

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX041720\
 Data File : VX015737.D
 Acq On : 17 Apr 2020 14:53
 Operator : JC/SP
 Sample : VX0417WBS02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Apr 20 01:13:38 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	5.63	168	925572	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	1406941	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	1306992	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	707092	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	618424	47.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.74%	
35) Dibromofluoromethane	5.47	113	458233	50.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.90%	
50) Toluene-d8	8.70	98	1719165	51.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.84%	
62) 4-Bromofluorobenzene	11.12	95	693322	51.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.04%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	125851	15.433	ug/l	100
3) Chloromethane	1.31	50	163813	15.775	ug/l	96
4) Vinyl Chloride	1.39	62	163432	17.140	ug/l	100
5) Bromomethane	1.63	94	125794	24.493	ug/l	100
6) Chloroethane	1.71	64	105061	17.765	ug/l	96
7) Trichlorofluoromethane	1.92	101	231047	18.068	ug/l	96
8) Diethyl Ether	2.17	74	102249	18.957	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.37	101	157053	18.839	ug/l	98
10) Methyl Iodide	2.50	142	141389	12.580	ug/l	97
11) Tert butyl alcohol	3.01	59	254284	81.381	ug/l	99
12) 1,1-Dichloroethene	2.36	96	152205	17.418	ug/l	98
13) Acrolein	2.27	56	210756	118.409	ug/l	99
14) Allyl chloride	2.71	41	340406	16.672	ug/l	98
15) Acrylonitrile	3.12	53	571166	95.852	ug/l	100
16) Acetone	2.42	43	500194	89.187	ug/l	99
17) Carbon Disulfide	2.55	76	388417	14.571	ug/l	97
18) Methyl Acetate	2.75	43	277700	19.400	ug/l	97
19) Methyl tert-butyl Ether	3.17	73	624659	18.431	ug/l	99
20) Methylene Chloride	2.84	84	185754	17.732	ug/l	93
21) trans-1,2-Dichloroethene	3.14	96	173465	17.887	ug/l	99
22) Diisopropyl ether	3.83	45	675030	18.657	ug/l	98
23) Vinyl Acetate	3.79	43	2949050	90.025	ug/l	100
24) 1,1-Dichloroethane	3.67	63	335989	17.638	ug/l	98
25) 2-Butanone	4.64	43	814271	90.279	ug/l	99
26) 2,2-Dichloropropane	4.55	77	278703	17.824	ug/l	100
27) cis-1,2-Dichloroethene	4.57	96	207195	18.467	ug/l	98
28) Bromochloromethane	4.98	49	175385	19.283	ug/l	98
29) Tetrahydrofuran	5.09	42	521369	89.917	ug/l	98
30) Chloroform	5.19	83	336126	18.340	ug/l	100
31) Cyclohexane	5.55	56	284662	17.226	ug/l	99
32) 1,1,1-Trichloroethane	5.47	97	298254	17.982	ug/l	98
36) 1,1-Dichloropropene	5.78	75	233684	18.026	ug/l	96
37) Ethyl Acetate	4.80	43	316640	18.759	ug/l	99
38) Carbon Tetrachloride	5.76	117	249932	17.800	ug/l	97

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 ClientSampleId :

Quant Time: Apr 20 01:13:38 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X032720W.M
 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	275312	18.419	ug/l	97
40) Benzene	6.12	78	720745	18.980	ug/l	97
41) Methacrylonitrile	5.01	41	182582	19.486	ug/l	97
42) 1,2-Dichloroethane	6.16	62	288115	18.889	ug/l	99
43) Isopropyl Acetate	6.42	43	522462	18.336	ug/l	98
44) Trichloroethene	7.19	130	197909	19.110	ug/l	96
45) 1,2-Dichloropropane	7.50	63	202112	19.456	ug/l	96
46) Dibromomethane	7.64	93	132447	19.437	ug/l	97
47) Bromodichloromethane	7.88	83	268195	18.471	ug/l	99
48) Methyl methacrylate	7.75	41	265341	18.643	ug/l	97
49) 1,4-Dioxane	7.72	88	102915	387.619	ug/l	97
51) 4-Methyl-2-Pentanone	8.62	43	1607631	99.555	ug/l	99
52) Toluene	8.77	92	457916	19.559	ug/l	98
53) t-1,3-Dichloropropene	9.03	75	301020	17.677	ug/l	95
54) cis-1,3-Dichloropropene	8.42	75	327602	18.885	ug/l	98
55) 1,1,2-Trichloroethane	9.20	97	197091	20.548	ug/l	98
56) Ethyl methacrylate	9.16	69	312243	18.471	ug/l	97
57) 1,3-Dichloropropane	9.36	76	342685	19.830	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.29	63	794155	96.585	ug/l	98
59) 2-Hexanone	9.47	43	1214353	99.607	ug/l	99
60) Dibromochloromethane	9.57	129	215374	18.686	ug/l	97
61) 1,2-Dibromoethane	9.65	107	208136	19.956	ug/l	99
64) Tetrachloroethene	9.32	164	193418	19.609	ug/l	95
65) Chlorobenzene	10.12	112	518906	19.908	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.20	131	198534	19.065	ug/l	99
67) Ethyl Benzene	10.24	91	890825	19.270	ug/l	99
68) m/p-Xylenes	10.34	106	670363	38.942	ug/l	98
69) o-Xylene	10.68	106	324354	19.068	ug/l	99
70) Styrene	10.70	104	589227	19.685	ug/l	96
71) Bromoform	10.84	173	174780	18.438	ug/l #	100
73) Isopropylbenzene	11.00	105	886471	19.134	ug/l	99
74) N-amyl acetate	10.88	43	435334	16.894	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.25	83	299449	18.836	ug/l	98
76) 1,2,3-Trichloropropane	11.28	75	347185	23.877	ug/l	84
77) Bromobenzene	11.24	156	242861	19.652	ug/l	95
78) n-propylbenzene	11.34	91	992213	18.729	ug/l	100
79) 2-Chlorotoluene	11.40	91	601631	18.528	ug/l	97
80) 1,3,5-Trimethylbenzene	11.49	105	734032	18.551	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.06	75	96648	15.948	ug/l	95
82) 4-Chlorotoluene	11.49	91	710504	18.665	ug/l	99
83) tert-Butylbenzene	11.76	119	735656	19.034	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	757603	18.789	ug/l	98
85) sec-Butylbenzene	11.93	105	853050	19.084	ug/l	100
86) p-Isopropyltoluene	12.05	119	792287	19.093	ug/l	98
87) 1,3-Dichlorobenzene	12.01	146	436870	19.747	ug/l	98
88) 1,4-Dichlorobenzene	12.08	146	445135	19.753	ug/l	99
89) n-Butylbenzene	12.37	91	712661	19.005	ug/l	99
90) Hexachloroethane	12.58	117	128988	15.970	ug/l	90
91) 1,2-Dichlorobenzene	12.38	146	424486	19.606	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	12.98	75	70856	15.791	ug/l	94

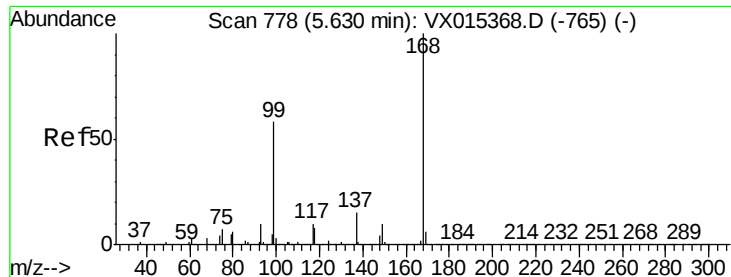
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QLast Update : Fri Mar 27 09:35:51 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	331472	19.355	ug/l	100
94) Hexachlorobutadiene	13.77	225	157854	19.360	ug/l	98
95) Naphthalene	13.82	128	997362	19.092	ug/l	99
96) 1,2,3-Trichlorobenzene	14.00	180	324274	19.667	ug/l	97

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 778

Delta R.T. -0.00 min

Lab File: VX015737.D

Acq: 17 Apr 2020 14:53

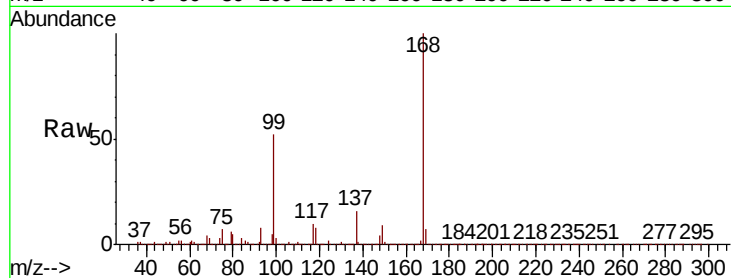
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:168 Resp: 925572

Ion Ratio Lower Upper

168 100

99 51.7 46.4 69.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.63

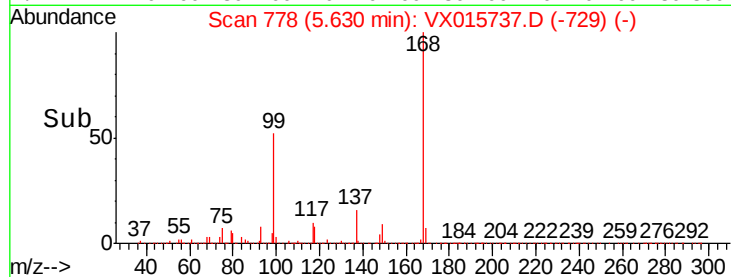
300000

200000

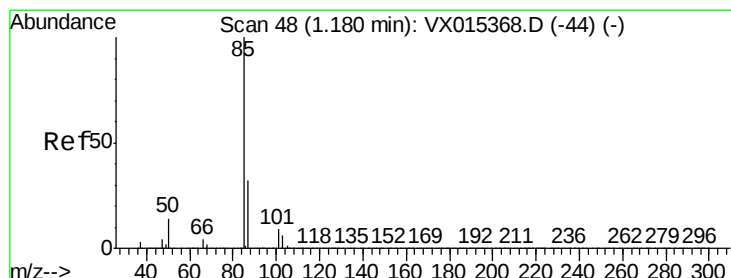
100000

0

5.50 5.60 5.70 5.80



Time-->



#2

Dichlorodifluoromethane

Concen: 15.433 ug/l

RT: 1.19 min Scan# 49

Delta R.T. 0.01 min

Lab File: VX015737.D

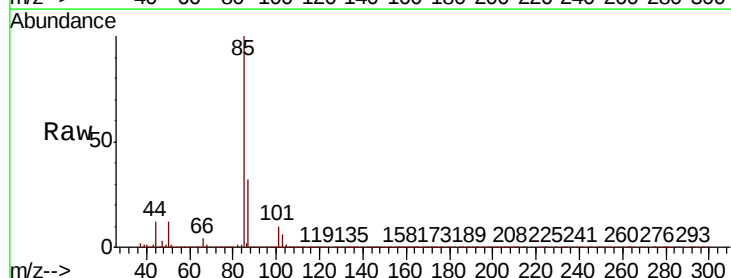
Acq: 17 Apr 2020 14:53

Tgt Ion: 85 Resp: 125851

Ion Ratio Lower Upper

85 100

87 31.7 16.0 47.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.19

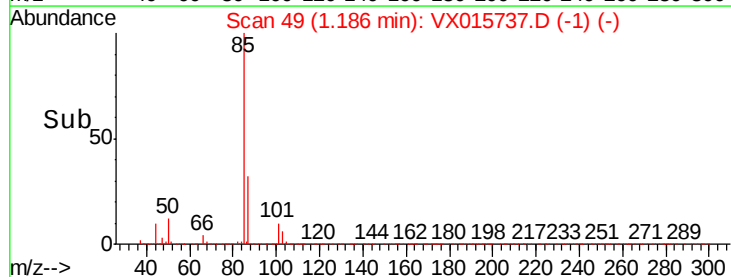
150000

100000

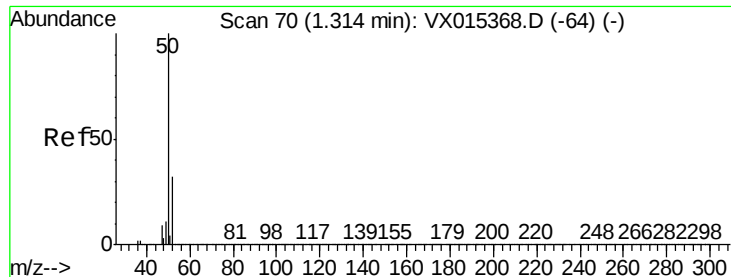
50000

0

1.10 1.15 1.20 1.25



Time-->



#3

Chloromethane

Concen: 15.775 ug/l

RT: 1.31 min Scan# 70

Delta R.T. -0.00 min

Lab File: VX015737.D

Acq: 17 Apr 2020 14:53

Instrument :

MSVOA_X

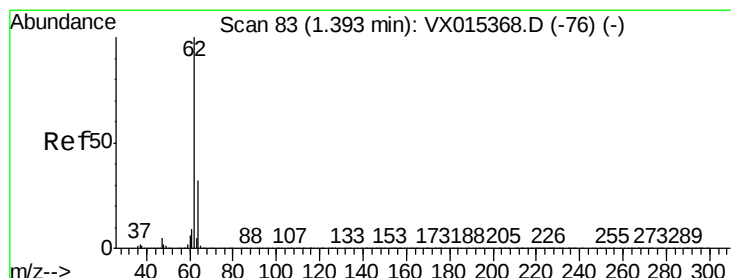
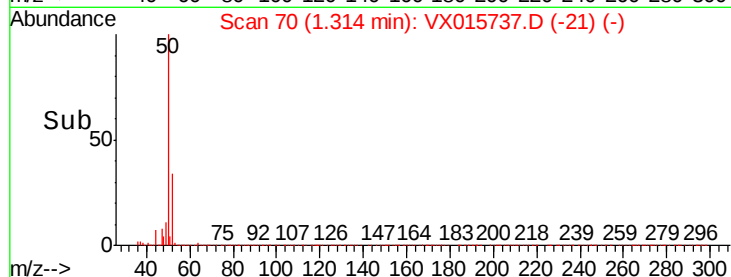
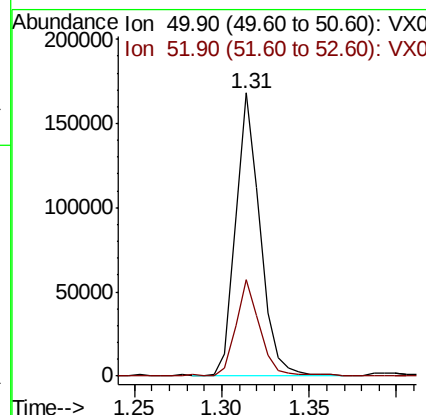
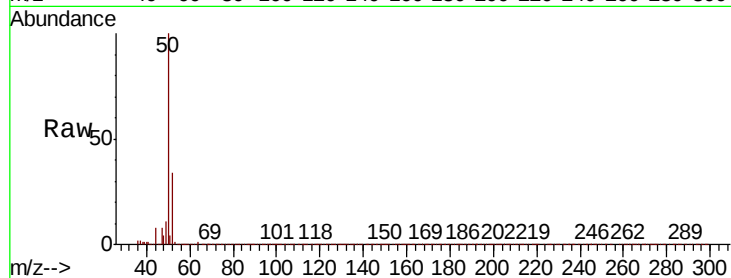
ClientSampleId :

Tot Ion: 50 Resp: 163813

Ion Ratio Lower Upper

50 100

52 33.6 25.3 37.9



#4

Vinyl Chloride

Concen: 17.140 ug/l

RT: 1.39 min Scan# 83

Delta R.T. -0.00 min

Lab File: VX015737.D

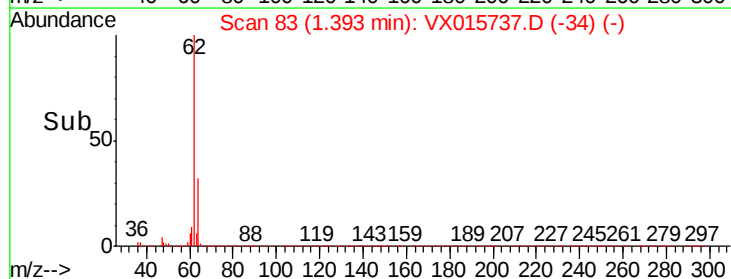
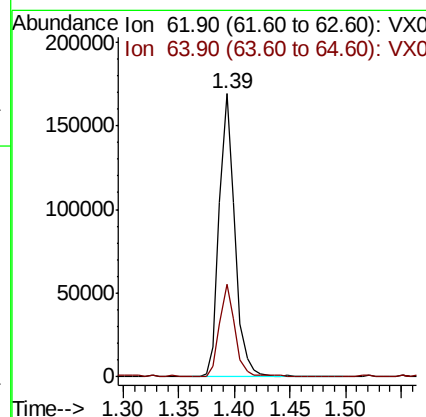
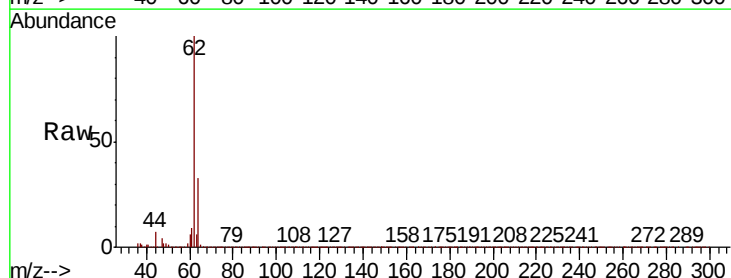
Acq: 17 Apr 2020 14:53

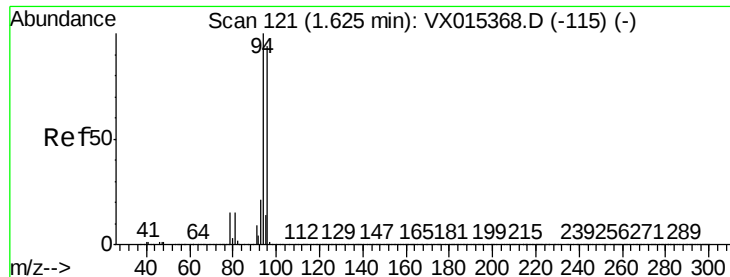
Tgt Ion: 62 Resp: 163432

Ion Ratio Lower Upper

62 100

64 32.4 26.0 39.0





#5

Bromomethane

Concen: 24.493 ug/l

RT: 1.63 min Scan# 122

Delta R.T. 0.01 min

Lab File: VX015737.D

Acq: 17 Apr 2020 14:53

Instrument :

MSVOA_X

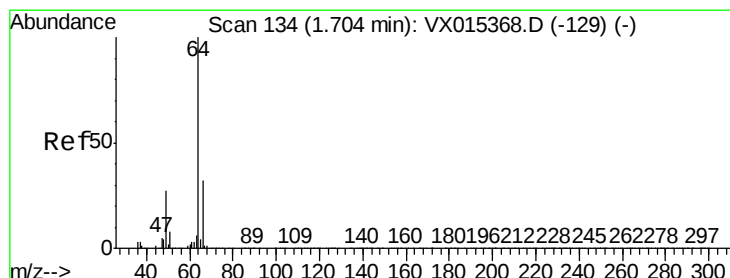
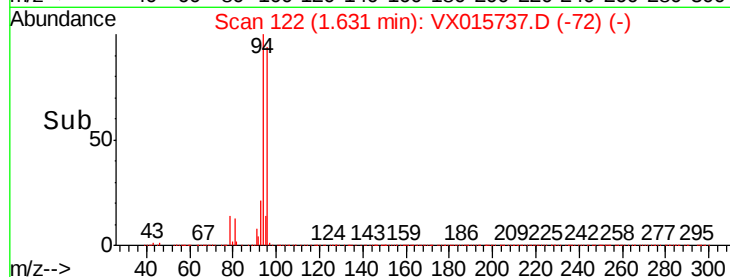
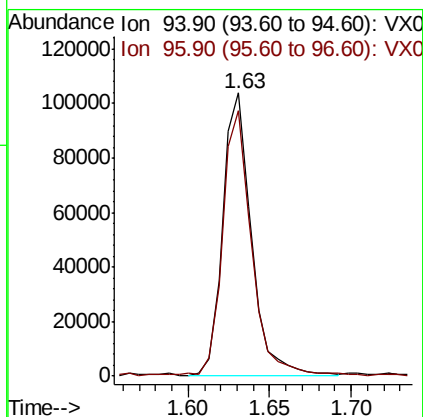
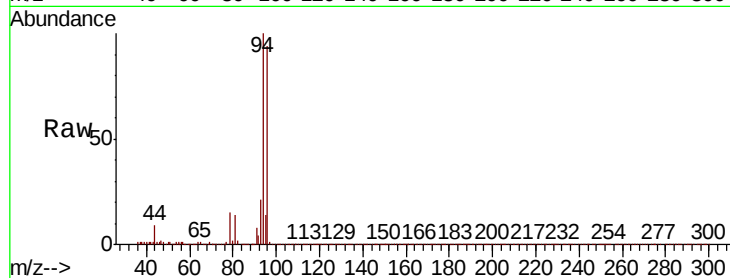
ClientSampleId :

Tot Ion: 94 Resp: 125794

Ion Ratio Lower Upper

94 100

96 93.2 74.8 112.2



#6

Chloroethane

Concen: 17.765 ug/l

RT: 1.71 min Scan# 135

Delta R.T. 0.01 min

Lab File: VX015737.D

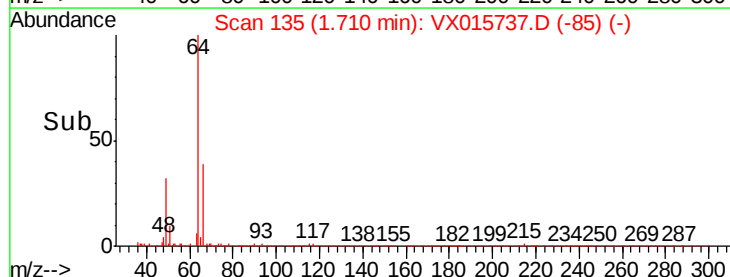
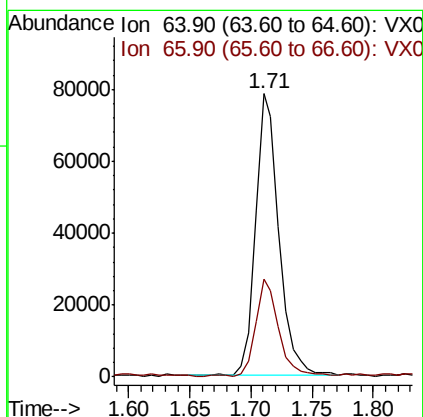
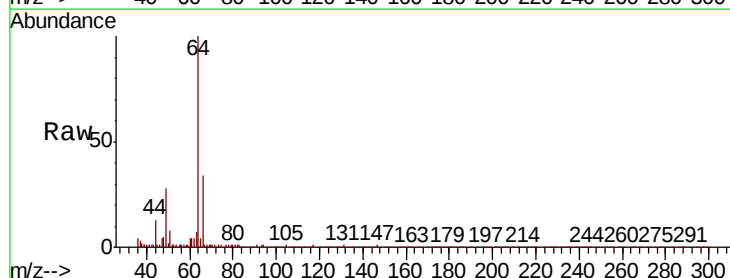
Acq: 17 Apr 2020 14:53

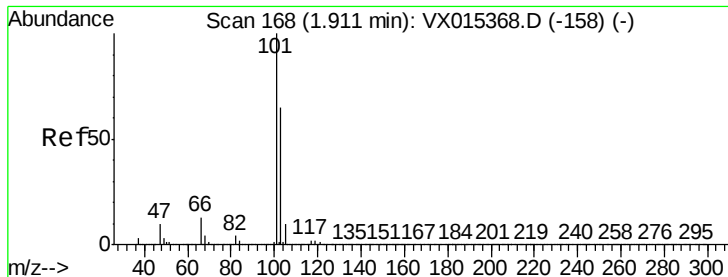
Tgt Ion: 64 Resp: 105061

Ion Ratio Lower Upper

64 100

66 33.9 25.4 38.2



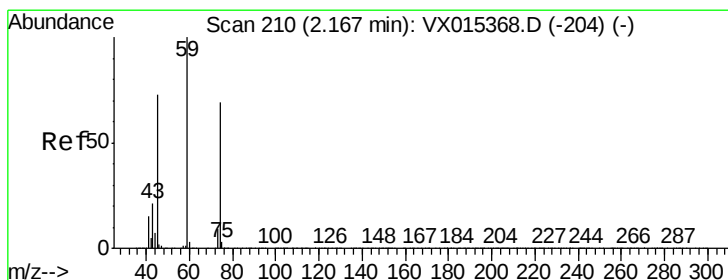
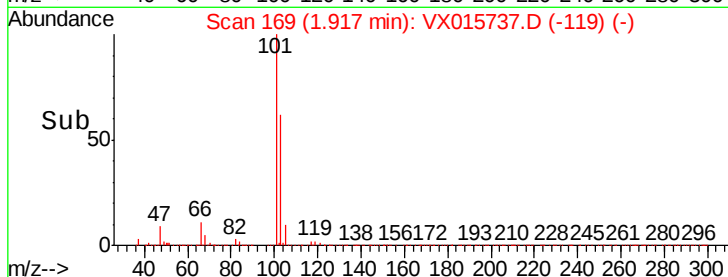
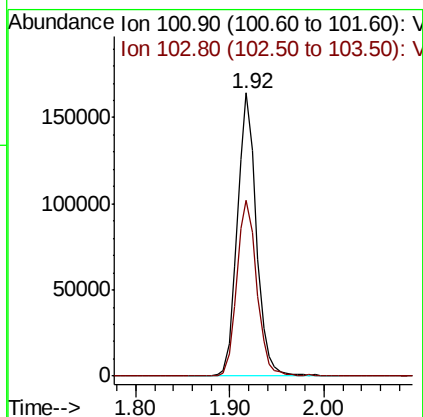
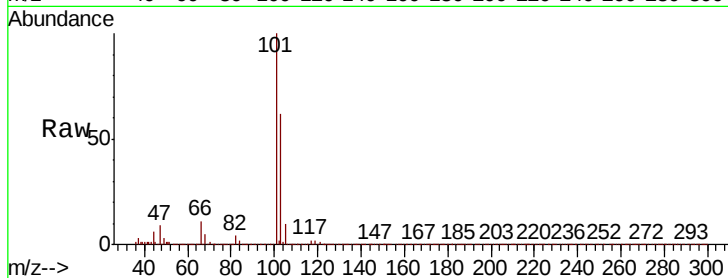


#7

Trichlorofluoromethane
Concen: 18.068 ug/l
RT: 1.92 min Scan# 169
Delta R.T. 0.01 min
Lab File: VX015737.D
Acq: 17 Apr 2020 14:53

Instrument :
MSVOA_X
ClientSampleId :

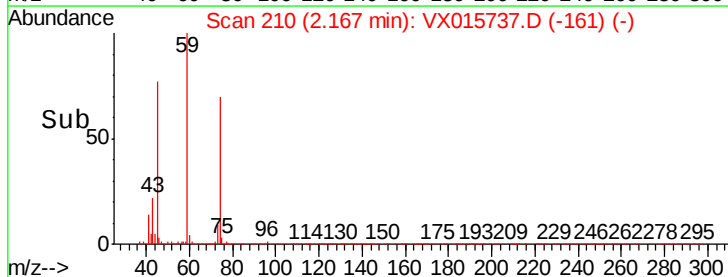
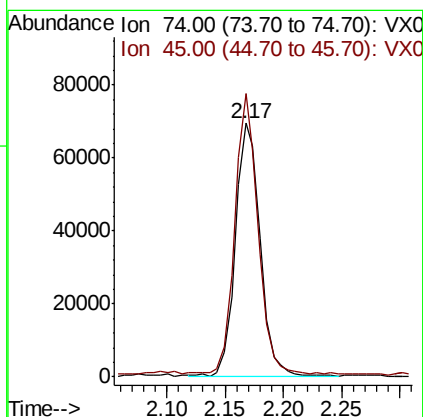
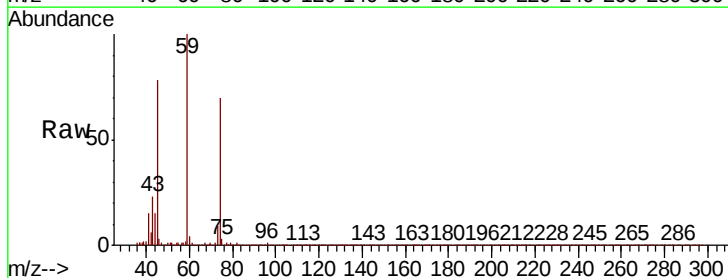
Tot Ion:101 Resp: 231047
Ion Ratio Lower Upper
101 100
103 62.1 52.3 78.5

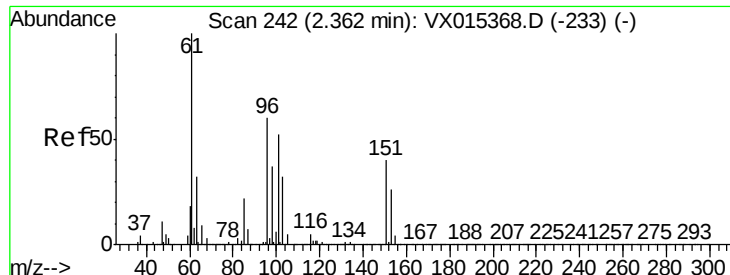


#8

Diethyl Ether
Concen: 18.957 ug/l
RT: 2.17 min Scan# 210
Delta R.T. -0.00 min
Lab File: VX015737.D
Acq: 17 Apr 2020 14:53

Tgt Ion: 74 Resp: 102249
Ion Ratio Lower Upper
74 100
45 103.6 53.8 161.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.839 ug/l

RT: 2.37 min Scan# 243

Delta R.T. 0.01 min

Lab File: VX015737.D

Acq: 17 Apr 2020 14:53

Instrument :

MSVOA_X

ClientSampled :

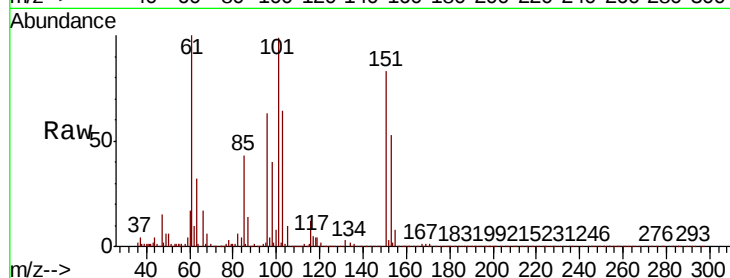
Tot Ion:101 Resp: 157053

Ion Ratio Lower Upper

101 100

85 43.1 35.0 52.4

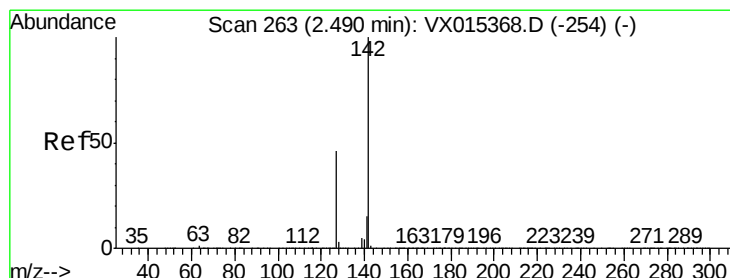
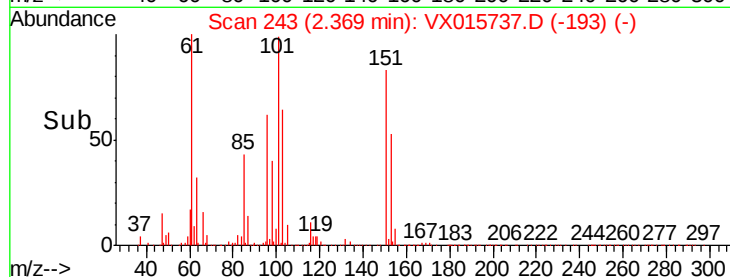
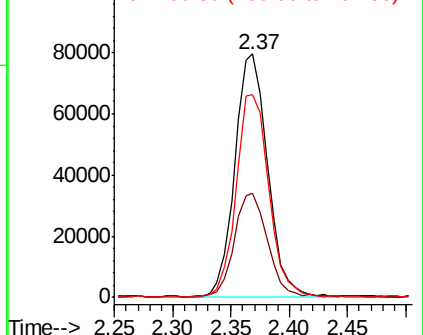
151 82.7 64.1 96.1



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: 12.580 ug/l

RT: 2.50 min Scan# 264

Delta R.T. 0.01 min

Lab File: VX015737.D

Acq: 17 Apr 2020 14:53

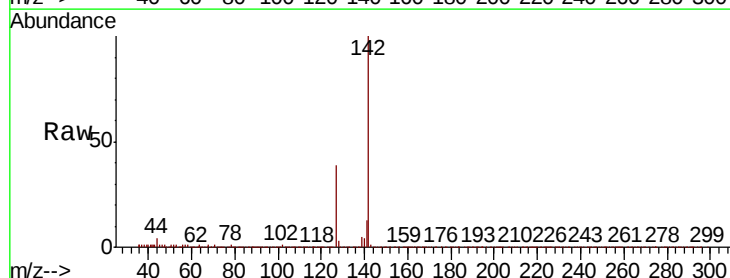
Tgt Ion:142 Resp: 141389

Ion Ratio Lower Upper

142 100

127 42.6 35.9 53.9

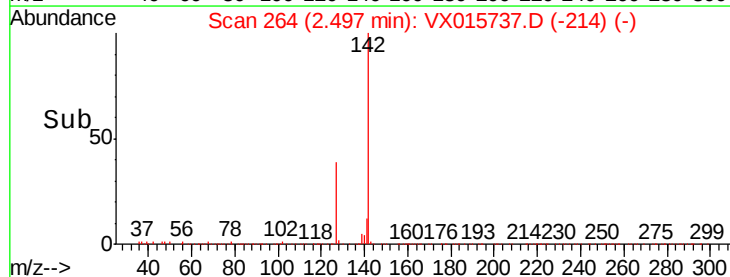
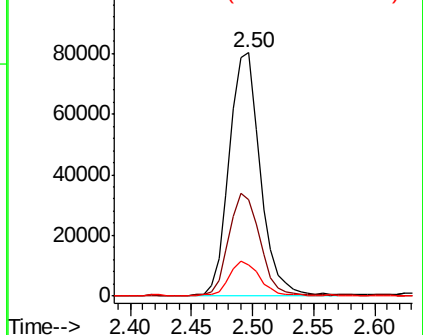
141 14.0 11.6 17.4

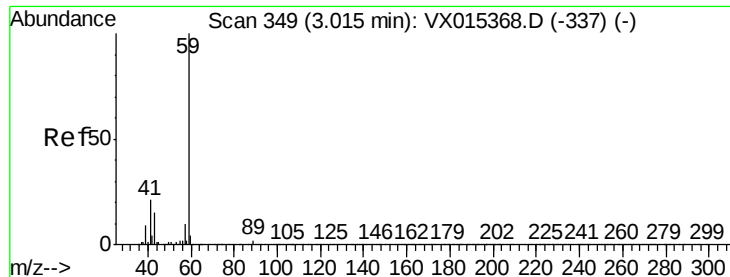


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 81.381 ug/l

RT: 3.01 min Scan# 349

Delta R.T. -0.00 min

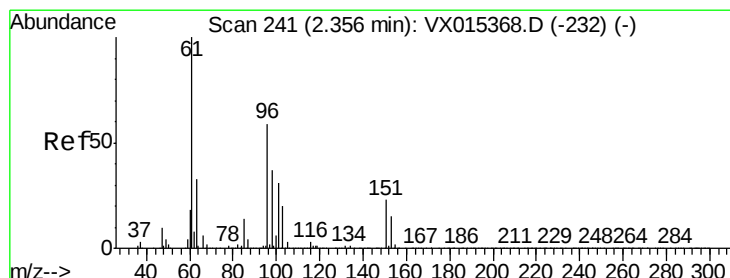
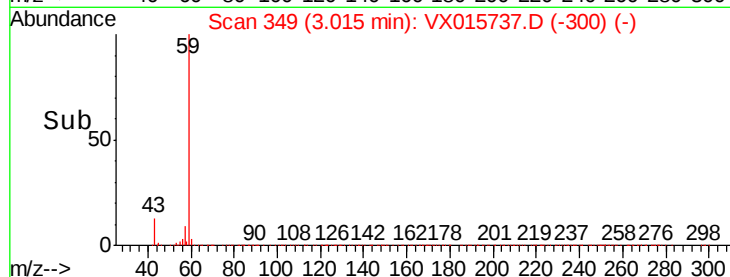
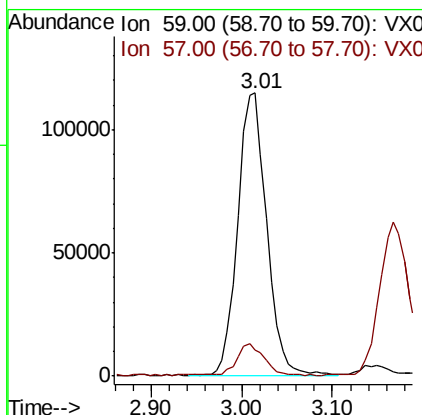
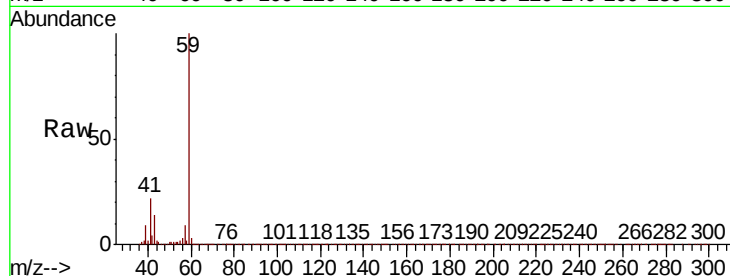
Lab File: VX015737.D

Acq: 17 Apr 2020 14:53

Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 59 Resp: 254284

Ion	Ratio	Lower	Upper
59	100		
57	10.5	8.1	12.1



#12

1,1-Dichloroethene

Concen: 17.418 ug/l

RT: 2.36 min Scan# 241

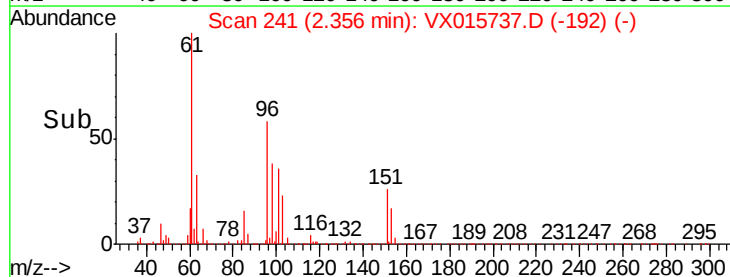
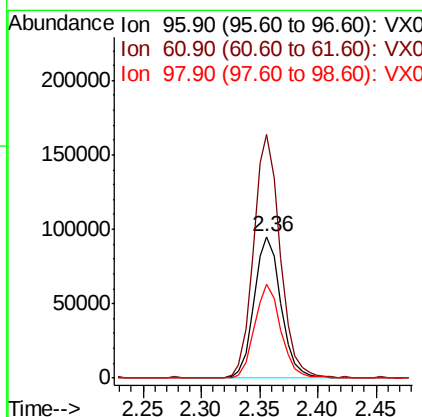
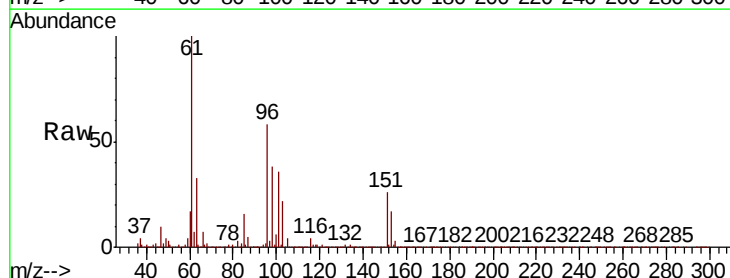
Delta R.T. -0.00 min

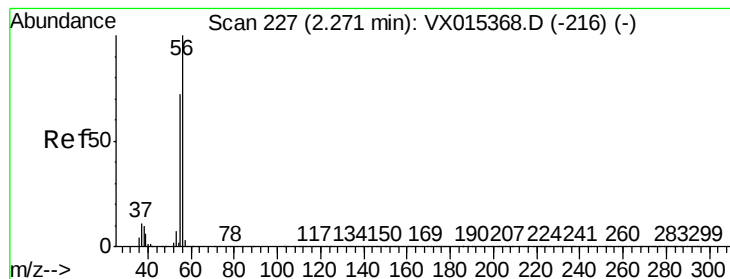
Lab File: VX015737.D

Acq: 17 Apr 2020 14:53

Tgt Ion: 96 Resp: 152205

Ion	Ratio	Lower	Upper
96	100		
61	171.6	135.7	203.5
98	65.7	50.6	75.8





#13

Acrolein

Concen: 118.409 ug/l

RT: 2.27 min Scan# 227

Delta R.T. -0.00 min

Lab File: VX015737.D

Acq: 17 Apr 2020 14:53

Instrument :

MSVOA_X

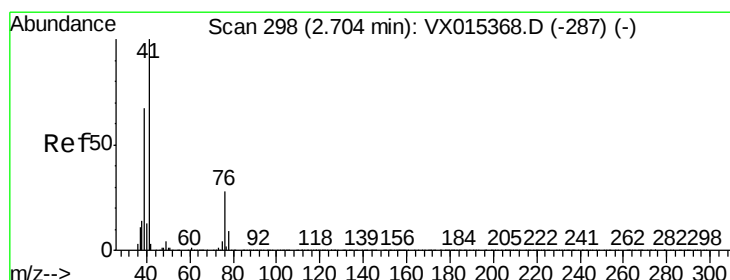
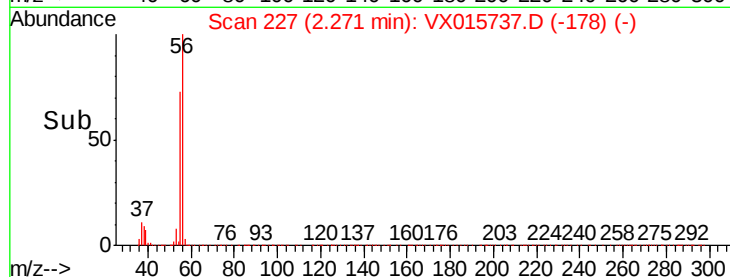
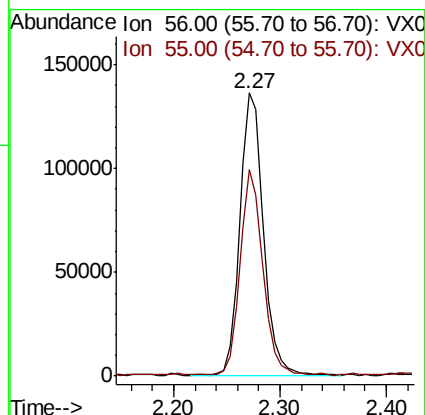
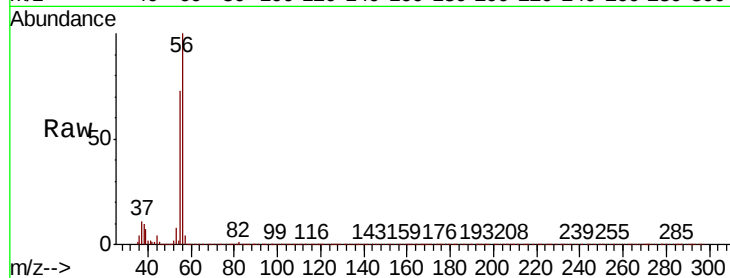
ClientSampleId :

Tot Ion: 56 Resp: 210756

Ion Ratio Lower Upper

56 100

55 70.7 57.0 85.4



#14

Allyl chloride

Concen: 16.672 ug/l

RT: 2.71 min Scan# 299

Delta R.T. 0.01 min

Lab File: VX015737.D

Acq: 17 Apr 2020 14:53

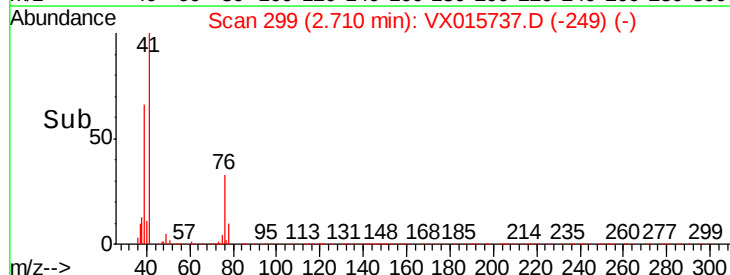
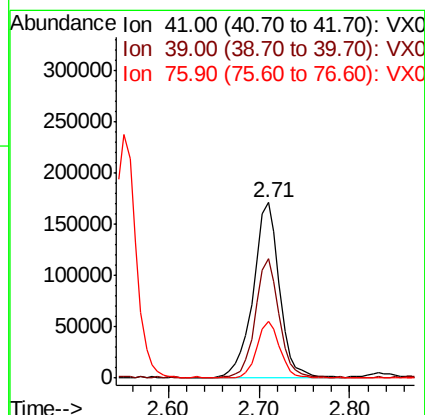
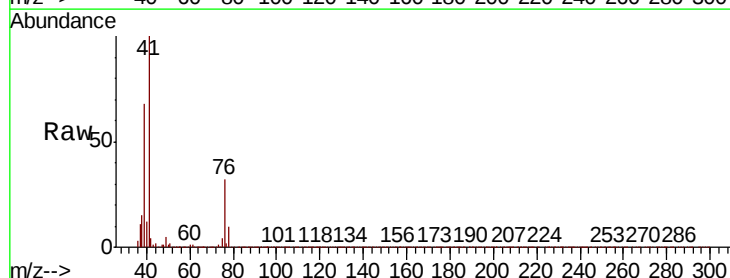
Tgt Ion: 41 Resp: 340406

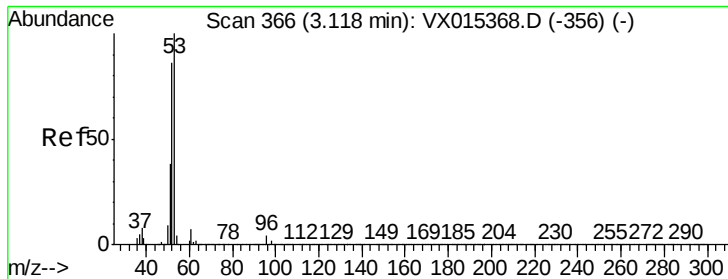
Ion Ratio Lower Upper

41 100

39 61.8 51.4 77.0

76 27.7 21.8 32.8





#15

Acrylonitrile

Concen: 95.852 ug/l

RT: 3.12 min Scan# 366

Delta R.T. -0.00 min

Lab File: VX015737.D

Acq: 17 Apr 2020 14:53

Instrument :

MSVOA_X

ClientSampleId :

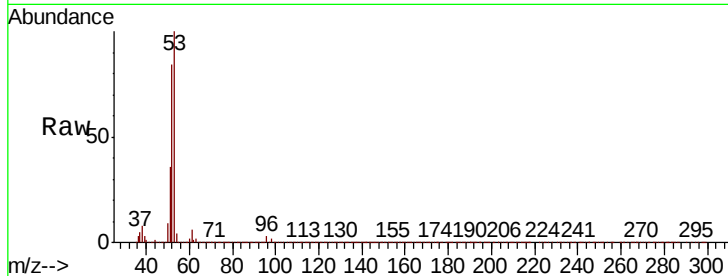
Tot Ion: 53 Resp: 571166

Ion Ratio Lower Upper

53 100

52 83.6 66.8 100.2

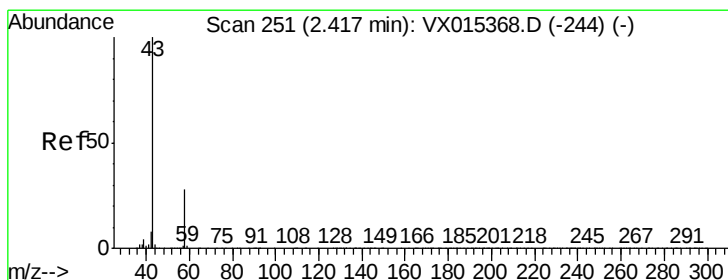
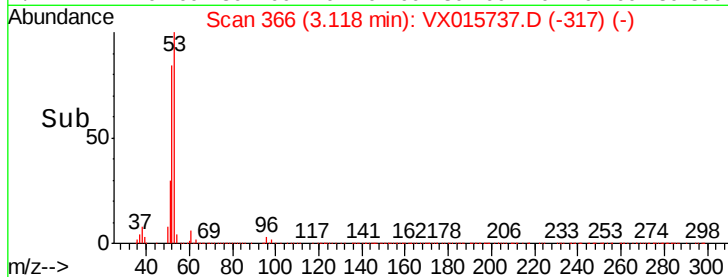
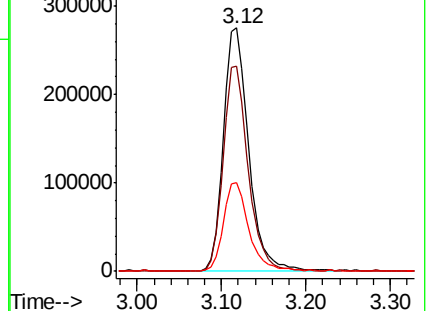
51 36.7 29.5 44.3



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 89.187 ug/l

RT: 2.42 min Scan# 251

Delta R.T. -0.00 min

Lab File: VX015737.D

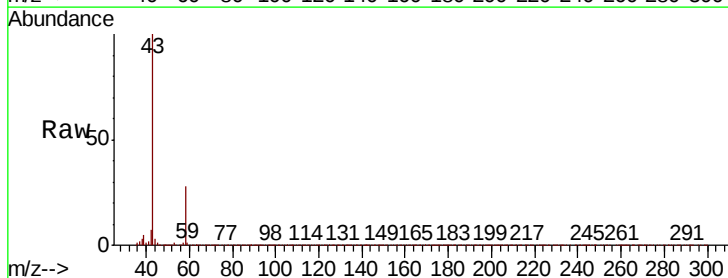
Acq: 17 Apr 2020 14:53

Tgt Ion: 43 Resp: 500194

Ion Ratio Lower Upper

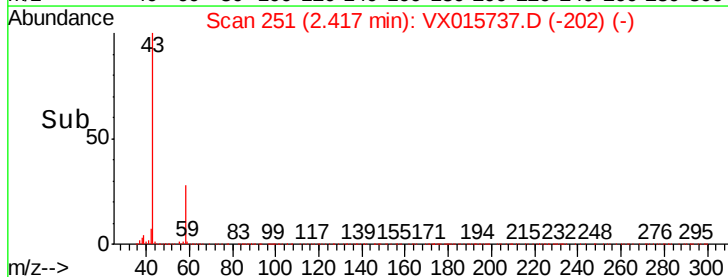
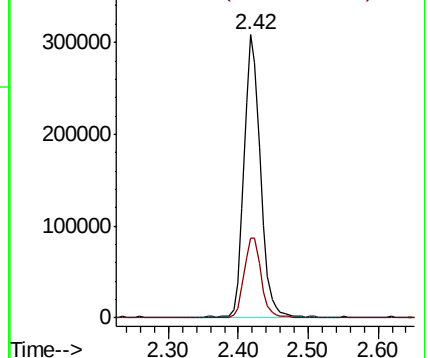
43 100

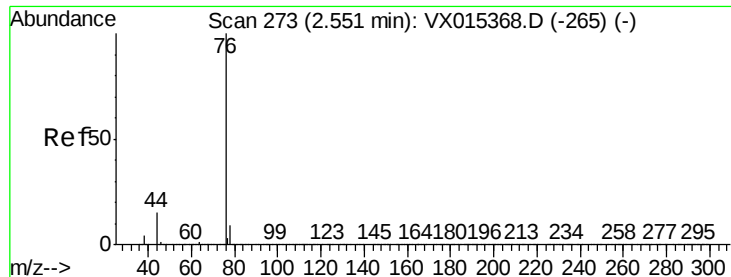
58 28.1 22.1 33.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 14.571 ug/l

RT: 2.55 min Scan# 273

Delta R.T. -0.00 min

Lab File: VX015737.D

Acq: 17 Apr 2020 14:53

Instrument :

MSVOA_X

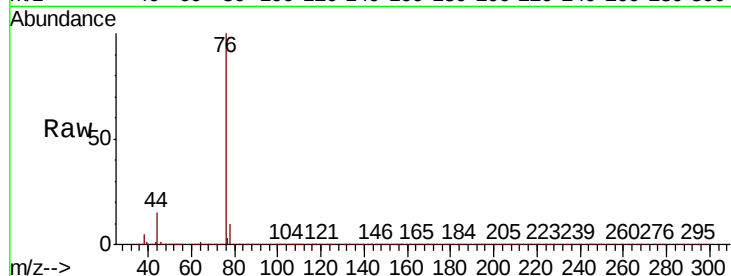
ClientSampled :

Tot Ion: 76 Resp: 388417

Ion Ratio Lower Upper

76 100

78 10.1 7.1 10.7



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

2.55

250000

200000

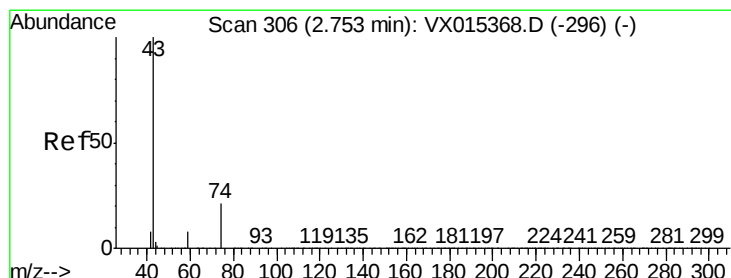
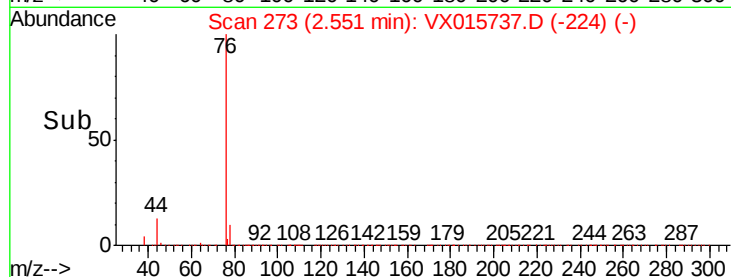
150000

100000

50000

0

Time--> 2.45 2.50 2.55 2.60 2.65



#18

Methyl Acetate

Concen: 19.400 ug/l

RT: 2.75 min Scan# 306

Delta R.T. -0.00 min

Lab File: VX015737.D

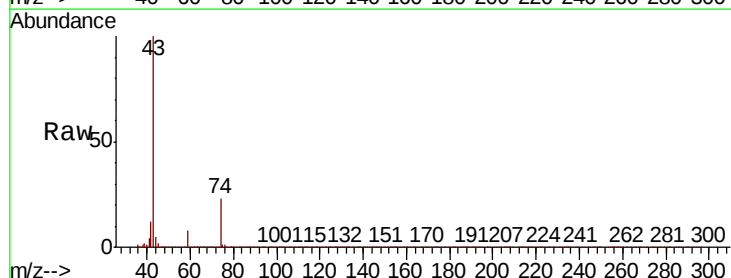
Acq: 17 Apr 2020 14:53

Tgt Ion: 43 Resp: 277700

Ion Ratio Lower Upper

43 100

74 22.1 16.5 24.7



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

2.75

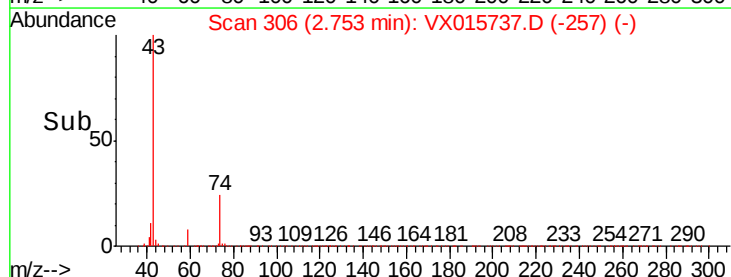
150000

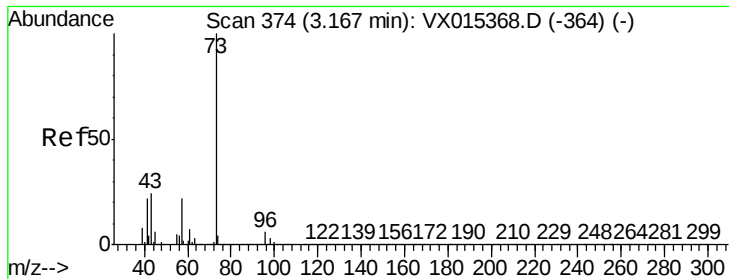
100000

50000

0

Time--> 2.70 2.80

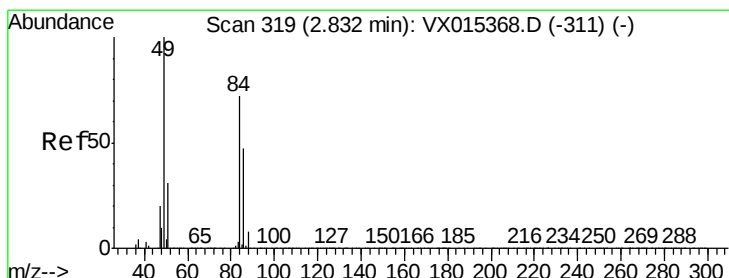
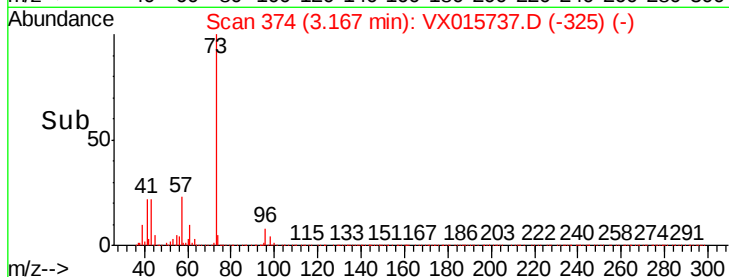
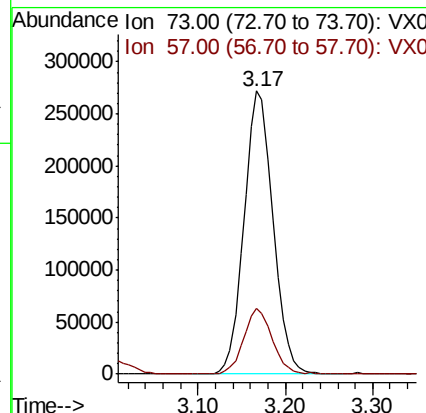
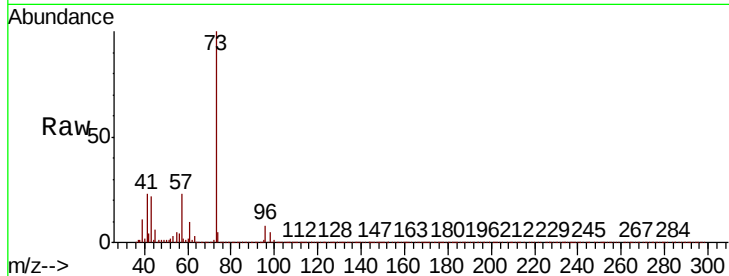




#19
Methyl tert-butyl Ether
Concen: 18.431 ug/l
RT: 3.17 min Scan# 374
Delta R.T. -0.00 min
Lab File: VX015737.D
Acq: 17 Apr 2020 14:53

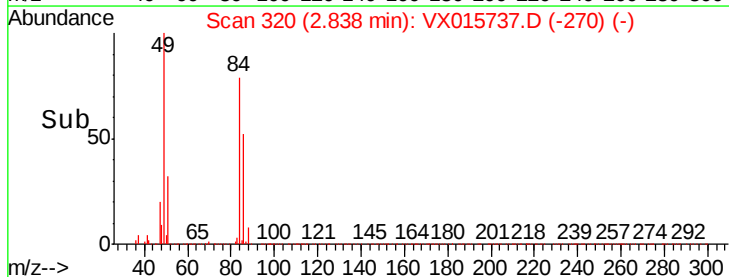
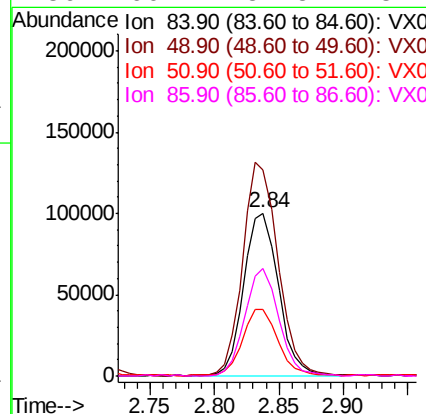
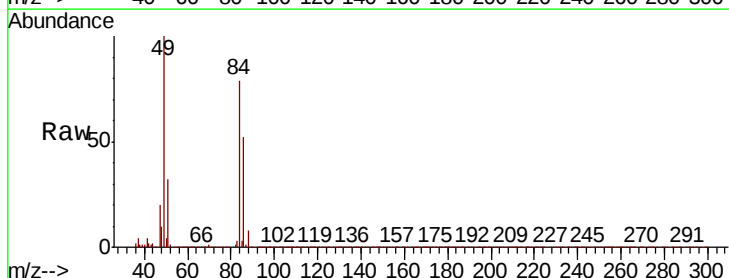
Instrument :
MSVOA_X
ClientSampleId :

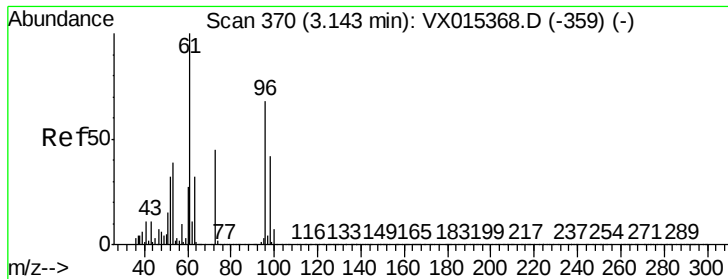
Tot Ion: 73 Resp: 624659
Ion Ratio Lower Upper
73 100
57 22.8 17.9 26.9



#20
Methylene Chloride
Concen: 17.732 ug/l
RT: 2.84 min Scan# 320
Delta R.T. 0.01 min
Lab File: VX015737.D
Acq: 17 Apr 2020 14:53

Tgt Ion: 84 Resp: 185754
Ion Ratio Lower Upper
84 100
49 126.5 111.3 166.9
51 40.5 34.0 51.0
86 66.1 52.5 78.7





#21

trans-1,2-Dichloroethene

Concen: 17.887 ug/l

RT: 3.14 min Scan# 370

Delta R.T. -0.00 min

Lab File: VX015737.D

Acq: 17 Apr 2020 14:53

Instrument :

MSVOA_X

ClientSampleId :

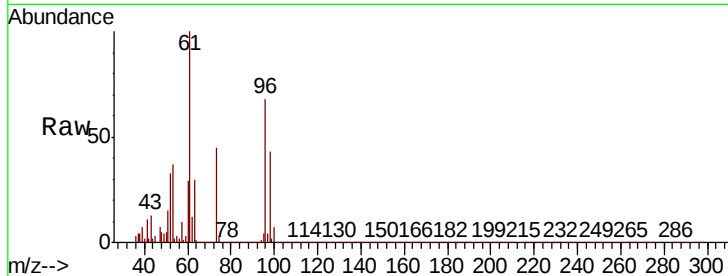
Tot Ion: 96 Resp: 173465

Ion Ratio Lower Upper

96 100

61 145.5 116.9 175.3

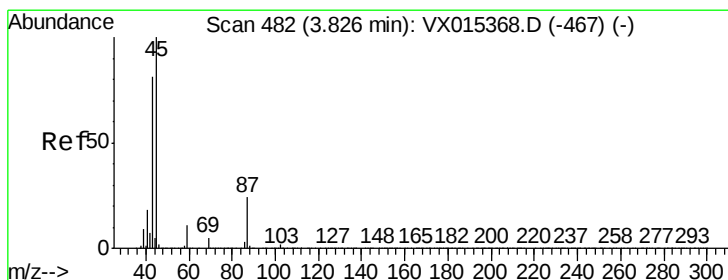
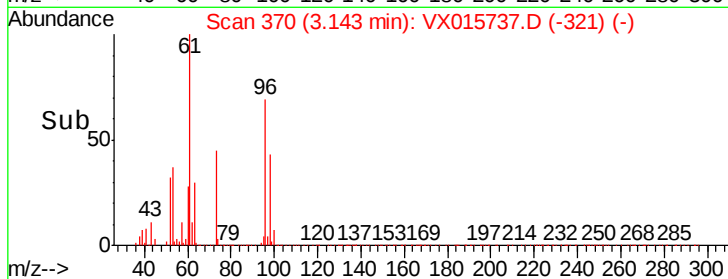
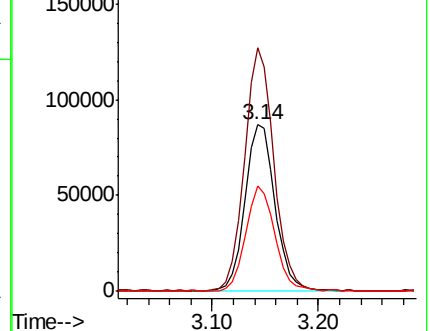
98 62.9 48.6 73.0



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 18.657 ug/l

RT: 3.83 min Scan# 482

Delta R.T. -0.00 min

Lab File: VX015737.D

Acq: 17 Apr 2020 14:53

Tgt Ion: 45 Resp: 675030

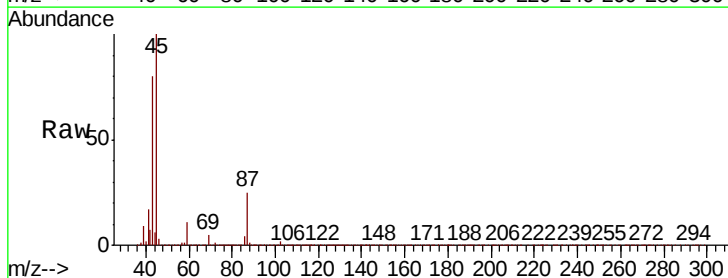
Ion Ratio Lower Upper

45 100

43 79.0 64.7 97.1

87 24.4 19.4 29.0

59 10.6 8.7 13.1

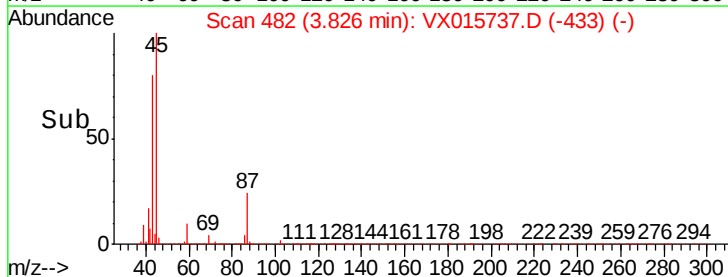
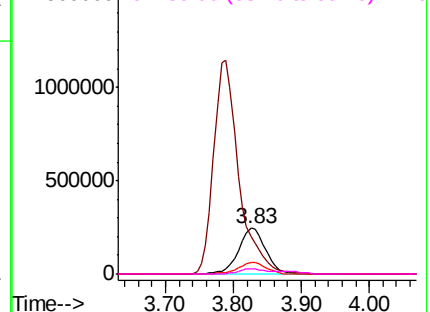


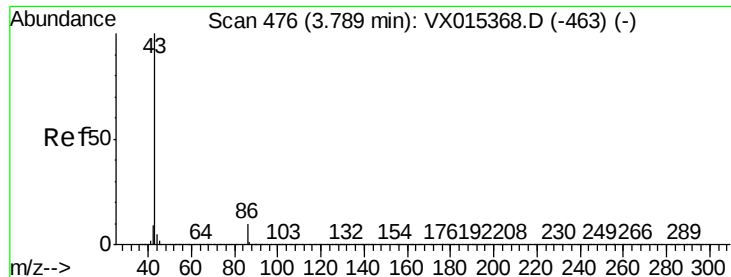
Abundance Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0

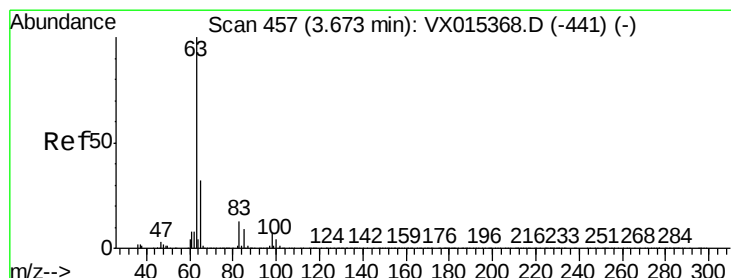
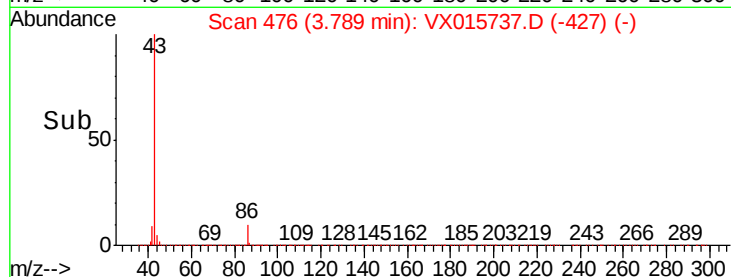
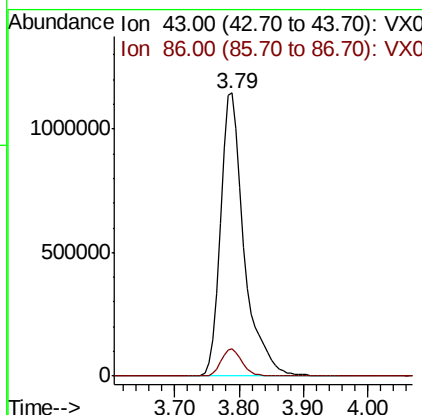
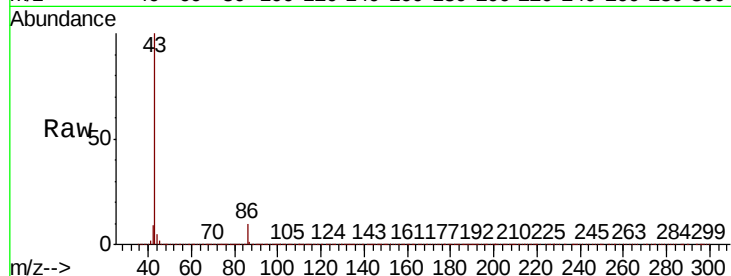




#23
 Vinyl Acetate
 Concen: 90.025 ug/l
 RT: 3.79 min Scan# 476
 Delta R.T. -0.00 min
 Lab File: VX015737.D
 Acq: 17 Apr 2020 14:53

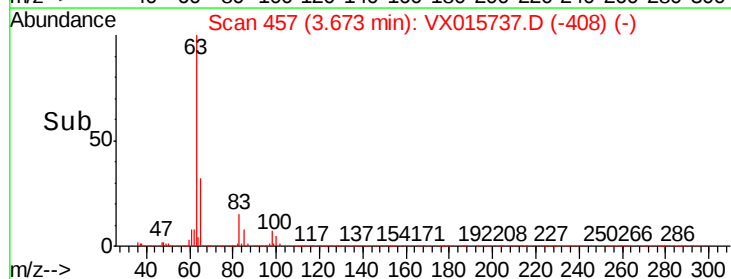
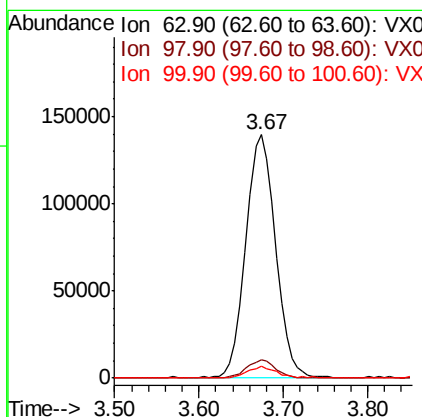
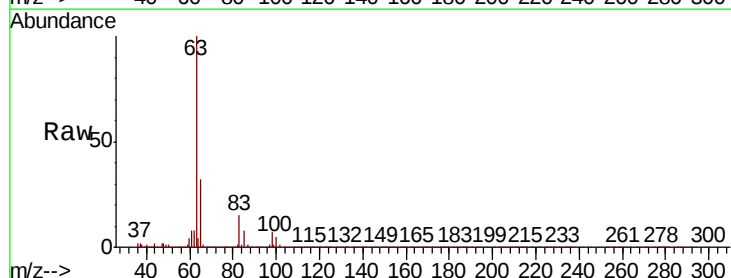
Instrument :
 MSVOA_X
 ClientSampled :

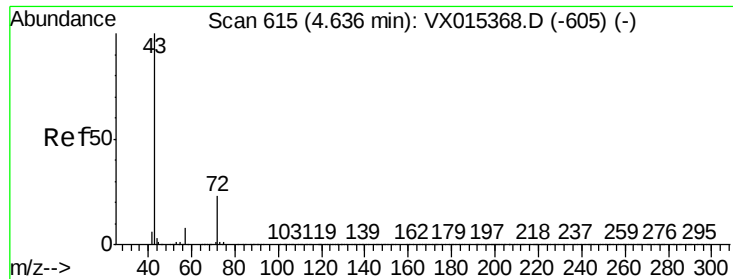
Tot Ion: 43 Resp: 2949050
 Ion Ratio Lower Upper
 43 100
 86 9.8 7.8 11.6



#24
 1,1-Dichloroethane
 Concen: 17.638 ug/l
 RT: 3.67 min Scan# 457
 Delta R.T. -0.00 min
 Lab File: VX015737.D
 Acq: 17 Apr 2020 14:53

Tgt Ion: 63 Resp: 335989
 Ion Ratio Lower Upper
 63 100
 98 7.3 3.3 9.8
 100 4.6 2.1 6.5





#25

2-Butanone

Concen: 90.279 ug/l

RT: 4.64 min Scan# 615

Delta R.T. -0.00 min

Lab File: VX015737.D

Acq: 17 Apr 2020 14:53

Instrument :

MSVOA_X

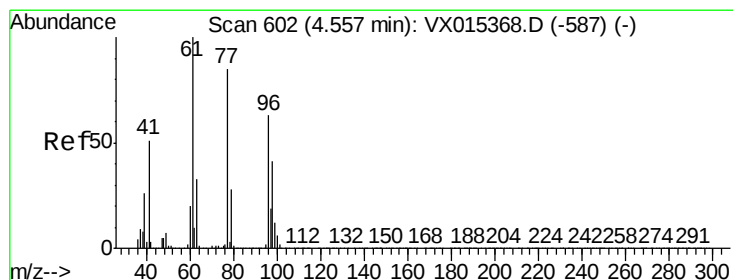
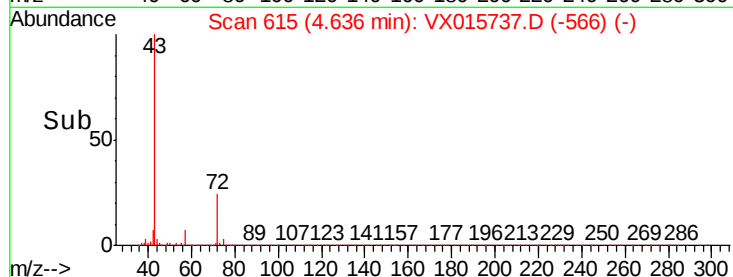
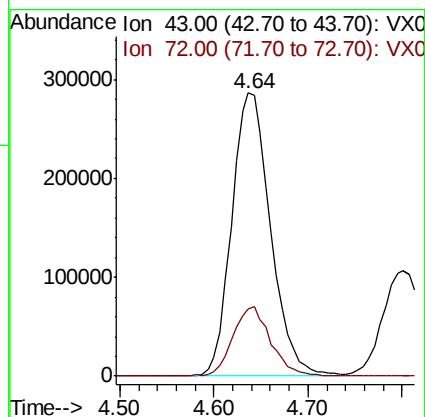
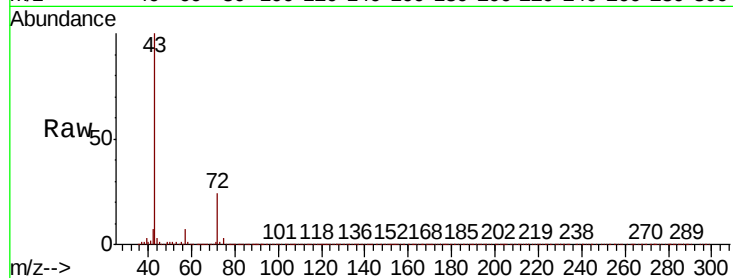
ClientSampleId :

Tot Ion: 43 Resp: 814271

Ion Ratio Lower Upper

43 100

72 23.4 19.0 28.4



#26

2,2-Dichloropropane

Concen: 17.824 ug/l

RT: 4.55 min Scan# 601

Delta R.T. -0.01 min

Lab File: VX015737.D

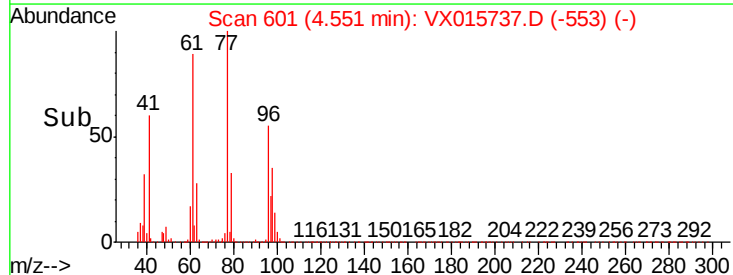
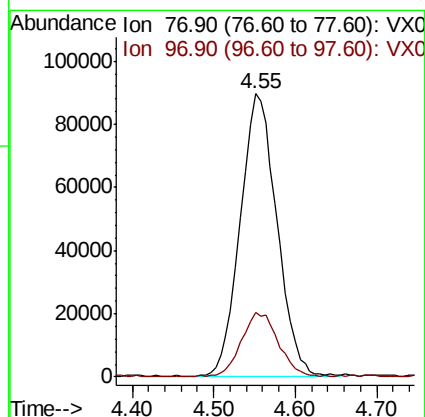
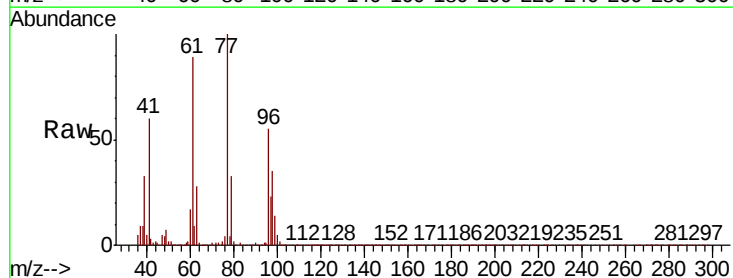
Acq: 17 Apr 2020 14:53

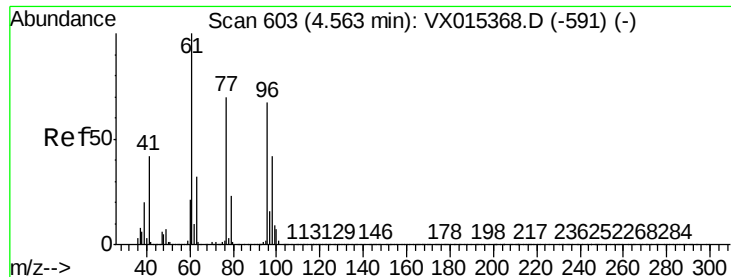
Tgt Ion: 77 Resp: 278703

Ion Ratio Lower Upper

77 100

97 22.7 11.3 33.8



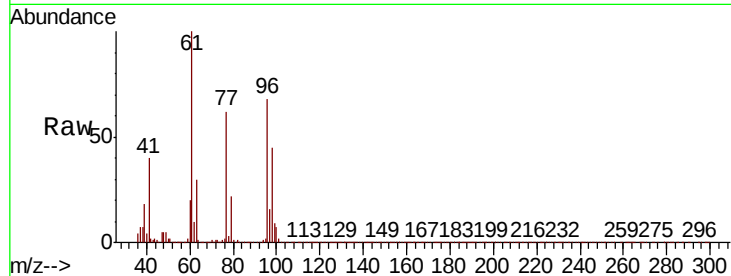


#27

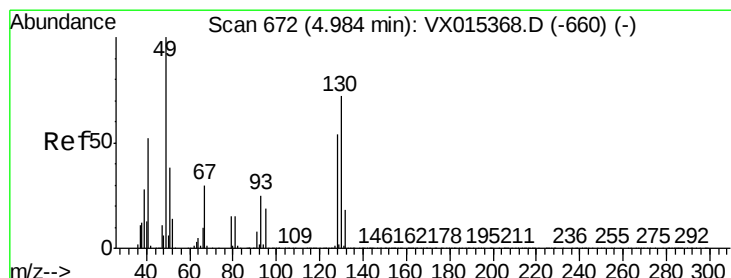
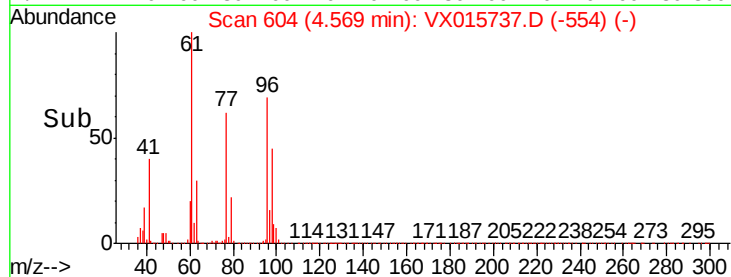
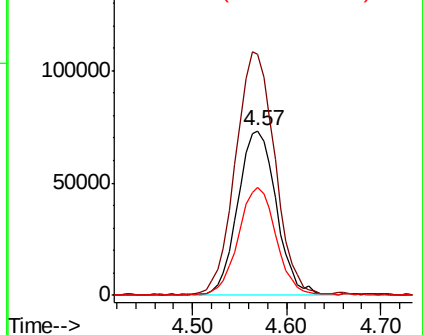
cis-1,2-Dichloroethene
Concen: 18.467 ug/l
RT: 4.57 min Scan# 604
Delta R.T. 0.01 min
Lab File: VX015737.D
Acq: 17 Apr 2020 14:53

Instrument :
MSVOA_X
ClientSampled :

Tot Ion	96	Resp	207195
Ion Ratio	Lower	Upper	
96	100		
61	151.8	0.0	308.4
98	63.9	0.0	129.2



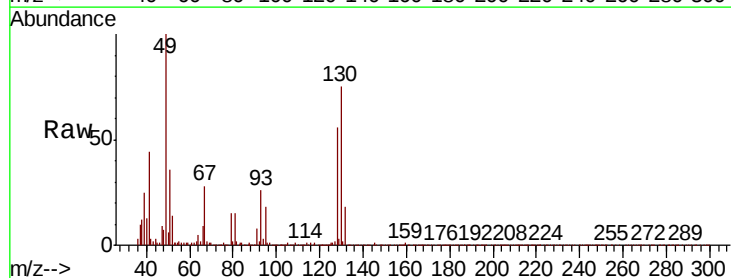
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



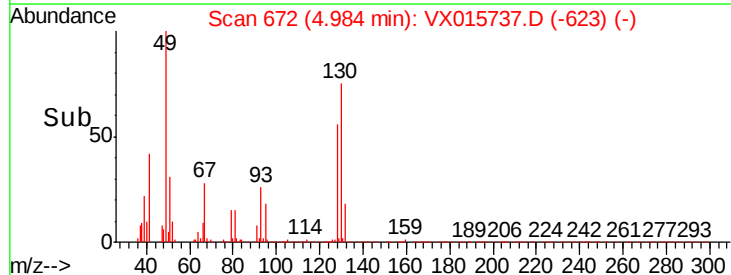
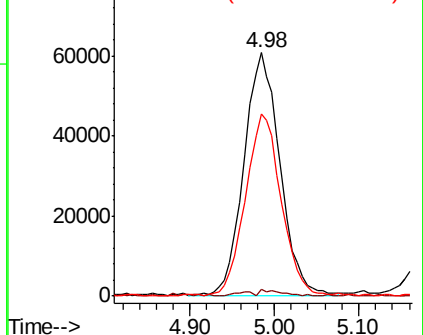
#28

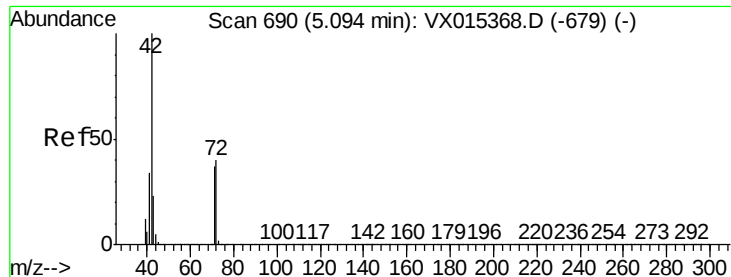
Bromochloromethane
Concen: 19.283 ug/l
RT: 4.98 min Scan# 672
Delta R.T. -0.00 min
Lab File: VX015737.D
Acq: 17 Apr 2020 14:53

Tgt Ion	49	Resp	175385
Ion Ratio	Lower	Upper	
49	100		
129	1.8	0.0	4.4
130	73.7	57.7	86.5



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

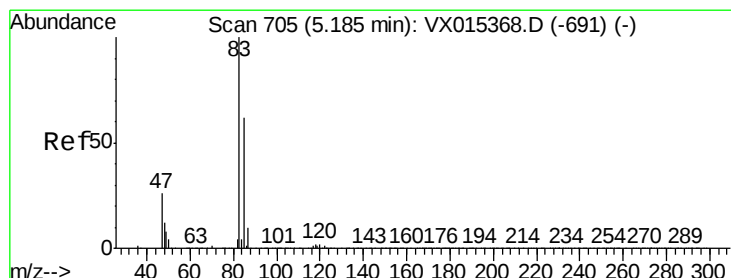
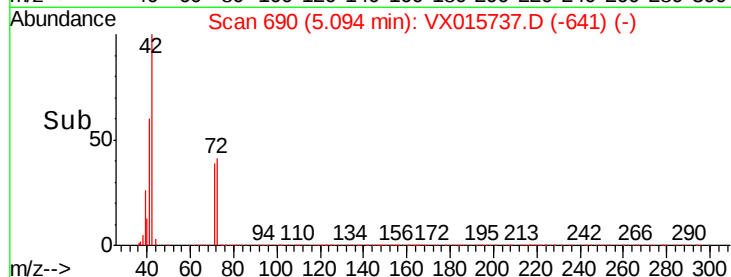
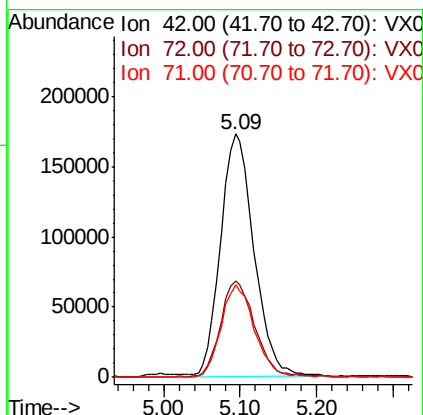
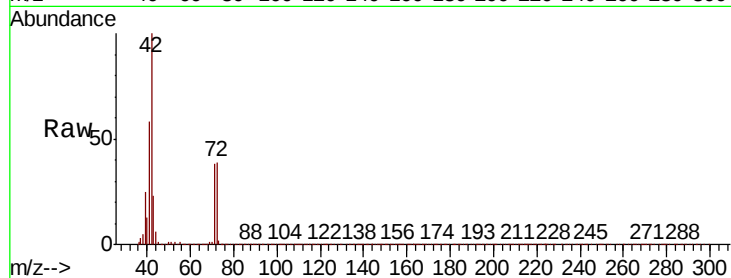




#29
Tetrahydrofuran
Concen: 89.917 ug/l
RT: 5.09 min Scan# 690
Delta R.T. -0.00 min
Lab File: VX015737.D
Acq: 17 Apr 2020 14:53

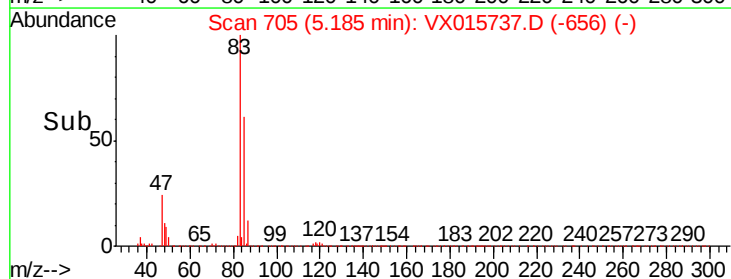
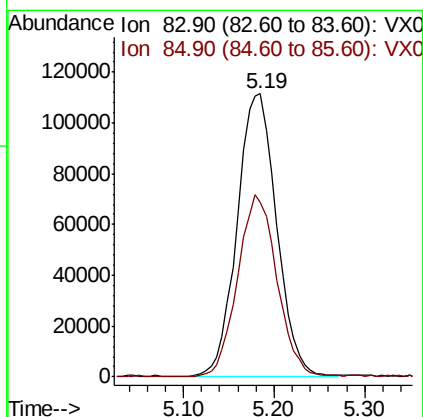
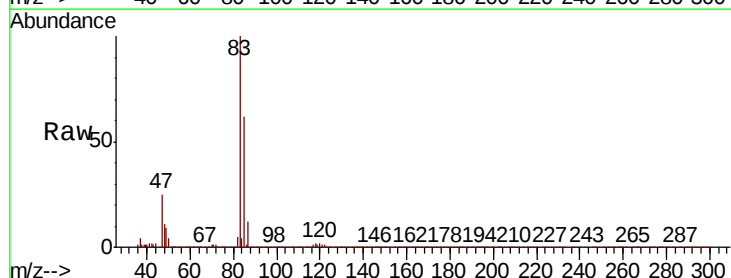
Instrument :
MSVOA_X
ClientSampleId :

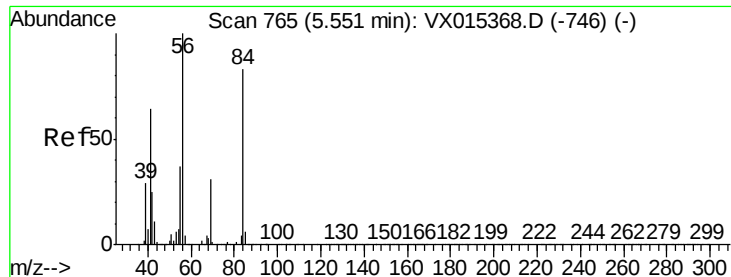
Tot Ion	Ratio	Lower	Upper
42	100		
72	40.9	31.7	47.5
71	37.8	29.6	44.4



#30
Chloroform
Concen: 18.340 ug/l
RT: 5.19 min Scan# 705
Delta R.T. -0.00 min
Lab File: VX015737.D
Acq: 17 Apr 2020 14:53

Tgt Ion	Ratio	Lower	Upper
83	100		
85	61.8	49.5	74.3

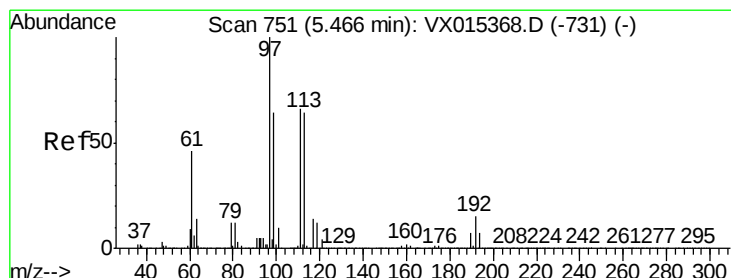
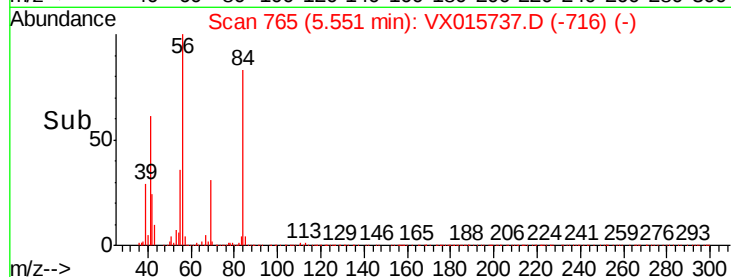
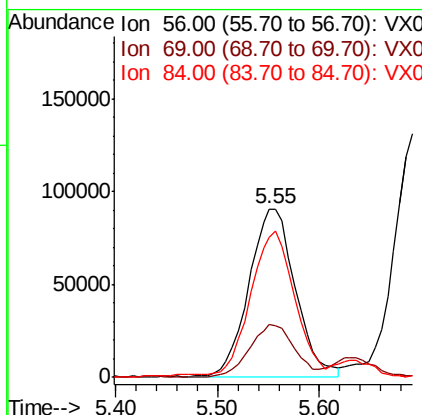
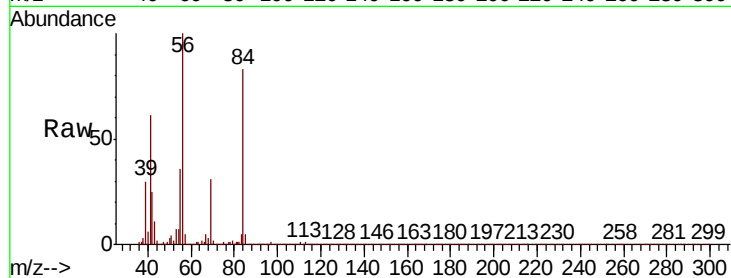




#31
Cyclohexane
Concen: 17.226 ug/l
RT: 5.55 min Scan# 765
Delta R.T. -0.00 min
Lab File: VX015737.D
Acq: 17 Apr 2020 14:53

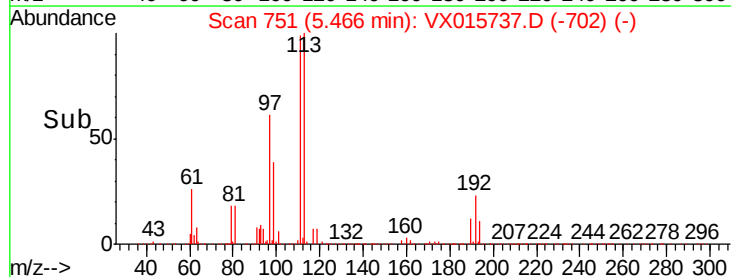
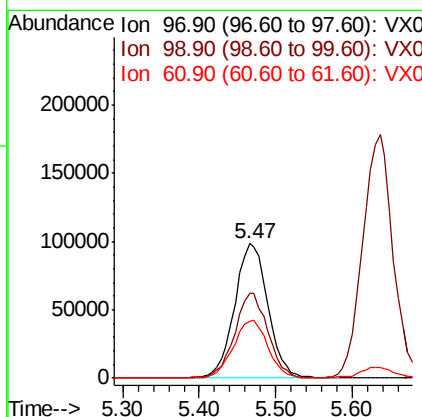
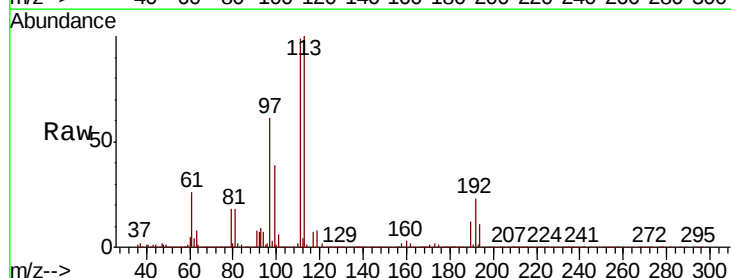
Instrument :
MSVOA_X
ClientSampleId :

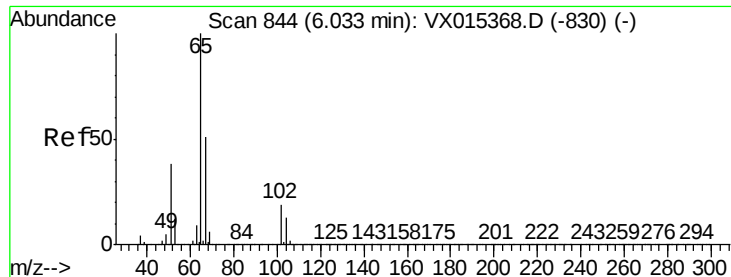
Tot Ion: 56 Resp: 284662
Ion Ratio Lower Upper
56 100
69 31.1 24.6 36.8
84 81.4 66.1 99.1



#32
1,1,1-Trichloroethane
Concen: 17.982 ug/l
RT: 5.47 min Scan# 751
Delta R.T. -0.00 min
Lab File: VX015737.D
Acq: 17 Apr 2020 14:53

Tgt Ion: 97 Resp: 298254
Ion Ratio Lower Upper
97 100
99 62.0 51.0 76.4
61 43.4 36.1 54.1





#33

1,2-Dichloroethane-d4

Concen: 47.374 ug/l

RT: 6.03 min Scan# 844

Delta R.T. -0.00 min

Lab File: VX015737.D

Acq: 17 Apr 2020 14:53

Instrument :

MSVOA_X

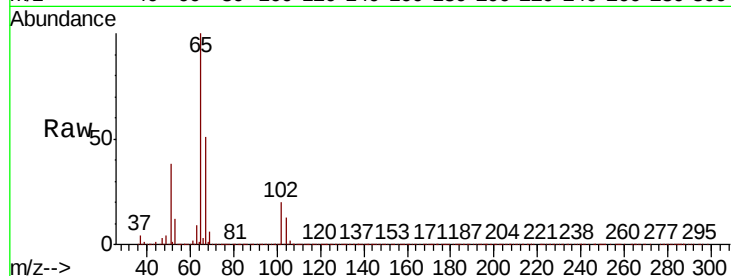
ClientSampled :

Tot Ion: 65 Resp: 618424

Ion Ratio Lower Upper

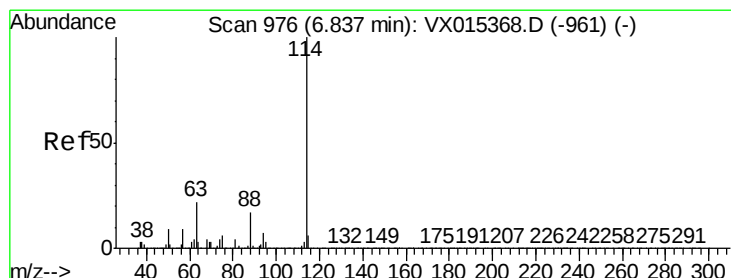
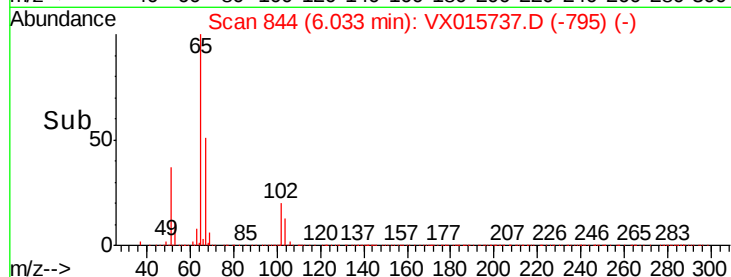
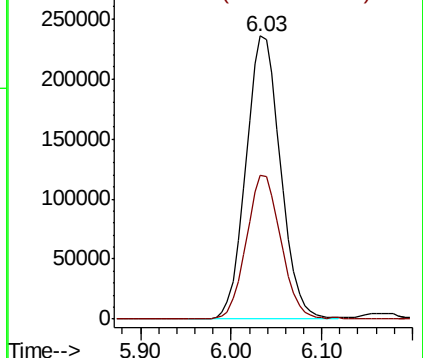
65 100

67 50.6 0.0 102.6



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.84 min Scan# 976

Delta R.T. -0.00 min

Lab File: VX015737.D

Acq: 17 Apr 2020 14:53

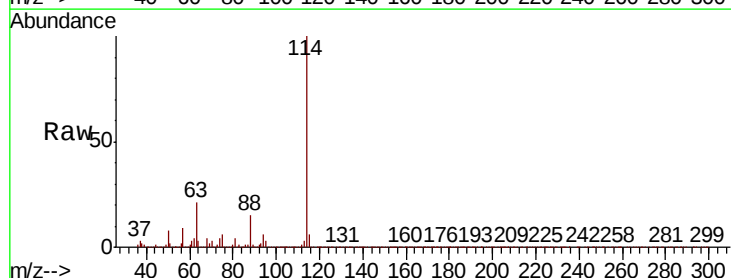
Tgt Ion: 114 Resp: 1406941

Ion Ratio Lower Upper

114 100

63 20.9 0.0 44.2

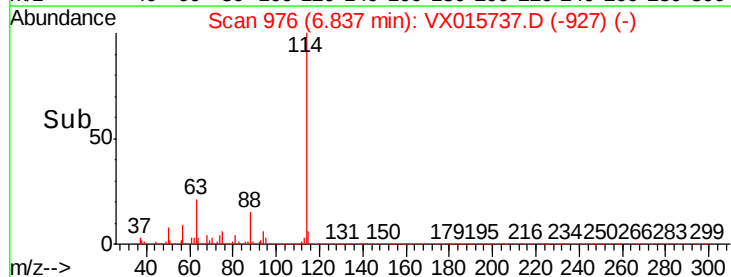
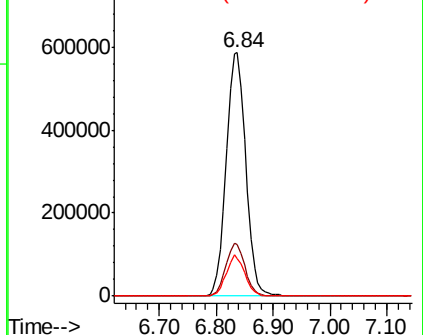
88 15.4 0.0 33.8

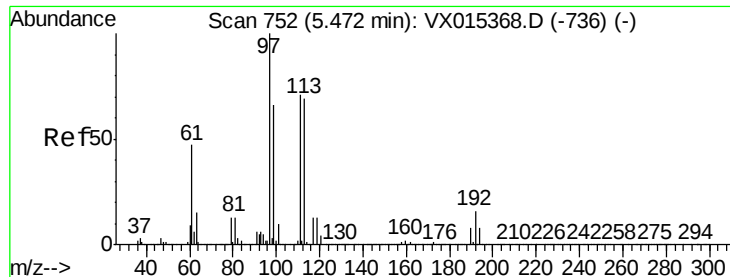


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

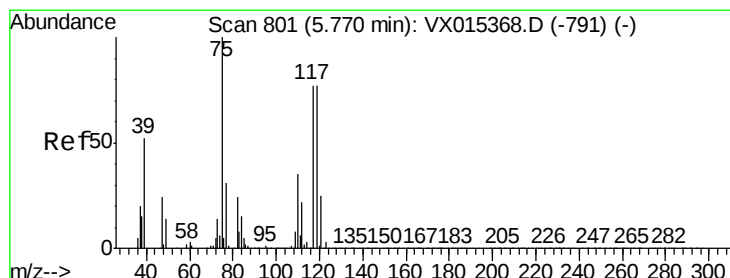
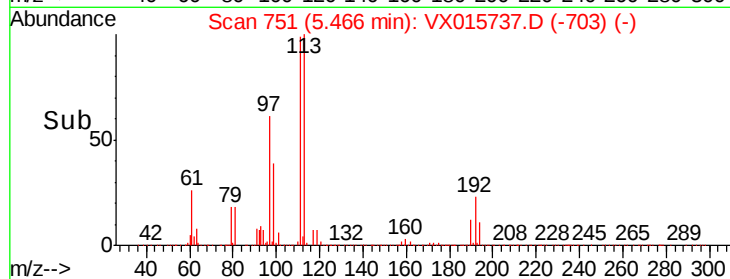
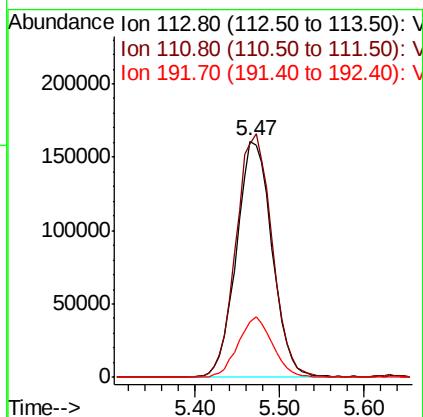
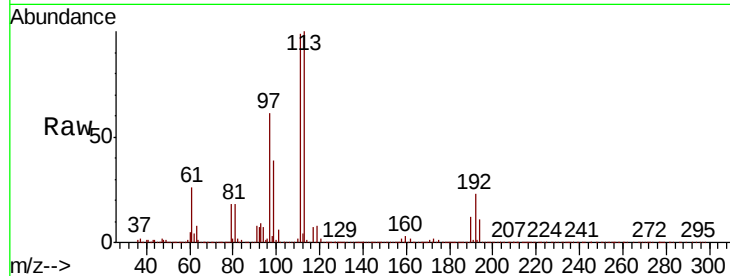




#35
 Dibromofluoromethane
 Concen: 50.951 ug/l
 RT: 5.47 min Scan# 751
 Delta R.T. -0.01 min
 Lab File: VX015737.D
 Acq: 17 Apr 2020 14:53

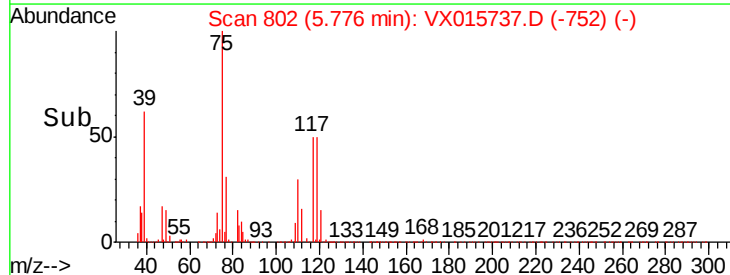
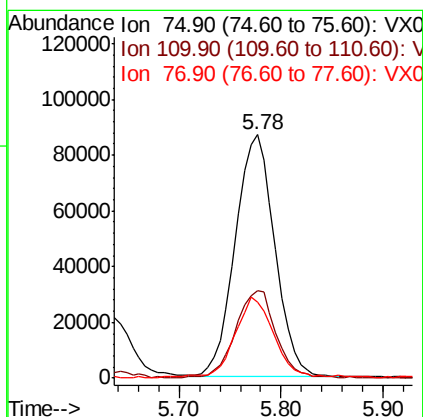
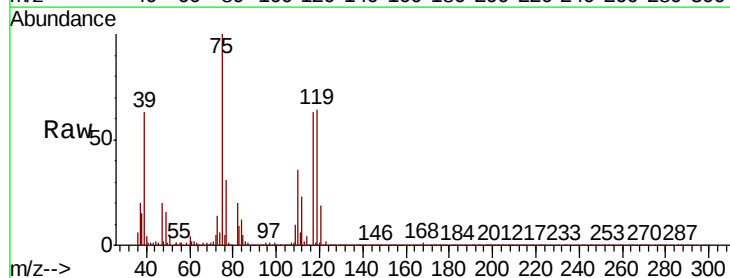
Instrument :
 MSVOA_X
 ClientSampleId :

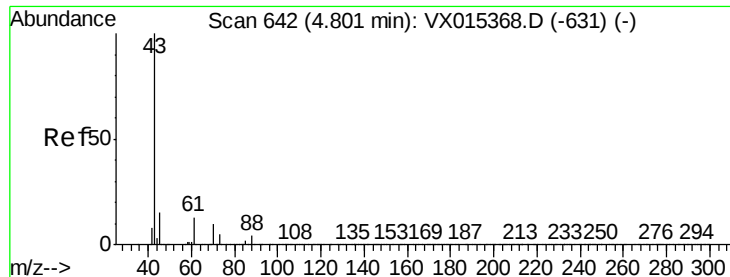
Tot Ion	Ratio	Lower	Upper
113	100		
111	104.8	81.5	122.3
192	24.8	17.8	26.6



#36
 1,1-Dichloropropene
 Concen: 18.026 ug/l
 RT: 5.78 min Scan# 802
 Delta R.T. 0.01 min
 Lab File: VX015737.D
 Acq: 17 Apr 2020 14:53

Tgt Ion	Ratio	Lower	Upper
75	100		
110	36.9	17.1	51.3
77	32.0	24.6	36.8

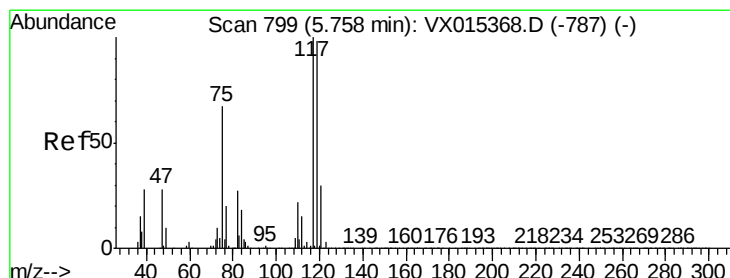
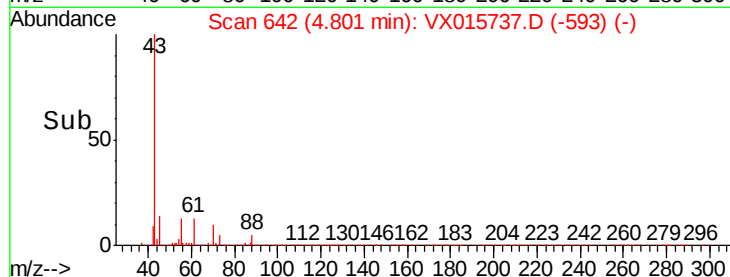
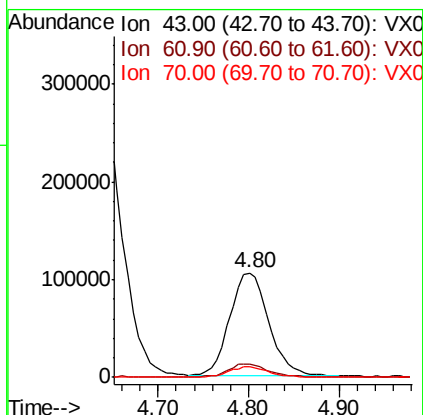
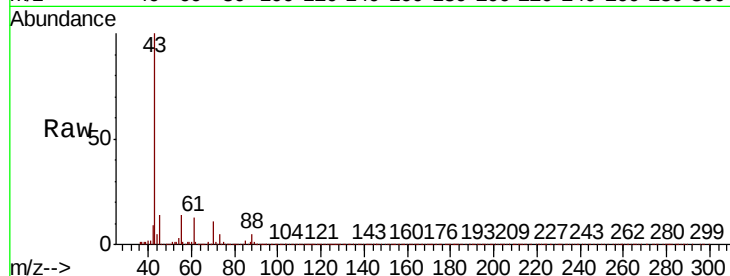




#37
Ethyl Acetate
Concen: 18.759 ug/l
RT: 4.80 min Scan# 642
Delta R.T. -0.00 min
Lab File: VX015737.D
Acq: 17 Apr 2020 14:53

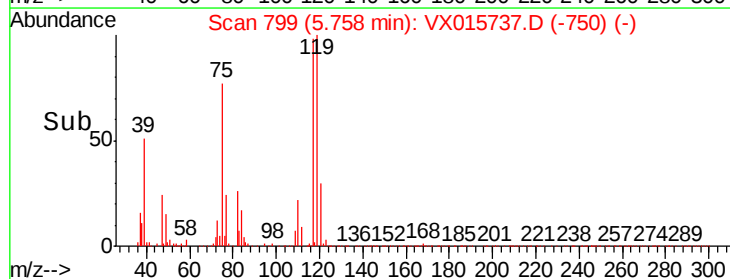
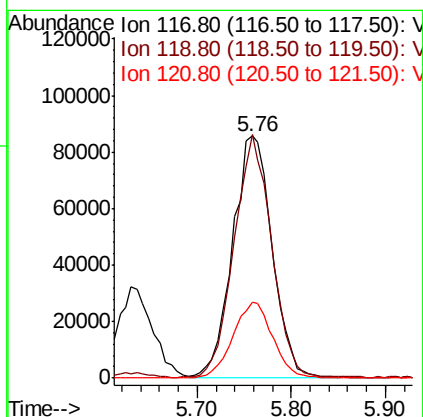
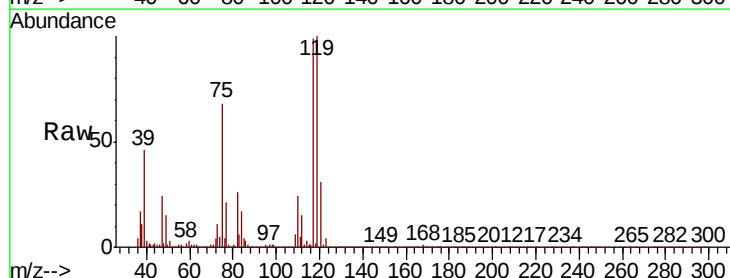
Instrument :
MSVOA_X
ClientSampleId :

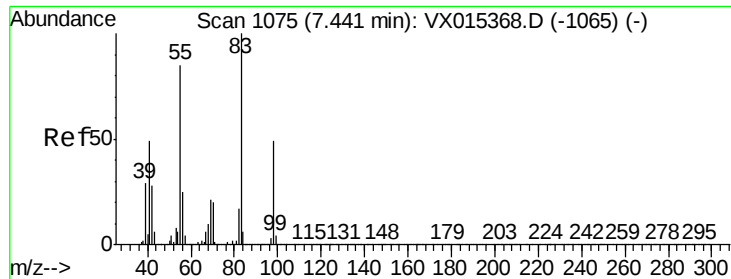
Tot Ion	Ratio	Lower	Upper
43	100		
61	12.9	9.9	14.9
70	10.0	8.1	12.1



#38
Carbon Tetrachloride
Concen: 17.800 ug/l
RT: 5.76 min Scan# 799
Delta R.T. -0.00 min
Lab File: VX015737.D
Acq: 17 Apr 2020 14:53

Tgt Ion	Ratio	Lower	Upper
117	100		
119	100.5	78.0	117.0
121	31.6	23.8	35.8

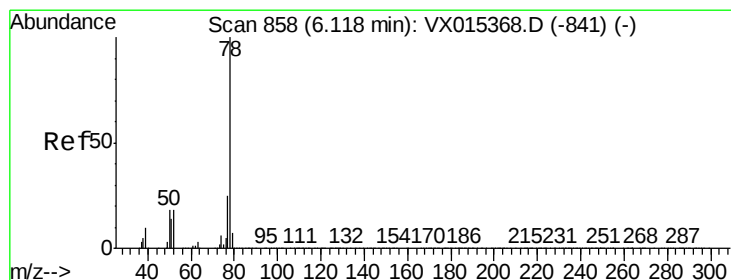
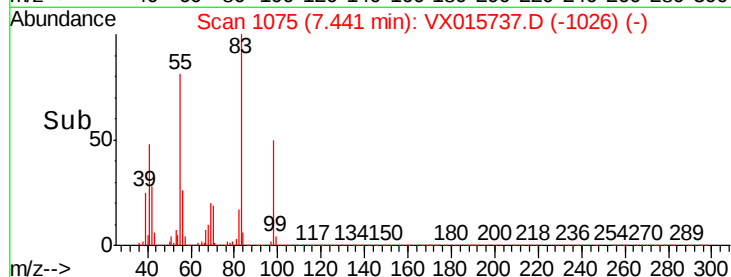
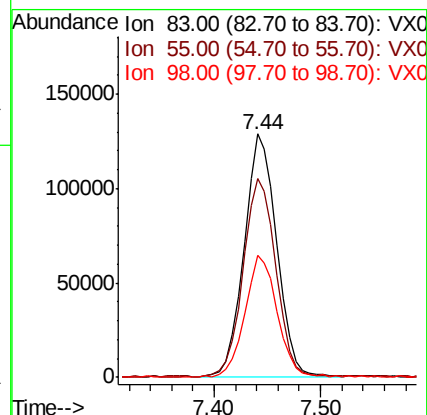
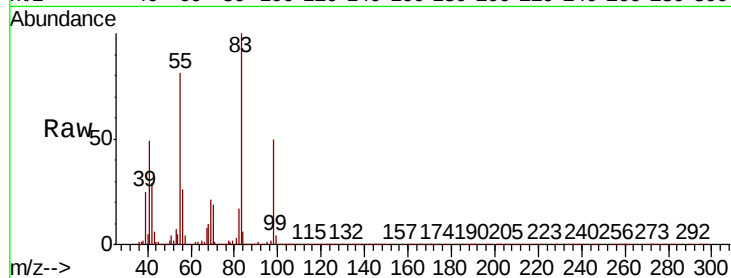




#39
Methvlcvclohexane
Concen: 18.419 ug/l
RT: 7.44 min Scan# 1075
Delta R.T. -0.00 min
Lab File: VX015737.D
Acq: 17 Apr 2020 14:53

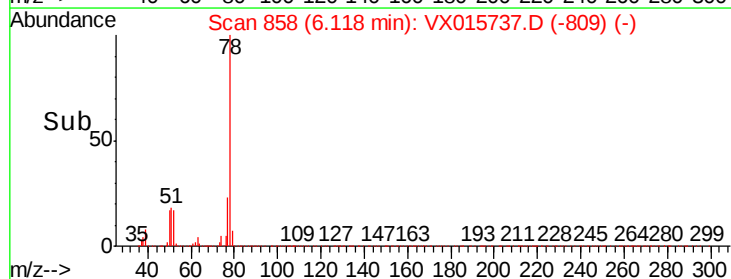
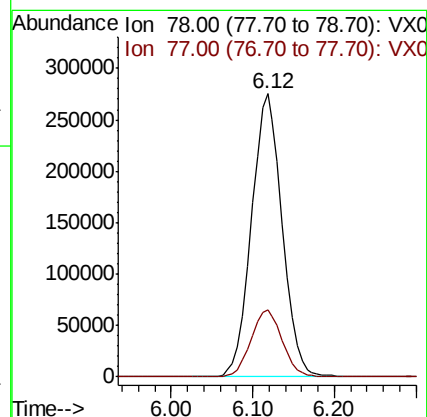
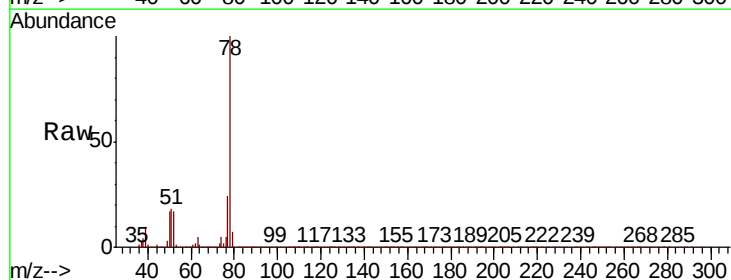
Instrument :
MSVOA_X
ClientSampleId :

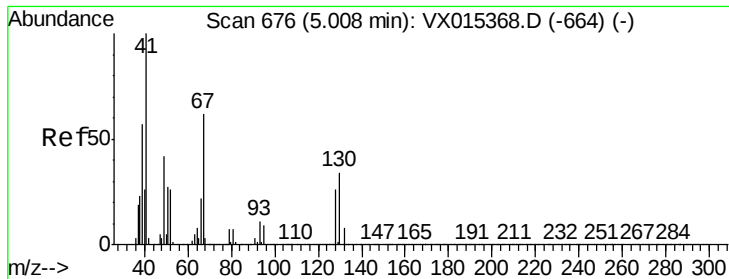
Tot Ion	Ratio	Lower	Upper
83	100		
55	81.4	67.8	101.6
98	50.2	39.3	58.9



#40
Benzene
Concen: 18.980 ug/l
RT: 6.12 min Scan# 858
Delta R.T. -0.00 min
Lab File: VX015737.D
Acq: 17 Apr 2020 14:53

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.5	19.8	29.8

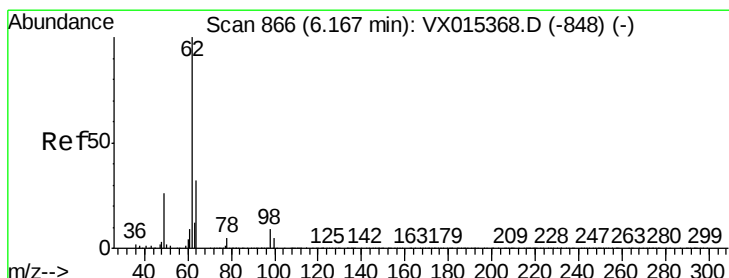
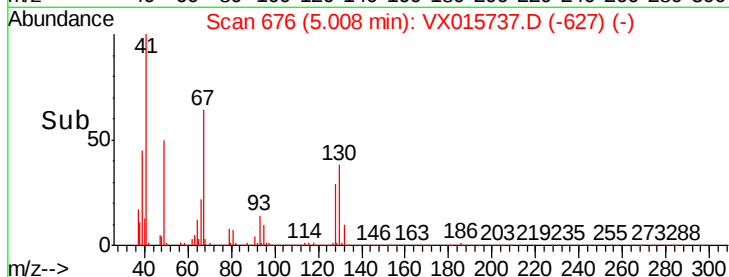
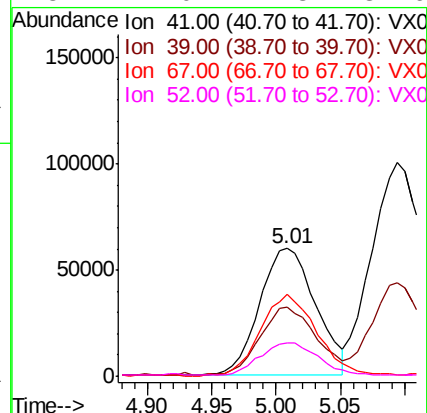
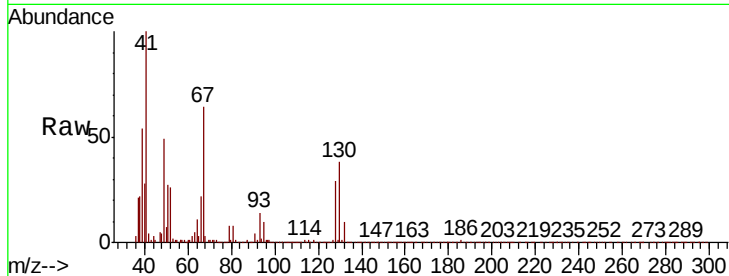




#41
Methacrylonitrile
Concen: 19.486 ug/l
RT: 5.01 min Scan# 676
Delta R.T. -0.00 min
Lab File: VX015737.D
Acq: 17 Apr 2020 14:53

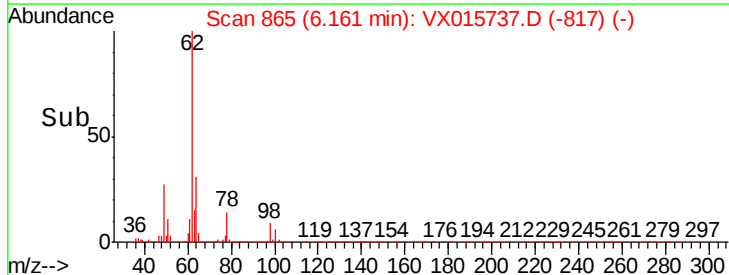
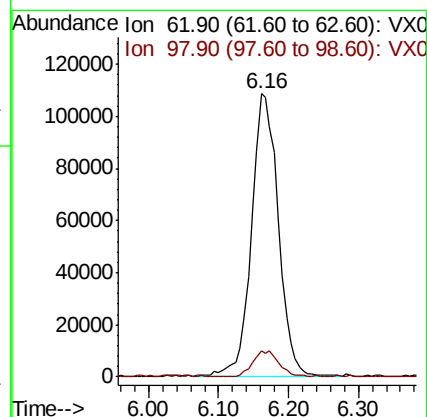
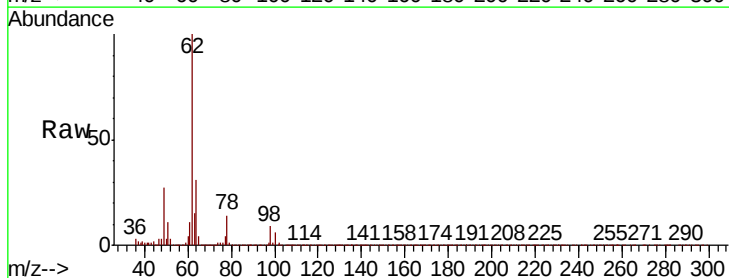
Instrument :
MSVOA_X
ClientSampleId :

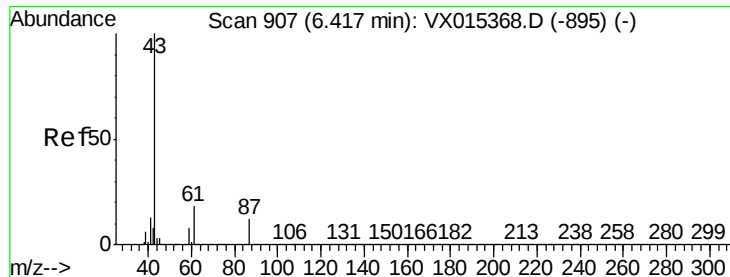
Tot Ion:	41	Resp:	182582
Ion	Ratio	Lower	Upper
41	100		
39	52.6	44.5	66.7
67	63.4	48.9	73.3
52	27.0	21.8	32.6



#42
1,2-Dichloroethane
Concen: 18.889 ug/l
RT: 6.16 min Scan# 865
Delta R.T. -0.01 min
Lab File: VX015737.D
Acq: 17 Apr 2020 14:53

Tgt Ion:	62	Resp:	288115
Ion	Ratio	Lower	Upper
62	100		
98	9.1	0.0	17.6



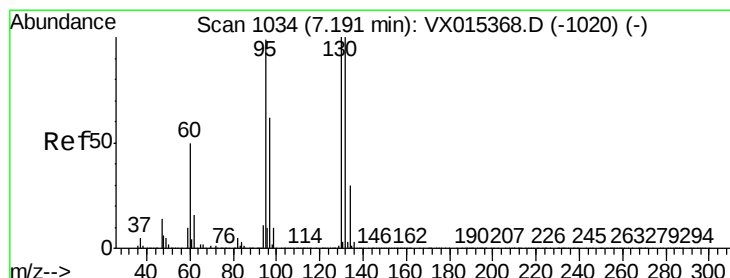
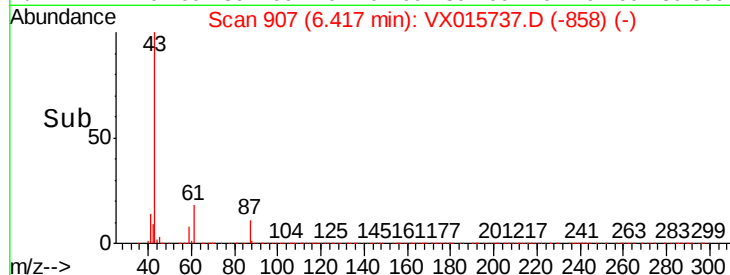
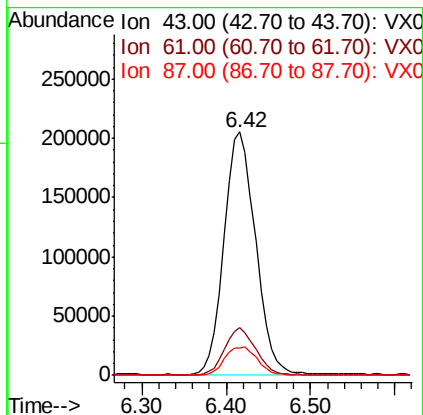
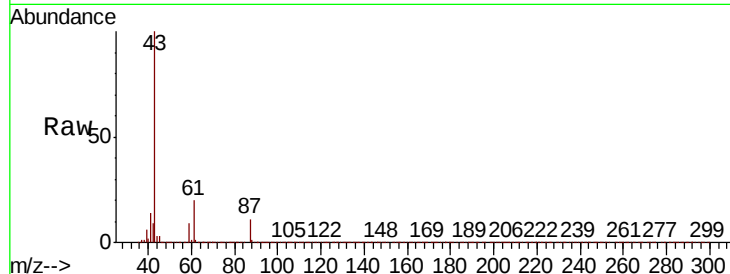


#43

Isopropyl Acetate
 Concen: 18.336 ug/l
 RT: 6.42 min Scan# 907
 Delta R.T. -0.00 min
 Lab File: VX015737.D
 Acq: 17 Apr 2020 14:53

Instrument :
 MSVOA_X
 ClientSampleID :

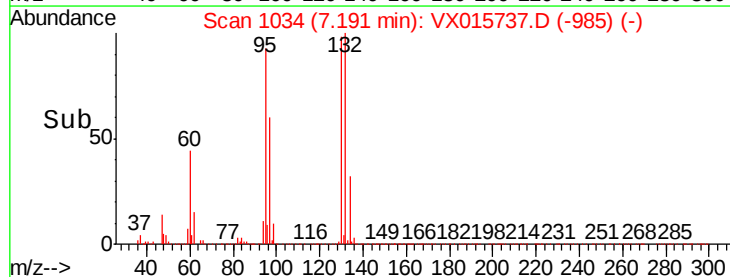
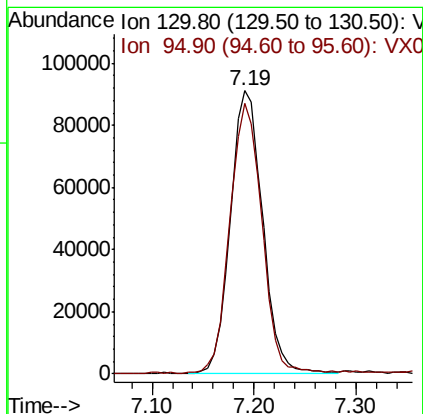
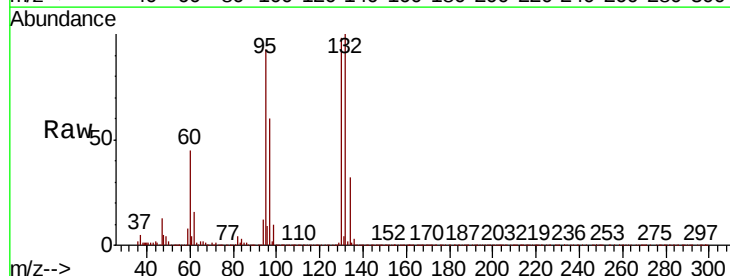
Tot Ion	Ratio	Lower	Upper
43	100		
61	19.7	14.8	22.2
87	12.1	9.4	14.0

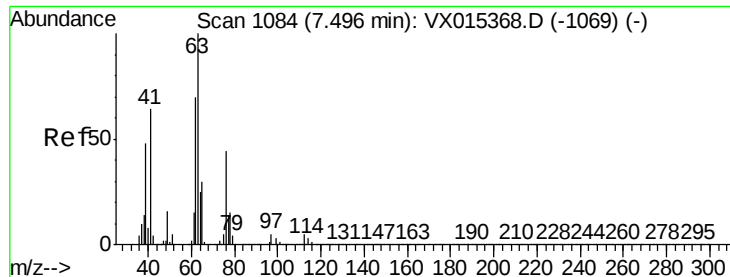


#44

Trichloroethene
 Concen: 19.110 ug/l
 RT: 7.19 min Scan# 1034
 Delta R.T. -0.00 min
 Lab File: VX015737.D
 Acq: 17 Apr 2020 14:53

Tgt Ion	Ratio	Lower	Upper
130	100		
95	95.1	0.0	199.0

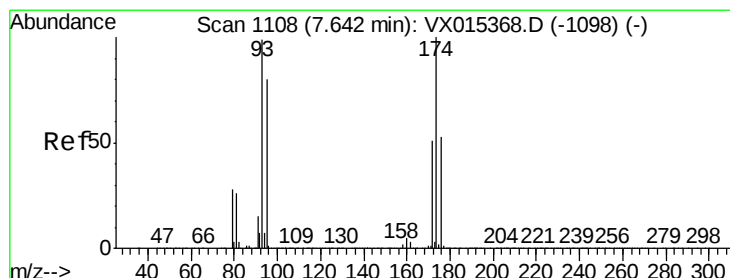
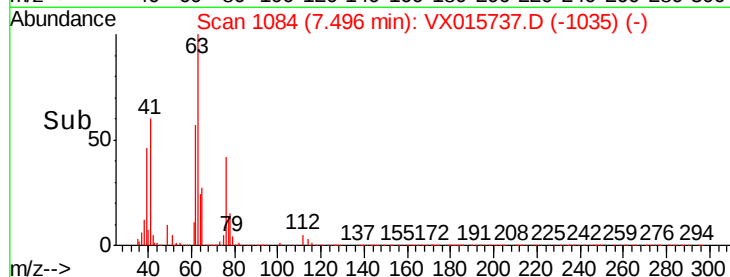
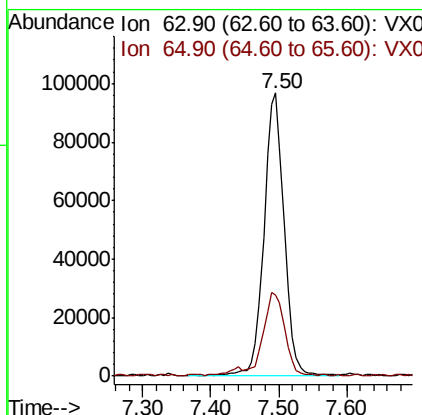
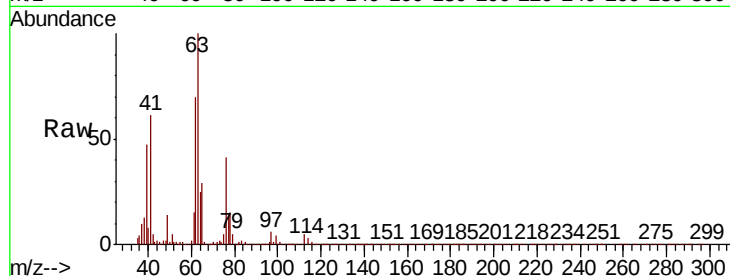




#45
 1,2-Dichloropropane
 Concen: 19.456 ug/l
 RT: 7.50 min Scan# 1084
 Delta R.T. -0.00 min
 Lab File: VX015737.D
 Acq: 17 Apr 2020 14:53

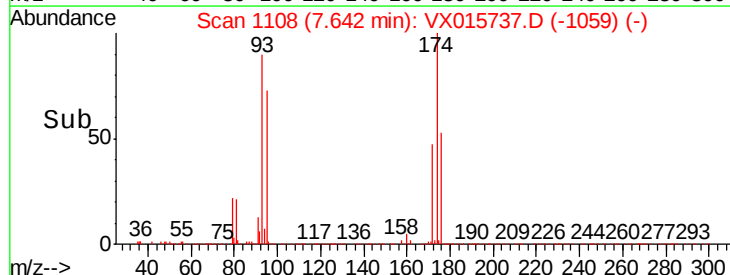
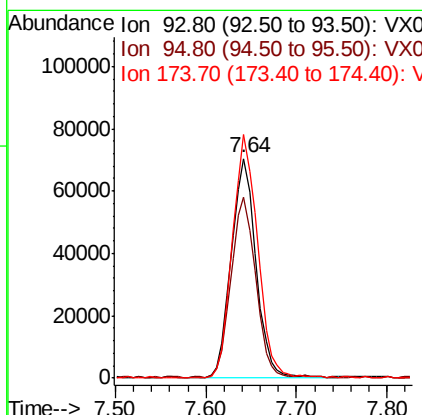
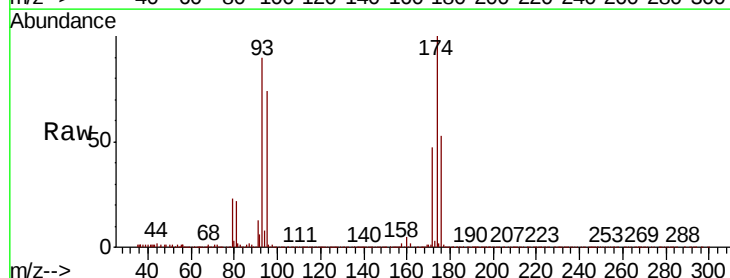
Instrument :
 MSVOA_X
 ClientSampleId :

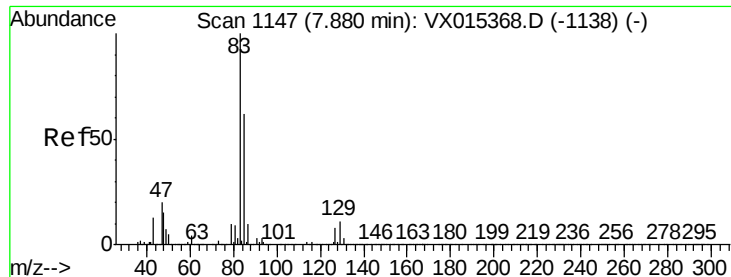
Tot Ion: 63 Resp: 202112
 Ion Ratio Lower Upper
 63 100
 65 27.9 23.9 35.9



#46
 Dibromomethane
 Concen: 19.437 ug/l
 RT: 7.64 min Scan# 1108
 Delta R.T. -0.00 min
 Lab File: VX015737.D
 Acq: 17 Apr 2020 14:53

Tgt Ion: 93 Resp: 132447
 Ion Ratio Lower Upper
 93 100
 95 82.2 65.8 98.8
 174 113.2 86.2 129.2





#47

Bromodichloromethane

Concen: 18.471 ug/l

RT: 7.88 min Scan# 1147

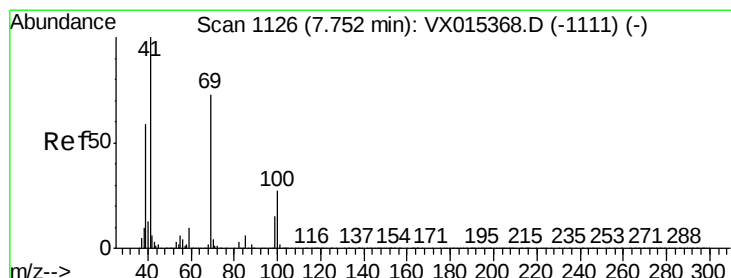
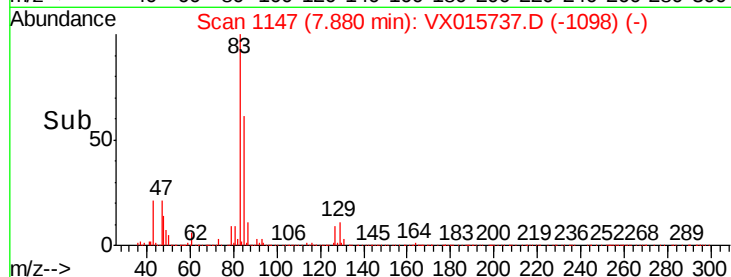
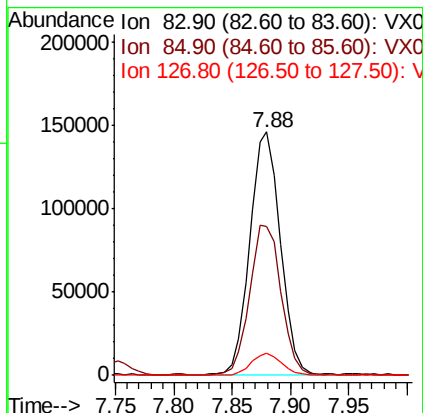
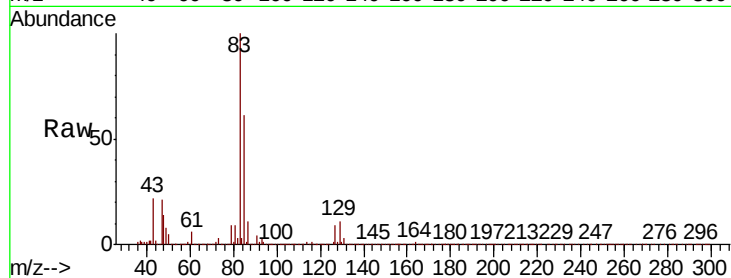
Delta R.T. -0.00 min

Lab File: VX015737.D

Acq: 17 Apr 2020 14:53

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:	83	Resp:	268195
Ion	Ratio	Lower	Upper
83	100		
85	61.1	49.7	74.5
127	9.2	6.7	10.1



#48

Methyl methacrylate

Concen: 18.643 ug/l

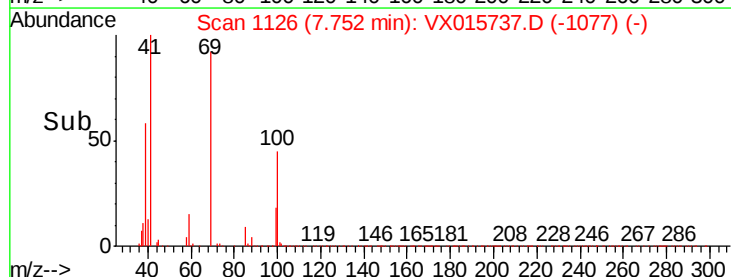
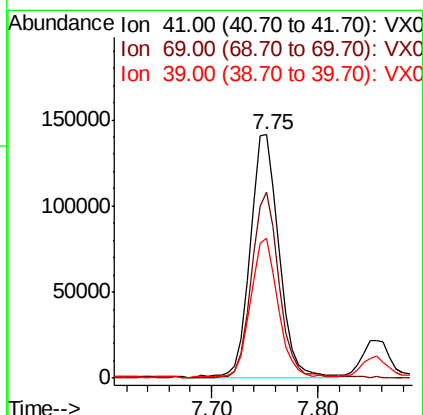
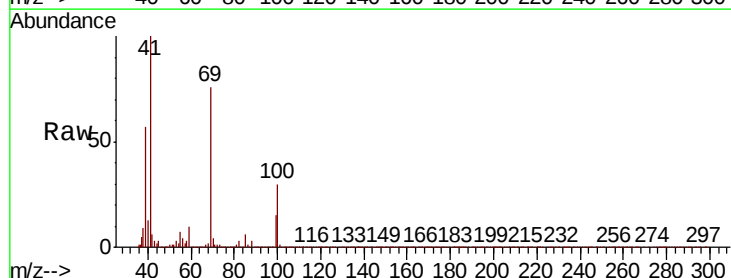
RT: 7.75 min Scan# 1126

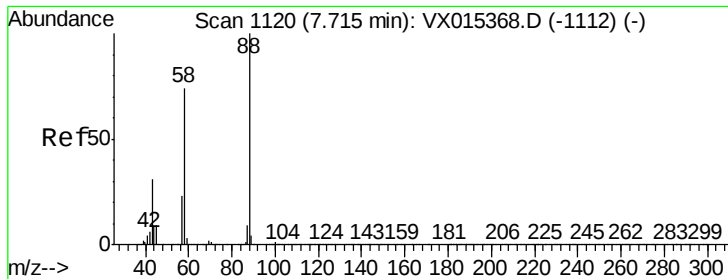
Delta R.T. -0.00 min

Lab File: VX015737.D

Acq: 17 Apr 2020 14:53

Tgt Ion:	41	Resp:	265341
Ion	Ratio	Lower	Upper
41	100		
69	73.1	56.7	85.1
39	55.4	46.5	69.7





#49

1,4-Dioxane

Concen: 387.619 ug/l

RT: 7.72 min Scan# 1120

Delta R.T. -0.00 min

Lab File: VX015737.D

Acq: 17 Apr 2020 14:53

Instrument :
MSVOA_X
ClientSampleId :

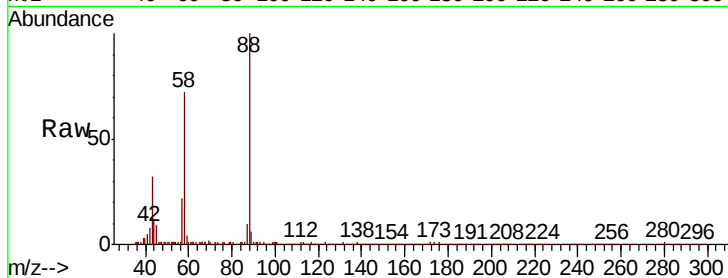
Tot Ion: 88 Resp: 102915

Ion Ratio Lower Upper

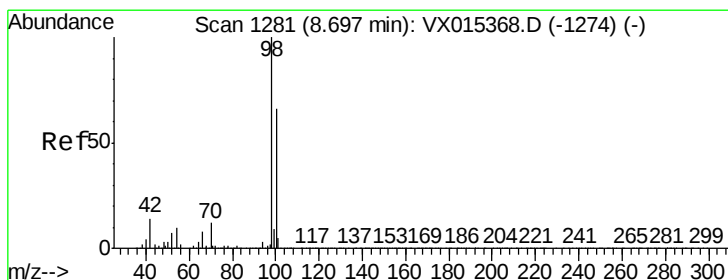
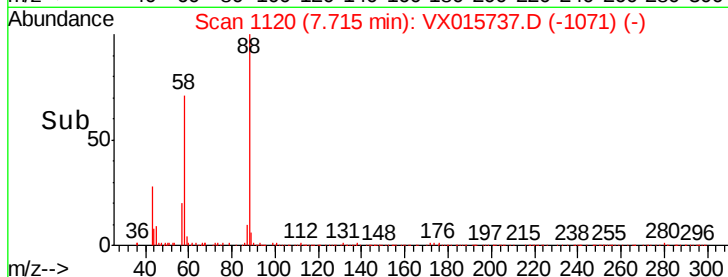
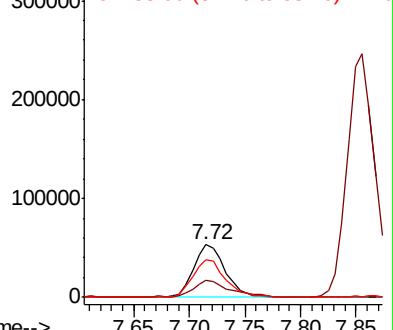
88 100

43 40.8 30.1 45.1

58 73.8 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: 51.920 ug/l

RT: 8.70 min Scan# 1281

Delta R.T. -0.00 min

Lab File: VX015737.D

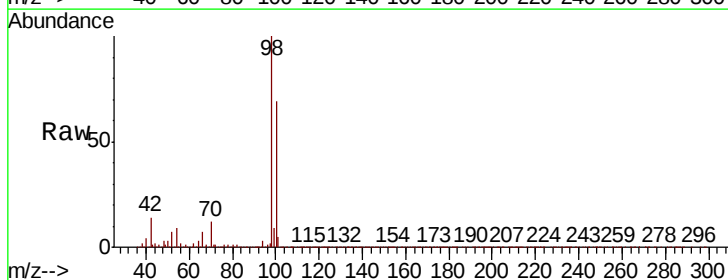
Acq: 17 Apr 2020 14:53

Tgt Ion: 98 Resp: 1719165

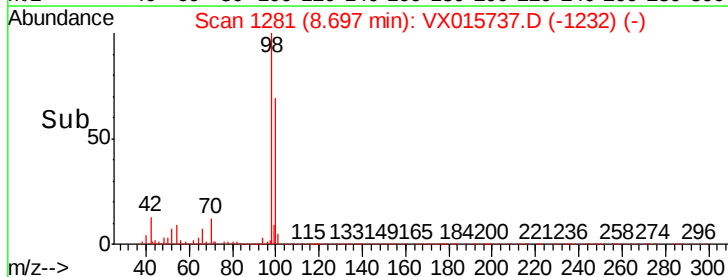
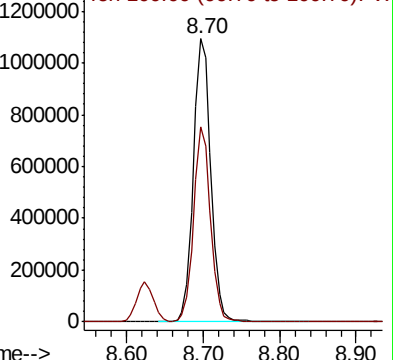
Ion Ratio Lower Upper

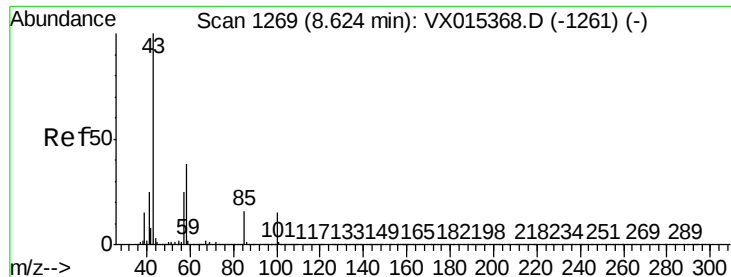
98 100

100 66.9 53.5 80.3



Abundance Ion 98.00 (97.70 to 98.70): VX0
Ion 100.00 (99.70 to 100.70): V

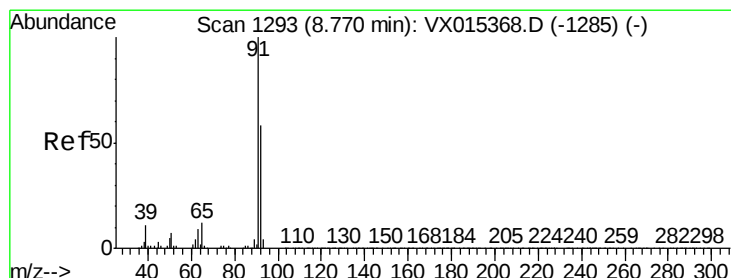
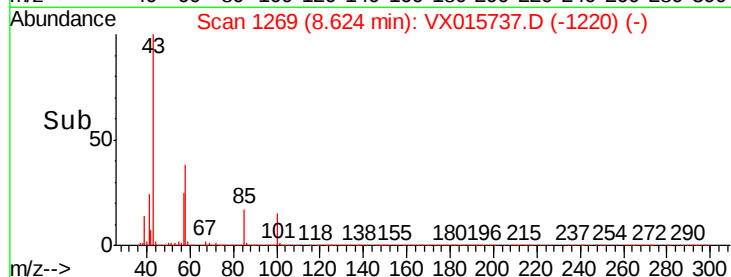
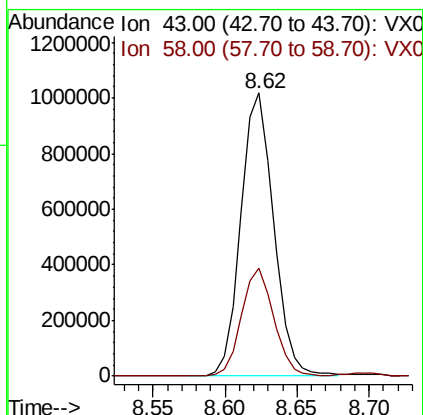
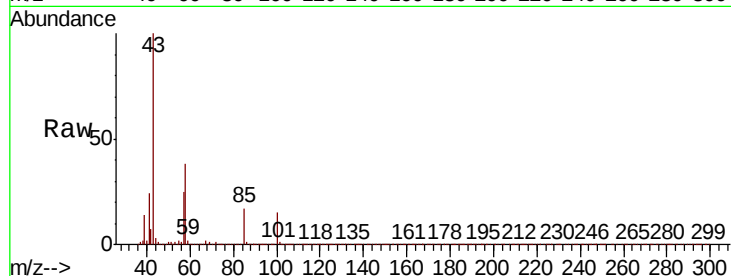




#51
4-Methyl-2-Pentanone
Concen: 99.555 ug/l
RT: 8.62 min Scan# 1269
Delta R.T. -0.00 min
Lab File: VX015737.D
Acq: 17 Apr 2020 14:53

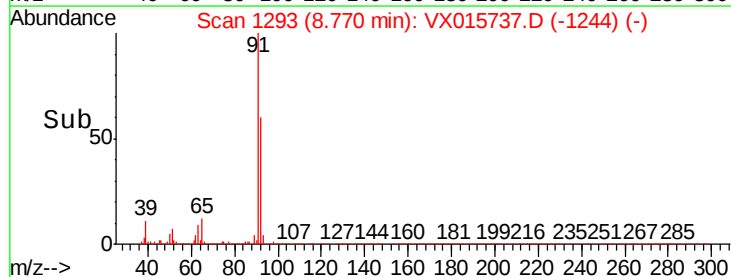
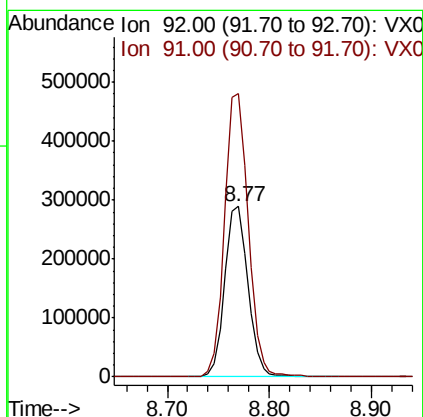
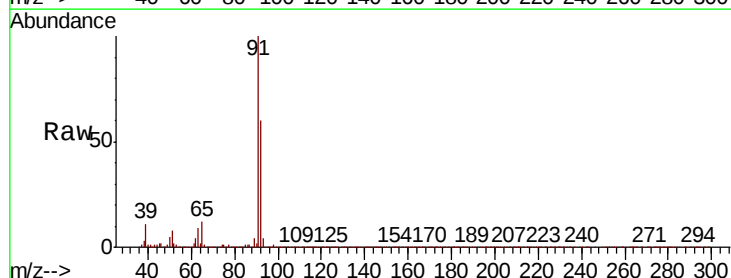
Instrument :
MSVOA_X
ClientSampled :

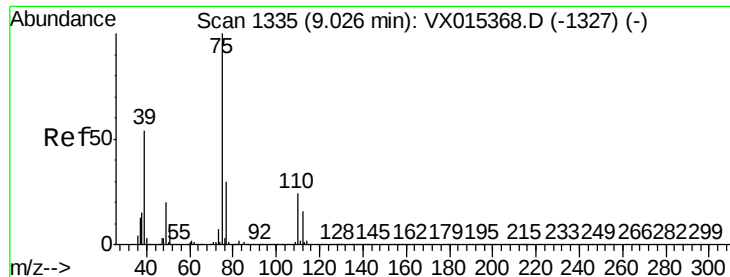
Tot Ion: 43 Resp: 1607631
Ion Ratio Lower Upper
43 100
58 37.5 29.7 44.5



#52
Toluene
Concen: 19.559 ug/l
RT: 8.77 min Scan# 1293
Delta R.T. -0.00 min
Lab File: VX015737.D
Acq: 17 Apr 2020 14:53

Tgt Ion: 92 Resp: 457916
Ion Ratio Lower Upper
92 100
91 168.6 136.6 205.0





#53

t-1,3-Dichloropropene

Concen: 17.677 ug/l

RT: 9.03 min Scan# 1335

Delta R.T. -0.00 min

Lab File: VX015737.D

Acq: 17 Apr 2020 14:53

Instrument :

MSVOA_X

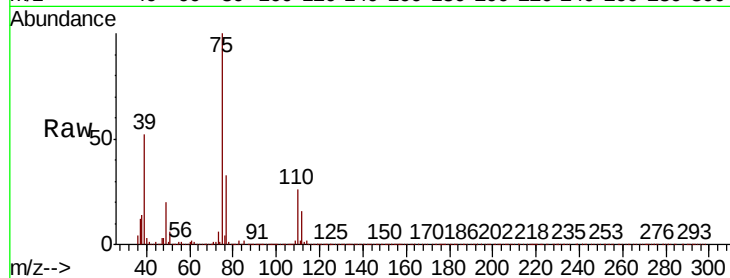
ClientSampleId :

Tot Ion: 75 Resp: 301020

Ion Ratio Lower Upper

75 100

77 32.6 24.1 36.1



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

9.03

200000

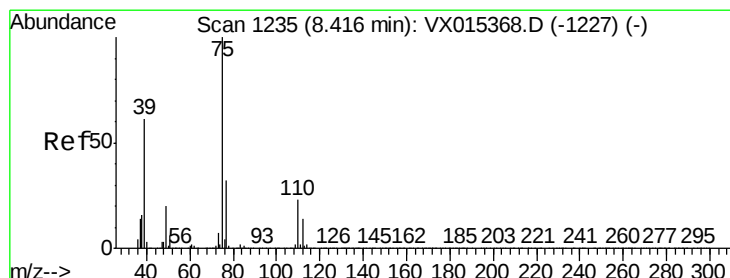
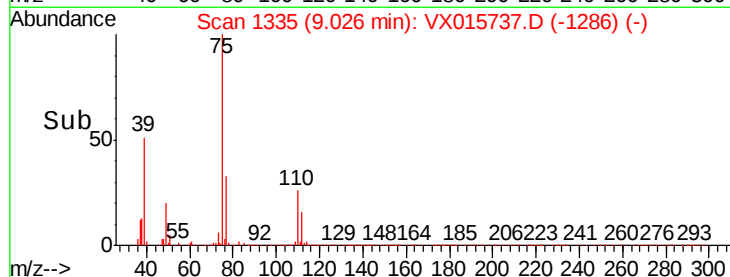
150000

100000

50000

0

Time-->



#54

cis-1,3-Dichloropropene

Concen: 18.885 ug/l

RT: 8.42 min Scan# 1235

Delta R.T. -0.00 min

Lab File: VX015737.D

Acq: 17 Apr 2020 14:53

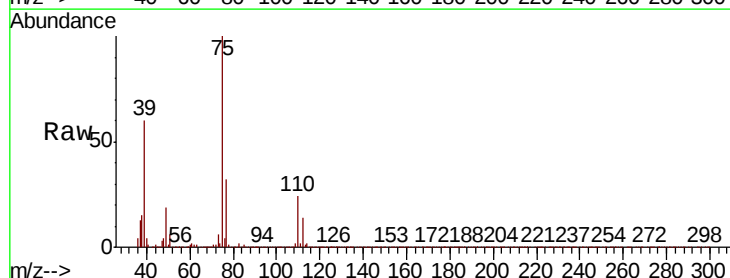
Tgt Ion: 75 Resp: 327602

Ion Ratio Lower Upper

75 100

77 31.5 25.8 38.6

39 59.2 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

200000

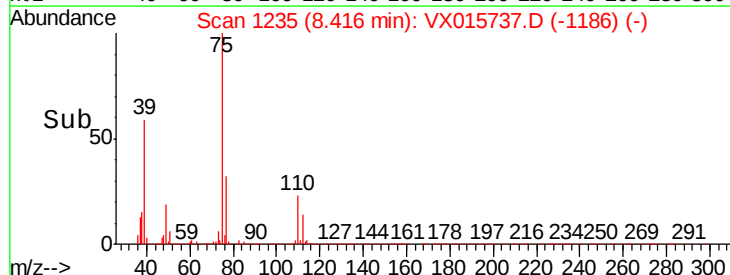
150000

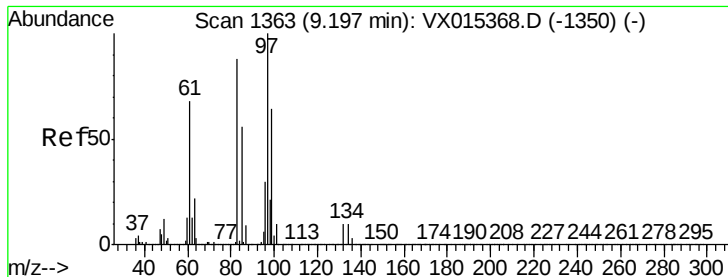
100000

50000

0

Time-->

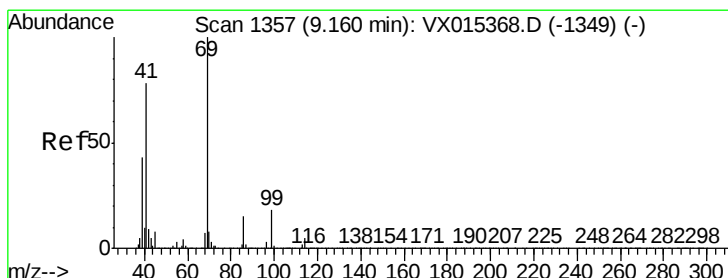
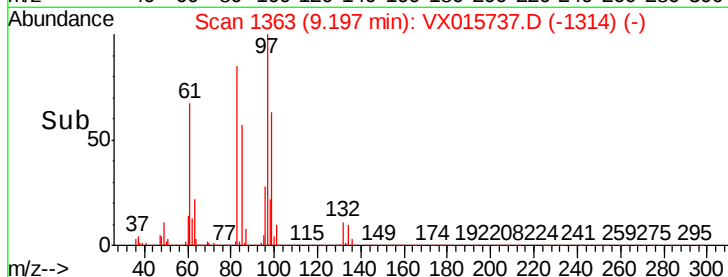
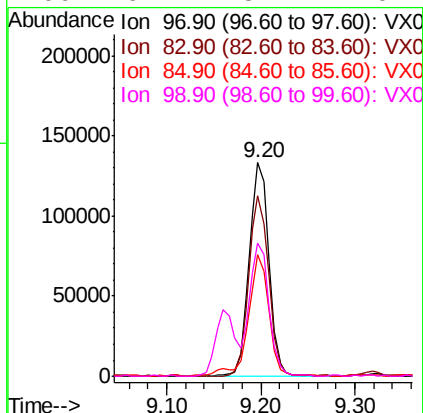
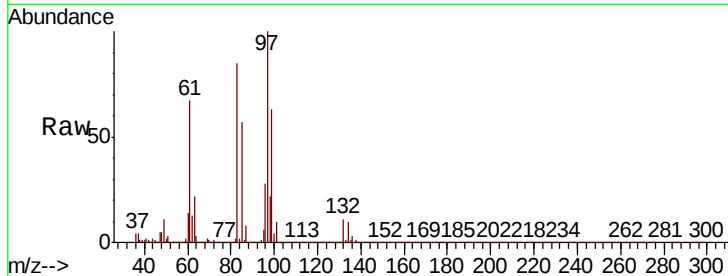




#55
1,1,2-Trichloroethane
Concen: 20.548 ug/l
RT: 9.20 min Scan# 1363
Delta R.T. -0.00 min
Lab File: VX015737.D
Acq: 17 Apr 2020 14:53

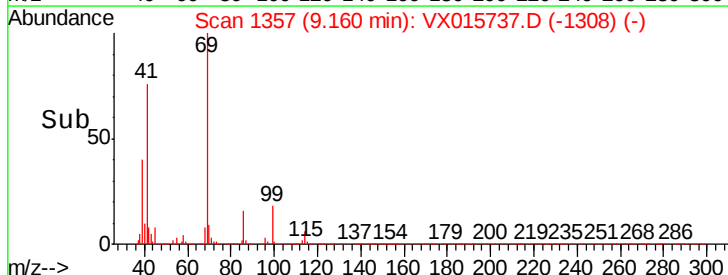
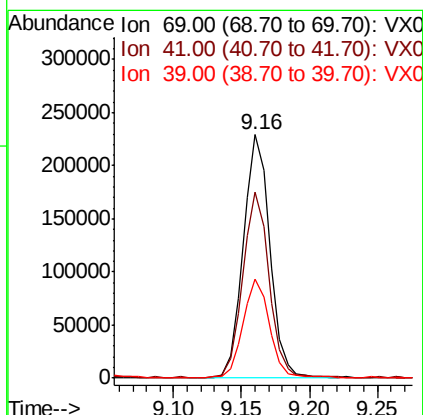
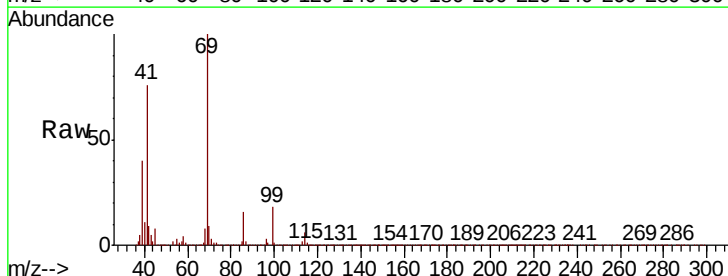
Instrument :
MSVOA_X
ClientSampleId :

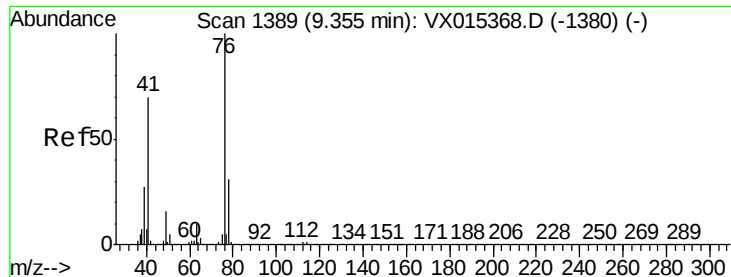
Tot Ion:	97	Resp:	197091
Ion	Ratio	Lower	Upper
97	100		
83	84.5	70.2	105.4
85	56.7	44.7	67.1
99	62.4	51.1	76.7



#56
Ethyl methacrylate
Concen: 18.471 ug/l
RT: 9.16 min Scan# 1357
Delta R.T. -0.00 min
Lab File: VX015737.D
Acq: 17 Apr 2020 14:53

Tgt Ion:	69	Resp:	312243
Ion	Ratio	Lower	Upper
69	100		
41	75.1	61.6	92.4
39	40.0	34.0	51.0

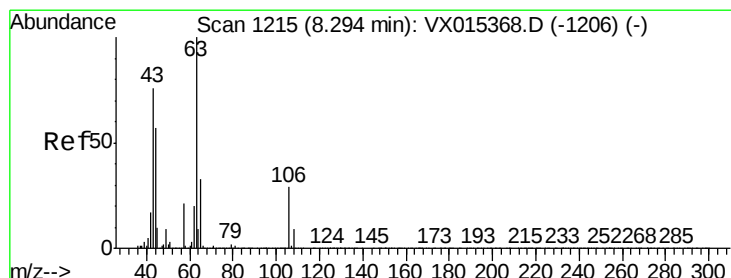
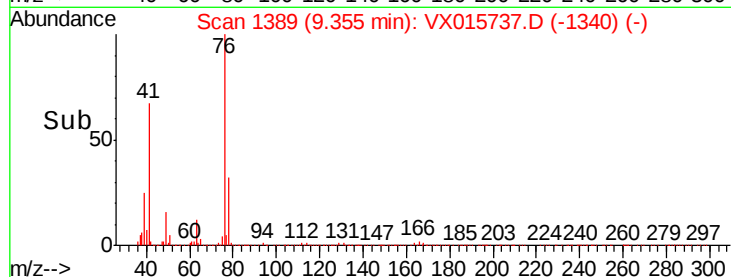
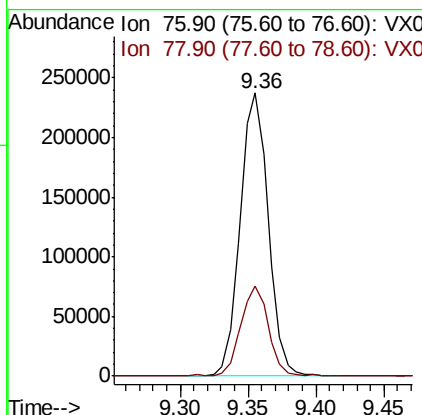
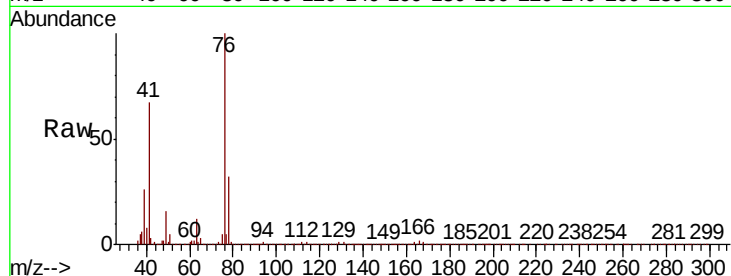




#57
 1,3-Dichloropropane
 Concen: 19.830 ug/l
 RT: 9.36 min Scan# 1389
 Delta R.T. -0.00 min
 Lab File: VX015737.D
 Acq: 17 Apr 2020 14:53

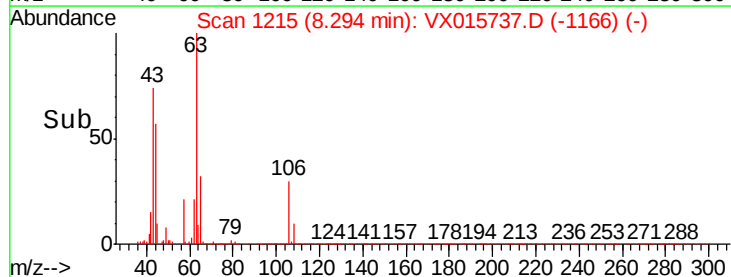
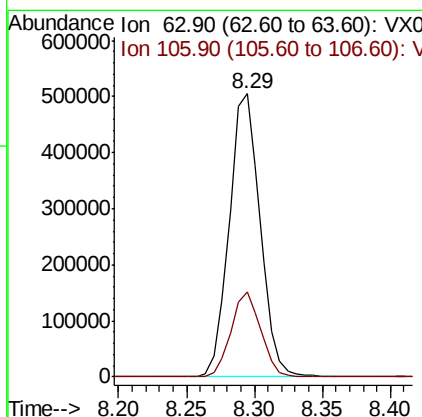
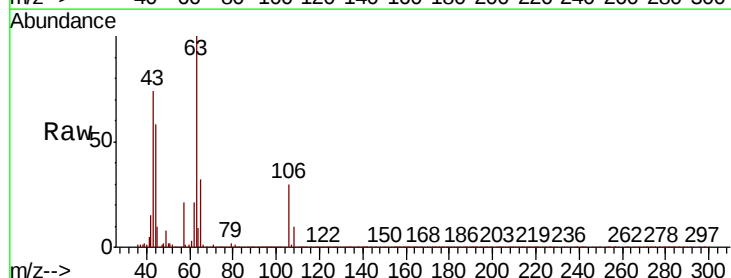
Instrument :
 MSVOA_X
 ClientSampleId :

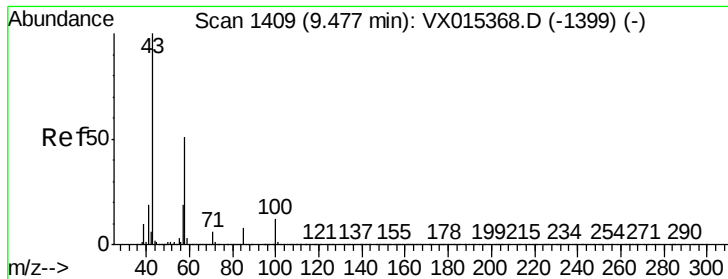
Tot Ion: 76 Resp: 342685
 Ion Ratio Lower Upper
 76 100
 78 31.2 25.8 38.8



#58
 2-Chloroethyl Vinyl ether
 Concen: 96.585 ug/l
 RT: 8.29 min Scan# 1215
 Delta R.T. -0.00 min
 Lab File: VX015737.D
 Acq: 17 Apr 2020 14:53

Tgt Ion: 63 Resp: 794155
 Ion Ratio Lower Upper
 63 100
 106 29.2 22.7 34.1

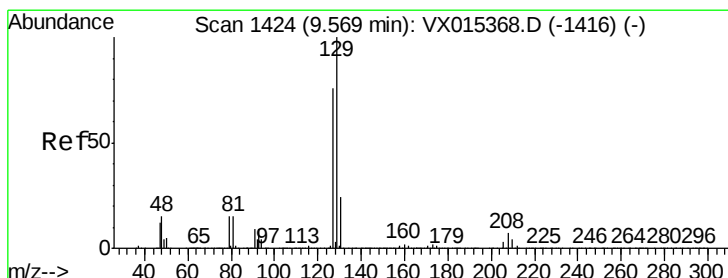
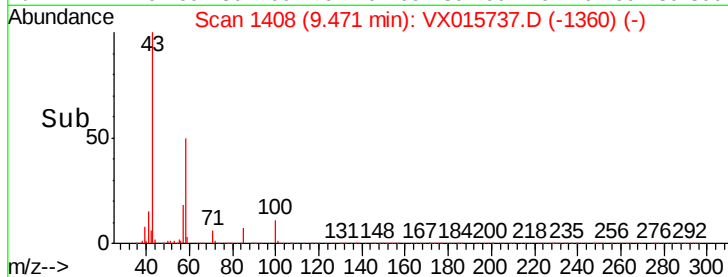
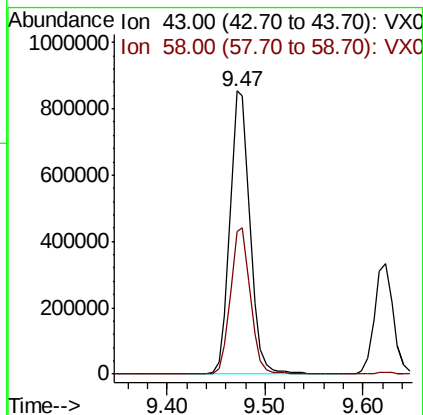
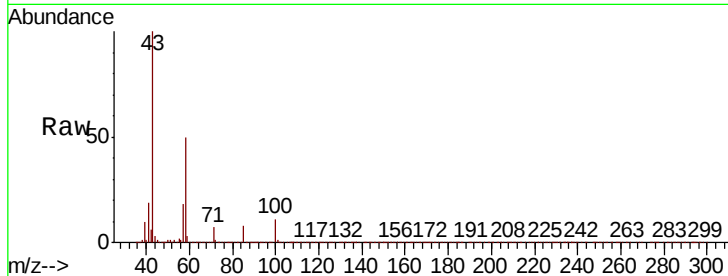




#59
2-Hexanone
Concen: 99.607 ug/l
RT: 9.47 min Scan# 1408
Delta R.T. -0.01 min
Lab File: VX015737.D
Acq: 17 Apr 2020 14:53

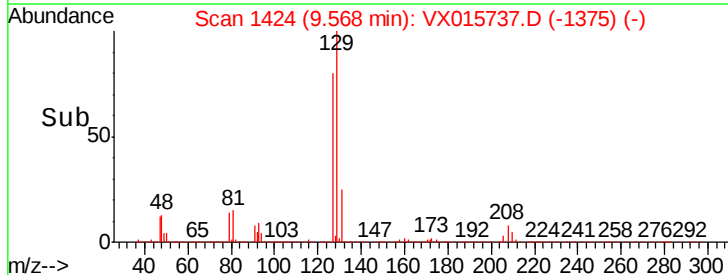
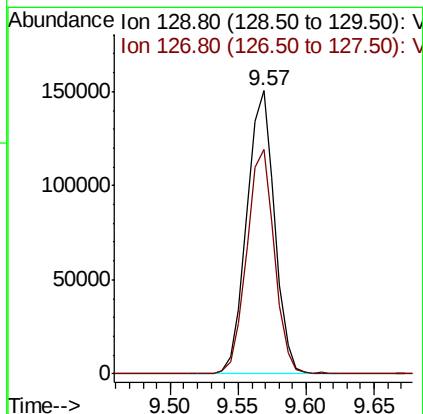
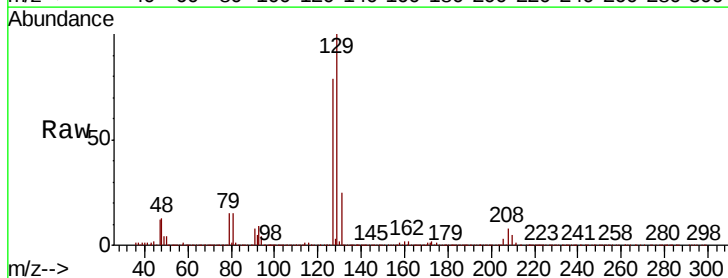
Instrument :
MSVOA_X
ClientSampleId :

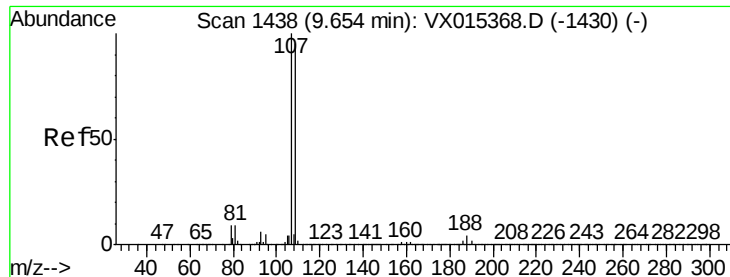
Tot Ion: 43 Resp: 1214353
Ion Ratio Lower Upper
43 100
58 51.5 25.6 76.6



#60
Dibromochloromethane
Concen: 18.686 ug/l
RT: 9.57 min Scan# 1424
Delta R.T. -0.00 min
Lab File: VX015737.D
Acq: 17 Apr 2020 14:53

Tgt Ion: 129 Resp: 215374
Ion Ratio Lower Upper
129 100
127 78.8 38.2 114.6

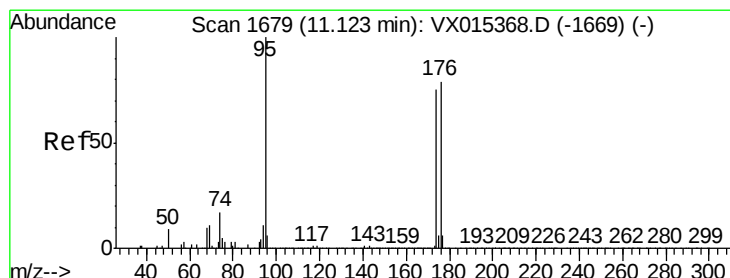
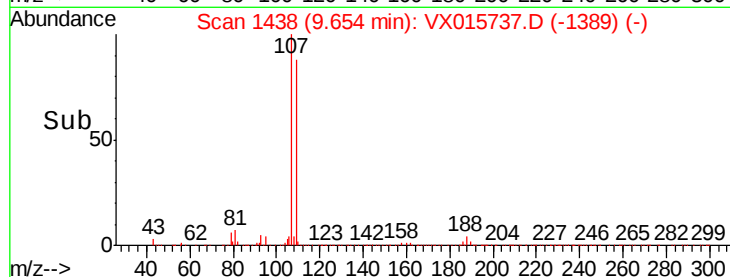
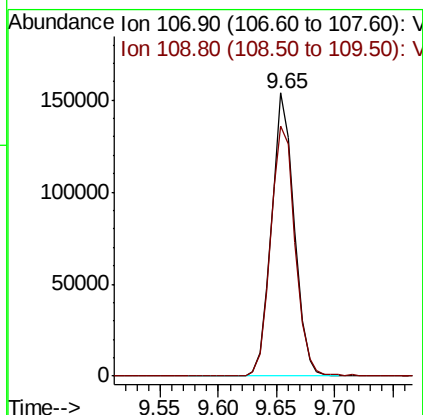
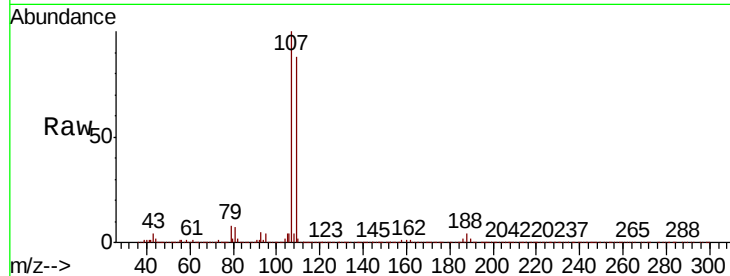




#61
 1,2-Dibromoethane
 Concen: 19.956 ug/l
 RT: 9.65 min Scan# 1438
 Delta R.T. -0.00 min
 Lab File: VX015737.D
 Acq: 17 Apr 2020 14:53

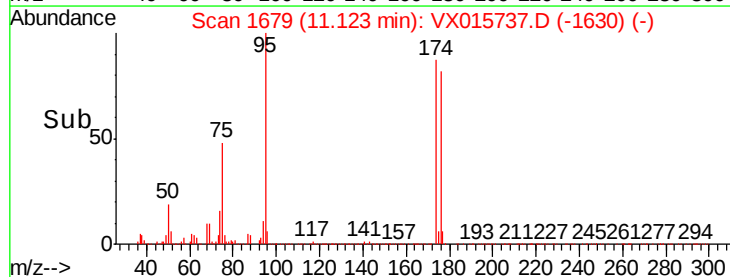
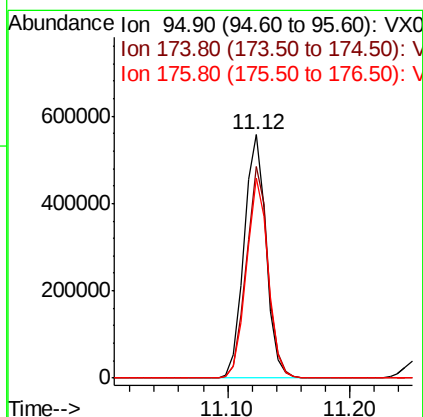
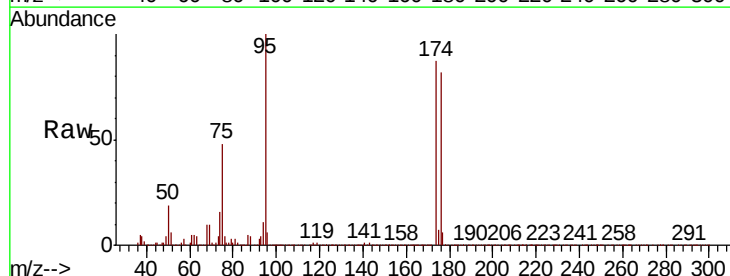
Instrument :
 MSVOA_X
 ClientSampleId :

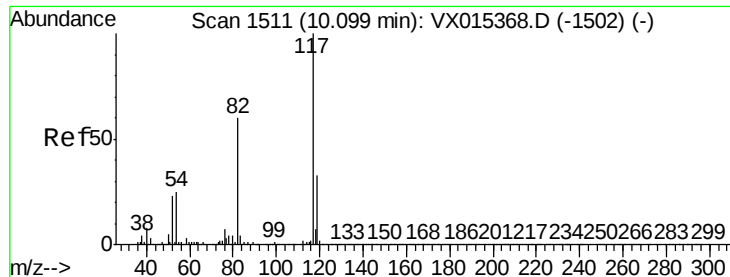
Tot Ion: 107 Resp: 208136
 Ion Ratio Lower Upper
 107 100
 109 94.8 74.8 112.2



#62
 4-Bromofluorobenzene
 Concen: 51.522 ug/l
 RT: 11.12 min Scan# 1679
 Delta R.T. -0.00 min
 Lab File: VX015737.D
 Acq: 17 Apr 2020 14:53

Tgt Ion: 95 Resp: 693322
 Ion Ratio Lower Upper
 95 100
 174 86.0 0.0 158.6
 176 81.9 0.0 159.0

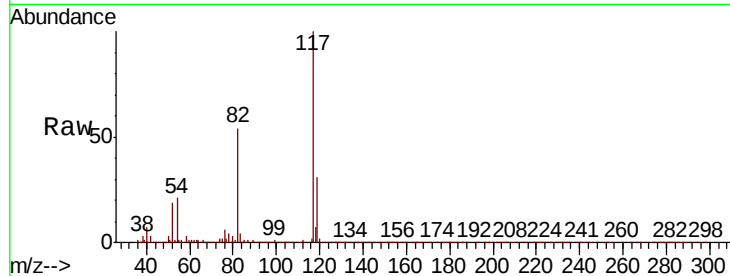




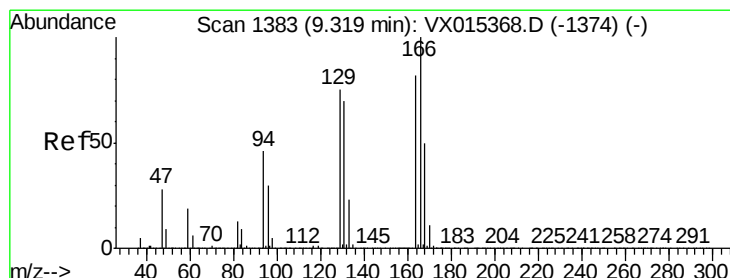
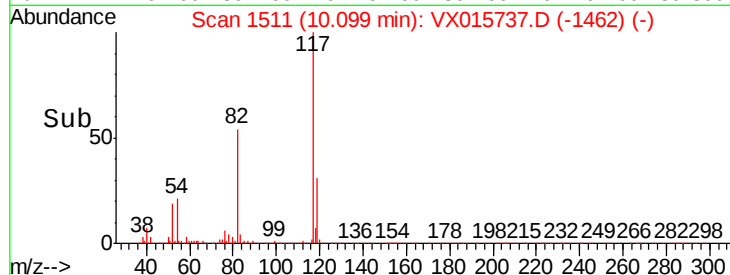
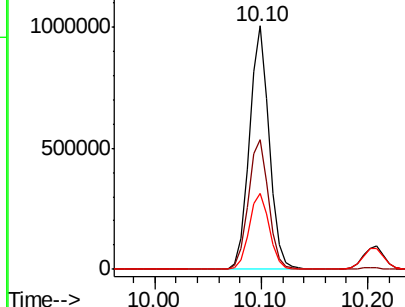
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1511
Delta R.T. -0.00 min
Lab File: VX015737.D
Acq: 17 Apr 2020 14:53

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:117 Resp: 1306992
Ion Ratio Lower Upper
117 100
82 53.5 47.8 71.8
119 31.3 26.8 40.2

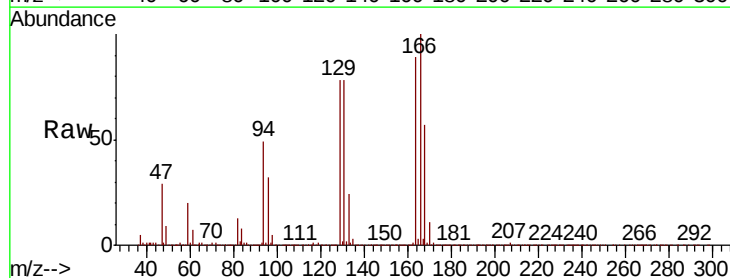


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

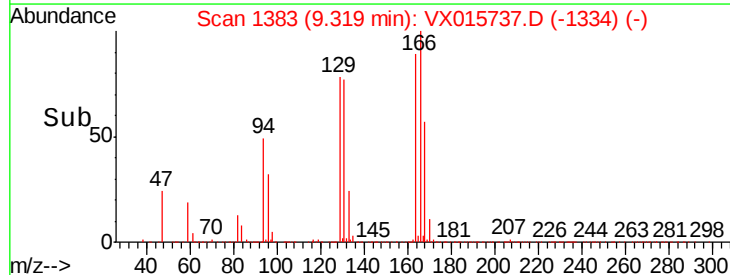
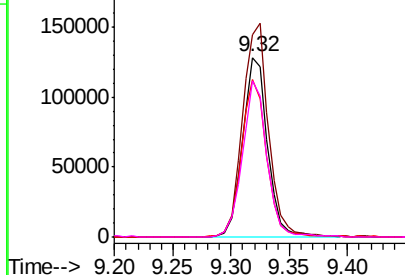


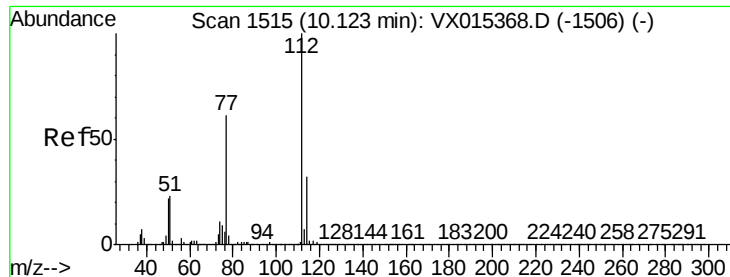
#64
Tetrachloroethene
Concen: 19.609 ug/l
RT: 9.32 min Scan# 1383
Delta R.T. -0.00 min
Lab File: VX015737.D
Acq: 17 Apr 2020 14:53

Tgt Ion:164 Resp: 193418
Ion Ratio Lower Upper
164 100
166 112.1 97.8 146.6
129 87.7 73.0 109.4
131 86.9 68.6 103.0



Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V





#65

Chlorobenzene

Concen: 19.908 ug/l

RT: 10.12 min Scan# 1515

Delta R.T. -0.00 min

Lab File: VX015737.D

Acq: 17 Apr 2020 14:53

Instrument :

MSVOA_X

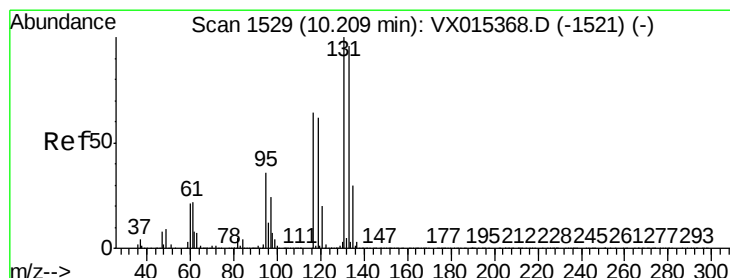
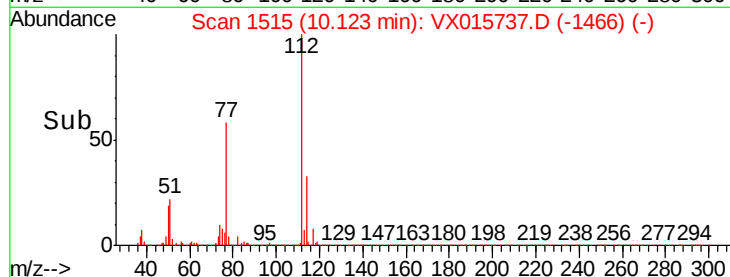
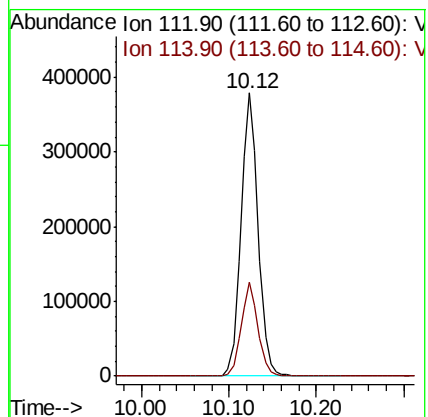
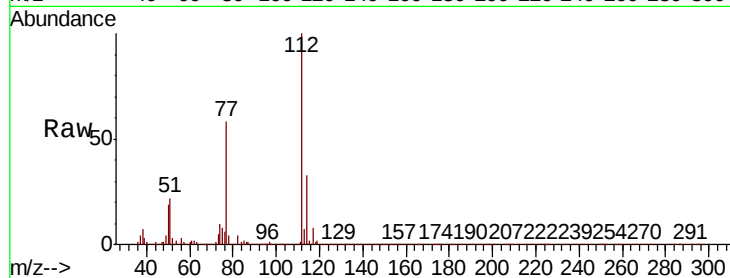
ClientSampleId :

Tot Ion:112 Resp: 518906

Ion Ratio Lower Upper

112 100

114 33.3 25.5 38.3



#66

1,1,1,2-Tetrachloroethane

Concen: 19.065 ug/l

RT: 10.20 min Scan# 1528

Delta R.T. -0.01 min

Lab File: VX015737.D

Acq: 17 Apr 2020 14:53

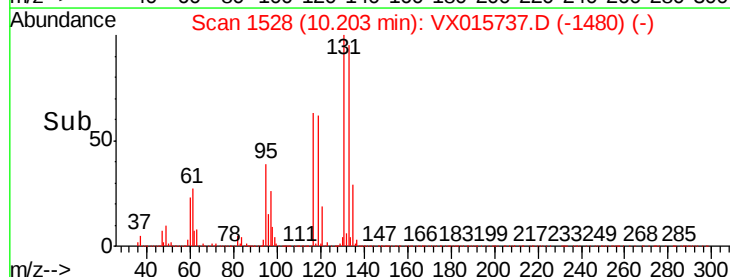
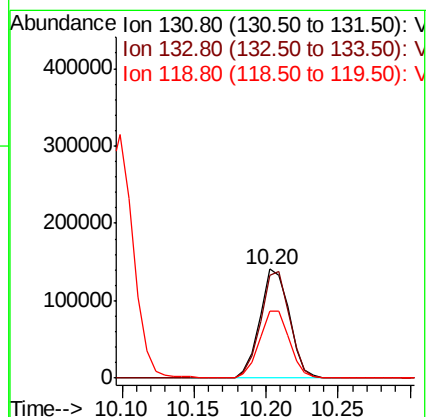
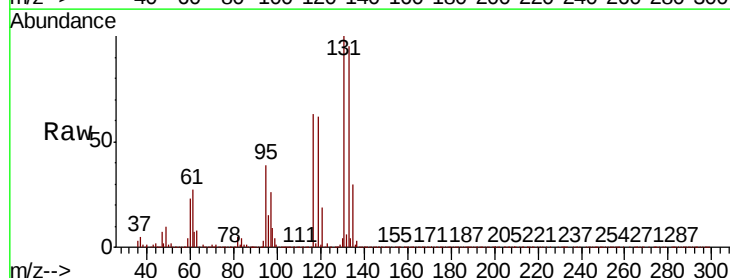
Tgt Ion:131 Resp: 198534

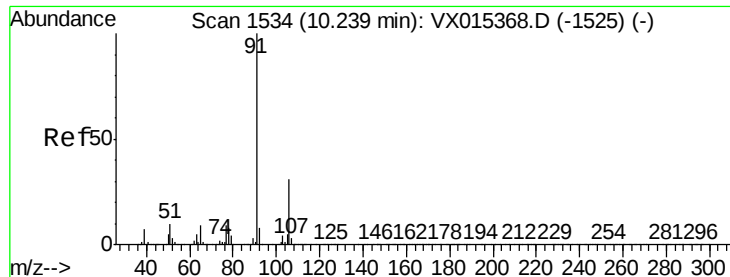
Ion Ratio Lower Upper

131 100

133 96.7 47.6 142.9

119 62.6 31.1 93.3

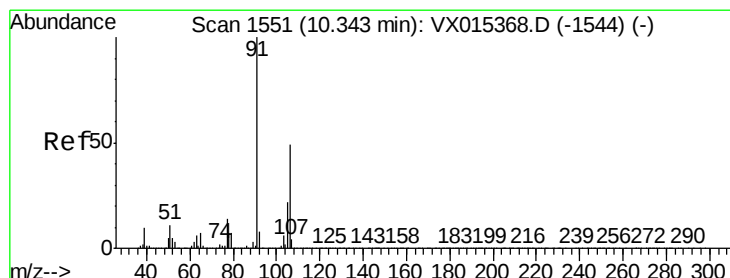
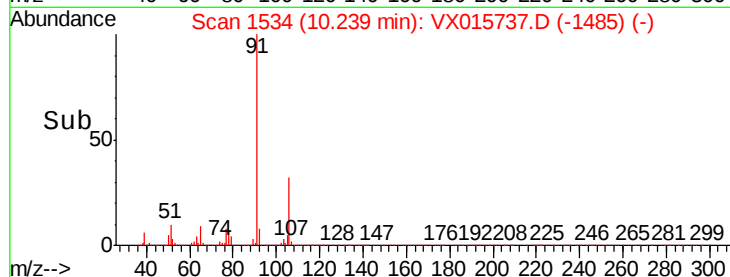
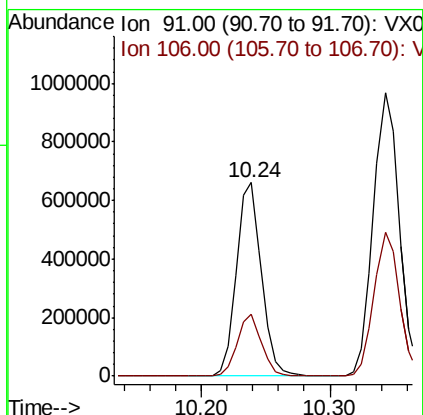
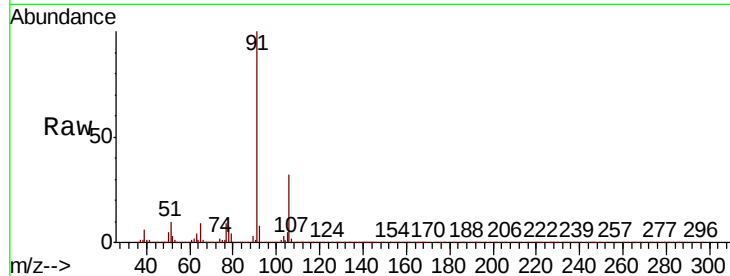




#67
Ethyl Benzene
Concen: 19.270 ug/l
RT: 10.24 min Scan# 1534
Delta R.T. -0.00 min
Lab File: VX015737.D
Acq: 17 Apr 2020 14:53

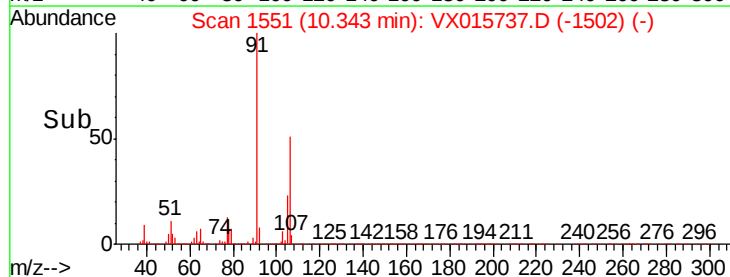
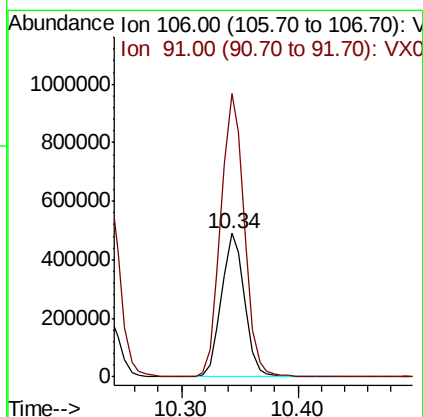
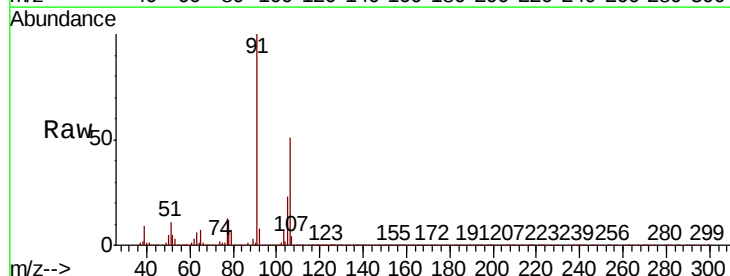
Instrument :
MSVOA_X
ClientSampled :

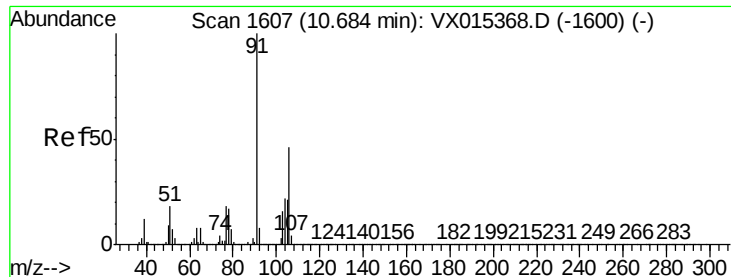
Tot Ion: 91 Resp: 890825
Ion Ratio Lower Upper
91 100
106 31.8 24.8 37.2



#68
m/p-Xylenes
Concen: 38.942 ug/l
RT: 10.34 min Scan# 1551
Delta R.T. -0.00 min
Lab File: VX015737.D
Acq: 17 Apr 2020 14:53

Tgt Ion: 106 Resp: 670363
Ion Ratio Lower Upper
106 100
91 200.8 163.4 245.0

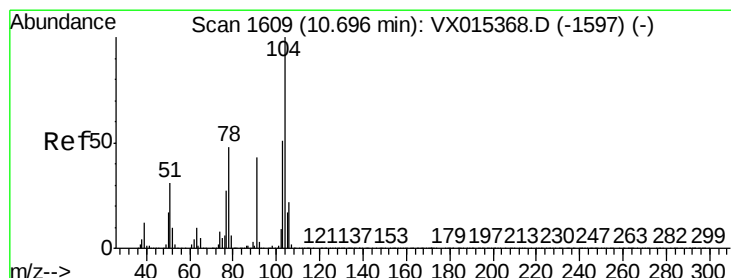
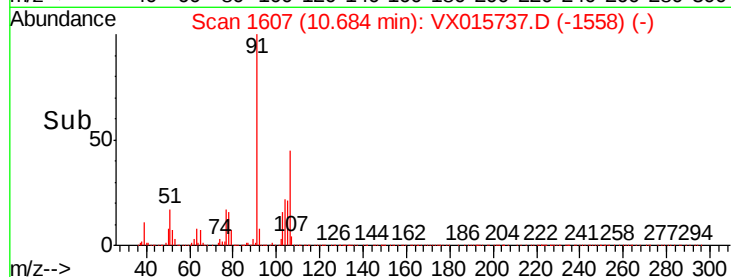
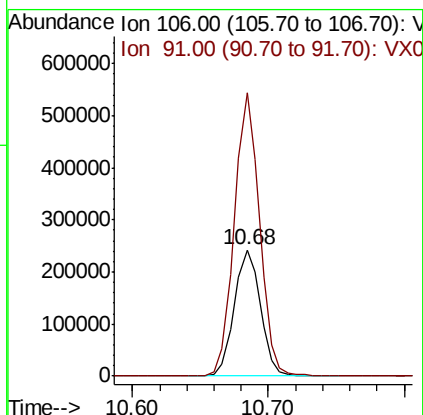
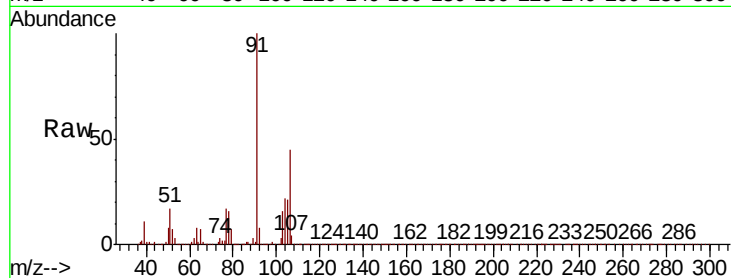




#69
o-Xylene
Concen: 19.068 ug/l
RT: 10.68 min Scan# 1607
Delta R.T. -0.00 min
Lab File: VX015737.D
Acq: 17 Apr 2020 14:53

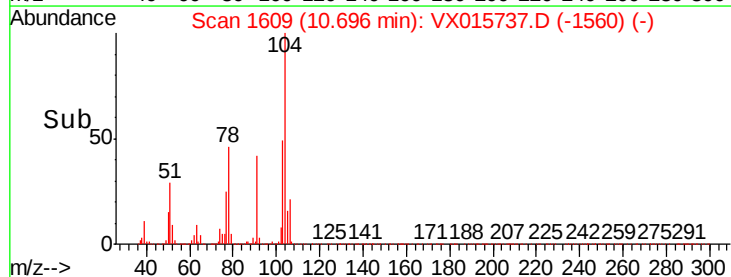
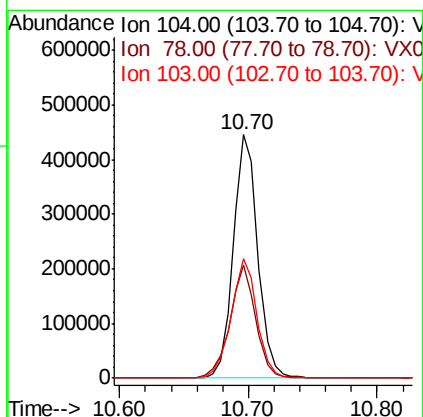
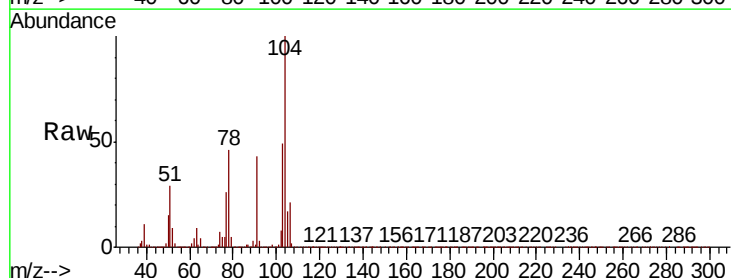
Instrument :
MSVOA_X
ClientSampleId :

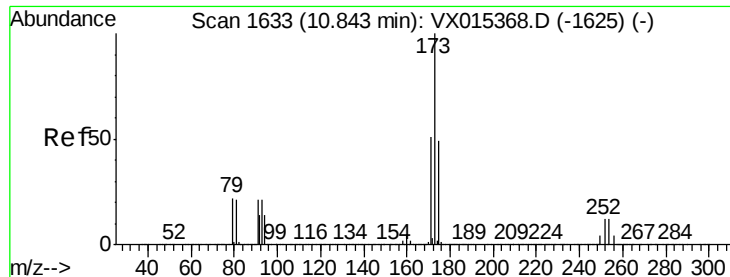
Tot Ion:106 Resp: 324354
Ion Ratio Lower Upper
106 100
91 216.0 107.1 321.3



#70
Styrene
Concen: 19.685 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. -0.00 min
Lab File: VX015737.D
Acq: 17 Apr 2020 14:53

Tgt Ion:104 Resp: 589227
Ion Ratio Lower Upper
104 100
78 48.8 42.0 63.0
103 52.2 43.4 65.0





#71

Bromoform

Concen: 18.438 ug/l

RT: 10.84 min Scan# 1633

Delta R.T. -0.00 min

Lab File: VX015737.D

Acq: 17 Apr 2020 14:53

Instrument :

MSVOA_X

ClientSampleId :

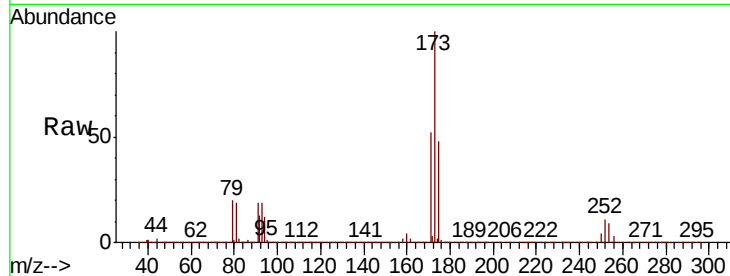
Tot Ion:173 Resp: 174780

Ion Ratio Lower Upper

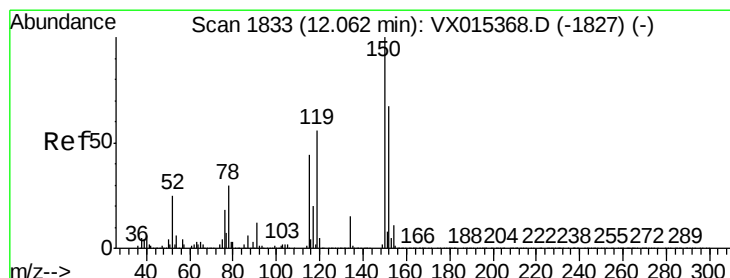
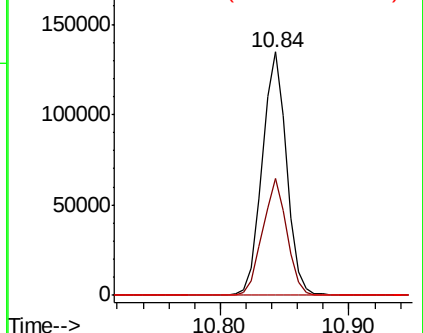
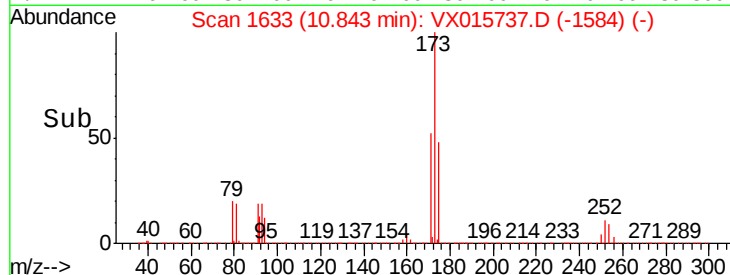
173 100

175 48.0 23.9 71.7

254 0.3 0.1 0.1#



Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1833

Delta R.T. -0.00 min

Lab File: VX015737.D

Acq: 17 Apr 2020 14:53

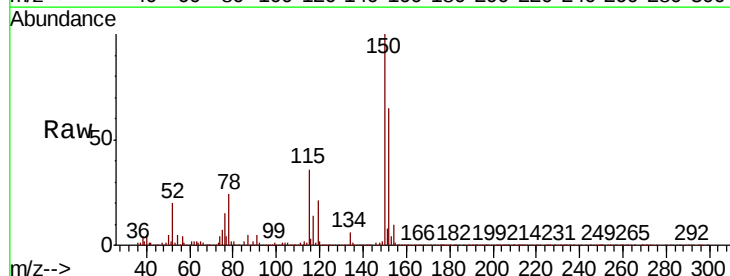
Tgt Ion:152 Resp: 707092

Ion Ratio Lower Upper

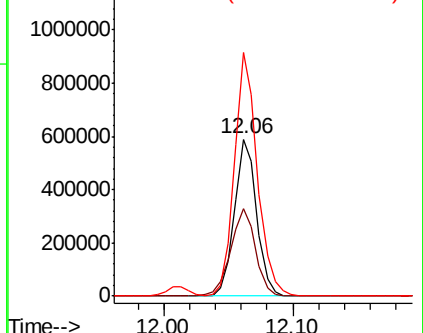
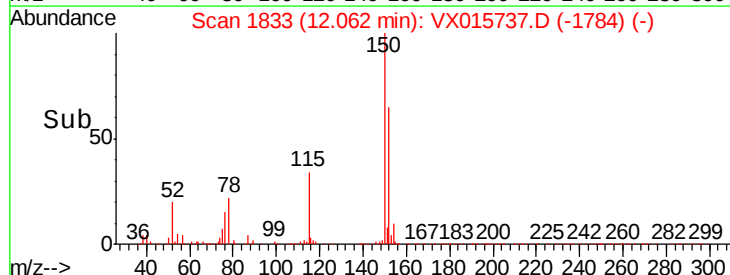
152 100

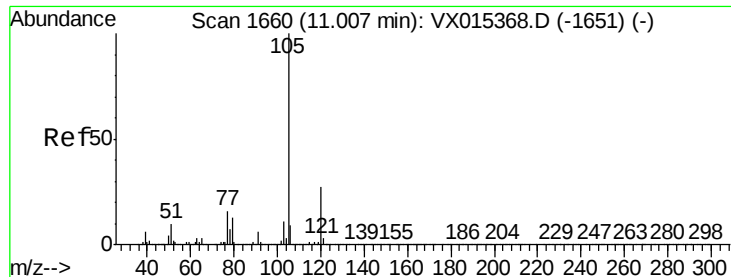
115 62.3 39.0 116.9

150 160.6 0.0 340.8



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 19.134 ug/l

RT: 11.00 min Scan# 1659

Delta R.T. -0.01 min

Lab File: VX015737.D

Acq: 17 Apr 2020 14:53

Instrument :

MSVOA_X

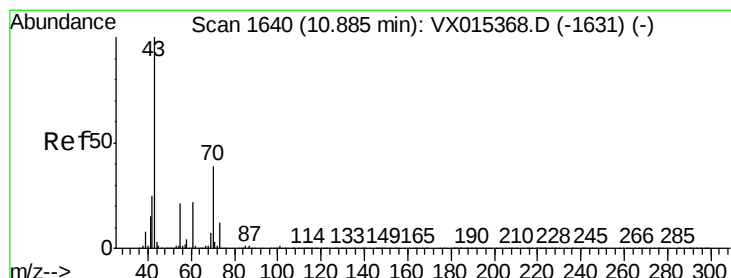
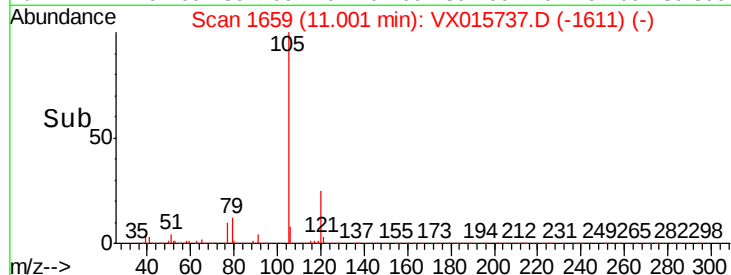
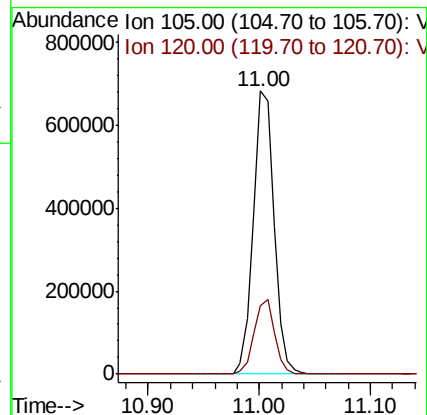
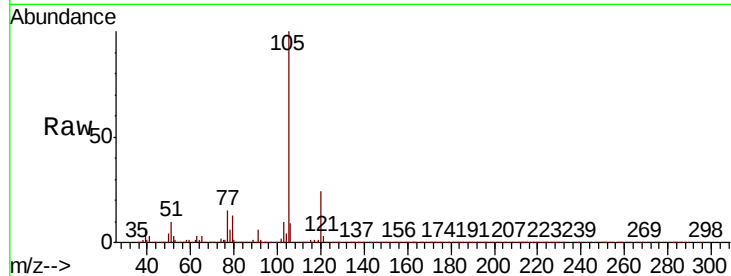
ClientSampleId :

Tot Ion: 105 Resp: 886471

Ion Ratio Lower Upper

105 100

120 25.9 13.2 39.5



#74

N-ethyl acetate

Concen: 16.894 ug/l

RT: 10.88 min Scan# 1639

Delta R.T. -0.01 min

Lab File: VX015737.D

Acq: 17 Apr 2020 14:53

Tgt Ion: 43 Resp: 435334

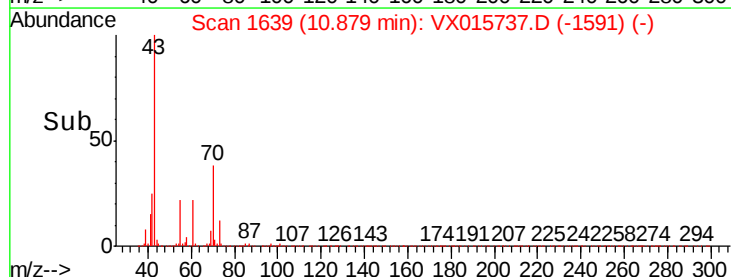
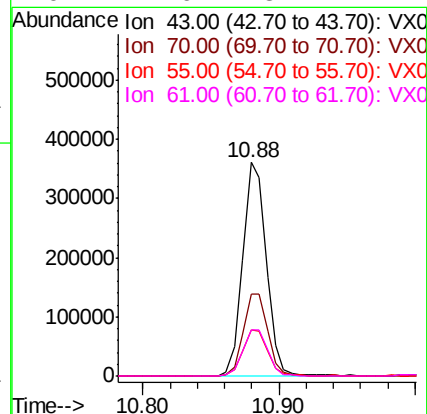
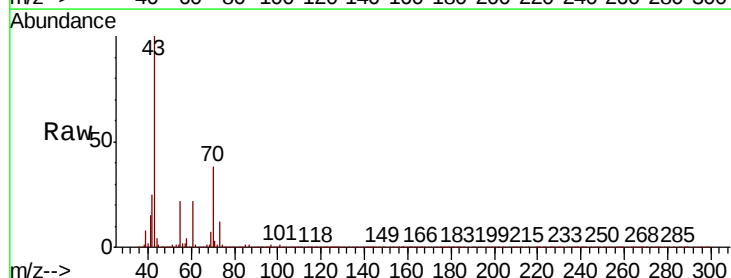
Ion Ratio Lower Upper

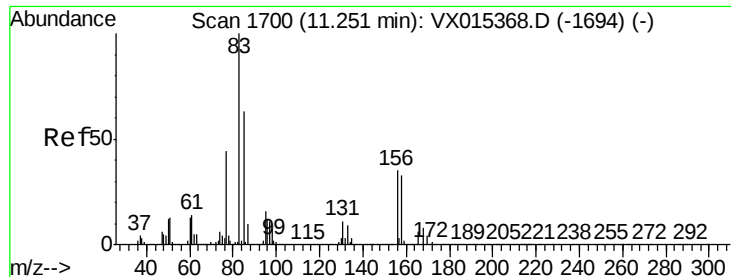
43 100

70 39.7 30.2 45.4

55 22.6 16.8 25.2

61 22.6 18.2 27.2





#75

1,1,2,2-Tetrachloroethane

Concen: 18.836 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. -0.00 min

Lab File: VX015737.D

Acq: 17 Apr 2020 14:53

Instrument :

MSVOA_X

ClientSampleId :

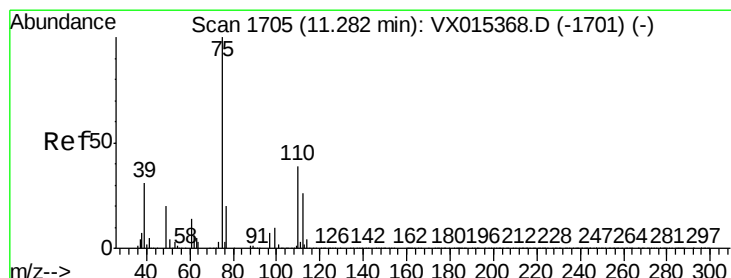
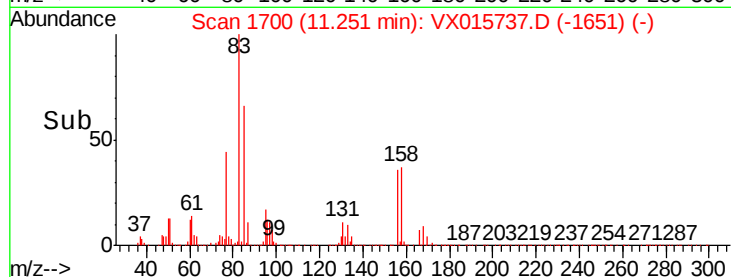
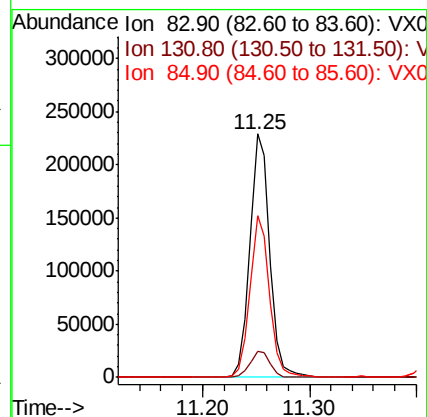
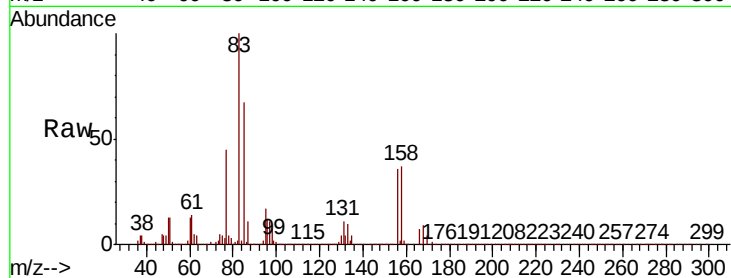
Tot Ion: 83 Resp: 299449

Ion Ratio Lower Upper

83 100

131 10.8 5.3 16.1

85 65.4 32.0 96.0



#76

1,2,3-Trichloropropane

Concen: 23.877 ug/l

RT: 11.28 min Scan# 1705

Delta R.T. -0.00 min

Lab File: VX015737.D

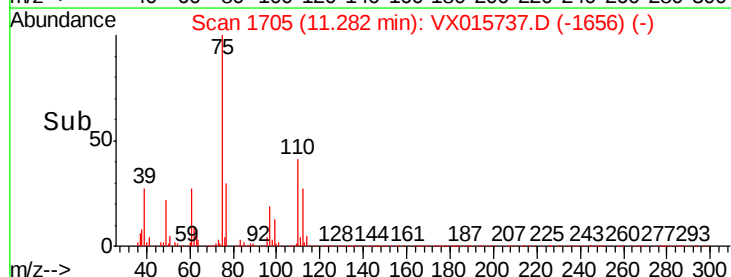
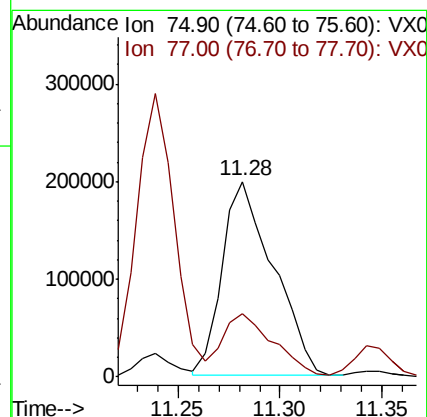
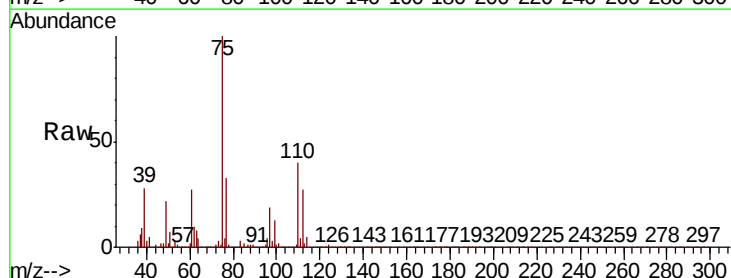
Acq: 17 Apr 2020 14:53

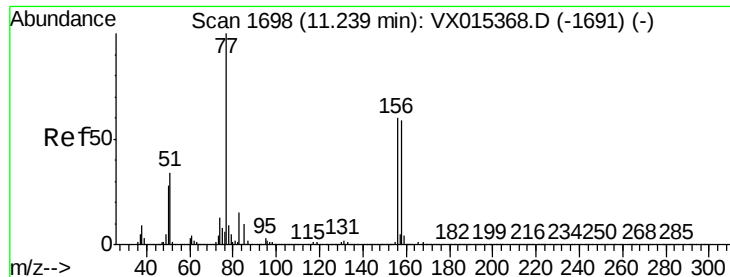
Tgt Ion: 75 Resp: 347185

Ion Ratio Lower Upper

75 100

77 32.3 21.2 63.6





#77

Bromobenzene

Concen: 19.652 ug/l

RT: 11.24 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX015737.D

Acq: 17 Apr 2020 14:53

Instrument :

MSVOA_X

ClientSampleId :

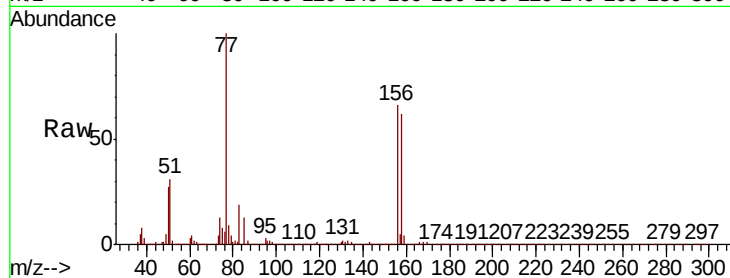
Tot Ion:156 Resp: 242861

Ion Ratio Lower Upper

156 100

77 154.7 82.2 246.5

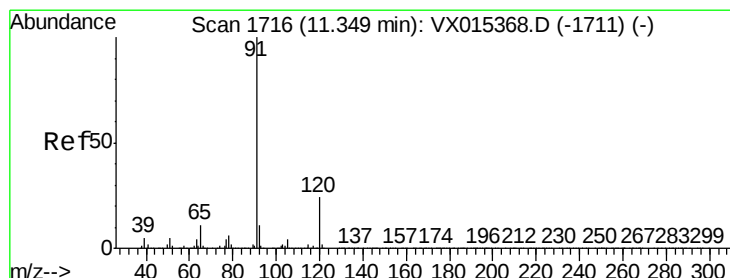
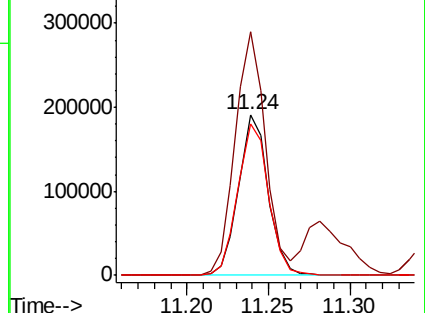
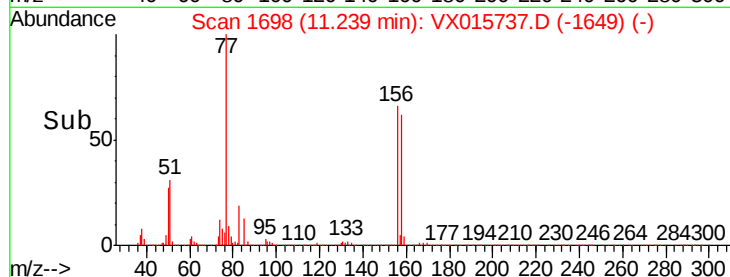
158 97.6 49.3 147.9



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: 18.729 ug/l

RT: 11.34 min Scan# 1715

Delta R.T. -0.01 min

Lab File: VX015737.D

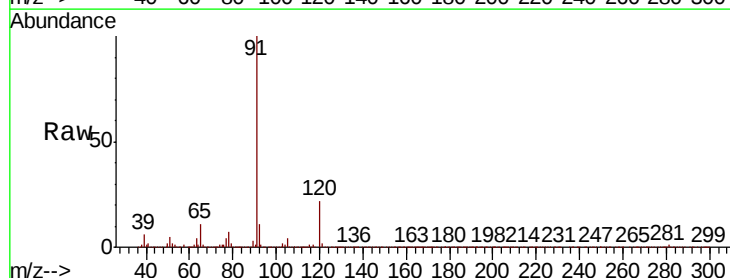
Acq: 17 Apr 2020 14:53

Tgt Ion: 91 Resp: 992213

Ion Ratio Lower Upper

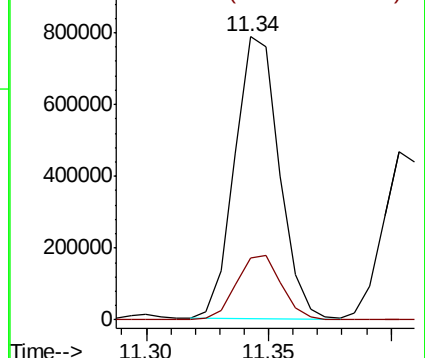
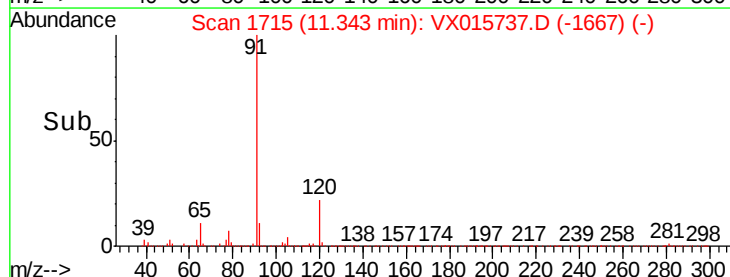
91 100

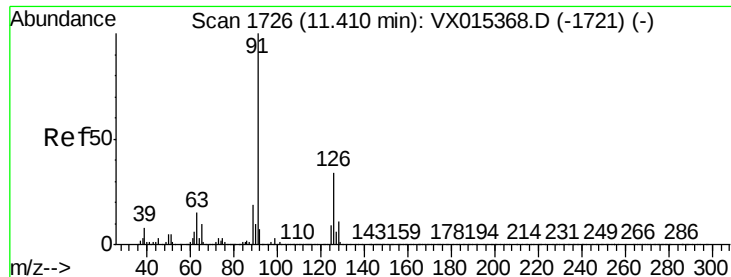
120 23.3 11.7 35.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 18.528 ug/l

RT: 11.40 min Scan# 1725

Delta R.T. -0.01 min

Lab File: VX015737.D

Acq: 17 Apr 2020 14:53

Instrument :

MSVOA_X

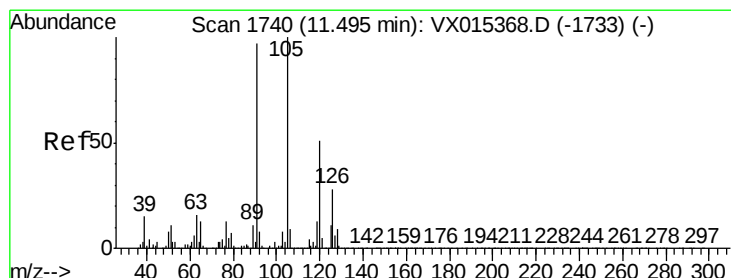
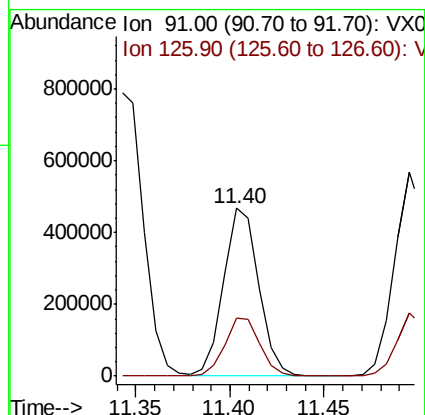
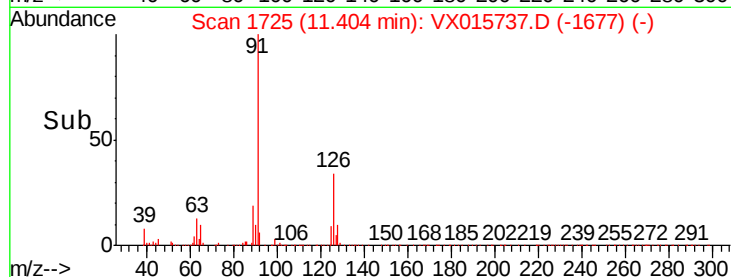
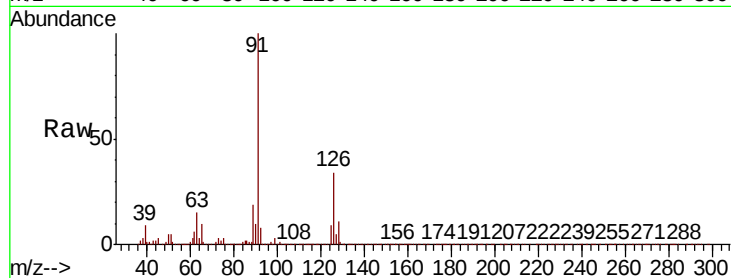
ClientSampleId :

Tot Ion: 91 Resp: 601631

Ion Ratio Lower Upper

91 100

126 34.9 16.5 49.5



#80

1,3,5-Trimethylbenzene

Concen: 18.551 ug/l

RT: 11.49 min Scan# 1740

Delta R.T. -0.00 min

Lab File: VX015737.D

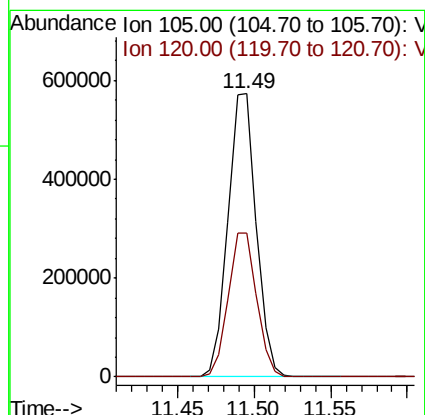
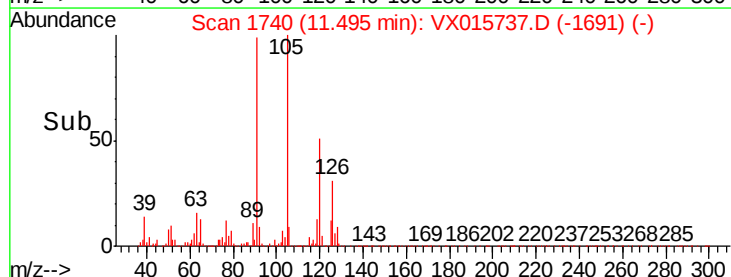
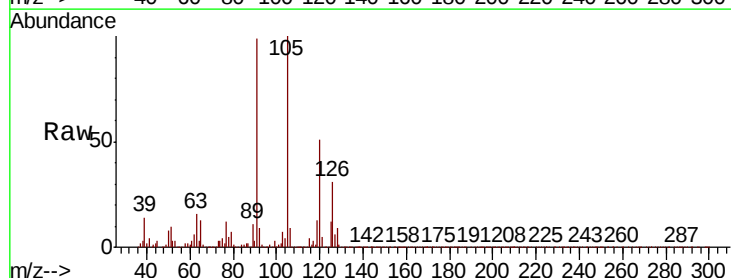
Acq: 17 Apr 2020 14:53

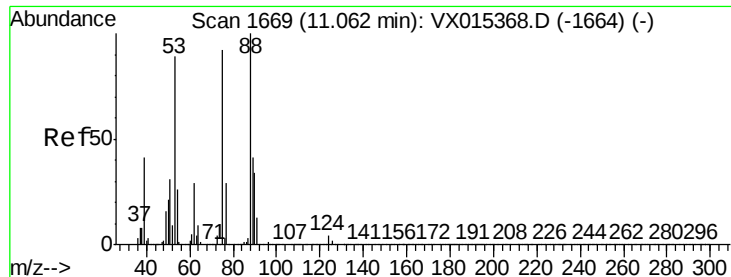
Tgt Ion: 105 Resp: 734032

Ion Ratio Lower Upper

105 100

120 51.1 24.8 74.4





#81

trans-1,4-Dichloro-2-butene

Concen: 15.948 ug/l

RT: 11.06 min Scan# 1669

Delta R.T. -0.00 min

Lab File: VX015737.D

Acq: 17 Apr 2020 14:53

Instrument :

MSVOA_X

ClientSampleId :

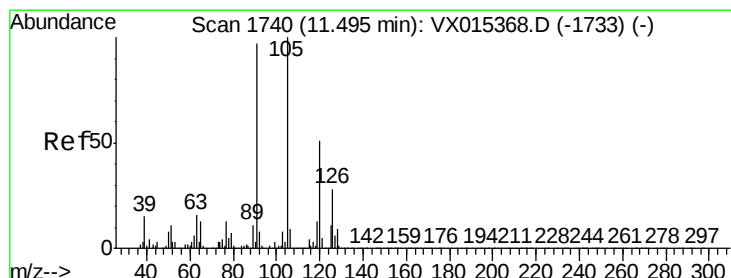
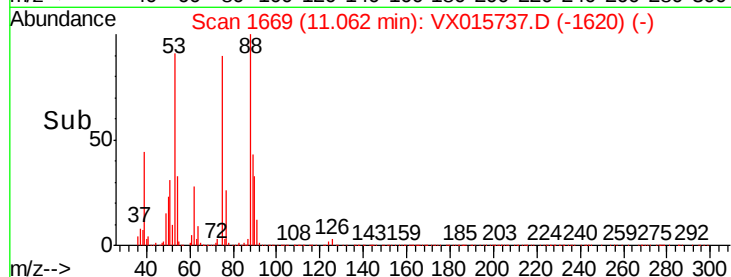
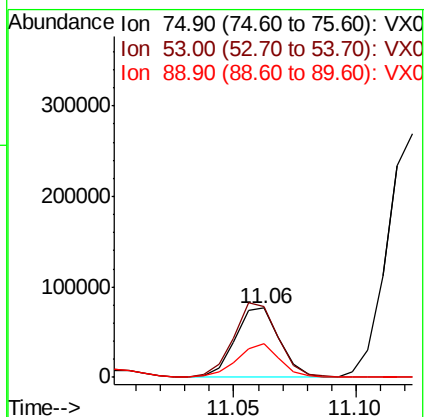
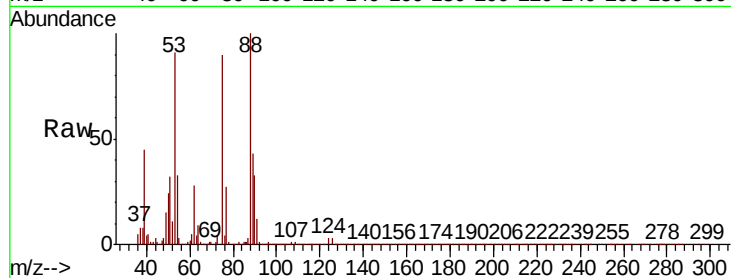
Tot Ion: 75 Resp: 96648

Ion Ratio Lower Upper

75 100

53 105.2 80.1 120.1

89 47.4 36.1 54.1



#82

4-Chlorotoluene

Concen: 18.665 ug/l

RT: 11.49 min Scan# 1740

Delta R.T. -0.00 min

Lab File: VX015737.D

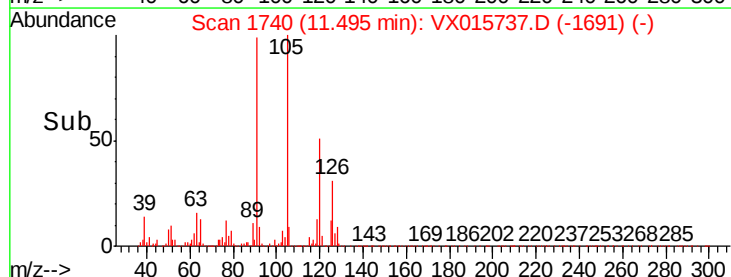
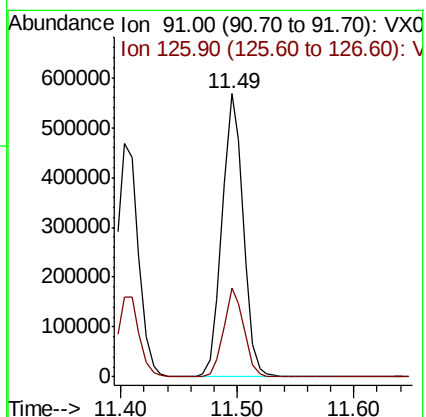
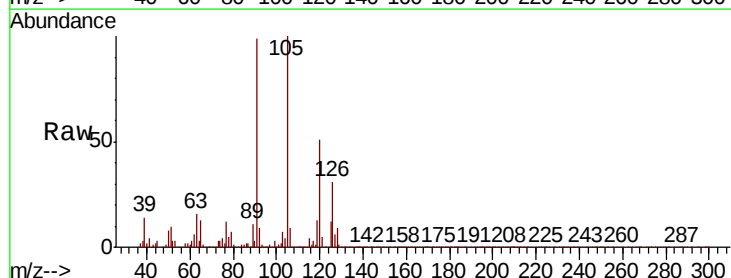
Acq: 17 Apr 2020 14:53

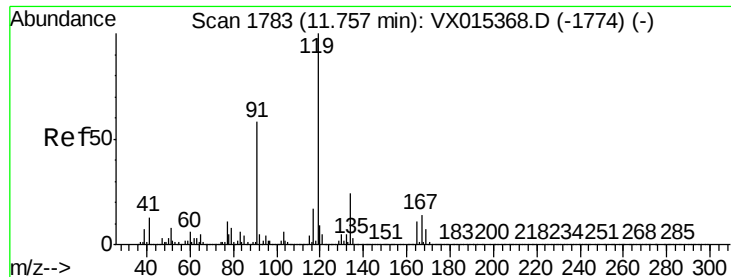
Tgt Ion: 91 Resp: 710504

Ion Ratio Lower Upper

91 100

126 29.9 14.7 44.1





#83

tert-Butylbenzene

Concen: 19.034 ug/l

RT: 11.76 min Scan# 1783

Delta R.T. -0.00 min

Lab File: VX015737.D

Acq: 17 Apr 2020 14:53

Instrument :

MSVOA_X

ClientSampleId :

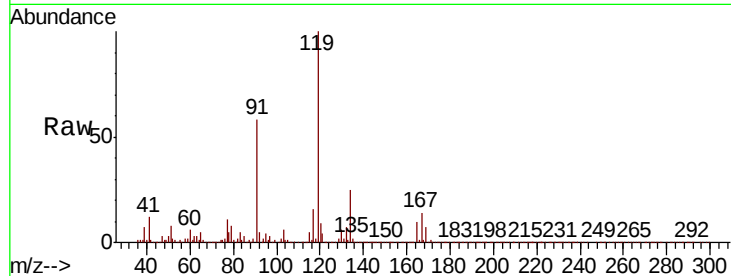
Tot Ion:119 Resp: 735656

Ion Ratio Lower Upper

119 100

91 56.8 28.6 85.8

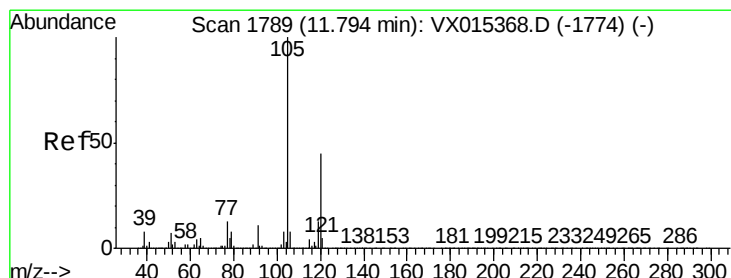
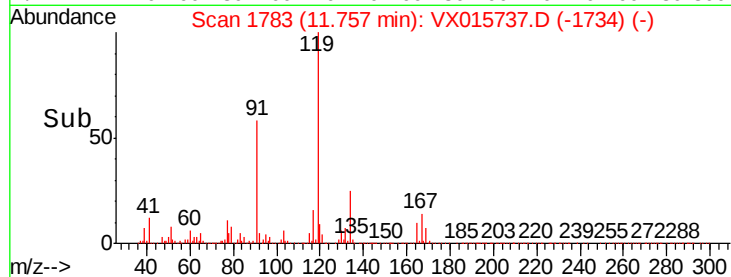
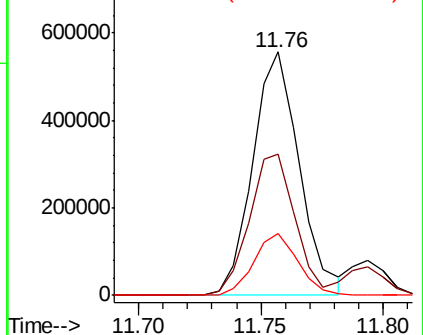
134 24.4 11.8 35.3



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VX0

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 18.789 ug/l

RT: 11.79 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VX015737.D

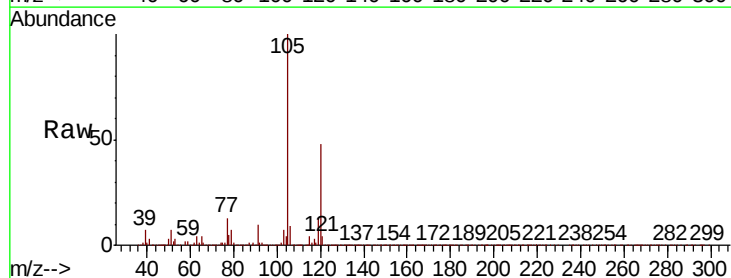
Acq: 17 Apr 2020 14:53

Tgt Ion:105 Resp: 757603

Ion Ratio Lower Upper

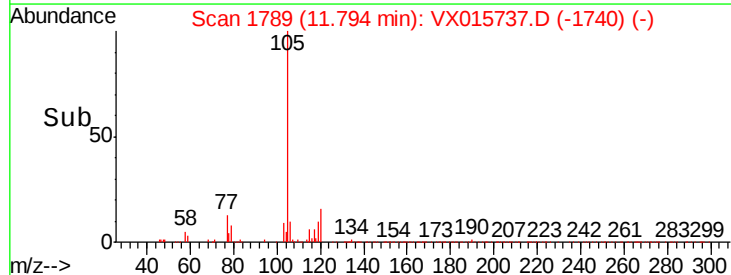
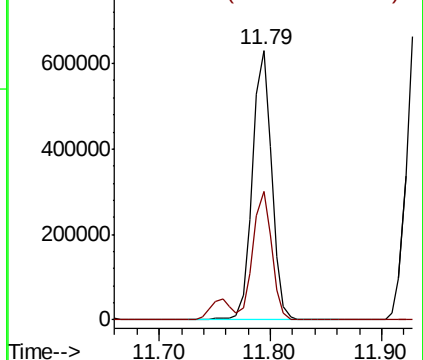
105 100

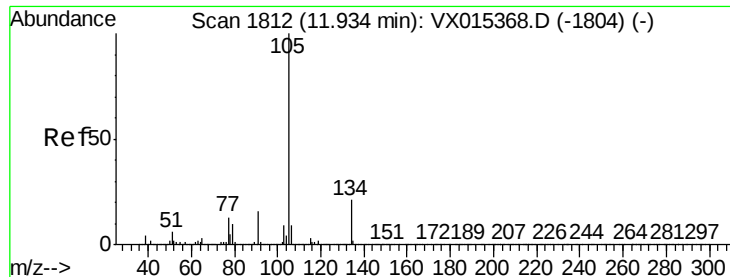
120 46.8 22.7 68.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 19.084 ug/l

RT: 11.93 min Scan# 1812

Delta R.T. -0.00 min

Lab File: VX015737.D

Acq: 17 Apr 2020 14:53

Instrument :

MSVOA_X

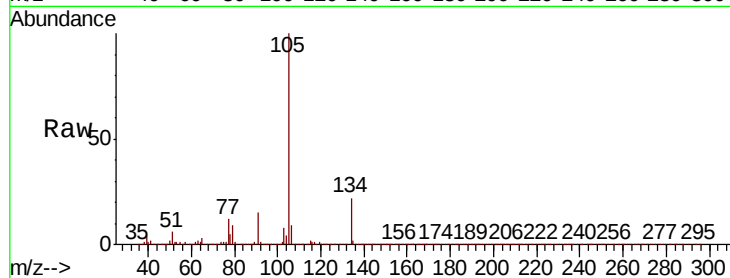
ClientSampleId :

Tot Ion:105 Resp: 853050

Ion Ratio Lower Upper

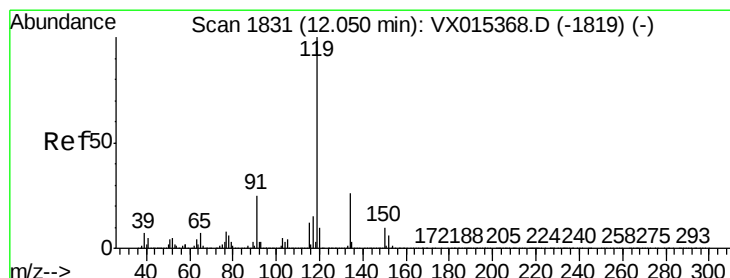
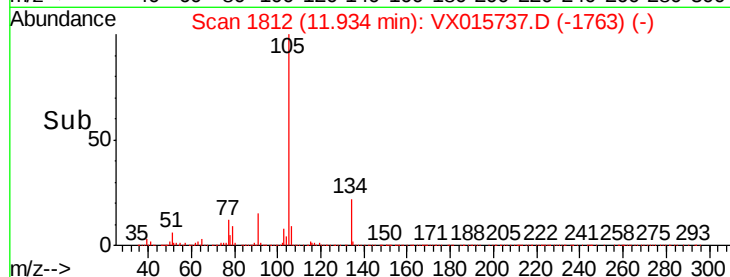
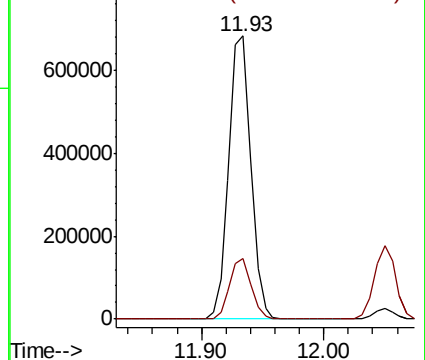
105 100

134 20.7 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: 19.093 ug/l

RT: 12.05 min Scan# 1831

Delta R.T. -0.00 min

Lab File: VX015737.D

Acq: 17 Apr 2020 14:53

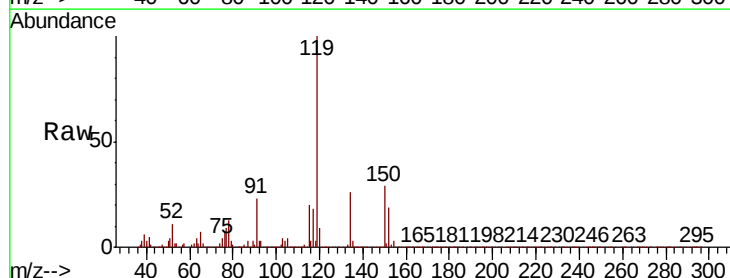
Tgt Ion:119 Resp: 792287

Ion Ratio Lower Upper

119 100

134 26.8 13.1 39.3

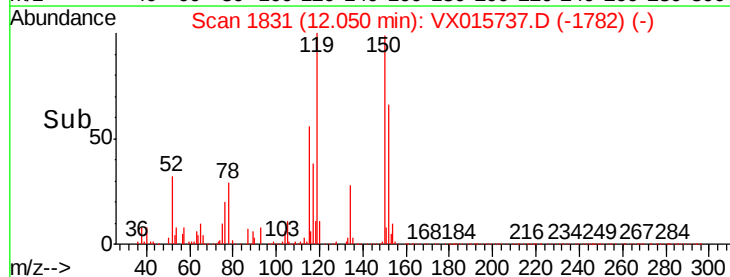
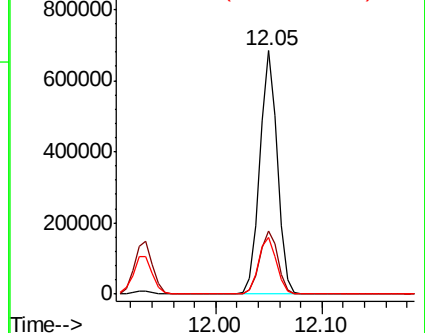
91 24.0 12.4 37.4

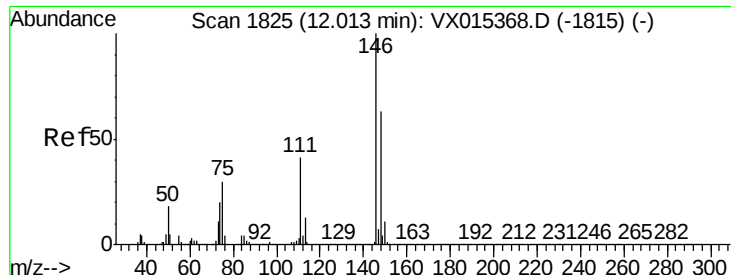


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

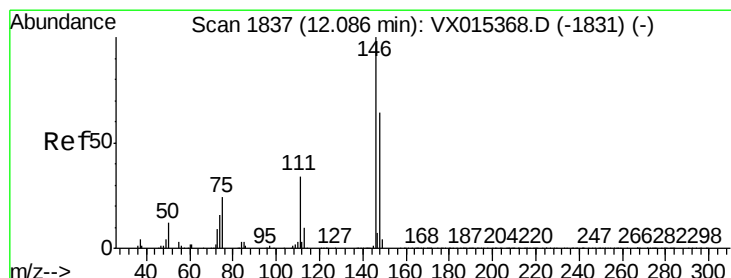
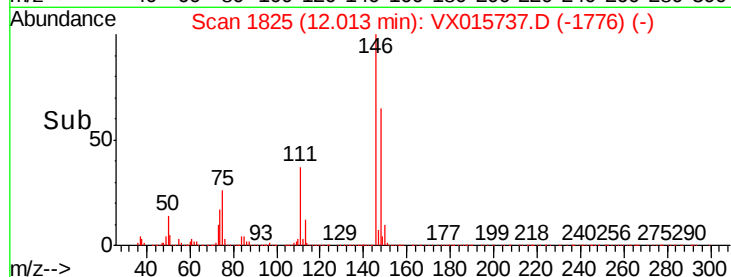
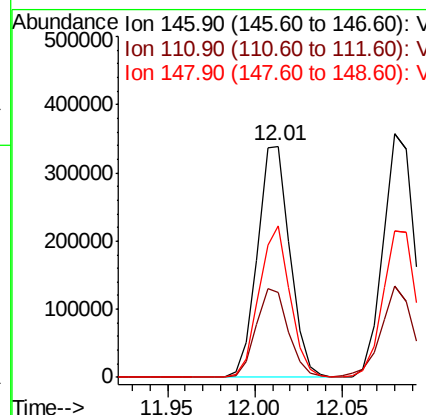
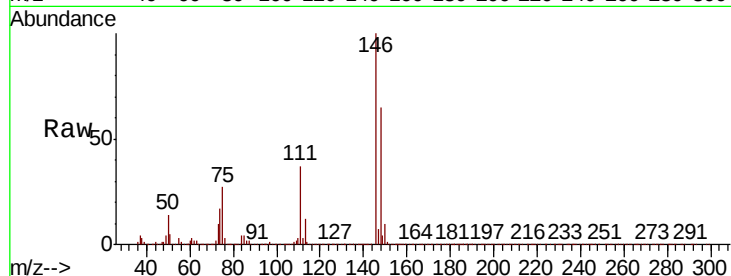




#87
 1,3-Dichlorobenzene
 Concen: 19.747 ug/l
 RT: 12.01 min Scan# 1825
 Delta R.T. -0.00 min
 Lab File: VX015737.D
 Acq: 17 Apr 2020 14:53

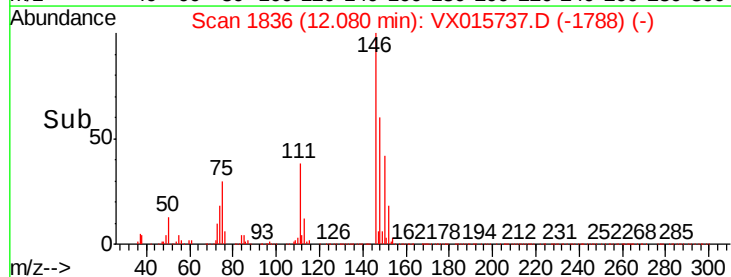
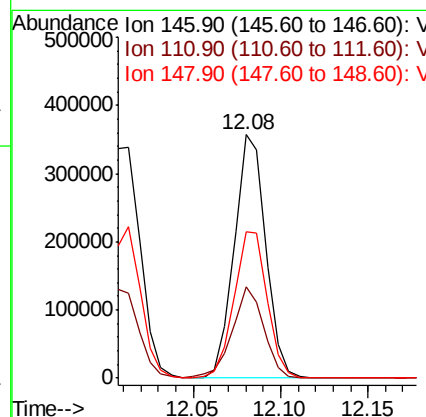
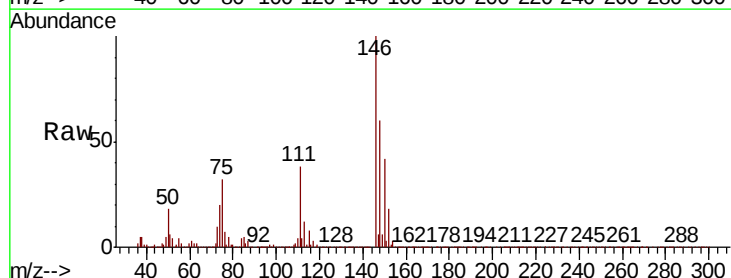
Instrument :
 MSVOA_X
 ClientSampled :

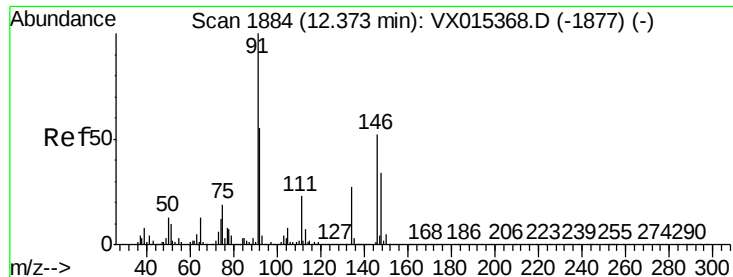
Tot Ion	Ratio	Lower	Upper
146	100		
111	38.1	20.3	60.9
148	62.4	31.3	93.9



#88
 1,4-Dichlorobenzene
 Concen: 19.753 ug/l
 RT: 12.08 min Scan# 1836
 Delta R.T. -0.01 min
 Lab File: VX015737.D
 Acq: 17 Apr 2020 14:53

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.9	19.1	57.5
148	63.4	32.4	97.2





#89

n-Butylbenzene

Concen: 19.005 ug/l

RT: 12.37 min Scan# 1884

Delta R.T. -0.00 min

Lab File: VX015737.D

Acq: 17 Apr 2020 14:53

Instrument :

MSVOA_X

ClientSampleId :

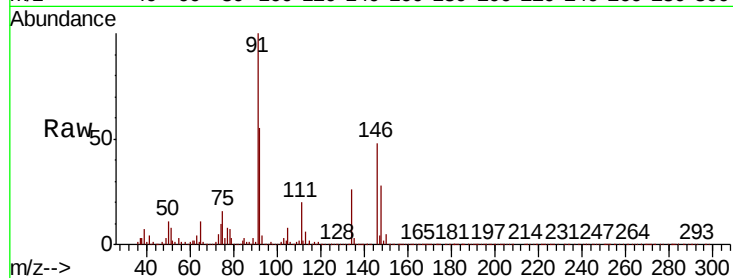
Tot Ion: 91 Resp: 712661

Ion Ratio Lower Upper

91 100

92 55.3 27.2 81.5

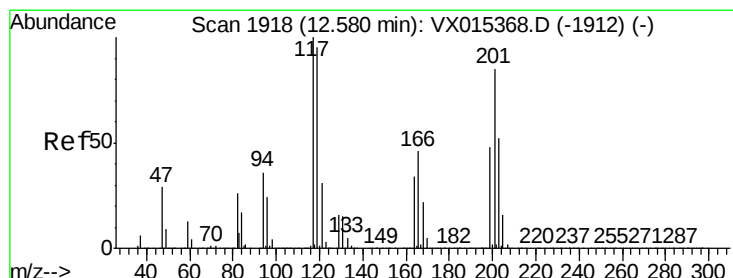
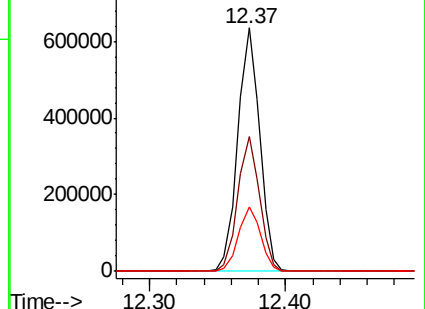
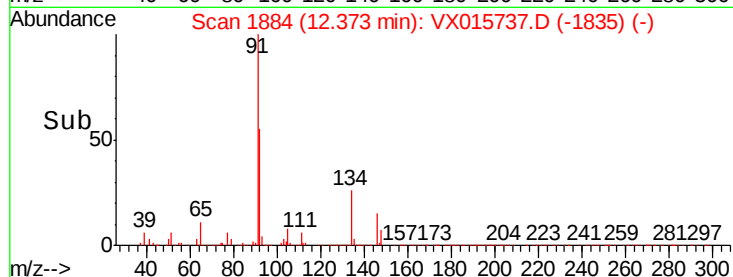
134 26.8 13.4 40.2



Abundance Ion 91.00 (90.70 to 91.70): VX015737.D (-1877) (-)

Ion 92.00 (91.70 to 92.70): VX015737.D (-1877) (-)

Ion 134.00 (133.70 to 134.70): VX015737.D (-1877) (-)



#90

Hexachloroethane

Concen: 15.970 ug/l

RT: 12.58 min Scan# 1918

Delta R.T. -0.00 min

Lab File: VX015737.D

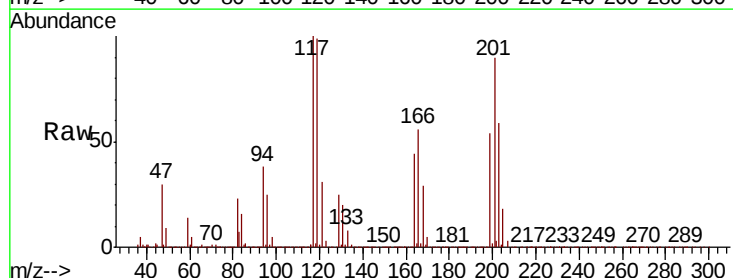
Acq: 17 Apr 2020 14:53

Tgt Ion: 117 Resp: 128988

Ion Ratio Lower Upper

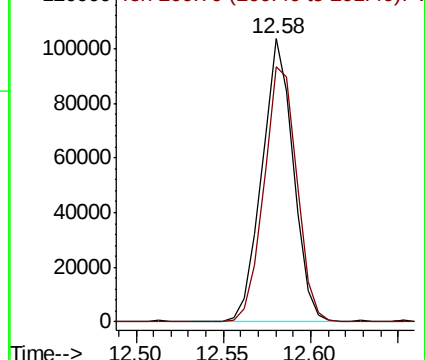
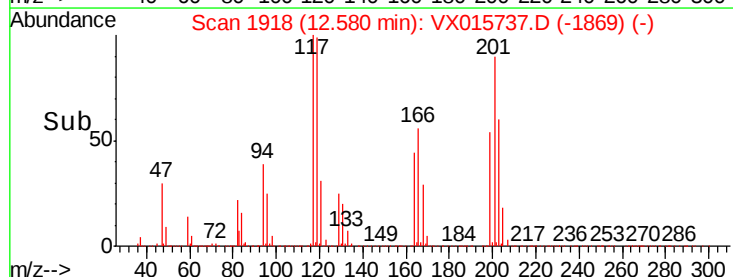
117 100

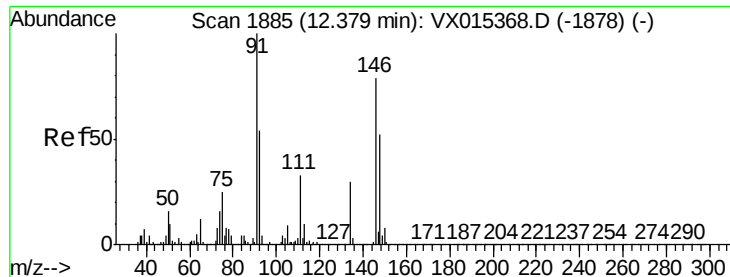
201 94.9 42.6 128.0



Abundance Ion 116.80 (116.50 to 117.50): VX015737.D (-1869) (-)

Ion 200.70 (200.40 to 201.40): VX015737.D (-1869) (-)





#91

1,2-Dichlorobenzene

Concen: 19.606 ug/l

RT: 12.38 min Scan# 1885

Delta R.T. -0.00 min

Lab File: VX015737.D

Acq: 17 Apr 2020 14:53

Instrument :

MSVOA_X

ClientSampleId :

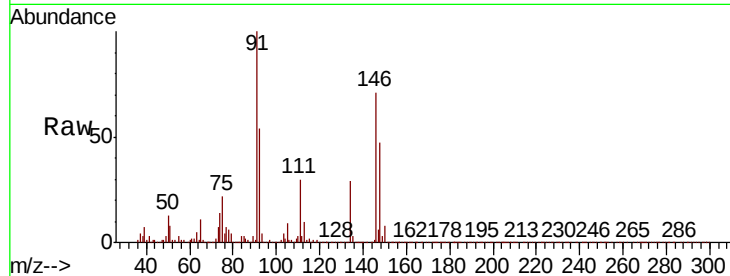
Tot Ion:146 Resp: 424486

Ion Ratio Lower Upper

146 100

111 40.7 21.0 63.0

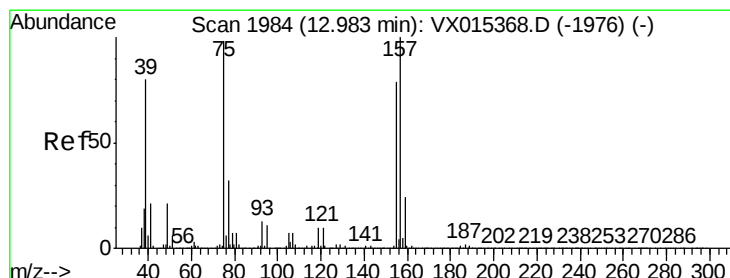
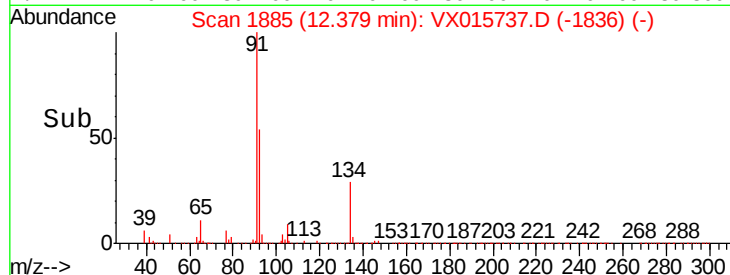
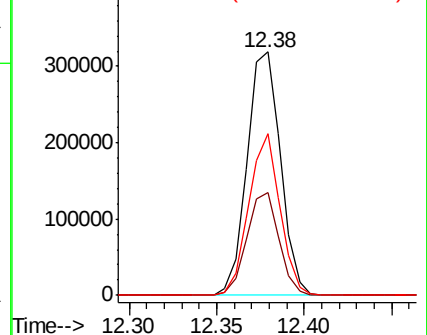
148 61.8 32.4 97.0



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: 15.791 ug/l

RT: 12.98 min Scan# 1984

Delta R.T. -0.00 min

Lab File: VX015737.D

Acq: 17 Apr 2020 14:53

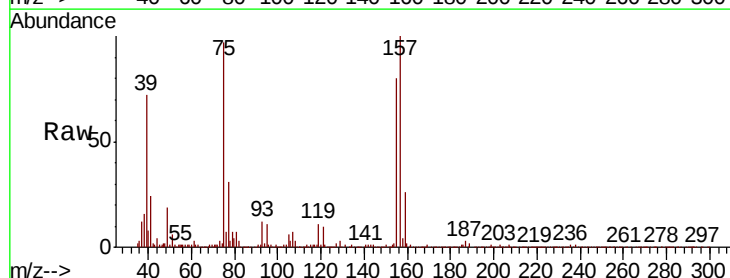
Tgt Ion: 75 Resp: 70856

Ion Ratio Lower Upper

75 100

155 91.8 42.8 128.4

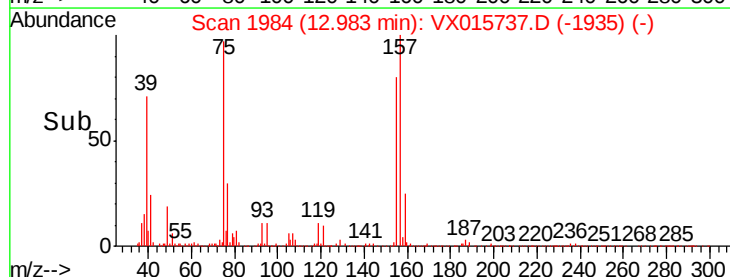
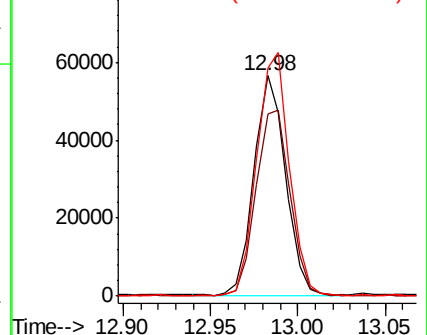
157 113.4 53.4 160.3

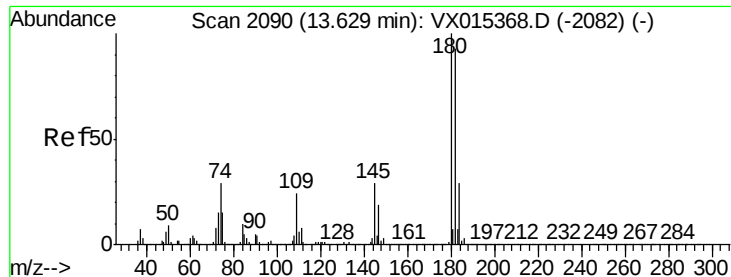


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

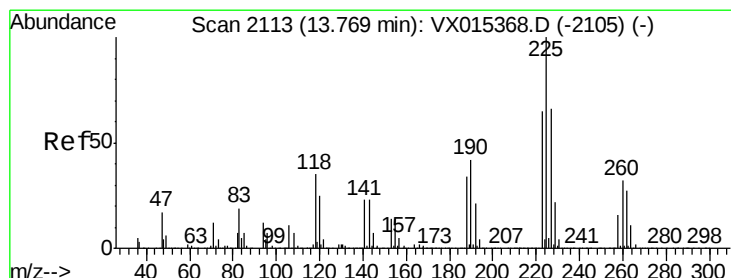
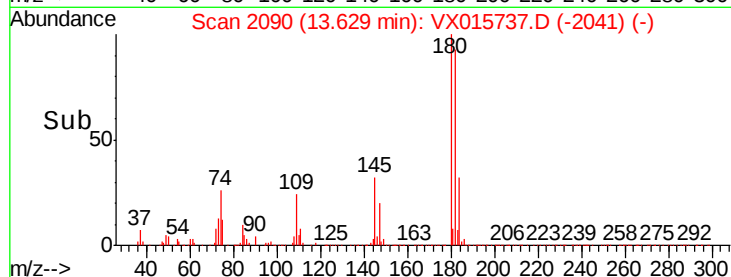
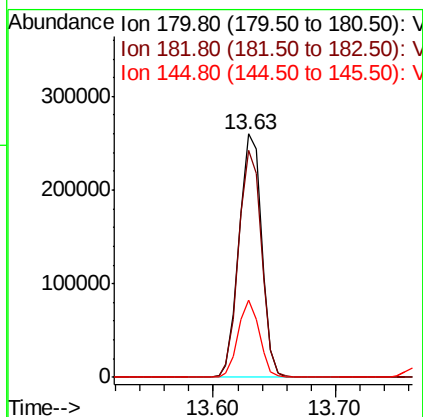
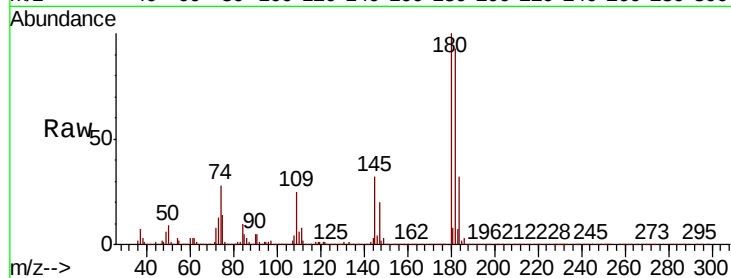




#93
 1,2,4-Trichlorobenzene
 Concen: 19.355 ug/l
 RT: 13.63 min Scan# 2090
 Delta R.T. -0.00 min
 Lab File: VX015737.D
 Acq: 17 Apr 2020 14:53

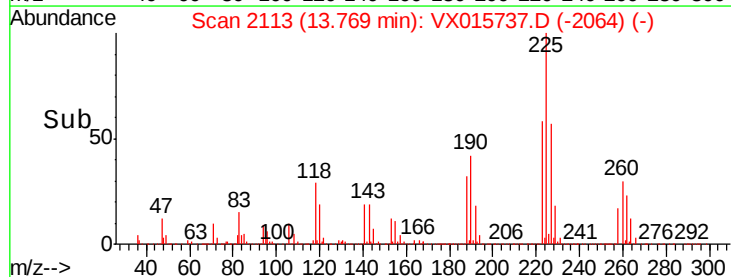
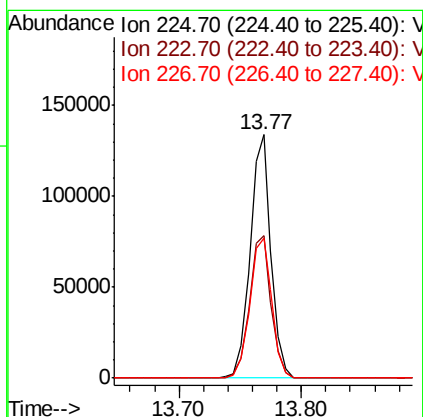
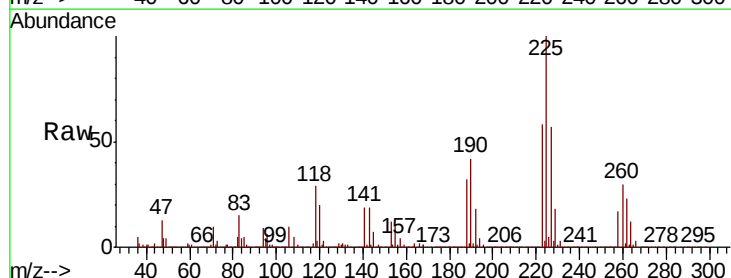
Instrument :
 MSVOA_X
 ClientSampleId :

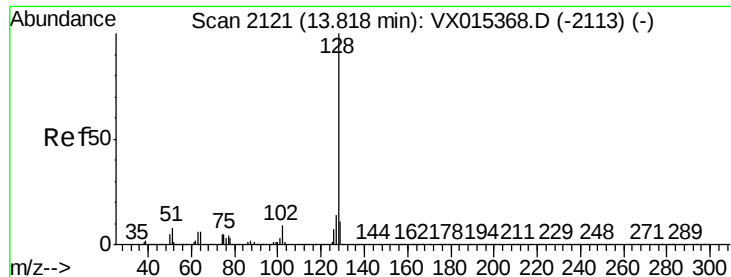
Tot Ion	Ratio	Lower	Upper
180	100		
182	94.0	46.9	140.7
145	29.7	14.9	44.5



#94
 Hexachlorobutadiene
 Concen: 19.360 ug/l
 RT: 13.77 min Scan# 2113
 Delta R.T. -0.00 min
 Lab File: VX015737.D
 Acq: 17 Apr 2020 14:53

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.1	31.9	95.7
227	61.0	30.4	91.3

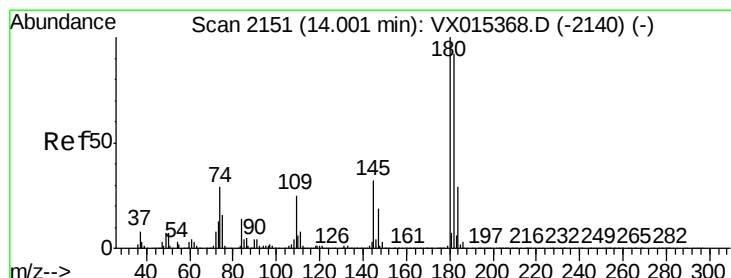
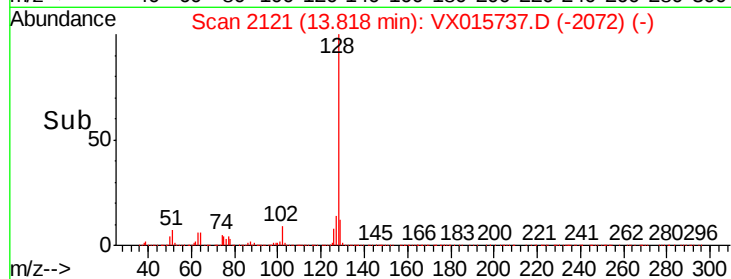
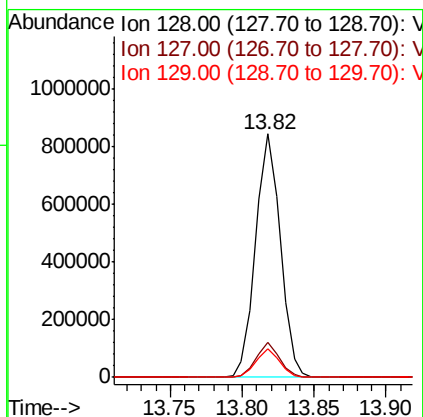
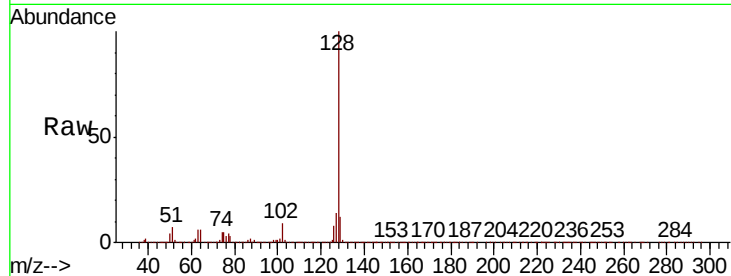




#95
Naphthalene
Concen: 19.092 ug/l
RT: 13.82 min Scan# 2121
Delta R.T. -0.00 min
Lab File: VX015737.D
Acq: 17 Apr 2020 14:53

Instrument :
MSVOA_X
ClientSampled :

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.5	10.6	15.8
129	11.2	8.8	13.2



#96
1,2,3-Trichlorobenzene
Concen: 19.667 ug/l
RT: 14.00 min Scan# 2151
Delta R.T. -0.00 min
Lab File: VX015737.D
Acq: 17 Apr 2020 14:53

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.2	46.7	140.0
145	30.8	15.8	47.3

