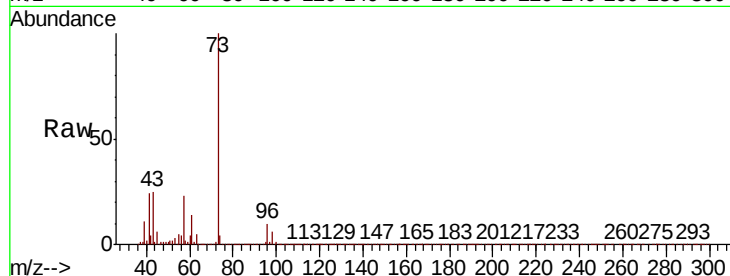


#19

Methyl tert-butyl Ether
 Concen: 51.002 ug/l
 RT: 3.16 min Scan# 373
 Delta R.T. -0.01 min
 Lab File: VX015458.D
 Acq: 01 Apr 2020 10:27

Instrument :
 MSVOA_X
 ClientSampled :

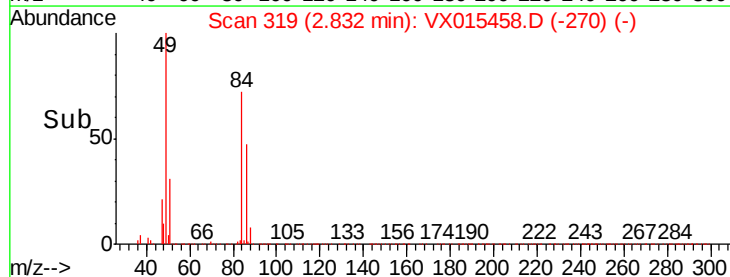
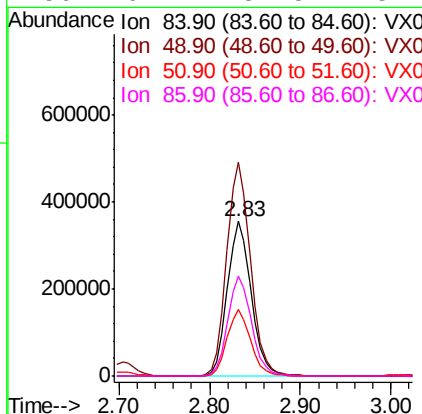
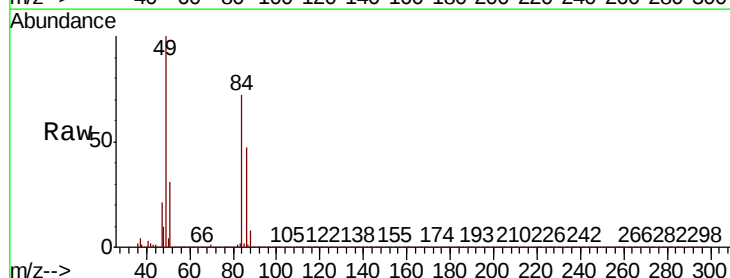
Tot Ion: 73 Resp: 2107813
 Ion Ratio Lower Upper
 73 100
 57 22.9 17.9 26.9

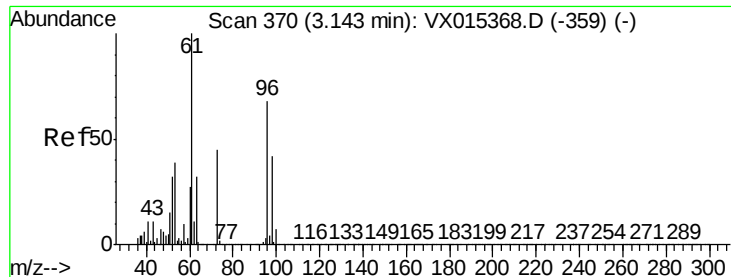


#20

Methylene Chloride
 Concen: 50.580 ug/l
 RT: 2.83 min Scan# 319
 Delta R.T. -0.00 min
 Lab File: VX015458.D
 Acq: 01 Apr 2020 10:27

Tgt Ion: 84 Resp: 646129
 Ion Ratio Lower Upper
 84 100
 49 138.1 111.3 166.9
 51 43.2 34.0 51.0
 86 64.4 52.5 78.7





#21

trans-1,2-Dichloroethene

Concen: 52.105 ug/l

RT: 3.14 min Scan# 370

Delta R.T. -0.00 min

Lab File: VX015458.D

Acq: 01 Apr 2020 10:27

Instrument :

MSVOA_X

ClientSampleId :

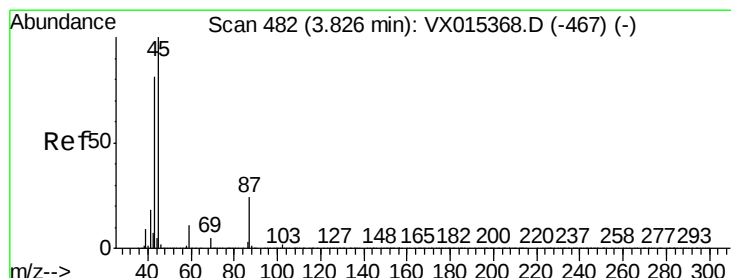
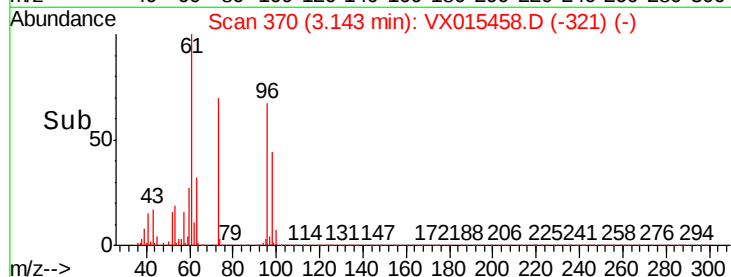
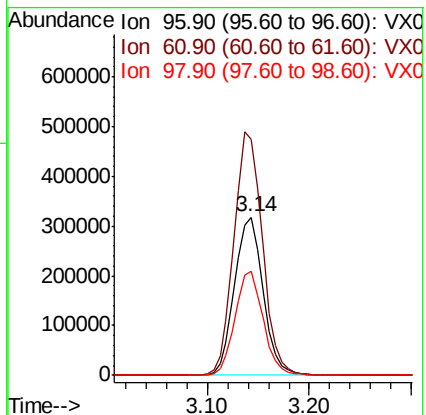
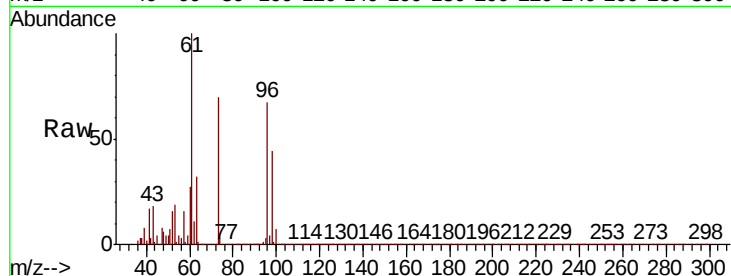
Tot Ion: 96 Resp: 616201

Ion Ratio Lower Upper

96 100

61 149.5 116.9 175.3

98 65.8 48.6 73.0



#22

Diisopropyl ether

Concen: 52.882 ug/l

RT: 3.82 min Scan# 481

Delta R.T. -0.01 min

Lab File: VX015458.D

Acq: 01 Apr 2020 10:27

Tgt Ion: 45 Resp: 2333145

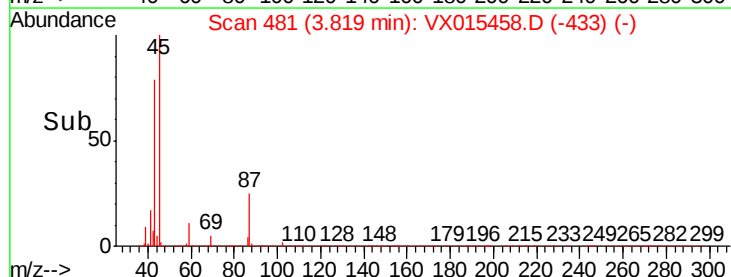
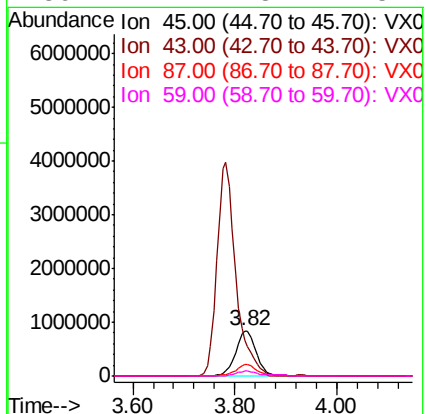
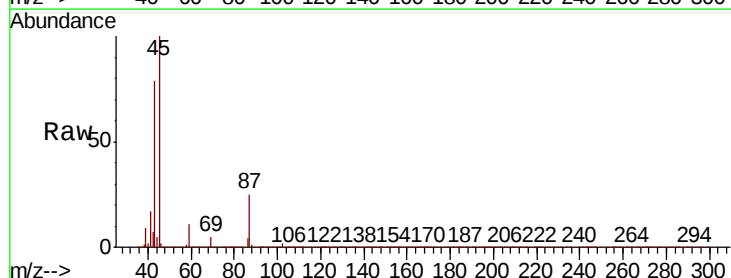
Ion Ratio Lower Upper

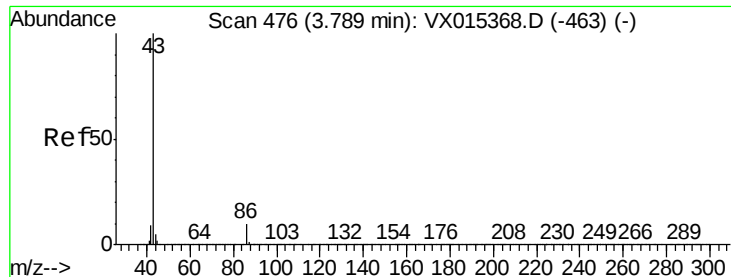
45 100

43 79.1 64.7 97.1

87 24.5 19.4 29.0

59 11.1 8.7 13.1





#23

Vinyl Acetate

Concen: 257.133 ug/l

RT: 3.78 min Scan# 475

Delta R.T. -0.01 min

Lab File: VX015458.D

Acq: 01 Apr 2020 10:27

Instrument :

MSVOA_X

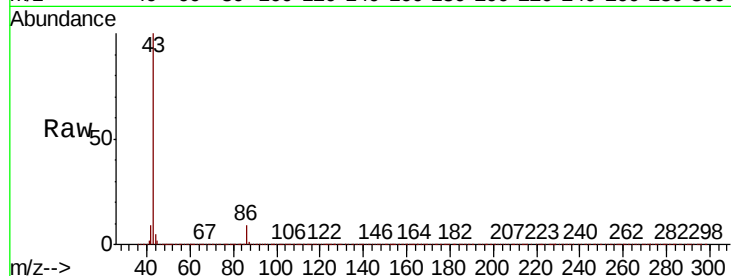
ClientSampleId :

Tot Ion: 43 Resp:10271527

Ion Ratio Lower Upper

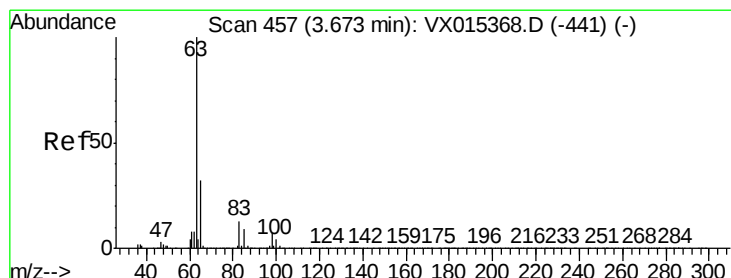
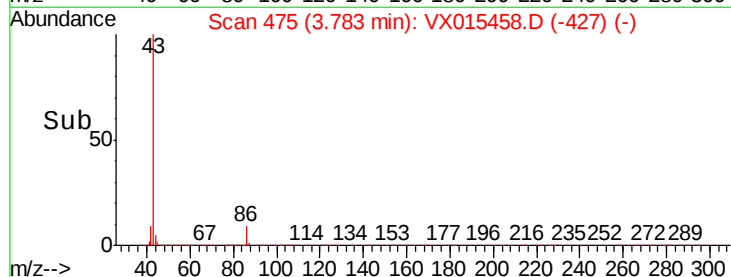
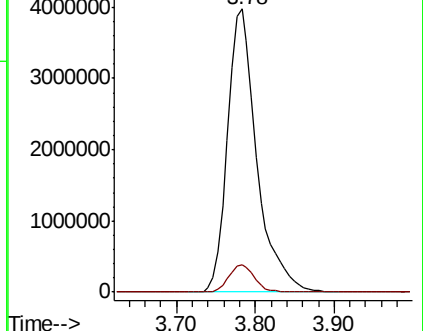
43 100

86 9.5 7.8 11.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 51.501 ug/l

RT: 3.67 min Scan# 456

Delta R.T. -0.01 min

Lab File: VX015458.D

Acq: 01 Apr 2020 10:27

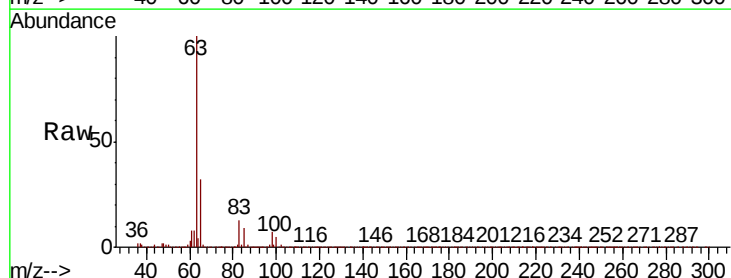
Tgt Ion: 63 Resp: 1196357

Ion Ratio Lower Upper

63 100

98 6.6 3.3 9.8

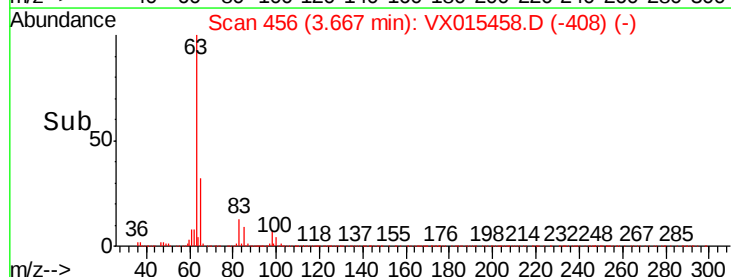
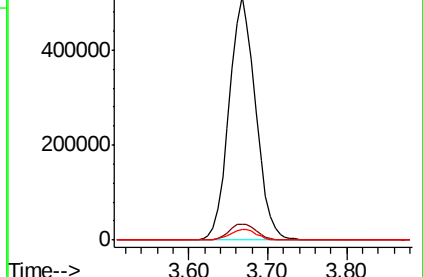
100 4.4 2.1 6.5

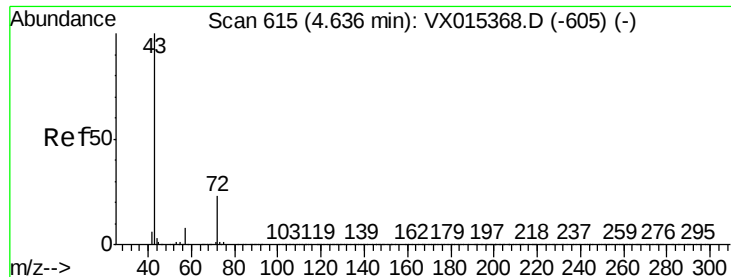


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 240.443 ug/l

RT: 4.63 min Scan# 614

Delta R.T. -0.01 min

Lab File: VX015458.D

Acq: 01 Apr 2020 10:27

Instrument :

MSVOA_X

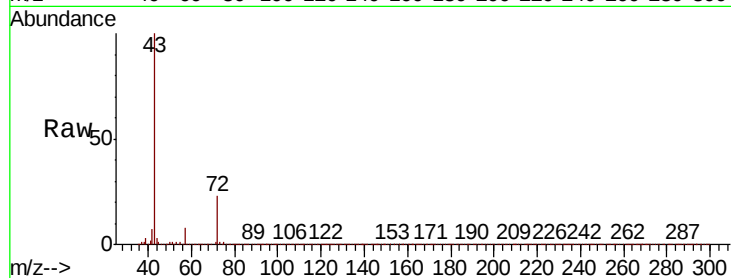
ClientSampleId :

Tot Ion: 43 Resp: 2644558

Ion Ratio Lower Upper

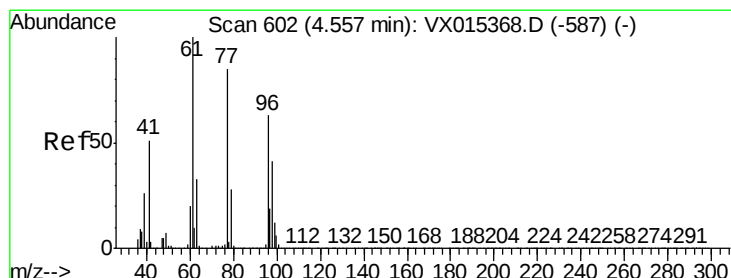
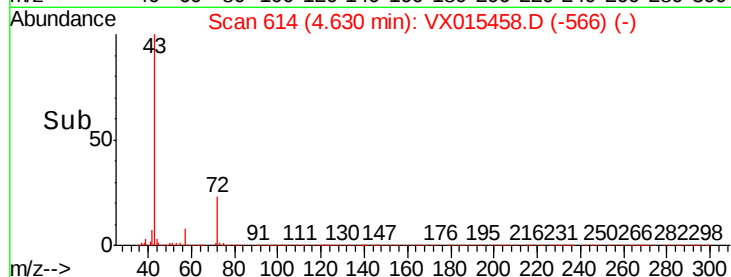
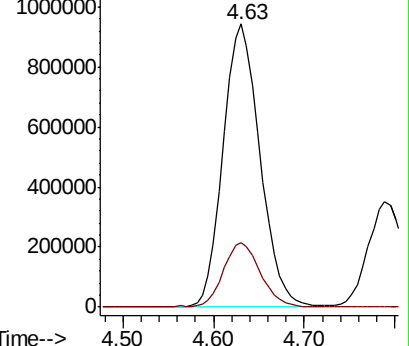
43 100

72 22.5 19.0 28.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 58.258 ug/l

RT: 4.55 min Scan# 601

Delta R.T. -0.01 min

Lab File: VX015458.D

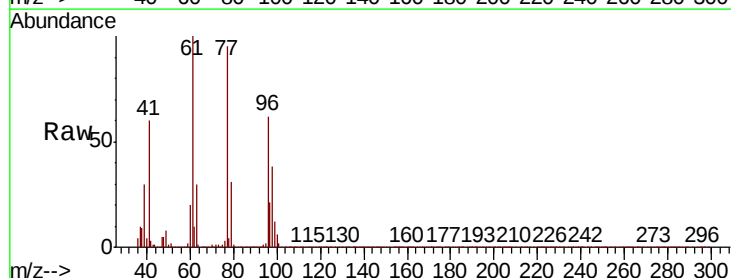
Acq: 01 Apr 2020 10:27

Tgt Ion: 77 Resp: 1110832

Ion Ratio Lower Upper

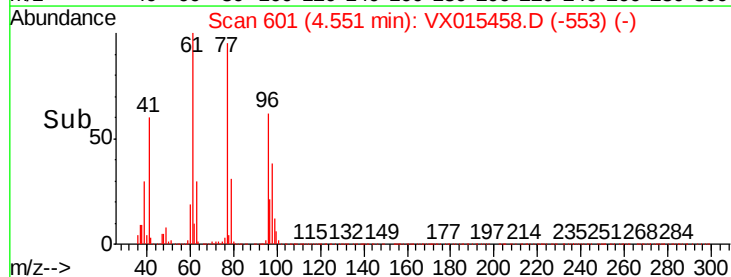
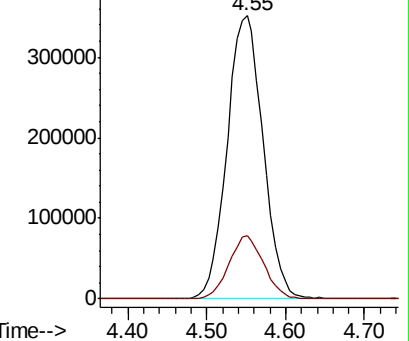
77 100

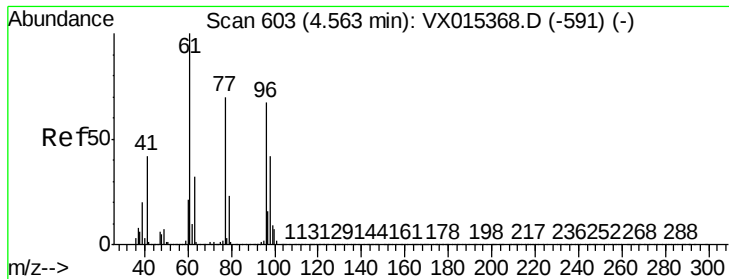
97 21.4 11.3 33.8



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0



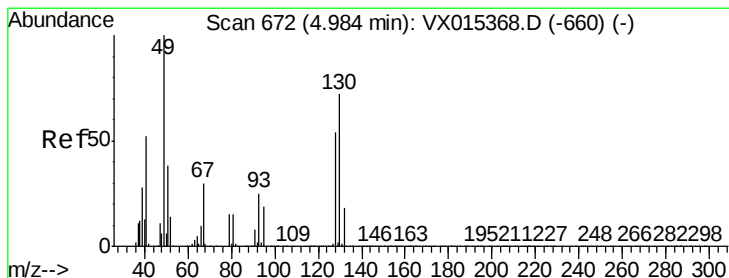
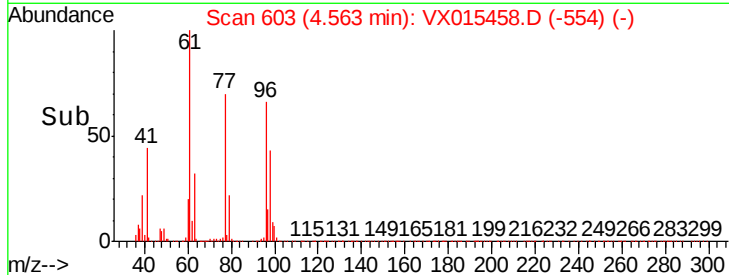
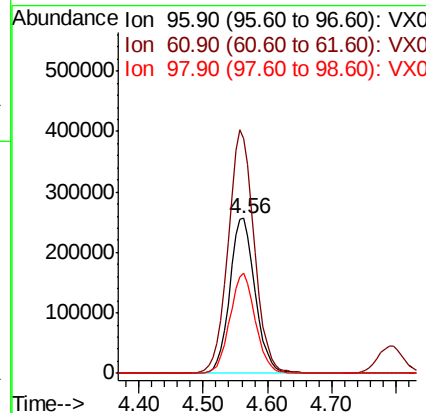
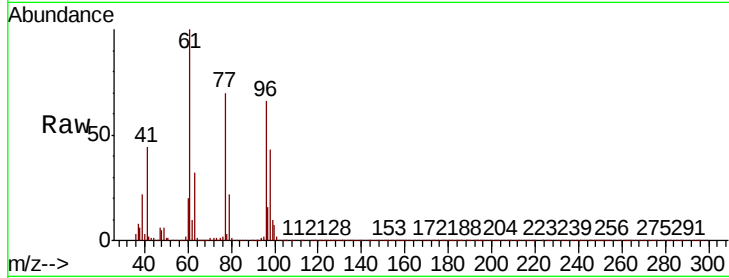


#27

cis-1,2-Dichloroethene
Concen: 51.860 ug/l
RT: 4.56 min Scan# 603
Delta R.T. -0.00 min
Lab File: VX015458.D
Acq: 01 Apr 2020 10:27

Instrument :
MSVOA_X
ClientSampleId :

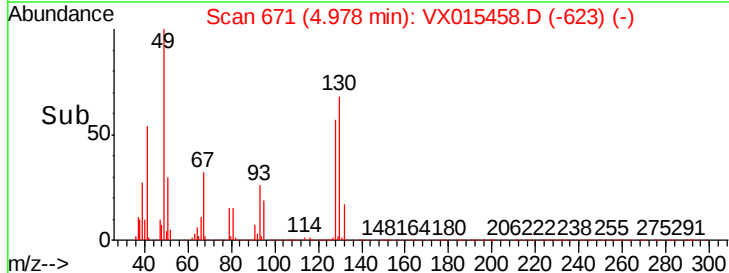
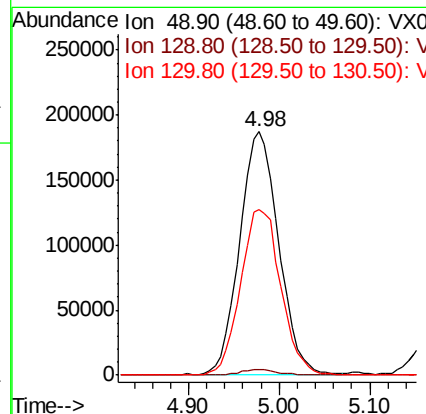
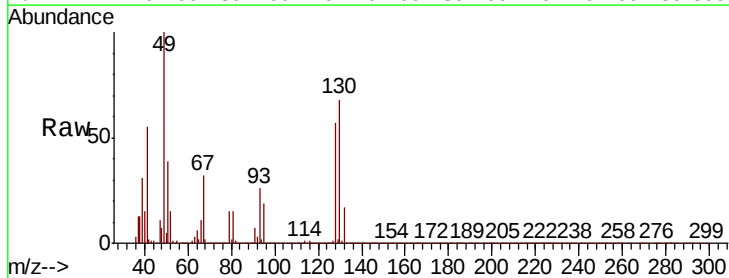
Tot Ion	Ratio	Lower	Upper
96	100		
61	161.4	0.0	308.4
98	64.5	0.0	129.2

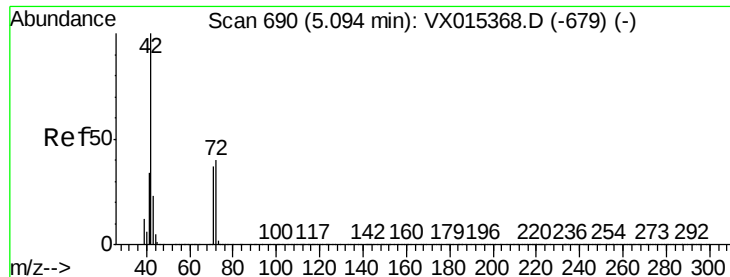


#28

Bromochloromethane
Concen: 49.977 ug/l
RT: 4.98 min Scan# 671
Delta R.T. -0.01 min
Lab File: VX015458.D
Acq: 01 Apr 2020 10:27

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.1	0.0	4.4
130	70.4	57.7	86.5





#29

Tetrahydrofuran

Concen: 228.925 ug/l

RT: 5.08 min Scan# 688

Delta R.T. -0.01 min

Lab File: VX015458.D

Acq: 01 Apr 2020 10:27

Instrument :

MSVOA_X

ClientSampleId :

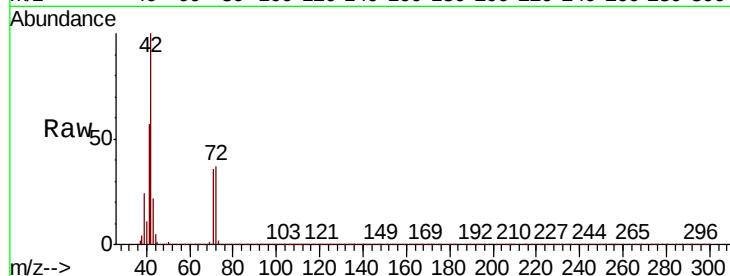
Tot Ion: 42 Resp: 1618671

Ion Ratio Lower Upper

42 100

72 39.5 31.7 47.5

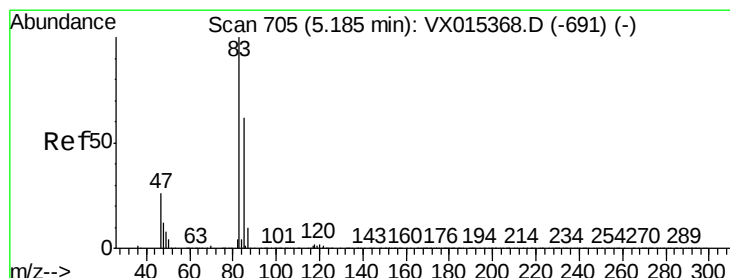
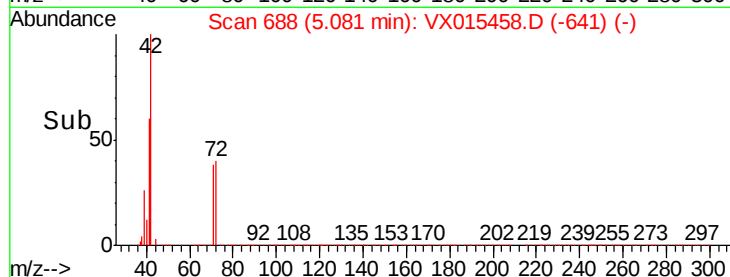
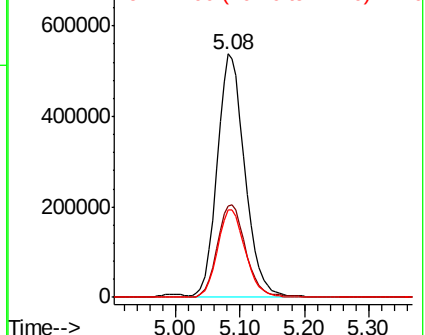
71 36.7 29.6 44.4



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: 52.248 ug/l

RT: 5.17 min Scan# 703

Delta R.T. -0.01 min

Lab File: VX015458.D

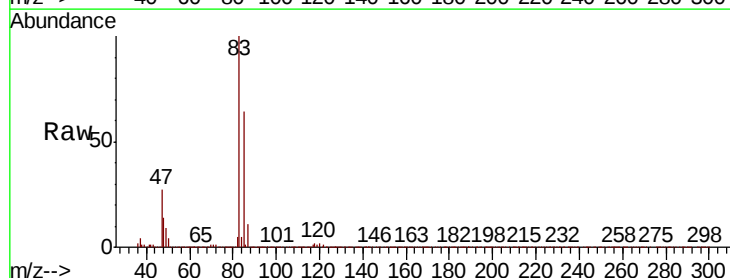
Acq: 01 Apr 2020 10:27

Tgt Ion: 83 Resp: 1167701

Ion Ratio Lower Upper

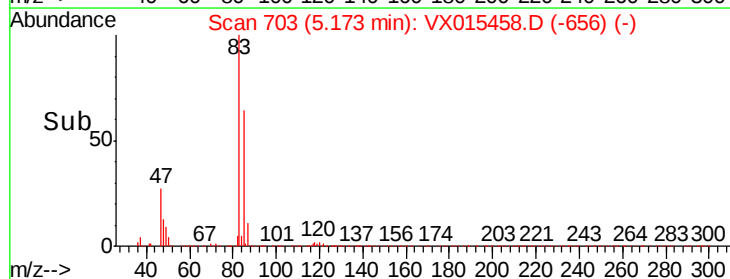
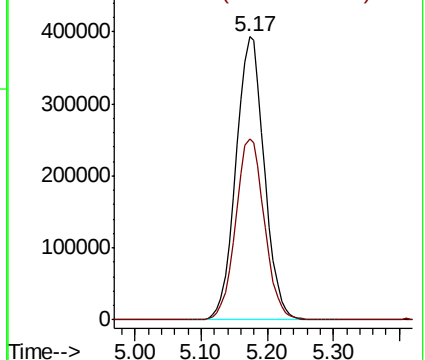
83 100

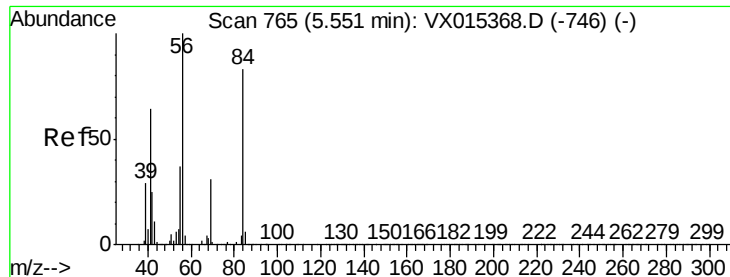
85 64.0 49.5 74.3



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

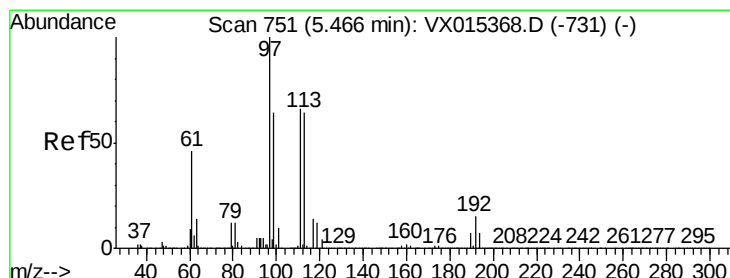
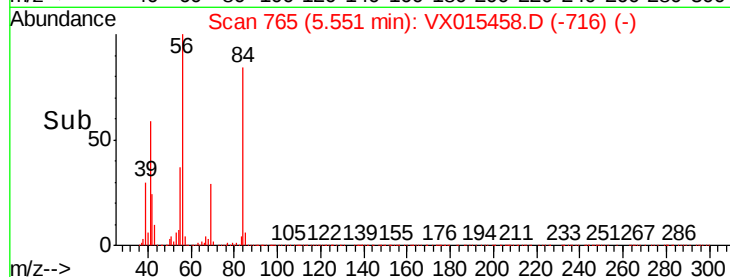
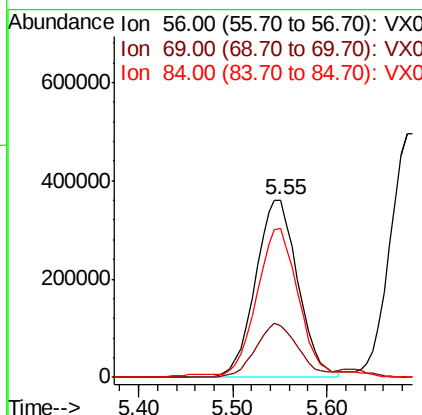
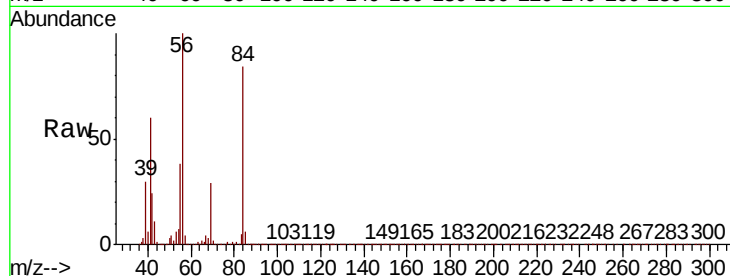




#31
Cyclohexane
Concen: 55.953 ug/l
RT: 5.55 min Scan# 765
Delta R.T. -0.00 min
Lab File: VX015458.D
Acq: 01 Apr 2020 10:27

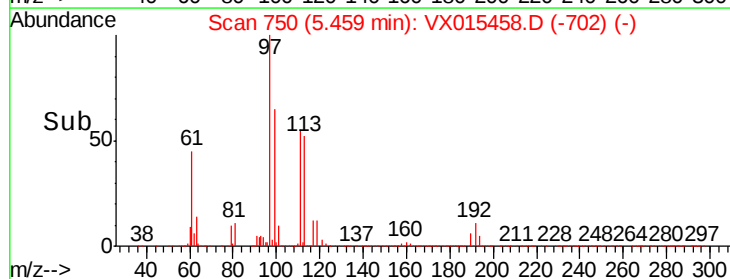
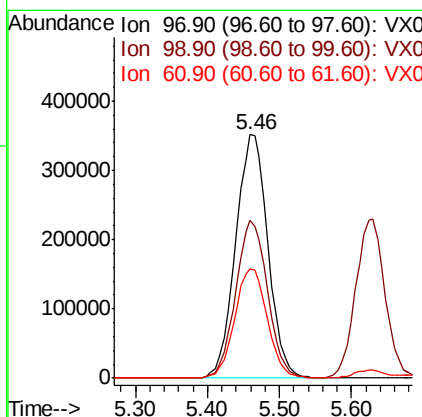
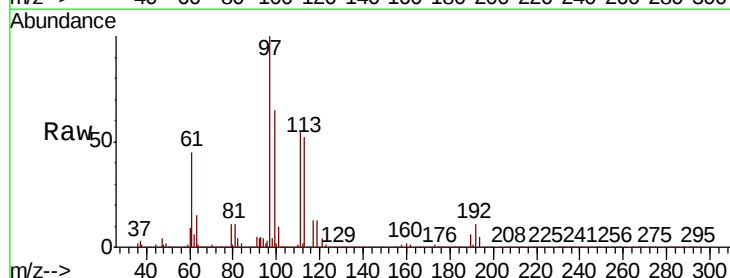
Instrument :
MSVOA_X
ClientSampleId :

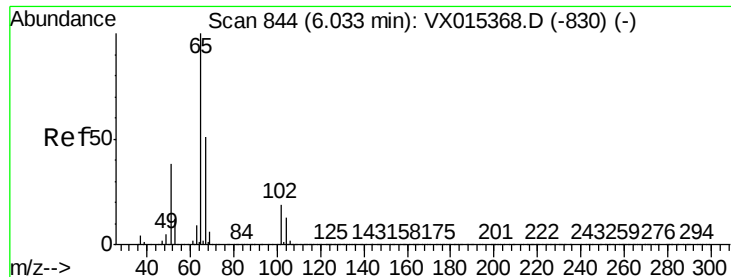
Tot Ion: 56 Resp: 1127547
Ion Ratio Lower Upper
56 100
69 29.2 24.6 36.8
84 82.1 66.1 99.1



#32
1,1,1-Trichloroethane
Concen: 53.898 ug/l
RT: 5.46 min Scan# 750
Delta R.T. -0.01 min
Lab File: VX015458.D
Acq: 01 Apr 2020 10:27

Tgt Ion: 97 Resp: 1090140
Ion Ratio Lower Upper
97 100
99 64.2 51.0 76.4
61 45.2 36.1 54.1





#33

1,2-Dichloroethane-d4

Concen: 46.638 ug/l

RT: 6.03 min Scan# 843

Delta R.T. -0.01 min

Lab File: VX015458.D

Acq: 01 Apr 2020 10:27

Instrument :

MSVOA_X

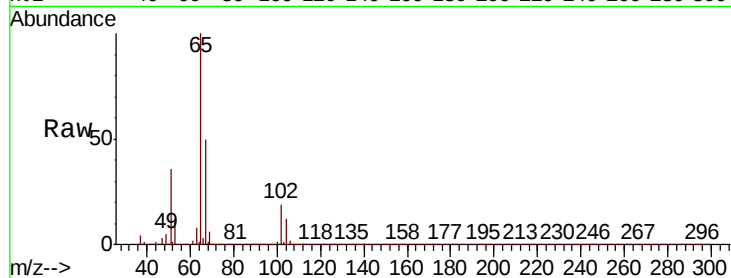
ClientSampleId :

Tot Ion: 65 Resp: 742416

Ion Ratio Lower Upper

65 100

67 50.5 0.0 102.6



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.03

300000

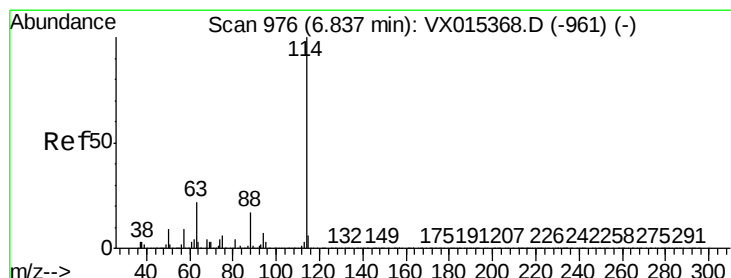
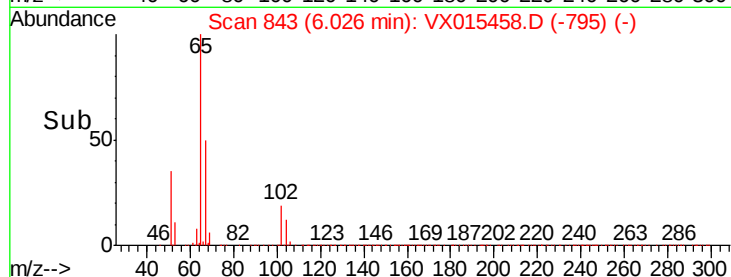
200000

100000

0

5.90 6.00 6.10

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 974

Delta R.T. -0.01 min

Lab File: VX015458.D

Acq: 01 Apr 2020 10:27

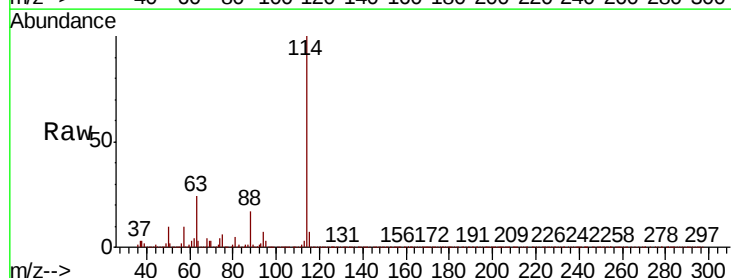
Tgt Ion: 114 Resp: 1711992

Ion Ratio Lower Upper

114 100

63 23.7 0.0 44.2

88 16.7 0.0 33.8



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

6.83

800000

600000

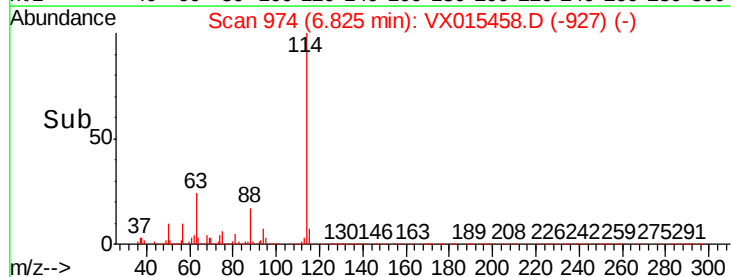
400000

200000

0

6.70 6.80 6.90 7.00

Time-->





#35

Dibromofluoromethane

Concen: 49.702 ug/l

RT: 5.47 min Scan# 751

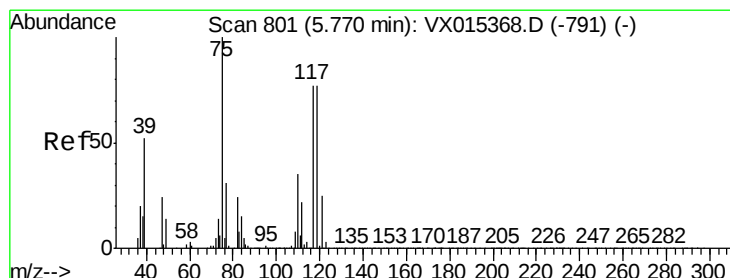
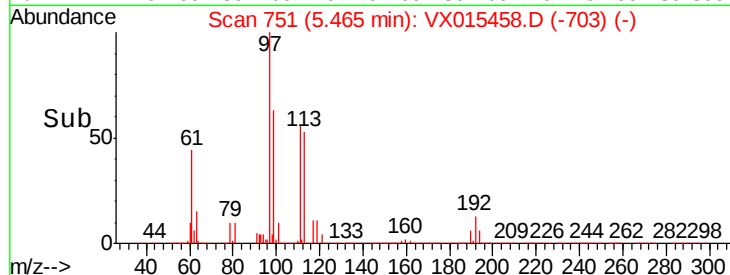
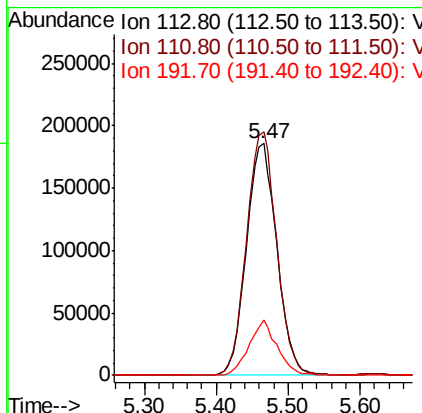
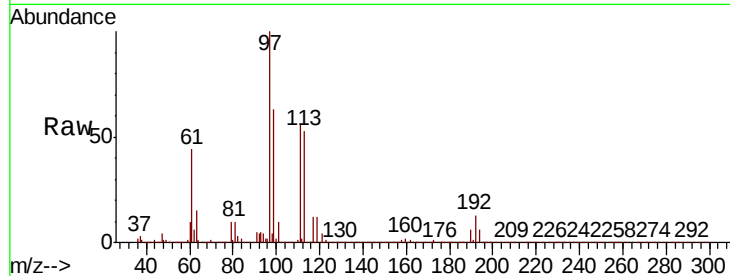
Delta R.T. -0.01 min

Lab File: VX015458.D

Acq: 01 Apr 2020 10:27

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:	113	Resp:	543918
Ion	Ratio	Lower	Upper
113	100		
111	104.0	81.5	122.3
192	22.0	17.8	26.6



#36

1,1-Dichloropropene

Concen: 56.858 ug/l

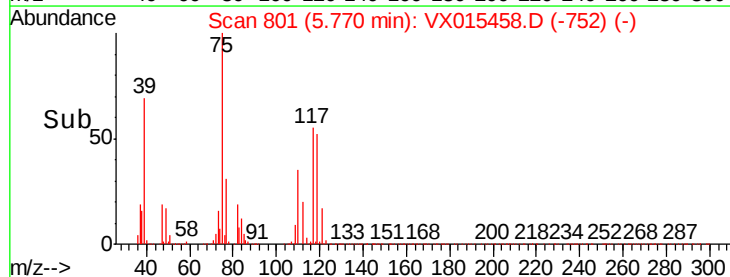
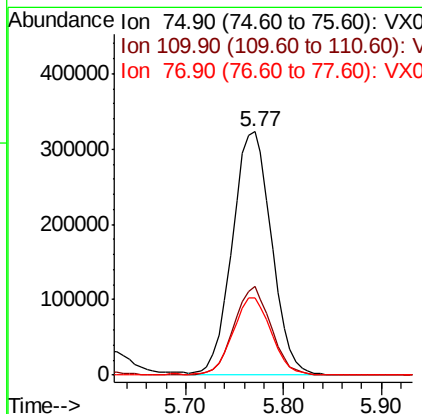
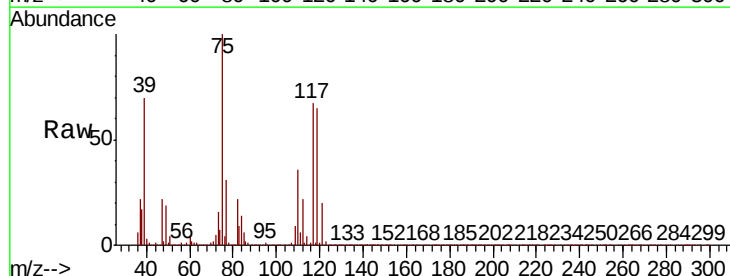
RT: 5.77 min Scan# 801

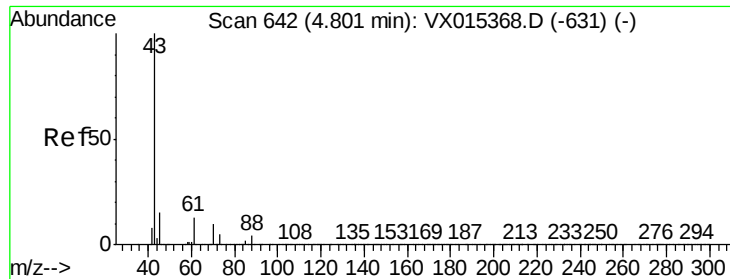
Delta R.T. -0.00 min

Lab File: VX015458.D

Acq: 01 Apr 2020 10:27

Tgt Ion:	75	Resp:	896887
Ion	Ratio	Lower	Upper
75	100		
110	34.4	17.1	51.3
77	30.8	24.6	36.8

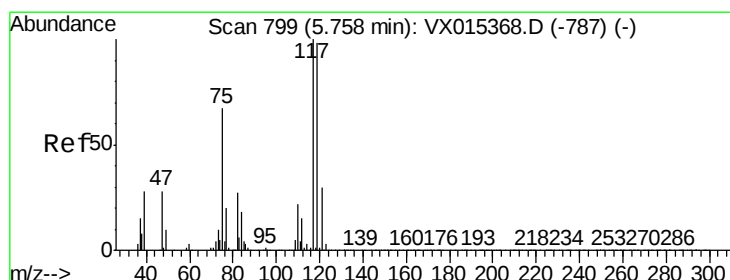
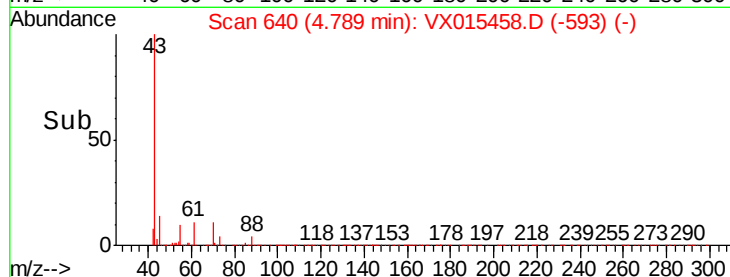
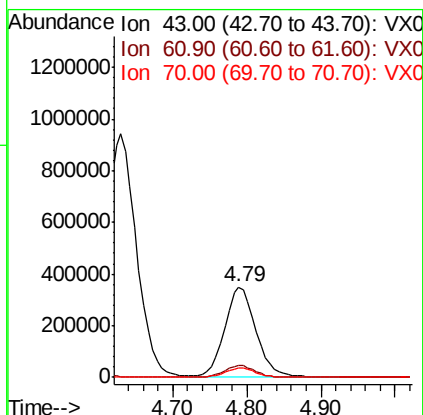
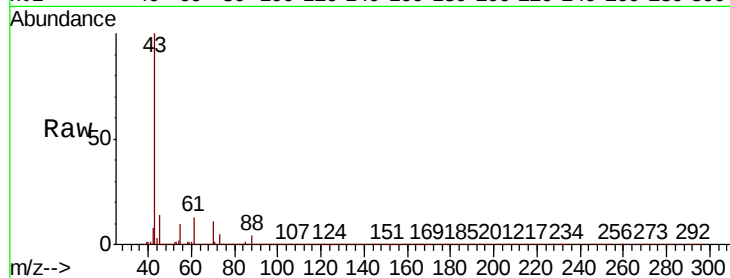




#37
Ethyl Acetate
Concen: 49.250 ug/l
RT: 4.79 min Scan# 640
Delta R.T. -0.01 min
Lab File: VX015458.D
Acq: 01 Apr 2020 10:27

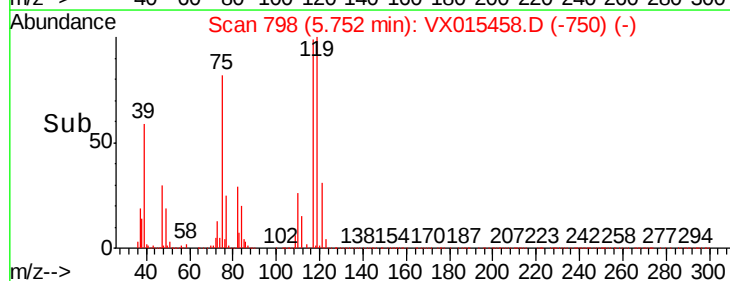
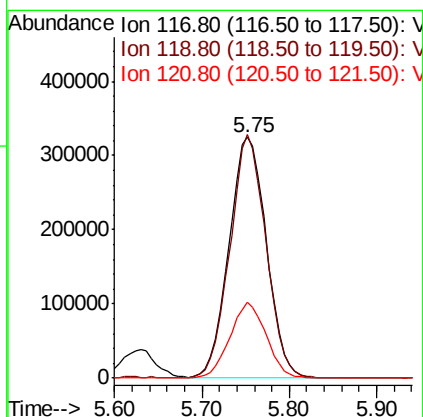
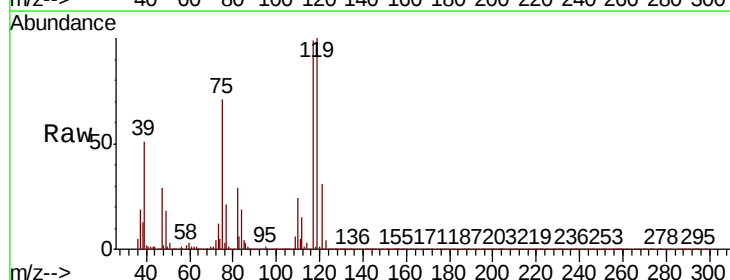
Instrument :
MSVOA_X
ClientSampleId :

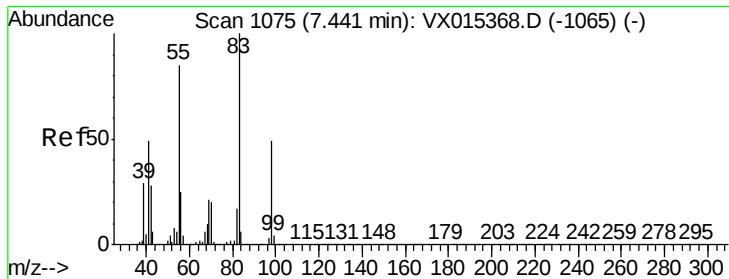
Tot Ion: 43 Resp: 1011542
Ion Ratio Lower Upper
43 100
61 12.5 9.9 14.9
70 9.9 8.1 12.1



#38
Carbon Tetrachloride
Concen: 56.472 ug/l
RT: 5.75 min Scan# 798
Delta R.T. -0.01 min
Lab File: VX015458.D
Acq: 01 Apr 2020 10:27

Tgt Ion: 117 Resp: 964818
Ion Ratio Lower Upper
117 100
119 101.1 78.0 117.0
121 31.6 23.8 35.8

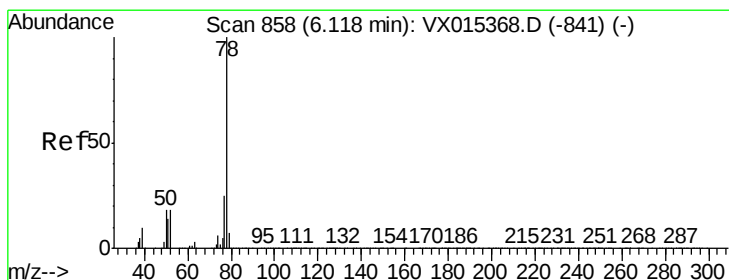
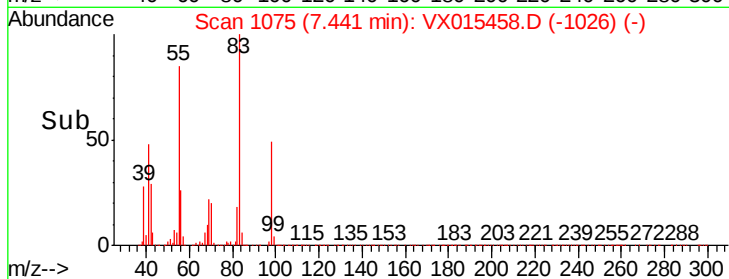
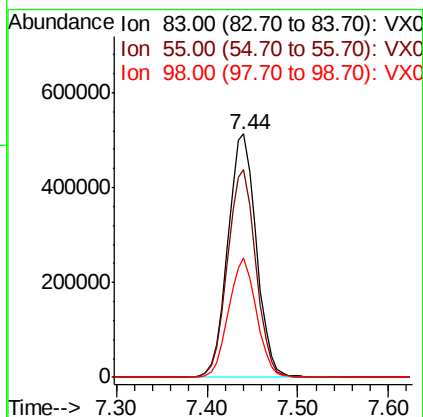
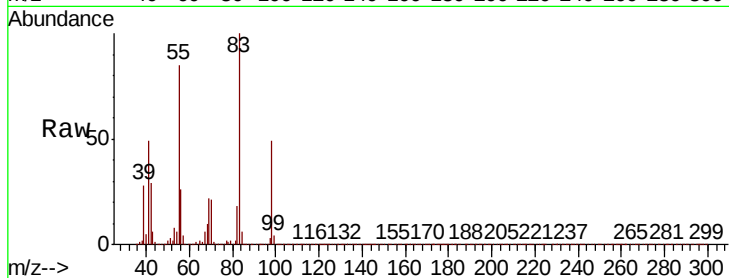




#39
Methvlcvclohexane
Concen: 61.429 ug/l
RT: 7.44 min Scan# 1075
Delta R.T. -0.00 min
Lab File: VX015458.D
Acq: 01 Apr 2020 10:27

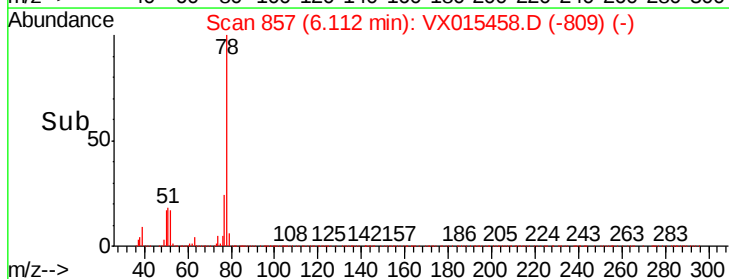
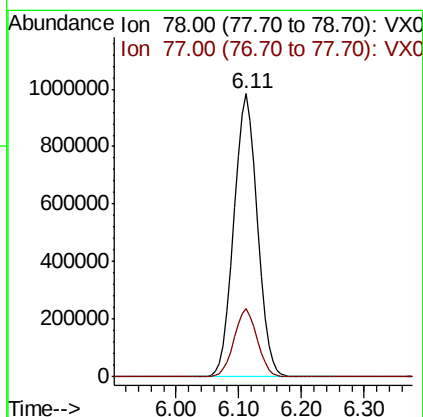
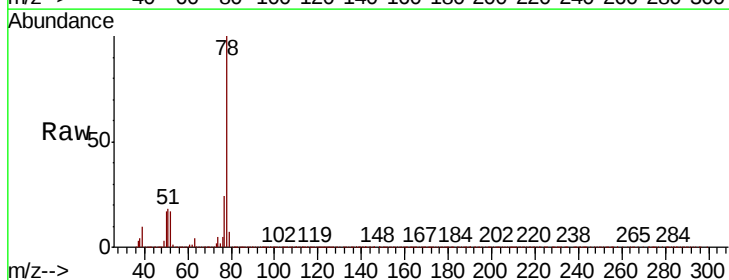
Instrument :
MSVOA_X
ClientSampleId :

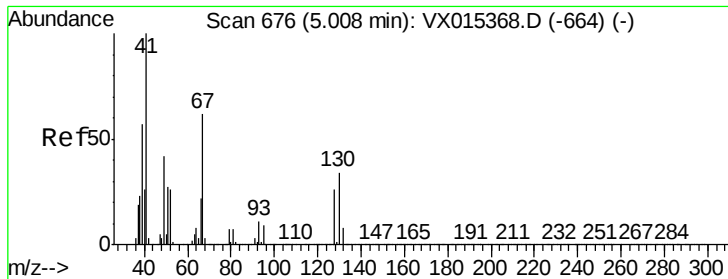
Tot Ion: 83 Resp: 1117243
Ion Ratio Lower Upper
83 100
55 85.3 67.8 101.6
98 49.1 39.3 58.9



#40
Benzene
Concen: 55.239 ug/l
RT: 6.11 min Scan# 857
Delta R.T. -0.01 min
Lab File: VX015458.D
Acq: 01 Apr 2020 10:27

Tgt Ion: 78 Resp: 2552404
Ion Ratio Lower Upper
78 100
77 24.0 19.8 29.8

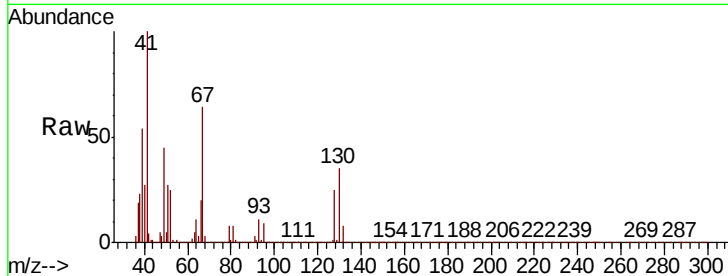




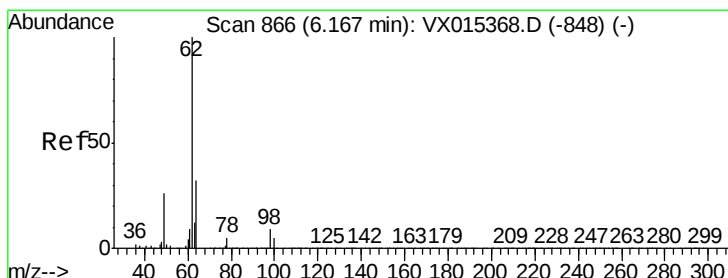
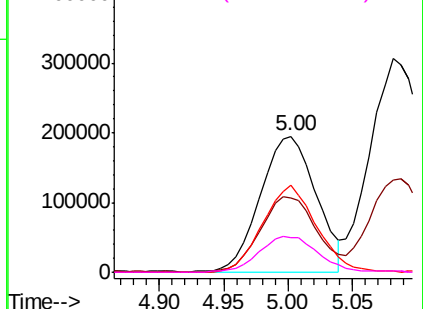
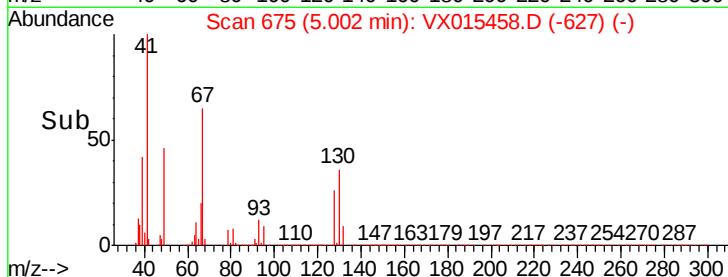
#41
Methacrylonitrile
Concen: 50.926 ug/l
RT: 5.00 min Scan# 675
Delta R.T. -0.01 min
Lab File: VX015458.D
Acq: 01 Apr 2020 10:27

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:	41	Resp:	580637
Ion	Ratio	Lower	Upper
41	100		
39	57.3	44.5	66.7
67	62.0	48.9	73.3
52	27.5	21.8	32.6

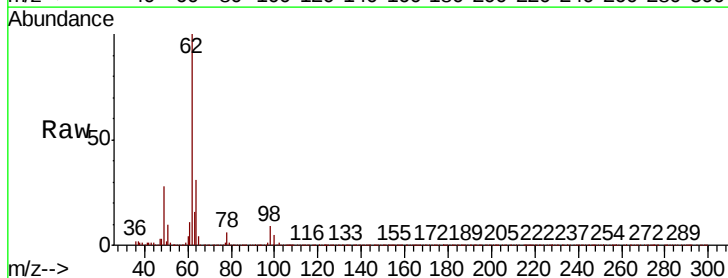


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

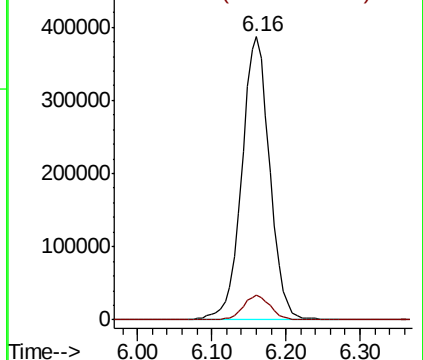
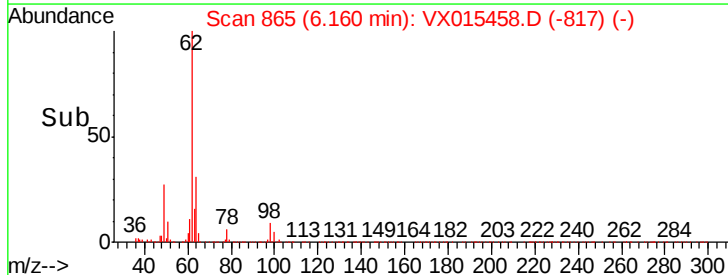


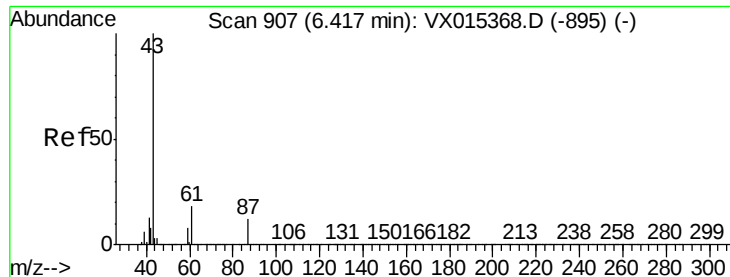
#42
1,2-Dichloroethane
Concen: 54.423 ug/l
RT: 6.16 min Scan# 865
Delta R.T. -0.01 min
Lab File: VX015458.D
Acq: 01 Apr 2020 10:27

Tgt Ion:	62	Resp:	1010100
Ion	Ratio	Lower	Upper
62	100		
98	8.3	0.0	17.6



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



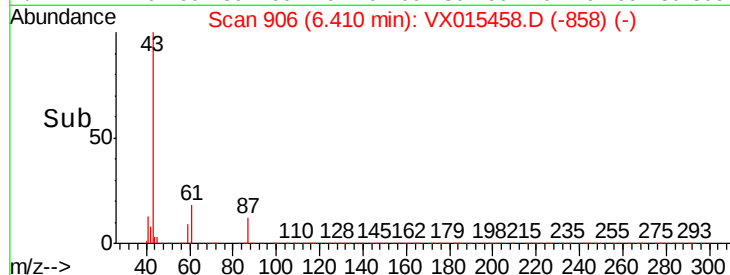
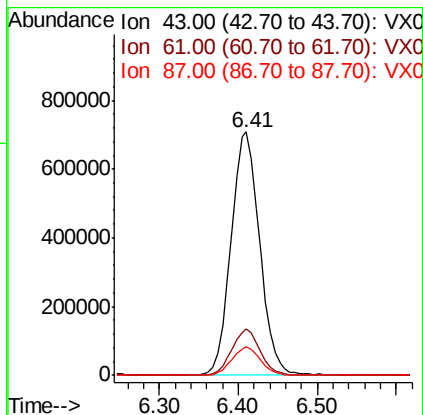
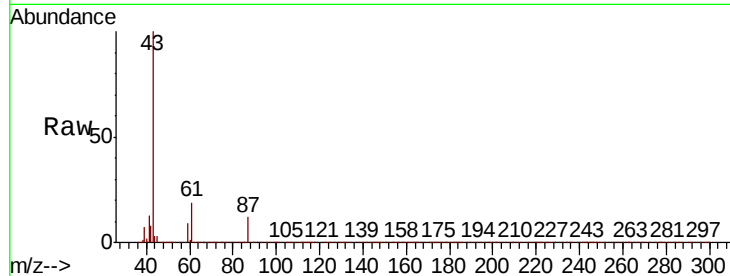


#43

Isopropyl Acetate
 Concen: 51.240 ug/l
 RT: 6.41 min Scan# 906
 Delta R.T. -0.01 min
 Lab File: VX015458.D
 Acq: 01 Apr 2020 10:27

Instrument :
 MSVOA_X
 ClientSampleId :

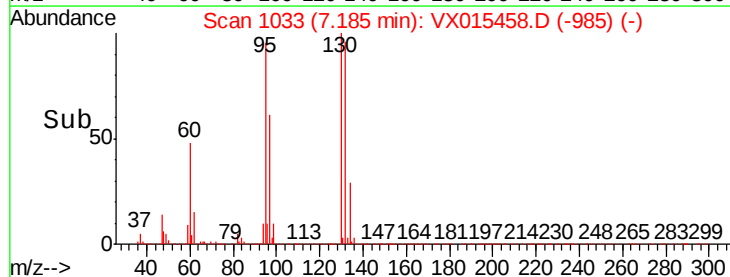
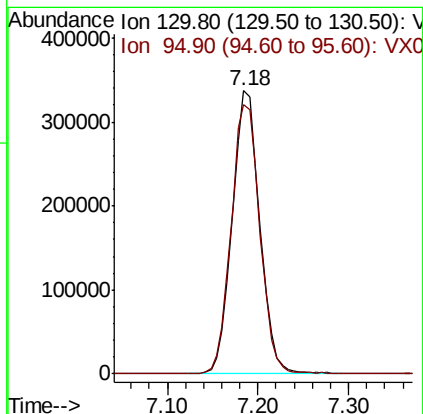
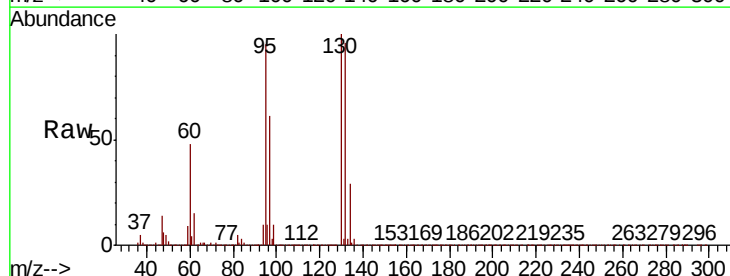
Tot Ion: 43 Resp: 1776591
 Ion Ratio Lower Upper
 43 100
 61 18.8 14.8 22.2
 87 11.7 9.4 14.0

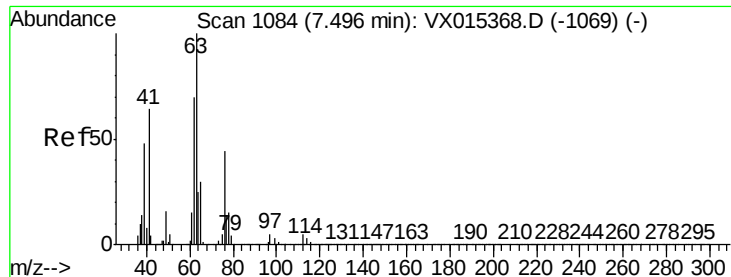


#44

Trichloroethene
 Concen: 56.516 ug/l
 RT: 7.18 min Scan# 1033
 Delta R.T. -0.01 min
 Lab File: VX015458.D
 Acq: 01 Apr 2020 10:27

Tgt Ion:130 Resp: 712196
 Ion Ratio Lower Upper
 130 100
 95 95.0 0.0 199.0

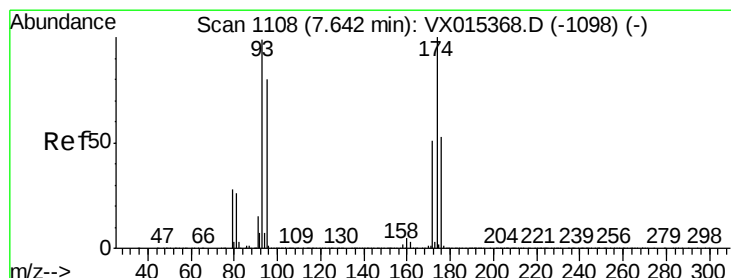
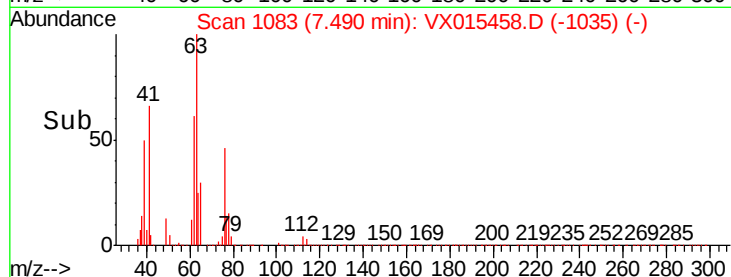
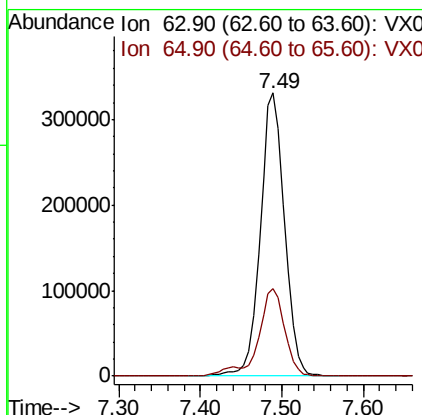
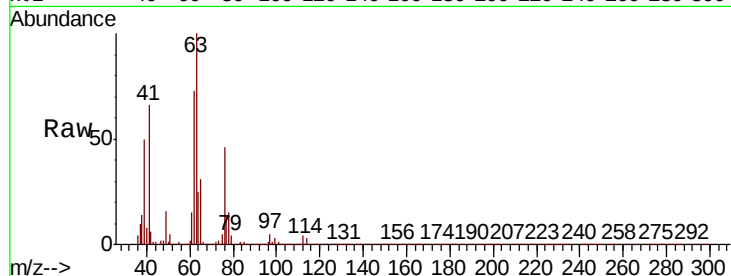




#45
 1,2-Dichloropropane
 Concen: 54.126 ug/l
 RT: 7.49 min Scan# 1083
 Delta R.T. -0.01 min
 Lab File: VX015458.D
 Acq: 01 Apr 2020 10:27

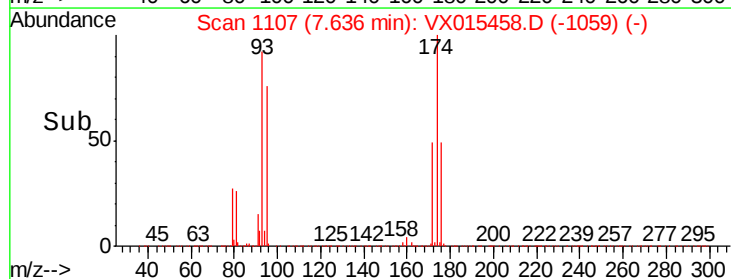
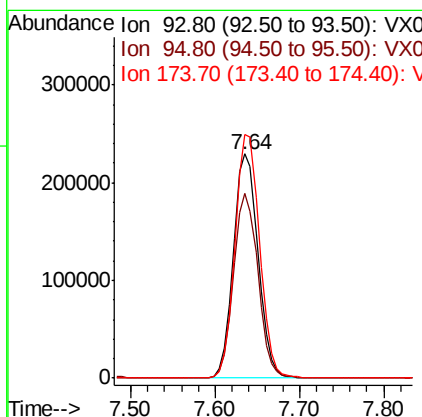
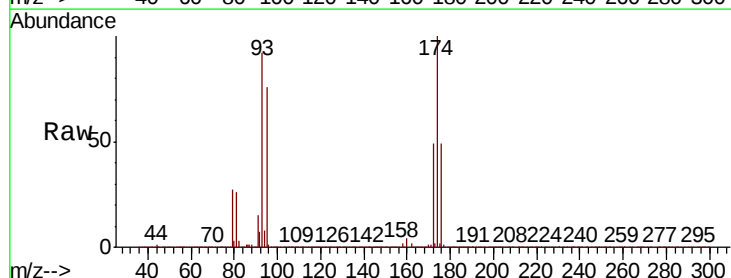
Instrument :
 MSVOA_X
 ClientSampleId :

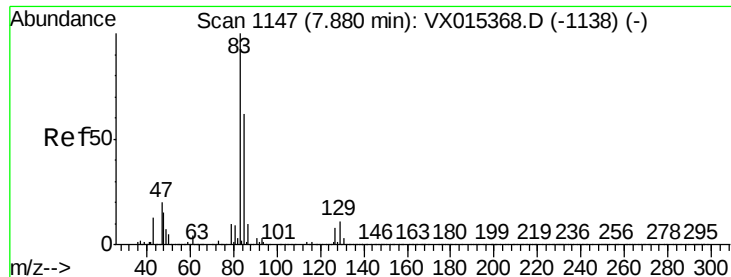
Tot Ion: 63 Resp: 684165
 Ion Ratio Lower Upper
 63 100
 65 30.8 23.9 35.9



#46
 Dibromomethane
 Concen: 54.635 ug/l
 RT: 7.64 min Scan# 1107
 Delta R.T. -0.01 min
 Lab File: VX015458.D
 Acq: 01 Apr 2020 10:27

Tgt Ion: 93 Resp: 453023
 Ion Ratio Lower Upper
 93 100
 95 81.0 65.8 98.8
 174 108.1 86.2 129.2





#47

Bromodichloromethane

Concen: 55.250 ug/l

RT: 7.87 min Scan# 1146

Delta R.T. -0.01 min

Lab File: VX015458.D

Acq: 01 Apr 2020 10:27

Instrument :
MSVOA_X
ClientSampleId :

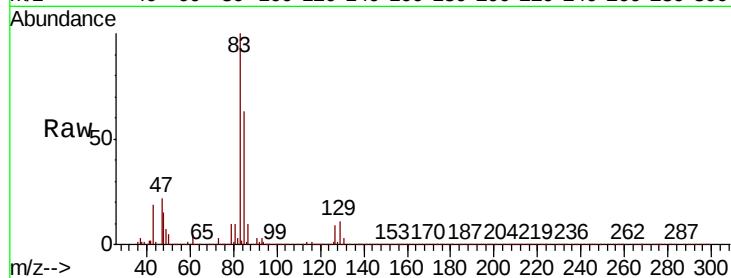
Tot Ion: 83 Resp: 976159

Ion Ratio Lower Upper

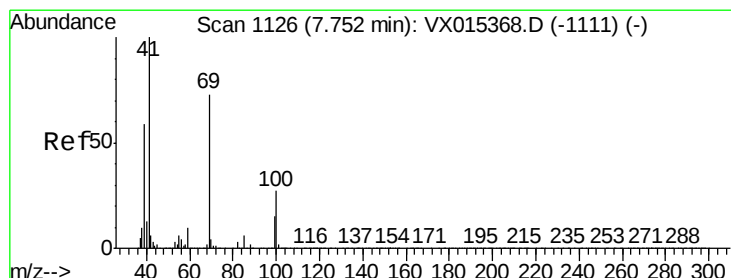
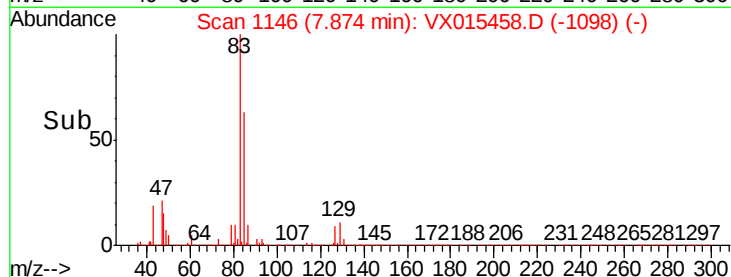
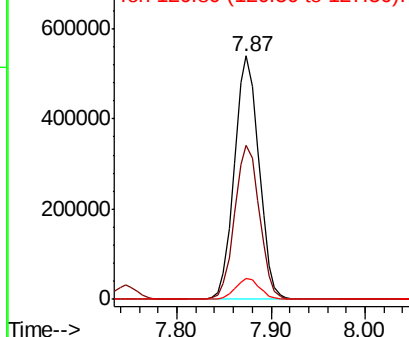
83 100

85 63.3 49.7 74.5

127 8.7 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: 51.773 ug/l

RT: 7.75 min Scan# 1125

Delta R.T. -0.01 min

Lab File: VX015458.D

Acq: 01 Apr 2020 10:27

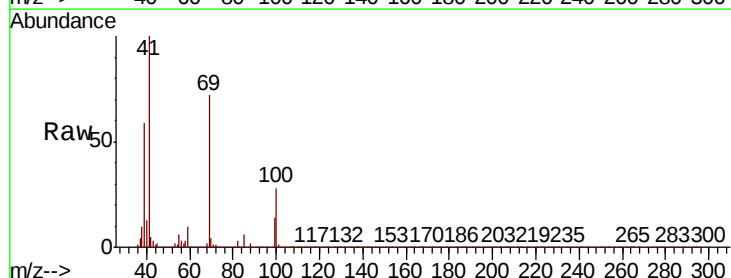
Tgt Ion: 41 Resp: 896615

Ion Ratio Lower Upper

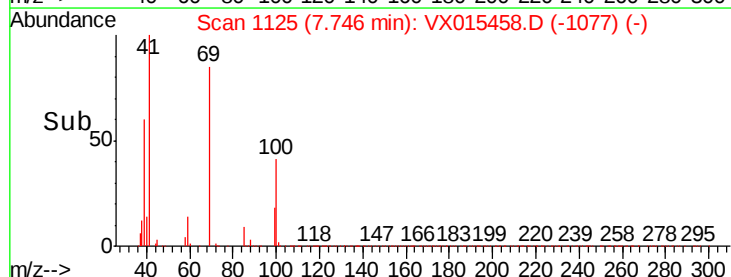
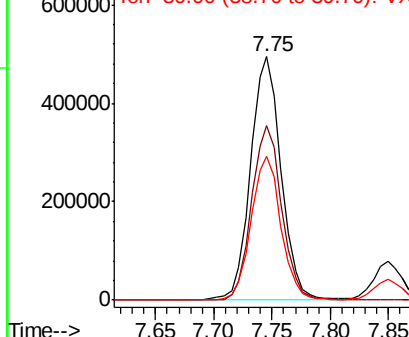
41 100

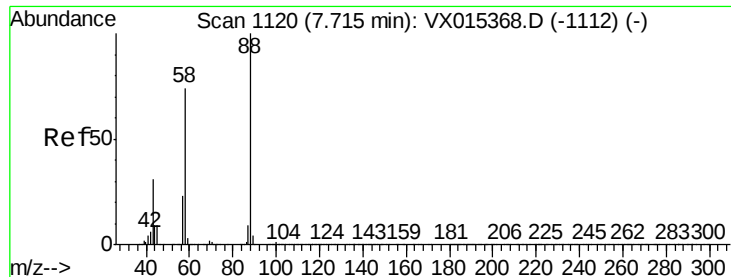
69 71.0 56.7 85.1

39 57.8 46.5 69.7



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: 1016.570 ug/l

RT: 7.72 min Scan# 1120

Delta R.T. -0.00 min

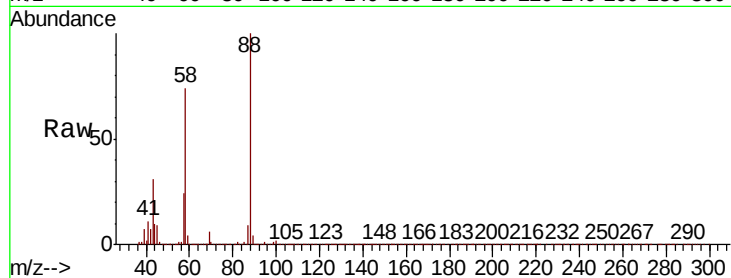
Lab File: VX015458.D

Acq: 01 Apr 2020 10:27

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 88 Resp: 328425

Ion	Ratio	Lower	Upper
88	100		
43	38.0	30.1	45.1
58	77.9	60.6	90.8

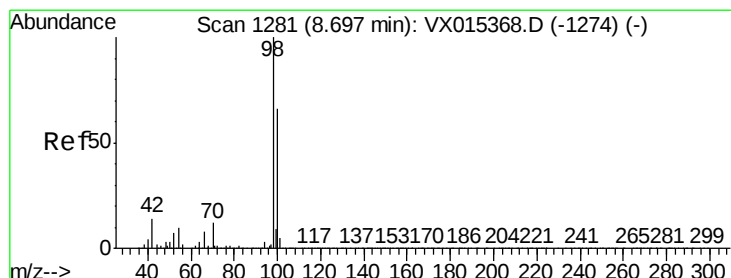
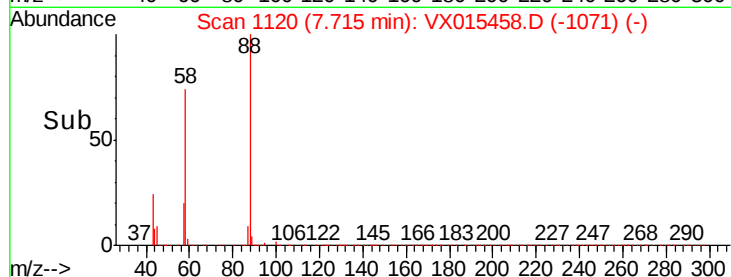
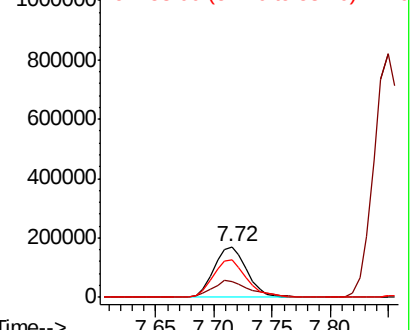


Abundance

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: 49.733 ug/l

RT: 8.70 min Scan# 1281

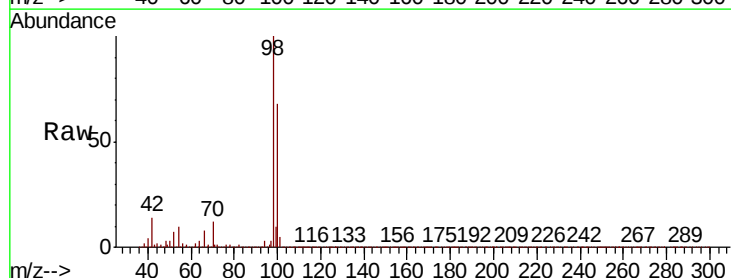
Delta R.T. -0.00 min

Lab File: VX015458.D

Acq: 01 Apr 2020 10:27

Tgt Ion: 98 Resp: 2003817

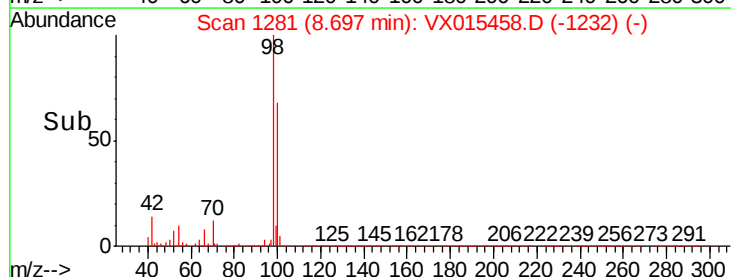
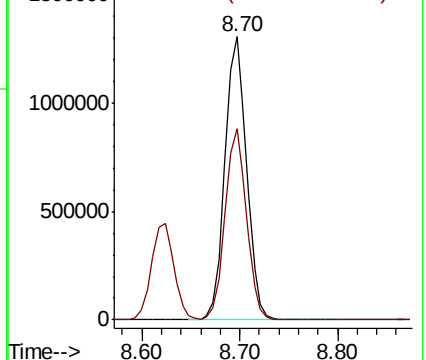
Ion	Ratio	Lower	Upper
98	100		
100	66.8	53.5	80.3

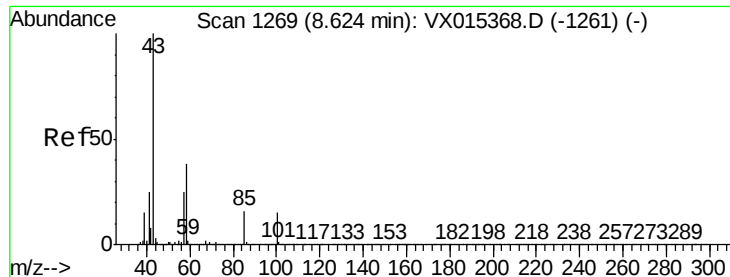


Abundance

Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0

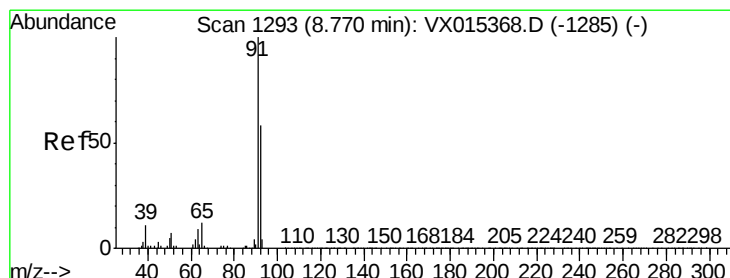
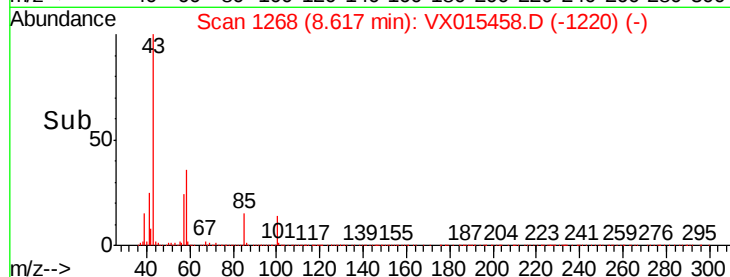
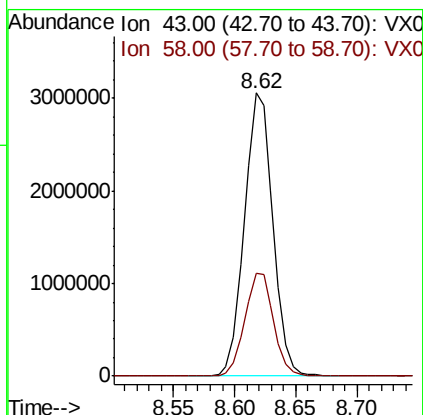
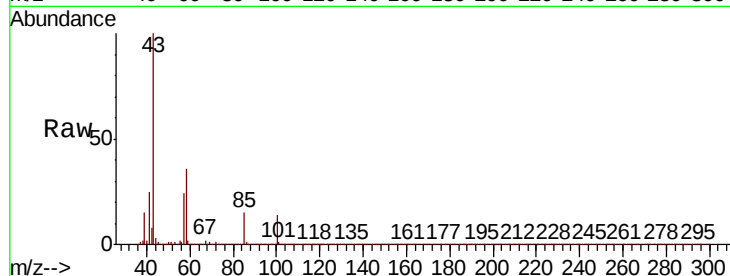




#51
4-Methyl-2-Pentanone
Concen: 251.311 ug/l
RT: 8.62 min Scan# 1268
Delta R.T. -0.01 min
Lab File: VX015458.D
Acq: 01 Apr 2020 10:27

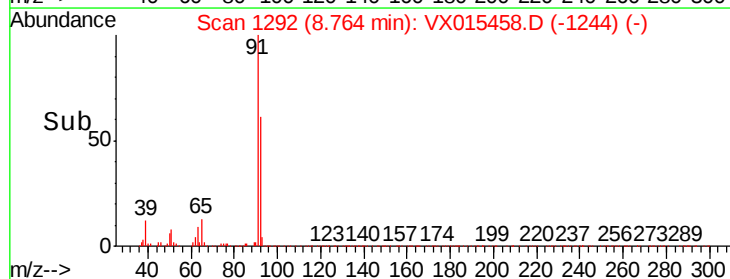
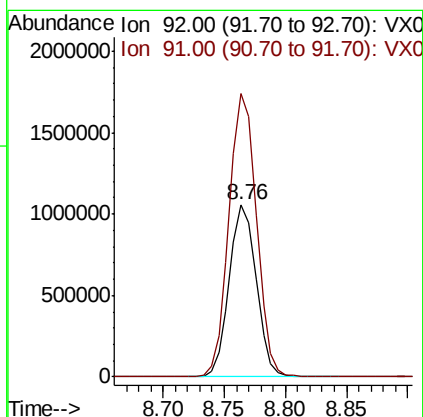
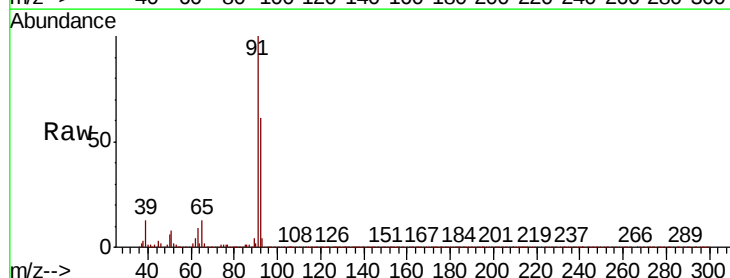
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 43 Resp: 4938094
Ion Ratio Lower Upper
43 100
58 36.6 29.7 44.5



#52
Toluene
Concen: 56.778 ug/l
RT: 8.76 min Scan# 1292
Delta R.T. -0.01 min
Lab File: VX015458.D
Acq: 01 Apr 2020 10:27

Tgt Ion: 92 Resp: 1617457
Ion Ratio Lower Upper
92 100
91 167.2 136.6 205.0





#53

t-1,3-Dichloropropene

Concen: 54.209 ug/l

RT: 9.02 min Scan# 1334

Delta R.T. -0.01 min

Lab File: VX015458.D

Acq: 01 Apr 2020 10:27

Instrument :

MSVOA_X

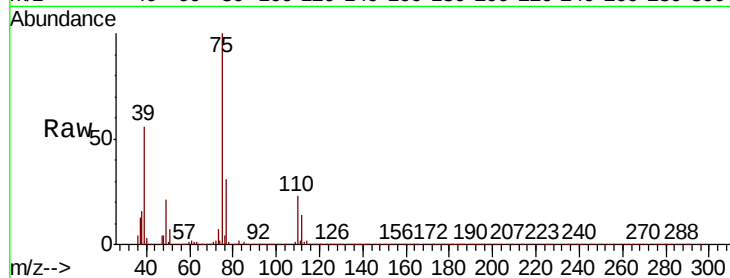
ClientSampleId :

Tot Ion: 75 Resp: 1123283

Ion Ratio Lower Upper

75 100

77 30.9 24.1 36.1



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

9.02

800000

600000

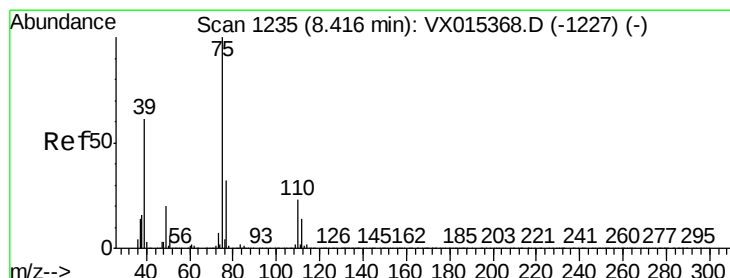
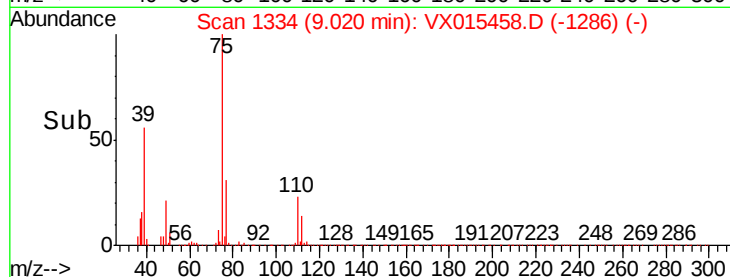
400000

200000

0

9.00 9.10

Time-->



#54

cis-1,3-Dichloropropene

Concen: 56.410 ug/l

RT: 8.42 min Scan# 1235

Delta R.T. -0.00 min

Lab File: VX015458.D

Acq: 01 Apr 2020 10:27

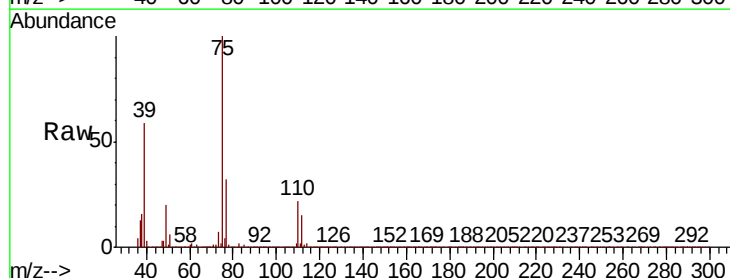
Tgt Ion: 75 Resp: 1190708

Ion Ratio Lower Upper

75 100

77 31.9 25.8 38.6

39 59.0 49.0 73.4



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

8.42

1000000

800000

600000

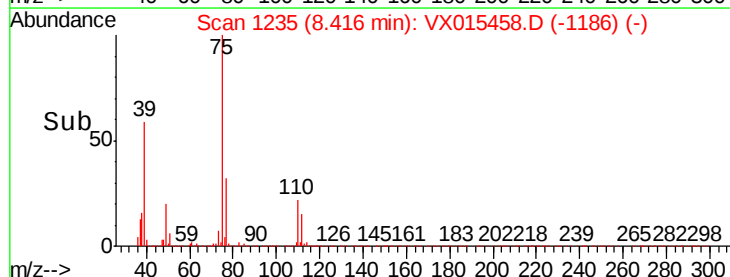
400000

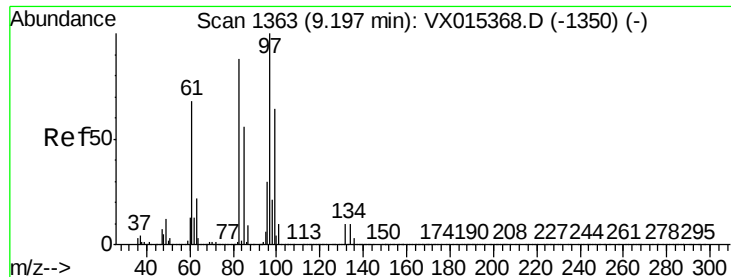
200000

0

8.30 8.40 8.50

Time-->





#55

1,1,2-Trichloroethane

Concen: 54.530 ug/l

RT: 9.20 min Scan# 1363

Delta R.T. -0.00 min

Lab File: VX015458.D

Acq: 01 Apr 2020 10:27

Instrument :

MSVOA_X

ClientSampleId :

Tot Ion: 97 Resp: 636446

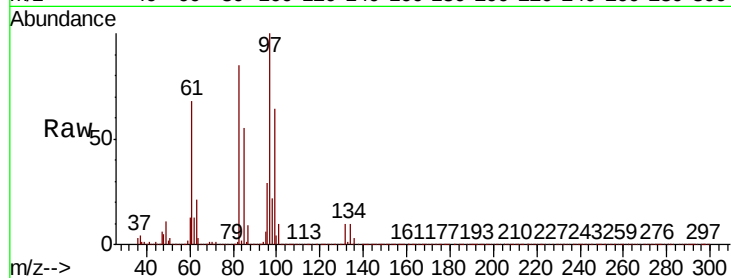
Ion Ratio Lower Upper

97 100

83 85.3 70.2 105.4

85 54.7 44.7 67.1

99 63.9 51.1 76.7

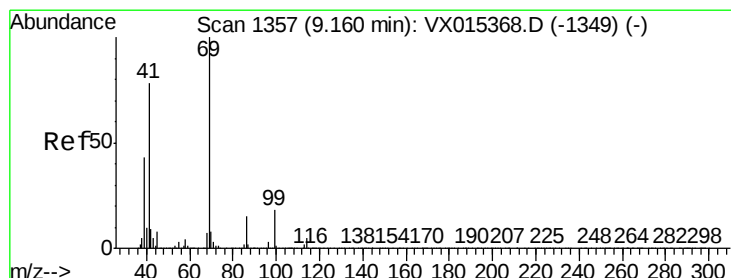
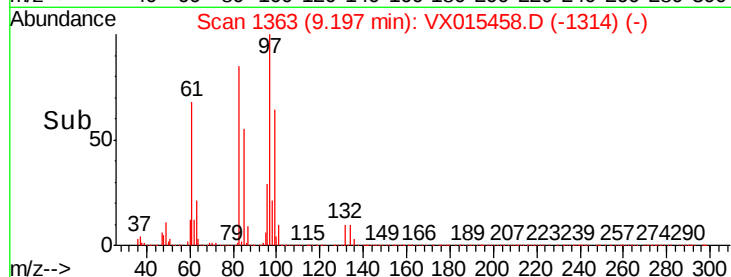
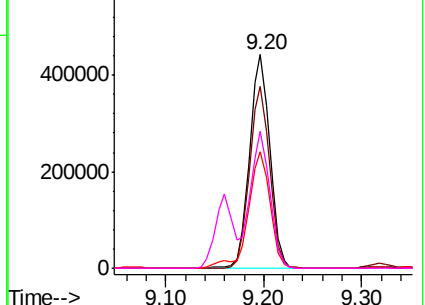


Abundance Ion 96.90 (96.60 to 97.60): VX0

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: 53.357 ug/l

RT: 9.16 min Scan# 1357

Delta R.T. -0.00 min

Lab File: VX015458.D

Acq: 01 Apr 2020 10:27

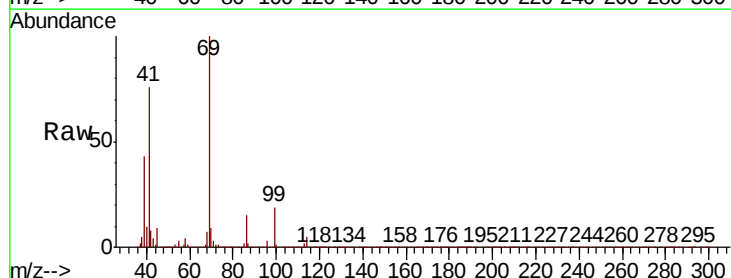
Tgt Ion: 69 Resp: 1097519

Ion Ratio Lower Upper

69 100

41 77.1 61.6 92.4

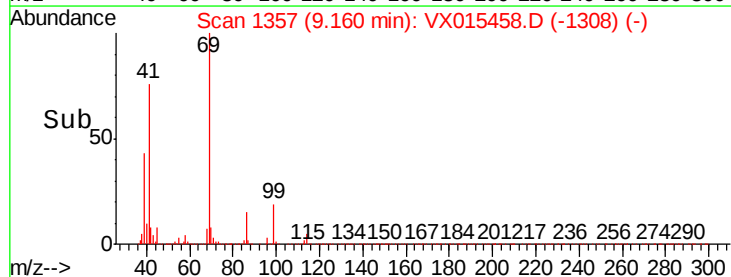
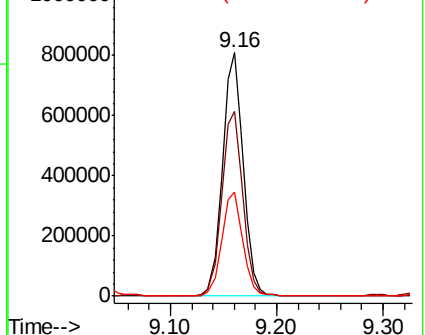
39 42.7 34.0 51.0

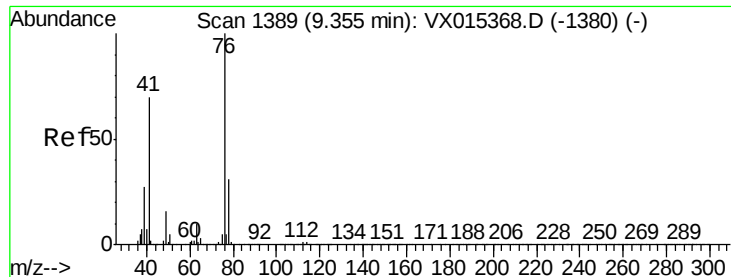


Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#57

1,3-Dichloropropane

Concen: 52.642 ug/l

RT: 9.36 min Scan# 1389

Delta R.T. -0.00 min

Lab File: VX015458.D

Acq: 01 Apr 2020 10:27

Instrument :

MSVOA_X

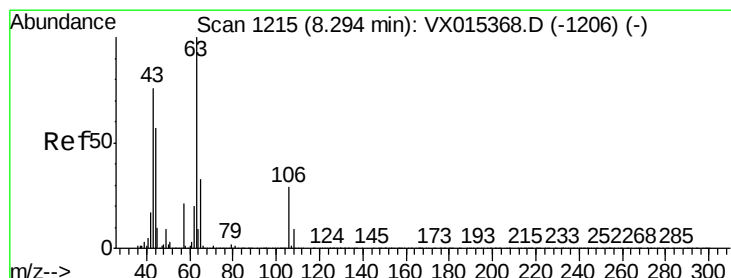
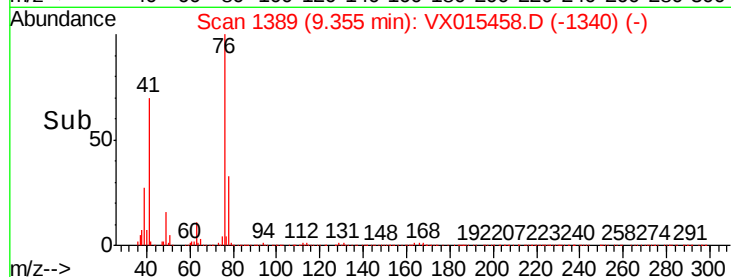
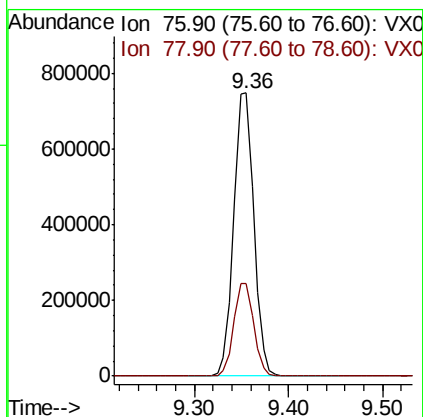
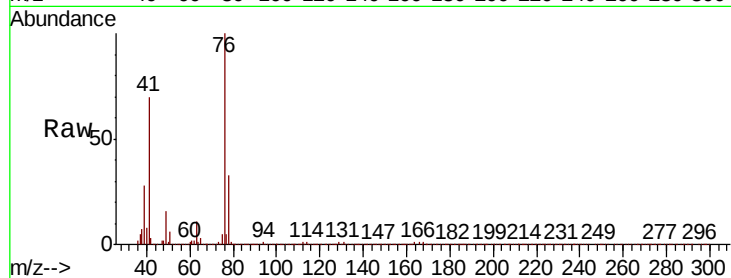
ClientSampleId :

Tot Ion: 76 Resp: 1106984

Ion Ratio Lower Upper

76 100

78 32.7 25.8 38.8



#58

2-Chloroethyl Vinyl ether

Concen: 296.475 ug/l

RT: 8.29 min Scan# 1214

Delta R.T. -0.01 min

Lab File: VX015458.D

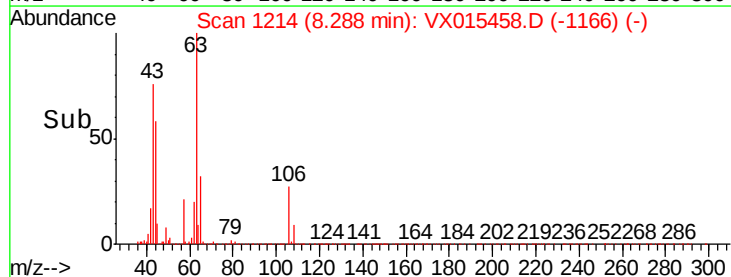
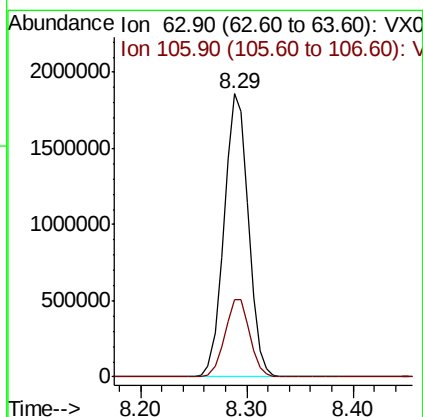
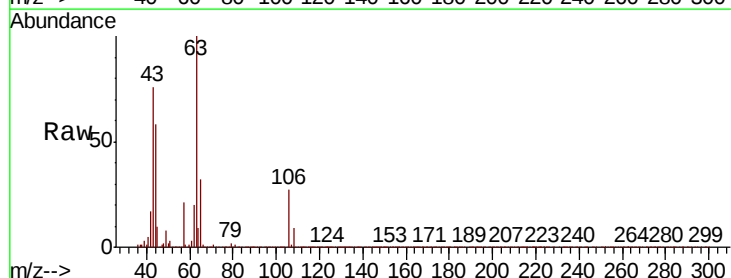
Acq: 01 Apr 2020 10:27

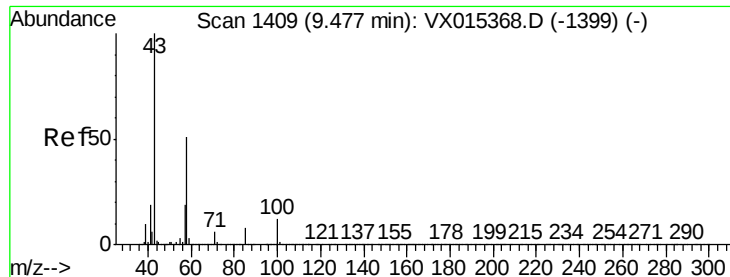
Tgt Ion: 63 Resp: 2966263

Ion Ratio Lower Upper

63 100

106 27.8 22.7 34.1

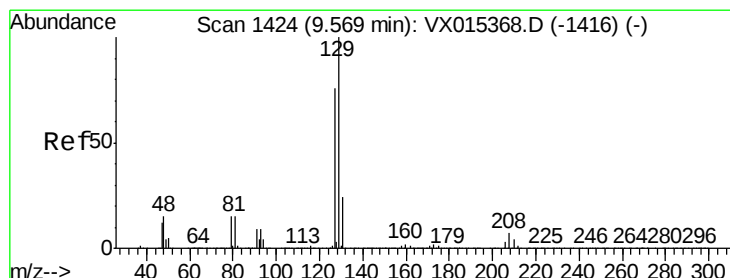
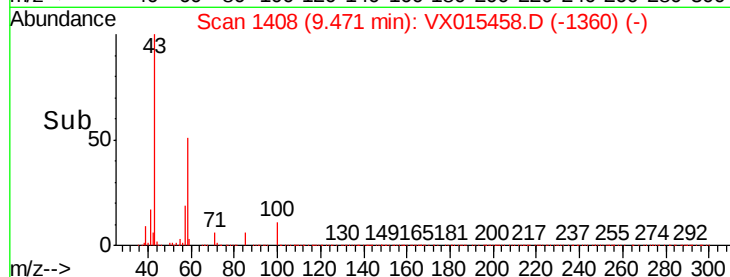
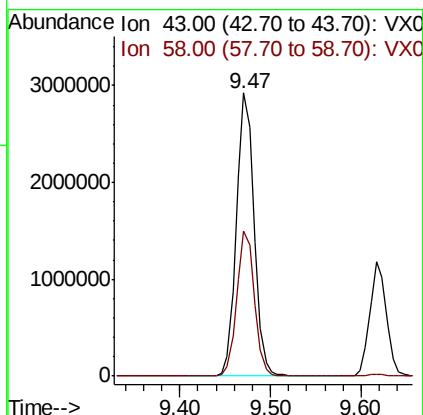
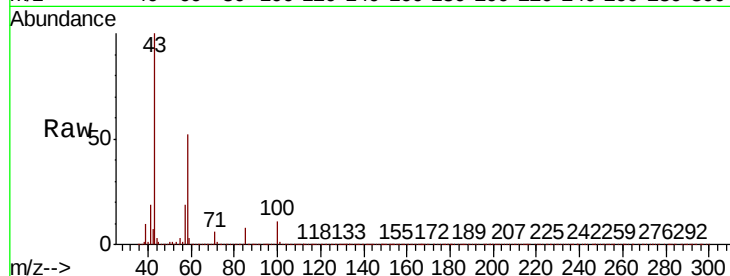




#59
2-Hexanone
Concen: 266.032 ug/l
RT: 9.47 min Scan# 1408
Delta R.T. -0.01 min
Lab File: VX015458.D
Acq: 01 Apr 2020 10:27

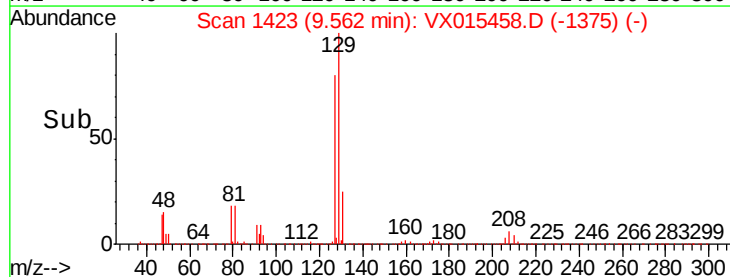
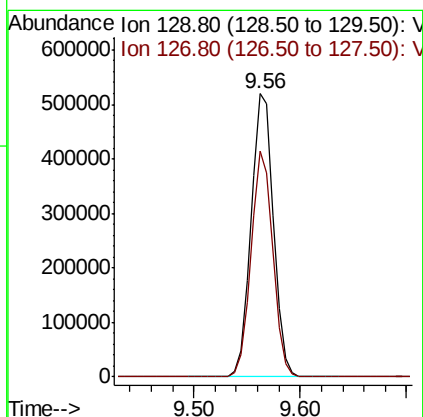
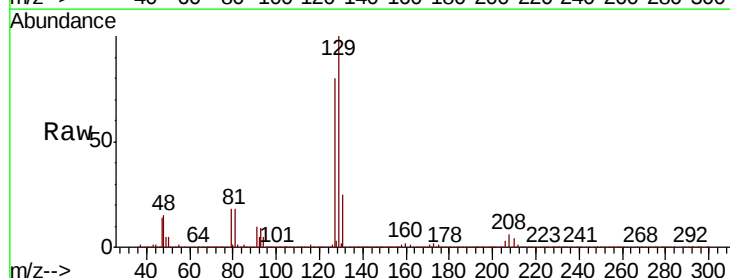
Instrument :
MSVOA_X
ClientSampleId :

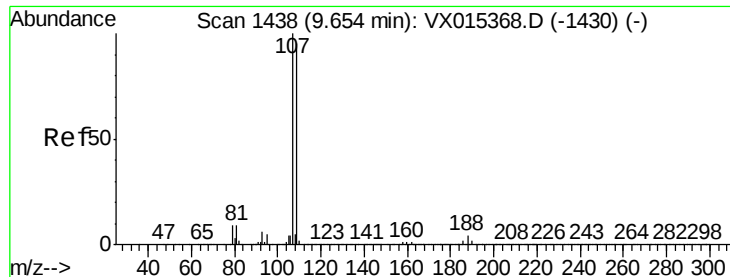
Tot Ion: 43 Resp: 3946538
Ion Ratio Lower Upper
43 100
58 50.9 25.6 76.6



#60
Dibromochloromethane
Concen: 54.684 ug/l
RT: 9.56 min Scan# 1423
Delta R.T. -0.01 min
Lab File: VX015458.D
Acq: 01 Apr 2020 10:27

Tgt Ion: 129 Resp: 766930
Ion Ratio Lower Upper
129 100
127 77.6 38.2 114.6

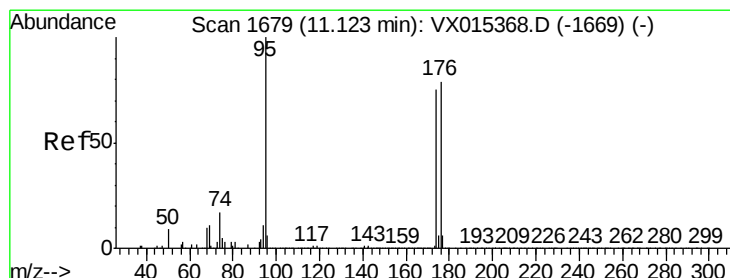
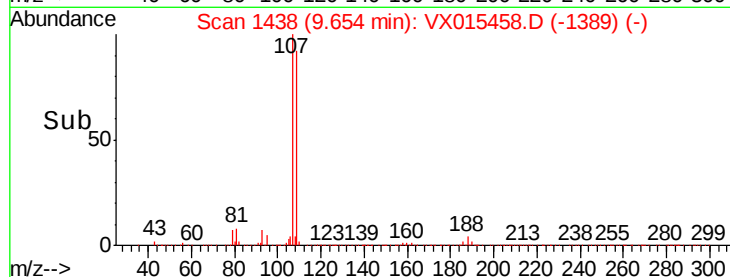
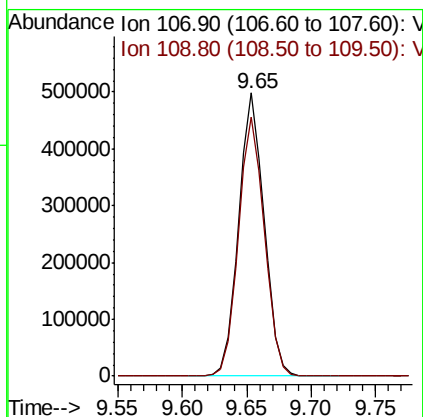
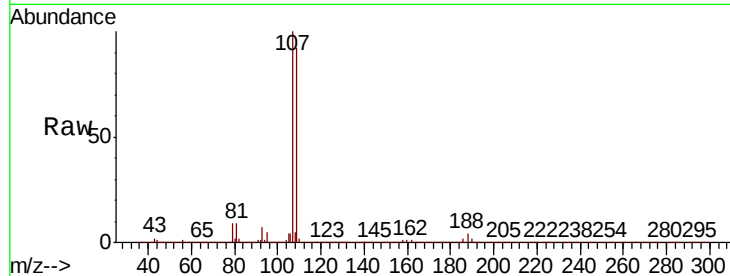




#61
 1,2-Dibromoethane
 Concen: 53.588 ug/l
 RT: 9.65 min Scan# 1438
 Delta R.T. -0.00 min
 Lab File: VX015458.D
 Acq: 01 Apr 2020 10:27

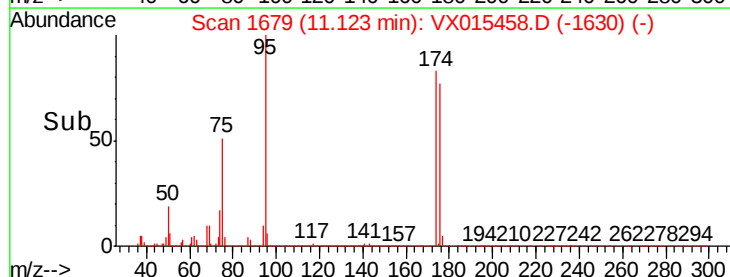
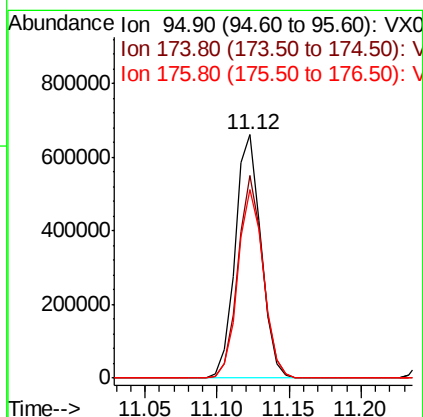
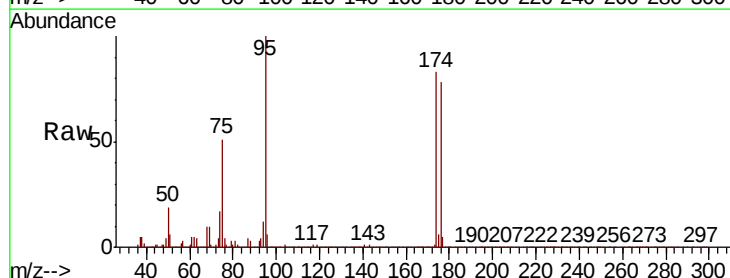
Instrument :
 MSVOA_X
 ClientSampled :

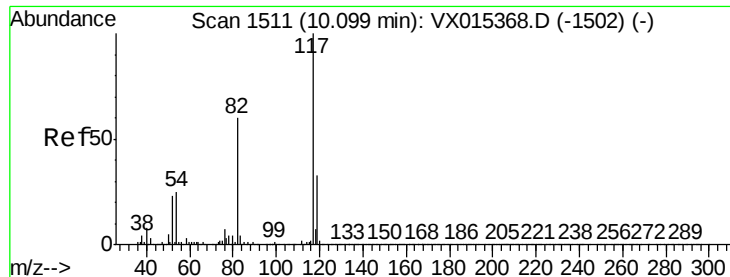
Tot Ion: 107 Resp: 680078
 Ion Ratio Lower Upper
 107 100
 109 93.1 74.8 112.2



#62
 4-Bromofluorobenzene
 Concen: 50.448 ug/l
 RT: 11.12 min Scan# 1679
 Delta R.T. -0.00 min
 Lab File: VX015458.D
 Acq: 01 Apr 2020 10:27

Tgt Ion: 95 Resp: 826063
 Ion Ratio Lower Upper
 95 100
 174 80.1 0.0 158.6
 176 77.0 0.0 159.0

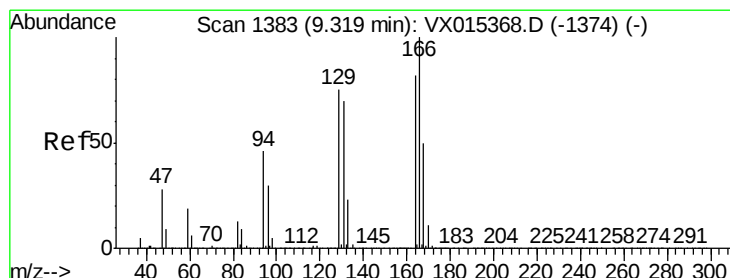
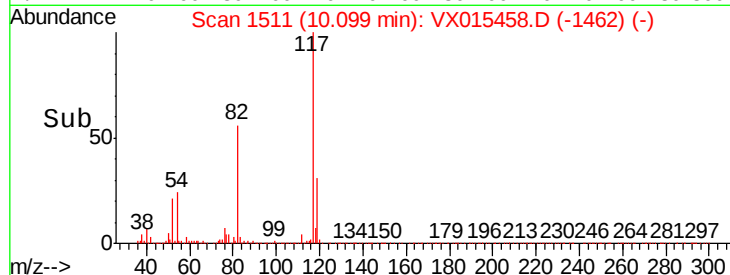
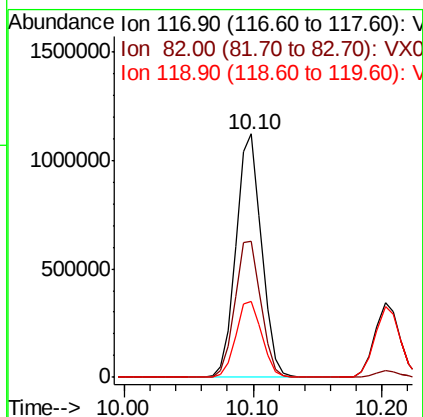
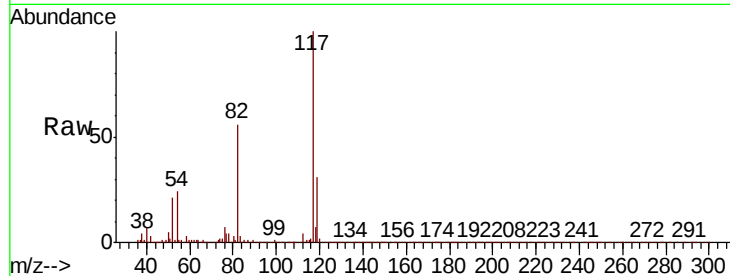




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1511
Delta R.T. -0.00 min
Lab File: VX015458.D
Acq: 01 Apr 2020 10:27

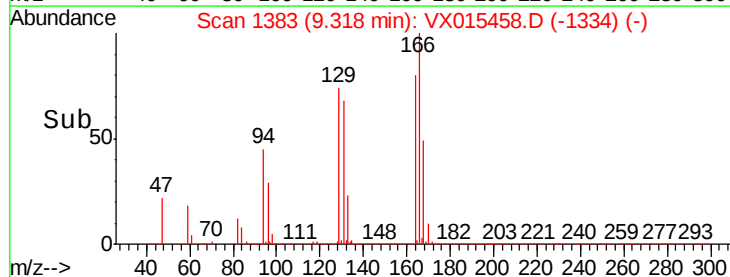
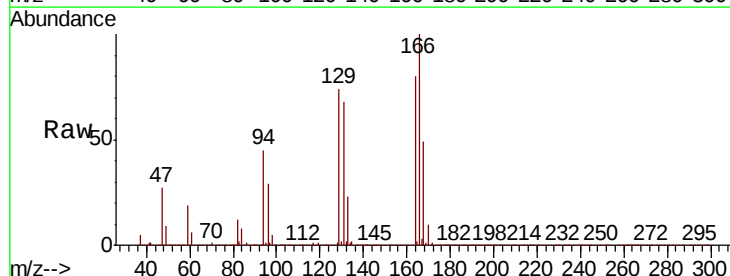
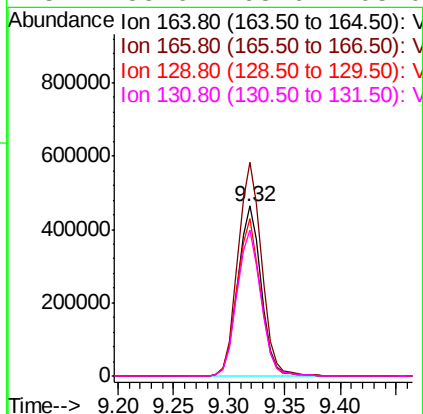
Instrument :
MSVOA_X
ClientSampleId :

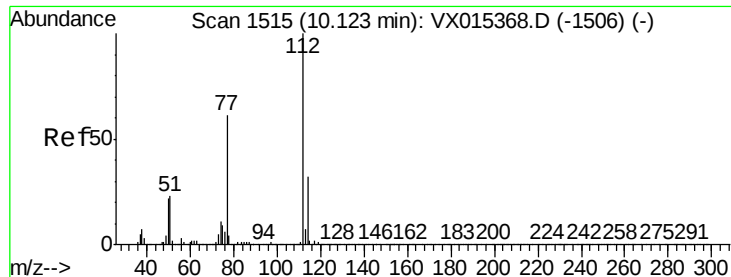
Tot Ion:117 Resp: 1541335
Ion Ratio Lower Upper
117 100
82 55.8 47.8 71.8
119 31.0 26.8 40.2



#64
Tetrachloroethene
Concen: 58.133 ug/l
RT: 9.32 min Scan# 1383
Delta R.T. -0.00 min
Lab File: VX015458.D
Acq: 01 Apr 2020 10:27

Tgt Ion:164 Resp: 676213
Ion Ratio Lower Upper
164 100
166 125.5 97.8 146.6
129 92.9 73.0 109.4
131 85.6 68.6 103.0

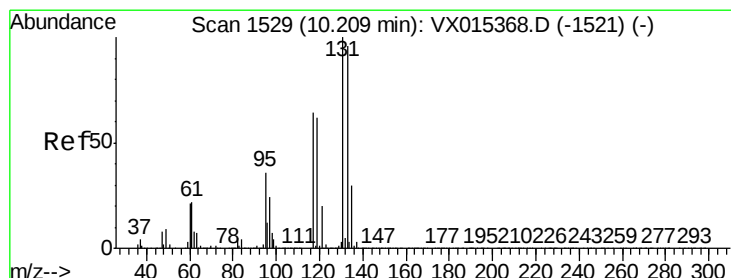
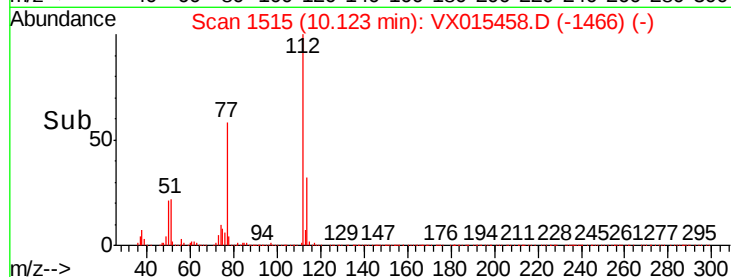
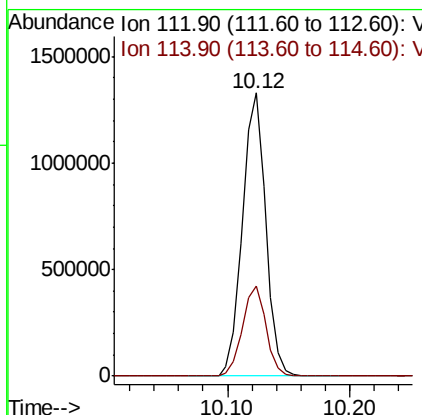
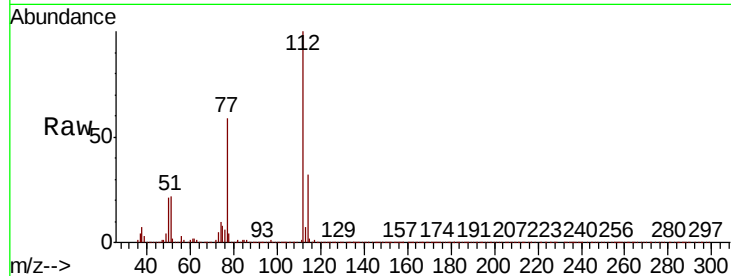




#65
Chlorobenzene
Concen: 56.832 ug/l
RT: 10.12 min Scan# 1515
Delta R.T. -0.00 min
Lab File: VX015458.D
Acq: 01 Apr 2020 10:27

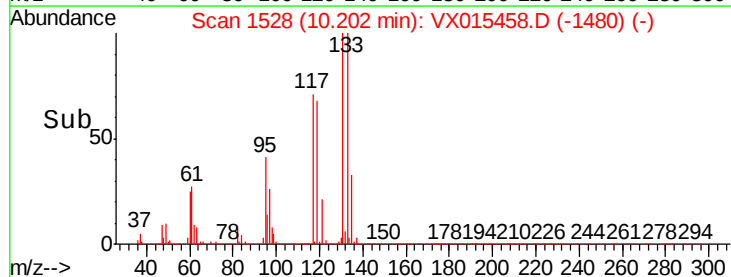
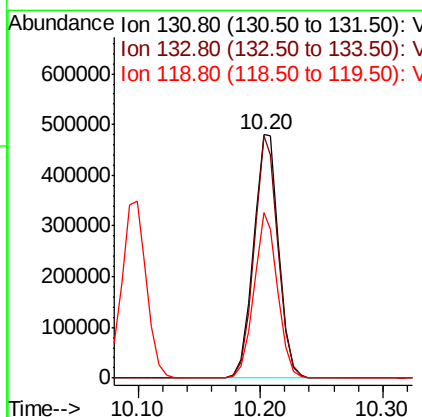
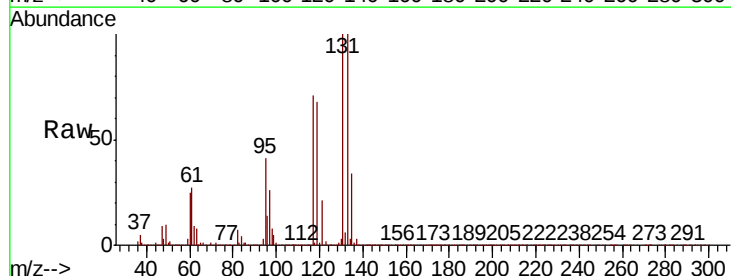
Instrument :
MSVOA_X
ClientSampleId :

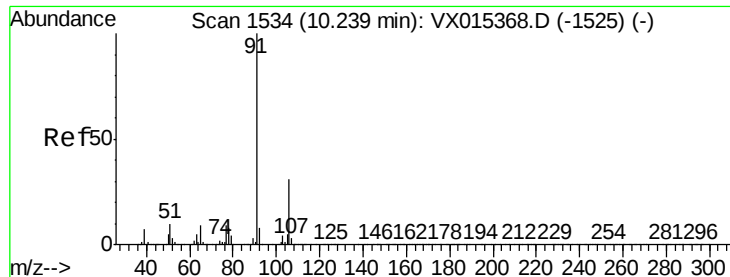
Tot Ion:112 Resp: 1746966
Ion Ratio Lower Upper
112 100
114 31.7 25.5 38.3



#66
1,1,1,2-Tetrachloroethane
Concen: 55.810 ug/l
RT: 10.20 min Scan# 1528
Delta R.T. -0.01 min
Lab File: VX015458.D
Acq: 01 Apr 2020 10:27

Tgt Ion:131 Resp: 685364
Ion Ratio Lower Upper
131 100
133 94.4 47.6 142.9
119 64.0 31.1 93.3





#67

Ethyl Benzene

Concen: 57.519 ug/l

RT: 10.23 min Scan# 1533

Delta R.T. -0.01 min

Lab File: VX015458.D

Acq: 01 Apr 2020 10:27

Instrument :

MSVOA_X

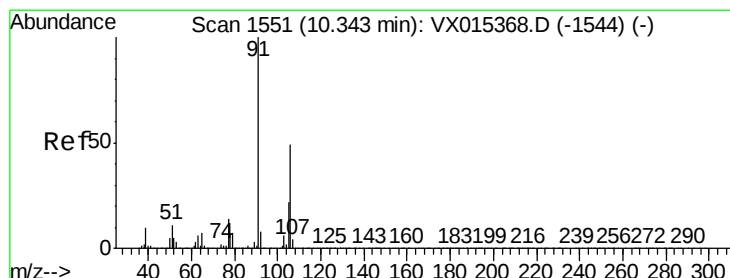
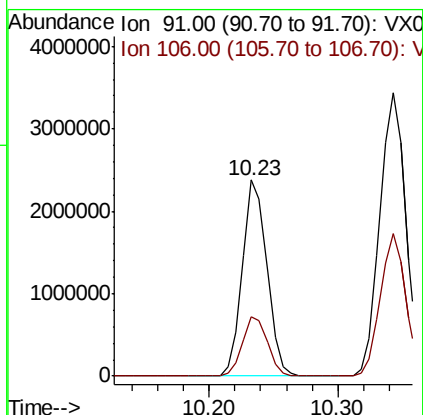
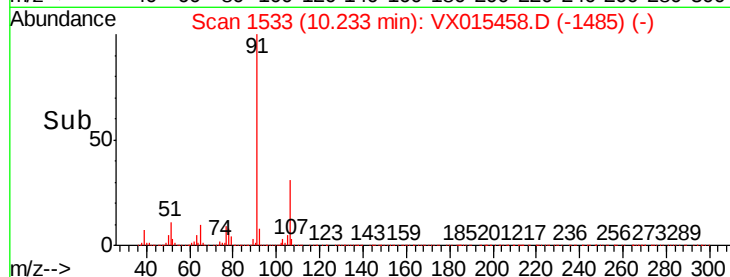
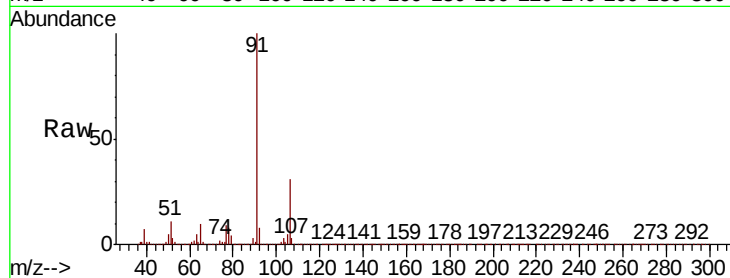
ClientSampleId :

Tot Ion: 91 Resp: 3135809

Ion Ratio Lower Upper

91 100

106 30.6 24.8 37.2



#68

m/p-Xylenes

Concen: 116.597 ug/l

RT: 10.34 min Scan# 1551

Delta R.T. -0.00 min

Lab File: VX015458.D

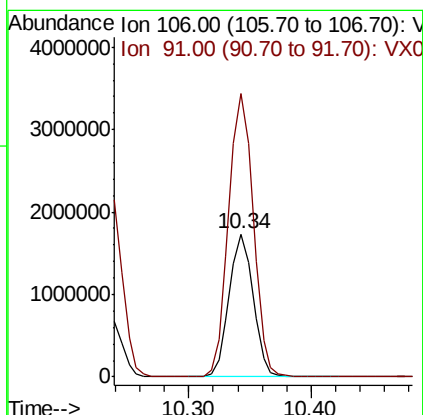
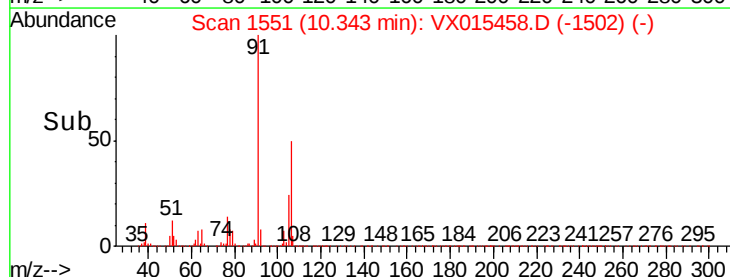
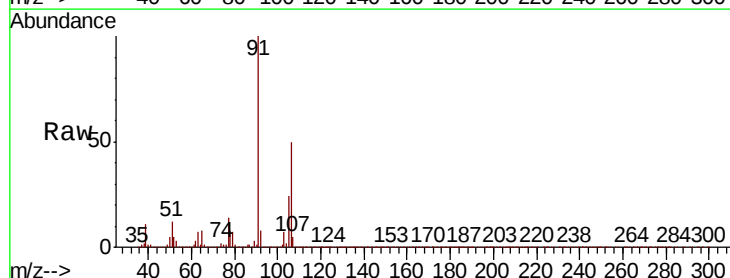
Acq: 01 Apr 2020 10:27

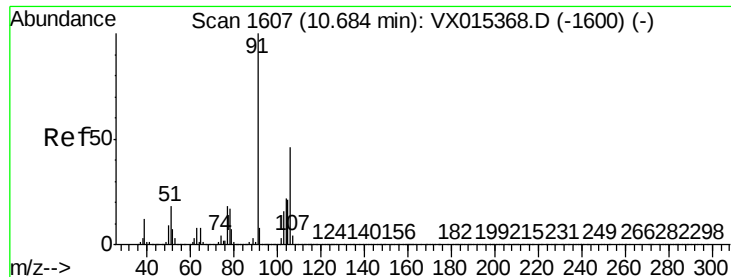
Tgt Ion: 106 Resp: 2367001

Ion Ratio Lower Upper

106 100

91 203.1 163.4 245.0

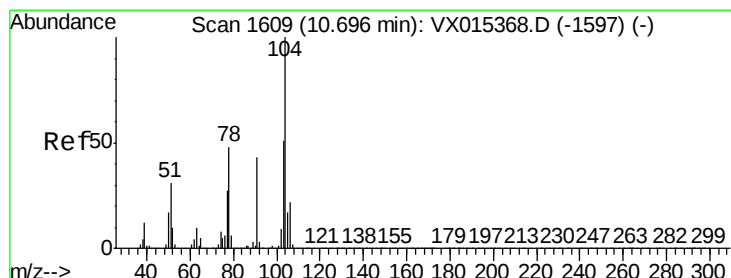
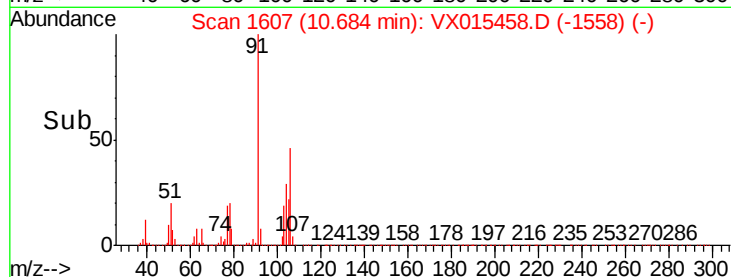
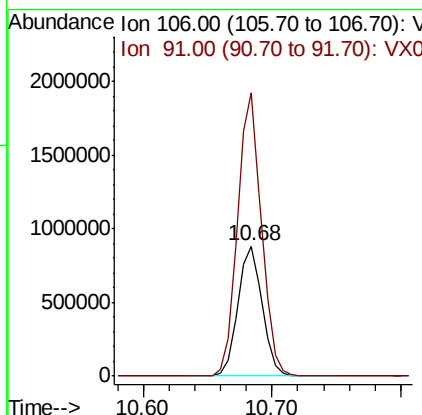
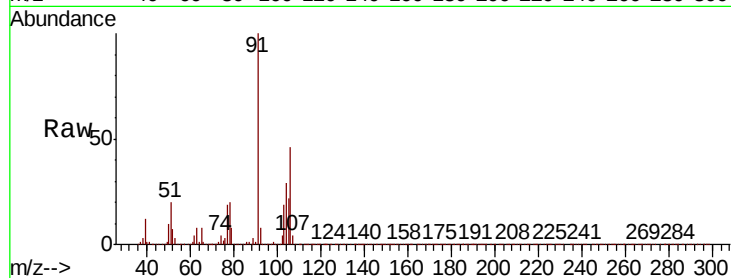




#69
o-Xylene
Concen: 57.460 ug/l
RT: 10.68 min Scan# 1607
Delta R.T. -0.00 min
Lab File: VX015458.D
Acq: 01 Apr 2020 10:27

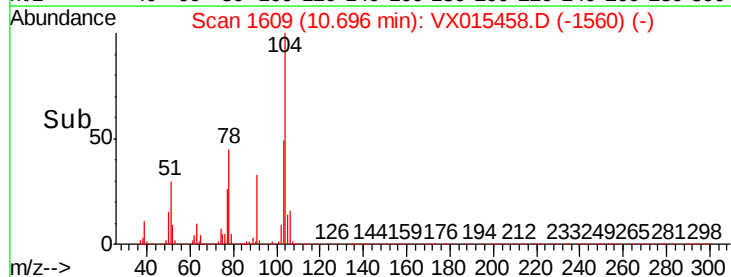
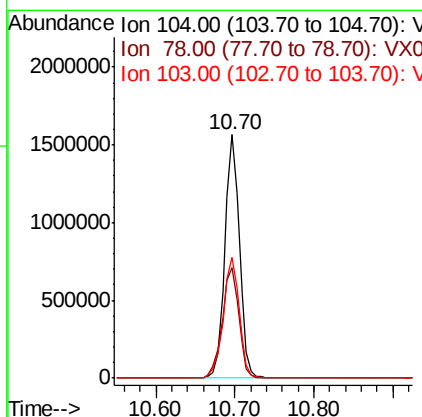
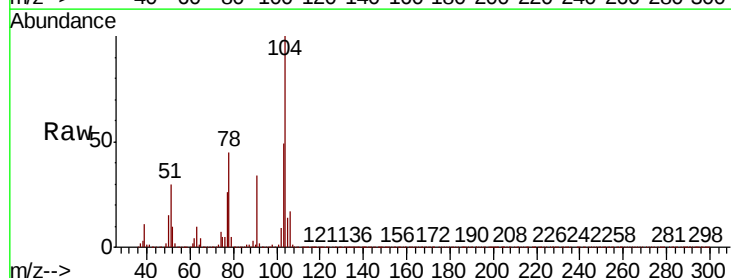
Instrument :
MSVOA_X
ClientSampleId :

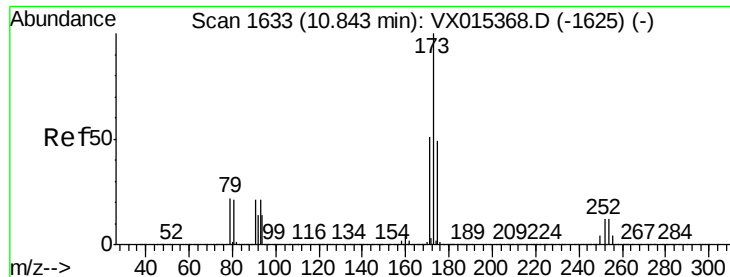
Tot Ion:106 Resp: 1152686
Ion Ratio Lower Upper
106 100
91 214.3 107.1 321.3



#70
Styrene
Concen: 56.717 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. -0.00 min
Lab File: VX015458.D
Acq: 01 Apr 2020 10:27

Tgt Ion:104 Resp: 2002120
Ion Ratio Lower Upper
104 100
78 51.7 42.0 63.0
103 54.0 43.4 65.0

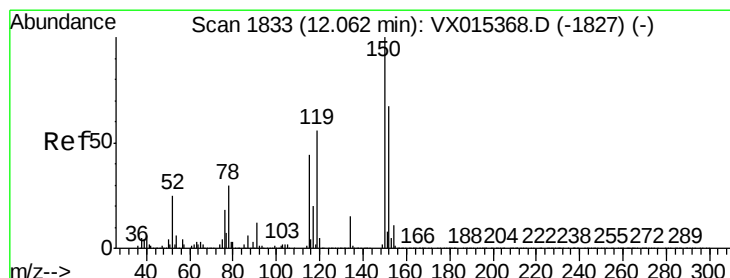
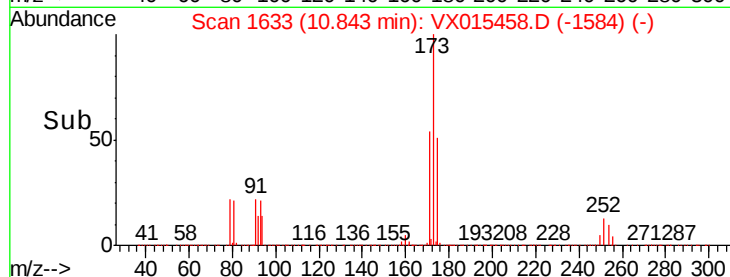
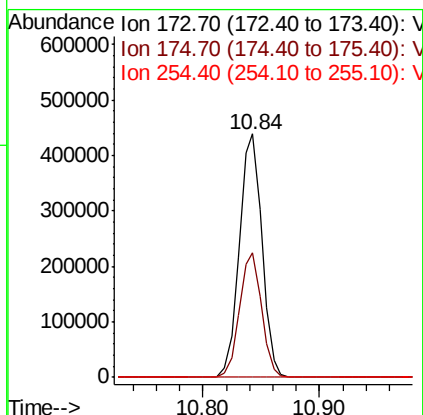
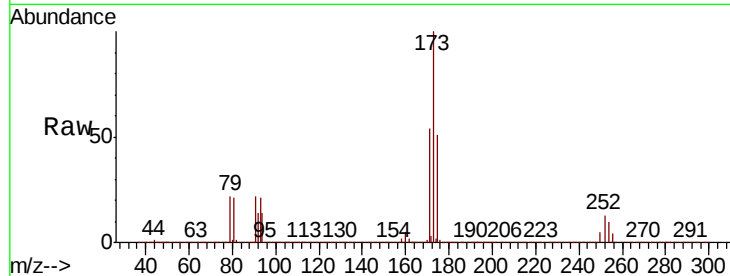




#71
Bromoform
Concen: 53.129 ug/l
RT: 10.84 min Scan# 1633
Delta R.T. -0.00 min
Lab File: VX015458.D
Acq: 01 Apr 2020 10:27

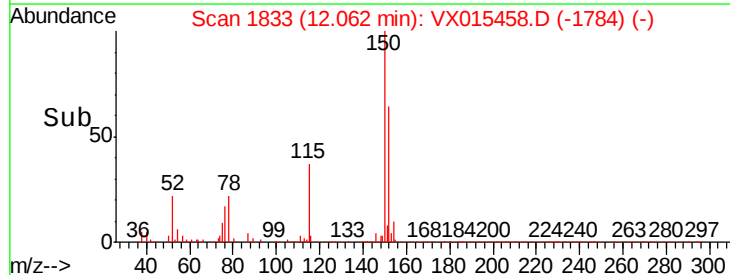
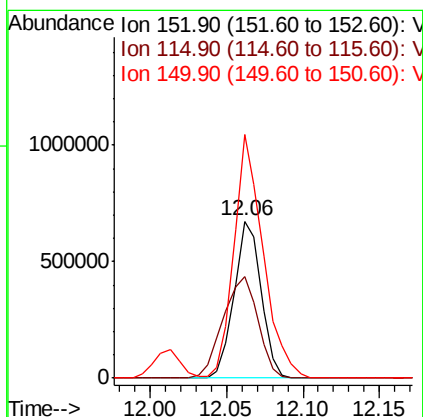
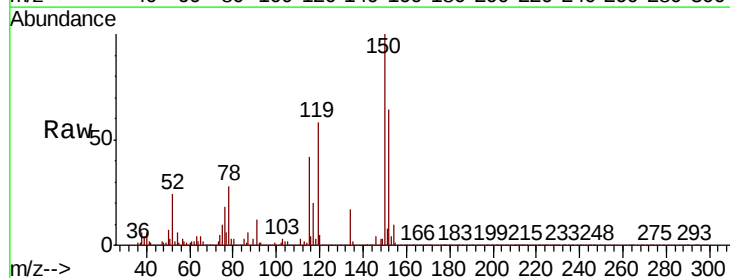
Instrument :
MSVOA_X
ClientSampleId :

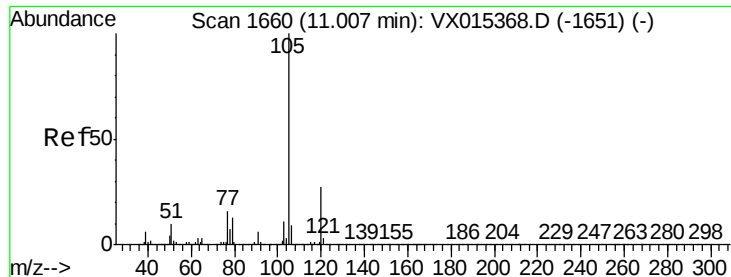
Tot Ion:173 Resp: 593943
Ion Ratio Lower Upper
173 100
175 49.9 23.9 71.7
254 0.2 0.1 0.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1833
Delta R.T. -0.00 min
Lab File: VX015458.D
Acq: 01 Apr 2020 10:27

Tgt Ion:152 Resp: 823592
Ion Ratio Lower Upper
152 100
115 83.2 39.0 116.9
150 167.5 0.0 340.8





#73

Isopropylbenzene

Concen: 56.383 ug/l

RT: 11.00 min Scan# 1659

Delta R.T. -0.01 min

Lab File: VX015458.D

Acq: 01 Apr 2020 10:27

Instrument :

MSVOA_X

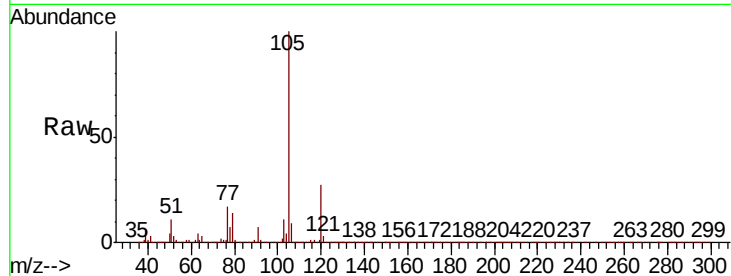
ClientSampleId :

Tot Ion:105 Resp: 3042632

Ion Ratio Lower Upper

105 100

120 27.1 13.2 39.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

2500000

2000000

1500000

1000000

500000

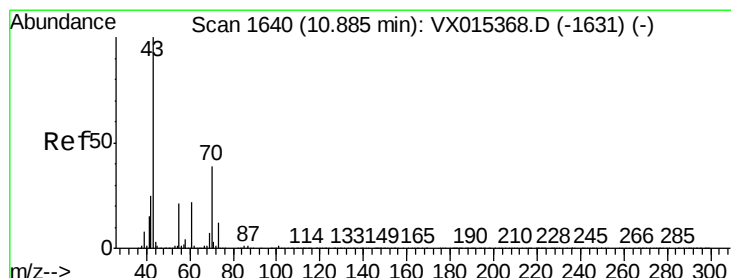
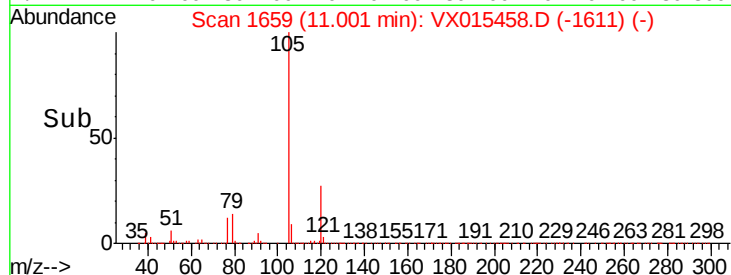
0

11.00

10.90

11.10

Time-->



#74

N-ethyl acetate

Concen: 52.045 ug/l

RT: 10.88 min Scan# 1639

Delta R.T. -0.01 min

Lab File: VX015458.D

Acq: 01 Apr 2020 10:27

Tgt Ion: 43 Resp: 1562047

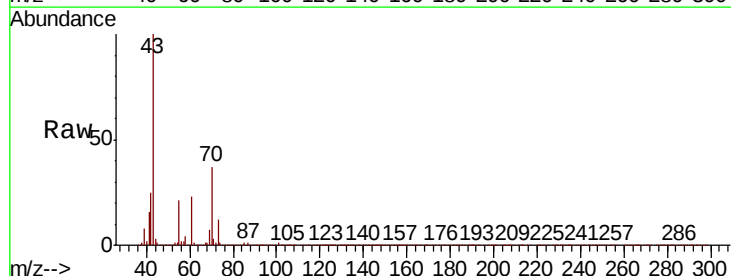
Ion Ratio Lower Upper

43 100

70 38.5 30.2 45.4

55 21.5 16.8 25.2

61 22.4 18.2 27.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

2000000

1500000

1000000

500000

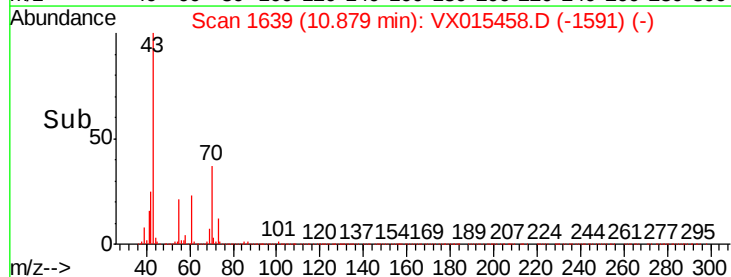
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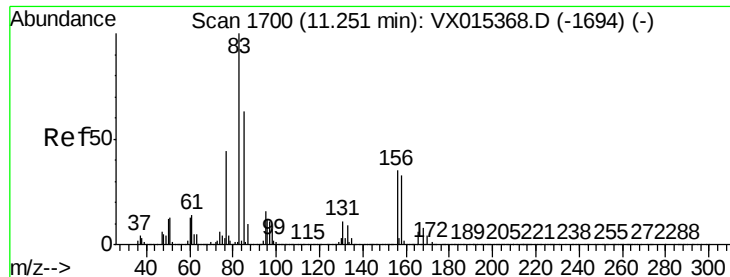
10.88

10.80

10.90

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 52.087 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. -0.00 min

Lab File: VX015458.D

Acq: 01 Apr 2020 10:27

Instrument :

MSVOA_X

ClientSampled :

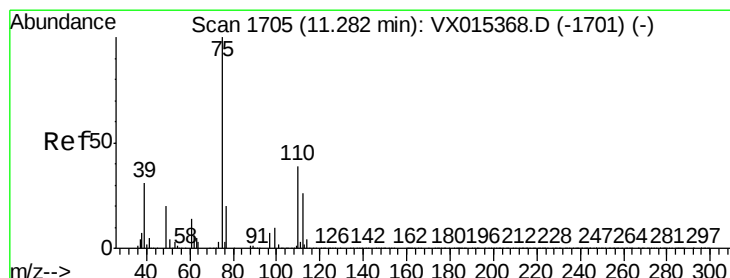
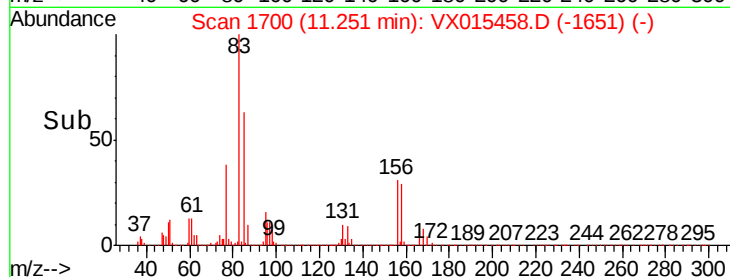
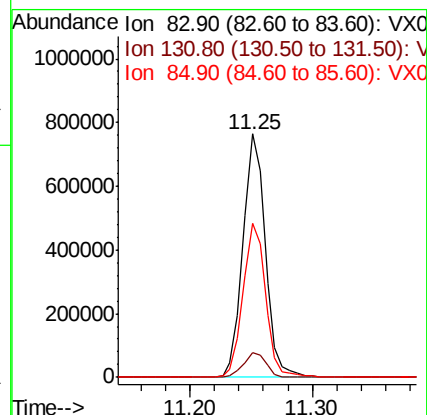
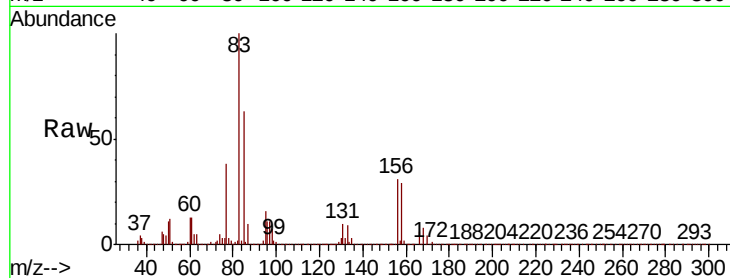
Tot Ion: 83 Resp: 964490

Ion Ratio Lower Upper

83 100

131 10.3 5.3 16.1

85 63.9 32.0 96.0



#76

1,2,3-Trichloropropane

Concen: 70.593 ug/l

RT: 11.28 min Scan# 1705

Delta R.T. -0.00 min

Lab File: VX015458.D

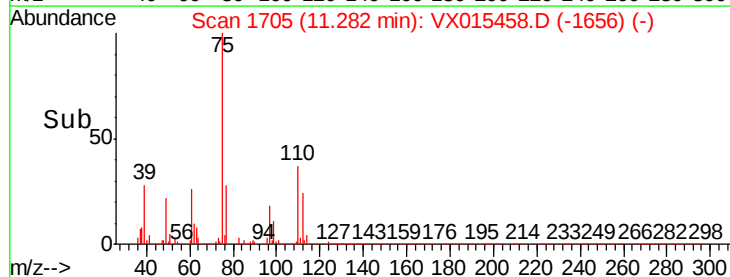
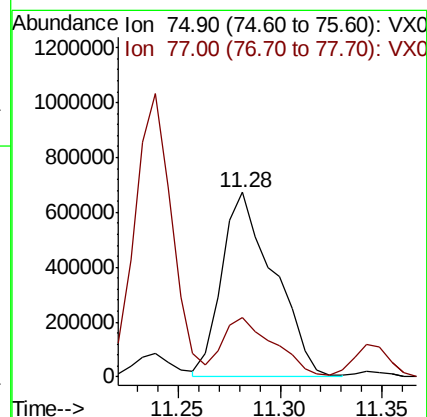
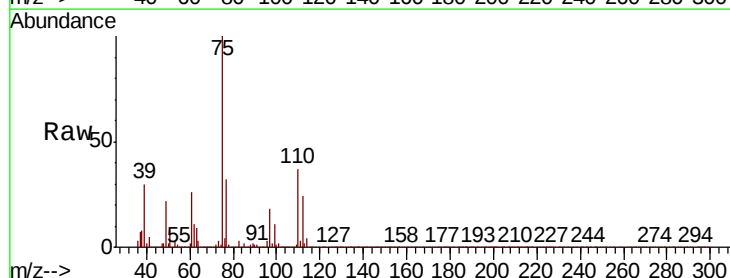
Acq: 01 Apr 2020 10:27

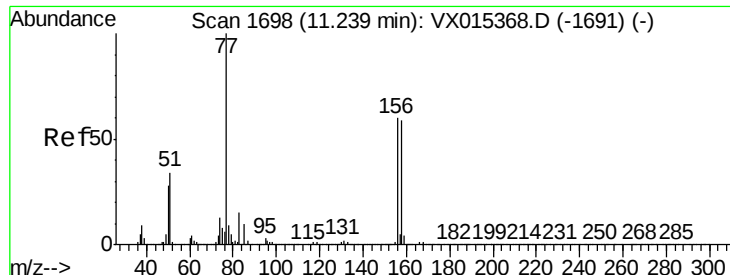
Tgt Ion: 75 Resp: 1195602

Ion Ratio Lower Upper

75 100

77 31.6 21.2 63.6





#77

Bromobenzene

Concen: 54.577 ug/l

RT: 11.24 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX015458.D

Acq: 01 Apr 2020 10:27

Instrument :

MSVOA_X

ClientSampleId :

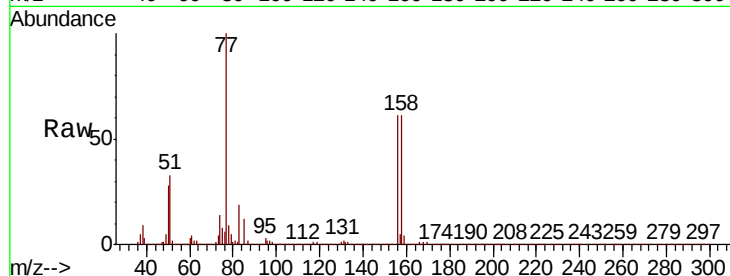
Tot Ion:156 Resp: 785585

Ion Ratio Lower Upper

156 100

77 166.4 82.2 246.5

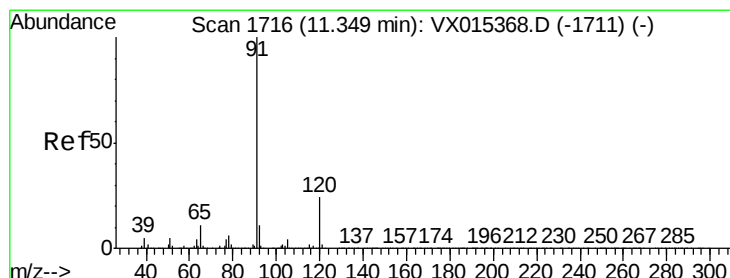
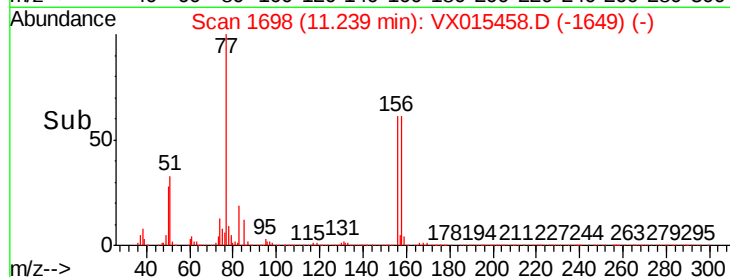
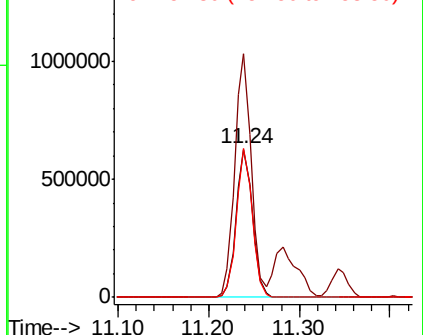
158 97.5 49.3 147.9



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 58.122 ug/l

RT: 11.34 min Scan# 1715

Delta R.T. -0.01 min

Lab File: VX015458.D

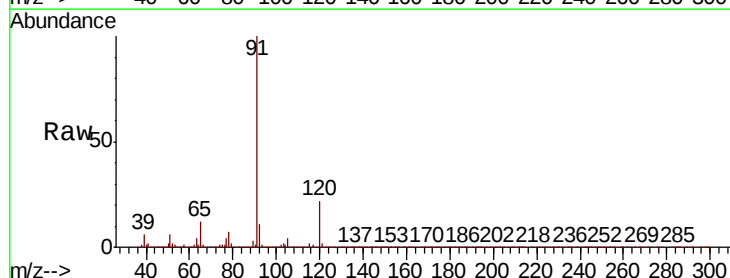
Acq: 01 Apr 2020 10:27

Tgt Ion: 91 Resp: 3586422

Ion Ratio Lower Upper

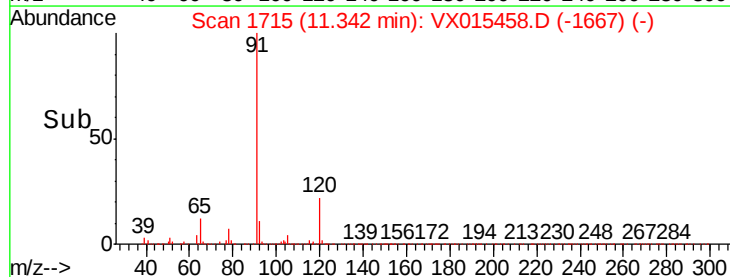
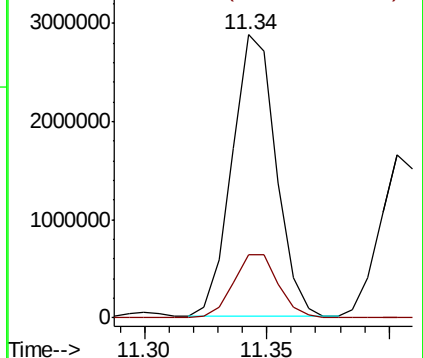
91 100

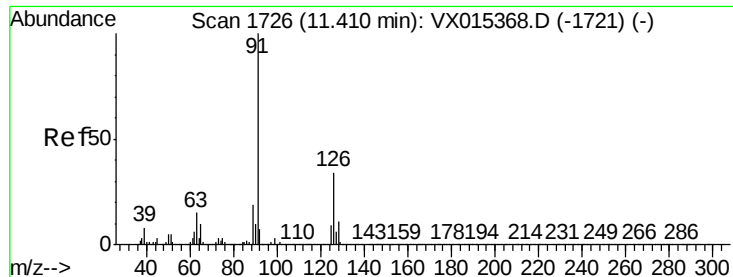
120 23.1 11.7 35.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 56.415 ug/l

RT: 11.40 min Scan# 1725

Delta R.T. -0.01 min

Lab File: VX015458.D

Acq: 01 Apr 2020 10:27

Instrument :

MSVOA_X

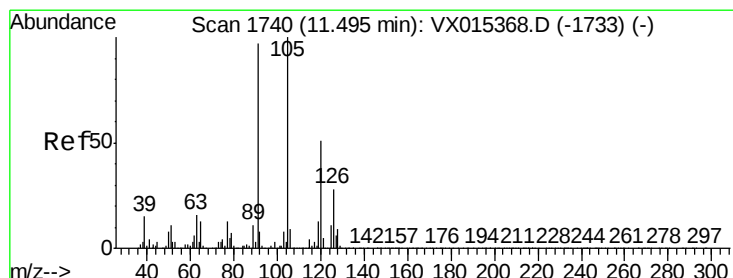
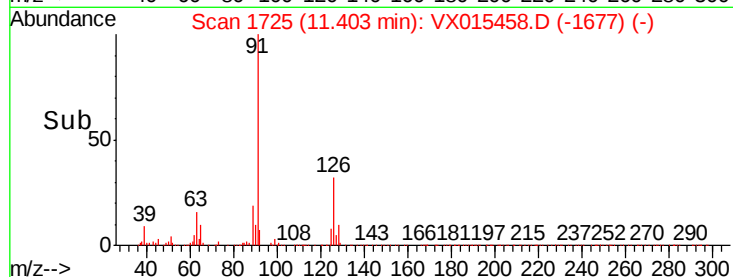
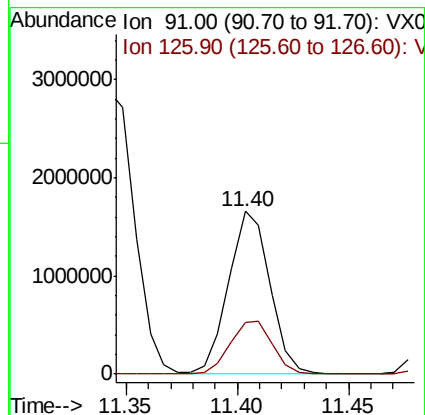
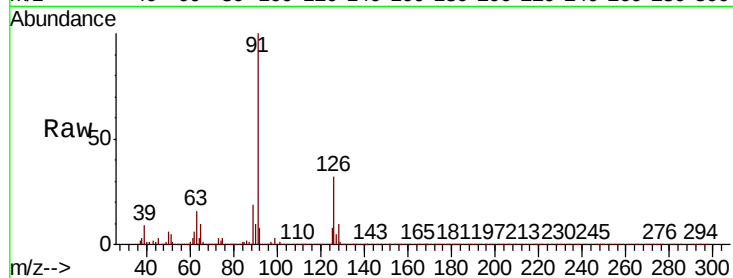
ClientSampleId :

Tot Ion: 91 Resp: 2133684

Ion Ratio Lower Upper

91 100

126 33.7 16.5 49.5



#80

1,3,5-Trimethylbenzene

Concen: 57.690 ug/l

RT: 11.49 min Scan# 1739

Delta R.T. -0.01 min

Lab File: VX015458.D

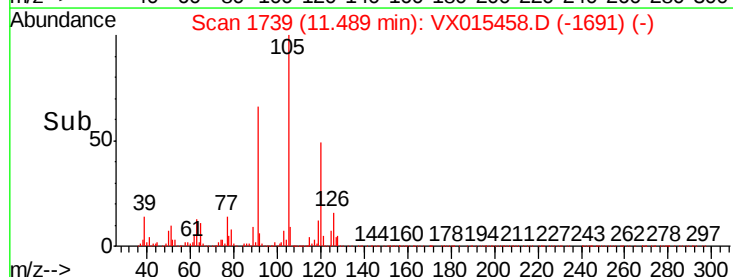
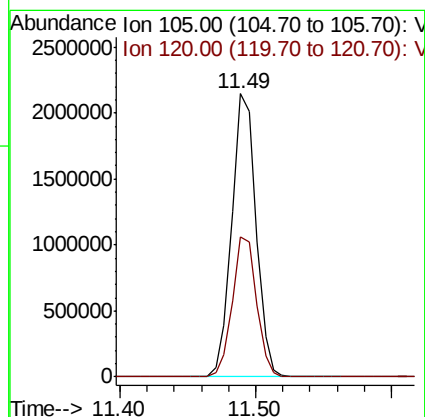
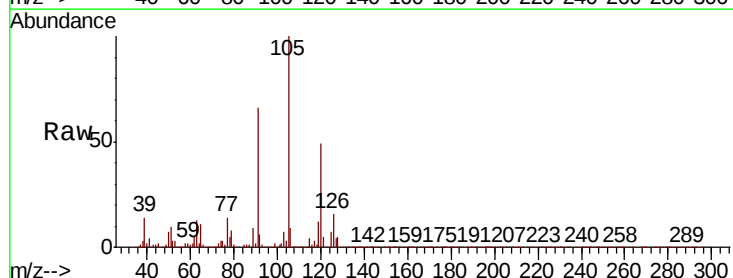
Acq: 01 Apr 2020 10:27

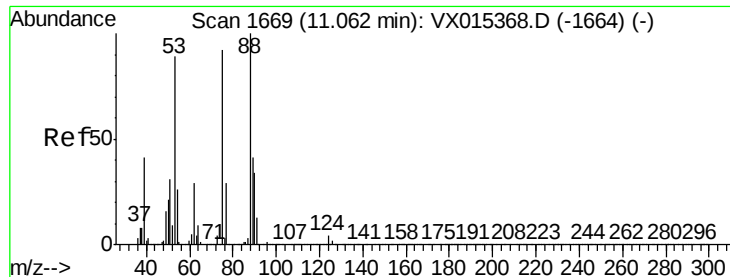
Tgt Ion: 105 Resp: 2658749

Ion Ratio Lower Upper

105 100

120 49.4 24.8 74.4





#81

trans-1,4-Dichloro-2-butene

Concen: 52.639 ug/l

RT: 11.06 min Scan# 1668

Delta R.T. -0.01 min

Lab File: VX015458.D

Acq: 01 Apr 2020 10:27

Instrument :

MSVOA_X

ClientSampleId :

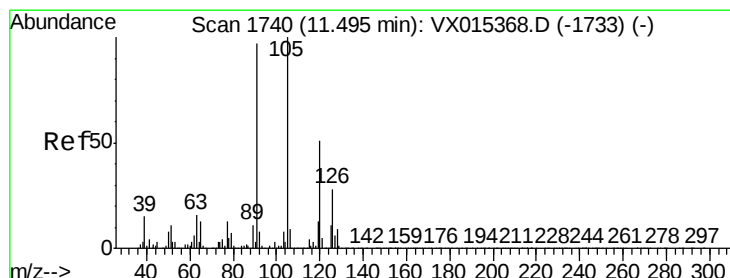
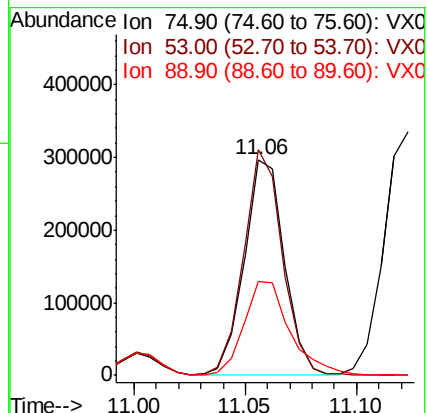
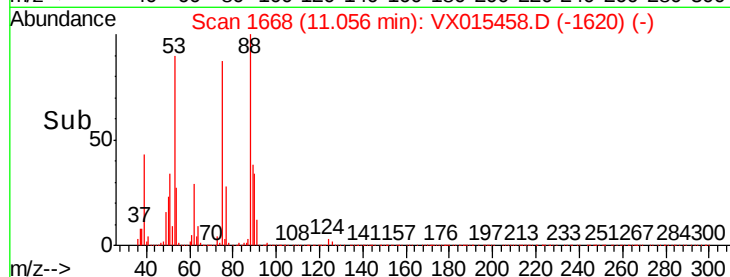
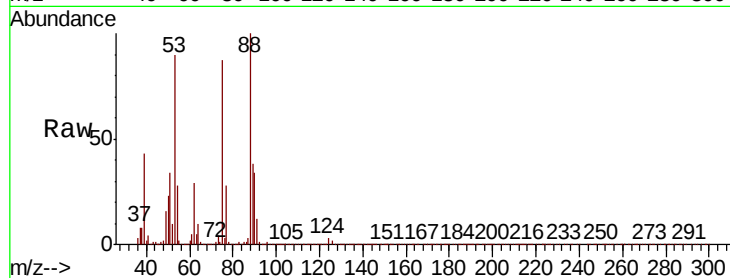
Tot Ion: 75 Resp: 371550

Ion Ratio Lower Upper

75 100

53 101.1 80.1 120.1

89 50.4 36.1 54.1



#82

4-Chlorotoluene

Concen: 57.216 ug/l

RT: 11.49 min Scan# 1740

Delta R.T. -0.00 min

Lab File: VX015458.D

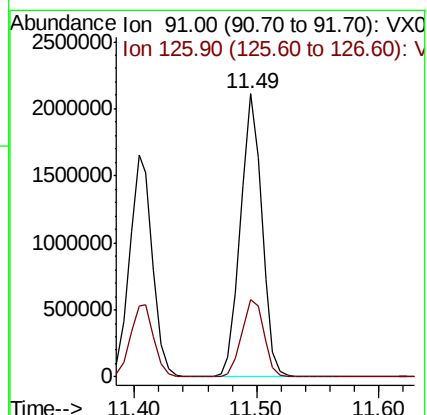
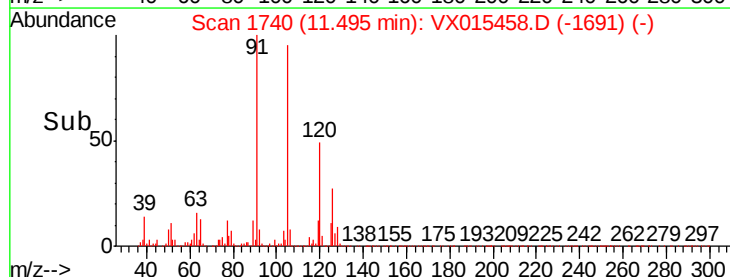
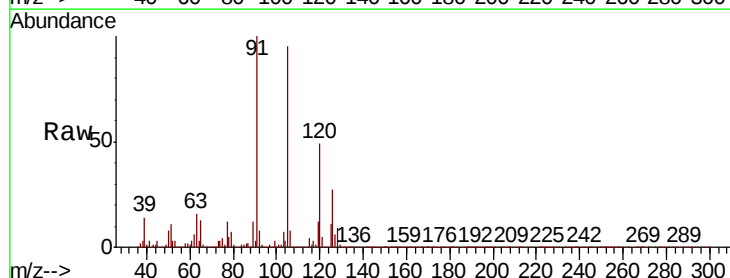
Acq: 01 Apr 2020 10:27

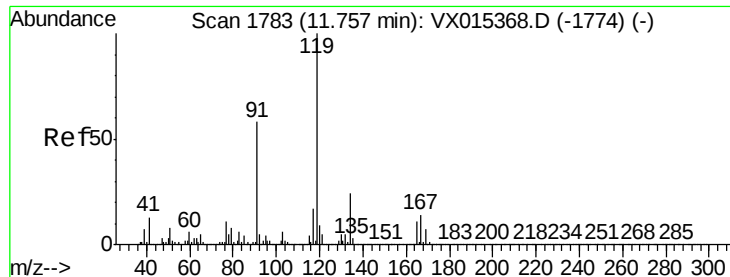
Tgt Ion: 91 Resp: 2536829

Ion Ratio Lower Upper

91 100

126 28.5 14.7 44.1

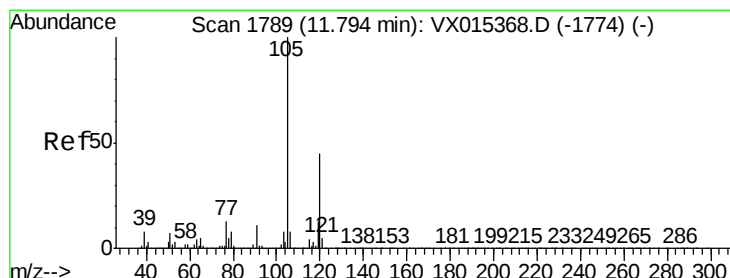
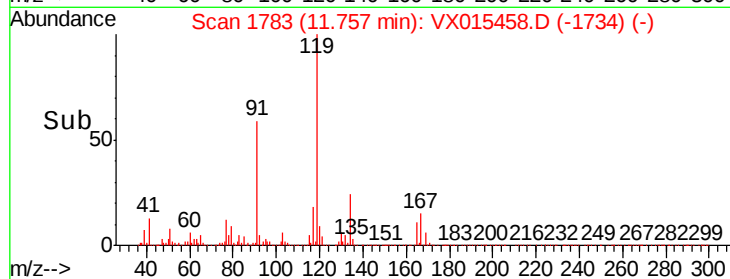
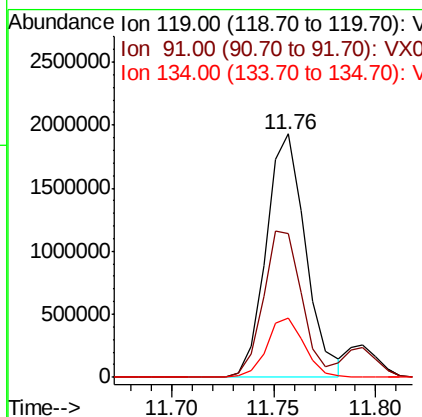
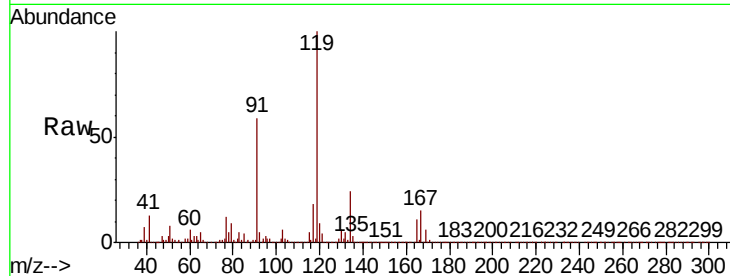




#83
tert-Butylbenzene
Concen: 57.680 ug/l
RT: 11.76 min Scan# 1783
Delta R.T. -0.00 min
Lab File: VX015458.D
Acq: 01 Apr 2020 10:27

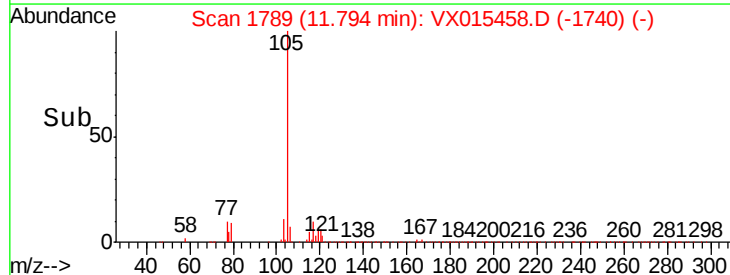
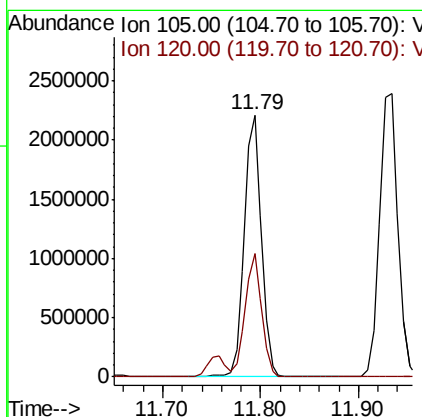
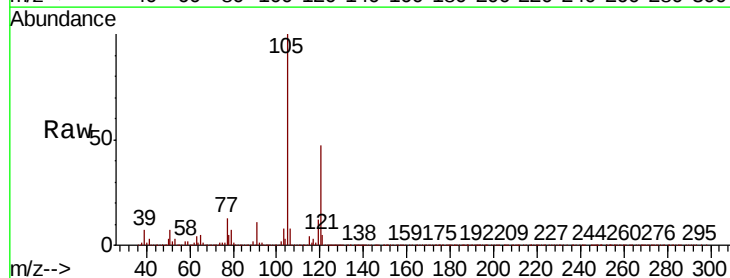
Instrument :
MSVOA_X
ClientSampleId :

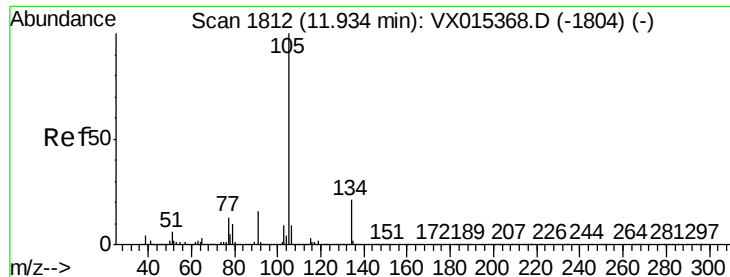
Tot Ion:119 Resp: 2596548
Ion Ratio Lower Upper
119 100
91 58.4 28.6 85.8
134 23.0 11.8 35.3



#84
1,2,4-Trimethylbenzene
Concen: 57.204 ug/l
RT: 11.79 min Scan# 1789
Delta R.T. -0.00 min
Lab File: VX015458.D
Acq: 01 Apr 2020 10:27

Tgt Ion:105 Resp: 2686523
Ion Ratio Lower Upper
105 100
120 45.2 22.7 68.1





#85

sec-Butylbenzene

Concen: 59.479 ug/l

RT: 11.93 min Scan# 1812

Delta R.T. -0.00 min

Lab File: VX015458.D

Acq: 01 Apr 2020 10:27

Instrument :

MSVOA_X

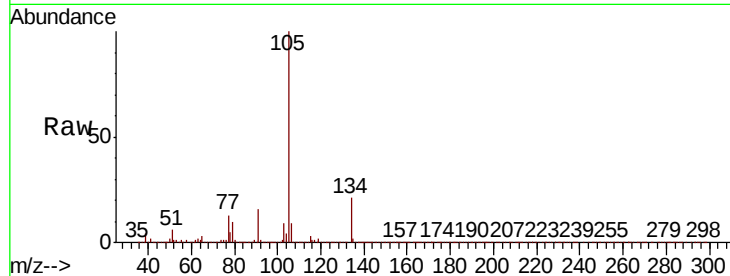
ClientSampleId :

Tot Ion:105 Resp: 3096653

Ion Ratio Lower Upper

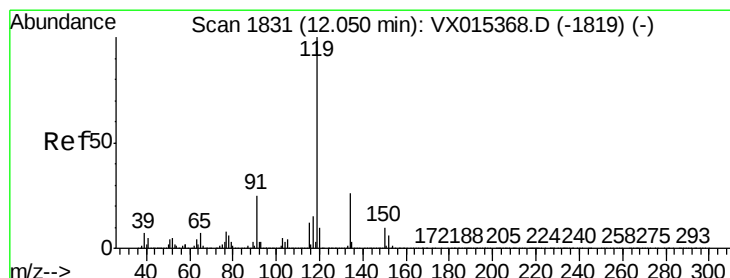
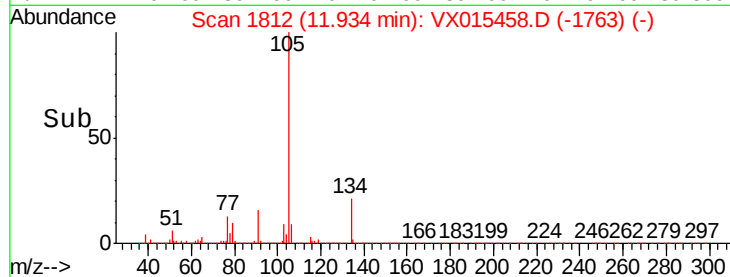
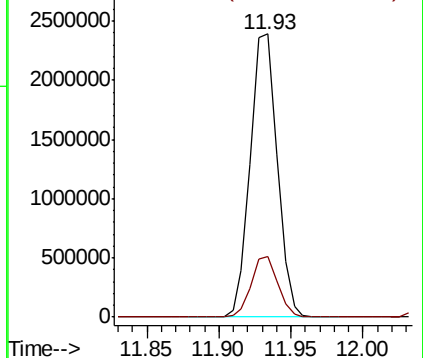
105 100

134 20.8 10.4 31.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 60.073 ug/l

RT: 12.05 min Scan# 1831

Delta R.T. -0.00 min

Lab File: VX015458.D

Acq: 01 Apr 2020 10:27

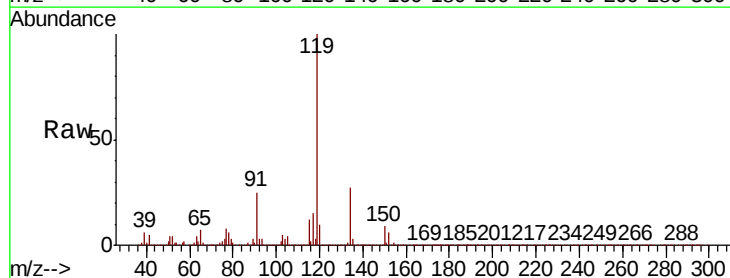
Tgt Ion:119 Resp: 2903521

Ion Ratio Lower Upper

119 100

134 26.9 13.1 39.3

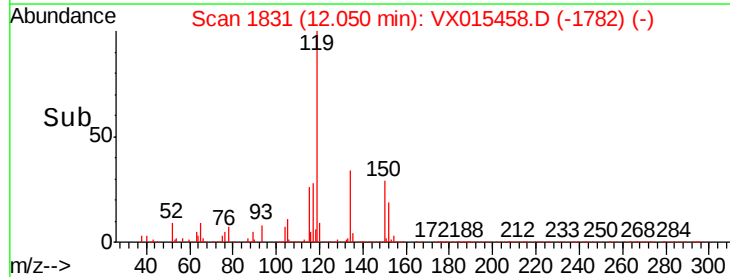
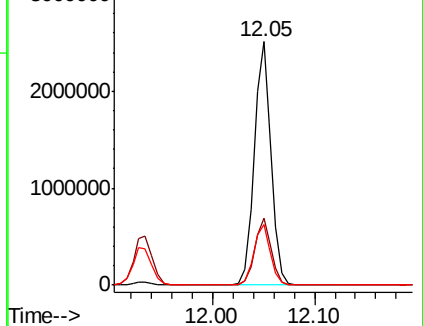
91 24.7 12.4 37.4

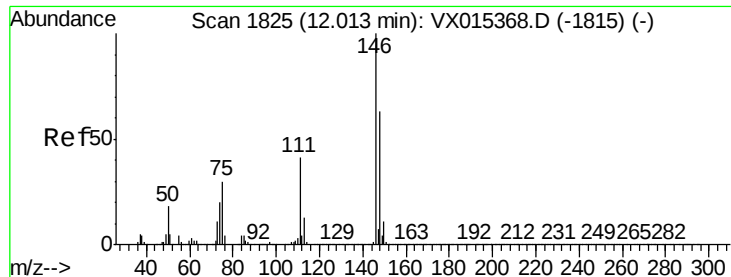


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

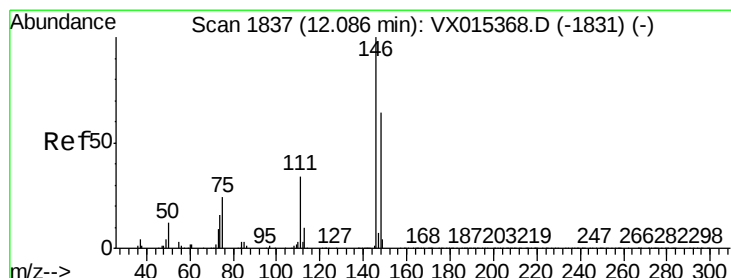
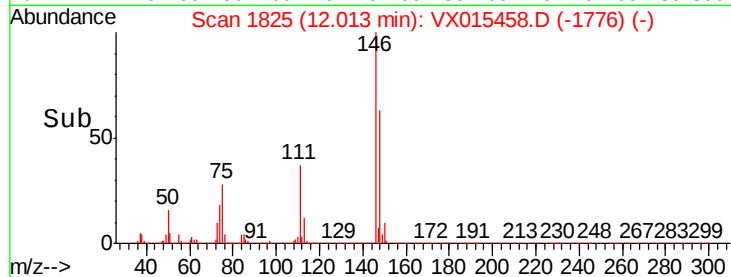
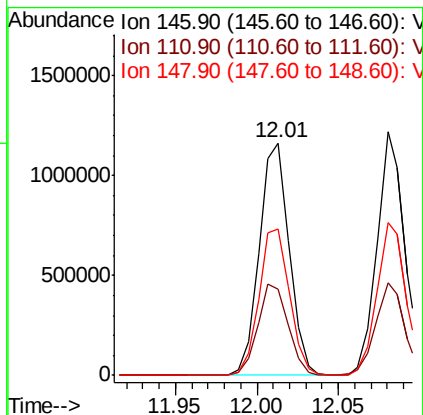
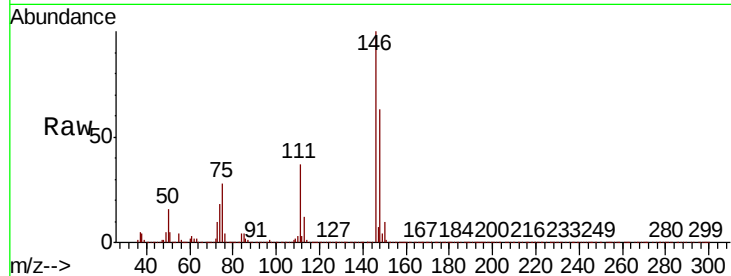




#87
 1,3-Dichlorobenzene
 Concen: 57.186 ug/l
 RT: 12.01 min Scan# 1825
 Delta R.T. -0.00 min
 Lab File: VX015458.D
 Acq: 01 Apr 2020 10:27

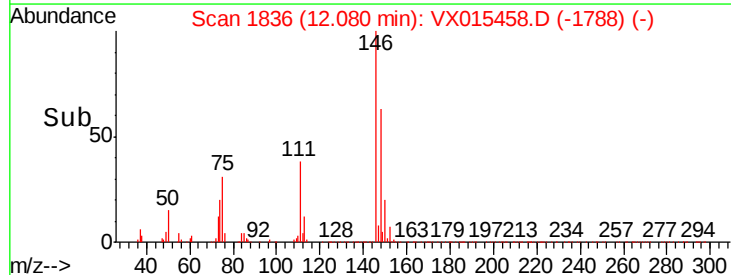
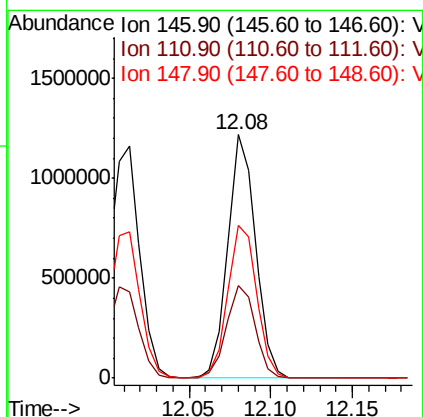
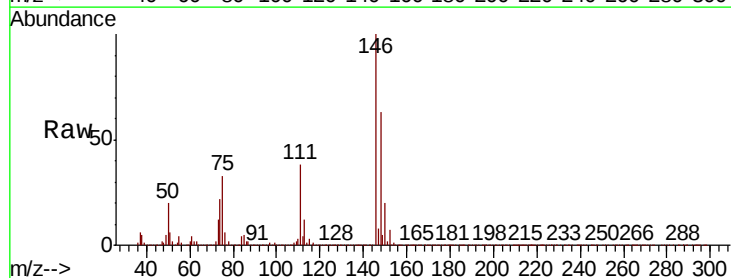
Instrument :
 MSVOA_X
 ClientSampleId :

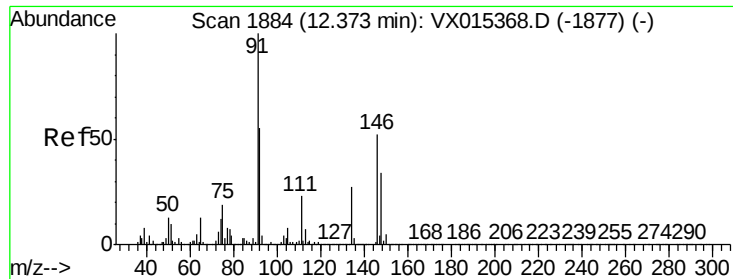
Tot Ion:146 Resp: 1473592
 Ion Ratio Lower Upper
 146 100
 111 40.0 20.3 60.9
 148 64.3 31.3 93.9



#88
 1,4-Dichlorobenzene
 Concen: 54.836 ug/l
 RT: 12.08 min Scan# 1836
 Delta R.T. -0.01 min
 Lab File: VX015458.D
 Acq: 01 Apr 2020 10:27

Tgt Ion:146 Resp: 1439302
 Ion Ratio Lower Upper
 146 100
 111 39.4 19.1 57.5
 148 65.4 32.4 97.2

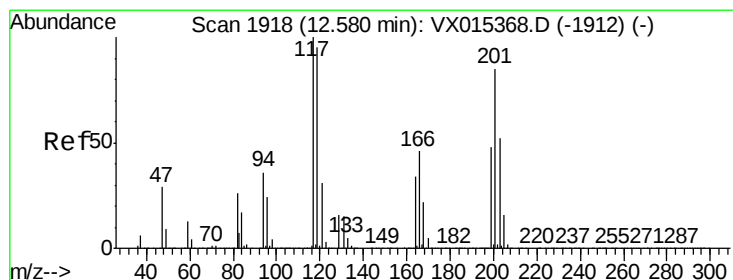
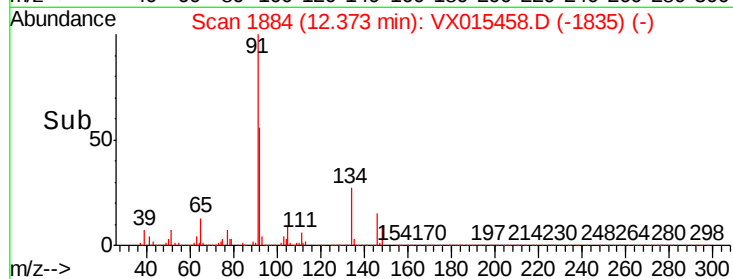
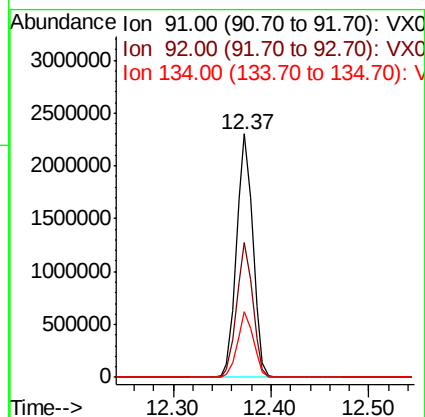
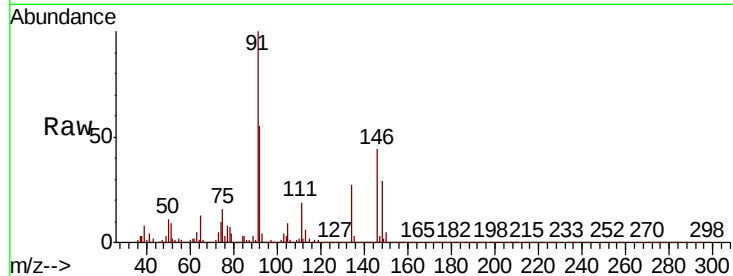




#89
n-Butylbenzene
Concen: 61.088 ug/l
RT: 12.37 min Scan# 1884
Delta R.T. -0.00 min
Lab File: VX015458.D
Acq: 01 Apr 2020 10:27

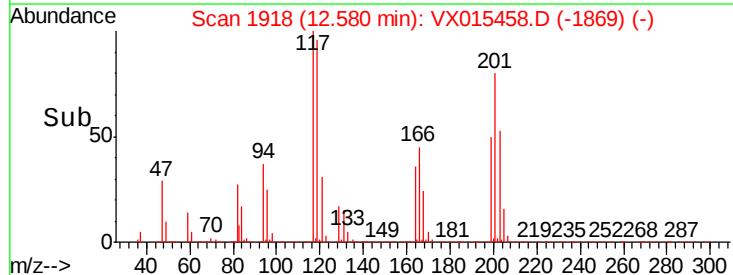
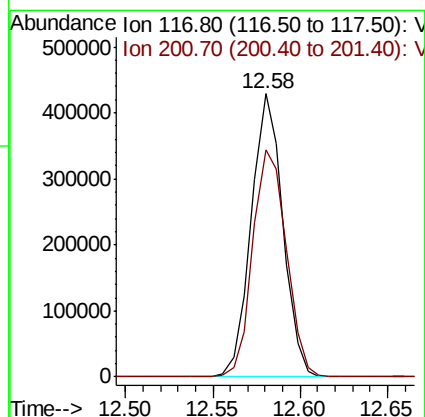
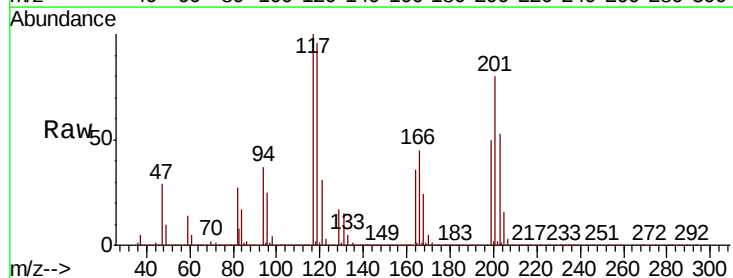
Instrument :
MSVOA_X
ClientSampleId :

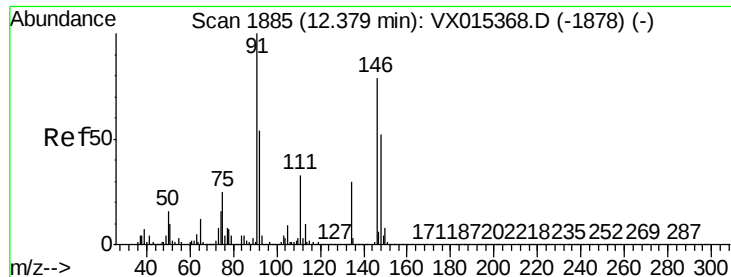
Tot Ion: 91 Resp: 2668157
Ion Ratio Lower Upper
91 100
92 54.7 27.2 81.5
134 26.4 13.4 40.2



#90
Hexachloroethane
Concen: 57.229 ug/l
RT: 12.58 min Scan# 1918
Delta R.T. -0.00 min
Lab File: VX015458.D
Acq: 01 Apr 2020 10:27

Tgt Ion: 117 Resp: 538375
Ion Ratio Lower Upper
117 100
201 85.3 42.6 128.0





#91

1,2-Dichlorobenzene

Concen: 55.601 ug/l

RT: 12.38 min Scan# 1885

Delta R.T. -0.00 min

Lab File: VX015458.D

Acq: 01 Apr 2020 10:27

Instrument :

MSVOA_X

ClientSampled :

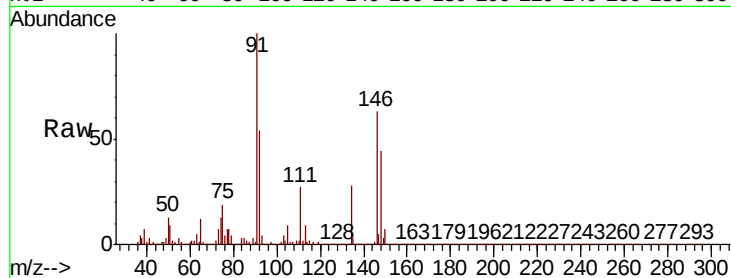
Tot Ion:146 Resp: 1402143

Ion Ratio Lower Upper

146 100

111 42.5 21.0 63.0

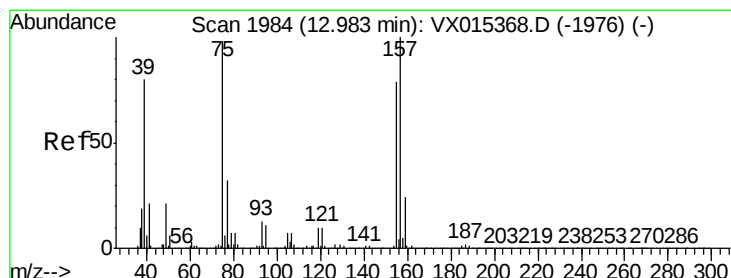
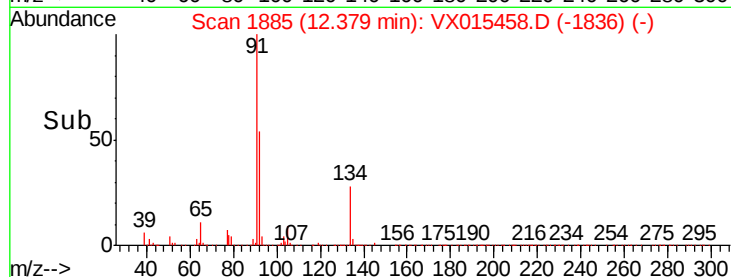
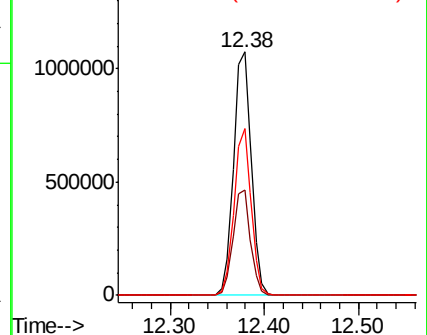
148 65.7 32.4 97.0



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 46.811 ug/l

RT: 12.98 min Scan# 1984

Delta R.T. -0.00 min

Lab File: VX015458.D

Acq: 01 Apr 2020 10:27

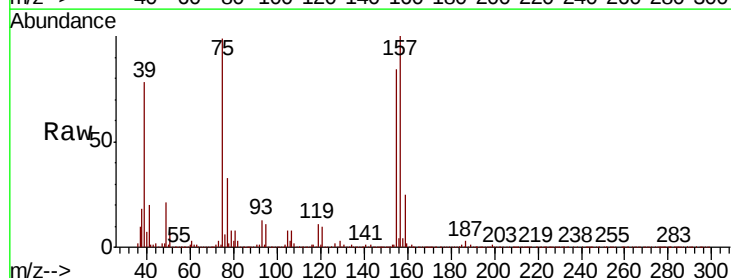
Tgt Ion: 75 Resp: 244648

Ion Ratio Lower Upper

75 100

155 85.9 42.8 128.4

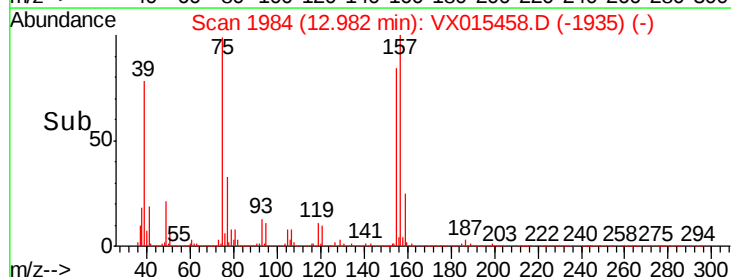
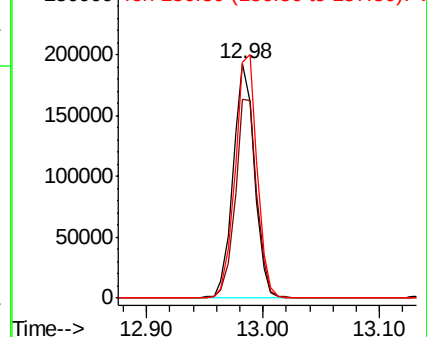
157 107.0 53.4 160.3

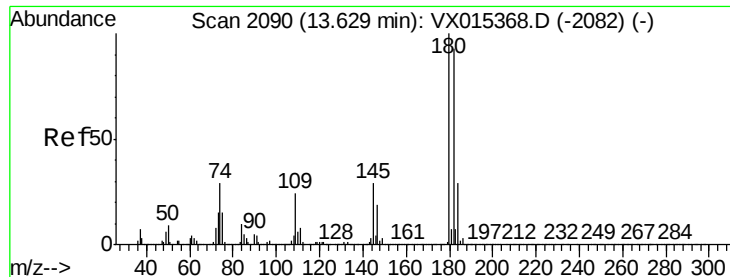


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

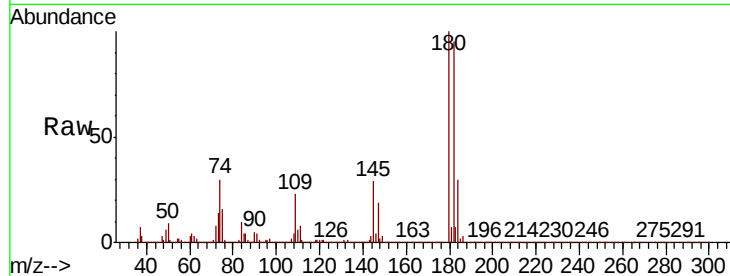




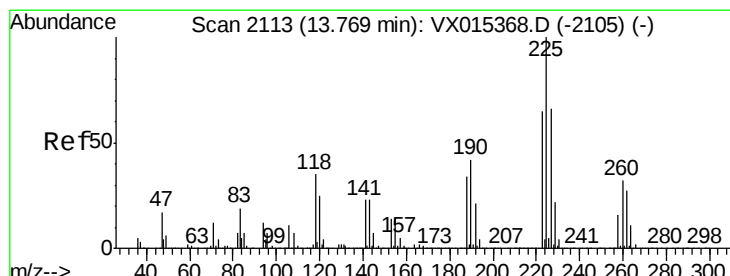
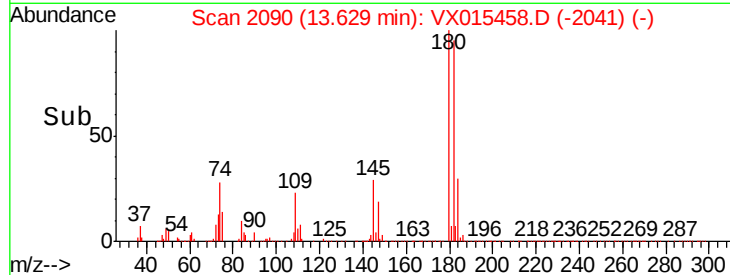
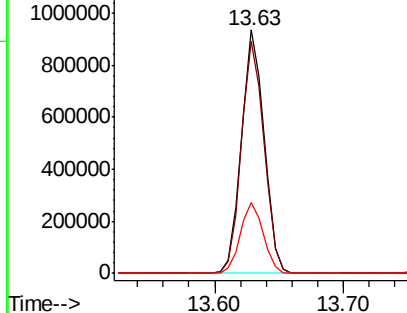
#93
 1,2,4-Trichlorobenzene
 Concen: 56.809 ug/l
 RT: 13.63 min Scan# 2090
 Delta R.T. -0.00 min
 Lab File: VX015458.D
 Acq: 01 Apr 2020 10:27

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion:180 Resp: 1133178
 Ion Ratio Lower Upper
 180 100
 182 95.5 46.9 140.7
 145 29.5 14.9 44.5

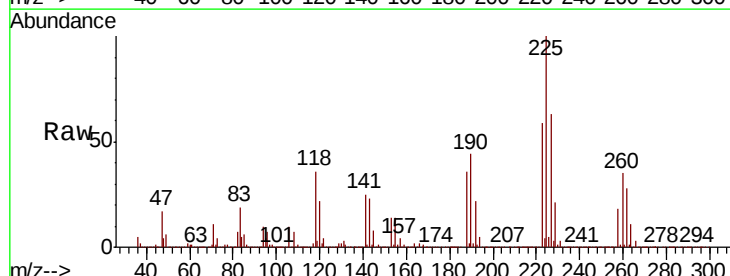


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

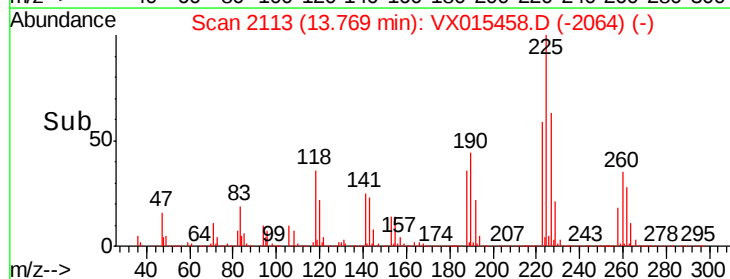
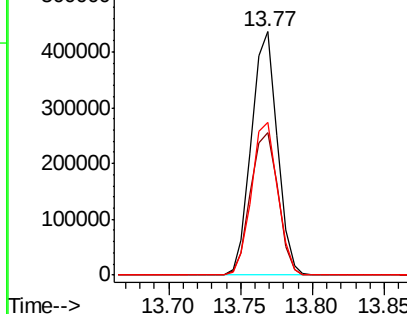


#94
 Hexachlorobutadiene
 Concen: 56.749 ug/l
 RT: 13.77 min Scan# 2113
 Delta R.T. -0.00 min
 Lab File: VX015458.D
 Acq: 01 Apr 2020 10:27

Tgt Ion:225 Resp: 538944
 Ion Ratio Lower Upper
 225 100
 223 62.1 31.9 95.7
 227 63.6 30.4 91.3



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: 53.458 ug/l

RT: 13.82 min Scan# 2121

Delta R.T. -0.00 min

Lab File: VX015458.D

Acq: 01 Apr 2020 10:27

Instrument :

MSVOA_X

ClientSampleId :

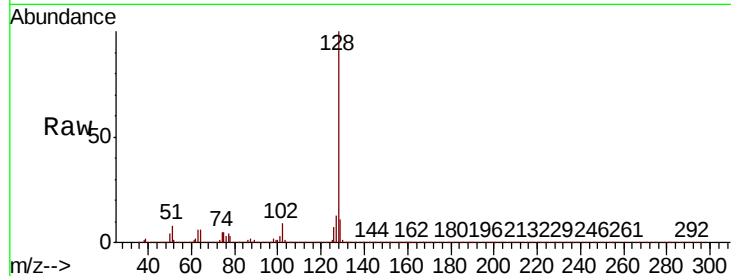
Tot Ion:128 Resp: 3252652

Ion Ratio Lower Upper

128 100

127 13.4 10.6 15.8

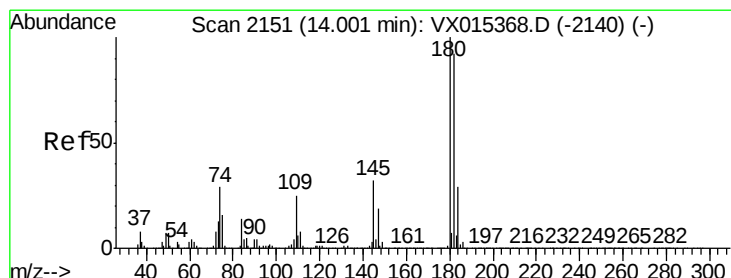
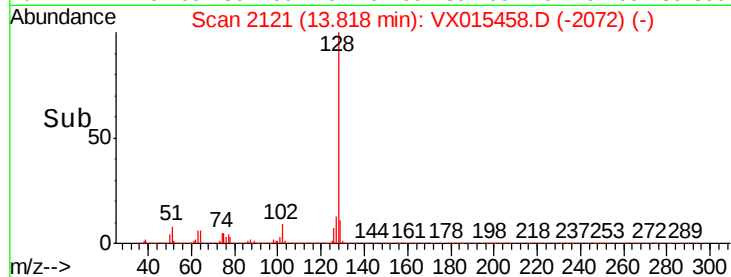
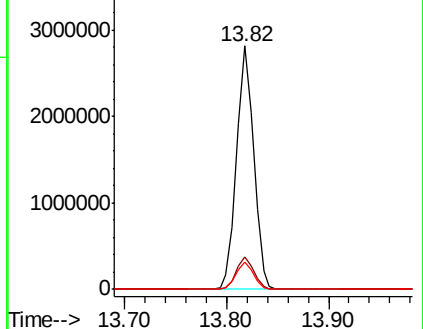
129 11.3 8.8 13.2



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: 56.663 ug/l

RT: 14.01 min Scan# 2152

Delta R.T. 0.01 min

Lab File: VX015458.D

Acq: 01 Apr 2020 10:27

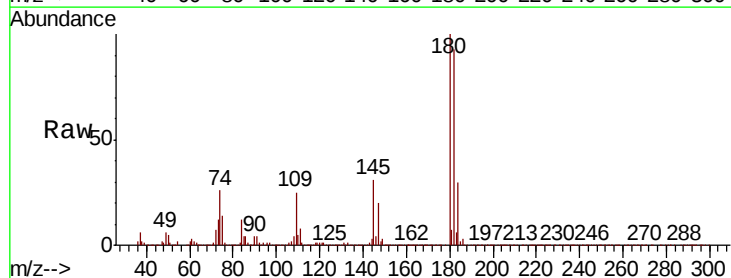
Tgt Ion:180 Resp: 1088202

Ion Ratio Lower Upper

180 100

182 96.5 46.7 140.0

145 32.0 15.8 47.3



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

