

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX041720\
 Data File : VX015743.D
 Acq On : 17 Apr 2020 17:09
 Operator : JC/SP
 Sample : VX0417WBSD02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Apr 20 01:15:47 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	5.64	168	956686	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	1456638	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	1311977	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	712820	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	626203	46.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.82%	
35) Dibromofluoromethane	5.47	113	484446	52.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.06%	
50) Toluene-d8	8.70	98	1800820	52.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.06%	
62) 4-Bromofluorobenzene	11.12	95	728381	52.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.56%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	130334	15.463	ug/l	100
3) Chloromethane	1.31	50	171321	15.961	ug/l	99
4) Vinyl Chloride	1.39	62	173698	17.624	ug/l	99
5) Bromomethane	1.63	94	126692	23.619	ug/l	99
6) Chloroethane	1.72	64	108017	17.671	ug/l	99
7) Trichlorofluoromethane	1.92	101	236469	17.890	ug/l	96
8) Diethyl Ether	2.17	74	99537	17.854	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.37	101	163955	19.028	ug/l	100
10) Methyl Iodide	2.50	142	136234	11.727	ug/l	98
11) Tert butyl alcohol	3.01	59	226038	69.989	ug/l	98
12) 1,1-Dichloroethene	2.36	96	159276	17.634	ug/l	94
13) Acrolein	2.27	56	204770	111.304	ug/l	99
14) Allyl chloride	2.71	41	350155	16.592	ug/l	99
15) Acrylonitrile	3.12	53	555025	90.114	ug/l	99
16) Acetone	2.42	43	482891	83.301	ug/l	100
17) Carbon Disulfide	2.55	76	400116	14.522	ug/l	96
18) Methyl Acetate	2.75	43	262021	17.710	ug/l	95
19) Methyl tert-butyl Ether	3.17	73	623868	17.809	ug/l	99
20) Methylene Chloride	2.84	84	189945	17.542	ug/l	97
21) trans-1,2-Dichloroethene	3.14	96	176313	17.589	ug/l	99
22) Diisopropyl ether	3.83	45	682224	18.243	ug/l	98
23) Vinyl Acetate	3.79	43	2939461	86.814	ug/l	100
24) 1,1-Dichloroethane	3.67	63	342613	17.400	ug/l	99
25) 2-Butanone	4.64	43	776000	83.238	ug/l	100
26) 2,2-Dichloropropane	4.55	77	284719	17.617	ug/l	99
27) cis-1,2-Dichloroethene	4.57	96	211339	18.223	ug/l	97
28) Bromochloromethane	4.99	49	172157	18.313	ug/l	94
29) Tetrahydrofuran	5.09	42	505803	84.395	ug/l	99
30) Chloroform	5.18	83	343443	18.130	ug/l	95
31) Cyclohexane	5.55	56	295129	17.278	ug/l	95
32) 1,1,1-Trichloroethane	5.47	97	304898	17.785	ug/l	99
36) 1,1-Dichloropropene	5.78	75	247947	18.474	ug/l	98
37) Ethyl Acetate	4.80	43	308531	17.655	ug/l	99
38) Carbon Tetrachloride	5.76	117	260844	17.944	ug/l	96

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 ClientSampleId :

Quant Time: Apr 20 01:15:47 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X032720W.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 27 09:35:51 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	278912	18.024	ug/l	92
40) Benzene	6.12	78	745320	18.958	ug/l	95
41) Methacrylonitrile	5.01	41	177547	18.302	ug/l	98
42) 1,2-Dichloroethane	6.17	62	289956	18.361	ug/l	99
43) Isopropyl Acetate	6.42	43	510445	17.303	ug/l	98
44) Trichloroethene	7.19	130	211779	19.752	ug/l	93
45) 1,2-Dichloropropane	7.49	63	204290	18.995	ug/l	98
46) Dibromomethane	7.64	93	128521	18.217	ug/l	96
47) Bromodichloromethane	7.88	83	271265	18.045	ug/l	98
48) Methyl methacrylate	7.75	41	258108	17.516	ug/l	97
49) 1,4-Dioxane	7.72	88	84044	305.744	ug/l	98
51) 4-Methyl-2-Pentanone	8.62	43	1551129	92.779	ug/l	100
52) Toluene	8.77	92	470751	19.422	ug/l	99
53) t-1,3-Dichloropropene	9.03	75	304466	17.269	ug/l	99
54) cis-1,3-Dichloropropene	8.42	75	316627	17.630	ug/l	97
55) 1,1,2-Trichloroethane	9.20	97	195492	19.686	ug/l	99
56) Ethyl methacrylate	9.16	69	313648	17.921	ug/l	98
57) 1,3-Dichloropropane	9.36	76	339764	18.990	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	783033	91.983	ug/l	98
59) 2-Hexanone	9.47	43	1150759	91.170	ug/l	98
60) Dibromochloromethane	9.57	129	218366	18.299	ug/l	99
61) 1,2-Dibromoethane	9.65	107	202623	18.765	ug/l	97
64) Tetrachloroethene	9.32	164	199913	20.191	ug/l	96
65) Chlorobenzene	10.12	112	518045	19.799	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.21	131	198112	18.953	ug/l	98
67) Ethyl Benzene	10.24	91	923695	19.905	ug/l	99
68) m/p-Xylenes	10.34	106	699892	40.503	ug/l	96
69) o-Xylene	10.68	106	339045	19.856	ug/l	99
70) Styrene	10.70	104	595147	19.807	ug/l	98
71) Bromoform	10.84	173	163139	17.144	ug/l	# 98
73) Isopropylbenzene	11.00	105	919425	19.686	ug/l	98
74) N-amyl acetate	10.88	43	439806	16.931	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.25	83	297322	18.552	ug/l	98
76) 1,2,3-Trichloropropane	11.28	75	340222	23.210	ug/l	84
77) Bromobenzene	11.24	156	250980	20.146	ug/l	92
78) n-propylbenzene	11.34	91	1012758	18.963	ug/l	99
79) 2-Chlorotoluene	11.40	91	611697	18.687	ug/l	96
80) 1,3,5-Trimethylbenzene	11.49	105	767008	19.229	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.06	75	92989	15.221	ug/l	96
82) 4-Chlorotoluene	11.50	91	730282	19.030	ug/l	98
83) tert-Butylbenzene	11.76	119	752824	19.322	ug/l	100
84) 1,2,4-Trimethylbenzene	11.79	105	766806	18.865	ug/l	98
85) sec-Butylbenzene	11.93	105	879189	19.511	ug/l	99
86) p-Isopropyltoluene	12.05	119	824442	19.708	ug/l	98
87) 1,3-Dichlorobenzene	12.01	146	437653	19.624	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	427311	18.810	ug/l	96
89) n-Butylbenzene	12.37	91	723836	19.148	ug/l	100
90) Hexachloroethane	12.58	117	132427	16.264	ug/l	98
91) 1,2-Dichlorobenzene	12.38	146	436146	19.983	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.98	75	68784	15.206	ug/l	96

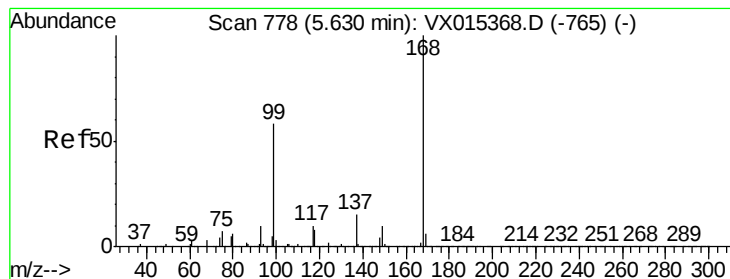
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX041720\
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ClientSampleId :

Quant Time: Apr 20 01:15:47 2020
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Quant Title : SW846 8260
QLast Update : Fri Mar 27 09:35:51 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	337775	19.565	ug/l	98
94) Hexachlorobutadiene	13.76	225	147515	17.947	ug/l	96
95) Naphthalene	13.82	128	1022103	19.409	ug/l	99
96) 1,2,3-Trichlorobenzene	14.00	180	334644	20.133	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.64 min Scan# 779

Delta R.T. 0.01 min

Lab File: VX015743.D

Acq: 17 Apr 2020 17:09

Instrument :

MSVOA_X

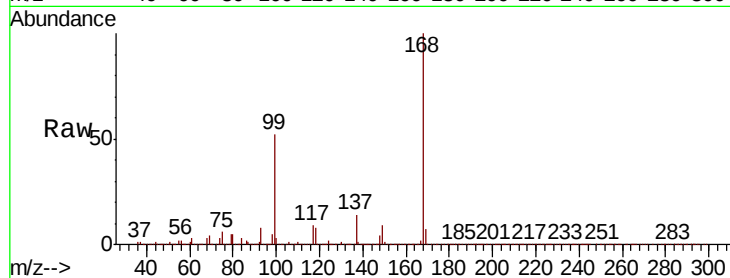
ClientSampleId :

Tot Ion:168 Resp: 956686

Ion Ratio Lower Upper

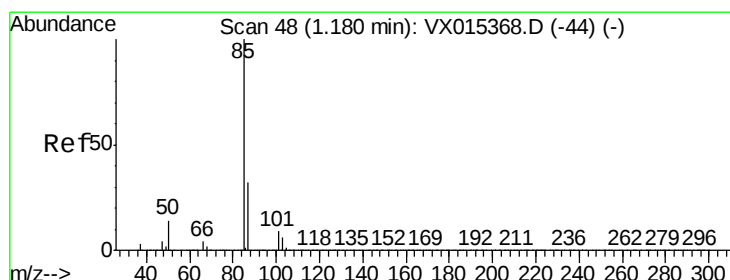
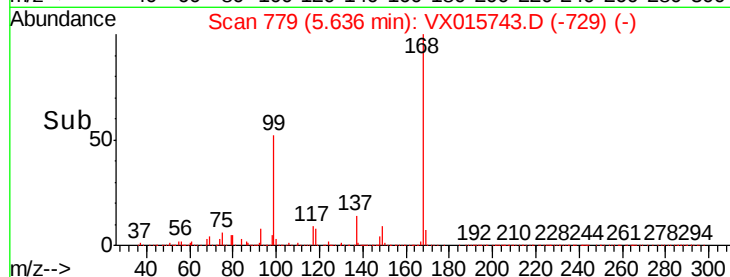
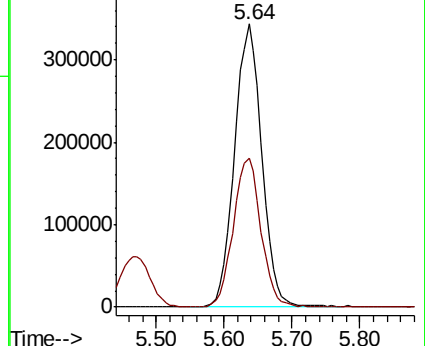
168 100

99 52.2 46.4 69.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 15.463 ug/l

RT: 1.19 min Scan# 49

Delta R.T. 0.01 min

Lab File: VX015743.D

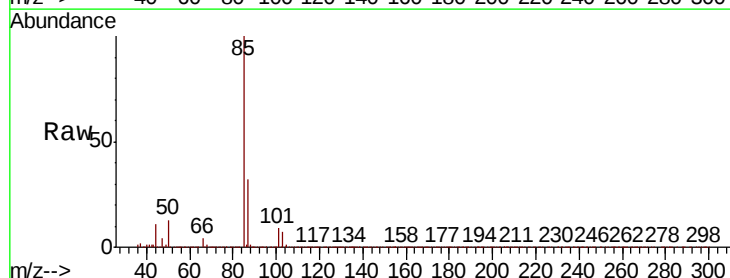
Acq: 17 Apr 2020 17:09

Tgt Ion: 85 Resp: 130334

Ion Ratio Lower Upper

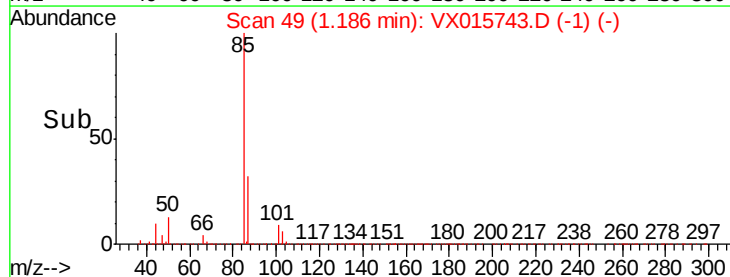
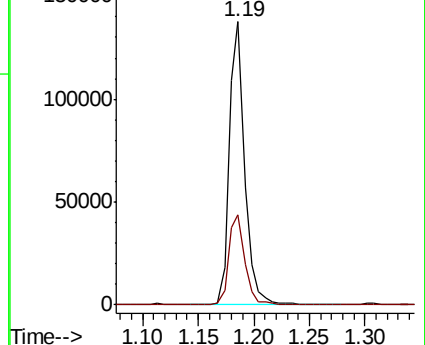
85 100

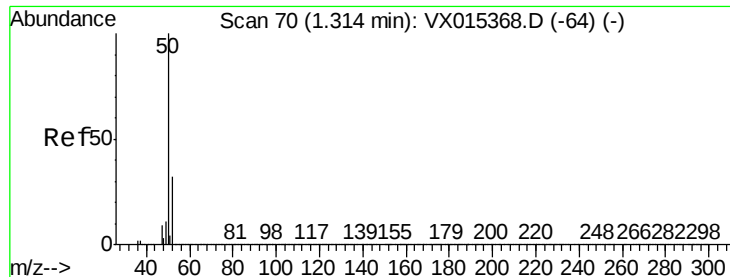
87 31.8 16.0 47.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

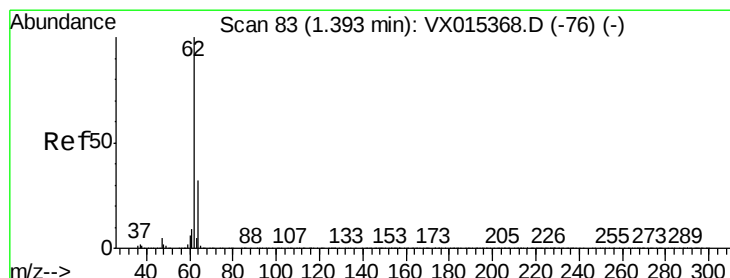
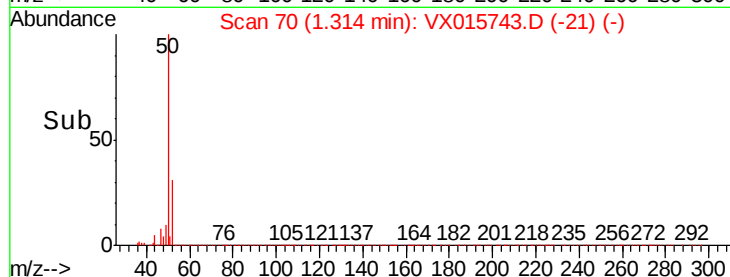
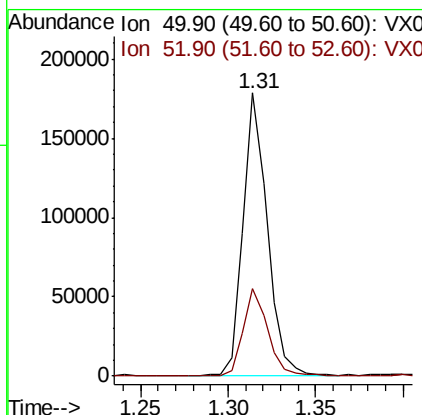
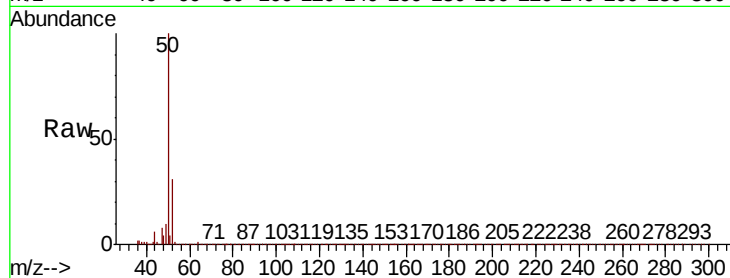




#3
Chloromethane
Concen: 15.961 ug/l
RT: 1.31 min Scan# 70
Delta R.T. 0.00 min
Lab File: VX015743.D
Acq: 17 Apr 2020 17:09

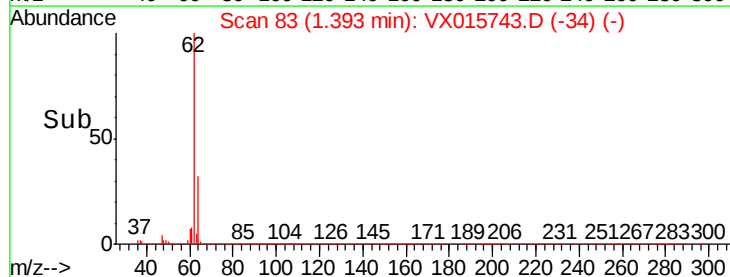
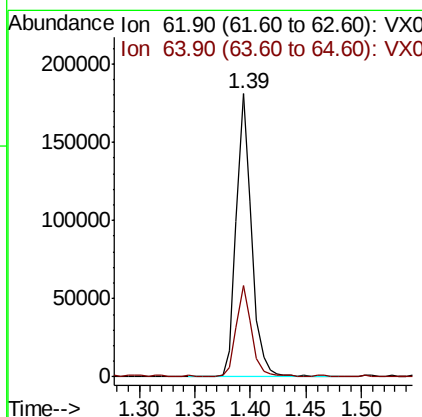
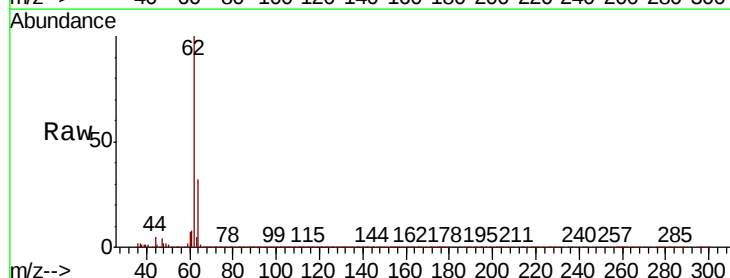
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 50 Resp: 171321
Ion Ratio Lower Upper
50 100
52 30.9 25.3 37.9



#4
Vinyl Chloride
Concen: 17.624 ug/l
RT: 1.39 min Scan# 83
Delta R.T. 0.00 min
Lab File: VX015743.D
Acq: 17 Apr 2020 17:09

Tgt Ion: 62 Resp: 173698
Ion Ratio Lower Upper
62 100
64 31.8 26.0 39.0





#5

Bromomethane

Concen: 23.619 ug/l

RT: 1.63 min Scan# 122

Delta R.T. 0.01 min

Lab File: VX015743.D

Acq: 17 Apr 2020 17:09

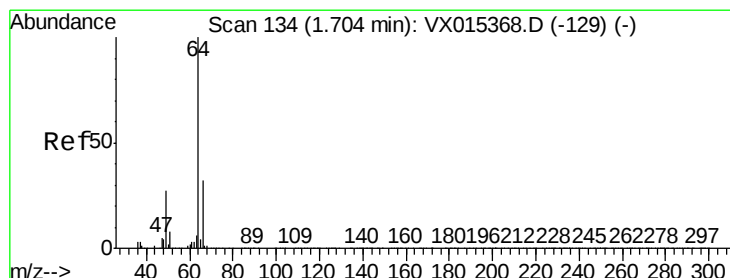
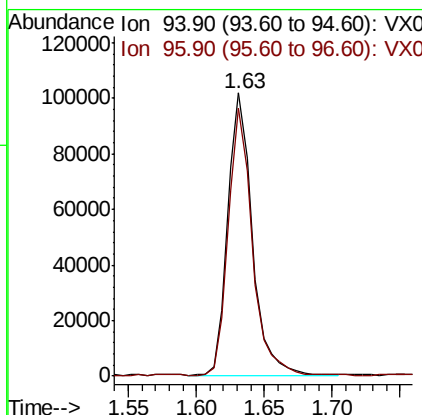
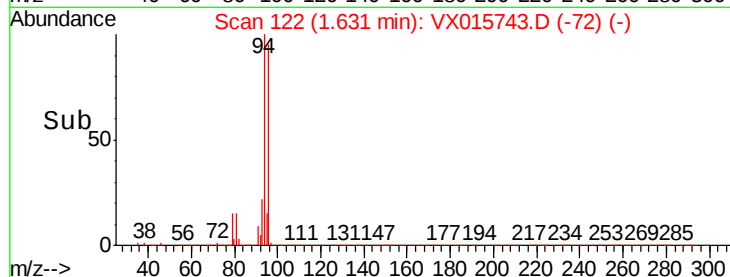
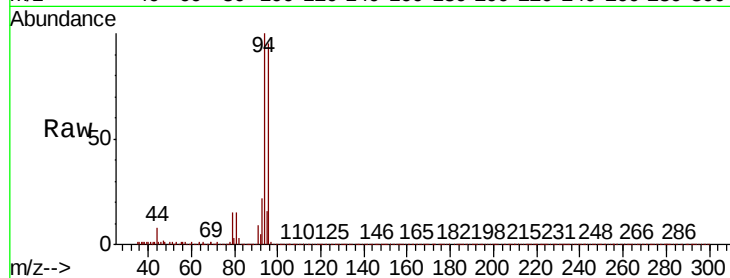
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 94 Resp: 126692

Ion Ratio Lower Upper

94 100

96 94.9 74.8 112.2



#6

Chloroethane

Concen: 17.671 ug/l

RT: 1.72 min Scan# 136

Delta R.T. 0.01 min

Lab File: VX015743.D

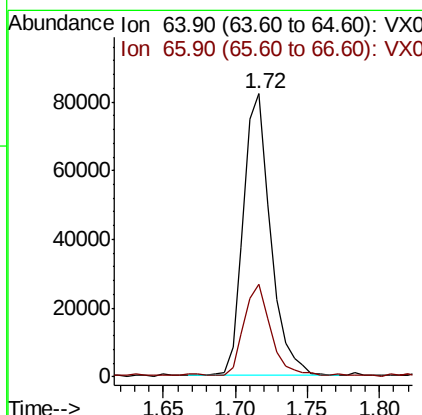
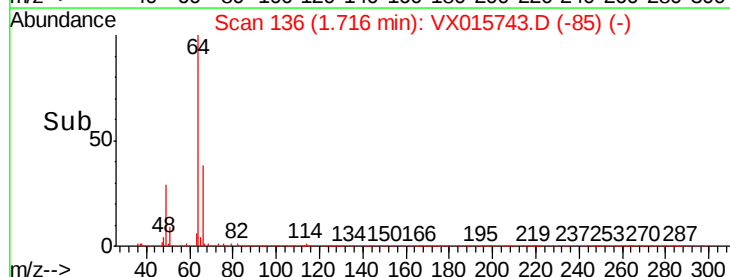
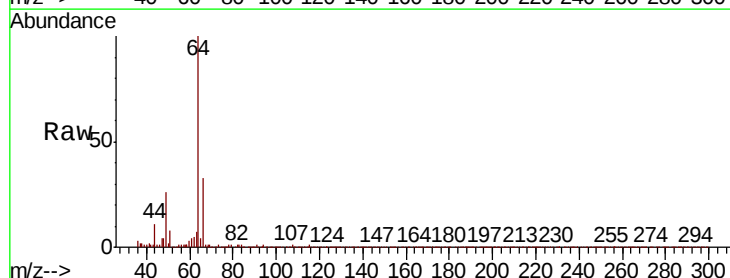
Acq: 17 Apr 2020 17:09

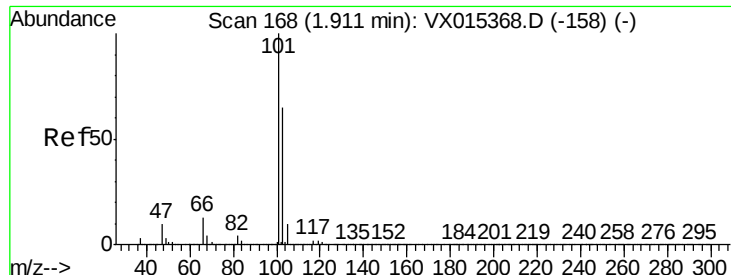
Tgt Ion: 64 Resp: 108017

Ion Ratio Lower Upper

64 100

66 32.1 25.4 38.2



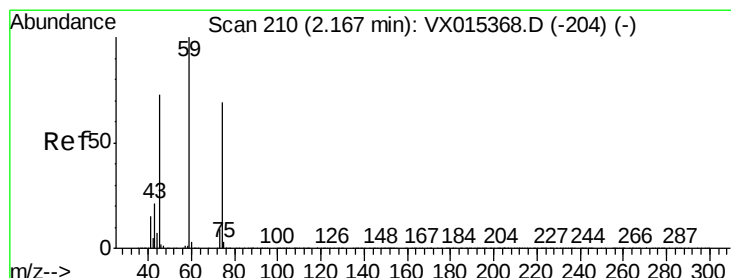
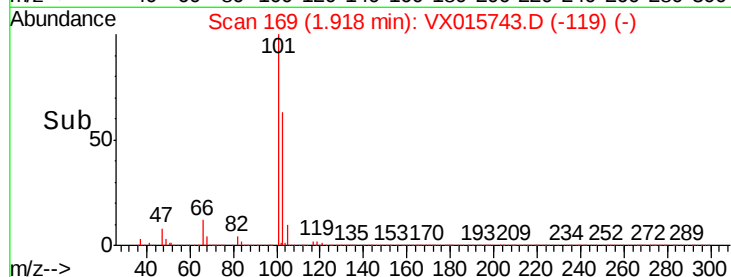
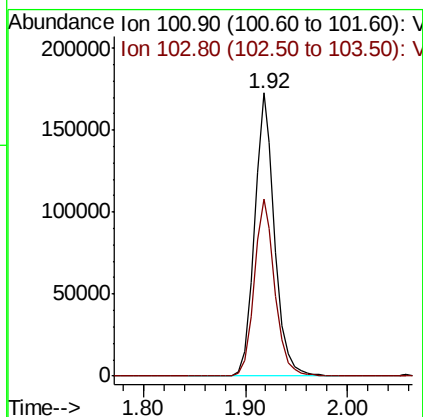
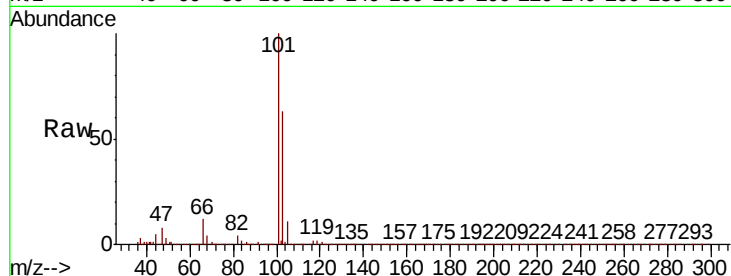


#7

Trichlorofluoromethane
 Concen: 17.890 ug/l
 RT: 1.92 min Scan# 169
 Delta R.T. 0.01 min
 Lab File: VX015743.D
 Acq: 17 Apr 2020 17:09

Instrument :
 MSVOA_X
 ClientSampleId :

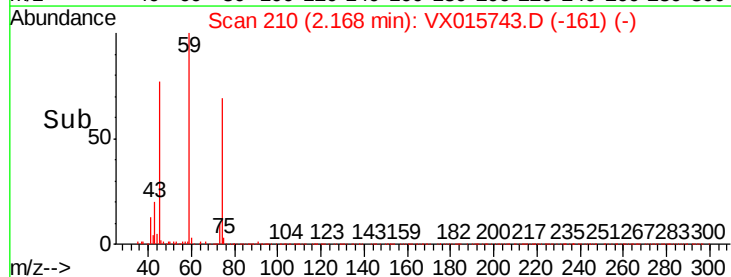
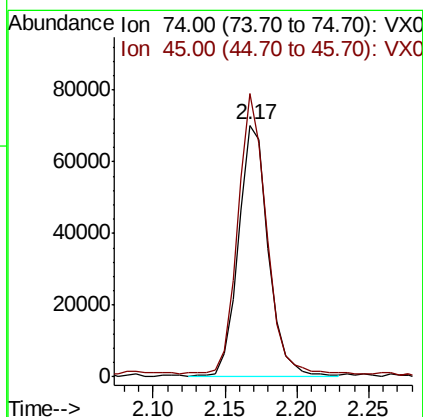
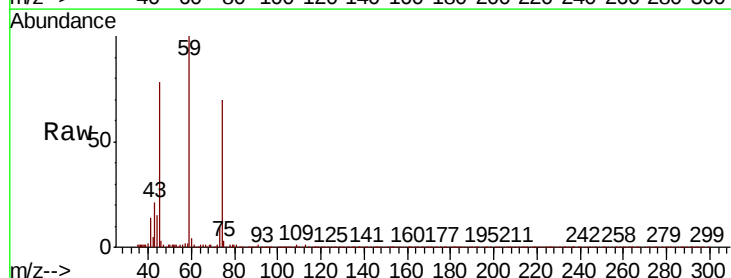
Tot Ion:101 Resp: 236469
 Ion Ratio Lower Upper
 101 100
 103 62.5 52.3 78.5

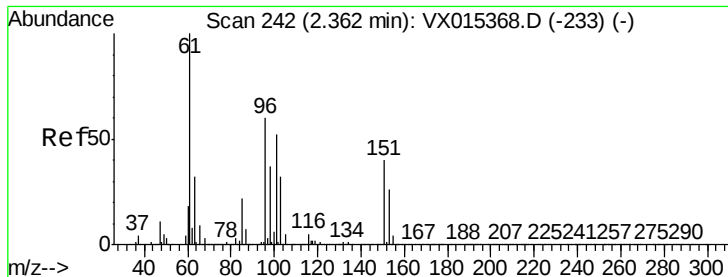


#8

Diethyl Ether
 Concen: 17.854 ug/l
 RT: 2.17 min Scan# 210
 Delta R.T. 0.00 min
 Lab File: VX015743.D
 Acq: 17 Apr 2020 17:09

Tgt Ion: 74 Resp: 99537
 Ion Ratio Lower Upper
 74 100
 45 107.7 53.8 161.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.028 ug/l

RT: 2.37 min Scan# 243

Delta R.T. 0.01 min

Lab File: VX015743.D

Acq: 17 Apr 2020 17:09

Instrument :

MSVOA_X

ClientSampleId :

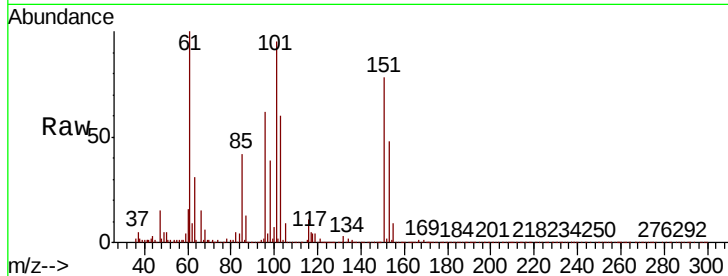
Tot Ion:101 Resp: 163955

Ion Ratio Lower Upper

101 100

85 43.5 35.0 52.4

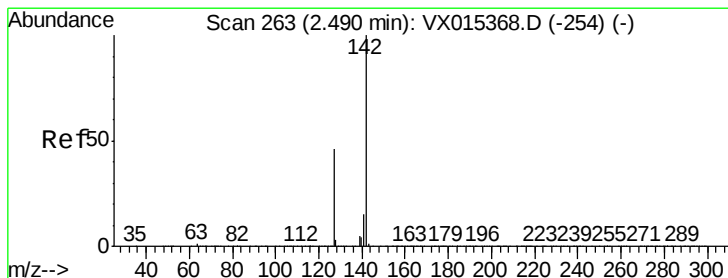
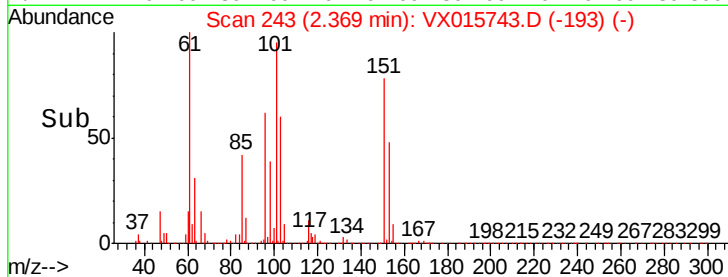
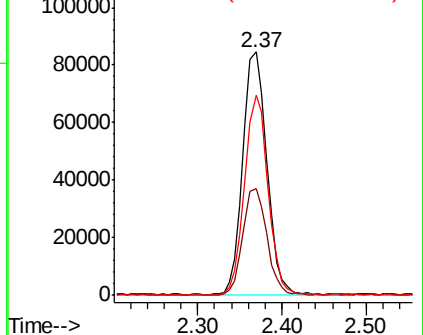
151 80.1 64.1 96.1



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: 11.727 ug/l

RT: 2.50 min Scan# 264

Delta R.T. 0.01 min

Lab File: VX015743.D

Acq: 17 Apr 2020 17:09

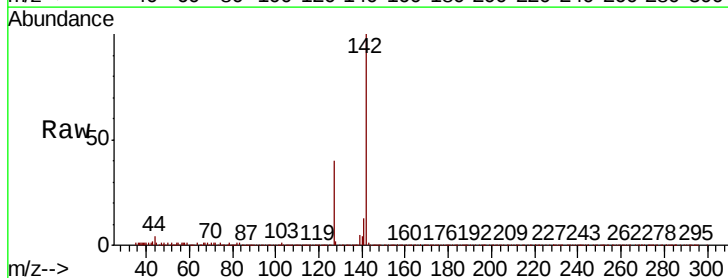
Tgt Ion:142 Resp: 136234

Ion Ratio Lower Upper

142 100

127 43.2 35.9 53.9

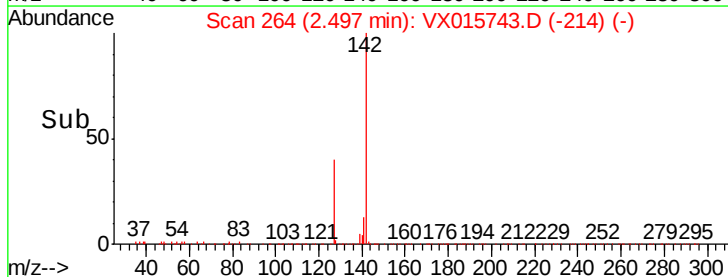
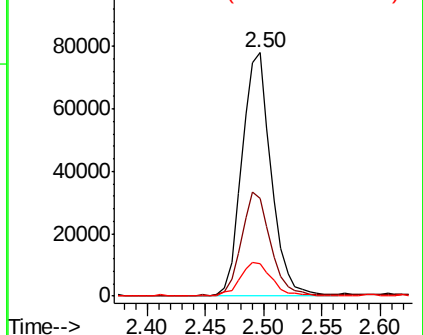
141 15.2 11.6 17.4

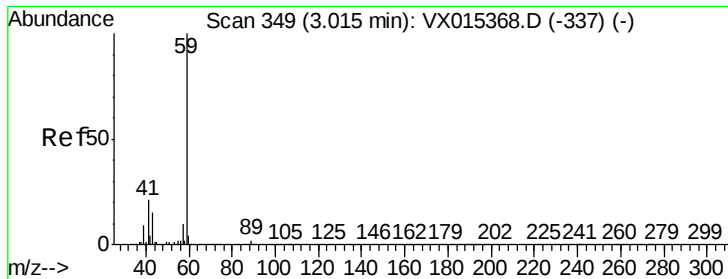


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

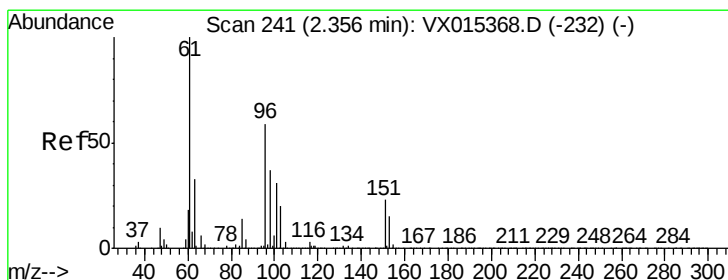
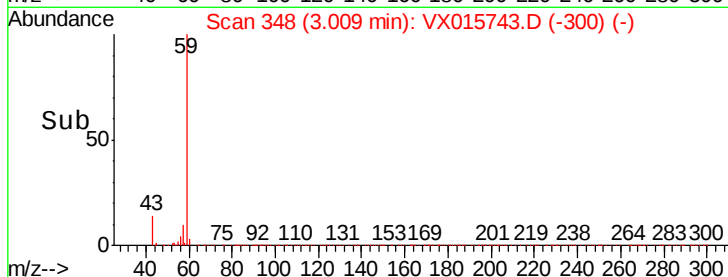
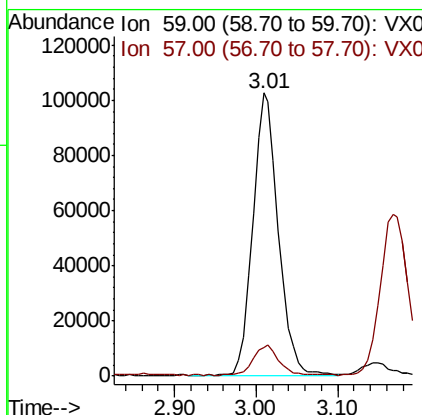
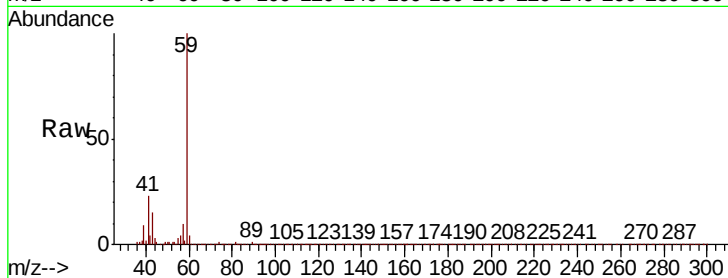




#11
Tert butyl alcohol
Concen: 69.989 ug/l
RT: 3.01 min Scan# 348
Delta R.T. -0.01 min
Lab File: VX015743.D
Acq: 17 Apr 2020 17:09

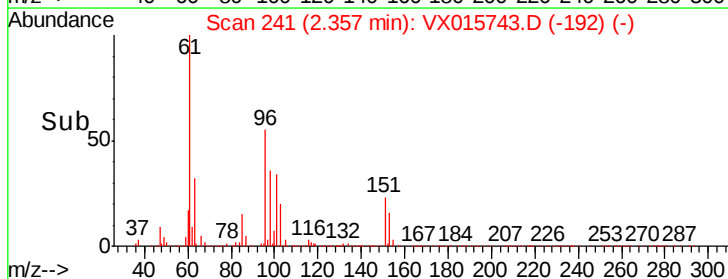
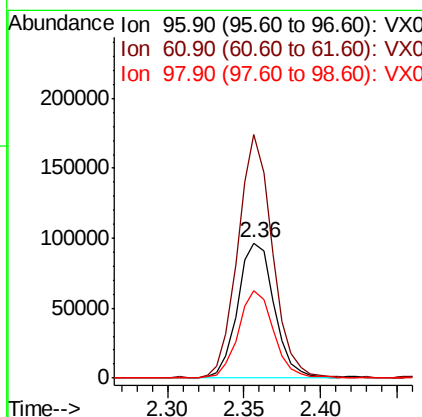
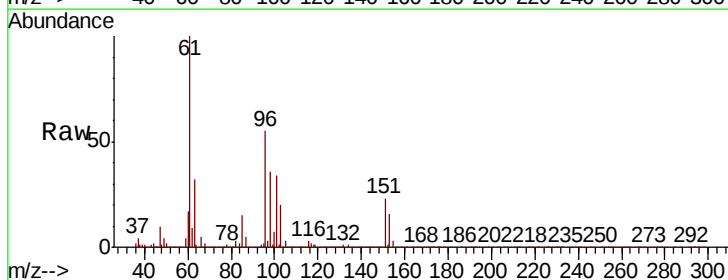
Instrument :
MSVOA_X
ClientSampled :

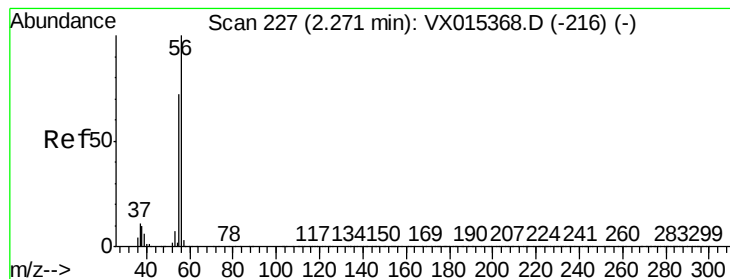
Tot Ion: 59 Resp: 226038
Ion Ratio Lower Upper
59 100
57 10.7 8.1 12.1



#12
1,1-Dichloroethene
Concen: 17.634 ug/l
RT: 2.36 min Scan# 241
Delta R.T. 0.00 min
Lab File: VX015743.D
Acq: 17 Apr 2020 17:09

Tgt Ion: 96 Resp: 159276
Ion Ratio Lower Upper
96 100
61 180.1 135.7 203.5
98 64.5 50.6 75.8





#13

Acrolein

Concen: 111.304 ug/l

RT: 2.27 min Scan# 227

Delta R.T. 0.00 min

Lab File: VX015743.D

Acq: 17 Apr 2020 17:09

Instrument :

MSVOA_X

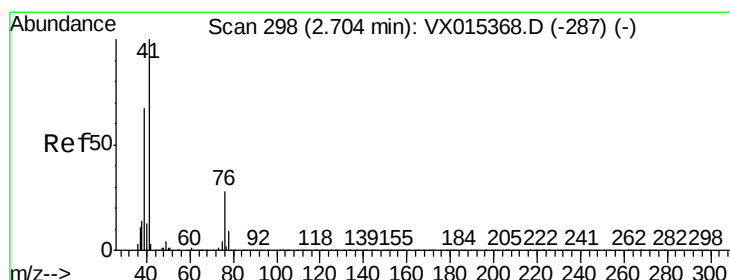
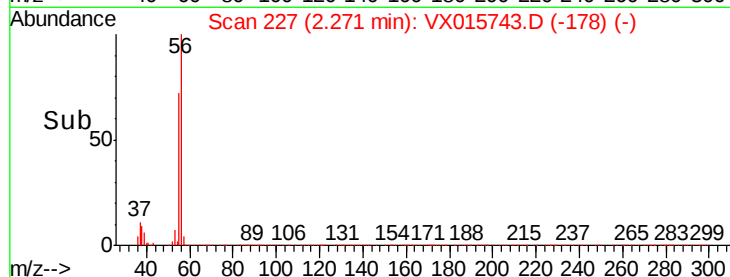
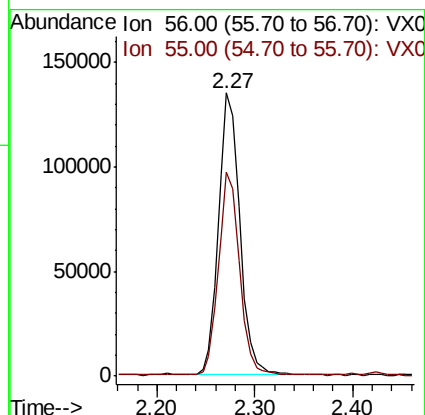
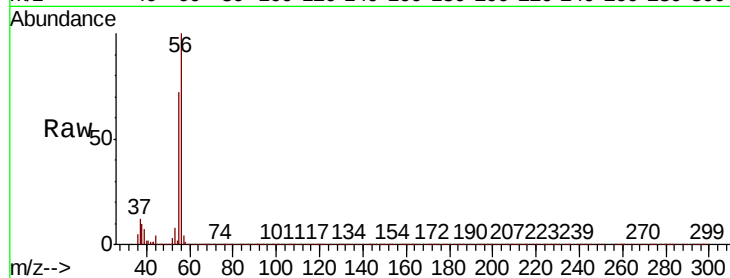
ClientSampleId :

Tot Ion: 56 Resp: 204770

Ion Ratio Lower Upper

56 100

55 70.2 57.0 85.4



#14

Allyl chloride

Concen: 16.592 ug/l

RT: 2.71 min Scan# 299

Delta R.T. 0.01 min

Lab File: VX015743.D

Acq: 17 Apr 2020 17:09

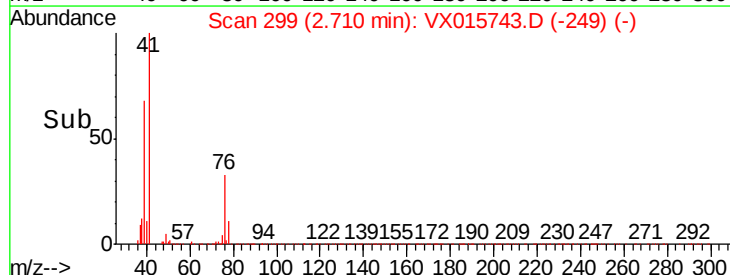
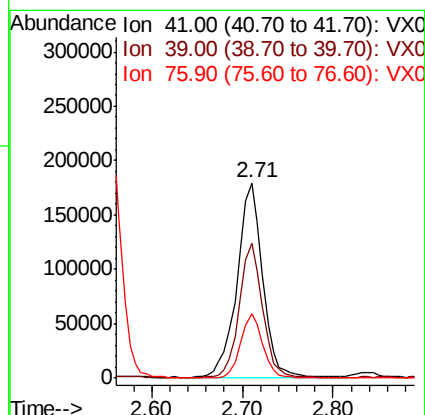
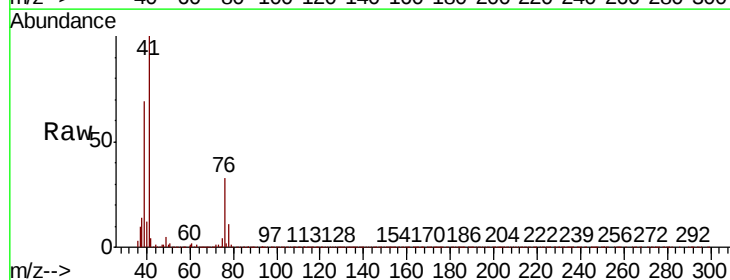
Tgt Ion: 41 Resp: 350155

Ion Ratio Lower Upper

41 100

39 64.4 51.4 77.0

76 27.9 21.8 32.8





#15

Acrylonitrile

Concen: 90.114 ug/l

RT: 3.12 min Scan# 366

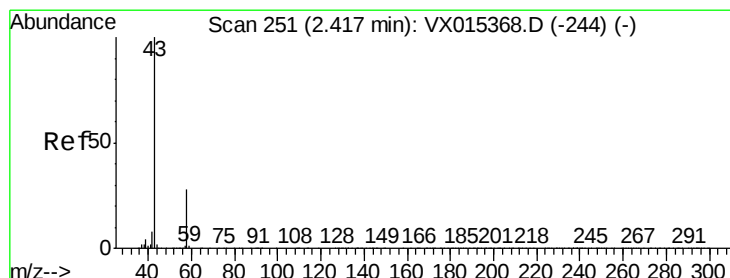
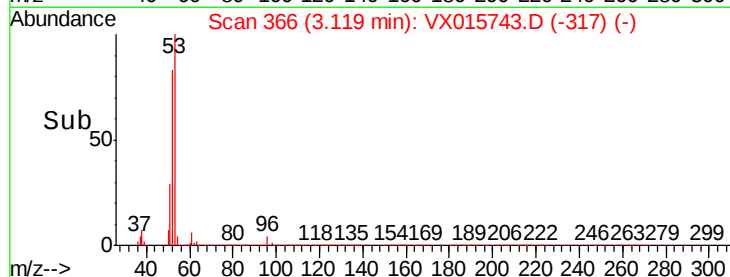
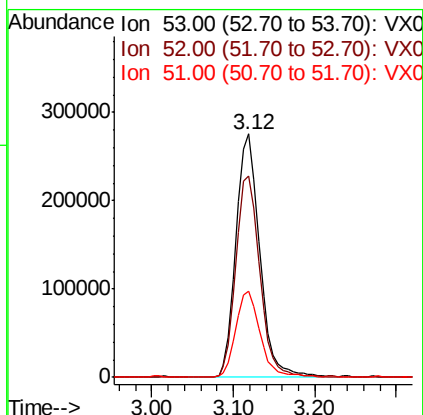
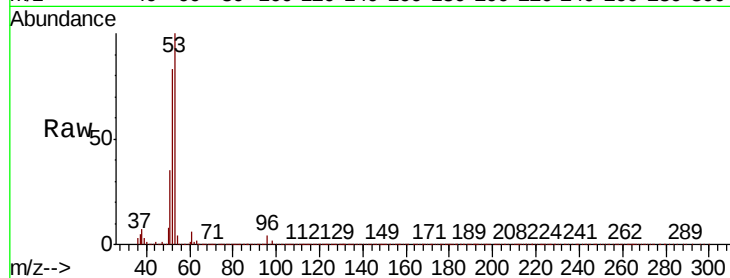
Delta R.T. 0.00 min

Lab File: VX015743.D

Acq: 17 Apr 2020 17:09

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:	53	Resp:	555025
Ion	Ratio	Lower	Upper
53	100		
52	83.4	66.8	100.2
51	35.8	29.5	44.3



#16

Acetone

Concen: 83.301 ug/l

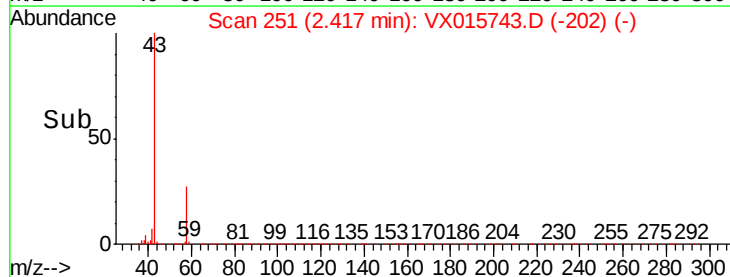
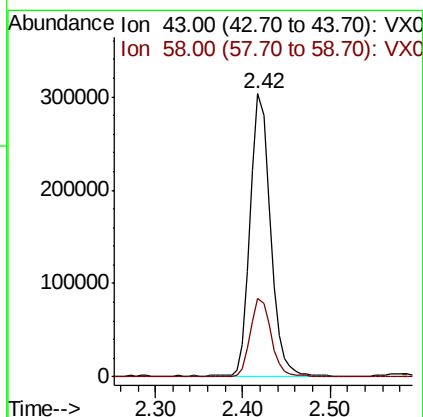
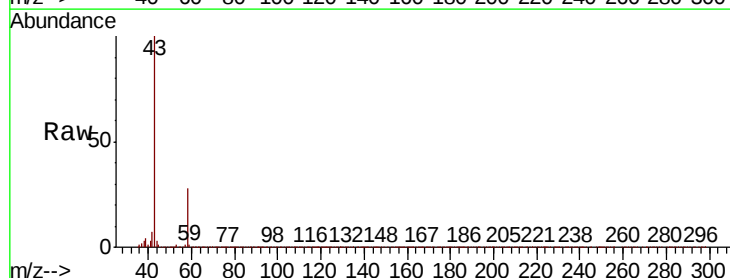
RT: 2.42 min Scan# 251

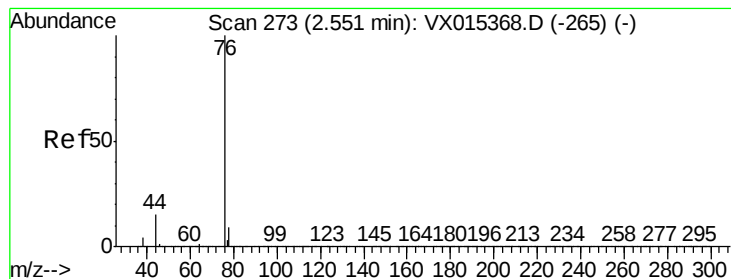
Delta R.T. 0.00 min

Lab File: VX015743.D

Acq: 17 Apr 2020 17:09

Tgt Ion:	43	Resp:	482891
Ion	Ratio	Lower	Upper
43	100		
58	27.5	22.1	33.1





#17

Carbon Disulfide

Concen: 14.522 ug/l

RT: 2.55 min Scan# 273

Delta R.T. 0.00 min

Lab File: VX015743.D

Acq: 17 Apr 2020 17:09

Instrument :

MSVOA_X

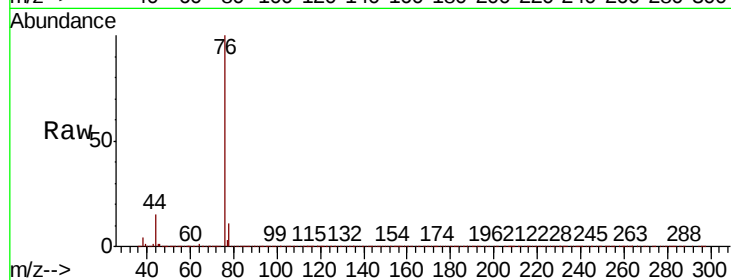
ClientSampled :

Tot Ion: 76 Resp: 400116

Ion Ratio Lower Upper

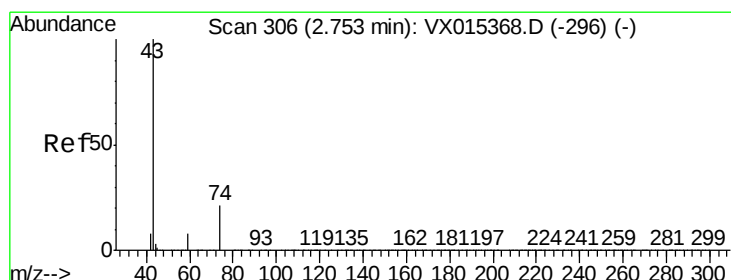
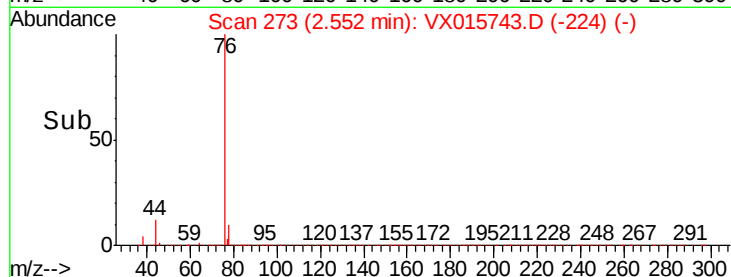
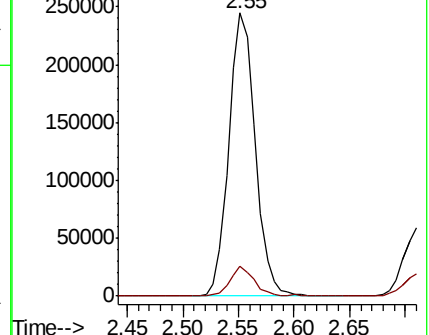
76 100

78 10.4 7.1 10.7



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 17.710 ug/l

RT: 2.75 min Scan# 306

Delta R.T. 0.00 min

Lab File: VX015743.D

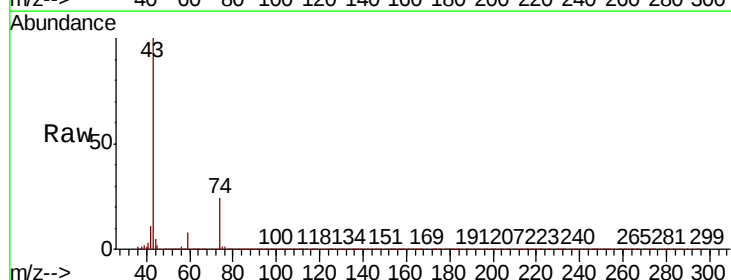
Acq: 17 Apr 2020 17:09

Tgt Ion: 43 Resp: 262021

Ion Ratio Lower Upper

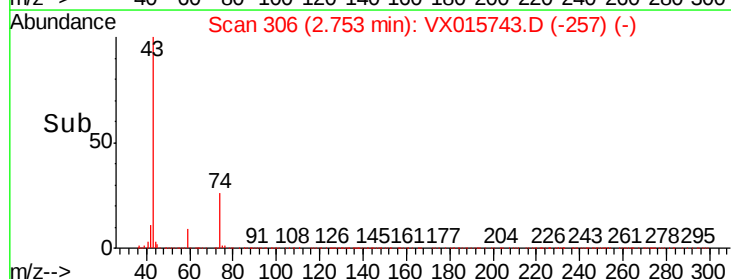
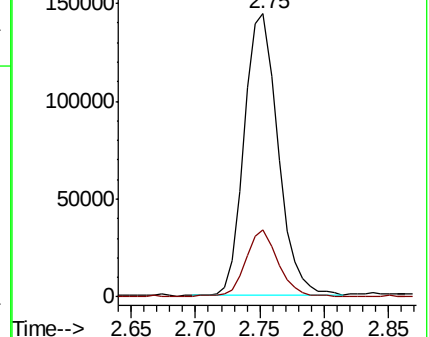
43 100

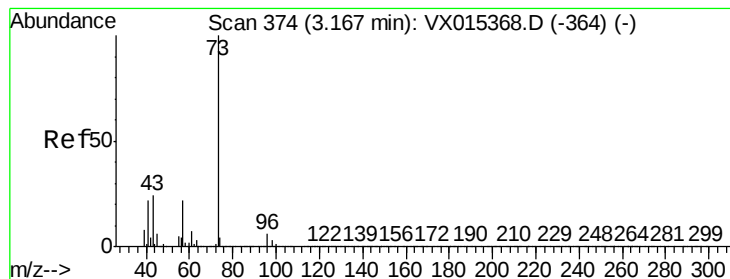
74 23.0 16.5 24.7



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0



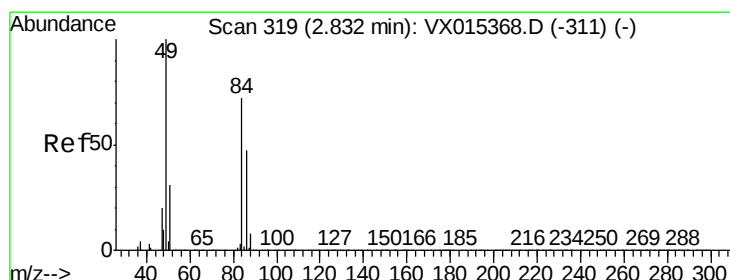
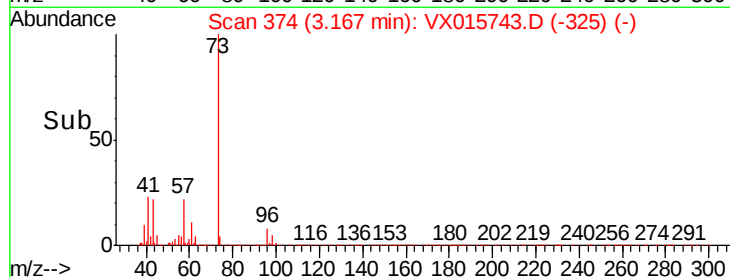
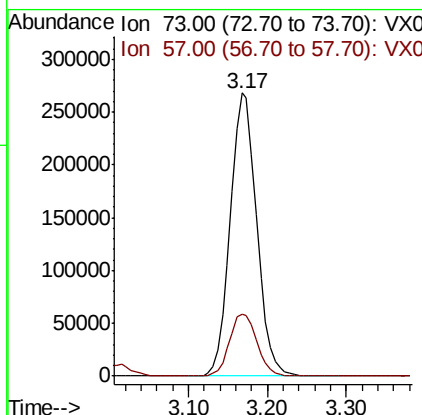
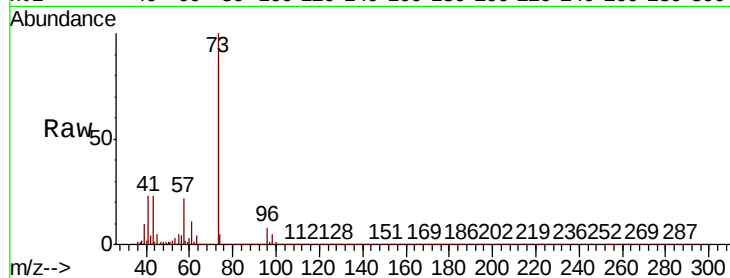


#19

Methyl tert-butyl Ether
 Concen: 17.809 ug/l
 RT: 3.17 min Scan# 374
 Delta R.T. 0.00 min
 Lab File: VX015743.D
 Acq: 17 Apr 2020 17:09

Instrument :
 MSVOA_X
 ClientSampled :

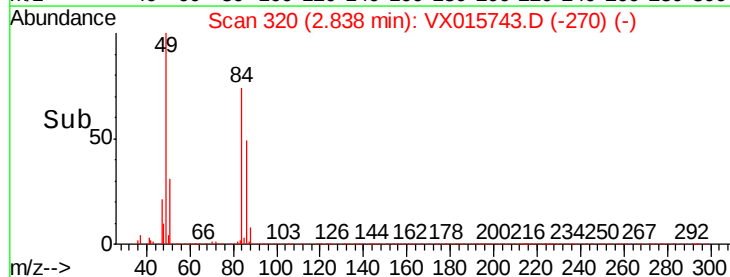
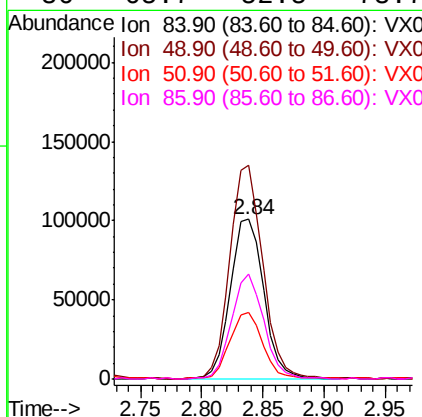
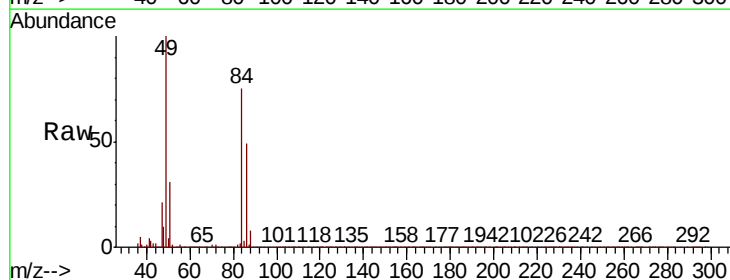
Tot Ion: 73 Resp: 623868
 Ion Ratio Lower Upper
 73 100
 57 21.7 17.9 26.9



#20

Methylene Chloride
 Concen: 17.542 ug/l
 RT: 2.84 min Scan# 320
 Delta R.T. 0.01 min
 Lab File: VX015743.D
 Acq: 17 Apr 2020 17:09

Tgt Ion: 84 Resp: 189945
 Ion Ratio Lower Upper
 84 100
 49 133.3 111.3 166.9
 51 41.6 34.0 51.0
 86 65.7 52.5 78.7





#21

trans-1,2-Dichloroethene

Concen: 17.589 ug/l

RT: 3.14 min Scan# 370

Delta R.T. 0.00 min

Lab File: VX015743.D

Acq: 17 Apr 2020 17:09

Instrument :
MSVOA_X
ClientSampleId :

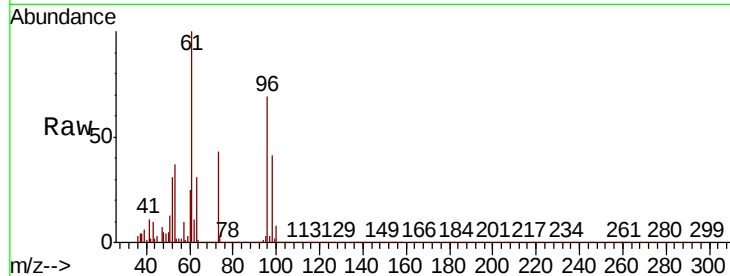
Tot Ion: 96 Resp: 176313

Ion Ratio Lower Upper

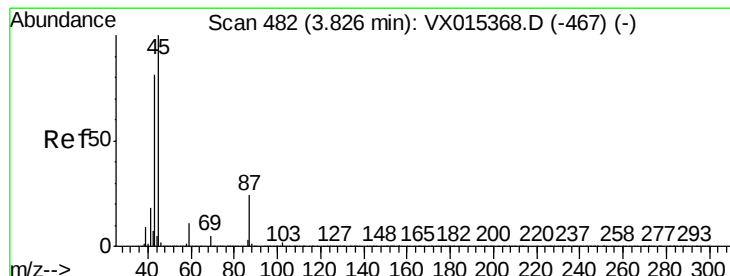
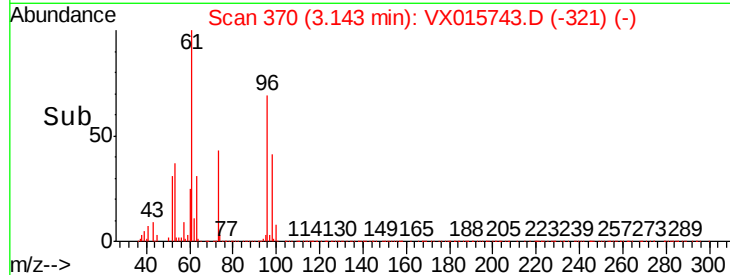
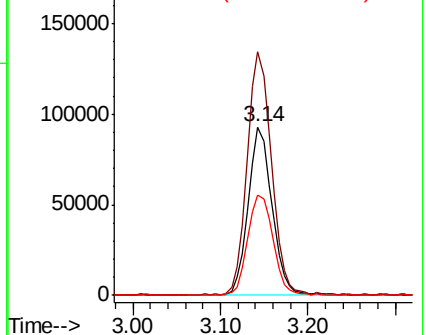
96 100

61 144.5 116.9 175.3

98 59.4 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: 18.243 ug/l

RT: 3.83 min Scan# 482

Delta R.T. 0.00 min

Lab File: VX015743.D

Acq: 17 Apr 2020 17:09

Tgt Ion: 45 Resp: 682224

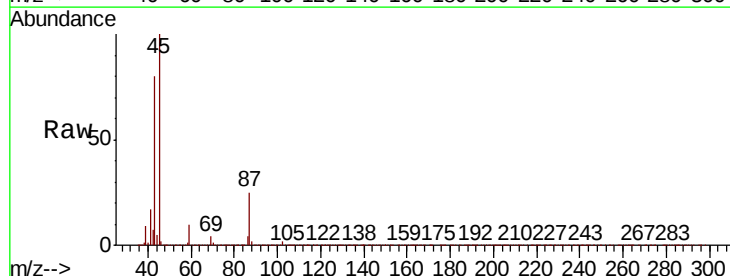
Ion Ratio Lower Upper

45 100

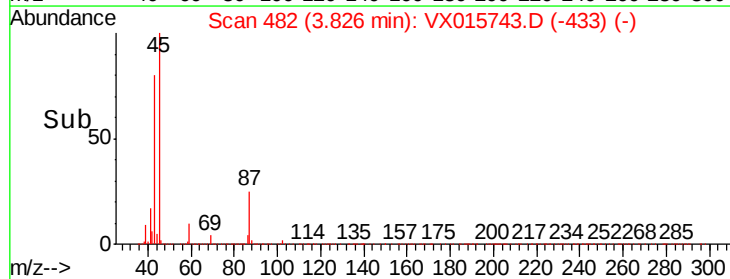
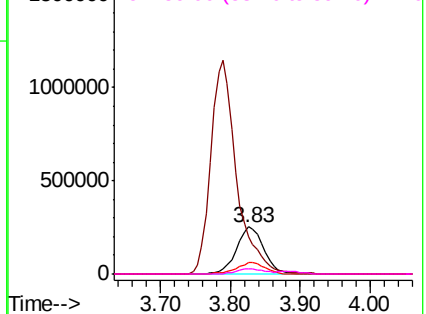
43 79.7 64.7 97.1

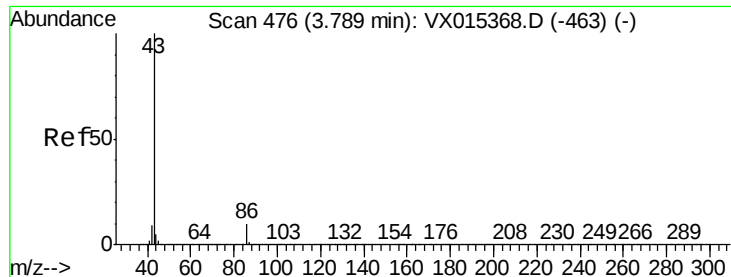
87 25.0 19.4 29.0

59 10.0 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: 86.814 ug/l

RT: 3.79 min Scan# 476

Delta R.T. 0.00 min

Lab File: VX015743.D

Acq: 17 Apr 2020 17:09

Instrument :

MSVOA_X

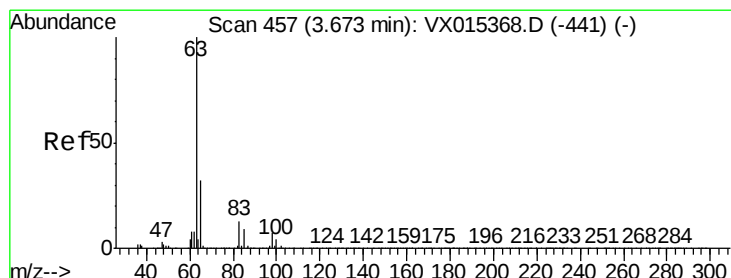
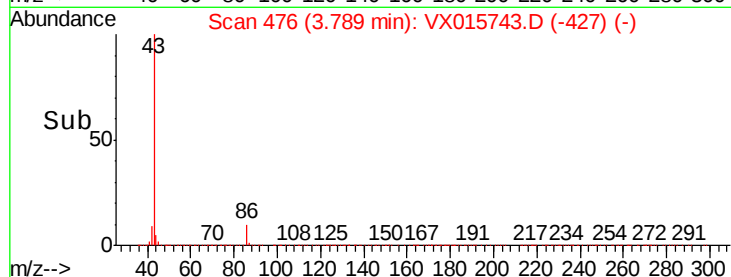
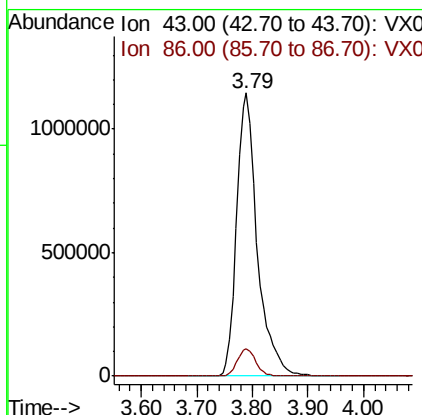
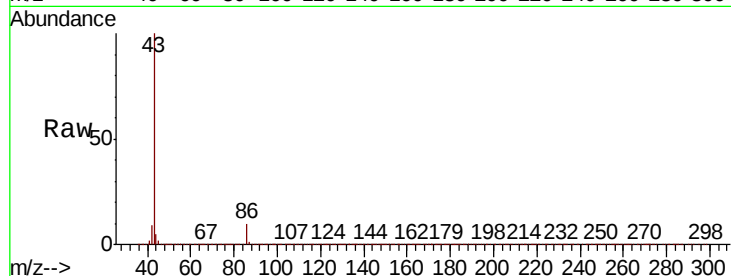
ClientSampleId :

Tot Ion: 43 Resp: 2939461

Ion Ratio Lower Upper

43 100

86 9.8 7.8 11.6



#24

1,1-Dichloroethane

Concen: 17.400 ug/l

RT: 3.67 min Scan# 457

Delta R.T. 0.00 min

Lab File: VX015743.D

Acq: 17 Apr 2020 17:09

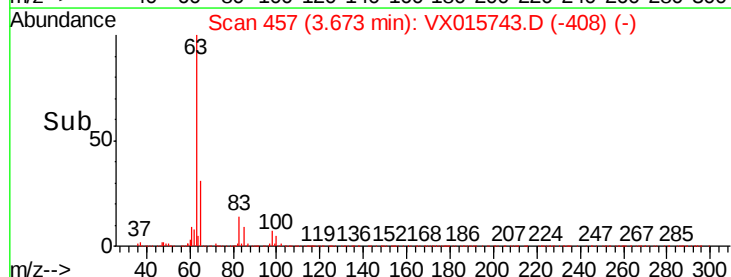
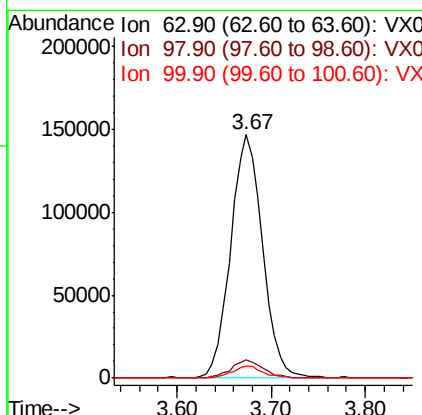
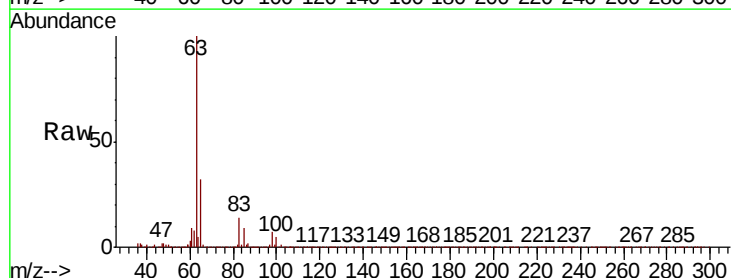
Tgt Ion: 63 Resp: 342613

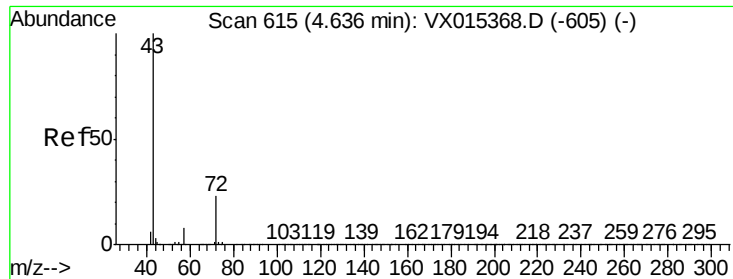
Ion Ratio Lower Upper

63 100

98 7.1 3.3 9.8

100 4.5 2.1 6.5





#25

2-Butanone

Concen: 83.238 ug/l

RT: 4.64 min Scan# 615

Delta R.T. 0.00 min

Lab File: VX015743.D

Acq: 17 Apr 2020 17:09

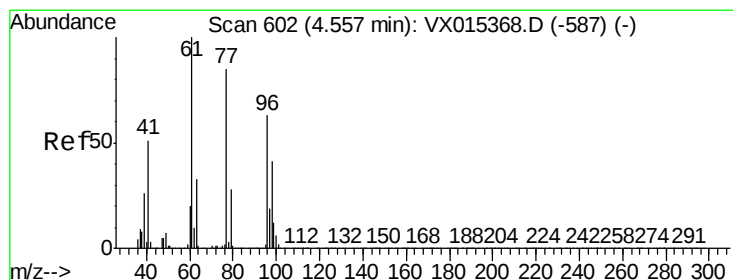
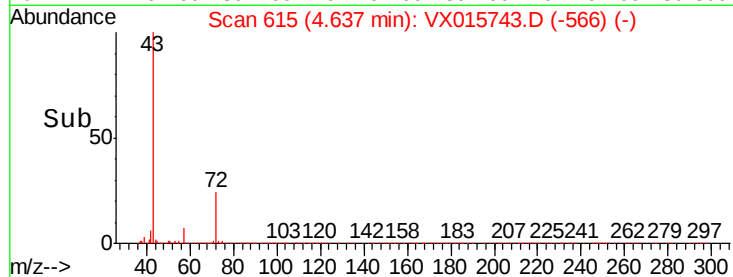
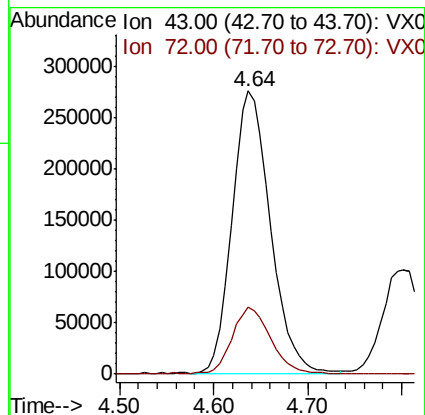
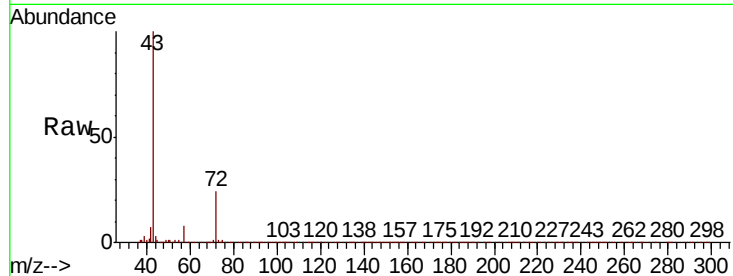
Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 43 Resp: 776000

Ion Ratio Lower Upper

43 100

72 23.8 19.0 28.4



#26

2,2-Dichloropropane

Concen: 17.617 ug/l

RT: 4.55 min Scan# 601

Delta R.T. -0.01 min

Lab File: VX015743.D

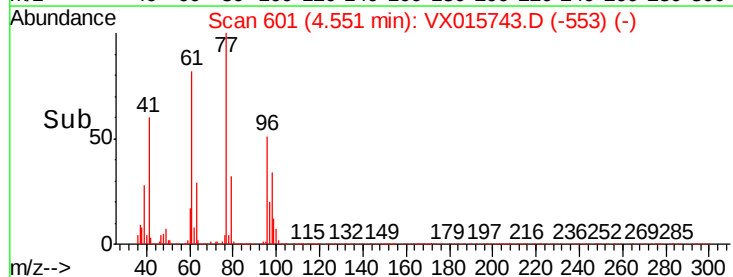
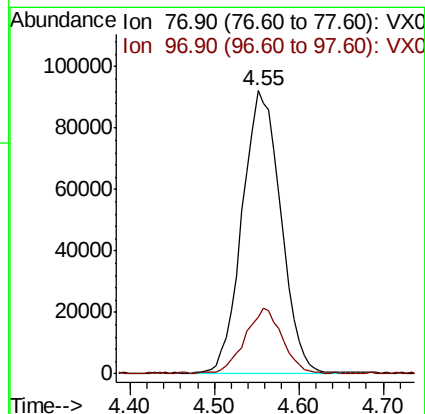
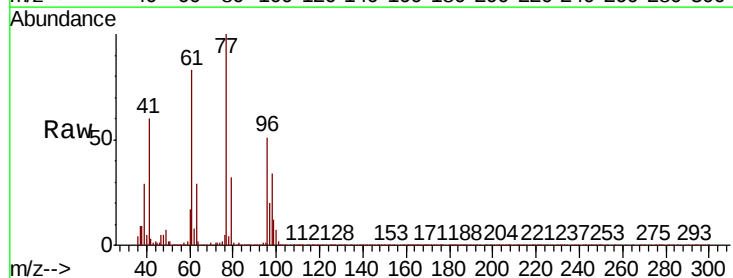
Acq: 17 Apr 2020 17:09

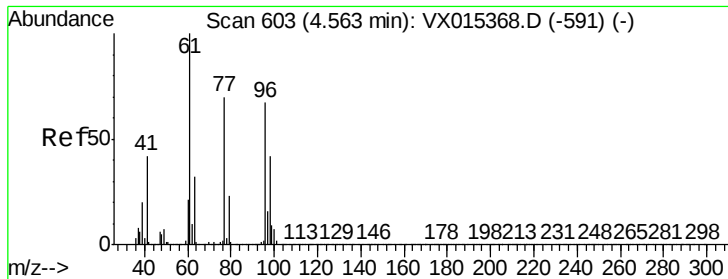
Tgt Ion: 77 Resp: 284719

Ion Ratio Lower Upper

77 100

97 22.8 11.3 33.8



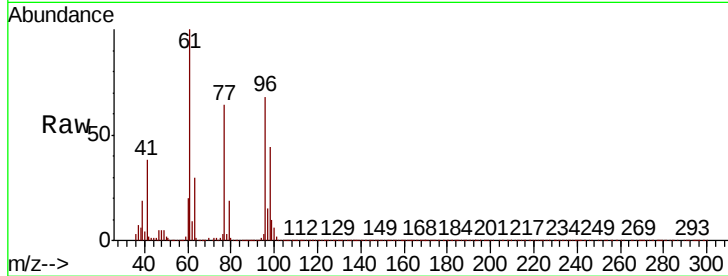


#27

cis-1,2-Dichloroethene
Concen: 18.223 ug/l
RT: 4.57 min Scan# 604
Delta R.T. 0.01 min
Lab File: VX015743.D
Acq: 17 Apr 2020 17:09

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
96	100		
61	149.5	0.0	308.4
98	63.7	0.0	129.2

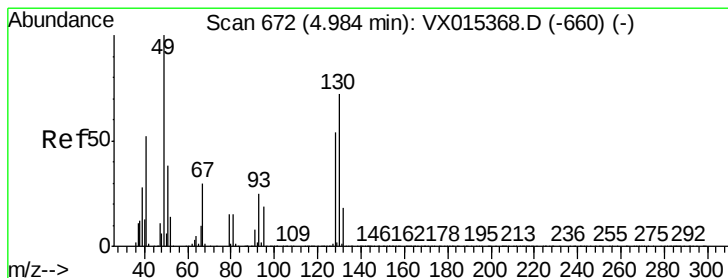
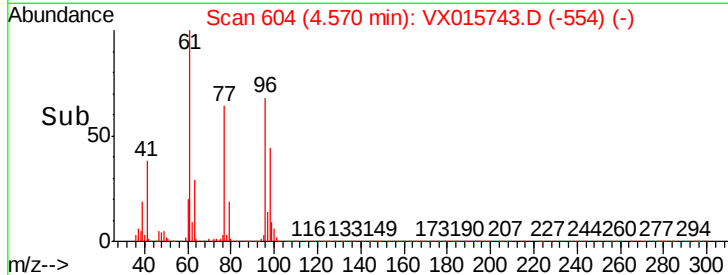
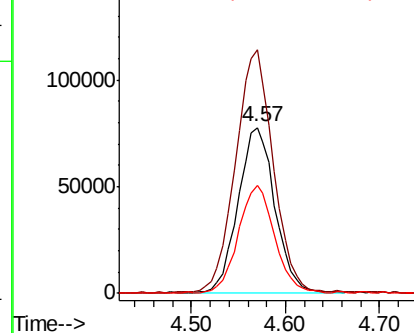


Abundance

Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

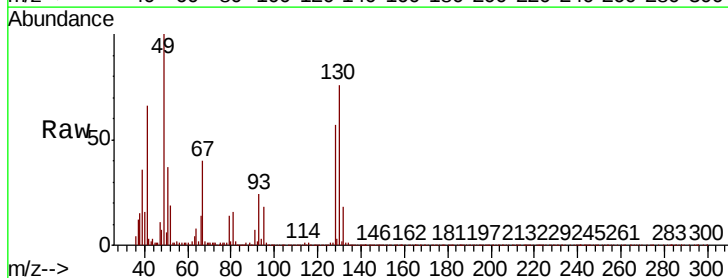
Ion 97.90 (97.60 to 98.60): VX0



#28

Bromochloromethane
Concen: 18.313 ug/l
RT: 4.99 min Scan# 673
Delta R.T. 0.01 min
Lab File: VX015743.D
Acq: 17 Apr 2020 17:09

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.3	0.0	4.4
130	77.4	57.7	86.5

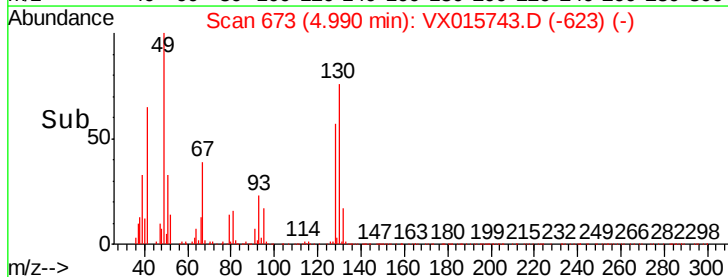
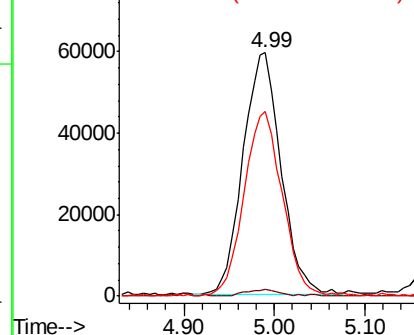


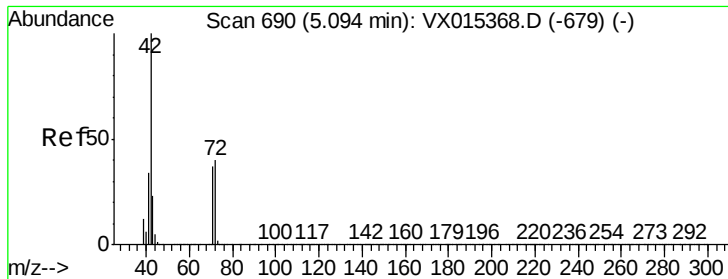
Abundance

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: 84.395 ug/l

RT: 5.09 min Scan# 690

Delta R.T. 0.00 min

Lab File: VX015743.D

Acq: 17 Apr 2020 17:09

Instrument :

MSVOA_X

ClientSampleId :

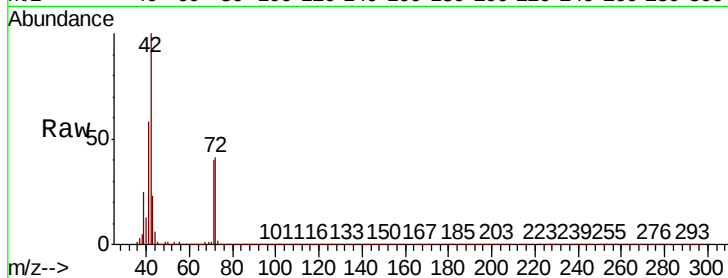
Tot Ion: 42 Resp: 505803

Ion Ratio Lower Upper

42 100

72 40.5 31.7 47.5

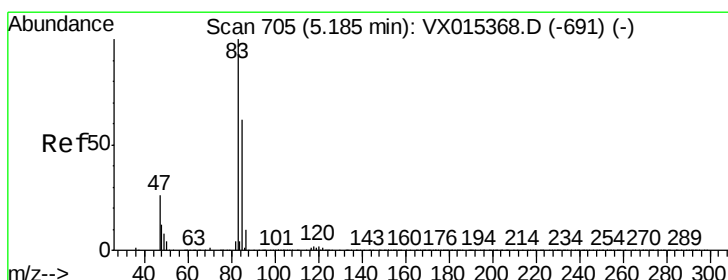
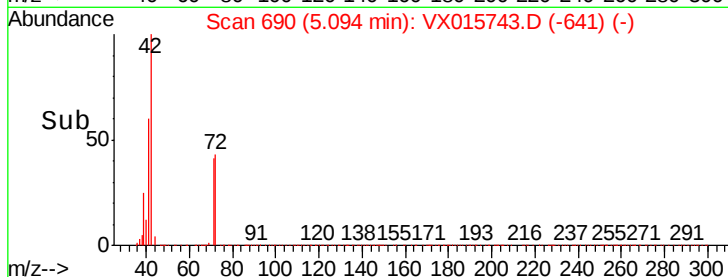
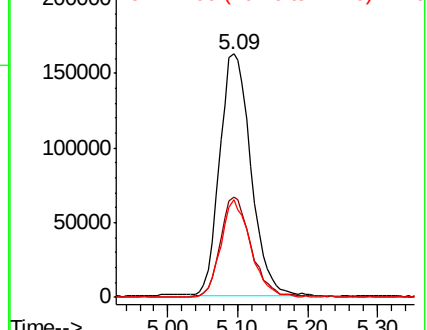
71 37.9 29.6 44.4



Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0



#30

Chloroform

Concen: 18.130 ug/l

RT: 5.18 min Scan# 704

Delta R.T. -0.01 min

Lab File: VX015743.D

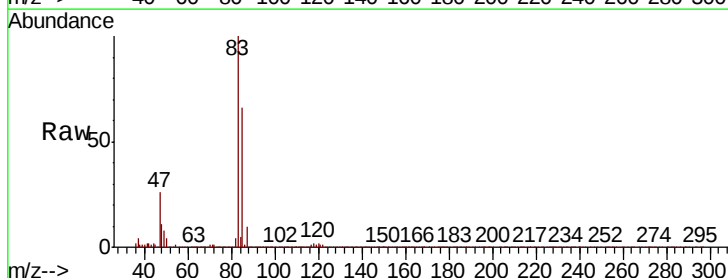
Acq: 17 Apr 2020 17:09

Tgt Ion: 83 Resp: 343443

Ion Ratio Lower Upper

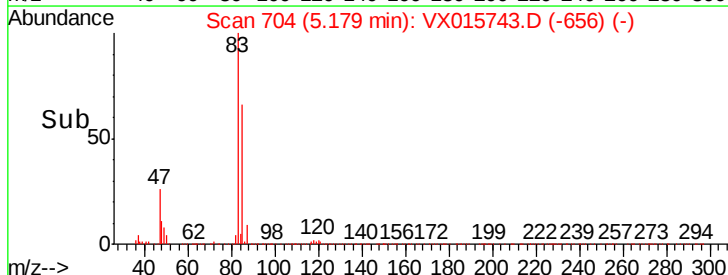
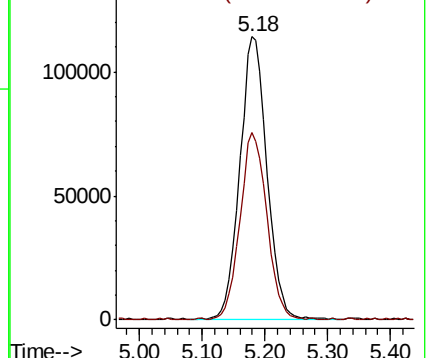
83 100

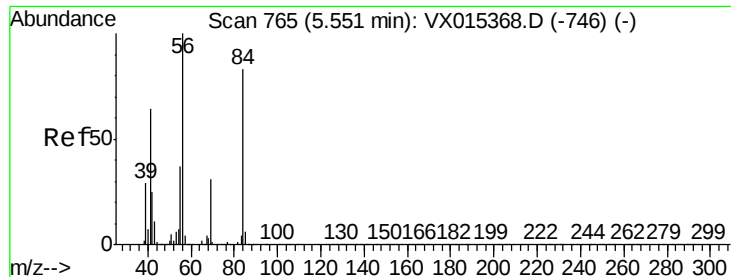
85 65.6 49.5 74.3



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

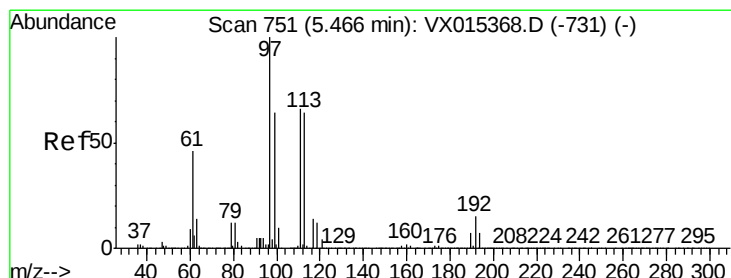
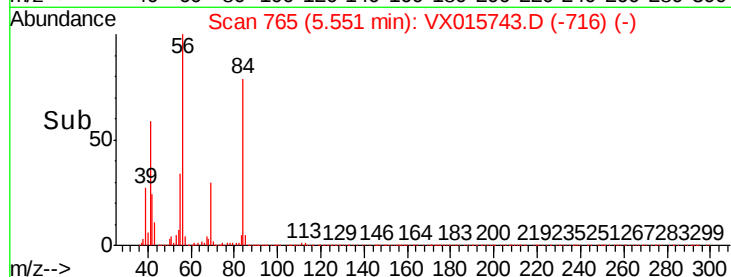
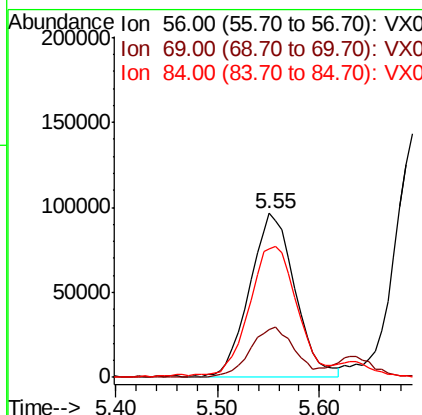
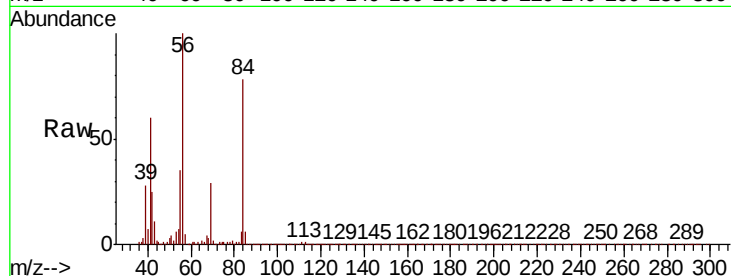




#31
Cyclohexane
Concen: 17.278 ug/l
RT: 5.55 min Scan# 765
Delta R.T. 0.00 min
Lab File: VX015743.D
Acq: 17 Apr 2020 17:09

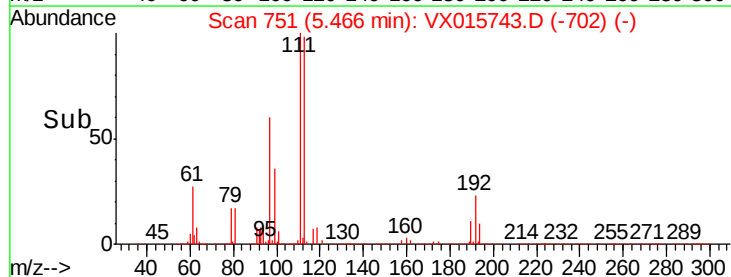
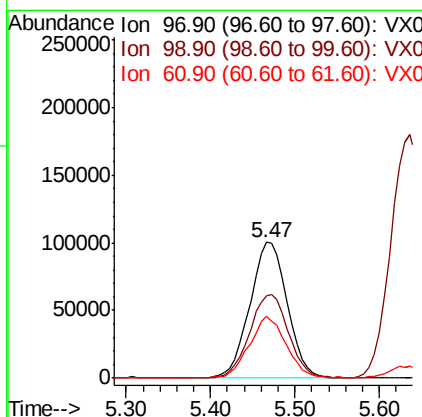
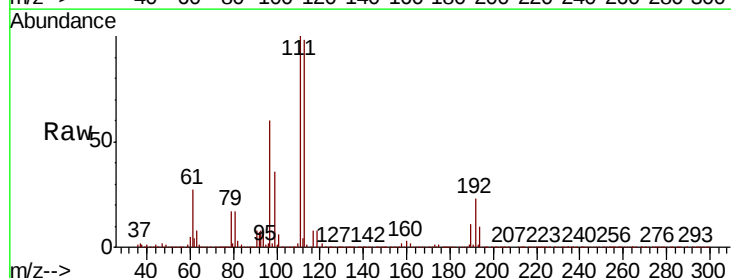
Instrument :
MSVOA_X
ClientSampleId :

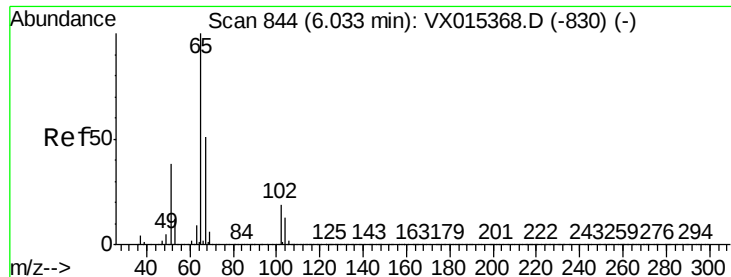
Tot Ion: 56 Resp: 295129
Ion Ratio Lower Upper
56 100
69 29.1 24.6 36.8
84 77.5 66.1 99.1



#32
1,1,1-Trichloroethane
Concen: 17.785 ug/l
RT: 5.47 min Scan# 751
Delta R.T. 0.00 min
Lab File: VX015743.D
Acq: 17 Apr 2020 17:09

Tgt Ion: 97 Resp: 304898
Ion Ratio Lower Upper
97 100
99 63.7 51.0 76.4
61 43.8 36.1 54.1





#33

1,2-Dichloroethane-d4

Concen: 46.409 ug/l

RT: 6.03 min Scan# 844

Delta R.T. 0.00 min

Lab File: VX015743.D

Acq: 17 Apr 2020 17:09

Instrument :

MSVOA_X

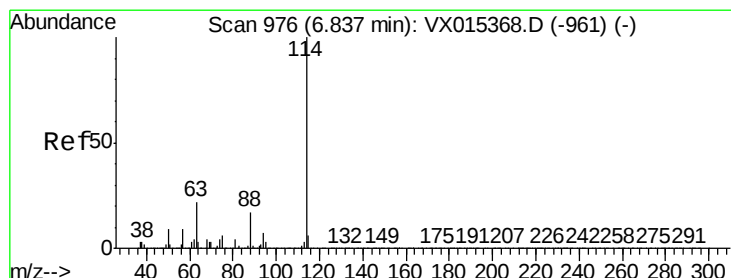
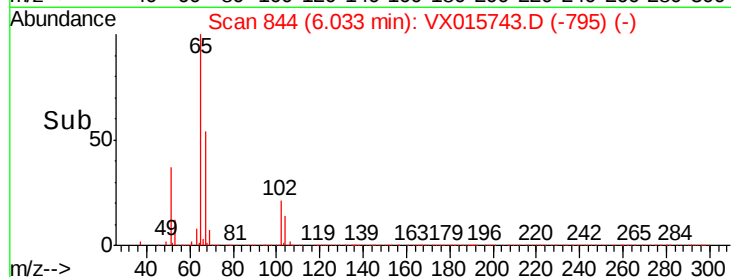
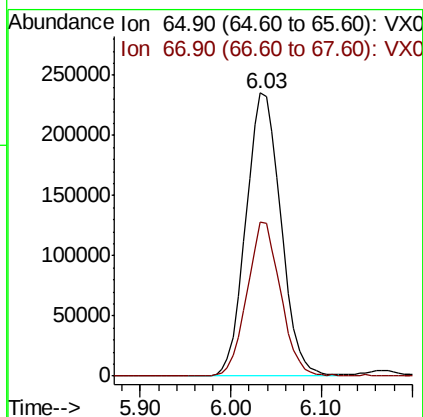
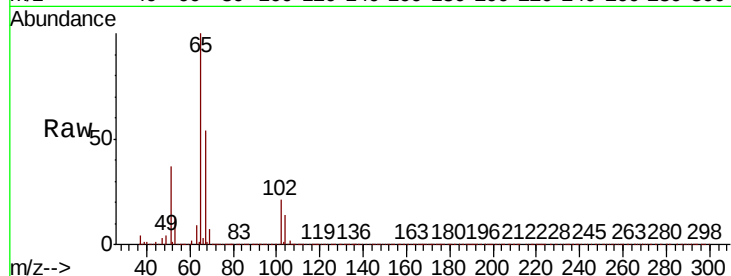
ClientSampleId :

Tot Ion: 65 Resp: 626203

Ion Ratio Lower Upper

65 100

67 52.0 0.0 102.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 975

Delta R.T. -0.01 min

Lab File: VX015743.D

Acq: 17 Apr 2020 17:09

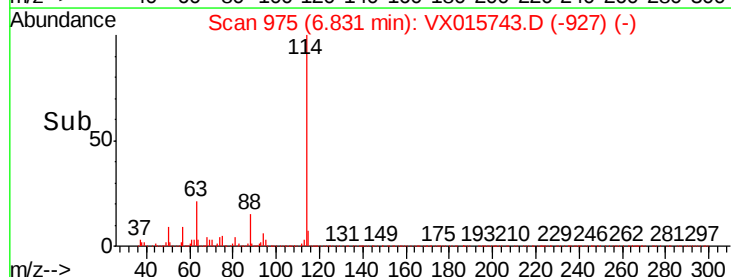
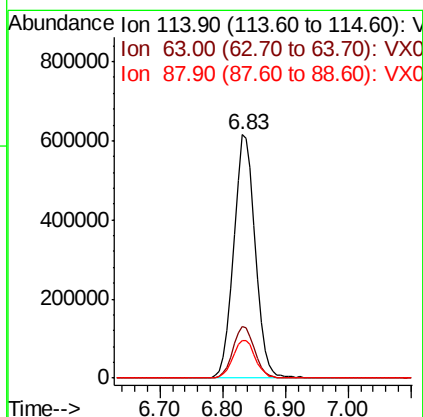
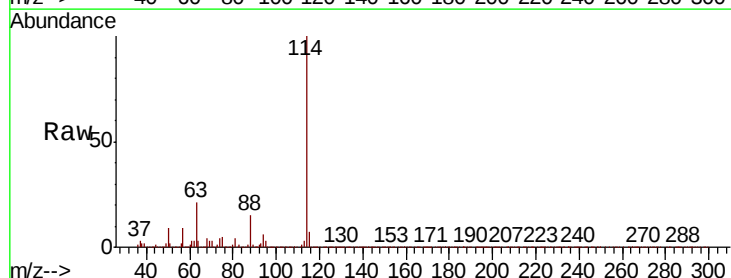
Tgt Ion: 114 Resp: 1456638

Ion Ratio Lower Upper

114 100

63 21.4 0.0 44.2

88 15.2 0.0 33.8

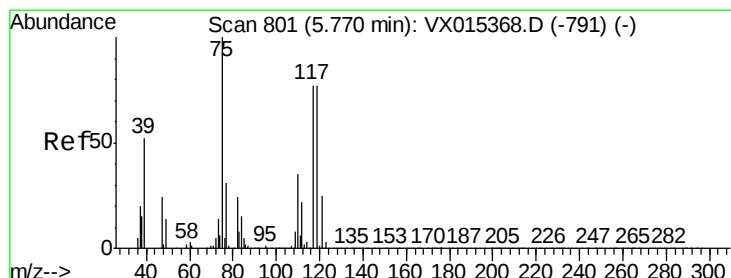
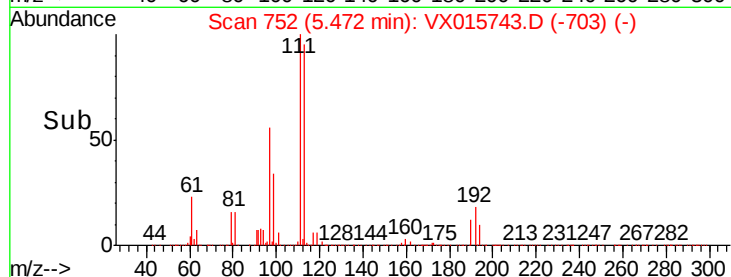
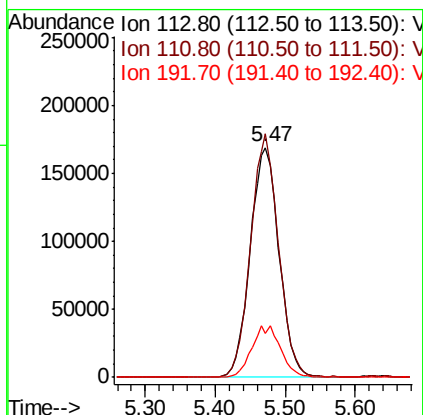
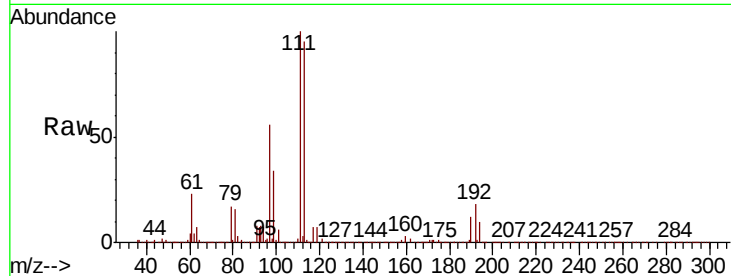




#35
 Dibromofluoromethane
 Concen: 52.028 ug/l
 RT: 5.47 min Scan# 752
 Delta R.T. 0.00 min
 Lab File: VX015743.D
 Acq: 17 Apr 2020 17:09

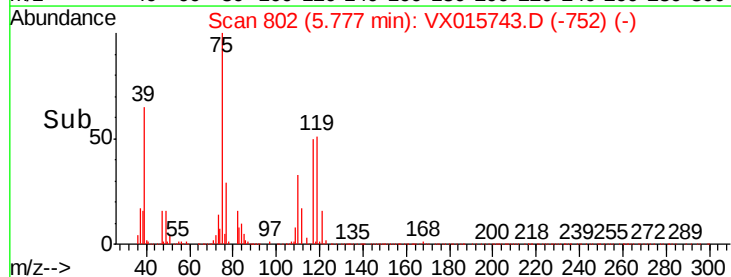
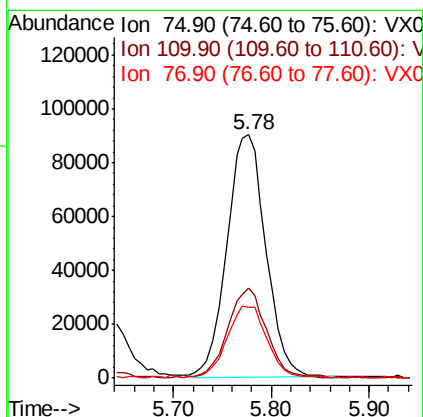
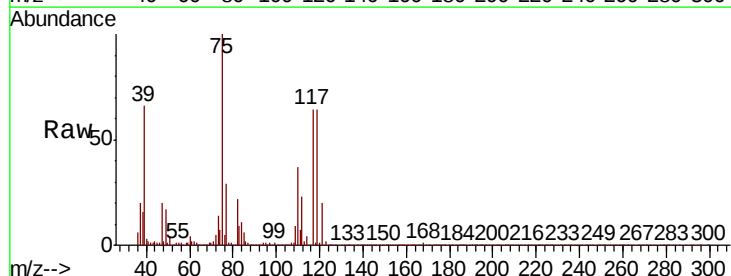
Instrument :
 MSVOA_X
 ClientSampleId :

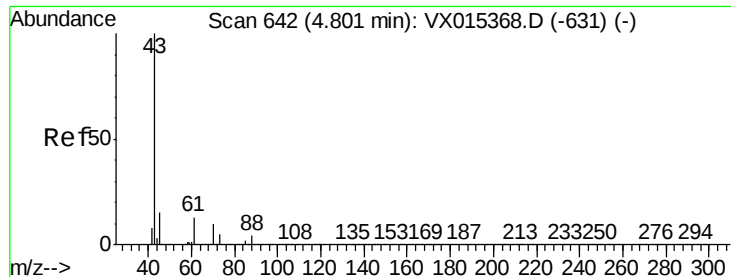
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.1	81.5	122.3
192	22.2	17.8	26.6



#36
 1,1-Dichloropropene
 Concen: 18.474 ug/l
 RT: 5.78 min Scan# 802
 Delta R.T. 0.01 min
 Lab File: VX015743.D
 Acq: 17 Apr 2020 17:09

Tgt Ion	Ratio	Lower	Upper
75	100		
110	36.5	17.1	51.3
77	30.4	24.6	36.8

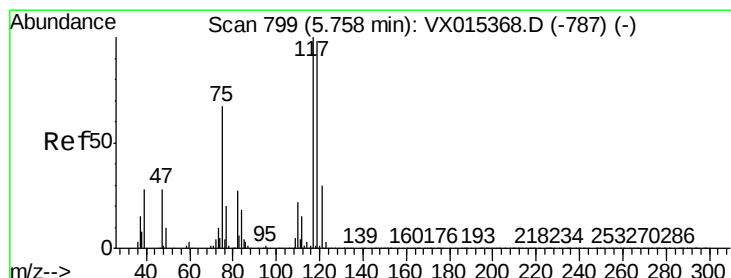
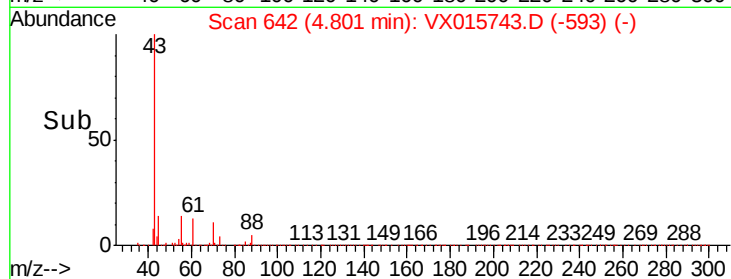
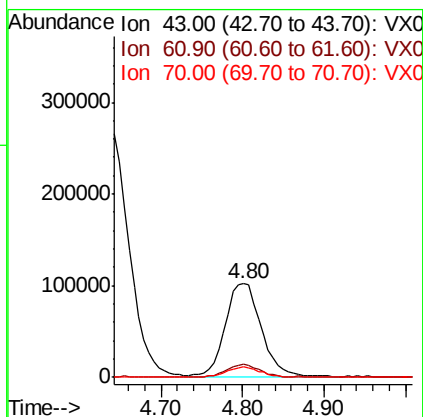
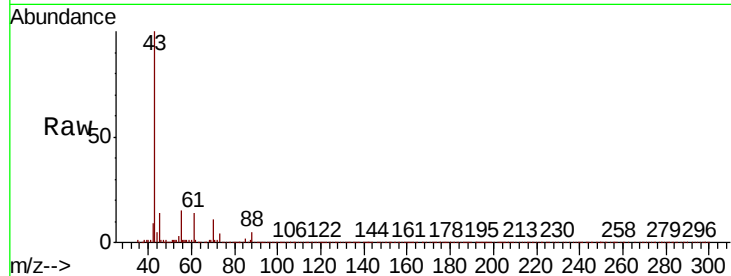




#37
Ethyl Acetate
Concen: 17.655 ug/l
RT: 4.80 min Scan# 642
Delta R.T. 0.00 min
Lab File: VX015743.D
Acq: 17 Apr 2020 17:09

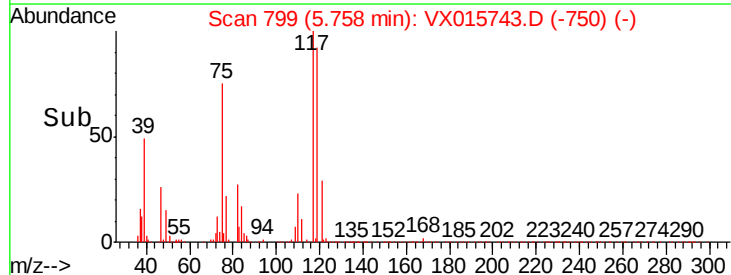
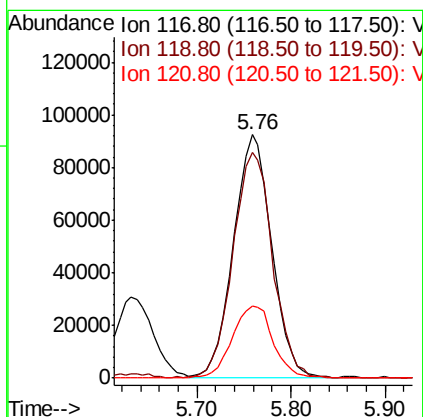
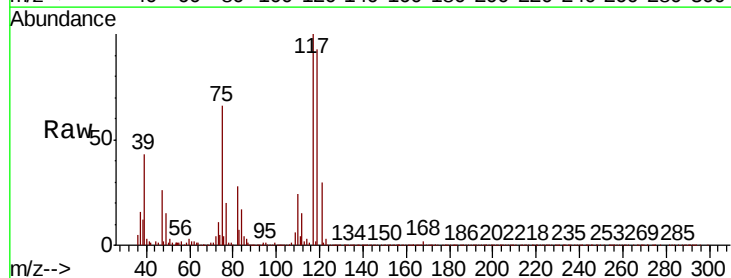
Instrument :
MSVOA_X
ClientSampleId :

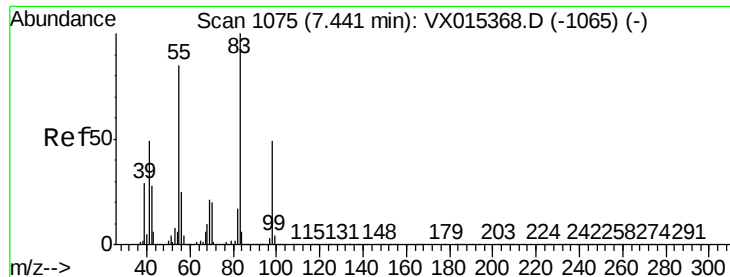
Tot Ion	Ratio	Lower	Upper
43	100		
61	12.2	9.9	14.9
70	10.4	8.1	12.1



#38
Carbon Tetrachloride
Concen: 17.944 ug/l
RT: 5.76 min Scan# 799
Delta R.T. 0.00 min
Lab File: VX015743.D
Acq: 17 Apr 2020 17:09

Tgt Ion	Ratio	Lower	Upper
117	100		
119	92.7	78.0	117.0
121	29.3	23.8	35.8

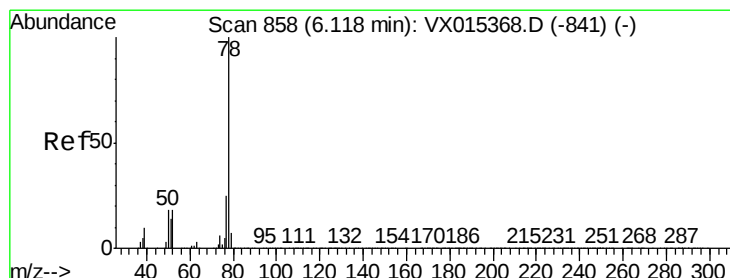
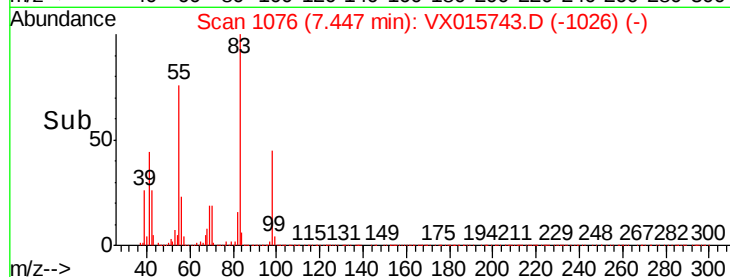
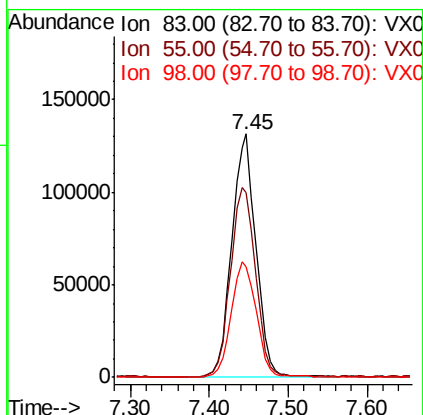
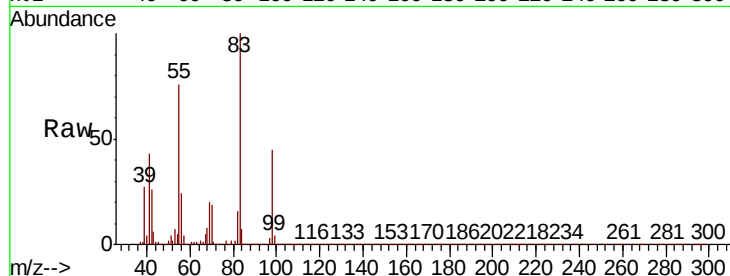




#39
Methvlcvclohexane
Concen: 18.024 ug/l
RT: 7.45 min Scan# 1076
Delta R.T. 0.01 min
Lab File: VX015743.D
Acq: 17 Apr 2020 17:09

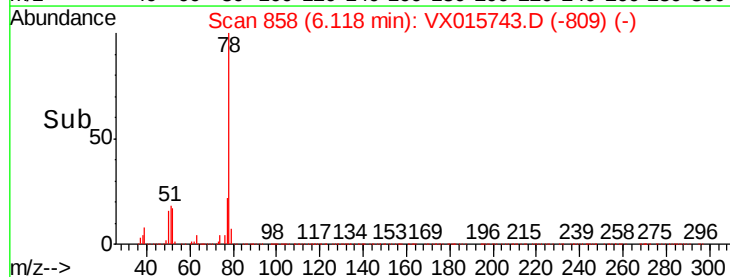
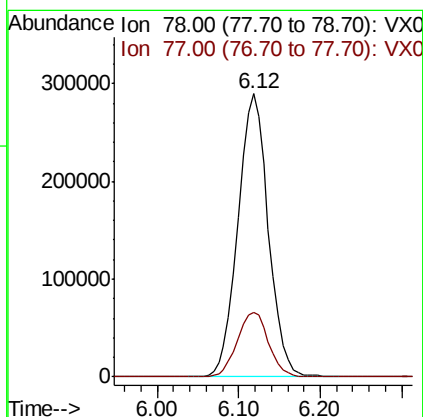
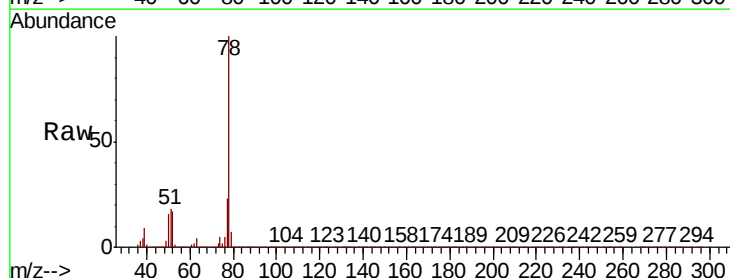
Instrument :
MSVOA_X
ClientSampleId :

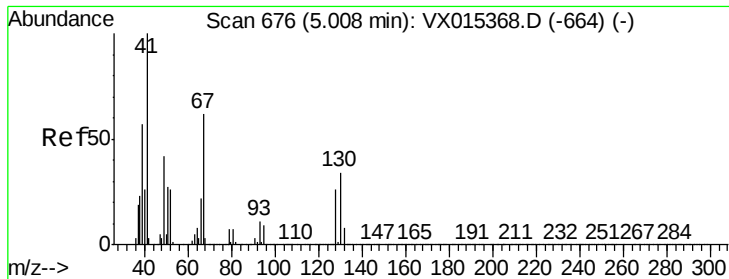
Tot Ion	Ratio	Lower	Upper
83	100		
55	76.0	67.8	101.6
98	45.4	39.3	58.9



#40
Benzene
Concen: 18.958 ug/l
RT: 6.12 min Scan# 858
Delta R.T. 0.00 min
Lab File: VX015743.D
Acq: 17 Apr 2020 17:09

Tgt Ion	Ratio	Lower	Upper
78	100		
77	22.5	19.8	29.8

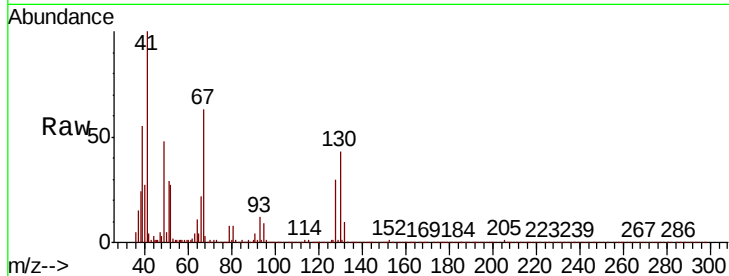




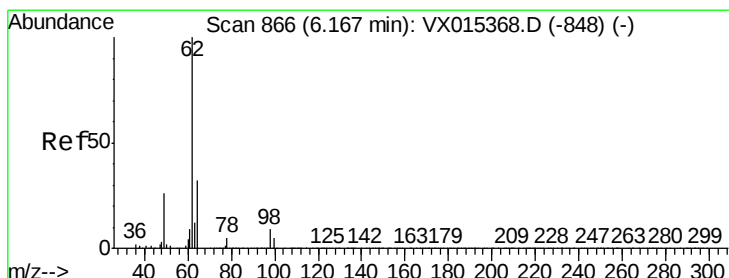
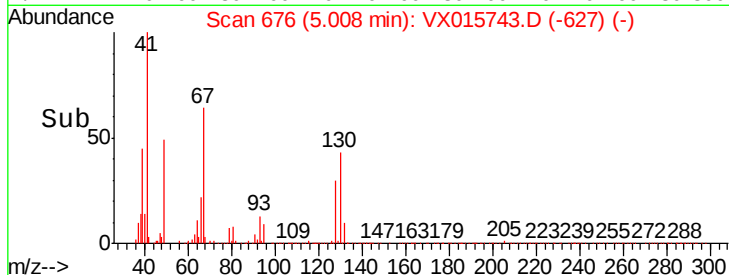
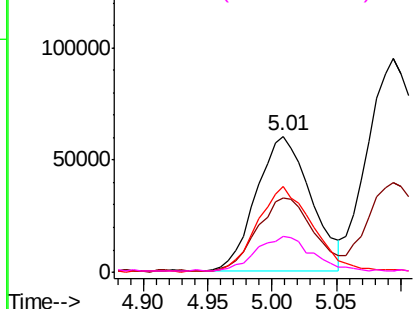
#41
Methacrylonitrile
Concen: 18.302 ug/l
RT: 5.01 min Scan# 676
Delta R.T. 0.00 min
Lab File: VX015743.D
Acq: 17 Apr 2020 17:09

Instrument :
MSVOA_X
ClientSampled :

Tot Ion:	41	Resp:	177547
Ion	Ratio	Lower	Upper
41	100		
39	55.7	44.5	66.7
67	63.4	48.9	73.3
52	26.7	21.8	32.6

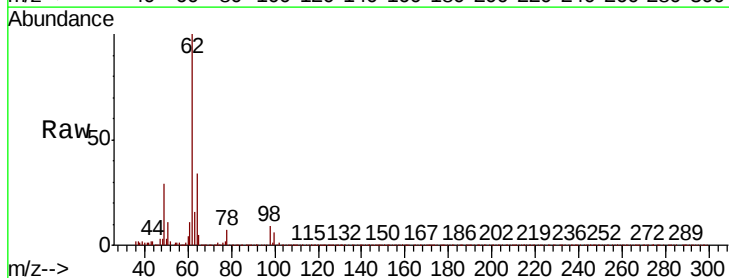


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

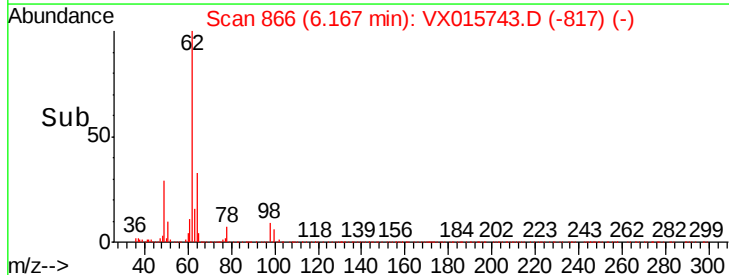
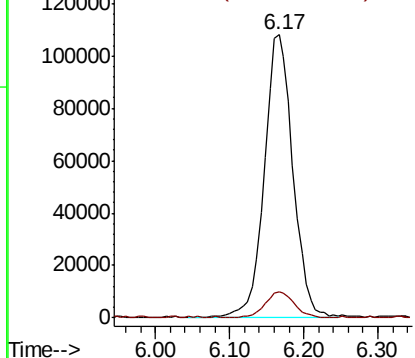


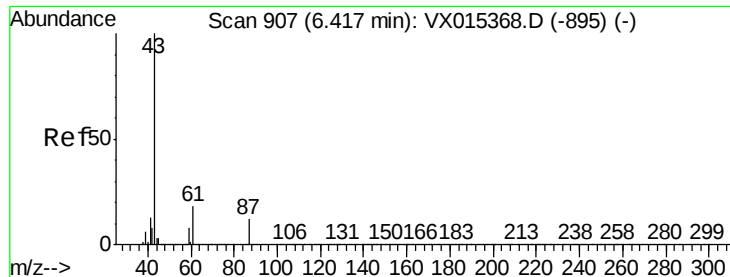
#42
1,2-Dichloroethane
Concen: 18.361 ug/l
RT: 6.17 min Scan# 866
Delta R.T. 0.00 min
Lab File: VX015743.D
Acq: 17 Apr 2020 17:09

Tgt Ion:	62	Resp:	289956
Ion	Ratio	Lower	Upper
62	100		
98	9.0	0.0	17.6



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



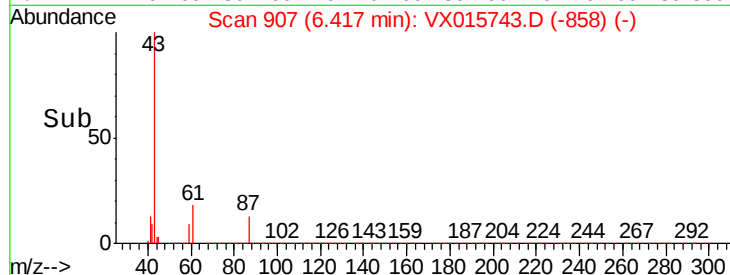
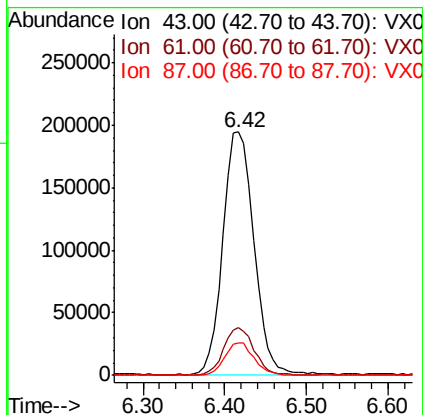
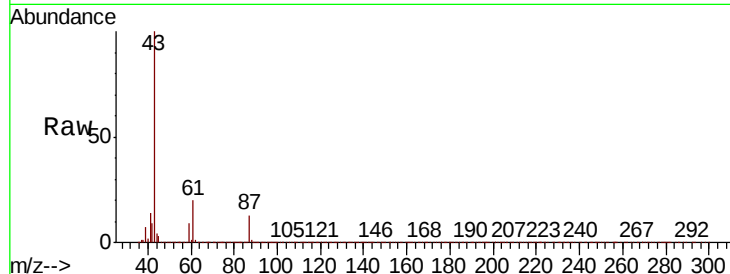


#43

Isopropyl Acetate
 Concen: 17.303 ug/l
 RT: 6.42 min Scan# 907
 Delta R.T. 0.00 min
 Lab File: VX015743.D
 Acq: 17 Apr 2020 17:09

Instrument :
 MSVOA_X
 ClientSampled :

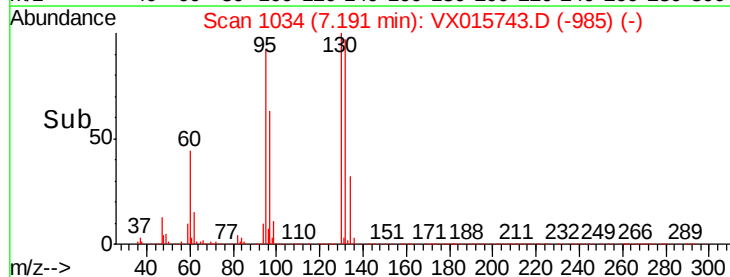
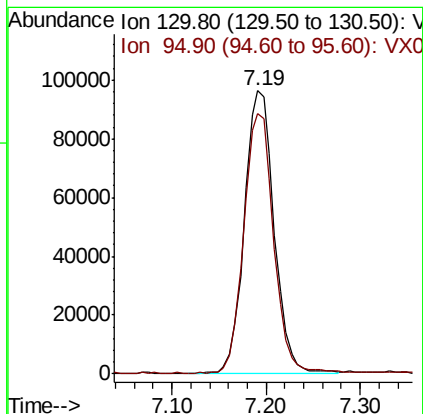
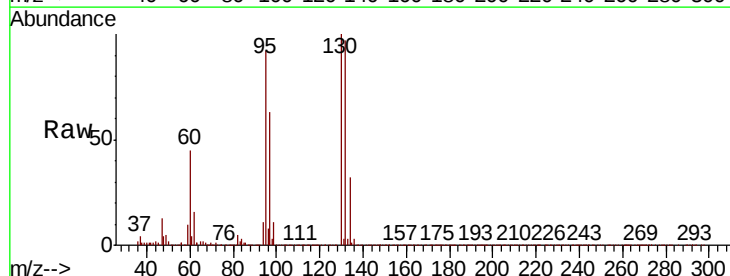
Tot Ion	Ratio	Lower	Upper
43	100		
61	19.0	14.8	22.2
87	12.7	9.4	14.0

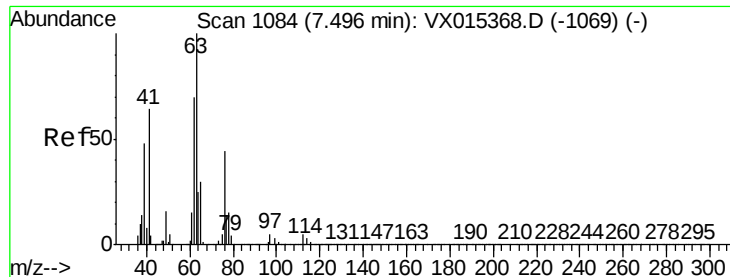


#44

Trichloroethene
 Concen: 19.752 ug/l
 RT: 7.19 min Scan# 1034
 Delta R.T. 0.00 min
 Lab File: VX015743.D
 Acq: 17 Apr 2020 17:09

Tgt Ion	Ratio	Lower	Upper
130	100		
95	92.2	0.0	199.0

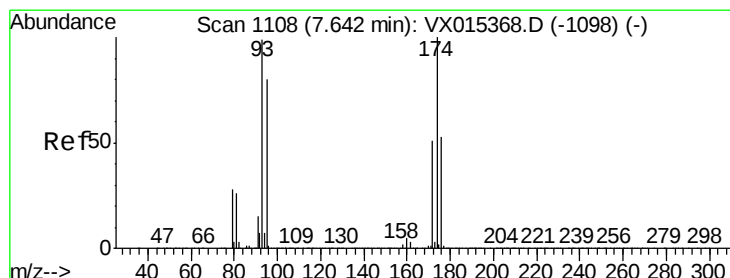
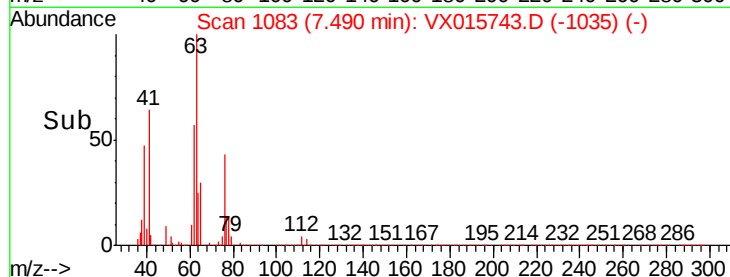
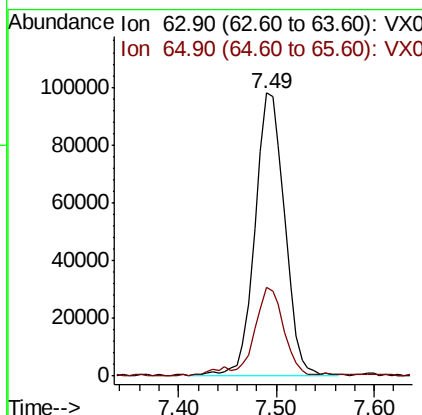
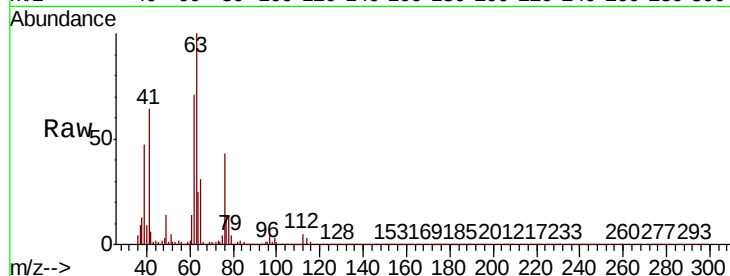




#45
 1,2-Dichloropropane
 Concen: 18.995 ug/l
 RT: 7.49 min Scan# 1083
 Delta R.T. -0.01 min
 Lab File: VX015743.D
 Acq: 17 Apr 2020 17:09

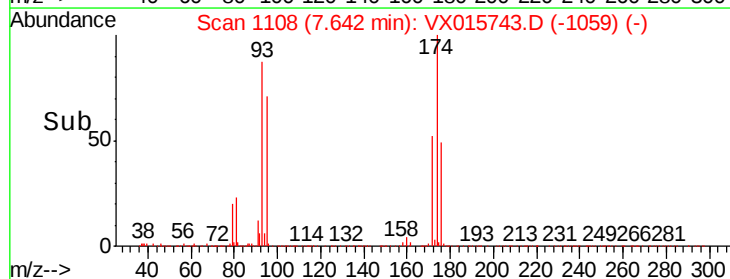
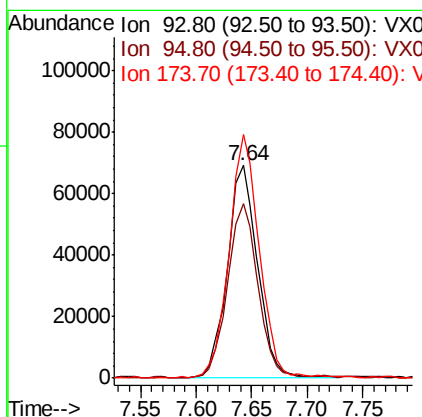
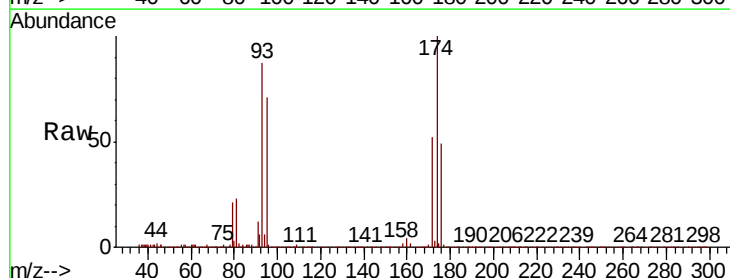
Instrument :
 MSVOA_X
 ClientSampled :

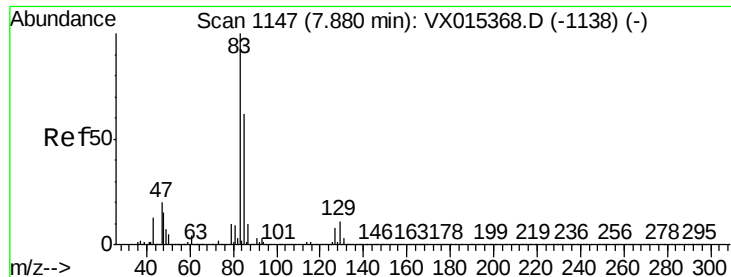
Tot Ion: 63 Resp: 204290
 Ion Ratio Lower Upper
 63 100
 65 31.1 23.9 35.9



#46
 Dibromomethane
 Concen: 18.217 ug/l
 RT: 7.64 min Scan# 1108
 Delta R.T. 0.00 min
 Lab File: VX015743.D
 Acq: 17 Apr 2020 17:09

Tgt Ion: 93 Resp: 128521
 Ion Ratio Lower Upper
 93 100
 95 82.7 65.8 98.8
 174 115.0 86.2 129.2





#47

Bromodichloromethane

Concen: 18.045 ug/l

RT: 7.88 min Scan# 1147

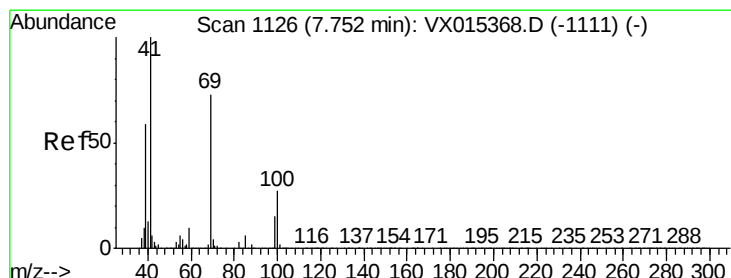
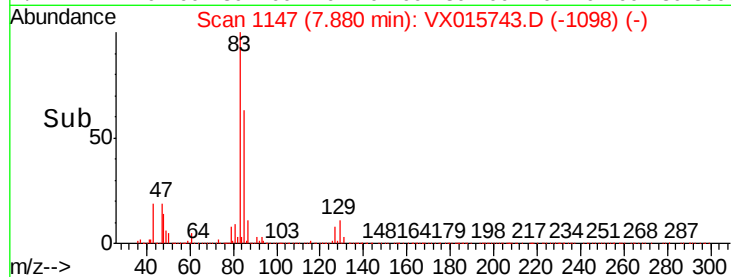
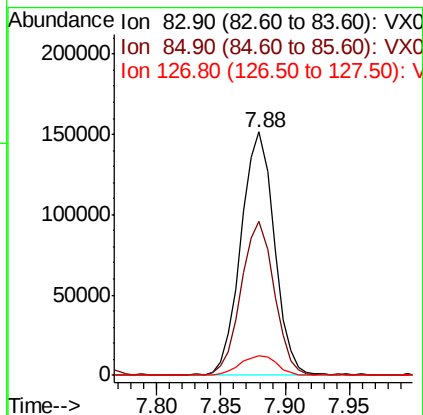
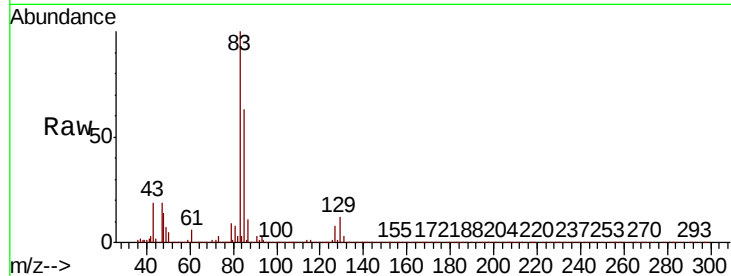
Delta R.T. 0.00 min

Lab File: VX015743.D

Acq: 17 Apr 2020 17:09

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:	83	Resp:	271265
Ion	Ratio	Lower	Upper
83	100		
85	63.5	49.7	74.5
127	8.1	6.7	10.1



#48

Methyl methacrylate

Concen: 17.516 ug/l

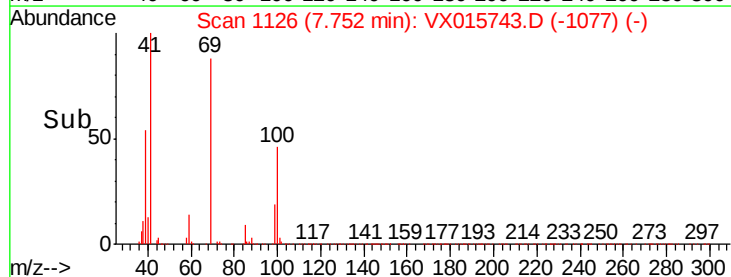
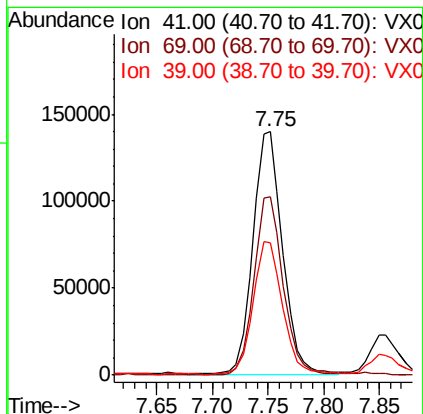
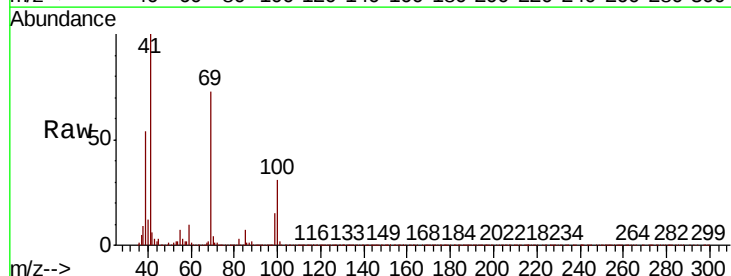
RT: 7.75 min Scan# 1126

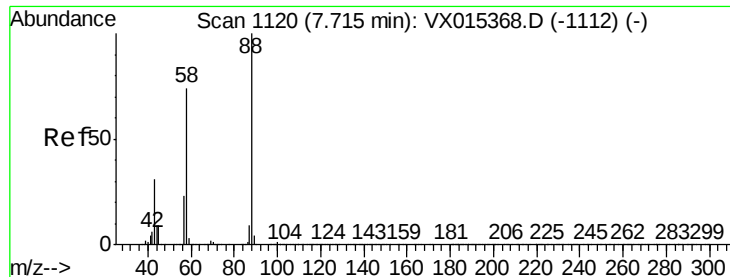
Delta R.T. 0.00 min

Lab File: VX015743.D

Acq: 17 Apr 2020 17:09

Tgt Ion:	41	Resp:	258108
Ion	Ratio	Lower	Upper
41	100		
69	72.4	56.7	85.1
39	54.4	46.5	69.7

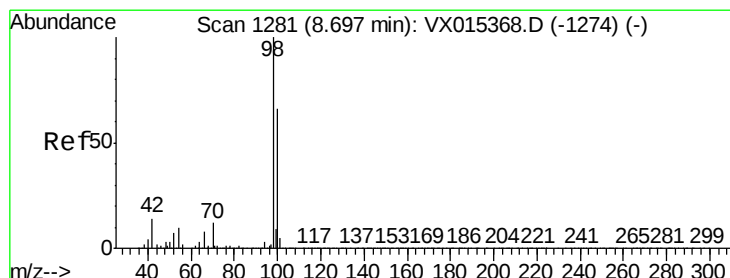
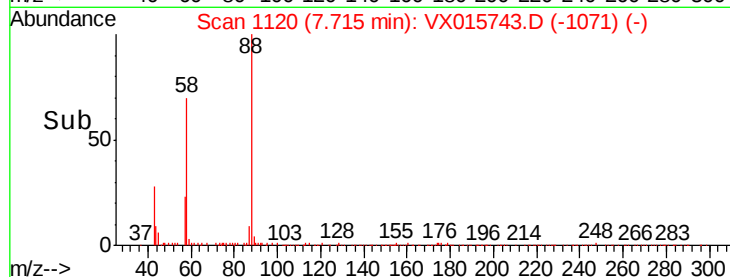
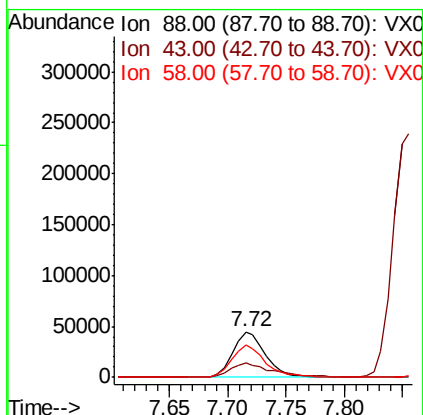
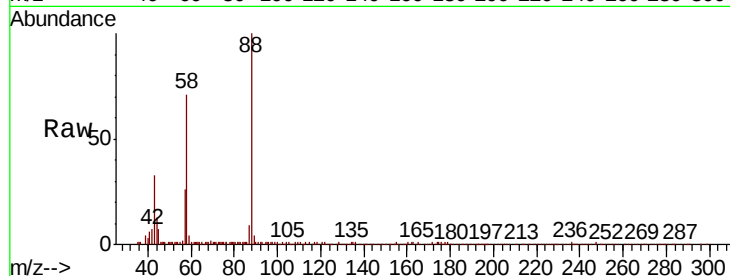




#49
1,4-Dioxane
Concen: 305.744 ug/l
RT: 7.72 min Scan# 1120
Delta R.T. 0.00 min
Lab File: VX015743.D
Acq: 17 Apr 2020 17:09

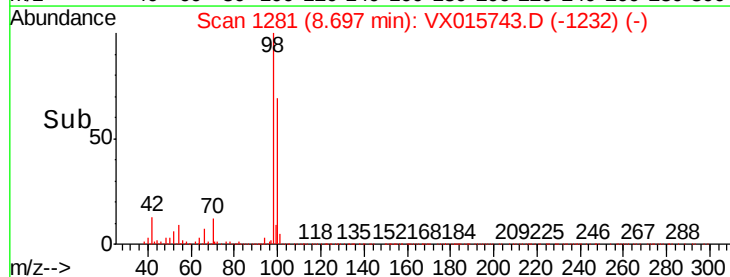
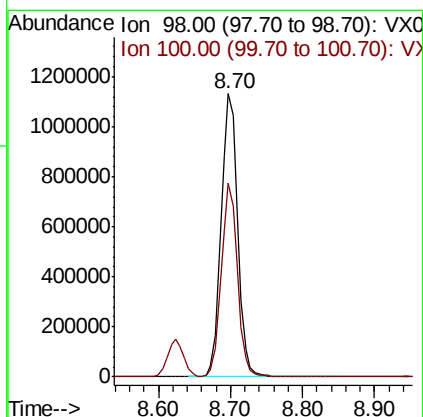
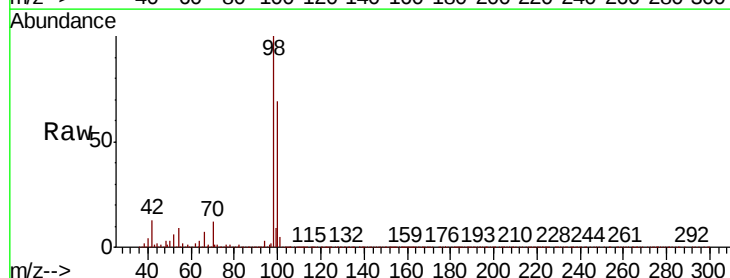
Instrument :
MSVOA_X
ClientSampleId :

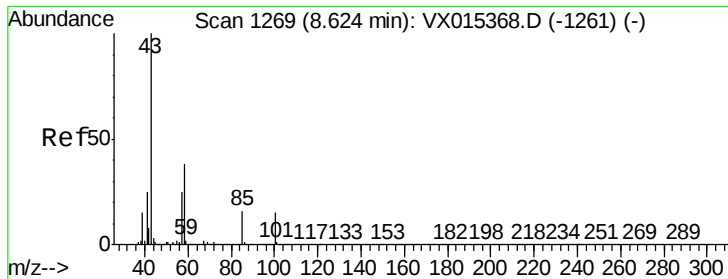
Tot Ion: 88 Resp: 84044
Ion Ratio Lower Upper
88 100
43 38.9 30.1 45.1
58 74.1 60.6 90.8



#50
Toluene-d8
Concen: 52.530 ug/l
RT: 8.70 min Scan# 1281
Delta R.T. 0.00 min
Lab File: VX015743.D
Acq: 17 Apr 2020 17:09

Tgt Ion: 98 Resp: 1800820
Ion Ratio Lower Upper
98 100
100 66.8 53.5 80.3





#51

4-Methyl-2-Pentanone

Concen: 92.779 ug/l

RT: 8.62 min Scan# 1269

Delta R.T. 0.00 min

Lab File: VX015743.D

Acq: 17 Apr 2020 17:09

Instrument :

MSVOA_X

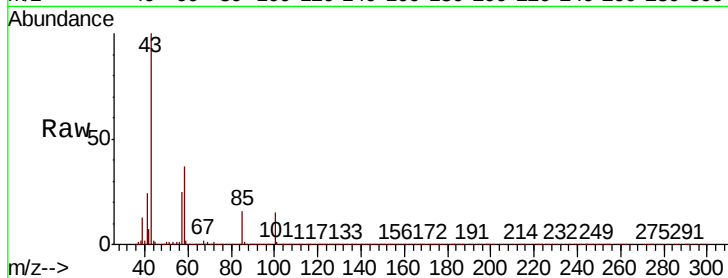
ClientSampleId :

Tot Ion: 43 Resp: 1551129

Ion Ratio Lower Upper

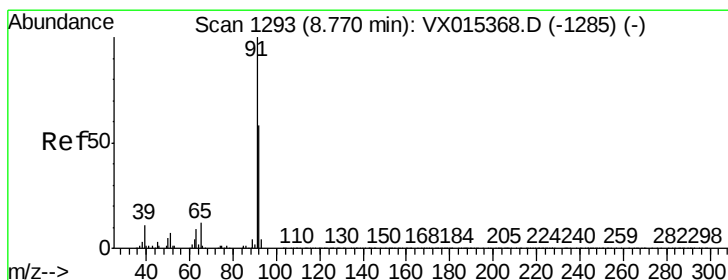
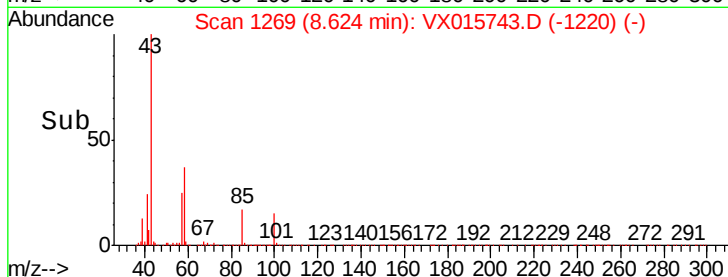
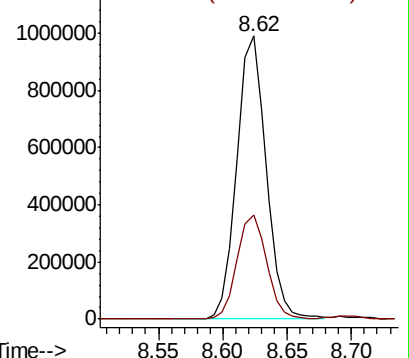
43 100

58 37.3 29.7 44.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 19.422 ug/l

RT: 8.77 min Scan# 1293

Delta R.T. 0.00 min

Lab File: VX015743.D

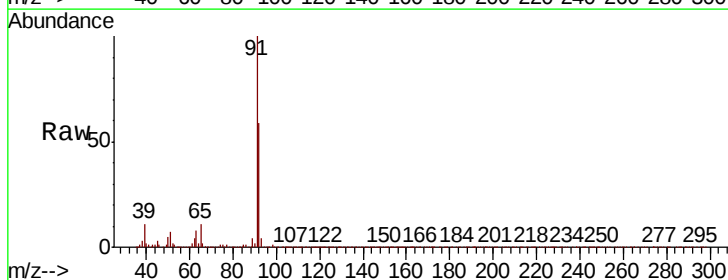
Acq: 17 Apr 2020 17:09

Tgt Ion: 92 Resp: 470751

Ion Ratio Lower Upper

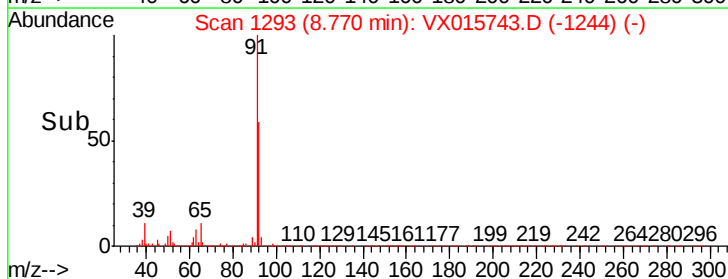
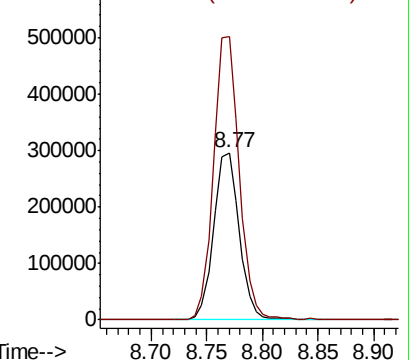
92 100

91 170.0 136.6 205.0



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0





#53

t-1,3-Dichloropropene

Concen: 17.269 ug/l

RT: 9.03 min Scan# 1335

Delta R.T. 0.00 min

Lab File: VX015743.D

Acq: 17 Apr 2020 17:09

Instrument :

MSVOA_X

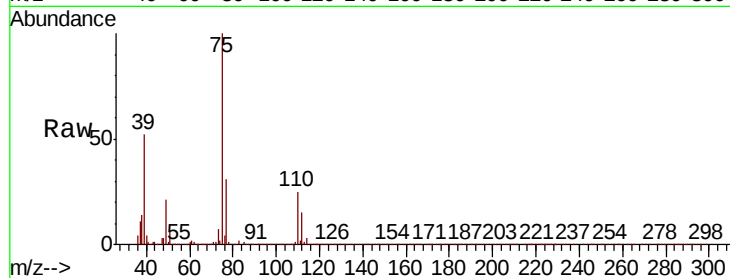
ClientSampleId :

Tot Ion: 75 Resp: 304466

Ion Ratio Lower Upper

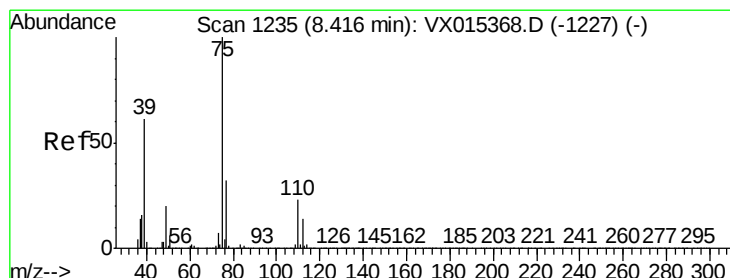
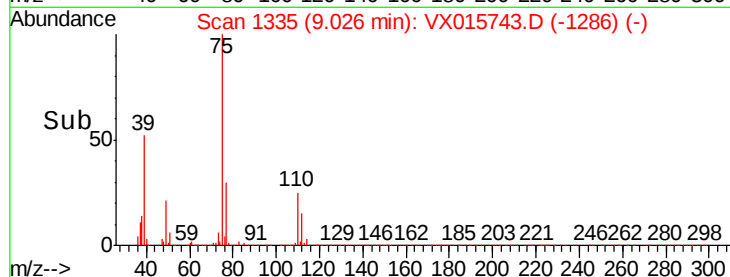
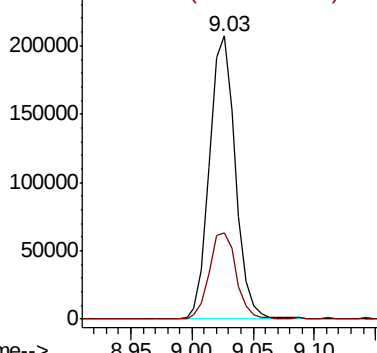
75 100

77 30.4 24.1 36.1



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0



#54

cis-1,3-Dichloropropene

Concen: 17.630 ug/l

RT: 8.42 min Scan# 1235

Delta R.T. 0.00 min

Lab File: VX015743.D

Acq: 17 Apr 2020 17:09

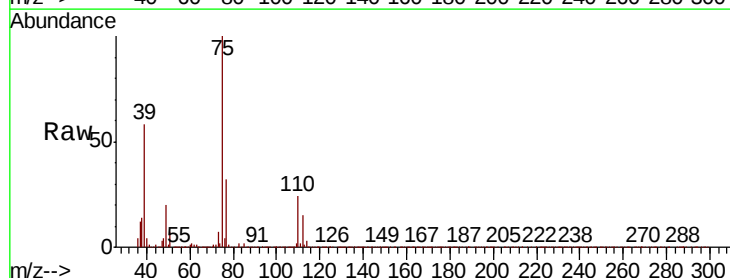
Tgt Ion: 75 Resp: 316627

Ion Ratio Lower Upper

75 100

77 31.7 25.8 38.6

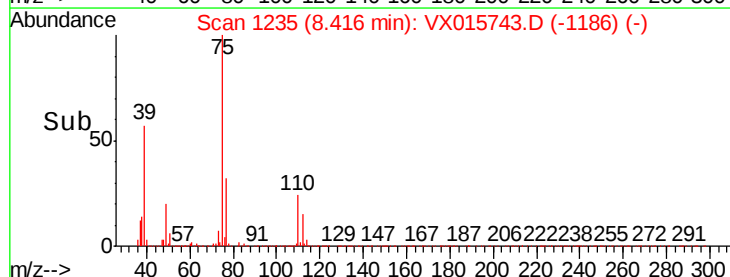
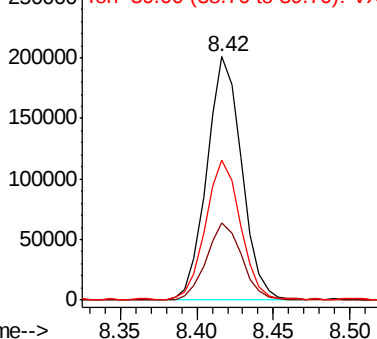
39 57.5 49.0 73.4

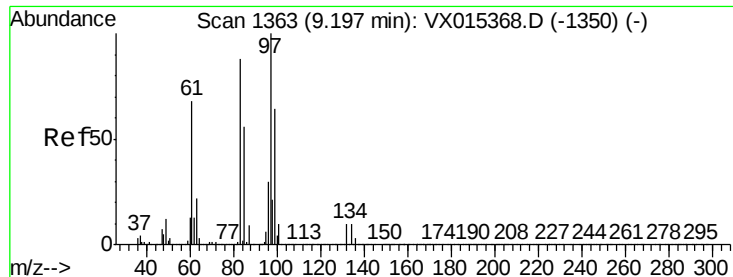


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

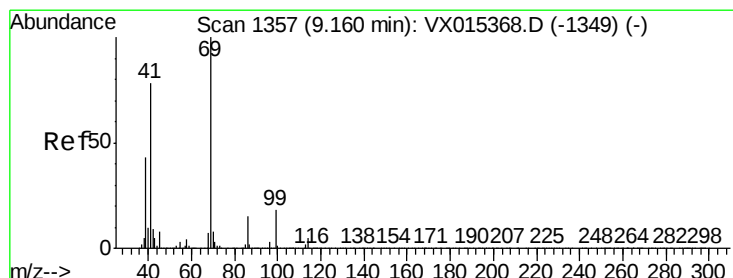
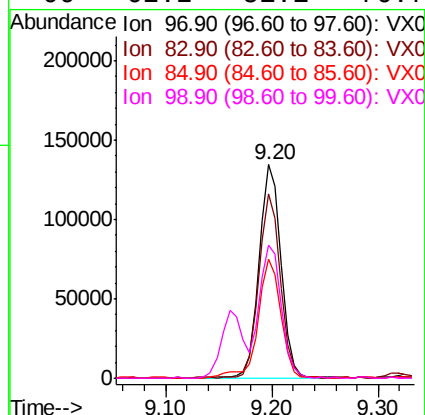
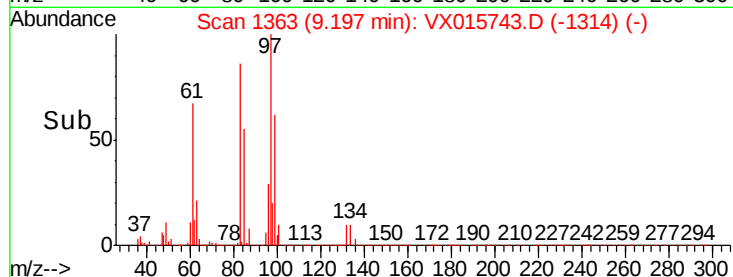
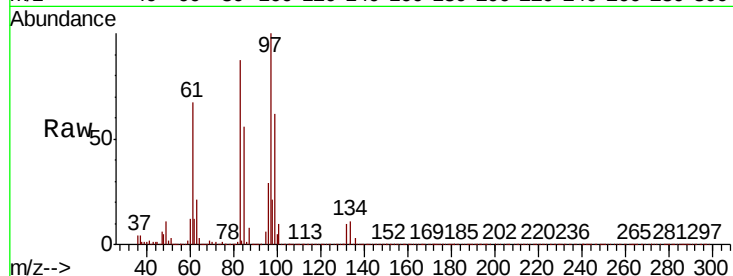




#55
 1,1,2-Trichloroethane
 Concen: 19.686 ug/l
 RT: 9.20 min Scan# 1363
 Delta R.T. 0.00 min
 Lab File: VX015743.D
 Acq: 17 Apr 2020 17:09

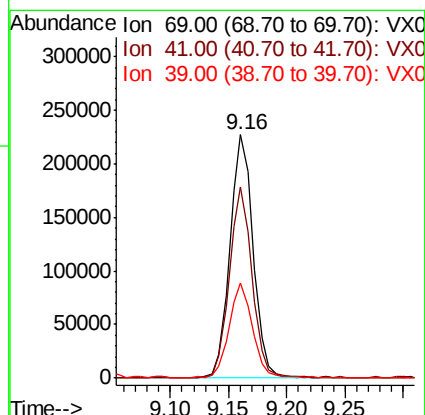
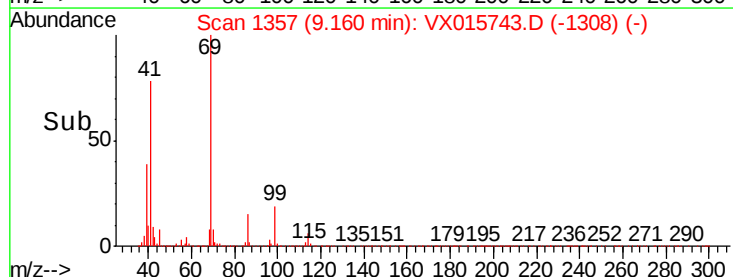
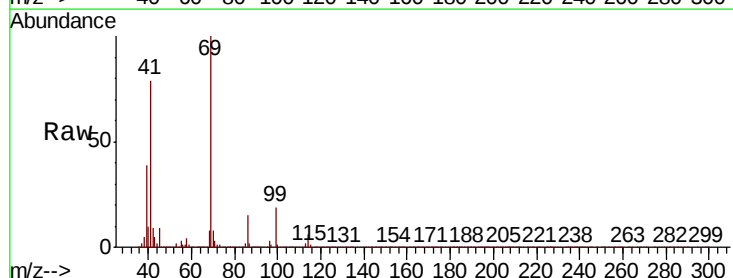
Instrument :
 MSVOA_X
 ClientSampleId :

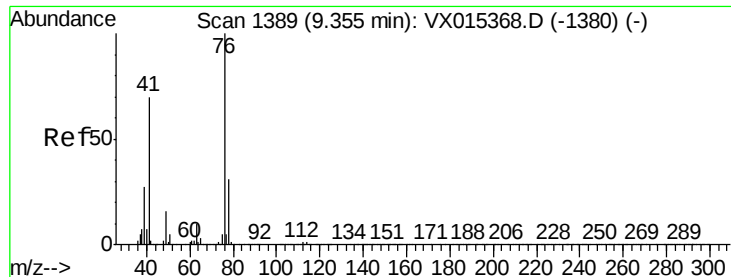
Tot Ion:	97	Resp:	195492
Ion	Ratio	Lower	Upper
97	100		
83	86.3	70.2	105.4
85	55.7	44.7	67.1
99	62.2	51.1	76.7



#56
 Ethyl methacrylate
 Concen: 17.921 ug/l
 RT: 9.16 min Scan# 1357
 Delta R.T. 0.00 min
 Lab File: VX015743.D
 Acq: 17 Apr 2020 17:09

Tgt Ion:	69	Resp:	313648
Ion	Ratio	Lower	Upper
69	100		
41	76.5	61.6	92.4
39	38.9	34.0	51.0





#57

1,3-Dichloropropane

Concen: 18.990 ug/l

RT: 9.36 min Scan# 1389

Delta R.T. 0.00 min

Lab File: VX015743.D

Acq: 17 Apr 2020 17:09

Instrument :

MSVOA_X

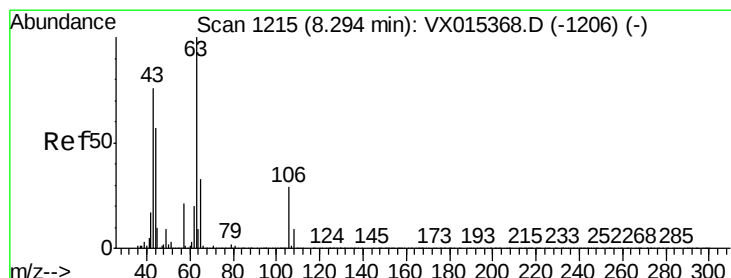
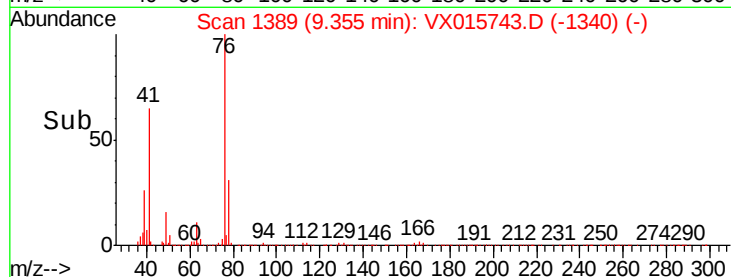
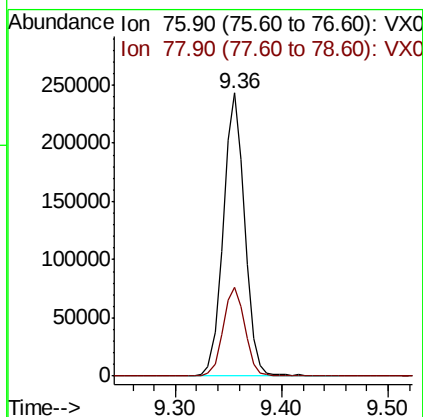
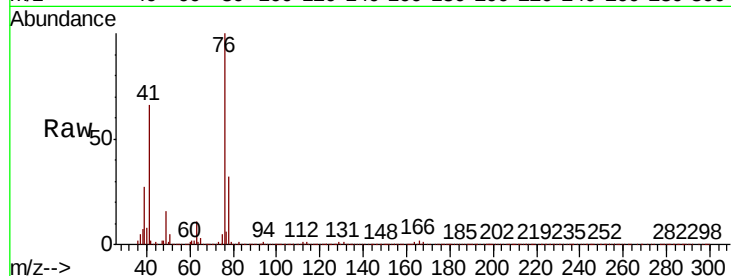
ClientSampleId :

Tot Ion: 76 Resp: 339764

Ion Ratio Lower Upper

76 100

78 32.6 25.8 38.8



#58

2-Chloroethyl Vinyl ether

Concen: 91.983 ug/l

RT: 8.29 min Scan# 1215

Delta R.T. 0.00 min

Lab File: VX015743.D

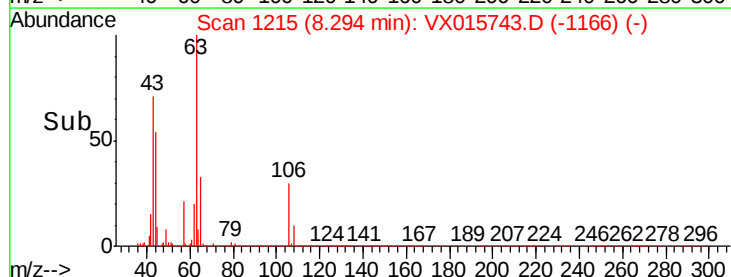
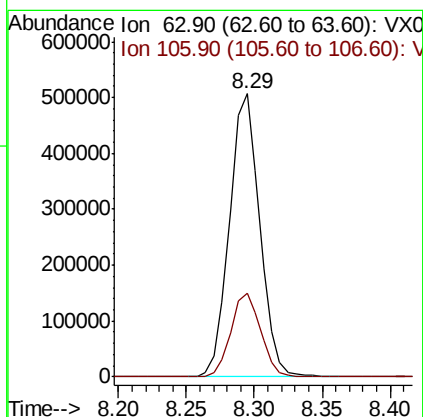
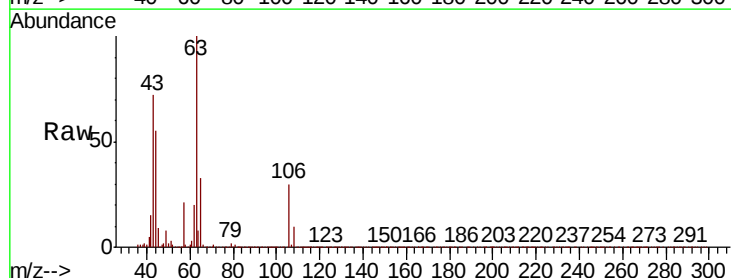
Acq: 17 Apr 2020 17:09

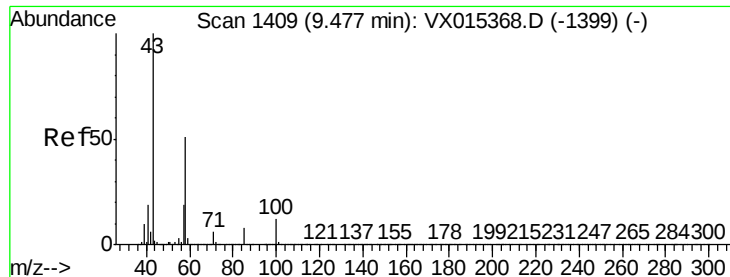
Tgt Ion: 63 Resp: 783033

Ion Ratio Lower Upper

63 100

106 29.4 22.7 34.1

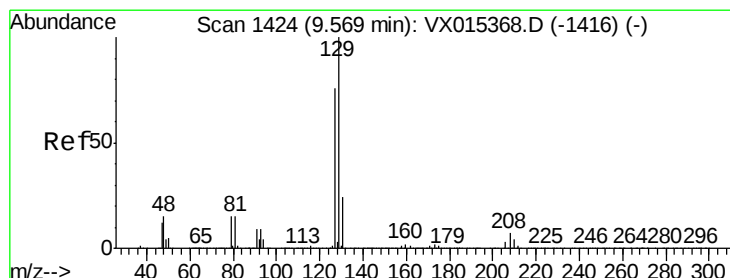
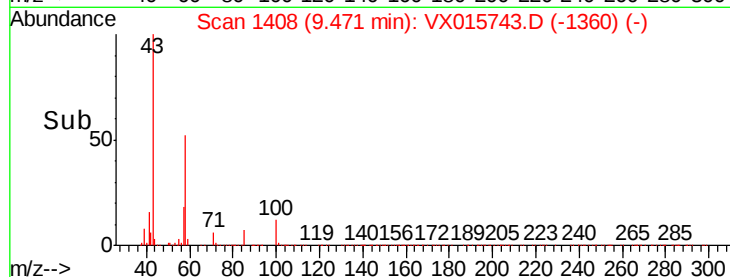
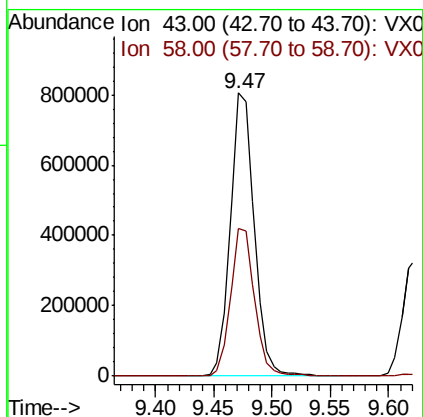
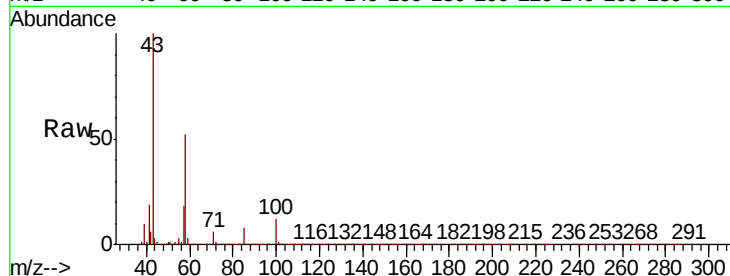




#59
2-Hexanone
Concen: 91.170 ug/l
RT: 9.47 min Scan# 1408
Delta R.T. -0.01 min
Lab File: VX015743.D
Acq: 17 Apr 2020 17:09

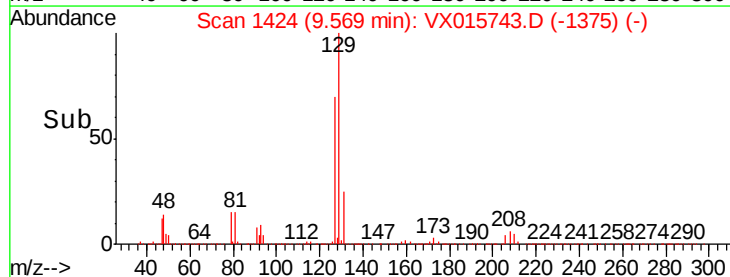
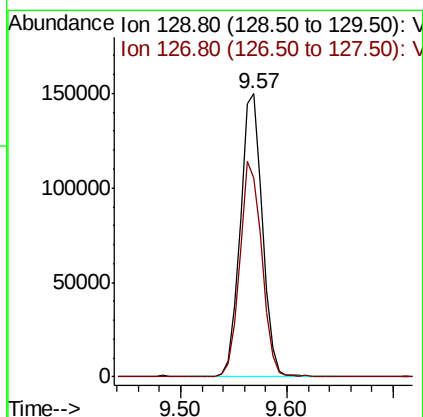
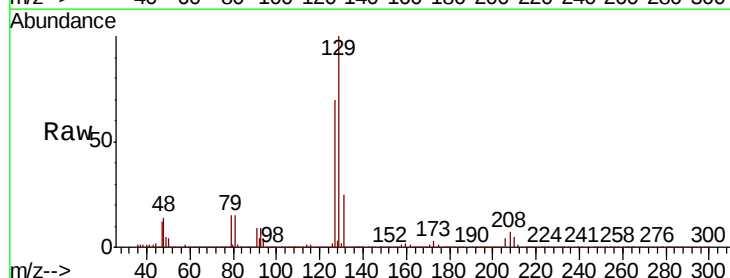
Instrument :
MSVOA_X
ClientSampled :

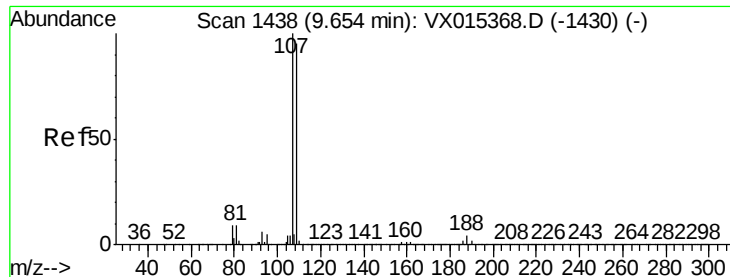
Tot Ion: 43 Resp: 1150759
Ion Ratio Lower Upper
43 100
58 52.8 25.6 76.6



#60
Dibromochloromethane
Concen: 18.299 ug/l
RT: 9.57 min Scan# 1424
Delta R.T. 0.00 min
Lab File: VX015743.D
Acq: 17 Apr 2020 17:09

Tgt Ion:129 Resp: 218366
Ion Ratio Lower Upper
129 100
127 75.4 38.2 114.6





#61

1,2-Dibromoethane

Concen: 18.765 ug/l

RT: 9.65 min Scan# 1438

Delta R.T. 0.00 min

Lab File: VX015743.D

Acq: 17 Apr 2020 17:09

Instrument :

MSVOA_X

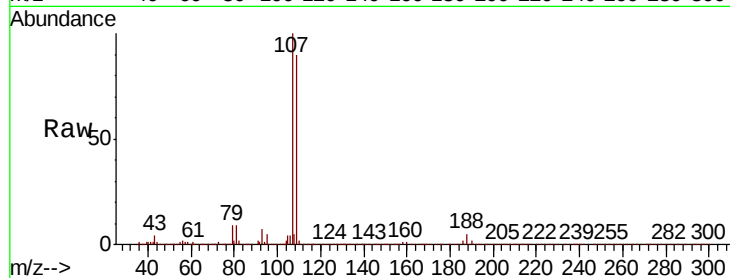
ClientSampleId :

Tot Ion: 107 Resp: 202623

Ion Ratio Lower Upper

107 100

109 95.9 74.8 112.2



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.65

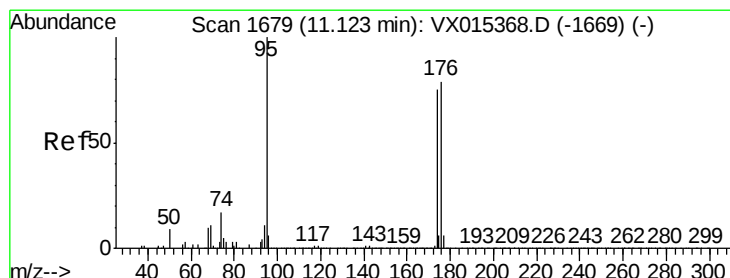
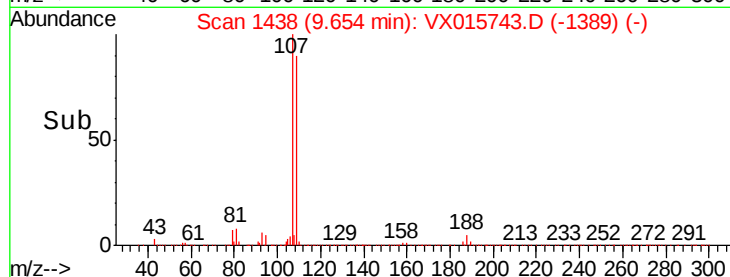
150000

100000

50000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 52.281 ug/l

RT: 11.12 min Scan# 1679

Delta R.T. 0.00 min

Lab File: VX015743.D

Acq: 17 Apr 2020 17:09

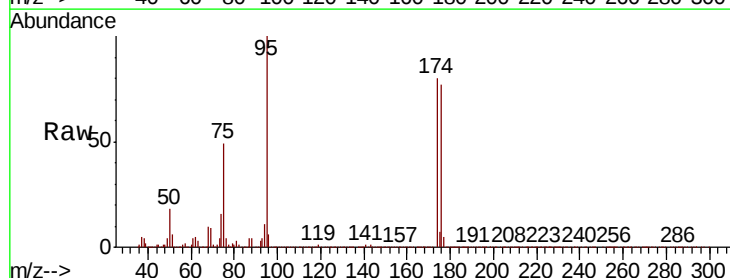
Tgt Ion: 95 Resp: 728381

Ion Ratio Lower Upper

95 100

174 81.8 0.0 158.6

176 81.6 0.0 159.0



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

800000

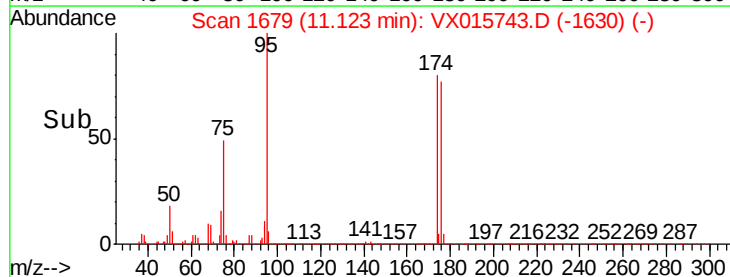
600000

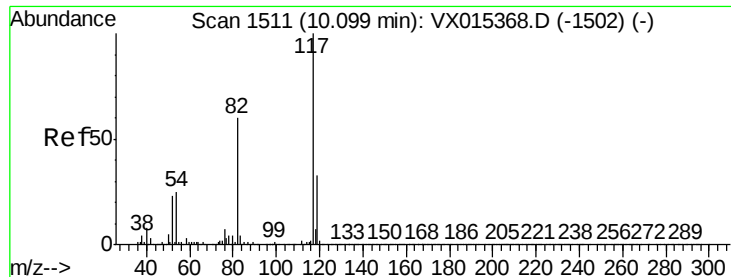
400000

200000

0

Time-->

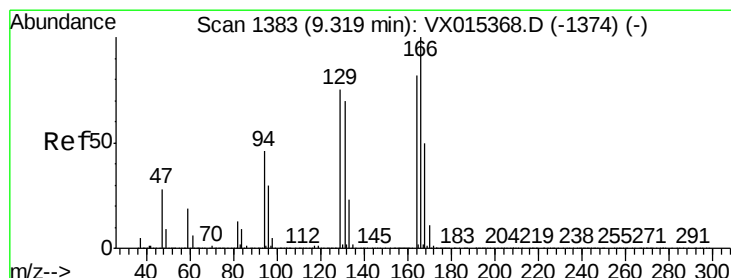
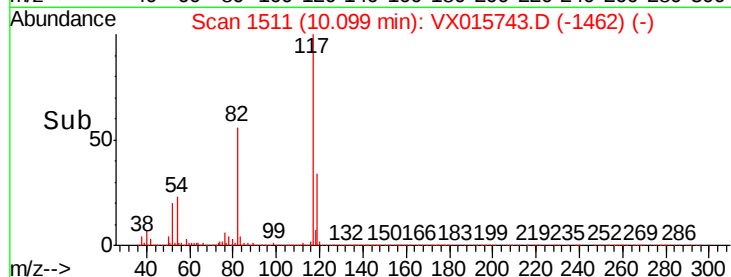
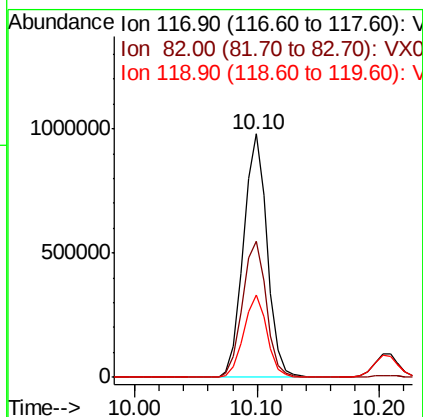
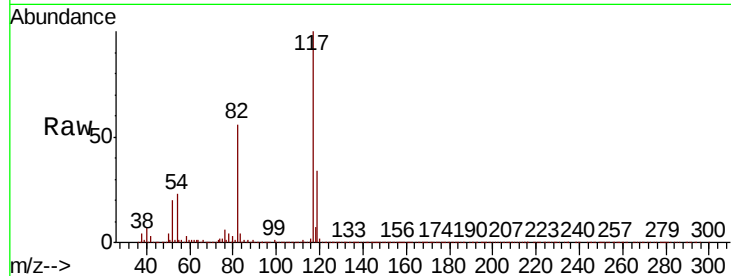




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1511
Delta R.T. 0.00 min
Lab File: VX015743.D
Acq: 17 Apr 2020 17:09

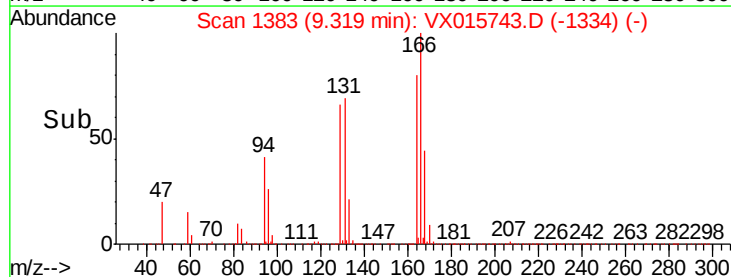
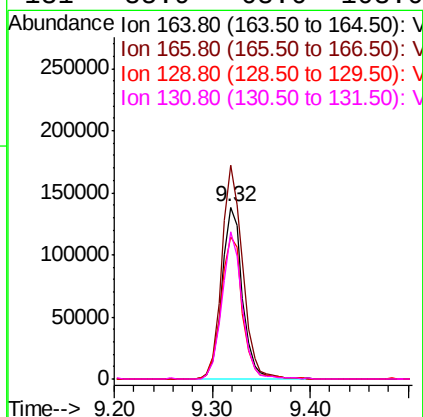
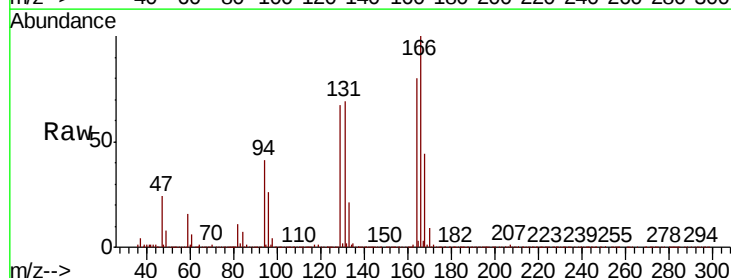
Instrument :
MSVOA_X
ClientSampleId :

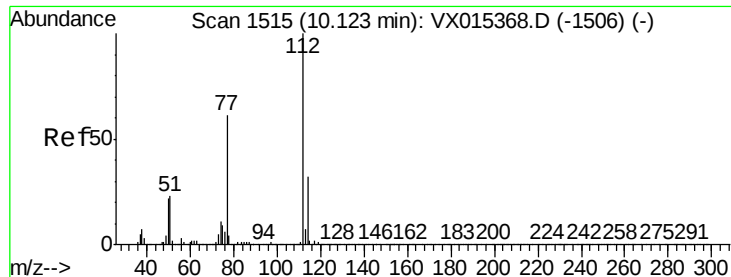
Tot Ion:117 Resp: 1311977
Ion Ratio Lower Upper
117 100
82 56.0 47.8 71.8
119 33.6 26.8 40.2



#64
Tetrachloroethene
Concen: 20.191 ug/l
RT: 9.32 min Scan# 1383
Delta R.T. 0.00 min
Lab File: VX015743.D
Acq: 17 Apr 2020 17:09

Tgt Ion:164 Resp: 199913
Ion Ratio Lower Upper
164 100
166 124.3 97.8 146.6
129 82.7 73.0 109.4
131 85.9 68.6 103.0





#65

Chlorobenzene

Concen: 19.799 ug/l

RT: 10.12 min Scan# 1515

Delta R.T. 0.00 min

Lab File: VX015743.D

Acq: 17 Apr 2020 17:09

Instrument :

MSVOA_X

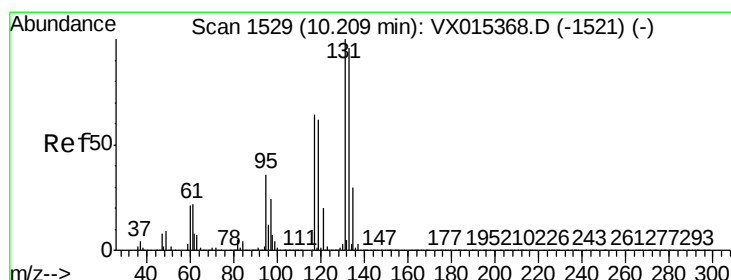
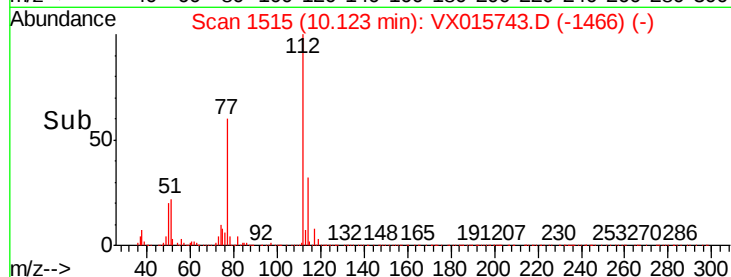
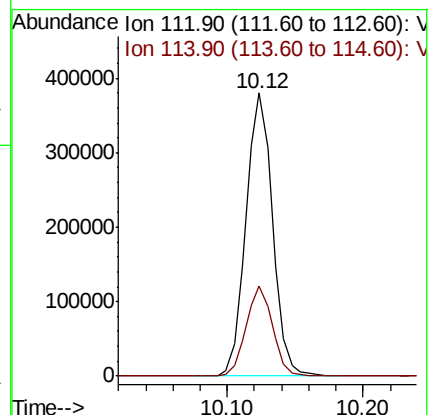
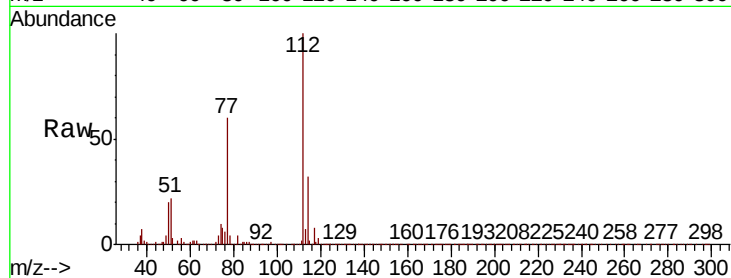
ClientSampleId :

Tot Ion:112 Resp: 518045

Ion Ratio Lower Upper

112 100

114 31.8 25.5 38.3



#66

1,1,1,2-Tetrachloroethane

Concen: 18.953 ug/l

RT: 10.21 min Scan# 1529

Delta R.T. 0.00 min

Lab File: VX015743.D

Acq: 17 Apr 2020 17:09

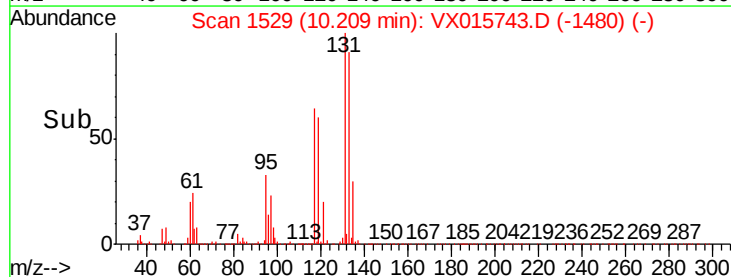
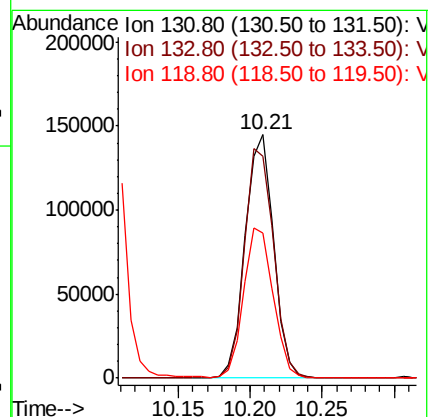
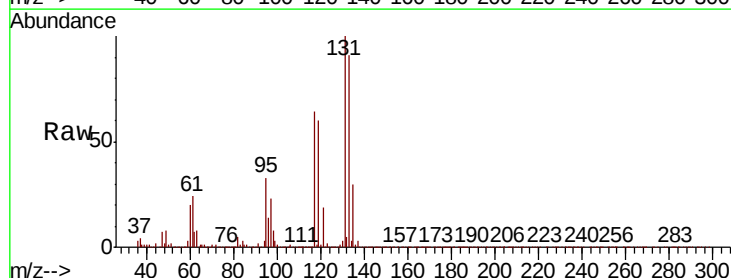
Tgt Ion:131 Resp: 198112

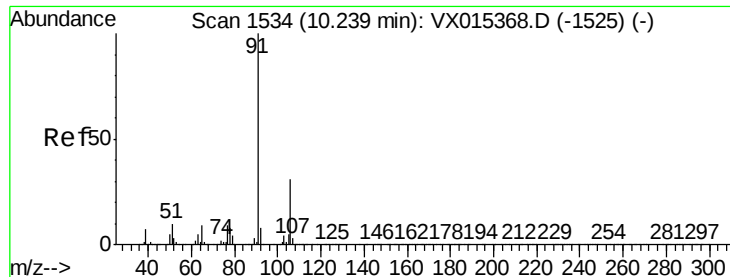
Ion Ratio Lower Upper

131 100

133 97.0 47.6 142.9

119 63.8 31.1 93.3





#67

Ethyl Benzene

Concen: 19.905 ug/l

RT: 10.24 min Scan# 1534

Delta R.T. 0.00 min

Lab File: VX015743.D

Acq: 17 Apr 2020 17:09

Instrument :

MSVOA_X

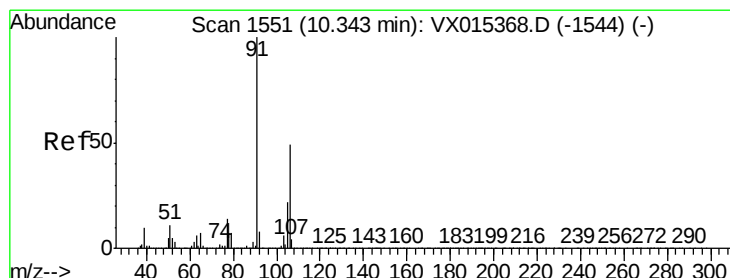
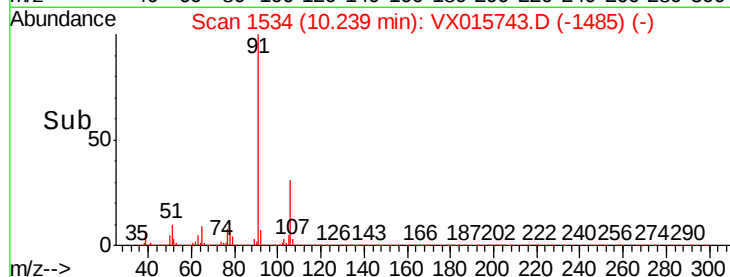
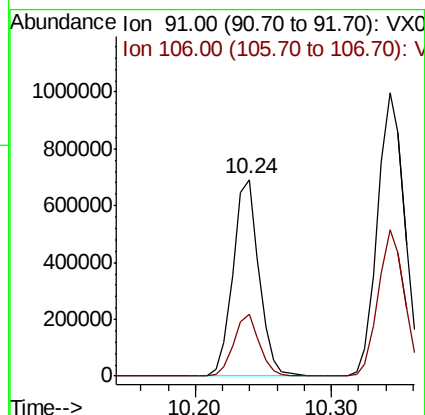
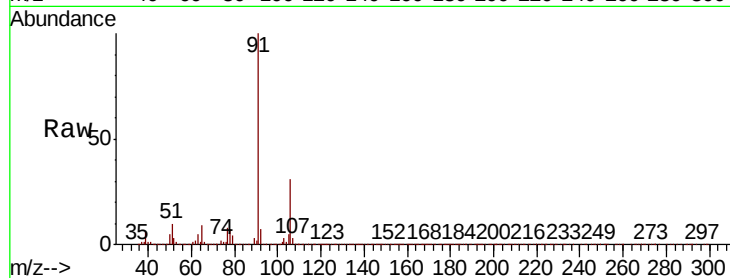
ClientSampleId :

Tot Ion: 91 Resp: 923695

Ion Ratio Lower Upper

91 100

106 31.4 24.8 37.2



#68

m/p-Xylenes

Concen: 40.503 ug/l

RT: 10.34 min Scan# 1551

Delta R.T. 0.00 min

Lab File: VX015743.D

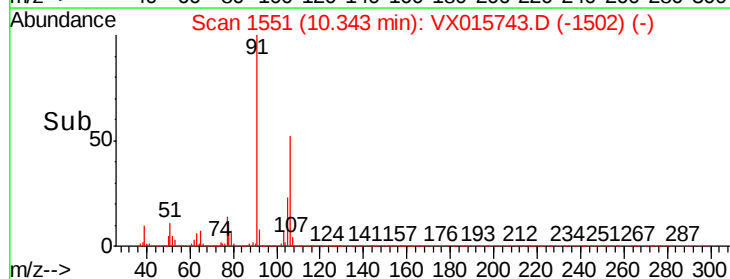
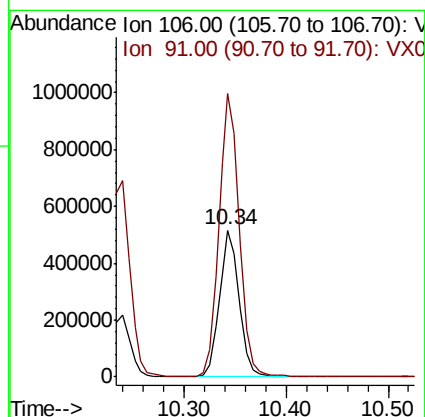
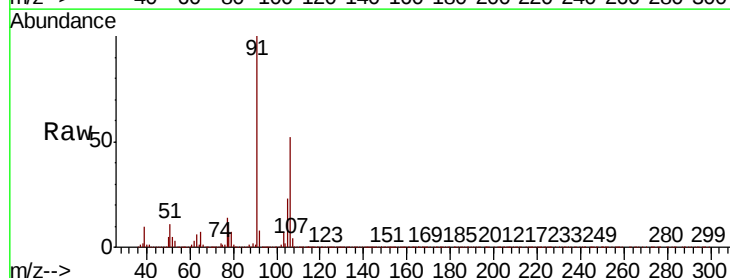
Acq: 17 Apr 2020 17:09

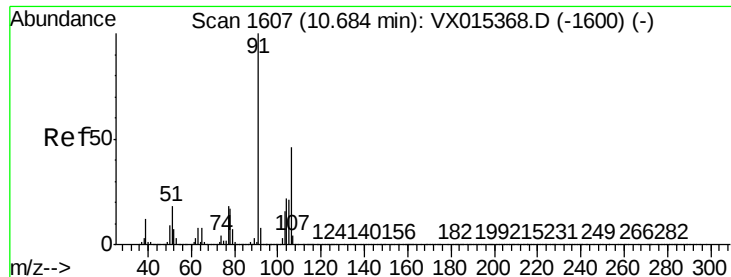
Tgt Ion: 106 Resp: 699892

Ion Ratio Lower Upper

106 100

91 198.1 163.4 245.0

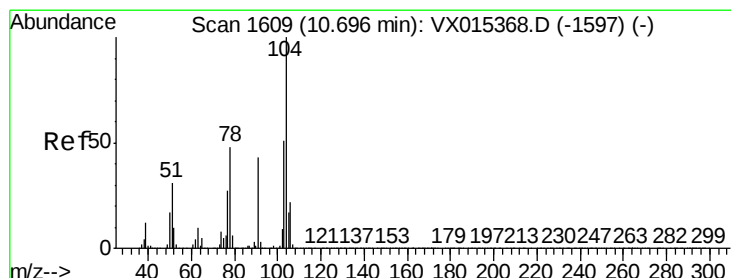
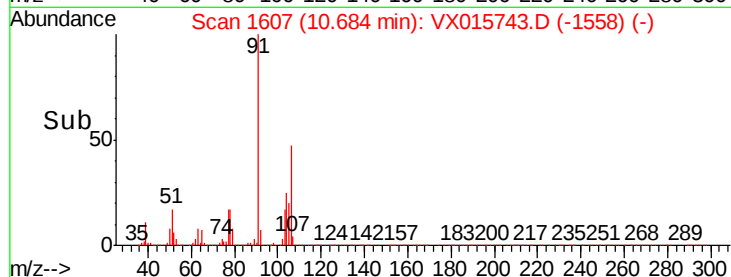
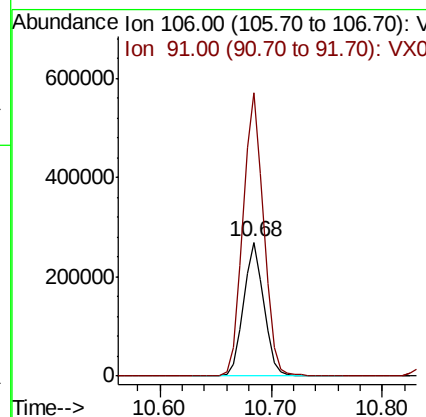
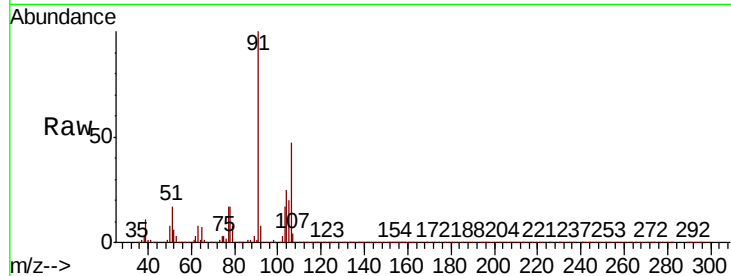




#69
o-Xylene
Concen: 19.856 ug/l
RT: 10.68 min Scan# 1607
Delta R.T. 0.00 min
Lab File: VX015743.D
Acq: 17 Apr 2020 17:09

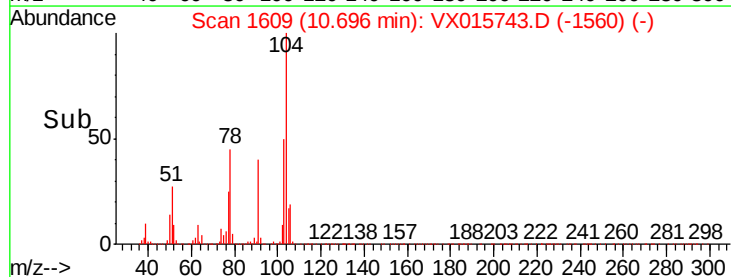
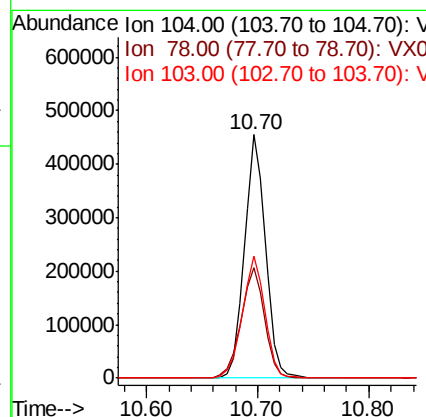
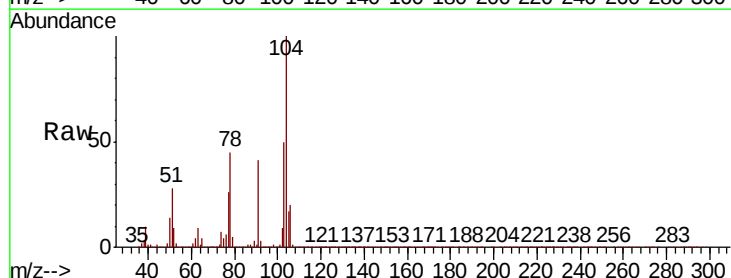
Instrument :
MSVOA_X
ClientSampleId :

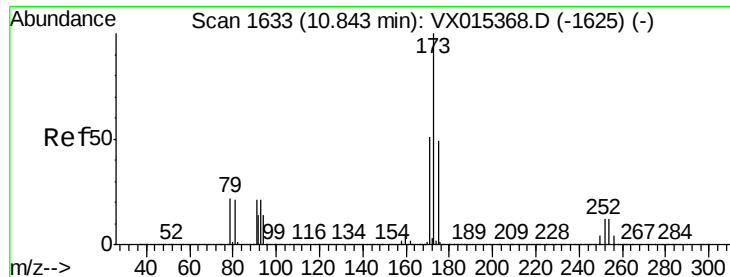
Tot Ion:106 Resp: 339045
Ion Ratio Lower Upper
106 100
91 215.4 107.1 321.3



#70
Styrene
Concen: 19.807 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX015743.D
Acq: 17 Apr 2020 17:09

Tgt Ion:104 Resp: 595147
Ion Ratio Lower Upper
104 100
78 50.0 42.0 63.0
103 54.1 43.4 65.0

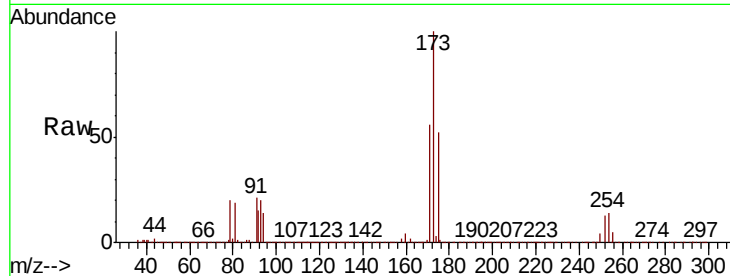




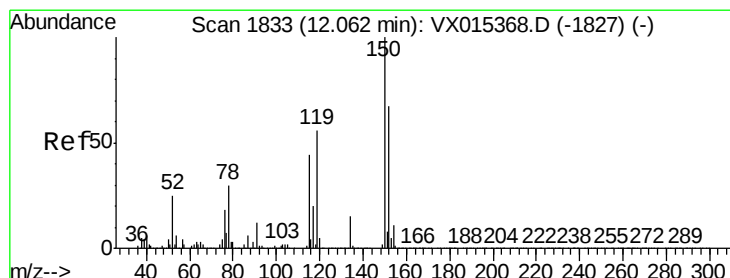
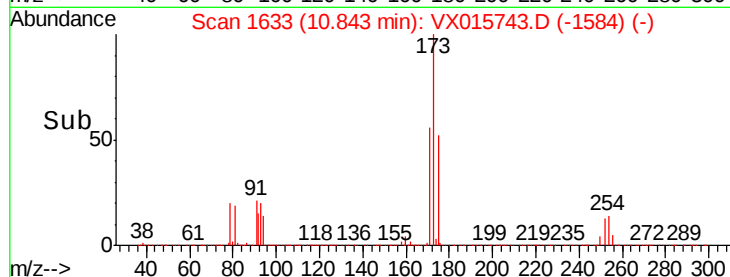
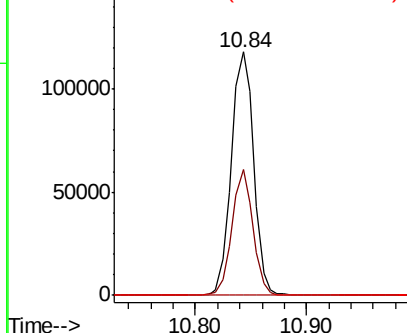
#71
Bromoform
Concen: 17.144 ug/l
RT: 10.84 min Scan# 1633
Delta R.T. 0.00 min
Lab File: VX015743.D
Acq: 17 Apr 2020 17:09

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:173 Resp: 163139
Ion Ratio Lower Upper
173 100
175 48.9 23.9 71.7
254 0.3 0.1 0.1#

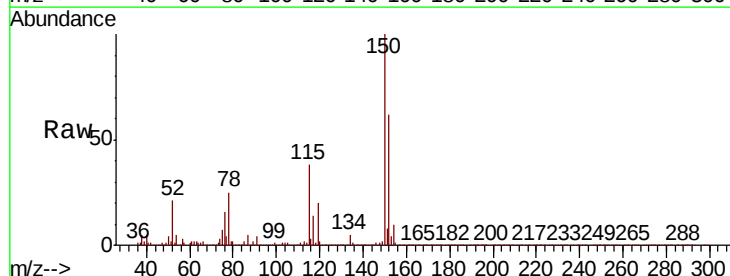


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

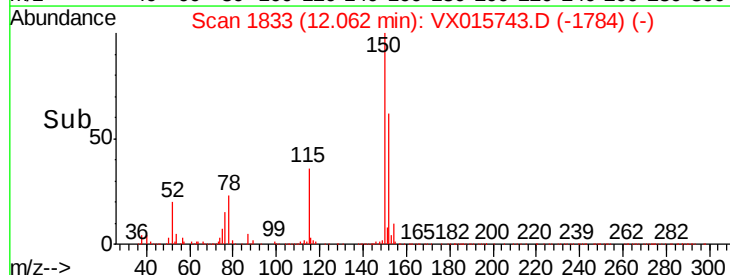
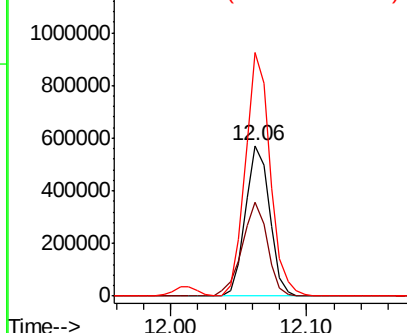


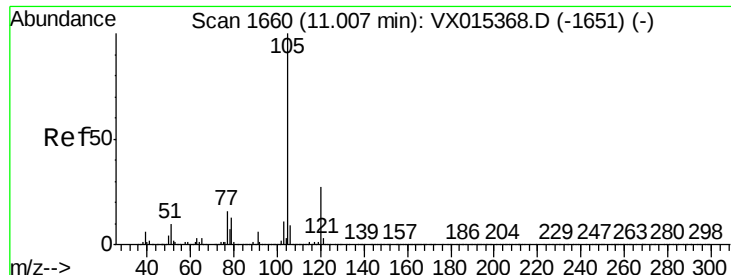
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1833
Delta R.T. 0.00 min
Lab File: VX015743.D
Acq: 17 Apr 2020 17:09

Tgt Ion:152 Resp: 712820
Ion Ratio Lower Upper
152 100
115 64.9 39.0 116.9
150 164.5 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: 19.686 ug/l

RT: 11.00 min Scan# 1659

Delta R.T. -0.01 min

Lab File: VX015743.D

Acq: 17 Apr 2020 17:09

Instrument :

MSVOA_X

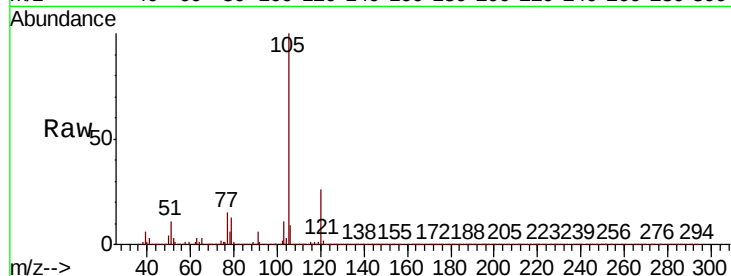
ClientSampleId :

Tot Ion:105 Resp: 919425

Ion Ratio Lower Upper

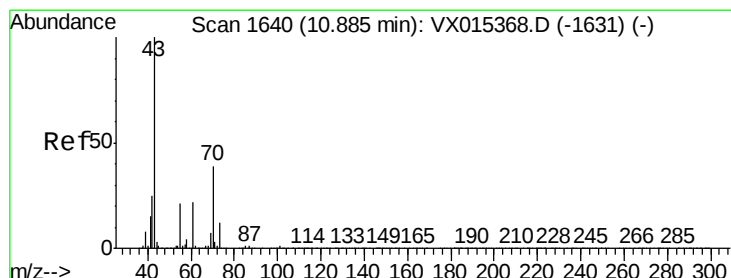
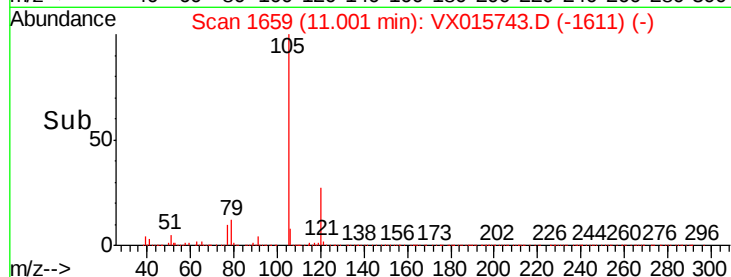
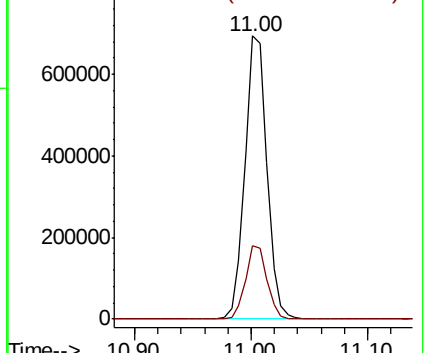
105 100

120 25.4 13.2 39.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 16.931 ug/l

RT: 10.88 min Scan# 1639

Delta R.T. -0.01 min

Lab File: VX015743.D

Acq: 17 Apr 2020 17:09

Tgt Ion: 43 Resp: 439806

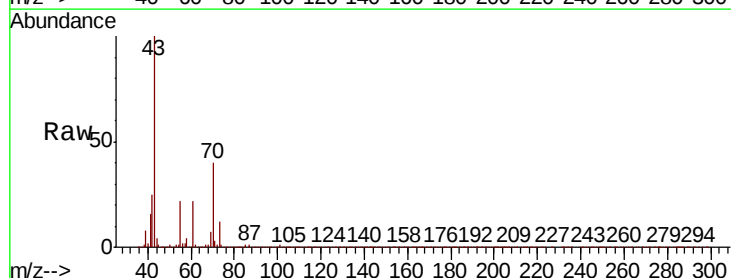
Ion Ratio Lower Upper

43 100

70 40.3 30.2 45.4

55 22.9 16.8 25.2

61 22.8 18.2 27.2

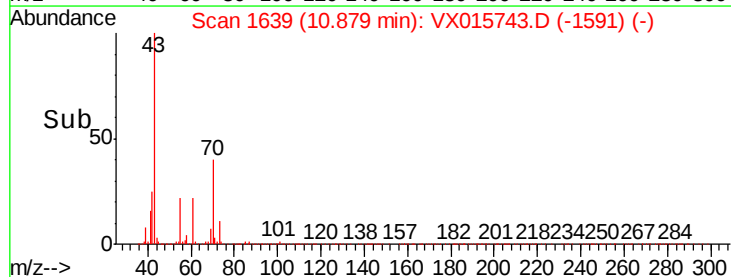
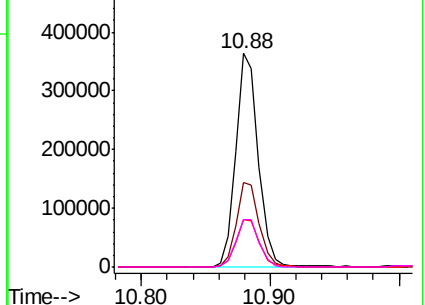


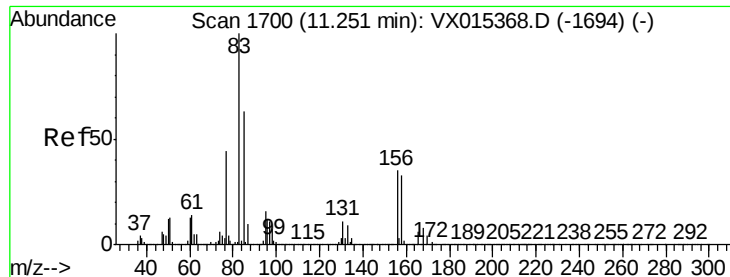
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 18.552 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX015743.D

Acq: 17 Apr 2020 17:09

Instrument :

MSVOA_X

ClientSampleId :

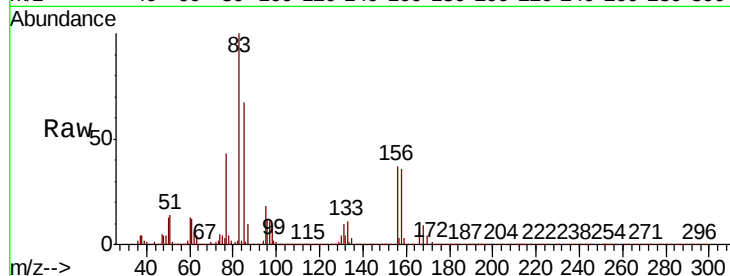
Tot Ion: 83 Resp: 297322

Ion Ratio Lower Upper

83 100

131 11.0 5.3 16.1

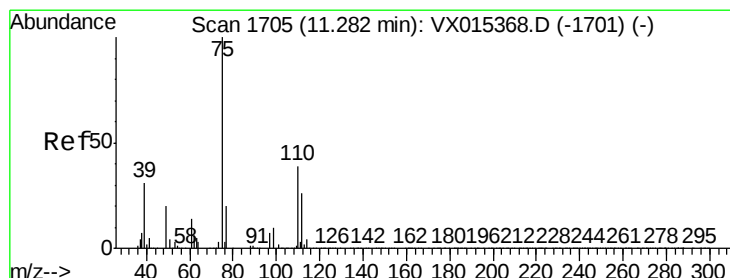
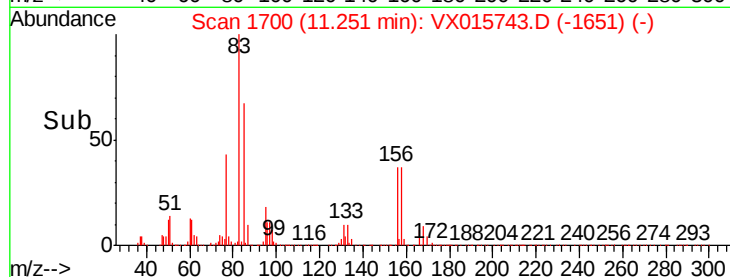
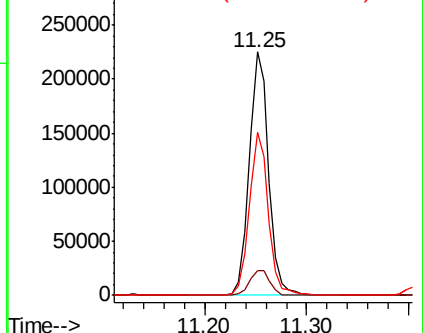
85 66.0 32.0 96.0



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 23.210 ug/l

RT: 11.28 min Scan# 1705

Delta R.T. 0.00 min

Lab File: VX015743.D

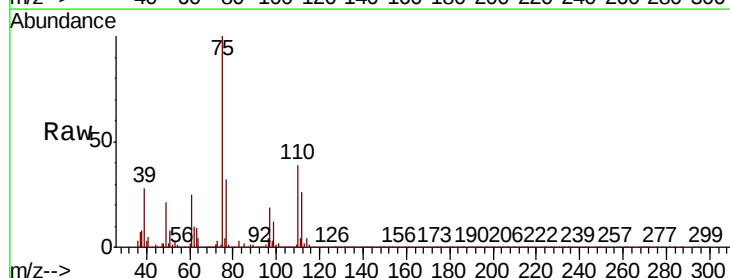
Acq: 17 Apr 2020 17:09

Tgt Ion: 75 Resp: 340222

Ion Ratio Lower Upper

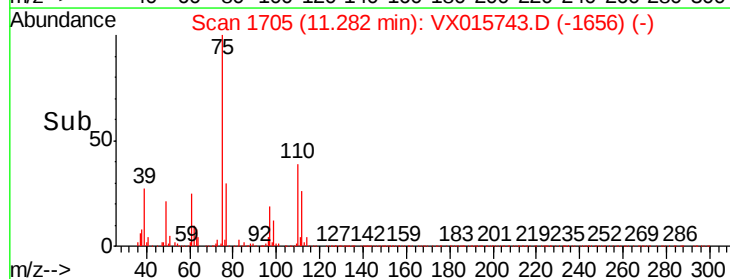
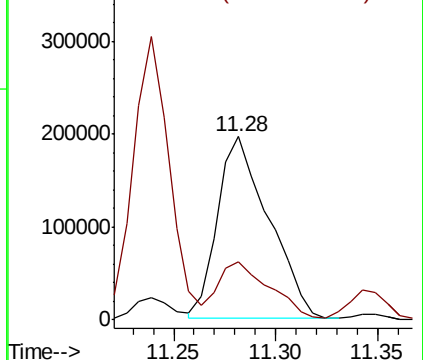
75 100

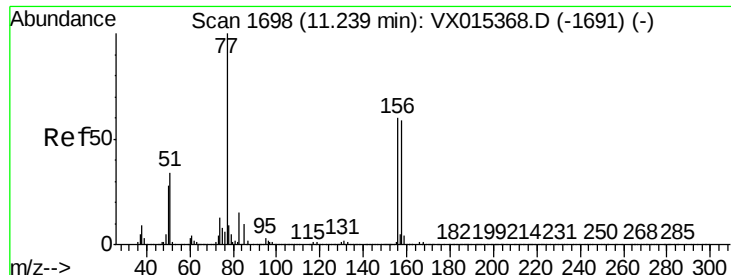
77 32.5 21.2 63.6



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 20.146 ug/l

RT: 11.24 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX015743.D

Acq: 17 Apr 2020 17:09

Instrument :

MSVOA_X

ClientSampleId :

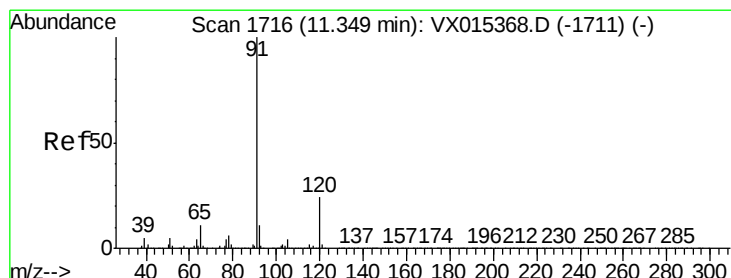
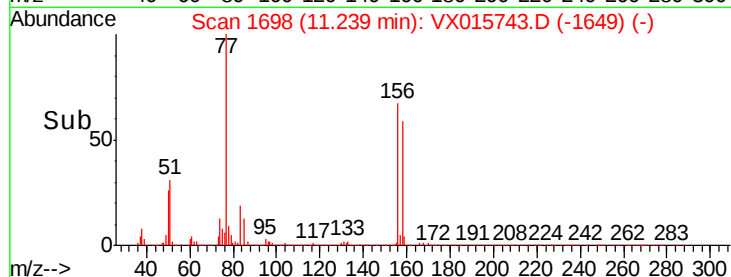
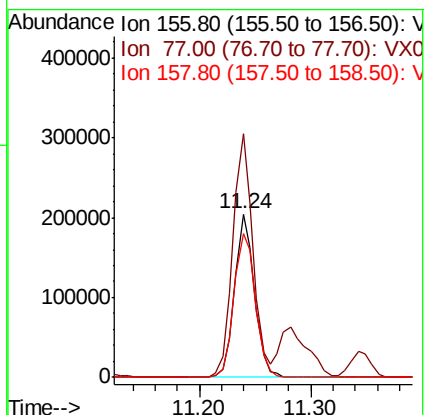
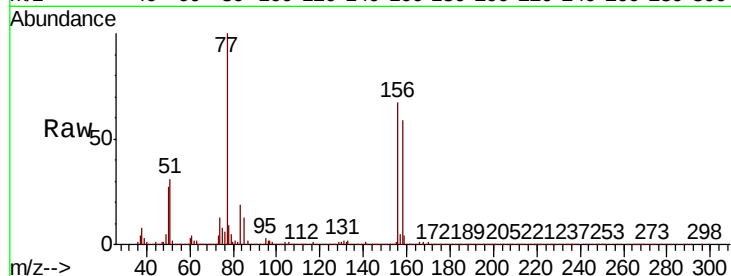
Tot Ion:156 Resp: 250980

Ion Ratio Lower Upper

156 100

77 150.8 82.2 246.5

158 94.8 49.3 147.9



#78

n-propylbenzene

Concen: 18.963 ug/l

RT: 11.34 min Scan# 1715

Delta R.T. -0.01 min

Lab File: VX015743.D

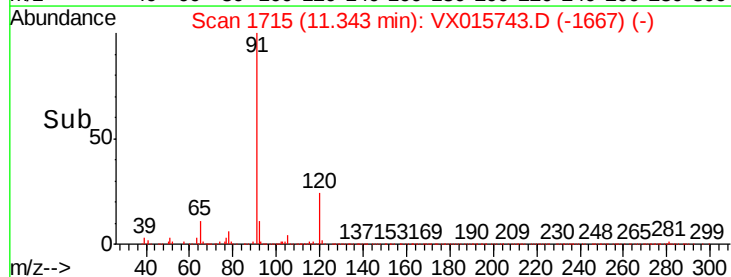
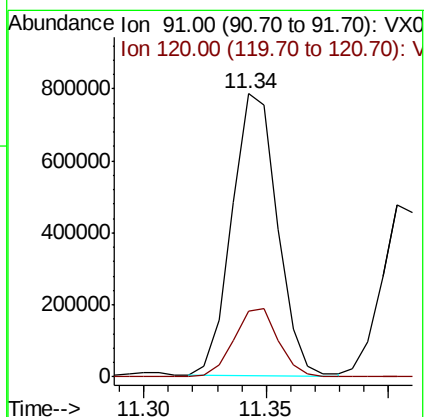
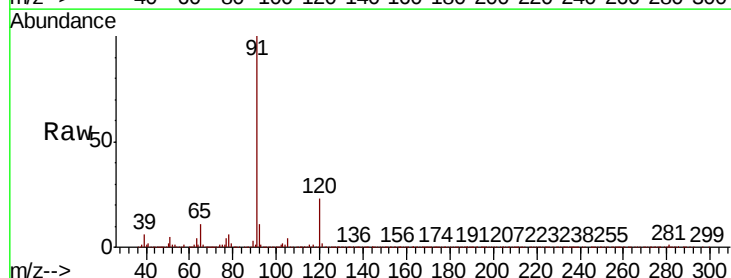
Acq: 17 Apr 2020 17:09

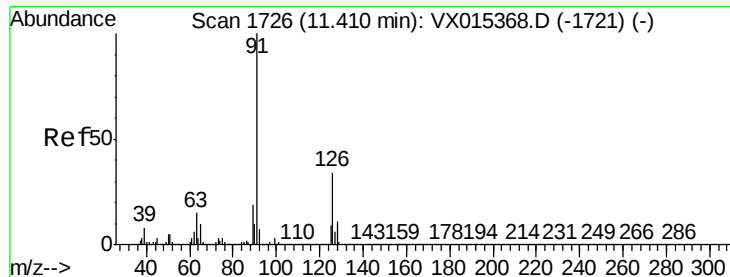
Tgt Ion: 91 Resp: 1012758

Ion Ratio Lower Upper

91 100

120 23.9 11.7 35.0





#79

2-Chlorotoluene

Concen: 18.687 ug/l

RT: 11.40 min Scan# 1725

Delta R.T. -0.01 min

Lab File: VX015743.D

Acq: 17 Apr 2020 17:09

Instrument :

MSVOA_X

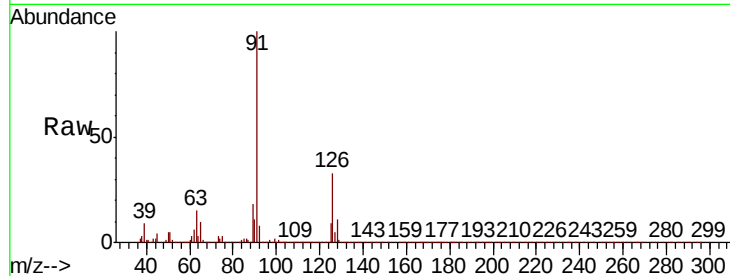
ClientSampleId :

Tot Ion: 91 Resp: 611697

Ion Ratio Lower Upper

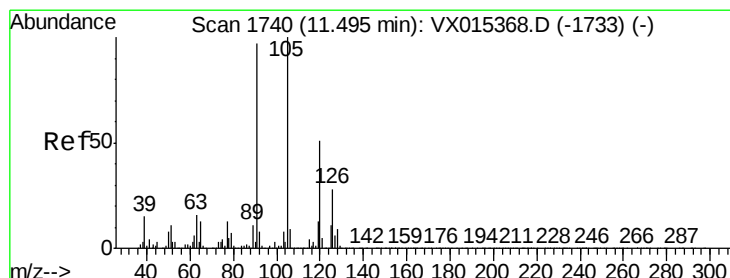
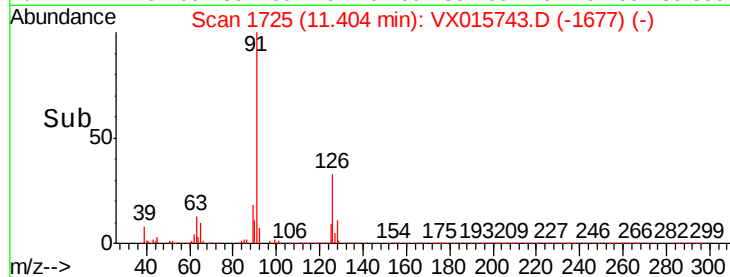
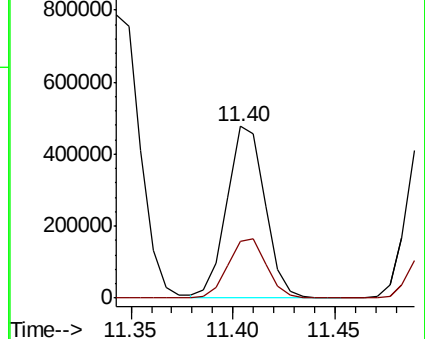
91 100

126 35.0 16.5 49.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 19.229 ug/l

RT: 11.49 min Scan# 1739

Delta R.T. -0.01 min

Lab File: VX015743.D

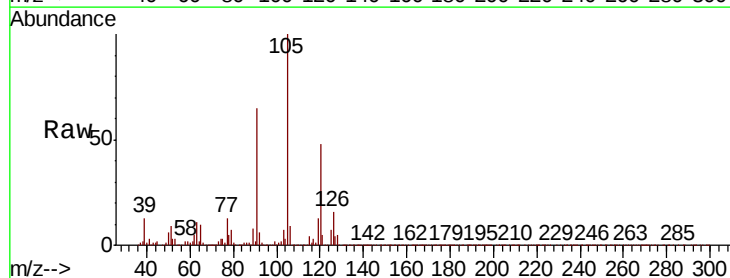
Acq: 17 Apr 2020 17:09

Tgt Ion:105 Resp: 767008

Ion Ratio Lower Upper

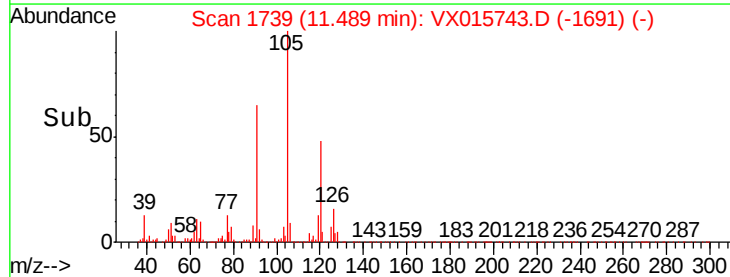
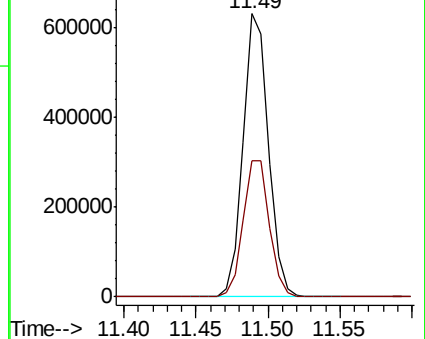
105 100

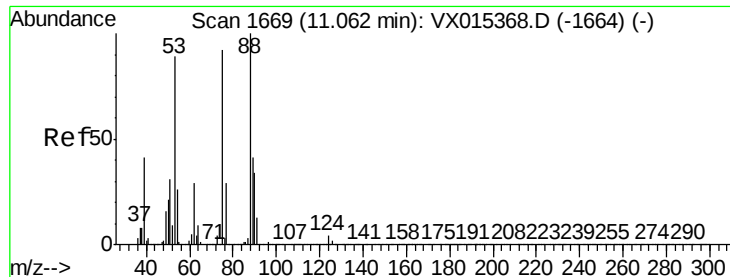
120 50.2 24.8 74.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 15.221 ug/l

RT: 11.06 min Scan# 1668

Delta R.T. -0.01 min

Lab File: VX015743.D

Acq: 17 Apr 2020 17:09

Instrument :

MSVOA_X

ClientSampleId :

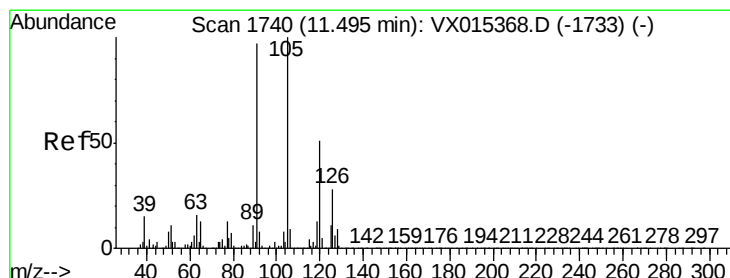
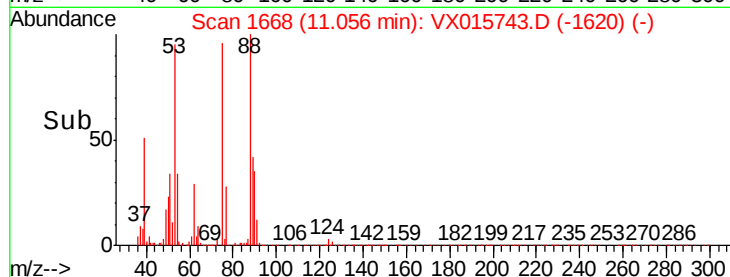
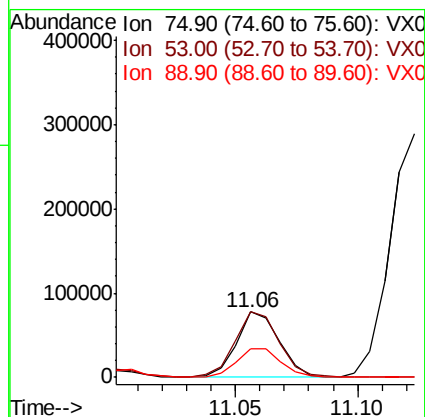
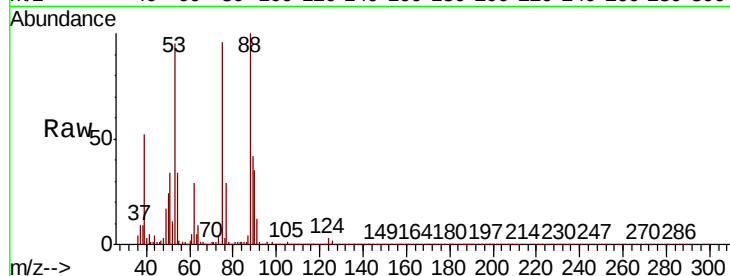
Tot Ion: 75 Resp: 92989

Ion Ratio Lower Upper

75 100

53 103.4 80.1 120.1

89 47.9 36.1 54.1



#82

4-Chlorotoluene

Concen: 19.030 ug/l

RT: 11.50 min Scan# 1740

Delta R.T. 0.00 min

Lab File: VX015743.D

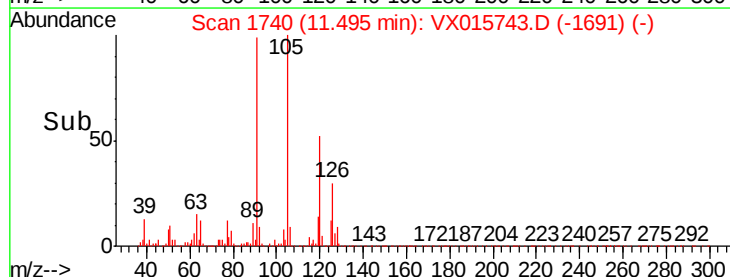
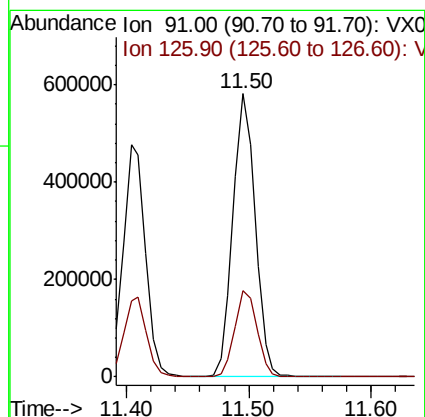
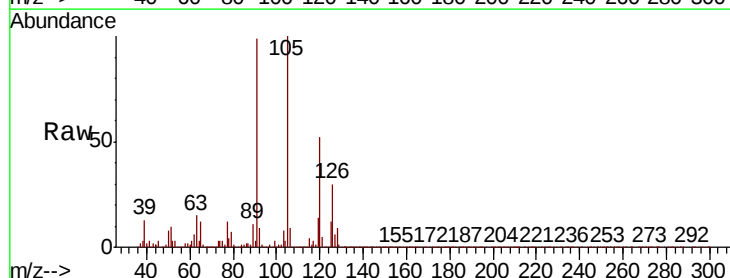
Acq: 17 Apr 2020 17:09

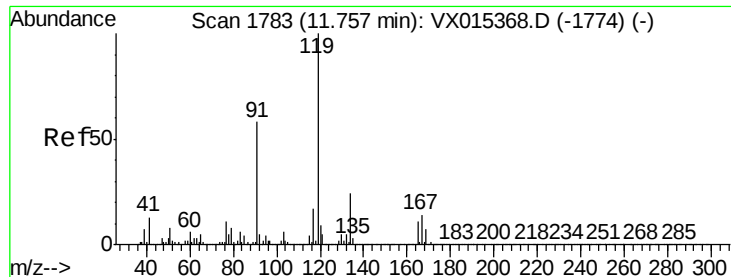
Tgt Ion: 91 Resp: 730282

Ion Ratio Lower Upper

91 100

126 30.4 14.7 44.1

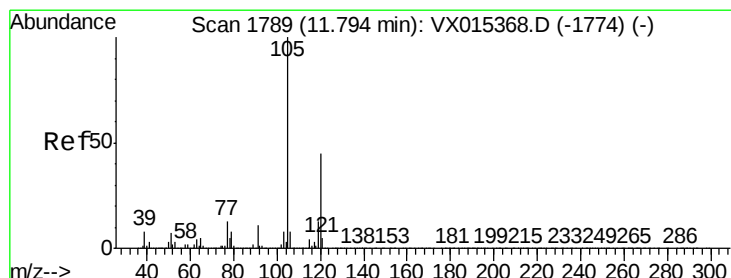
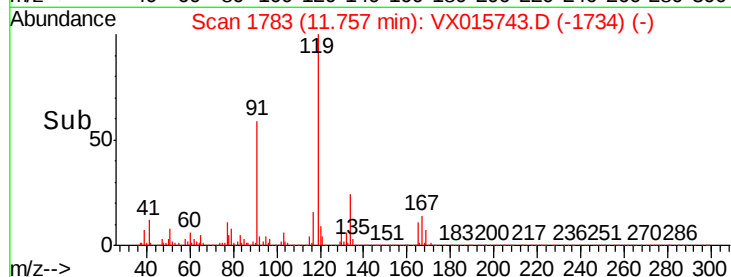
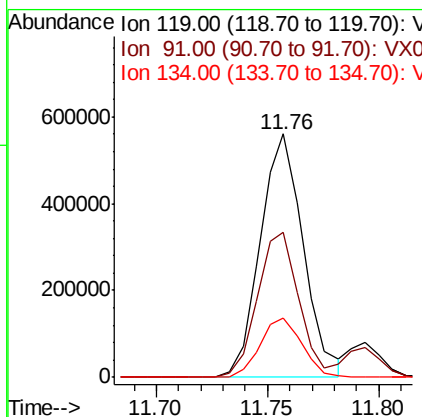
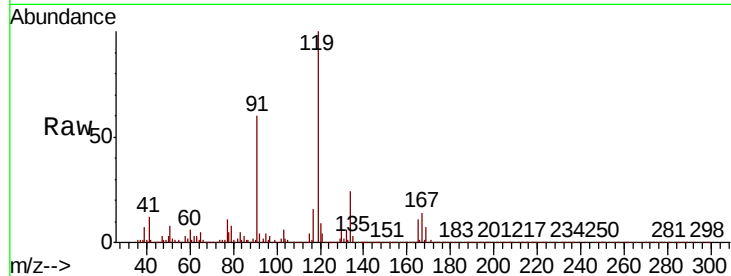




#83
 tert-Butylbenzene
 Concen: 19.322 ug/l
 RT: 11.76 min Scan# 1783
 Delta R.T. 0.00 min
 Lab File: VX015743.D
 Acq: 17 Apr 2020 17:09

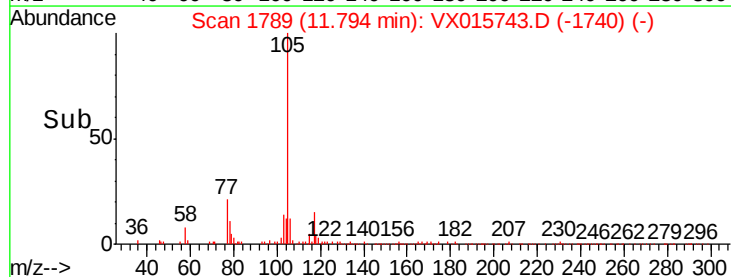
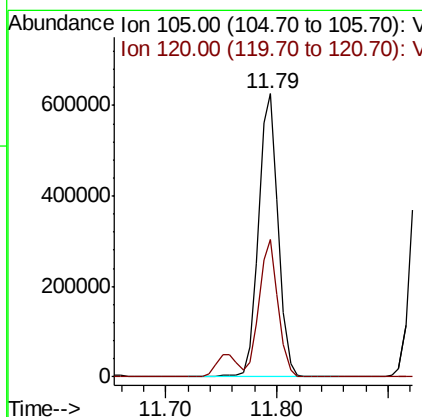
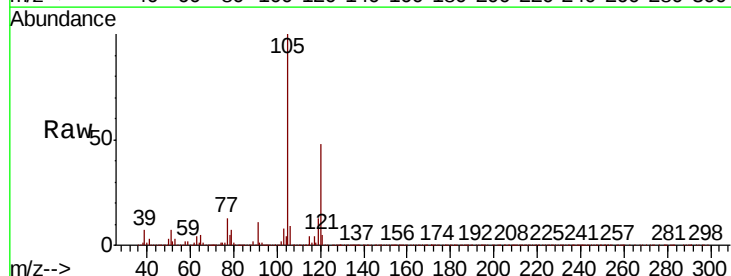
Instrument :
 MSVOA_X
 ClientSampleId :

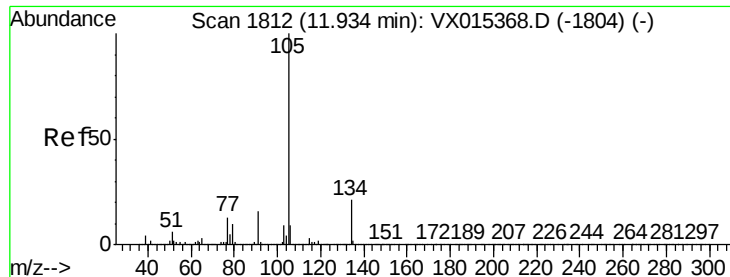
Tot Ion:119 Resp: 752824
 Ion Ratio Lower Upper
 119 100
 91 57.3 28.6 85.8
 134 23.6 11.8 35.3



#84
 1,2,4-Trimethylbenzene
 Concen: 18.865 ug/l
 RT: 11.79 min Scan# 1789
 Delta R.T. 0.00 min
 Lab File: VX015743.D
 Acq: 17 Apr 2020 17:09

Tgt Ion:105 Resp: 766806
 Ion Ratio Lower Upper
 105 100
 120 46.8 22.7 68.1





#85

sec-Butylbenzene

Concen: 19.511 ug/l

RT: 11.93 min Scan# 1812

Delta R.T. 0.00 min

Lab File: VX015743.D

Acq: 17 Apr 2020 17:09

Instrument :

MSVOA_X

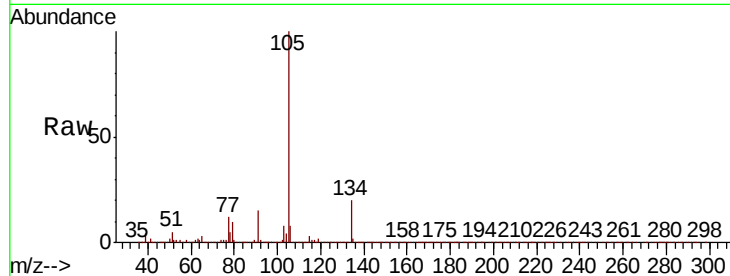
ClientSampleId :

Tot Ion:105 Resp: 879189

Ion Ratio Lower Upper

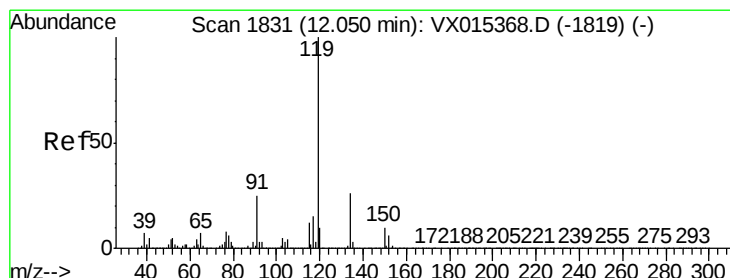
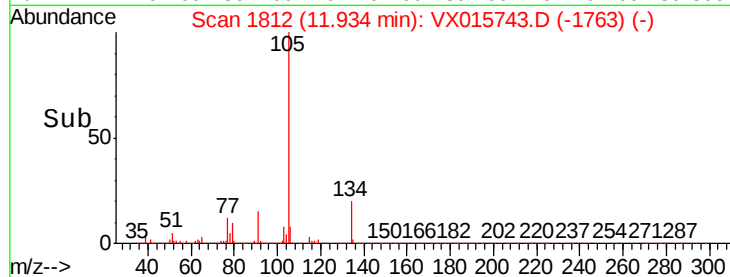
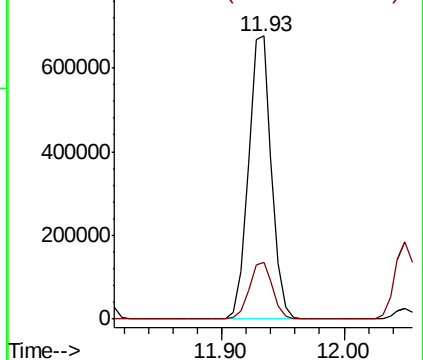
105 100

134 20.3 10.4 31.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 19.708 ug/l

RT: 12.05 min Scan# 1831

Delta R.T. 0.00 min

Lab File: VX015743.D

Acq: 17 Apr 2020 17:09

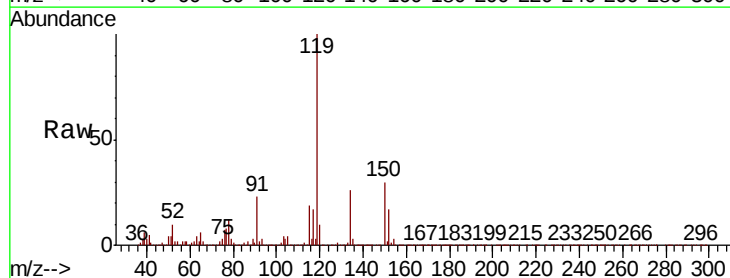
Tgt Ion:119 Resp: 824442

Ion Ratio Lower Upper

119 100

134 26.2 13.1 39.3

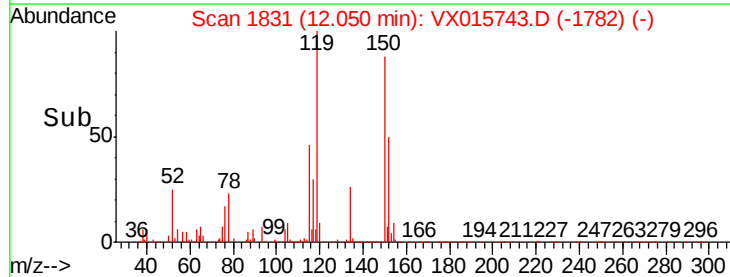
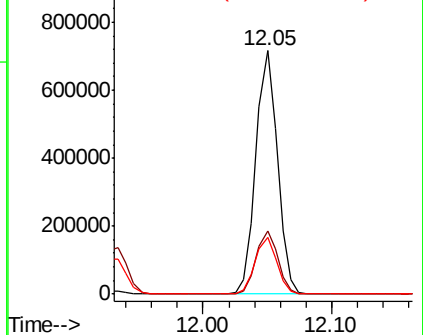
91 23.3 12.4 37.4

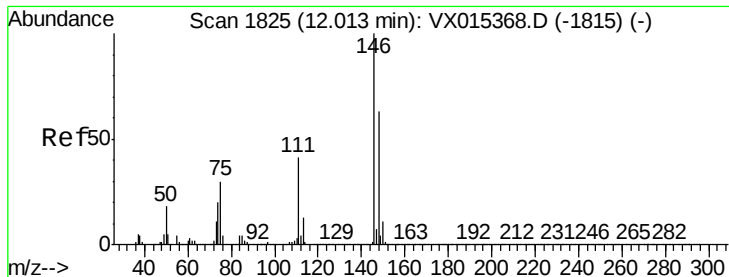


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

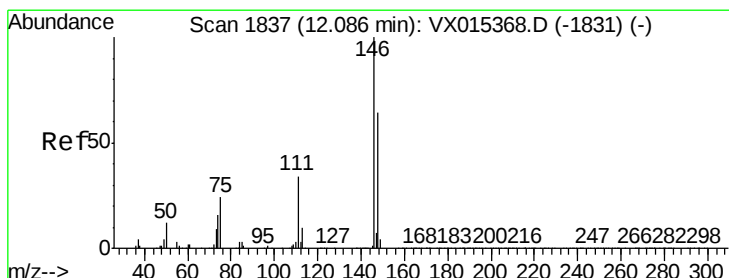
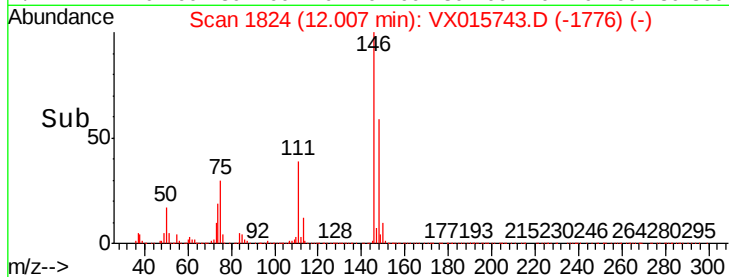
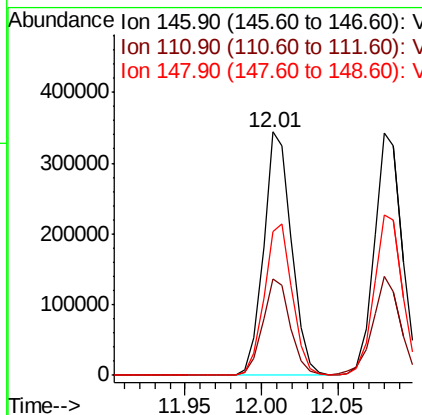
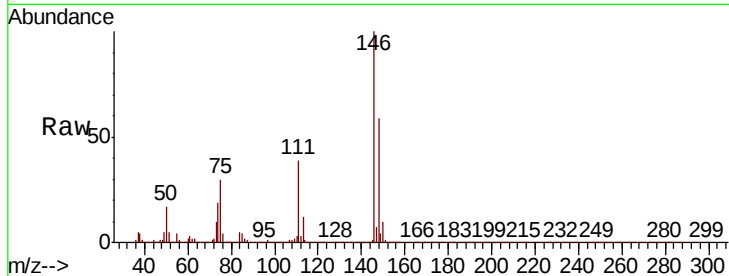




#87
 1,3-Dichlorobenzene
 Concen: 19.624 ug/l
 RT: 12.01 min Scan# 1824
 Delta R.T. -0.01 min
 Lab File: VX015743.D
 Acq: 17 Apr 2020 17:09

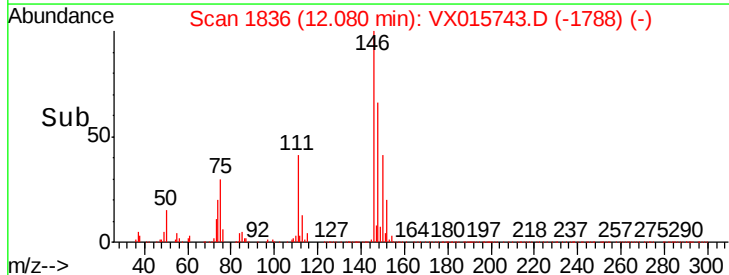
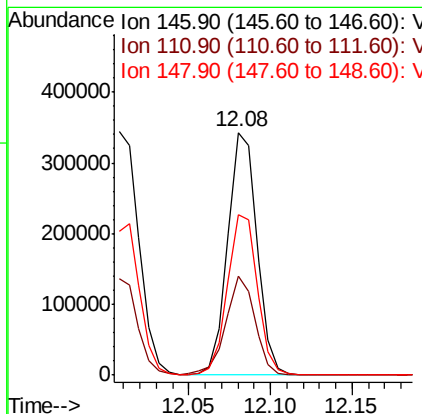
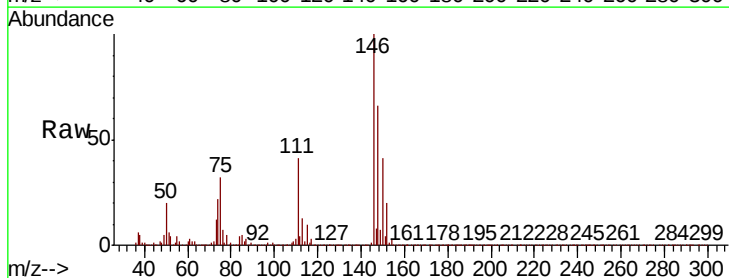
Instrument :
 MSVOA_X
 ClientSampleId :

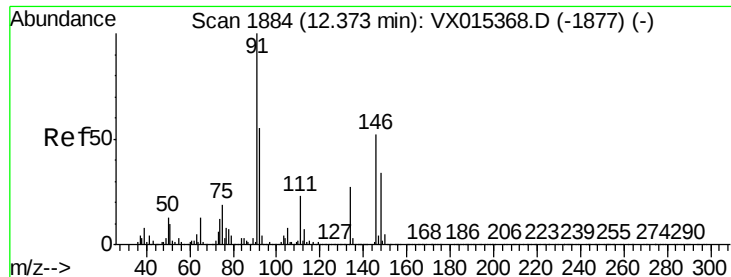
Tot Ion	Ratio	Lower	Upper
146	100		
111	38.9	20.3	60.9
148	62.4	31.3	93.9



#88
 1,4-Dichlorobenzene
 Concen: 18.810 ug/l
 RT: 12.08 min Scan# 1836
 Delta R.T. -0.01 min
 Lab File: VX015743.D
 Acq: 17 Apr 2020 17:09

Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.5	19.1	57.5
148	67.6	32.4	97.2





#89

n-Butylbenzene

Concen: 19.148 ug/l

RT: 12.37 min Scan# 1884

Delta R.T. 0.00 min

Lab File: VX015743.D

Acq: 17 Apr 2020 17:09

Instrument :

MSVOA_X

ClientSampleId :

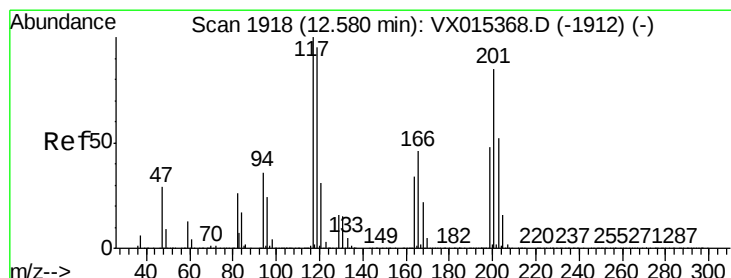
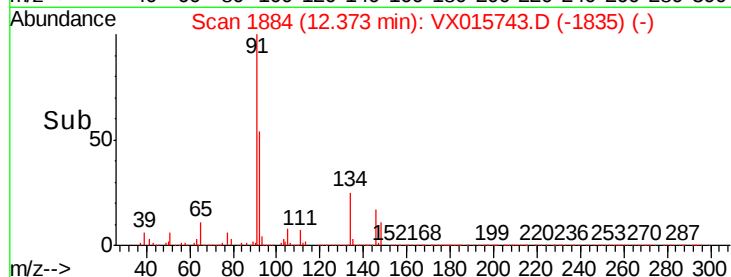
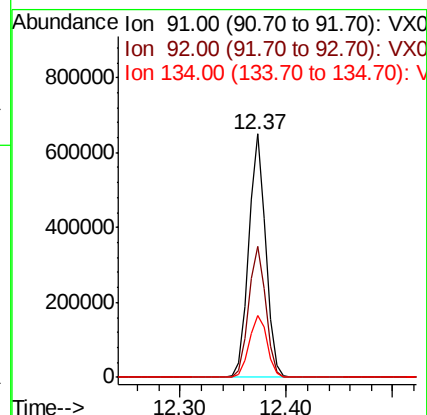
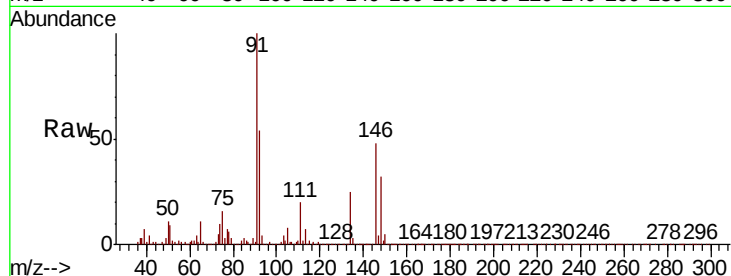
Tot Ion: 91 Resp: 723836

Ion Ratio Lower Upper

91 100

92 54.7 27.2 81.5

134 26.9 13.4 40.2



#90

Hexachloroethane

Concen: 16.264 ug/l

RT: 12.58 min Scan# 1918

Delta R.T. 0.00 min

Lab File: VX015743.D

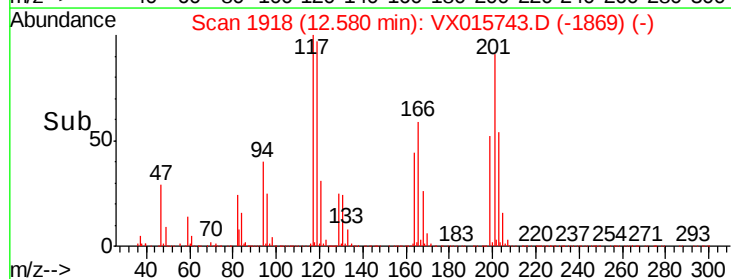
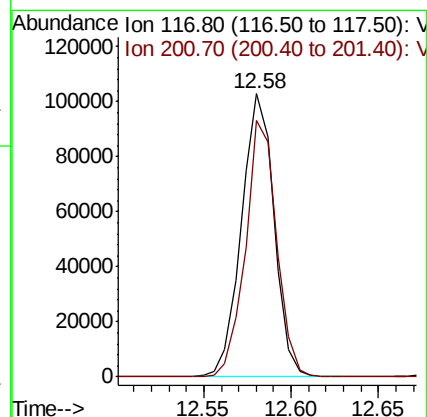
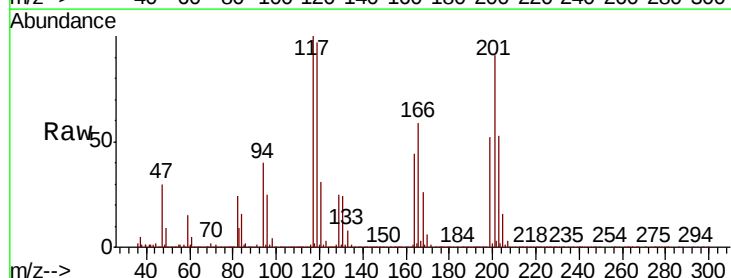
Acq: 17 Apr 2020 17:09

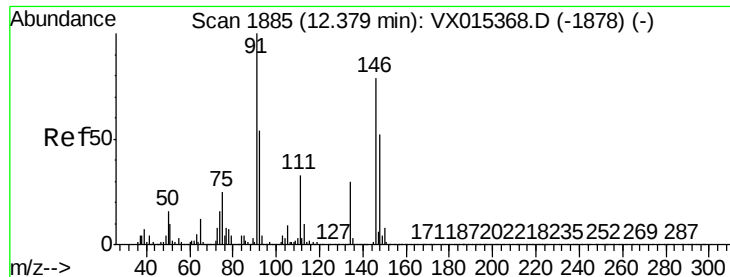
Tgt Ion: 117 Resp: 132427

Ion Ratio Lower Upper

117 100

201 86.8 42.6 128.0





#91

1,2-Dichlorobenzene

Concen: 19.983 ug/l

RT: 12.38 min Scan# 1885

Delta R.T. 0.00 min

Lab File: VX015743.D

Acq: 17 Apr 2020 17:09

Instrument :

MSVOA_X

ClientSampleId :

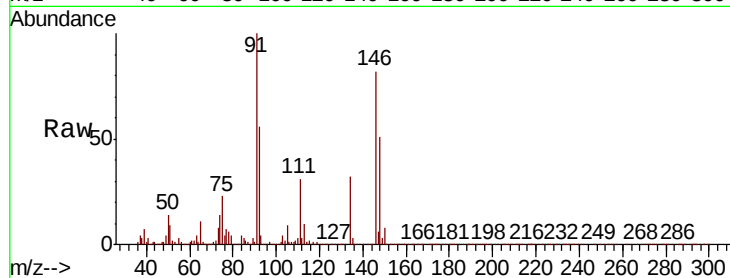
Tot Ion:146 Resp: 436146

Ion Ratio Lower Upper

146 100

111 39.0 21.0 63.0

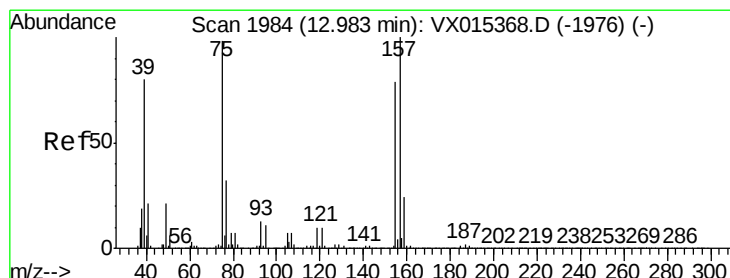
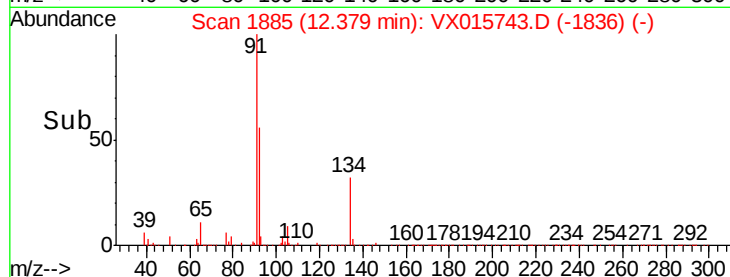
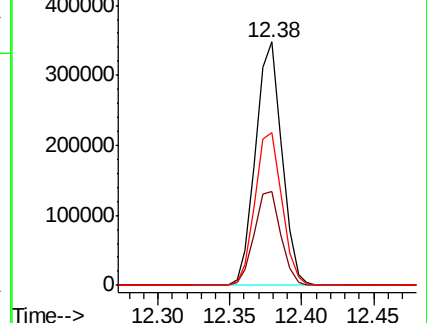
148 64.4 32.4 97.0



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: 15.206 ug/l

RT: 12.98 min Scan# 1984

Delta R.T. 0.00 min

Lab File: VX015743.D

Acq: 17 Apr 2020 17:09

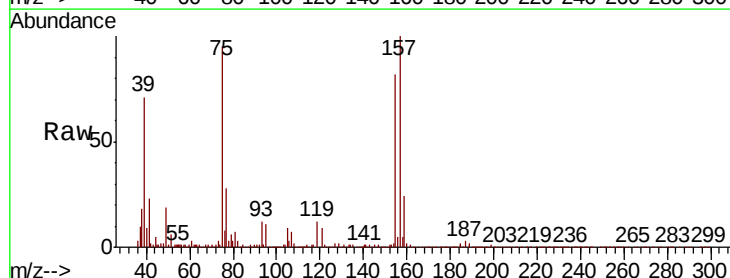
Tgt Ion: 75 Resp: 68784

Ion Ratio Lower Upper

75 100

155 87.3 42.8 128.4

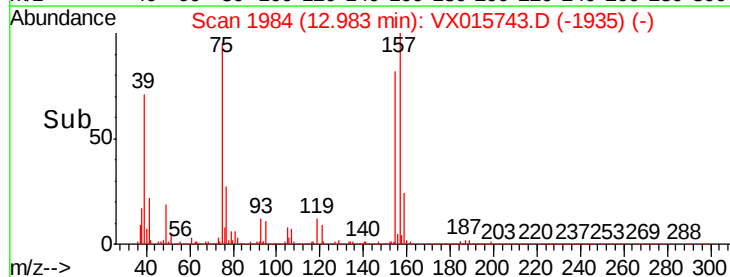
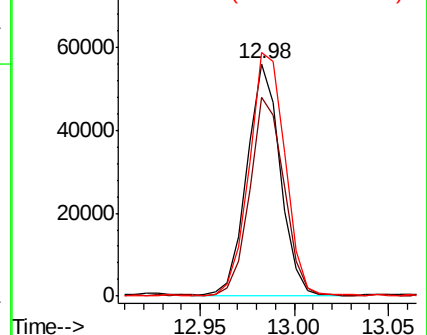
157 112.1 53.4 160.3

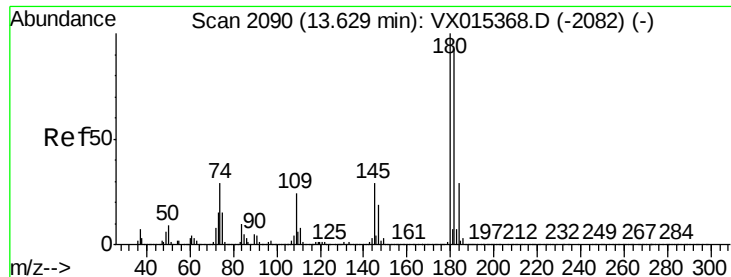


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

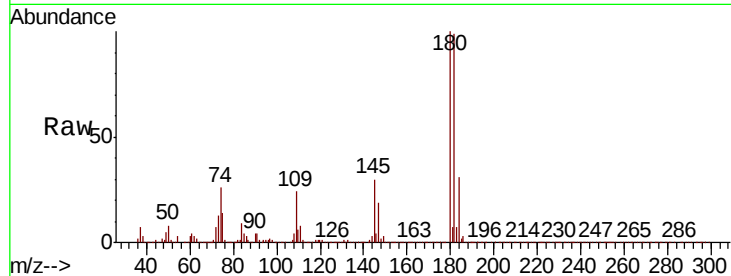




#93
 1,2,4-Trichlorobenzene
 Concen: 19.565 ug/l
 RT: 13.63 min Scan# 2090
 Delta R.T. 0.00 min
 Lab File: VX015743.D
 Acq: 17 Apr 2020 17:09

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.6	46.9	140.7
145	28.5	14.9	44.5

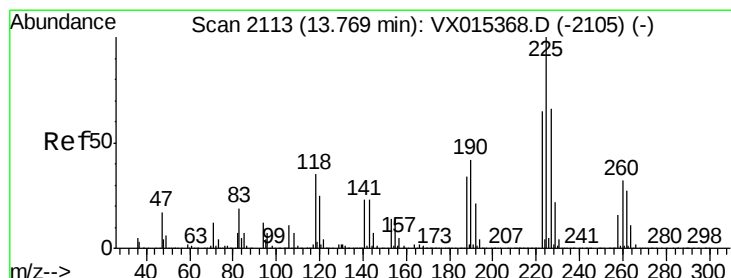
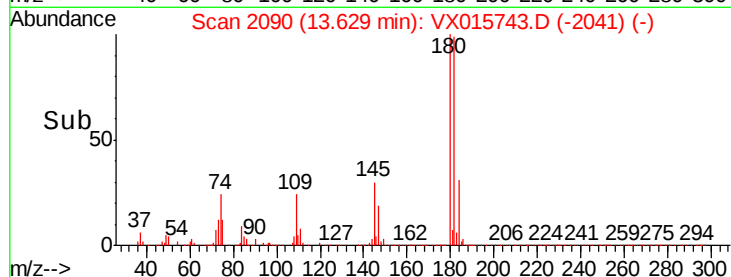
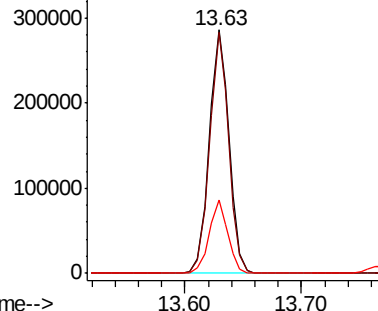


Abundance

Ion 179.80 (179.50 to 180.50): V

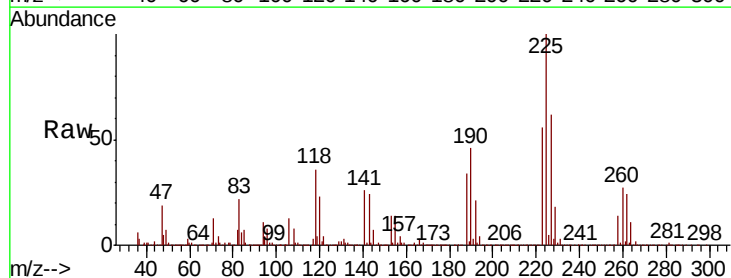
Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94
 Hexachlorobutadiene
 Concen: 17.947 ug/l
 RT: 13.76 min Scan# 2112
 Delta R.T. -0.01 min
 Lab File: VX015743.D
 Acq: 17 Apr 2020 17:09

Tgt Ion	Ratio	Lower	Upper
225	100		
223	58.5	31.9	95.7
227	62.3	30.4	91.3

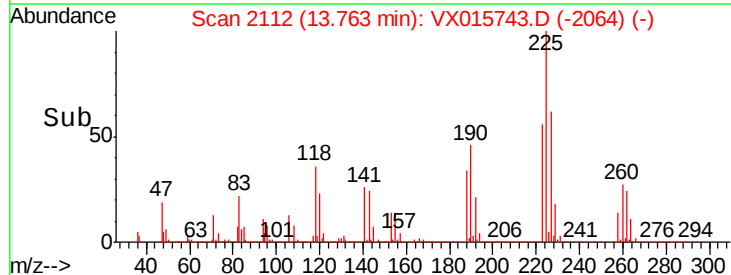
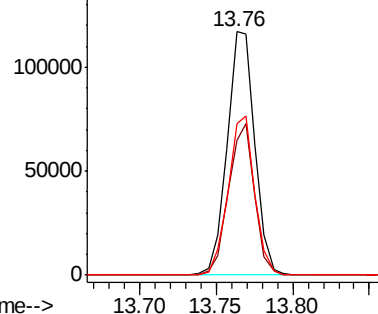


Abundance

Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V

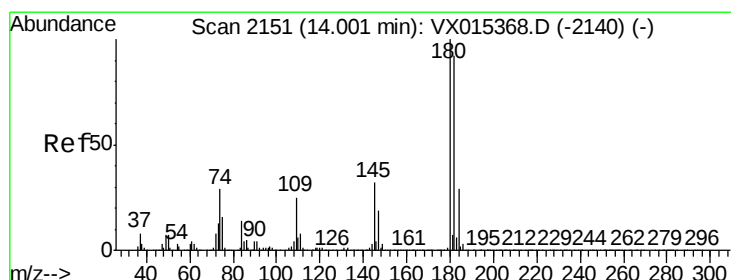
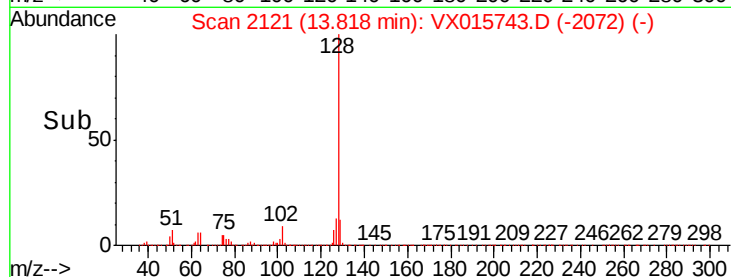
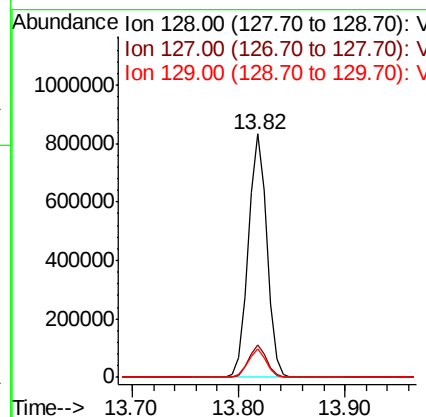
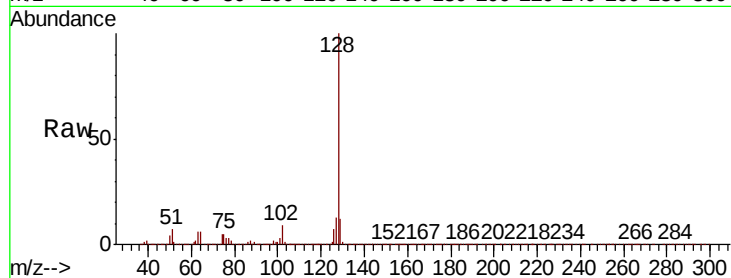




#95
Naphthalene
Concen: 19.409 ug/l
RT: 13.82 min Scan# 2121
Delta R.T. 0.00 min
Lab File: VX015743.D
Acq: 17 Apr 2020 17:09

Instrument :
MSVOA_X
ClientSampled :

Tot Ion:128 Resp: 1022103
Ion Ratio Lower Upper
128 100
127 12.7 10.6 15.8
129 11.3 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 20.133 ug/l
RT: 14.00 min Scan# 2151
Delta R.T. 0.00 min
Lab File: VX015743.D
Acq: 17 Apr 2020 17:09

Tgt Ion:180 Resp: 334644
Ion Ratio Lower Upper
180 100
182 93.1 46.7 140.0
145 30.5 15.8 47.3

