

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX040120\
 Data File : VX015465.D
 Acq On : 01 Apr 2020 14:21
 Operator : JC/SP
 Sample : VX0401MBS01
 Misc : 5.00µL/100µL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Apr 02 09:06:02 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X032720W.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 27 09:35:51 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	1136320	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	1784423	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	1575180	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	815819	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	841628	52.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.02%	
35) Dibromofluoromethane	5.47	113	614784	53.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.80%	
50) Toluene-d8	8.70	98	2233128	53.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.36%	
62) 4-Bromofluorobenzene	11.12	95	909623	53.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.60%	

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.19	85	234968	23.471	ug/l 96
3) Chloromethane	1.31	50	244651	19.190	ug/l 98
4) Vinyl Chloride	1.39	62	246076	21.020	ug/l 99
5) Bromomethane	1.63	94	133516	19.868	ug/l 100
6) Chloroethane	1.71	64	156476	21.552	ug/l 95
7) Trichlorofluoromethane	1.92	101	368218	23.454	ug/l 99
8) Diethyl Ether	2.17	74	137472	20.760	ug/l 96
9) 1,1,2-Trichlorotrifluoroet	2.36	101	246431	24.078	ug/l 98
10) Methyl Iodide	2.49	142	275844	19.991	ug/l 99
11) Tert butyl alcohol	3.02	59	373633	97.401	ug/l 99
12) 1,1-Dichloroethene	2.36	96	243332	22.682	ug/l 100
13) Acrolein	2.27	56	245628	112.406	ug/l 98
14) Allyl chloride	2.70	41	546292	21.793	ug/l 98
15) Acrylonitrile	3.11	53	766148	104.728	ug/l 100
16) Acetone	2.42	43	707202	102.711	ug/l 98
17) Carbon Disulfide	2.55	76	712271	21.764	ug/l 100
18) Methyl Acetate	2.75	43	368888	20.991	ug/l 100
19) Methyl tert-butyl Ether	3.17	73	901884	21.676	ug/l 99
20) Methylene Chloride	2.83	84	271832	21.136	ug/l 98
21) trans-1,2-Dichloroethene	3.14	96	257202	21.603	ug/l 98
22) Diisopropyl ether	3.83	45	1009678	22.731	ug/l 90
23) Vinyl Acetate	3.78	43	4538886	112.860	ug/l 99
24) 1,1-Dichloroethane	3.67	63	514680	22.007	ug/l 98
25) 2-Butanone	4.64	43	1125010	101.598	ug/l 97
26) 2,2-Dichloropropane	4.55	77	463768	24.159	ug/l 97
27) cis-1,2-Dichloroethene	4.56	96	297513	21.598	ug/l 95
28) Bromochloromethane	4.98	49	268378	24.035	ug/l 99
29) Tetrahydrofuran	5.09	42	719254	101.038	ug/l 99
30) Chloroform	5.18	83	492961	21.909	ug/l 98
31) Cyclohexane	5.55	56	472477	23.288	ug/l 98
32) 1,1,1-Trichloroethane	5.47	97	447232	21.963	ug/l 98
36) 1,1-Dichloropropene	5.77	75	376823	22.919	ug/l 100
37) Ethyl Acetate	4.79	43	454012	21.208	ug/l 99
38) Carbon Tetrachloride	5.76	117	404408	22.710	ug/l 96

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX040120\
 Data File : VX015465.D
 Acq On : 01 Apr 2020 14:21
 Operator : JC/SP
 Sample : VX0401MBS01
 Misc : 5.0µL/10mL/100µL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Apr 02 09:06:02 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X032720W.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 27 09:35:51 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	454668	23.984	ug/l	100
40) Benzene	6.11	78	1082821	22.483	ug/l	98
41) Methacrylonitrile	5.00	41	254869	21.446	ug/l	99
42) 1,2-Dichloroethane	6.16	62	429699	22.212	ug/l	100
43) Isopropyl Acetate	6.41	43	772529	21.377	ug/l	100
44) Trichloroethene	7.19	130	293016	22.308	ug/l	100
45) 1,2-Dichloropropane	7.49	63	284538	21.597	ug/l	100
46) Dibromomethane	7.64	93	190185	22.006	ug/l	98
47) Bromodichloromethane	7.87	83	410410	22.286	ug/l	100
48) Methyl methacrylate	7.75	41	385147	21.337	ug/l	99
49) 1,4-Dioxane	7.73	88	145623	432.449	ug/l	100
51) 4-Methyl-2-Pentanone	8.62	43	2209864	107.900	ug/l	99
52) Toluene	8.76	92	668073	22.499	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	467132	21.628	ug/l	99
54) cis-1,3-Dichloropropene	8.42	75	494150	22.460	ug/l	98
55) 1,1,2-Trichloroethane	9.20	97	277171	22.784	ug/l	98
56) Ethyl methacrylate	9.16	69	458904	21.404	ug/l	99
57) 1,3-Dichloropropane	9.36	76	476808	21.754	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	1290343	123.733	ug/l	98
59) 2-Hexanone	9.47	43	1659806	107.344	ug/l	100
60) Dibromochloromethane	9.56	129	321214	21.974	ug/l	99
61) 1,2-Dibromoethane	9.65	107	285893	21.613	ug/l	97
64) Tetrachloroethene	9.32	164	279139	23.482	ug/l	98
65) Chlorobenzene	10.12	112	719262	22.896	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.20	131	280046	22.314	ug/l	98
67) Ethyl Benzene	10.24	91	1307486	23.467	ug/l	99
68) m/p-Xylenes	10.34	106	972883	46.894	ug/l	99
69) o-Xylene	10.68	106	466604	22.760	ug/l	97
70) Styrene	10.70	104	813381	22.547	ug/l	99
71) Bromoform	10.84	173	247657	21.677	ug/l #	99
73) Isopropylbenzene	11.01	105	1277385	23.897	ug/l	100
74) N-amyl acetate	10.88	43	652981	21.964	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	397948	21.696	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	488261	29.104	ug/l	85
77) Bromobenzene	11.24	156	328902	23.068	ug/l	98
78) n-propylbenzene	11.34	91	1475575	24.141	ug/l	99
79) 2-Chlorotoluene	11.40	91	877894	23.433	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	1111315	24.343	ug/l	97
81) trans-1,4-Dichloro-2-buten	11.06	75	150740	21.559	ug/l	96
82) 4-Chlorotoluene	11.49	91	1045168	23.797	ug/l	99
83) tert-Butylbenzene	11.76	119	1059929	23.770	ug/l	98
84) 1,2,4-Trimethylbenzene	11.79	105	1111240	23.887	ug/l	99
85) sec-Butylbenzene	11.93	105	1261057	24.452	ug/l	99
86) p-Isopropyltoluene	12.05	119	1161836	24.267	ug/l	100
87) 1,3-Dichlorobenzene	12.01	146	596357	23.364	ug/l	100
88) 1,4-Dichlorobenzene	12.08	146	585985	22.538	ug/l	97
89) n-Butylbenzene	12.37	91	1058179	24.458	ug/l	99
90) Hexachloroethane	12.58	117	217613	23.353	ug/l	94
91) 1,2-Dichlorobenzene	12.38	146	569827	22.812	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.98	75	103183	19.931	ug/l	96

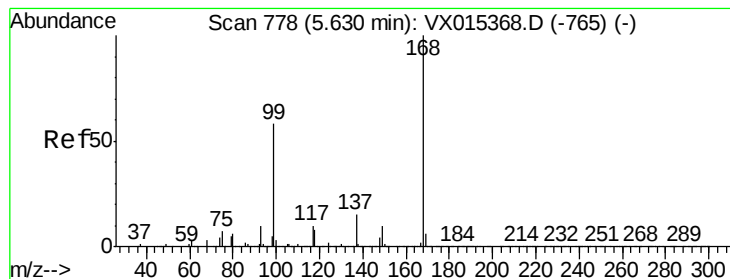
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX040120\
Data File : VX015465.D
Acq On : 01 Apr 2020 14:21
Operator : JC/SP
Sample : VX0401MBS01
Misc : 5.00µ/10mL/100uL/5.00mL/MSVOA_X/MEOH
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

Quant Time: Apr 02 09:06:02 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)
93) 1,2,4-Trichlorobenzene	13.63	180	436029	22.068	ug/l	99
94) Hexachlorobutadiene	13.77	225	198623	21.114	ug/l	96
95) Naphthalene	13.82	128	1322252	21.938	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	438557	23.053	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 778

Delta R.T. -0.00 min

Lab File: VX015465.D

Acq: 01 Apr 2020 14:21

Instrument :

MSVOA_X

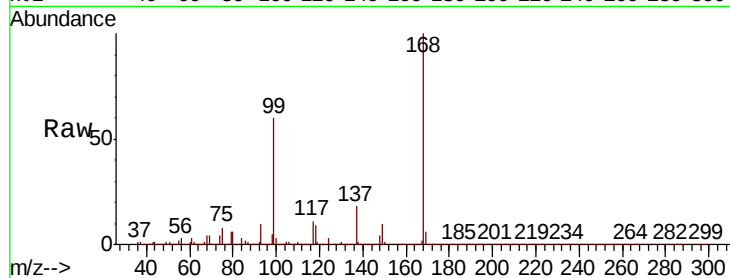
ClientSampleId :

Tot Ion:168 Resp: 1136320

Ion Ratio Lower Upper

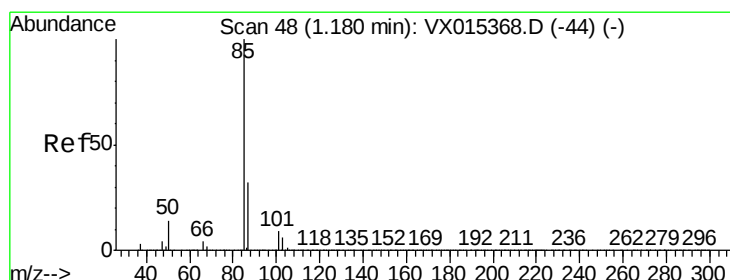
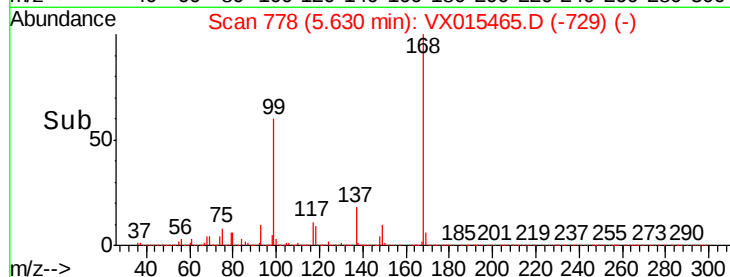
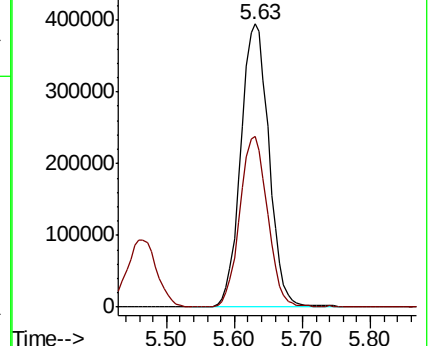
168 100

99 60.2 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: 23.471 ug/l

RT: 1.19 min Scan# 49

Delta R.T. 0.01 min

Lab File: VX015465.D

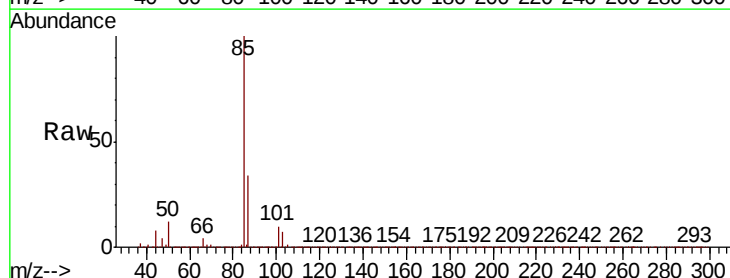
Acq: 01 Apr 2020 14:21

Tgt Ion: 85 Resp: 234968

Ion Ratio Lower Upper

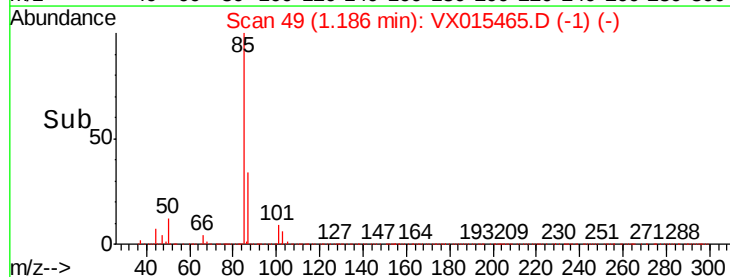
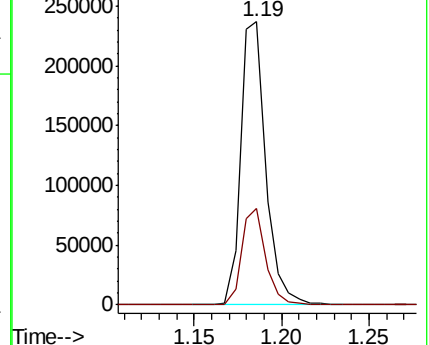
85 100

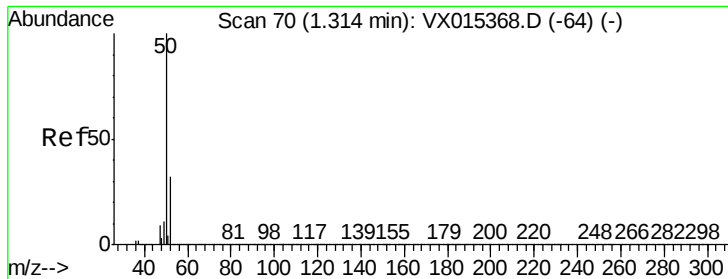
87 34.0 16.0 47.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

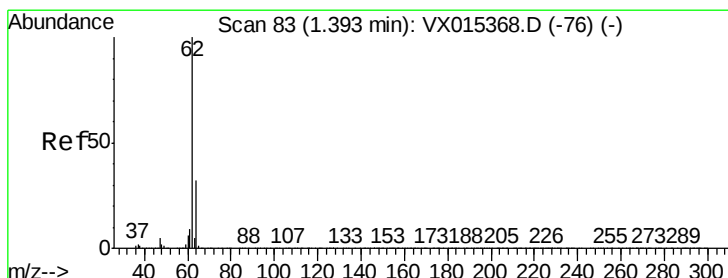
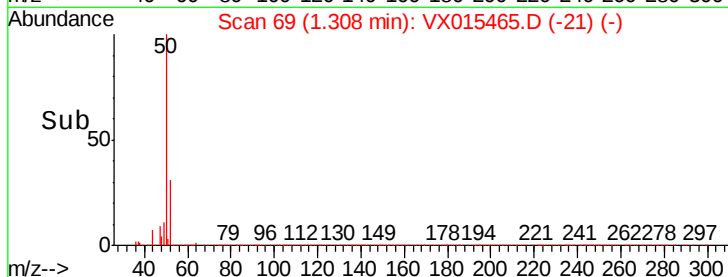
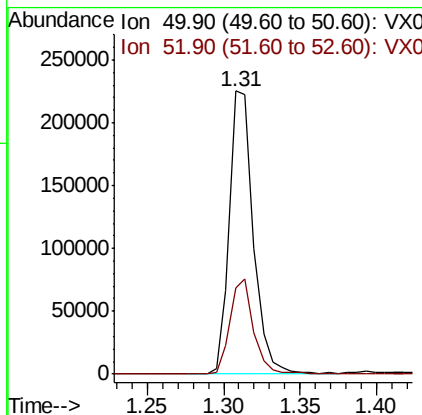
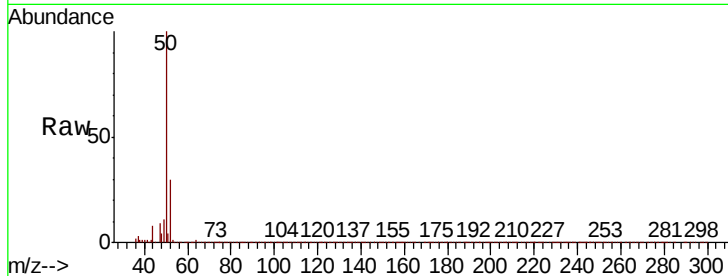




#3
Chloromethane
Concen: 19.190 ug/l
RT: 1.31 min Scan# 69
Delta R.T. -0.01 min
Lab File: VX015465.D
Acq: 01 Apr 2020 14:21

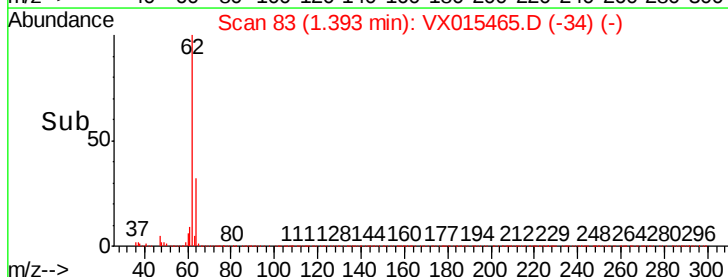
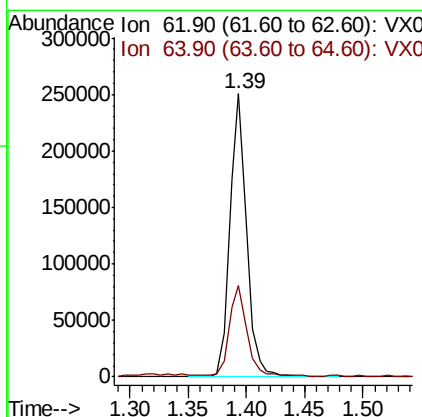
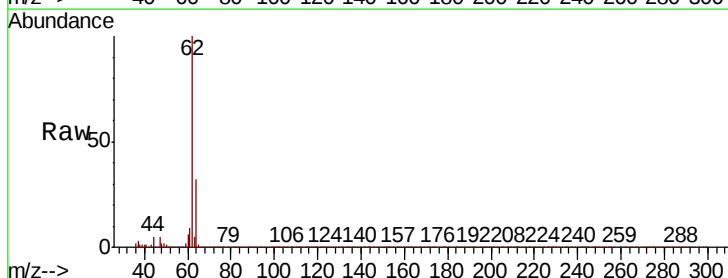
Instrument :
MSVOA_X
ClientSampleId :

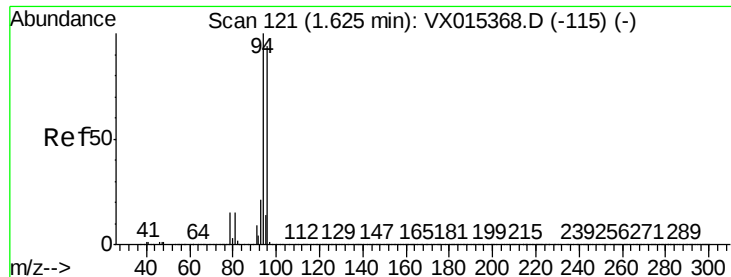
Tot Ion: 50 Resp: 244651
Ion Ratio Lower Upper
50 100
52 30.3 25.3 37.9



#4
Vinyl Chloride
Concen: 21.020 ug/l
RT: 1.39 min Scan# 83
Delta R.T. -0.00 min
Lab File: VX015465.D
Acq: 01 Apr 2020 14:21

Tgt Ion: 62 Resp: 246076
Ion Ratio Lower Upper
62 100
64 31.7 26.0 39.0





#5

Bromomethane

Concen: 19.868 ug/l

RT: 1.63 min Scan# 122

Delta R.T. 0.01 min

Lab File: VX015465.D

Acq: 01 Apr 2020 14:21

Instrument :

MSVOA_X

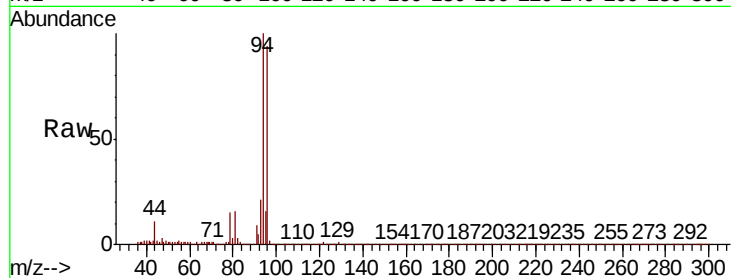
ClientSampleId :

Tot Ion: 94 Resp: 133516

Ion Ratio Lower Upper

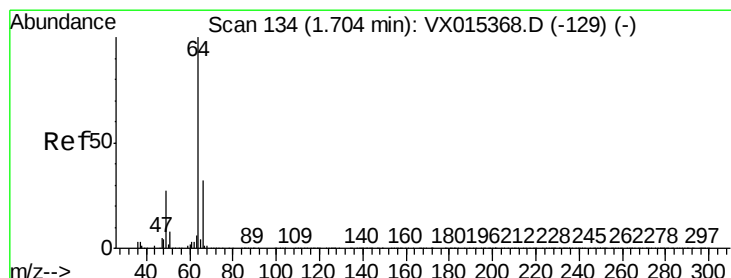
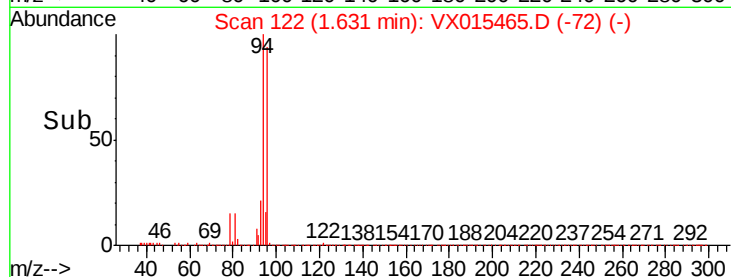
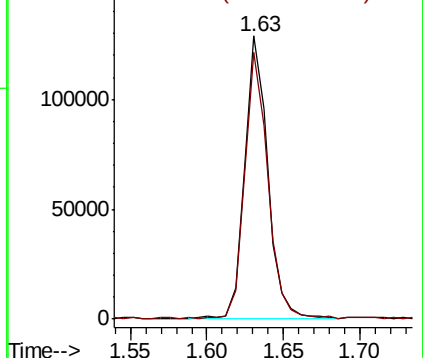
94 100

96 94.0 74.8 112.2



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 21.552 ug/l

RT: 1.71 min Scan# 135

Delta R.T. 0.01 min

Lab File: VX015465.D

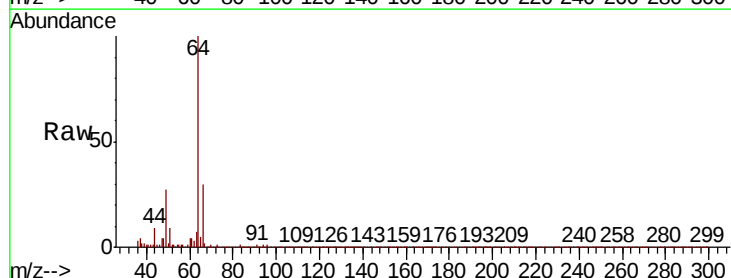
Acq: 01 Apr 2020 14:21

Tgt Ion: 64 Resp: 156476

Ion Ratio Lower Upper

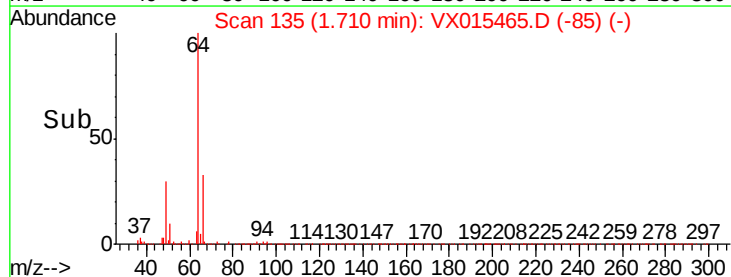
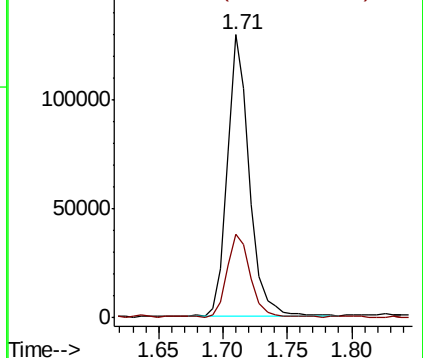
64 100

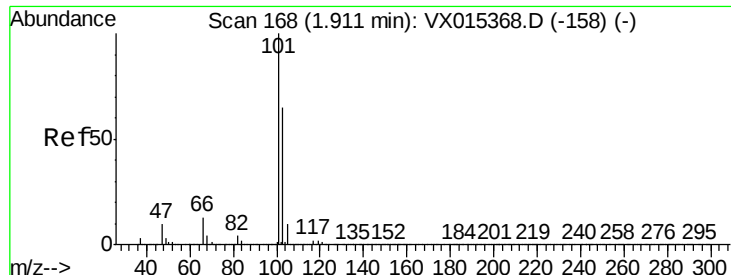
66 29.1 25.4 38.2



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



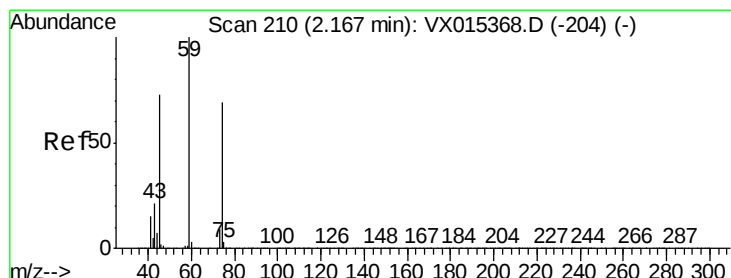
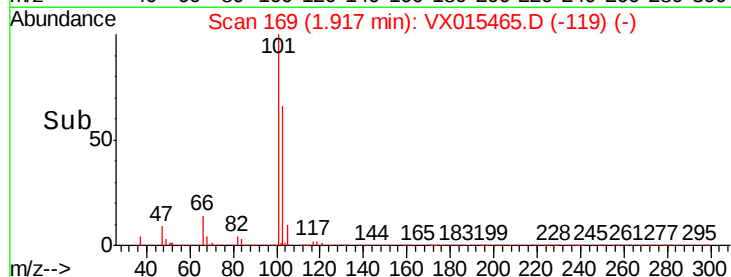
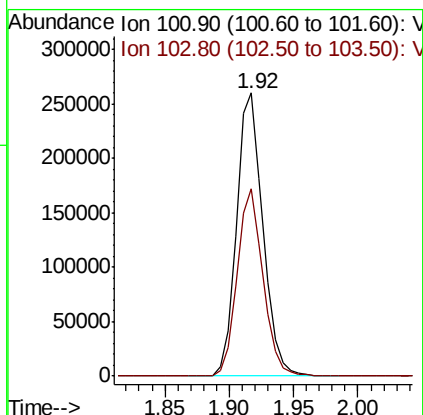
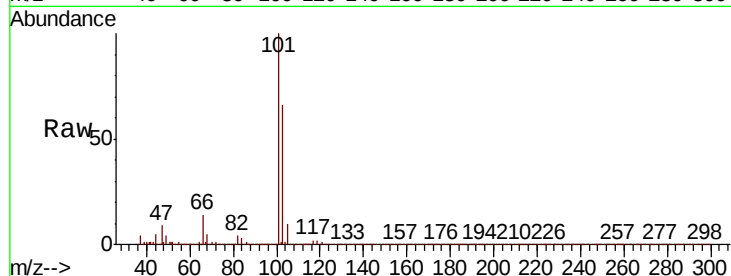


#7

Trichlorofluoromethane
 Concen: 23.454 ug/l
 RT: 1.92 min Scan# 169
 Delta R.T. 0.01 min
 Lab File: VX015465.D
 Acq: 01 Apr 2020 14:21

Instrument :
 MSVOA_X
 ClientSampleId :

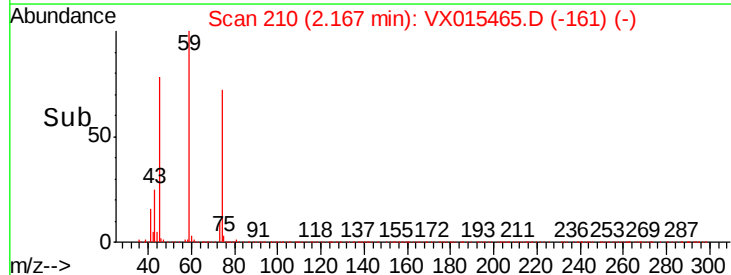
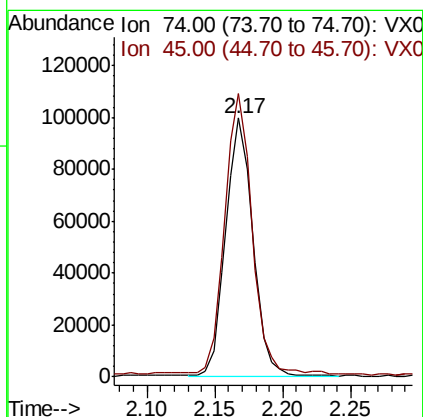
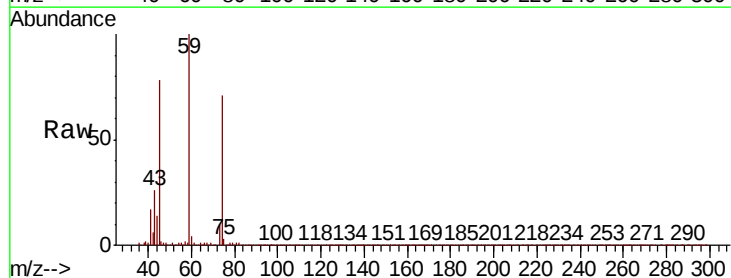
Tot Ion:101 Resp: 368218
 Ion Ratio Lower Upper
 101 100
 103 65.9 52.3 78.5

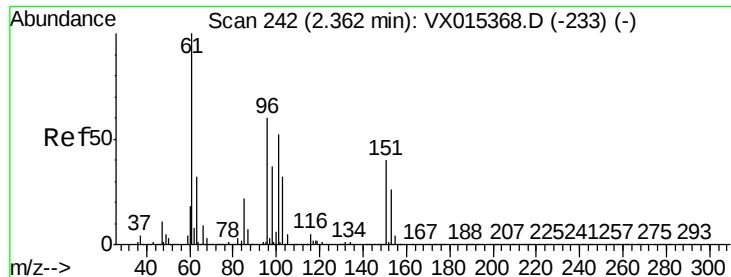


#8

Diethyl Ether
 Concen: 20.760 ug/l
 RT: 2.17 min Scan# 210
 Delta R.T. -0.00 min
 Lab File: VX015465.D
 Acq: 01 Apr 2020 14:21

Tgt Ion: 74 Resp: 137472
 Ion Ratio Lower Upper
 74 100
 45 111.7 53.8 161.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 24.078 ug/l

RT: 2.36 min Scan# 242

Delta R.T. -0.00 min

Lab File: VX015465.D

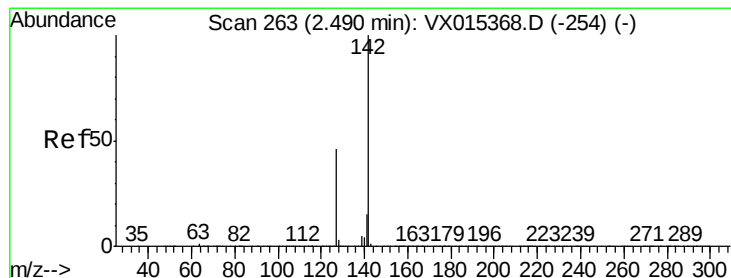
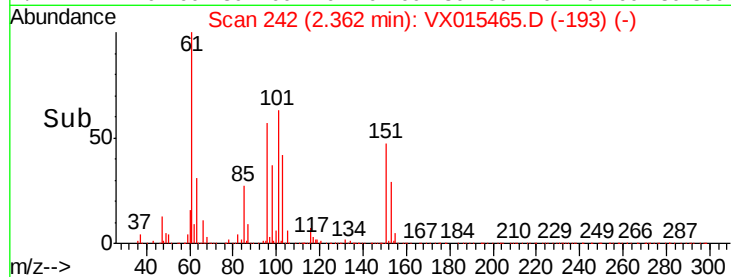
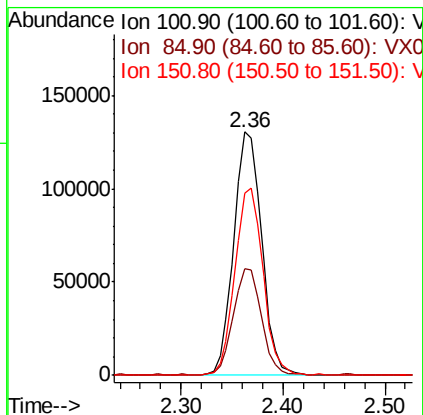
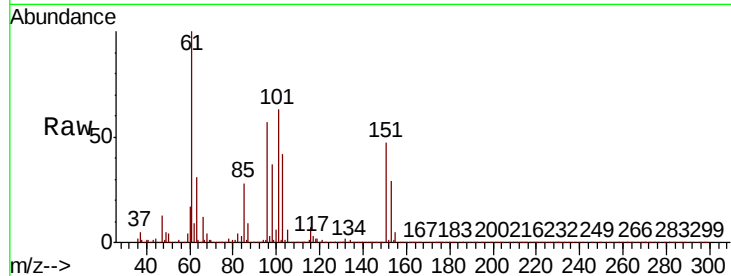
Acq: 01 Apr 2020 14:21

Instrument :

MSVOA_X

ClientSampleId :

Tot Ion:	101	Resp:	246431
Ion	Ratio	Lower	Upper
101	100		
85	43.6	35.0	52.4
151	77.6	64.1	96.1



#10

Methyl Iodide

Concen: 19.991 ug/l

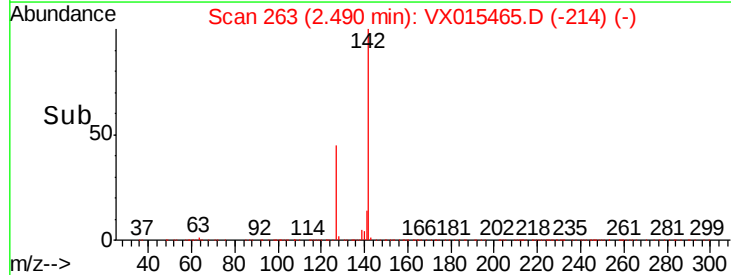
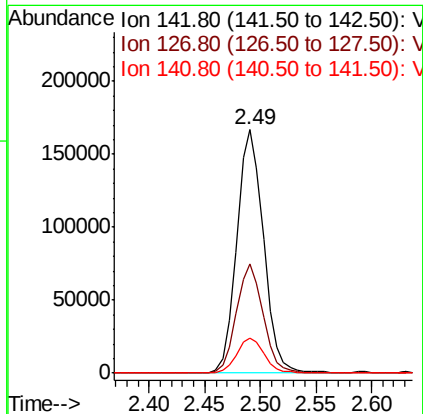
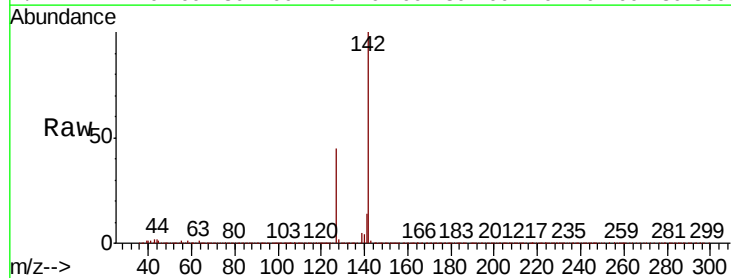
RT: 2.49 min Scan# 263

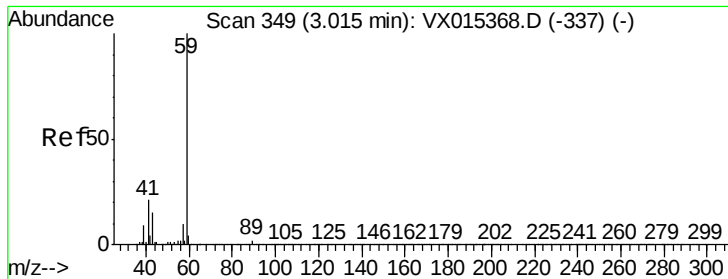
Delta R.T. -0.00 min

Lab File: VX015465.D

Acq: 01 Apr 2020 14:21

Tgt Ion:	142	Resp:	275844
Ion	Ratio	Lower	Upper
142	100		
127	45.0	35.9	53.9
141	15.3	11.6	17.4

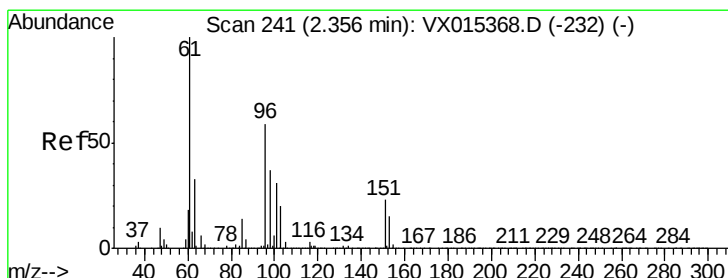
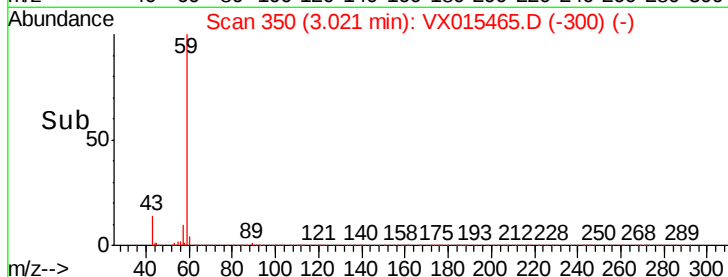
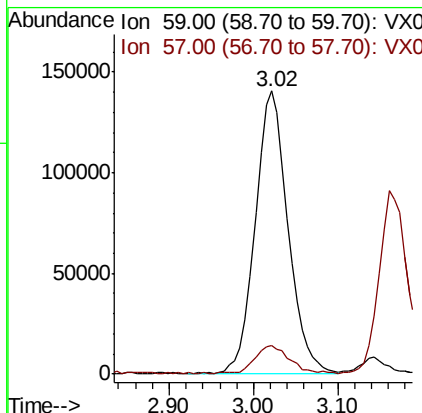
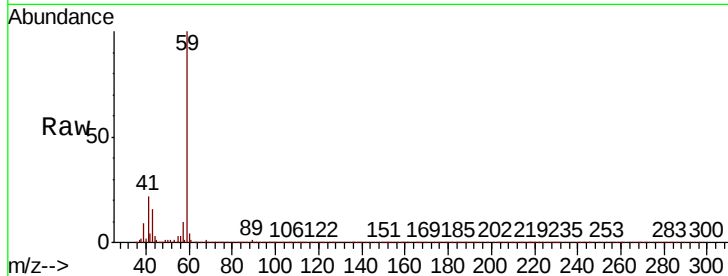




#11
Tert butyl alcohol
Concen: 97.401 ug/l
RT: 3.02 min Scan# 350
Delta R.T. 0.01 min
Lab File: VX015465.D
Acq: 01 Apr 2020 14:21

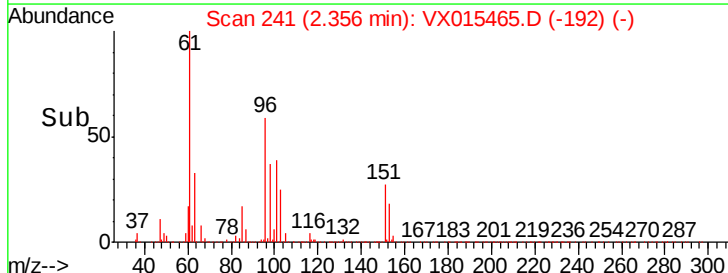
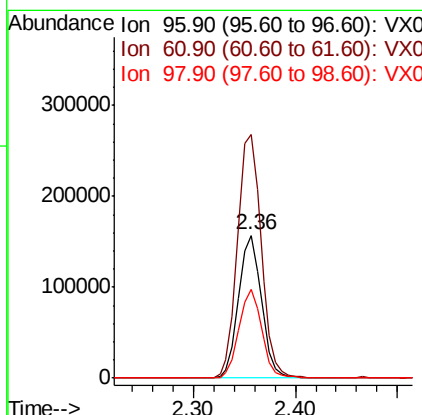
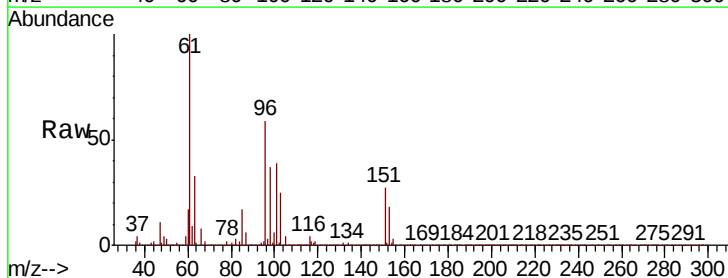
Instrument :
MSVOA_X
ClientSampleId :

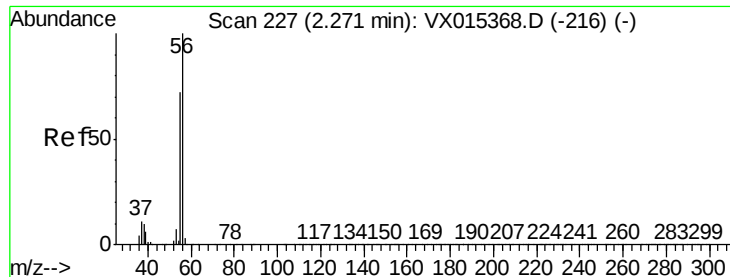
Tot Ion: 59 Resp: 373633
Ion Ratio Lower Upper
59 100
57 10.5 8.1 12.1



#12
1,1-Dichloroethene
Concen: 22.682 ug/l
RT: 2.36 min Scan# 241
Delta R.T. -0.00 min
Lab File: VX015465.D
Acq: 01 Apr 2020 14:21

Tgt Ion: 96 Resp: 243332
Ion Ratio Lower Upper
96 100
61 170.0 135.7 203.5
98 62.3 50.6 75.8





#13

Acrolein

Concen: 112.406 ug/l

RT: 2.27 min Scan# 227

Delta R.T. -0.00 min

Lab File: VX015465.D

Acq: 01 Apr 2020 14:21

Instrument :

MSVOA_X

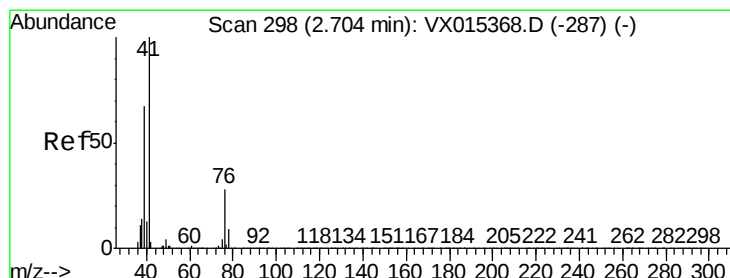
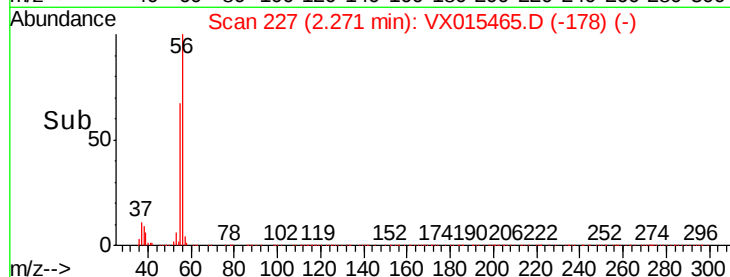
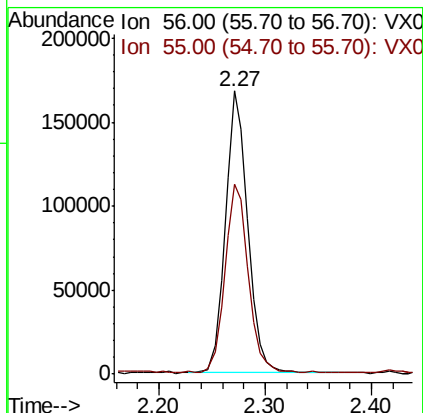
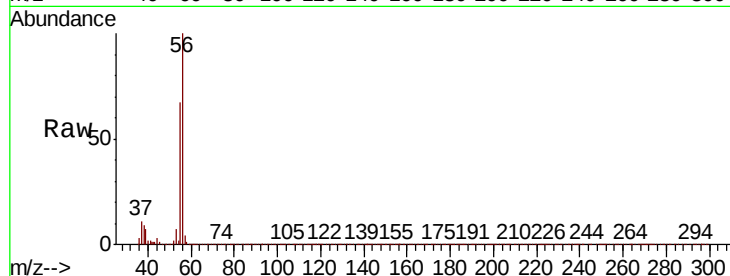
ClientSampleId :

Tot Ion: 56 Resp: 245628

Ion Ratio Lower Upper

56 100

55 69.9 57.0 85.4



#14

Allyl chloride

Concen: 21.793 ug/l

RT: 2.70 min Scan# 298

Delta R.T. -0.00 min

Lab File: VX015465.D

Acq: 01 Apr 2020 14:21

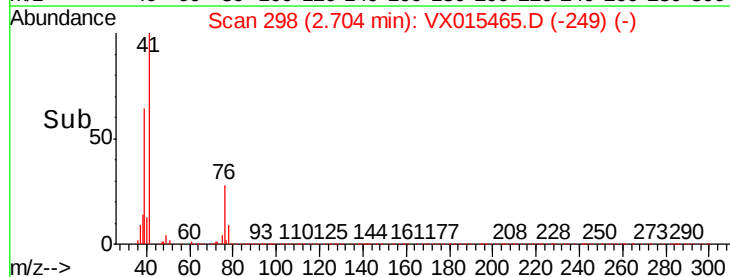
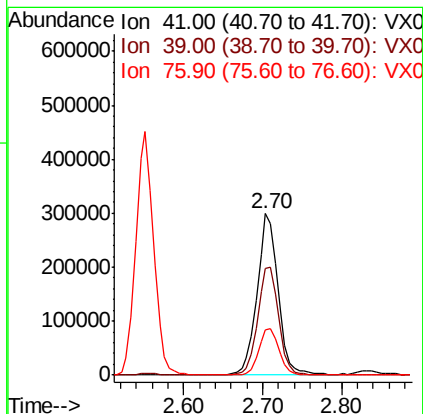
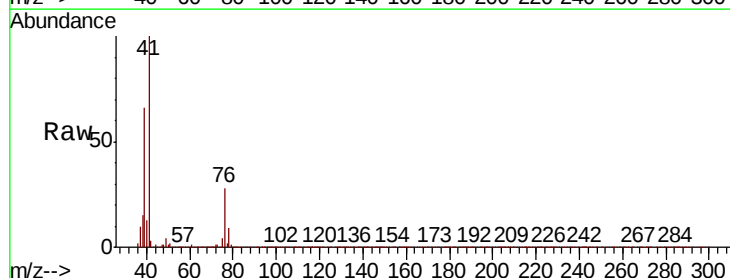
Tgt Ion: 41 Resp: 546292

Ion Ratio Lower Upper

41 100

39 66.1 51.4 77.0

76 28.1 21.8 32.8





#15

Acrylonitrile

Concen: 104.728 ug/l

RT: 3.11 min Scan# 365

Delta R.T. -0.01 min

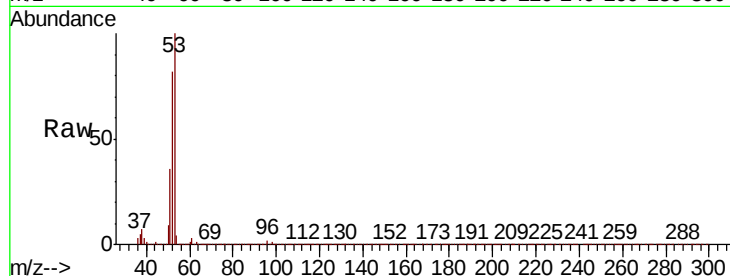
Lab File: VX015465.D

Acq: 01 Apr 2020 14:21

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 53 Resp: 766148

Ion	Ratio	Lower	Upper
53	100		
52	82.9	66.8	100.2
51	36.9	29.5	44.3

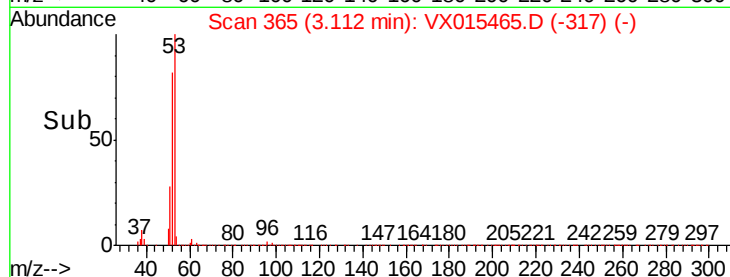


Abundance

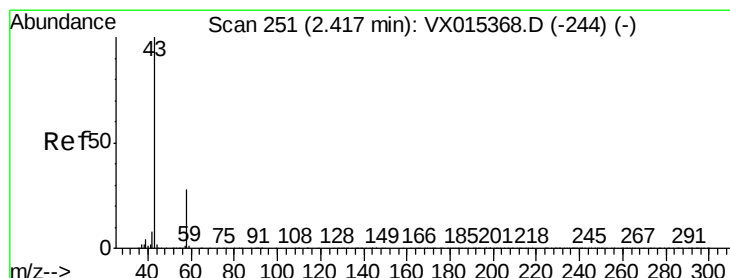
Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



Time-->



#16

Acetone

Concen: 102.711 ug/l

RT: 2.42 min Scan# 252

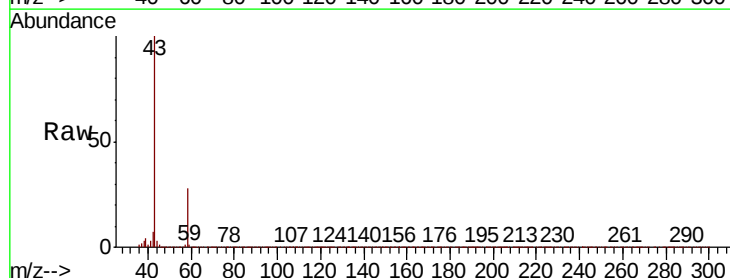
Delta R.T. 0.01 min

Lab File: VX015465.D

Acq: 01 Apr 2020 14:21

Tgt Ion: 43 Resp: 707202

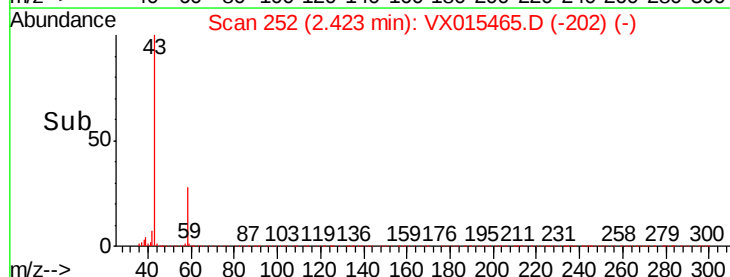
Ion	Ratio	Lower	Upper
43	100		
58	28.5	22.1	33.1



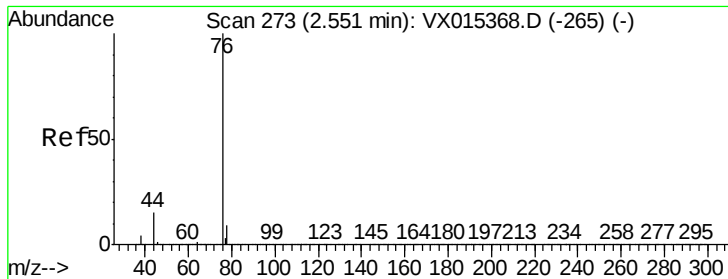
Abundance

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



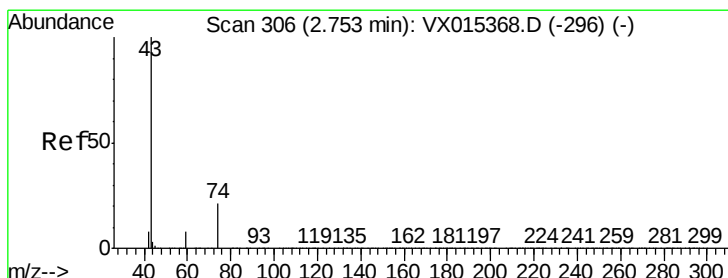
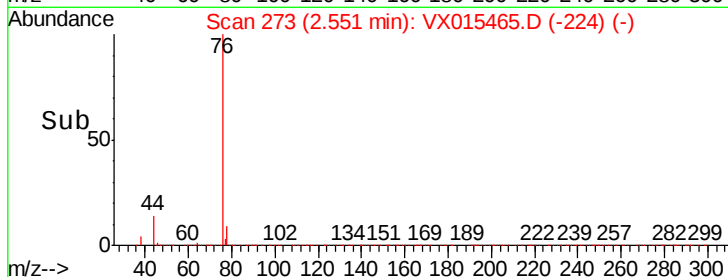
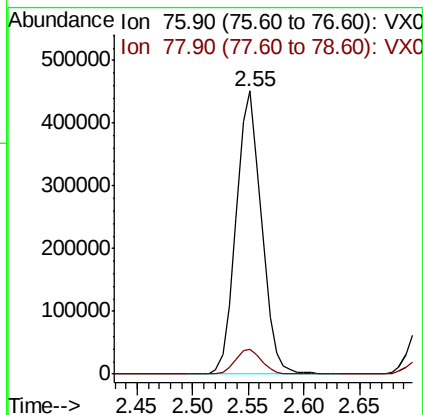
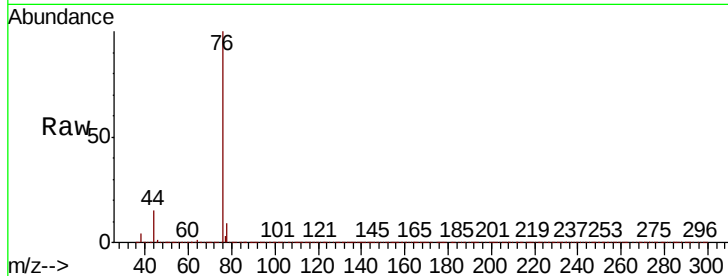
Time-->



#17
Carbon Disulfide
Concen: 21.764 ug/l
RT: 2.55 min Scan# 273
Delta R.T. -0.00 min
Lab File: VX015465.D
Acq: 01 Apr 2020 14:21

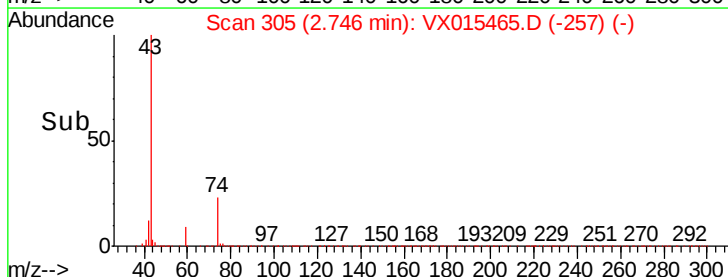
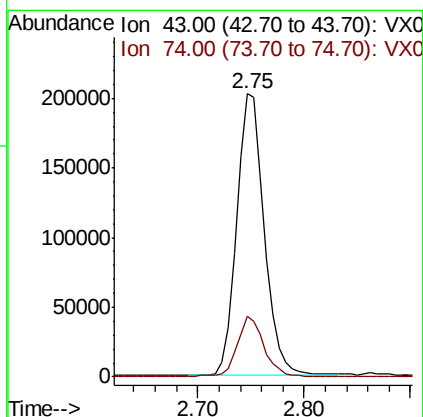
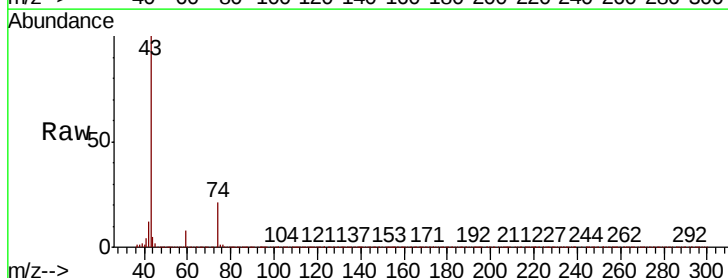
Instrument :
MSVOA_X
ClientSampled :

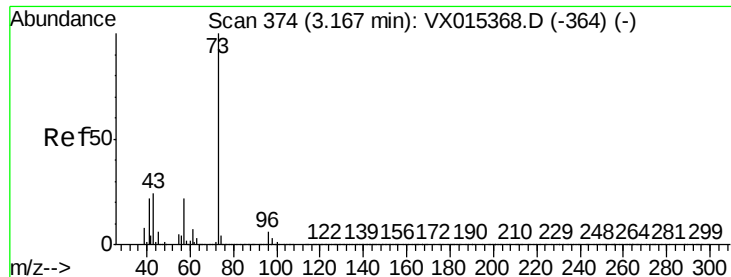
Tot Ion: 76 Resp: 712271
Ion Ratio Lower Upper
76 100
78 8.8 7.1 10.7



#18
Methyl Acetate
Concen: 20.991 ug/l
RT: 2.75 min Scan# 305
Delta R.T. -0.01 min
Lab File: VX015465.D
Acq: 01 Apr 2020 14:21

Tgt Ion: 43 Resp: 368888
Ion Ratio Lower Upper
43 100
74 20.7 16.5 24.7

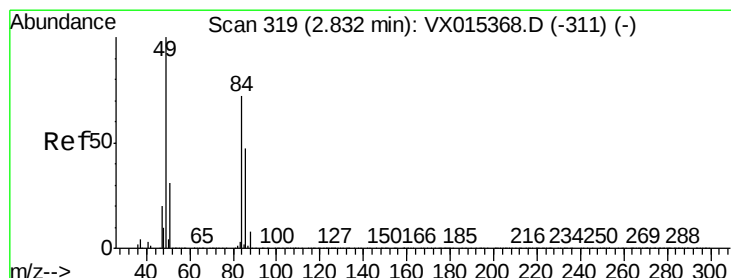
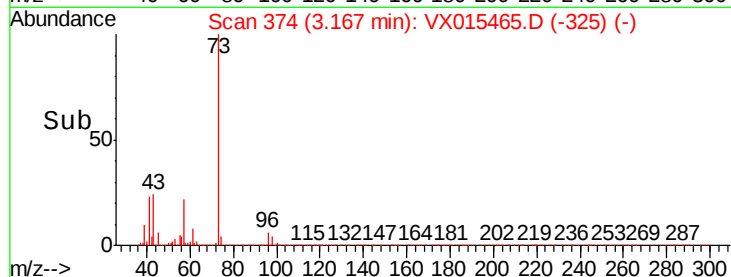
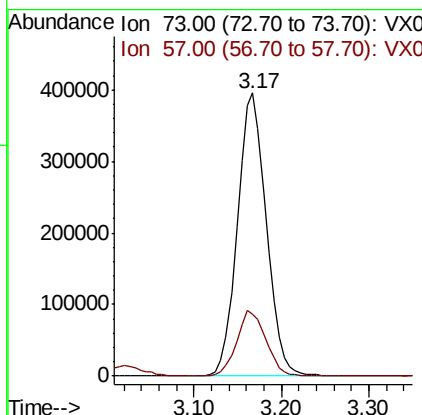
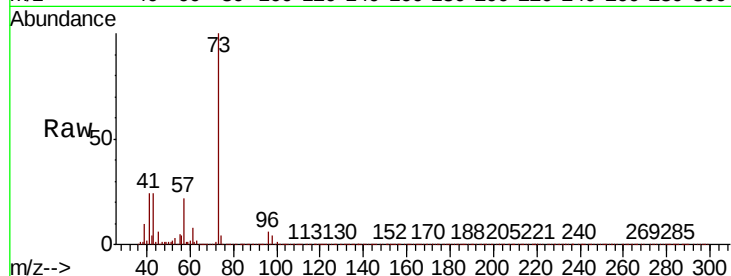




#19
Methyl tert-butyl Ether
Concen: 21.676 ug/l
RT: 3.17 min Scan# 374
Delta R.T. -0.00 min
Lab File: VX015465.D
Acq: 01 Apr 2020 14:21

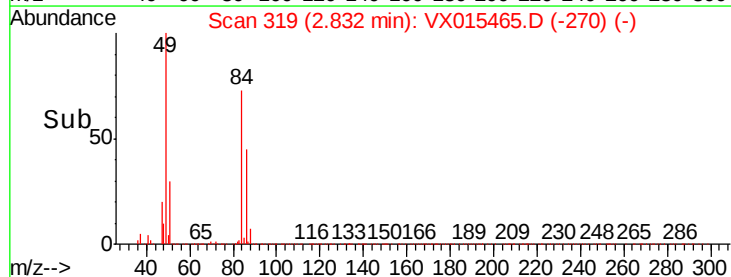
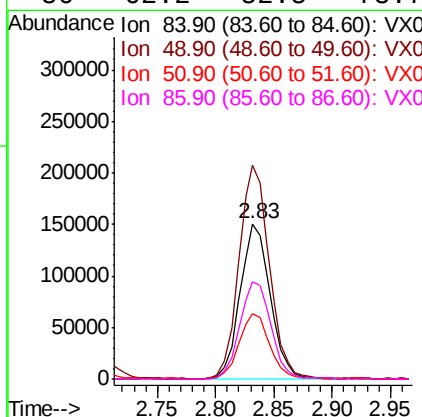
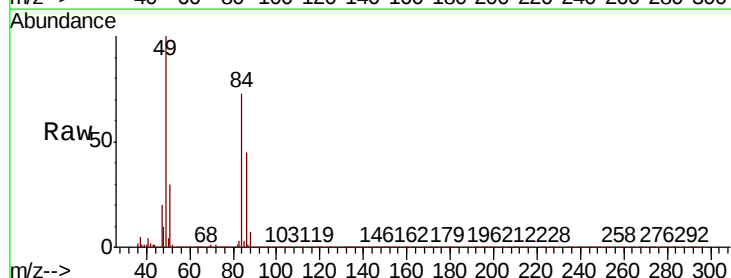
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 73 Resp: 901884
Ion Ratio Lower Upper
73 100
57 21.8 17.9 26.9



#20
Methylene Chloride
Concen: 21.136 ug/l
RT: 2.83 min Scan# 319
Delta R.T. -0.00 min
Lab File: VX015465.D
Acq: 01 Apr 2020 14:21

Tgt Ion: 84 Resp: 271832
Ion Ratio Lower Upper
84 100
49 137.5 111.3 166.9
51 41.4 34.0 51.0
86 62.2 52.5 78.7





#21

trans-1,2-Dichloroethene

Concen: 21.603 ug/l

RT: 3.14 min Scan# 370

Delta R.T. -0.00 min

Lab File: VX015465.D

Acq: 01 Apr 2020 14:21

Instrument :

MSVOA_X

ClientSampleId :

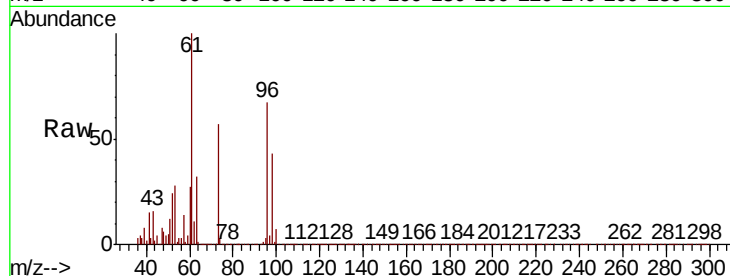
Tot Ion: 96 Resp: 257202

Ion Ratio Lower Upper

96 100

61 148.0 116.9 175.3

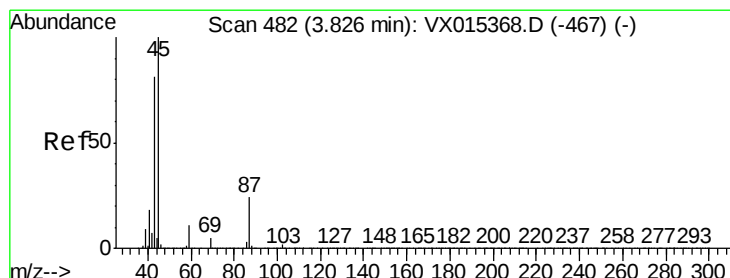
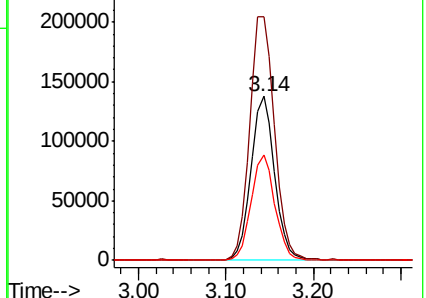
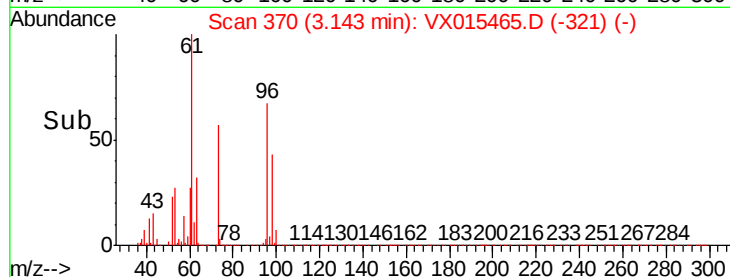
98 63.9 48.6 73.0



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 22.731 ug/l

RT: 3.83 min Scan# 482

Delta R.T. -0.00 min

Lab File: VX015465.D

Acq: 01 Apr 2020 14:21

Tgt Ion: 45 Resp: 1009678

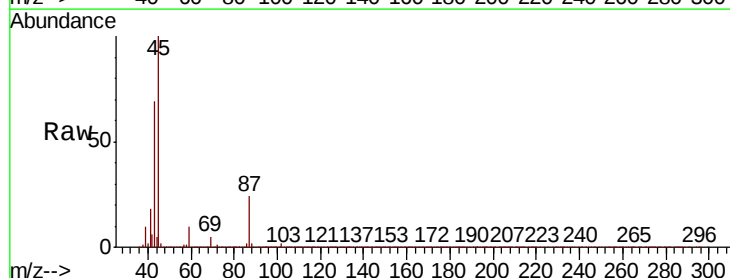
Ion Ratio Lower Upper

45 100

43 68.4 64.7 97.1

87 23.7 19.4 29.0

59 10.1 8.7 13.1

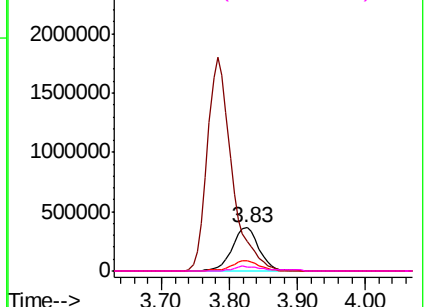
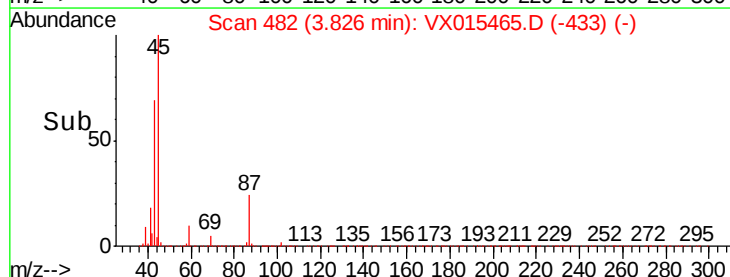


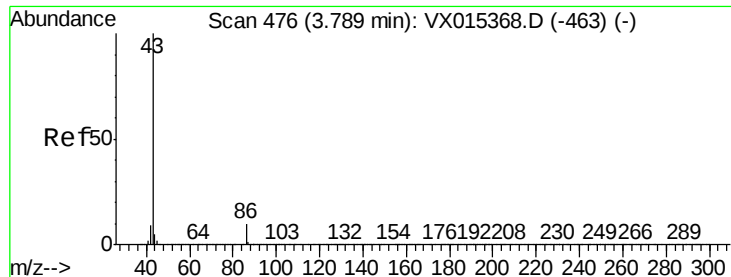
Abundance Ion 45.00 (44.70 to 45.70): VX0

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: 112.860 ug/l

RT: 3.78 min Scan# 475

Delta R.T. -0.01 min

Lab File: VX015465.D

Acq: 01 Apr 2020 14:21

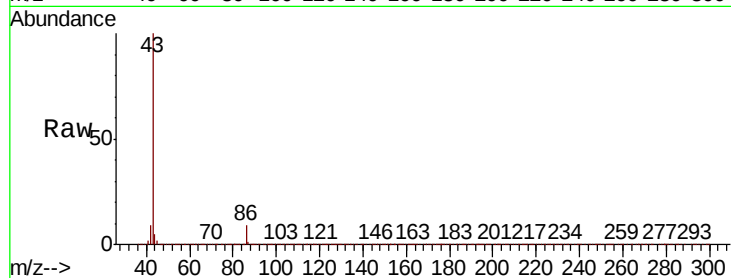
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 43 Resp: 4538886

Ion Ratio Lower Upper

43 100

86 9.2 7.8 11.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

3.78

2000000

1500000

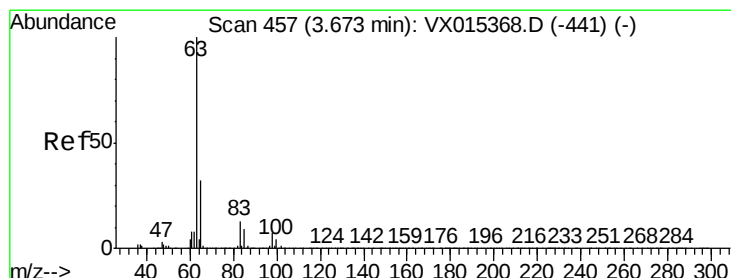
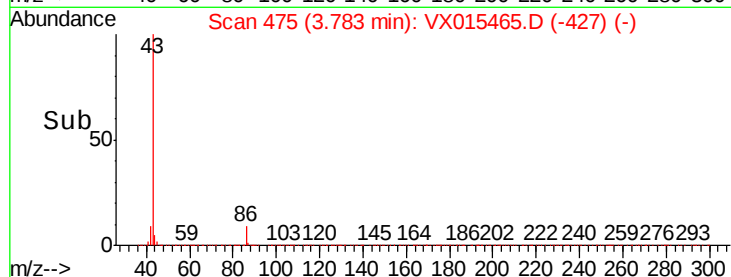
1000000

500000

0

Time-->

3.60 3.80 4.00



#24

1,1-Dichloroethane

Concen: 22.007 ug/l

RT: 3.67 min Scan# 456

Delta R.T. -0.01 min

Lab File: VX015465.D

Acq: 01 Apr 2020 14:21

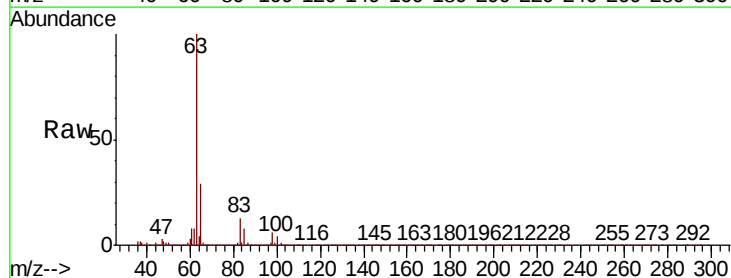
Tgt Ion: 63 Resp: 514680

Ion Ratio Lower Upper

63 100

98 5.8 3.3 9.8

100 3.6 2.1 6.5



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0

300000

250000

200000

150000

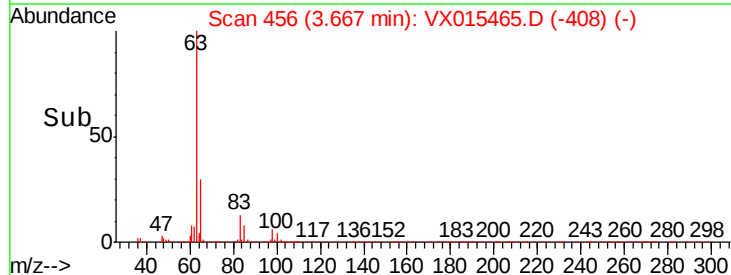
100000

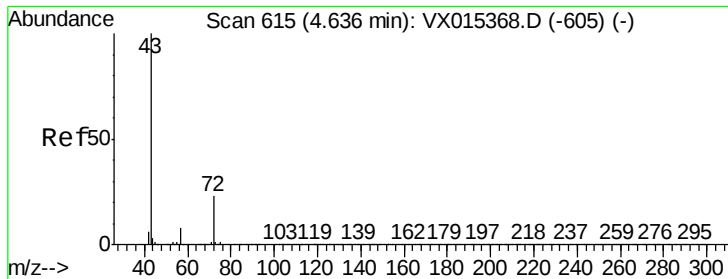
50000

0

Time-->

3.50 3.60 3.70 3.80





#25

2-Butanone

Concen: 101.598 ug/l

RT: 4.64 min Scan# 615

Delta R.T. -0.00 min

Lab File: VX015465.D

Acq: 01 Apr 2020 14:21

Instrument :

MSVOA_X

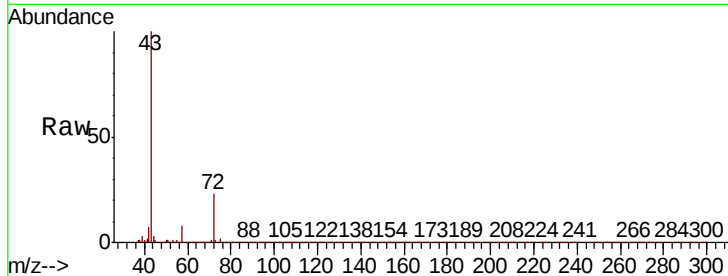
ClientSampleId :

Tot Ion: 43 Resp: 1125010

Ion Ratio Lower Upper

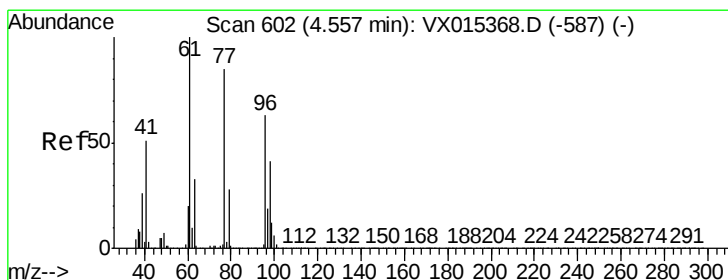
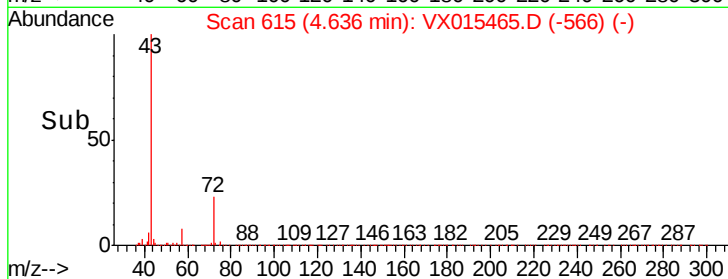
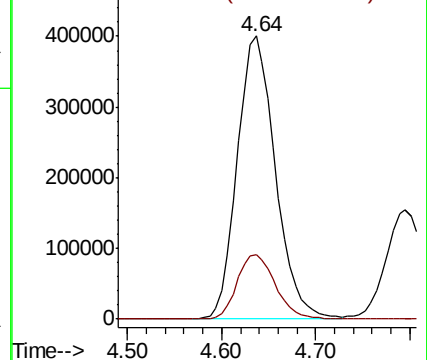
43 100

72 22.4 19.0 28.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 24.159 ug/l

RT: 4.55 min Scan# 601

Delta R.T. -0.01 min

Lab File: VX015465.D

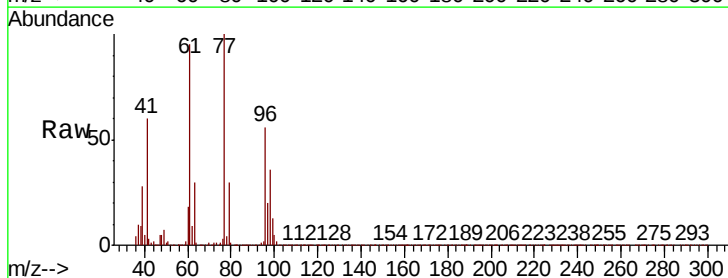
Acq: 01 Apr 2020 14:21

Tgt Ion: 77 Resp: 463768

Ion Ratio Lower Upper

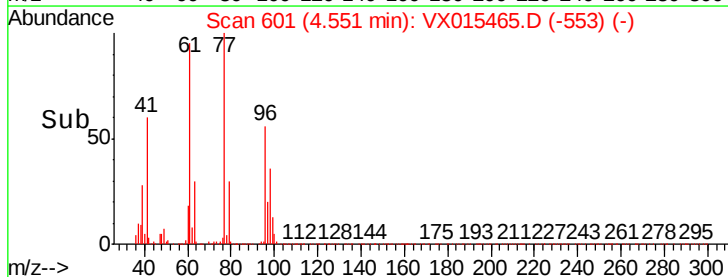
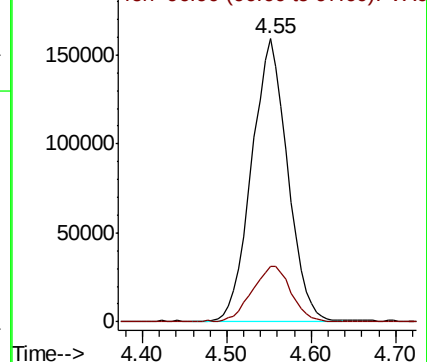
77 100

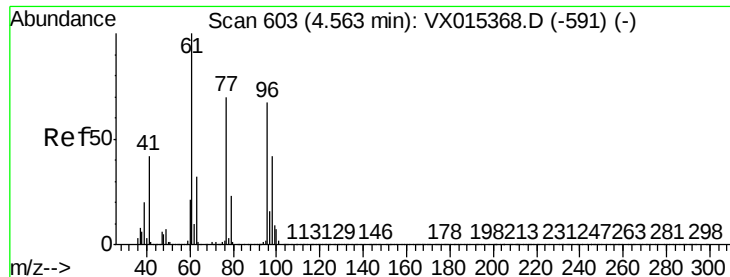
97 20.9 11.3 33.8



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0



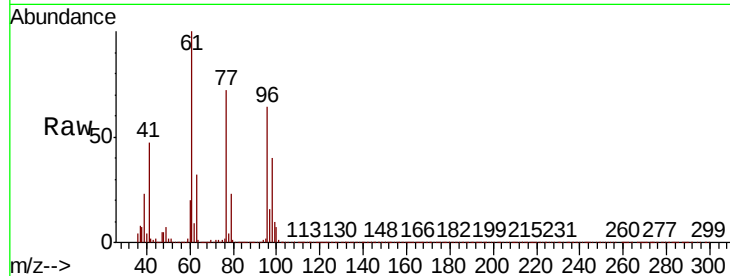


#27

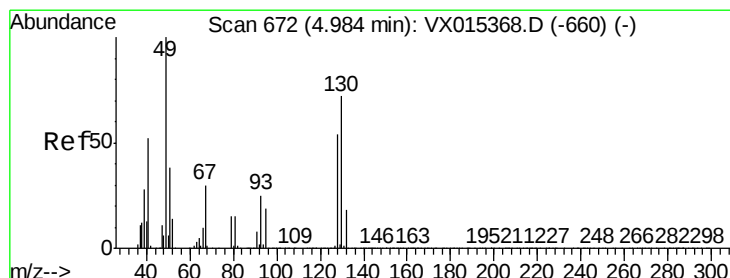
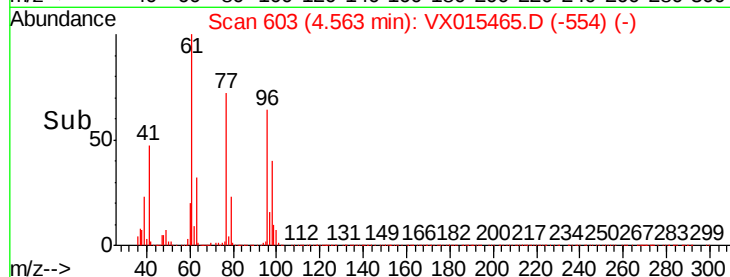
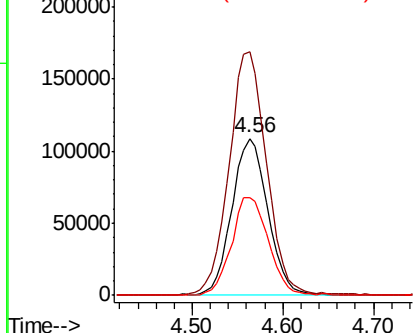
cis-1,2-Dichloroethene
Concen: 21.598 ug/l
RT: 4.56 min Scan# 603
Delta R.T. -0.00 min
Lab File: VX015465.D
Acq: 01 Apr 2020 14:21

Instrument :
MSVOA_X
ClientSampled :

Tot Ion	Ratio	Lower	Upper
96	100		
61	163.2	0.0	308.4
98	64.3	0.0	129.2



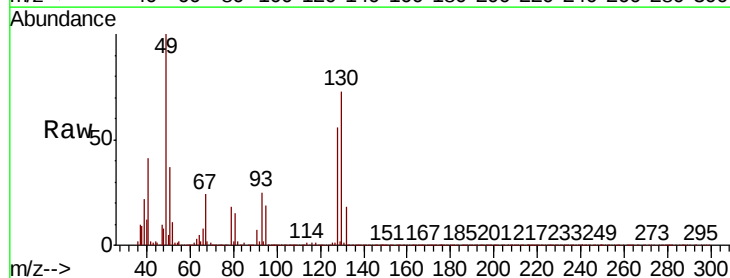
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



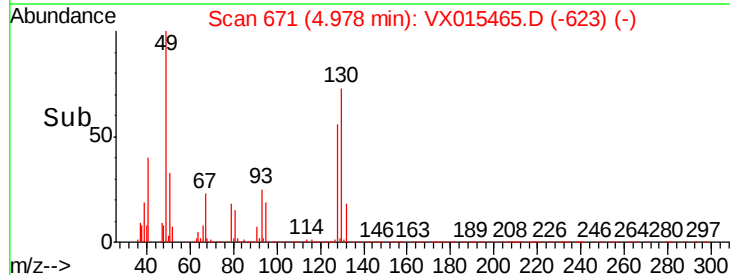
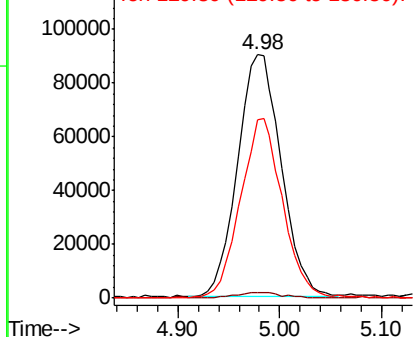
#28

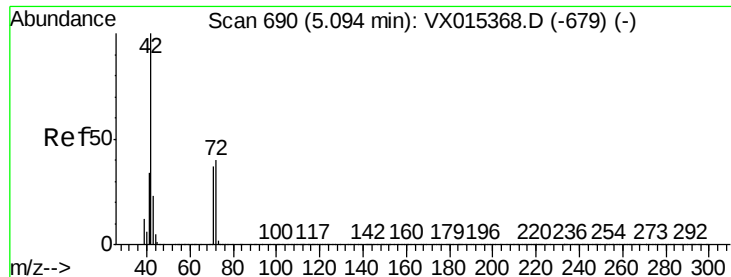
Bromochloromethane
Concen: 24.035 ug/l
RT: 4.98 min Scan# 671
Delta R.T. -0.01 min
Lab File: VX015465.D
Acq: 01 Apr 2020 14:21

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.4	0.0	4.4
130	71.1	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: 101.038 ug/l

RT: 5.09 min Scan# 689

Delta R.T. -0.01 min

Lab File: VX015465.D

Acq: 01 Apr 2020 14:21

Instrument :

MSVOA_X

ClientSampleId :

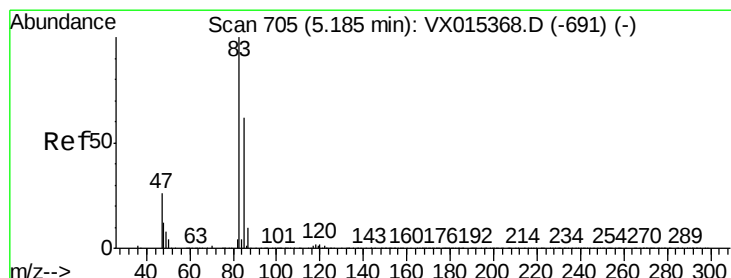
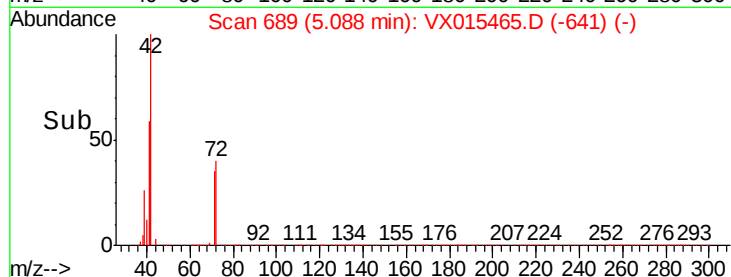
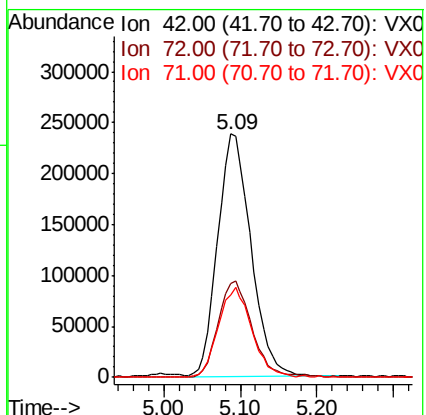
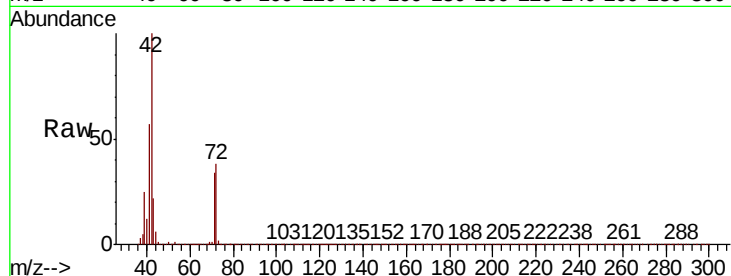
Tot Ion: 42 Resp: 719254

Ion Ratio Lower Upper

42 100

72 40.1 31.7 47.5

71 36.7 29.6 44.4



#30

Chloroform

Concen: 21.909 ug/l

RT: 5.18 min Scan# 704

Delta R.T. -0.01 min

Lab File: VX015465.D

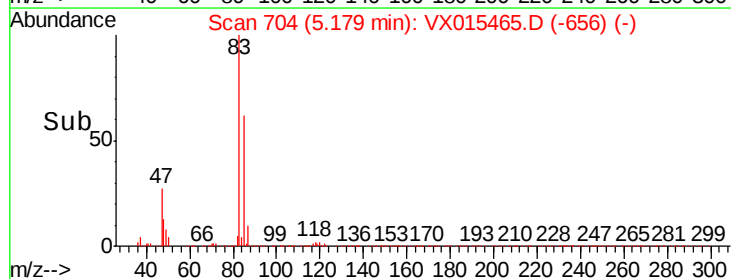
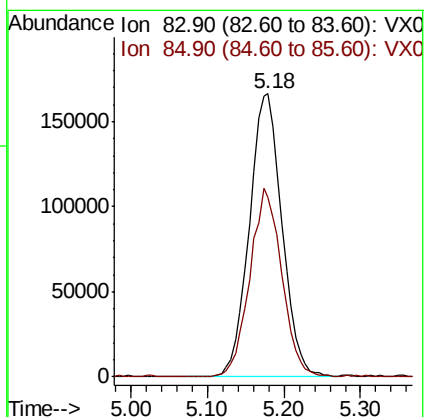
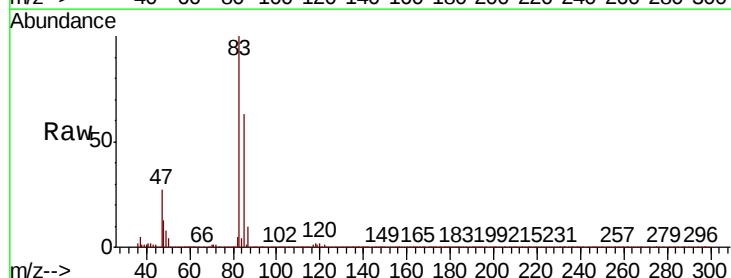
Acq: 01 Apr 2020 14:21

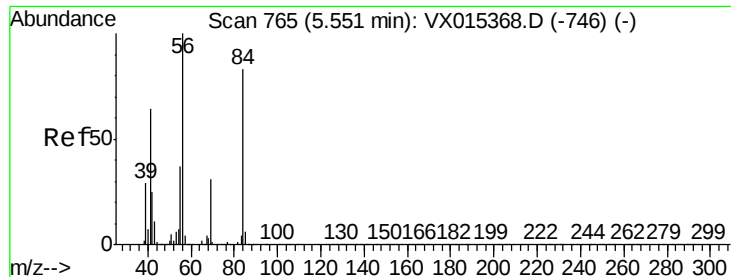
Tgt Ion: 83 Resp: 492961

Ion Ratio Lower Upper

83 100

85 63.1 49.5 74.3

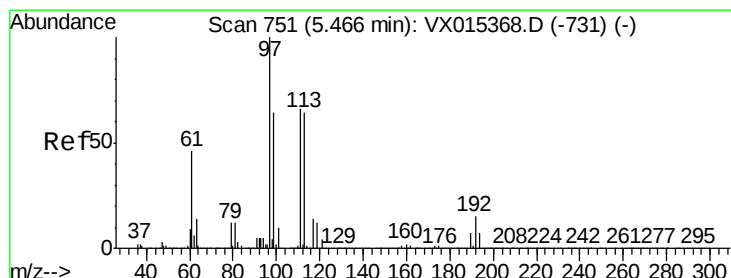
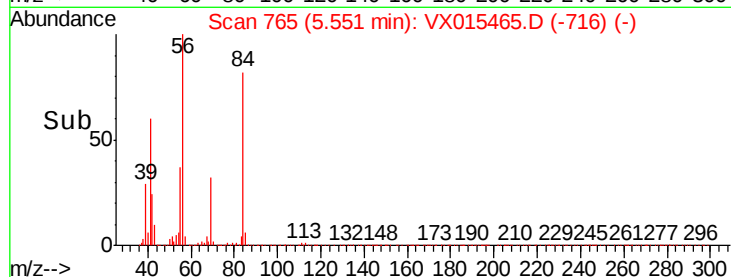
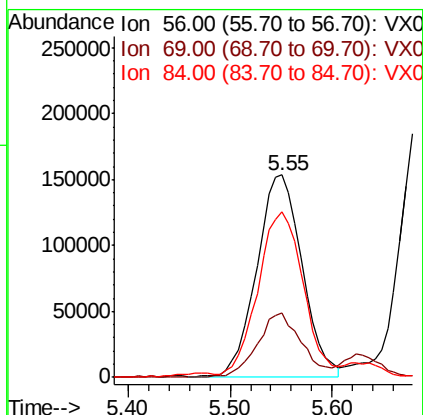
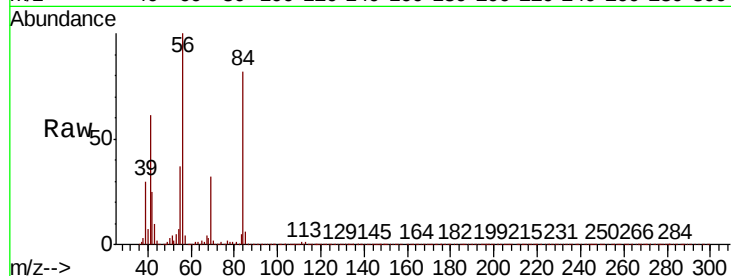




#31
Cyclohexane
Concen: 23.288 ug/l
RT: 5.55 min Scan# 765
Delta R.T. -0.00 min
Lab File: VX015465.D
Acq: 01 Apr 2020 14:21

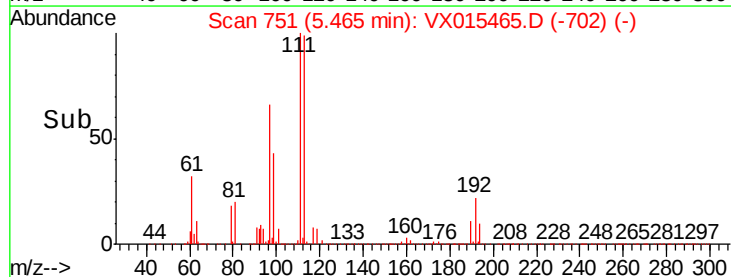
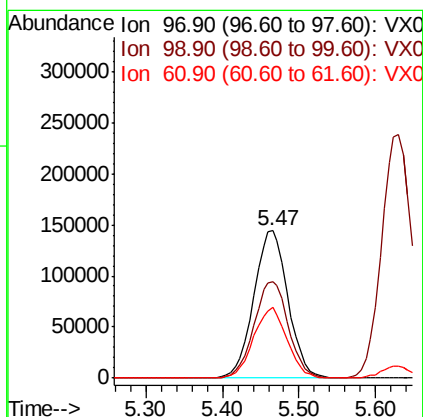
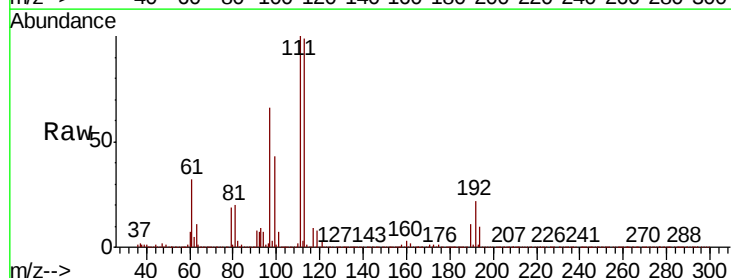
Instrument :
MSVOA_X
ClientSampleId :

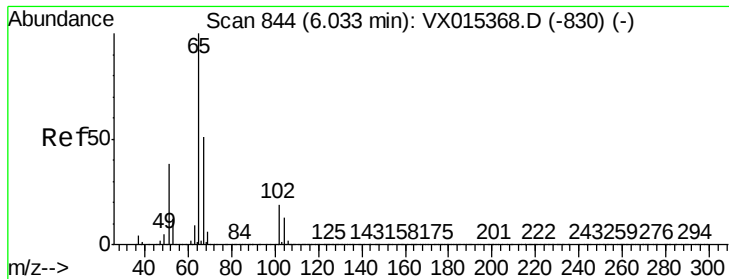
Tot Ion	Ratio	Lower	Upper
56	100		
69	31.8	24.6	36.8
84	80.4	66.1	99.1



#32
1,1,1-Trichloroethane
Concen: 21.963 ug/l
RT: 5.47 min Scan# 751
Delta R.T. -0.00 min
Lab File: VX015465.D
Acq: 01 Apr 2020 14:21

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.9	51.0	76.4
61	46.9	36.1	54.1

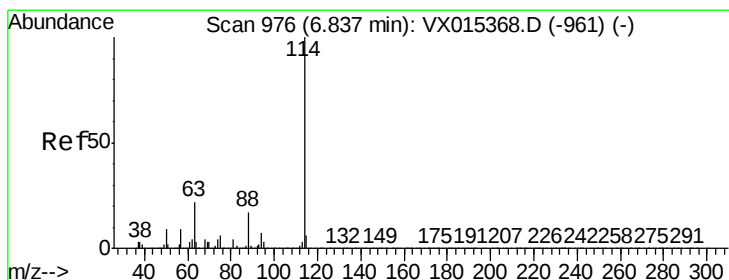
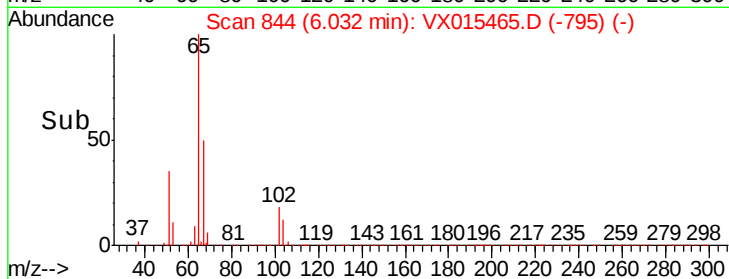
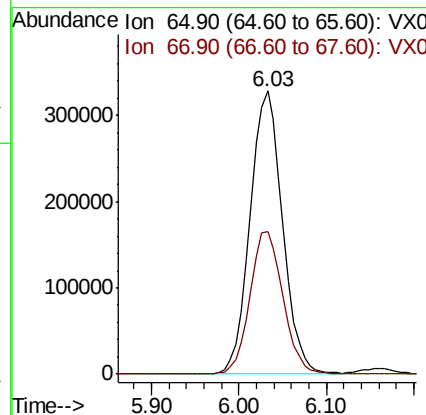
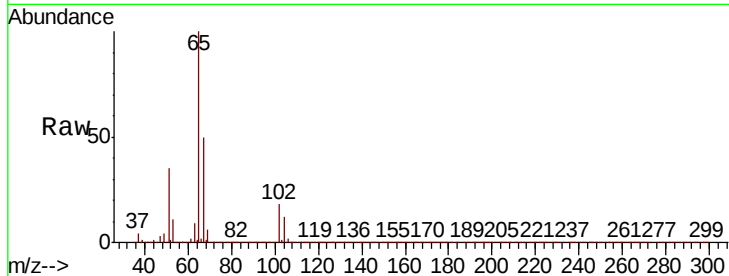




#33
 1,2-Dichloroethane-d4
 Concen: 52.515 ug/l
 RT: 6.03 min Scan# 844
 Delta R.T. -0.00 min
 Lab File: VX015465.D
 Acq: 01 Apr 2020 14:21

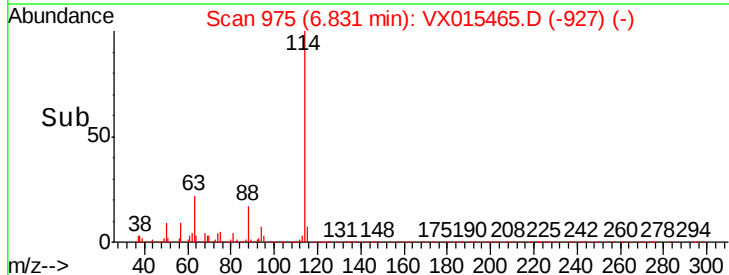
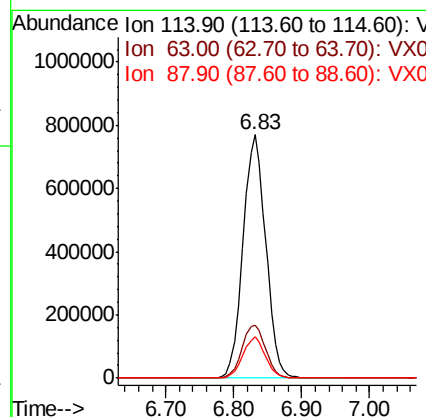
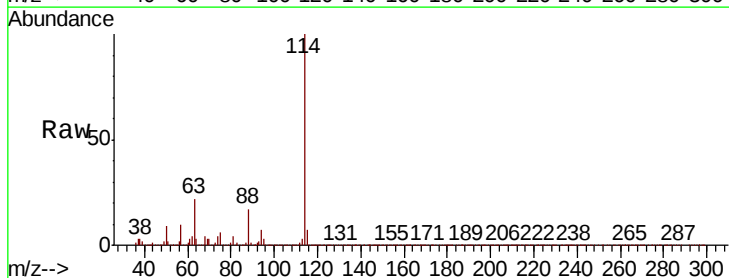
Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion: 65 Resp: 841628
 Ion Ratio Lower Upper
 65 100
 67 51.4 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: VX015465.D
 Acq: 01 Apr 2020 14:21

Tgt Ion: 114 Resp: 1784423
 Ion Ratio Lower Upper
 114 100
 63 21.7 0.0 44.2
 88 16.7 0.0 33.8

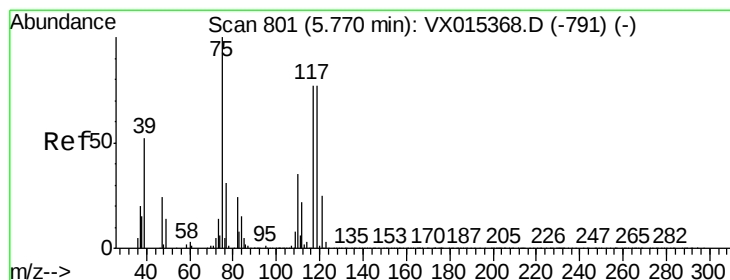
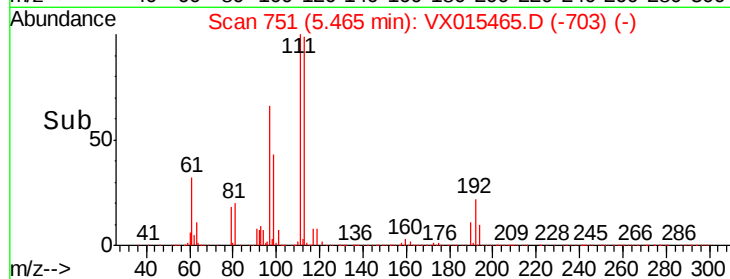
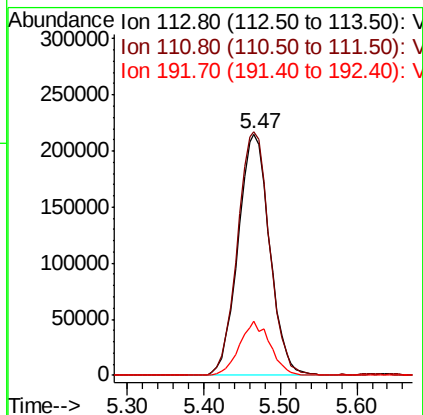
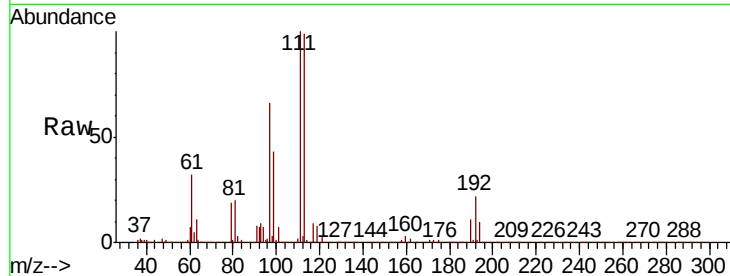




#35
 Dibromofluoromethane
 Concen: 53.898 ug/l
 RT: 5.47 min Scan# 751
 Delta R.T. -0.01 min
 Lab File: VX015465.D
 Acq: 01 Apr 2020 14:21

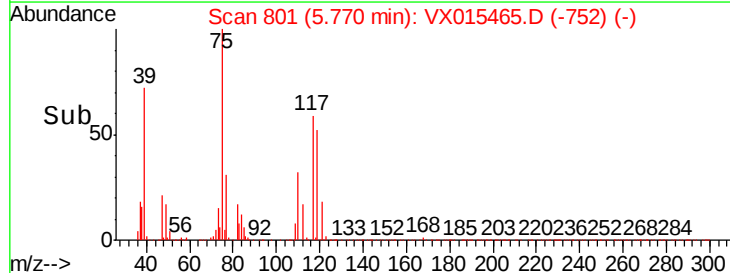
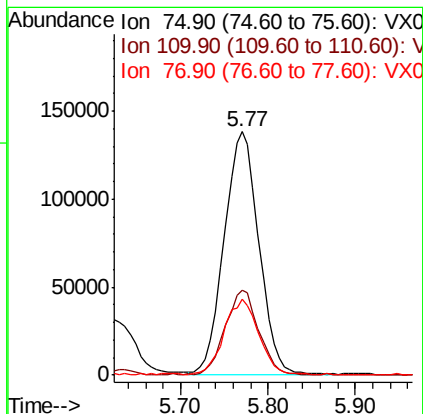
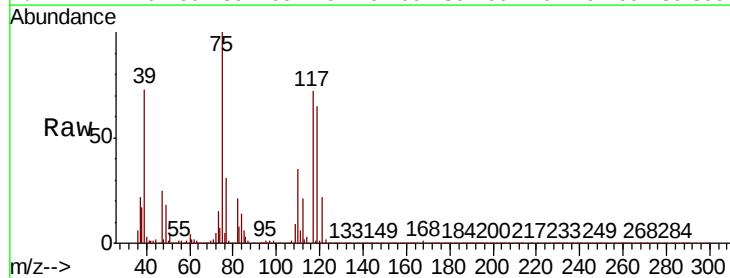
Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
113	100		
111	101.9	81.5	122.3
192	21.8	17.8	26.6



#36
 1,1-Dichloropropene
 Concen: 22.919 ug/l
 RT: 5.77 min Scan# 801
 Delta R.T. -0.00 min
 Lab File: VX015465.D
 Acq: 01 Apr 2020 14:21

Tgt Ion	Ratio	Lower	Upper
75	100		
110	33.7	17.1	51.3
77	30.7	24.6	36.8

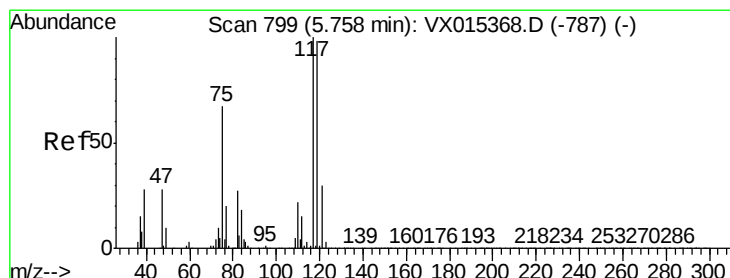
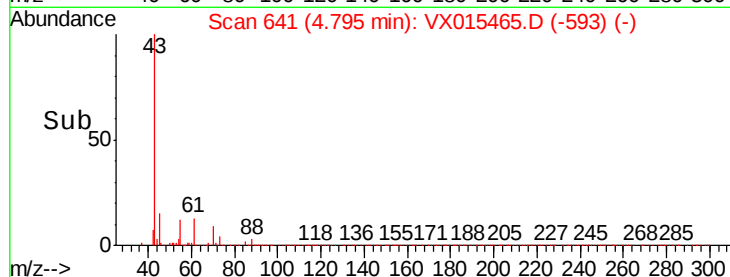
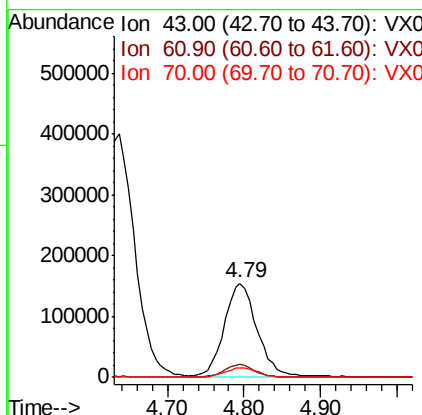
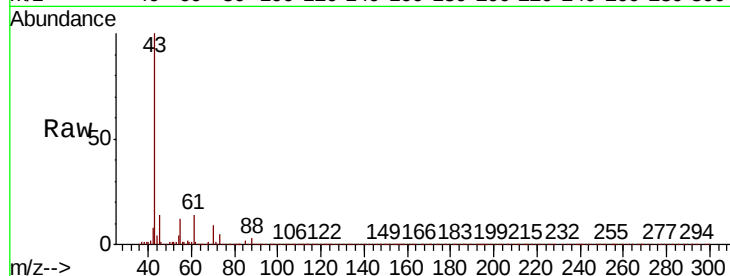




#37
Ethyl Acetate
Concen: 21.208 ug/l
RT: 4.79 min Scan# 641
Delta R.T. -0.01 min
Lab File: VX015465.D
Acq: 01 Apr 2020 14:21

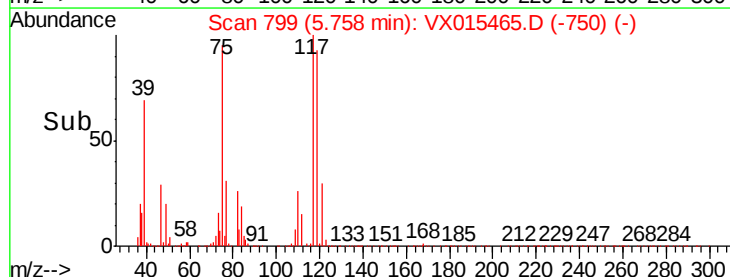
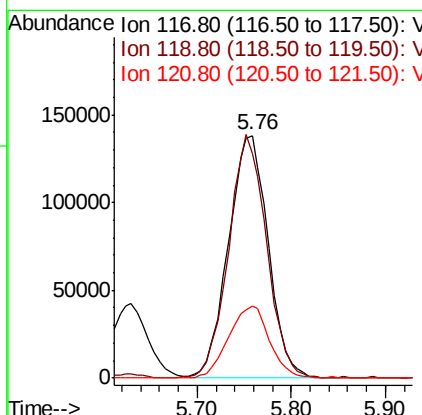
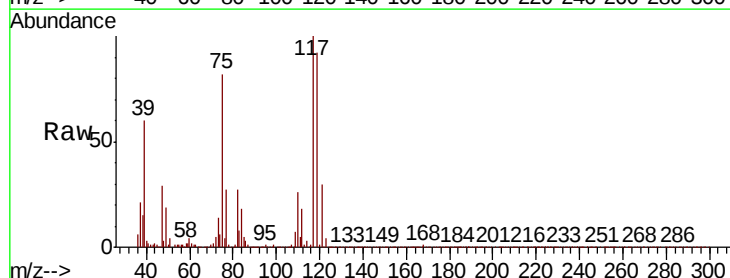
Instrument :
MSVOA_X
ClientSampleId :

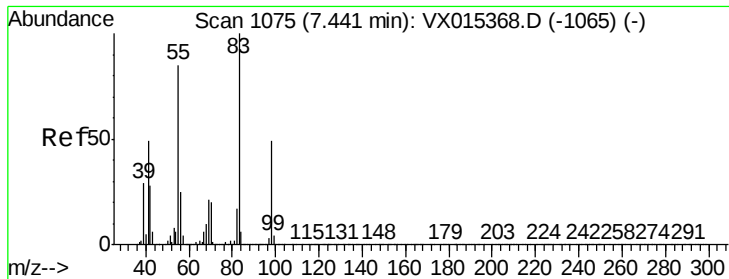
Tot Ion: 43 Resp: 454012
Ion Ratio Lower Upper
43 100
61 12.9 9.9 14.9
70 9.7 8.1 12.1



#38
Carbon Tetrachloride
Concen: 22.710 ug/l
RT: 5.76 min Scan# 799
Delta R.T. -0.00 min
Lab File: VX015465.D
Acq: 01 Apr 2020 14:21

Tgt Ion: 117 Resp: 404408
Ion Ratio Lower Upper
117 100
119 92.1 78.0 117.0
121 29.5 23.8 35.8

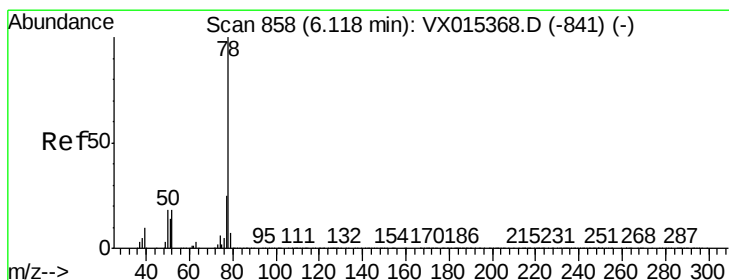
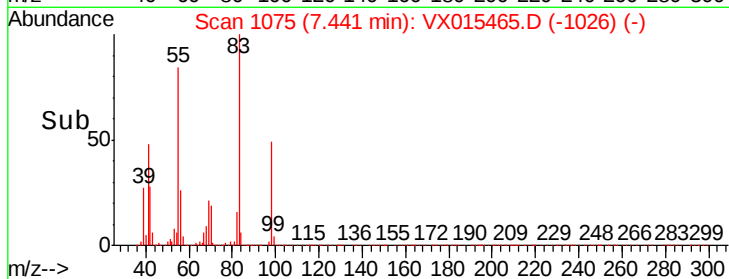
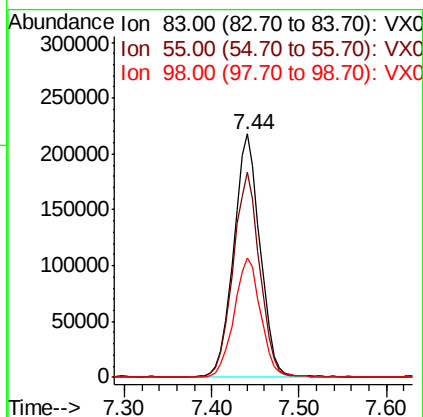
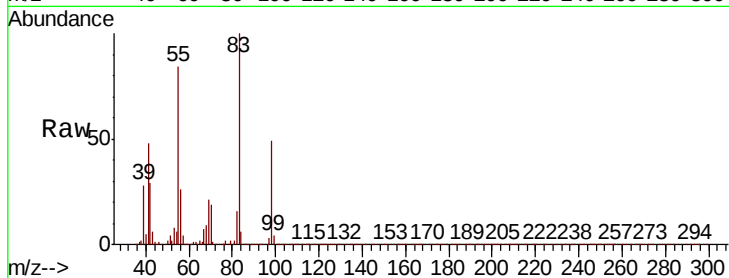




#39
Methvlcvclohexane
Concen: 23.984 ug/l
RT: 7.44 min Scan# 1075
Delta R.T. -0.00 min
Lab File: VX015465.D
Acq: 01 Apr 2020 14:21

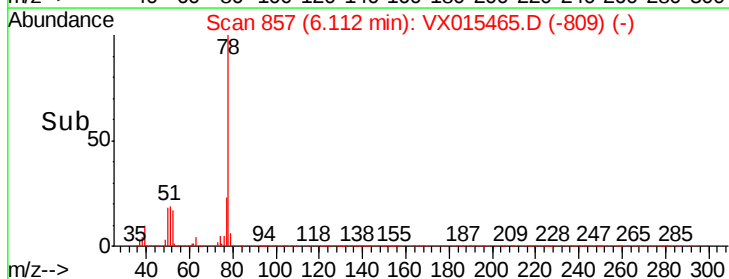
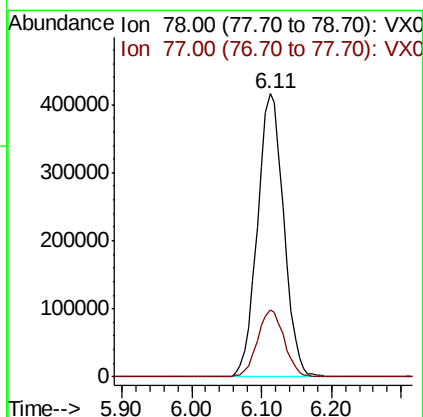
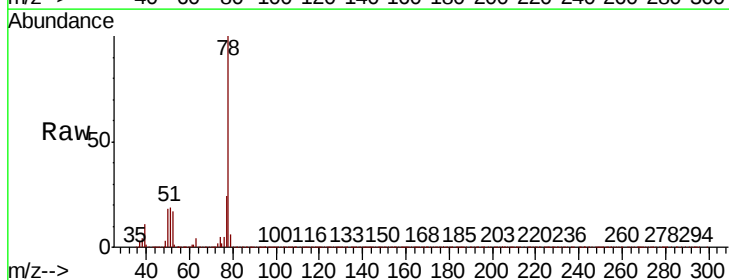
Instrument :
MSVOA_X
ClientSampleId :

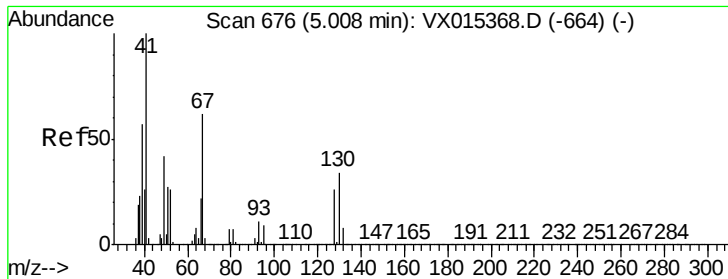
Tot Ion	83	Resp	454668
Ion Ratio	Lower	Upper	
83	100		
55	84.3	67.8	101.6
98	49.0	39.3	58.9



#40
Benzene
Concen: 22.483 ug/l
RT: 6.11 min Scan# 857
Delta R.T. -0.01 min
Lab File: VX015465.D
Acq: 01 Apr 2020 14:21

Tgt Ion	78	Resp	1082821
Ion Ratio	Lower	Upper	
78	100		
77	23.6	19.8	29.8

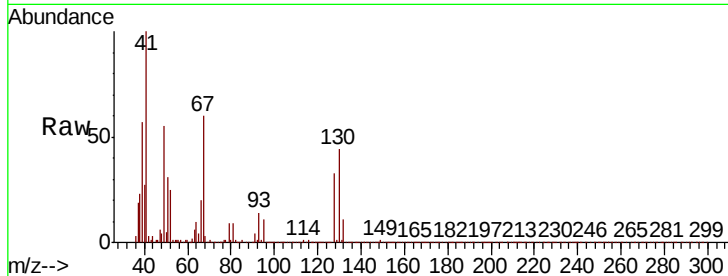




#41
Methacrylonitrile
Concen: 21.446 ug/l
RT: 5.00 min Scan# 675
Delta R.T. -0.01 min
Lab File: VX015465.D
Acq: 01 Apr 2020 14:21

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:	41	Resp:	254869
Ion	Ratio	Lower	Upper
41	100		
39	55.2	44.5	66.7
67	62.5	48.9	73.3
52	26.2	21.8	32.6



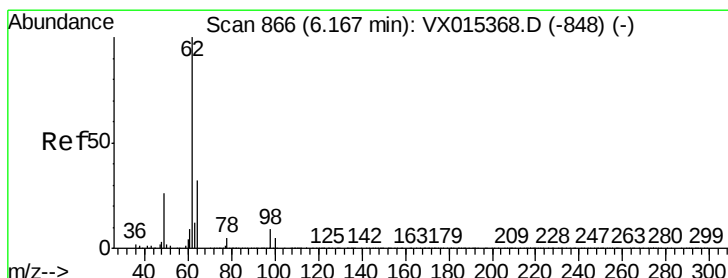
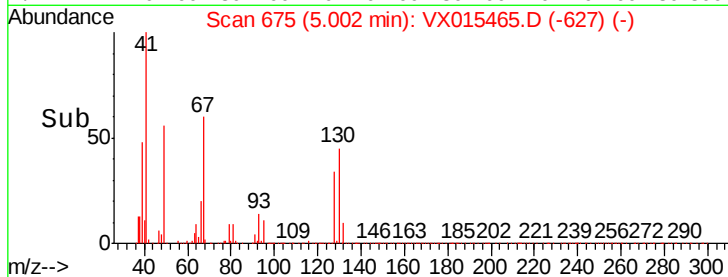
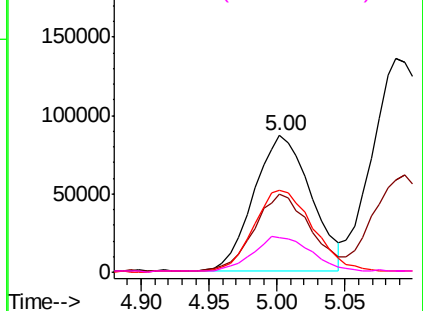
Abundance

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

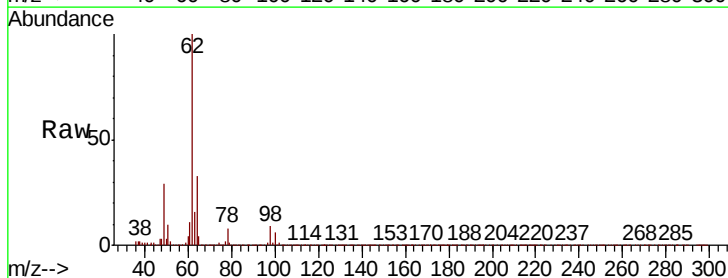
Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42
1,2-Dichloroethane
Concen: 22.212 ug/l
RT: 6.16 min Scan# 865
Delta R.T. -0.01 min
Lab File: VX015465.D
Acq: 01 Apr 2020 14:21

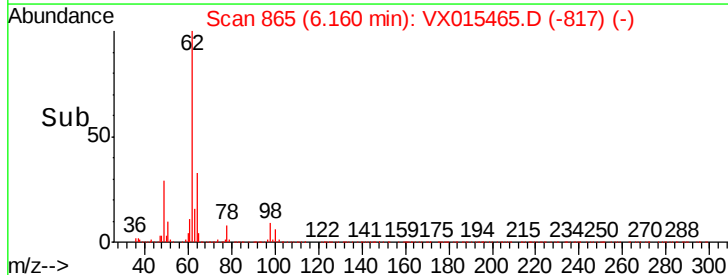
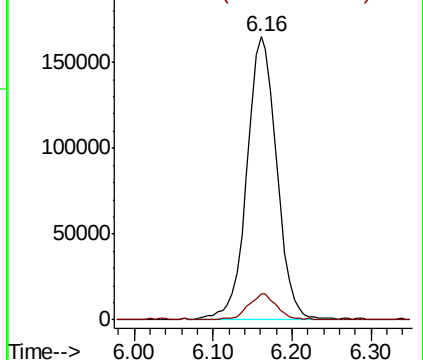
Tgt Ion:	62	Resp:	429699
Ion	Ratio	Lower	Upper
62	100		
98	8.6	0.0	17.6

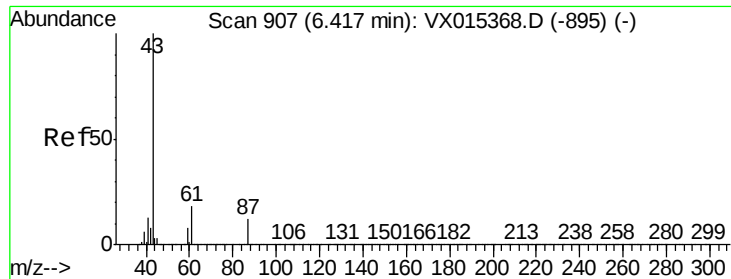


Abundance

Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 21.377 ug/l

RT: 6.41 min Scan# 906

Delta R.T. -0.01 min

Lab File: VX015465.D

Acq: 01 Apr 2020 14:21

Instrument :

MSVOA_X

ClientSampleId :

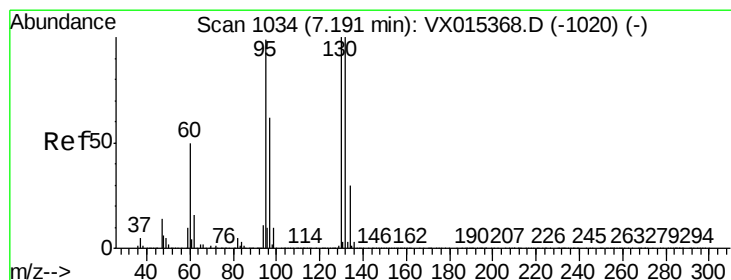
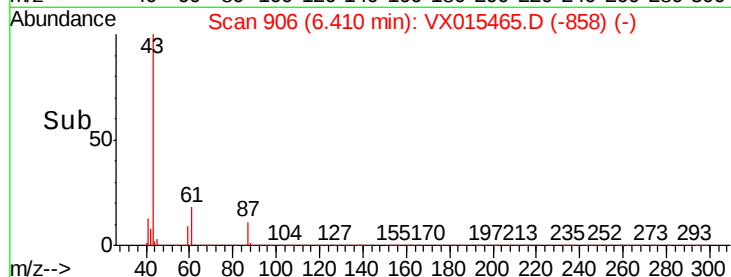
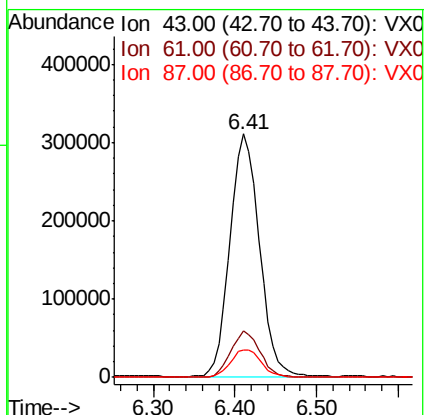
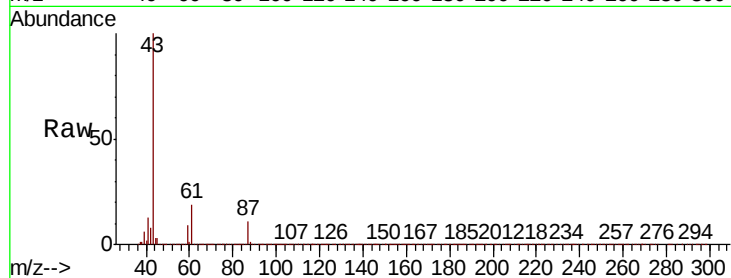
Tot Ion: 43 Resp: 772529

Ion Ratio Lower Upper

43 100

61 18.8 14.8 22.2

87 11.6 9.4 14.0



#44

Trichloroethene

Concen: 22.308 ug/l

RT: 7.19 min Scan# 1034

Delta R.T. -0.00 min

Lab File: VX015465.D

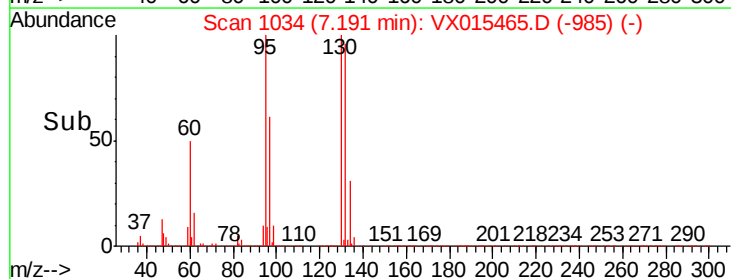
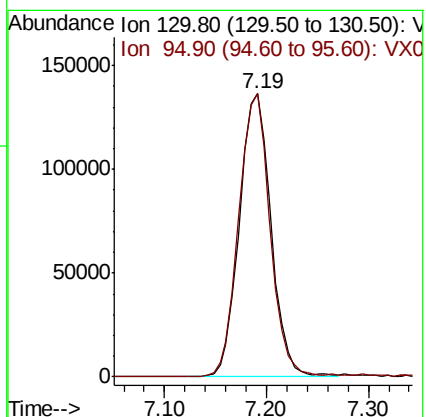
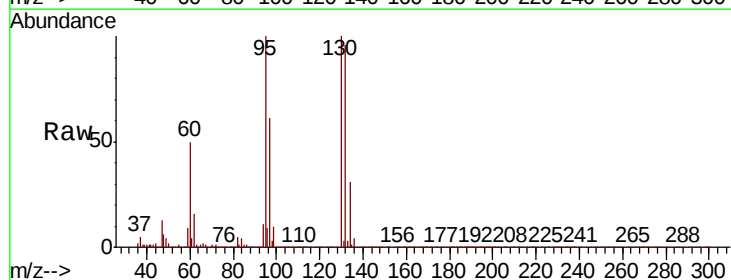
Acq: 01 Apr 2020 14:21

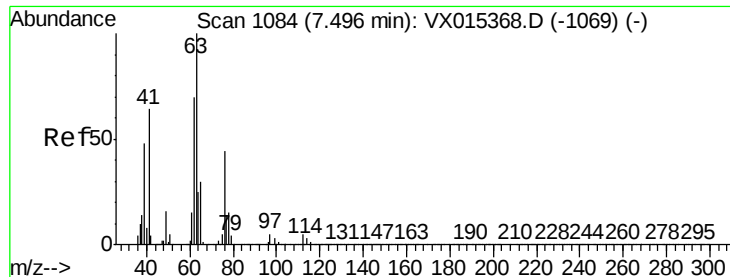
Tgt Ion: 130 Resp: 293016

Ion Ratio Lower Upper

130 100

95 99.9 0.0 199.0





#45

1,2-Dichloropropane

Concen: 21.597 ug/l

RT: 7.49 min Scan# 1083

Delta R.T. -0.01 min

Lab File: VX015465.D

Acq: 01 Apr 2020 14:21

Instrument :

MSVOA_X

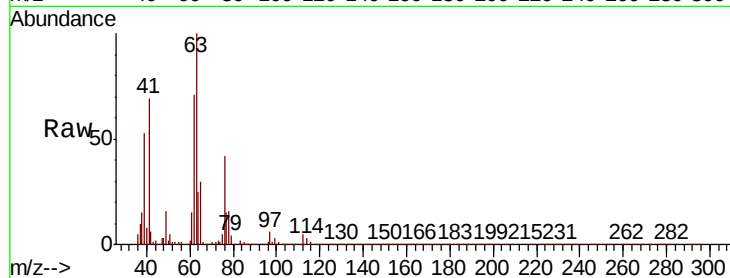
ClientSampleId :

Tot Ion: 63 Resp: 284538

Ion Ratio Lower Upper

63 100

65 29.8 23.9 35.9



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0

7.49

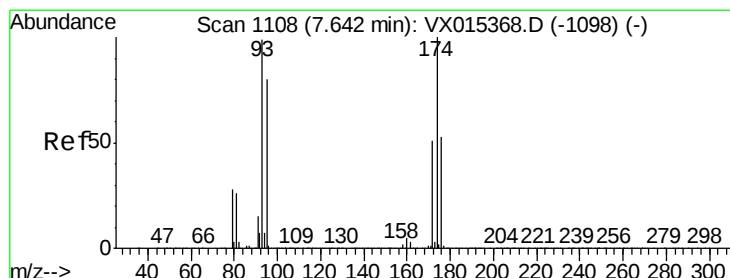
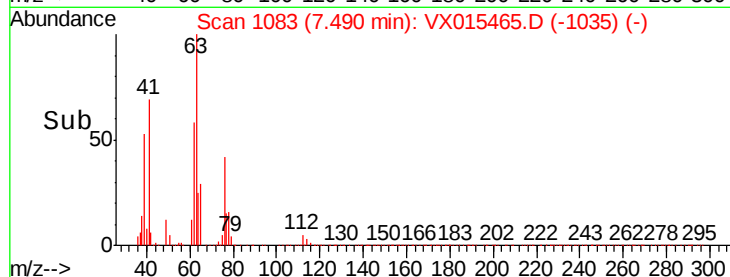
150000

100000

50000

0

Time-->



#46

Dibromomethane

Concen: 22.006 ug/l

RT: 7.64 min Scan# 1107

Delta R.T. -0.01 min

Lab File: VX015465.D

Acq: 01 Apr 2020 14:21

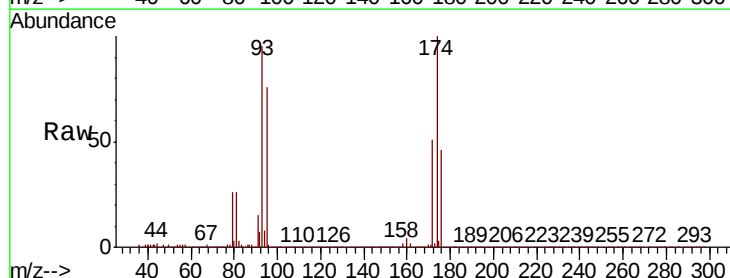
Tgt Ion: 93 Resp: 190185

Ion Ratio Lower Upper

93 100

95 81.0 65.8 98.8

174 106.0 86.2 129.2



Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V

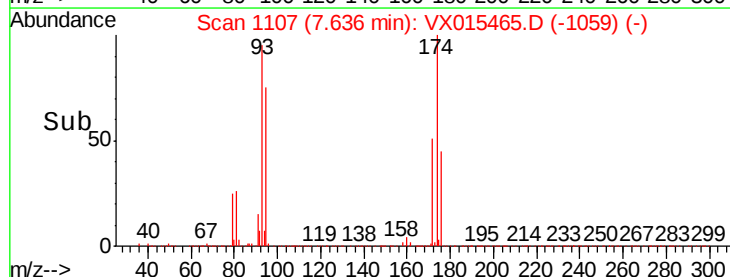
7.64

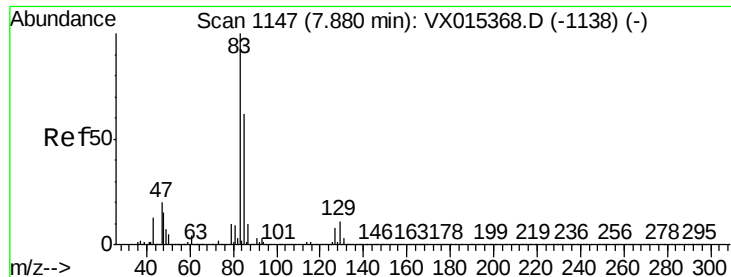
100000

50000

0

Time-->





#47

Bromodichloromethane

Concen: 22.286 ug/l

RT: 7.87 min Scan# 1146

Delta R.T. -0.01 min

Lab File: VX015465.D

Acq: 01 Apr 2020 14:21

Instrument :
MSVOA_X
ClientSampleId :

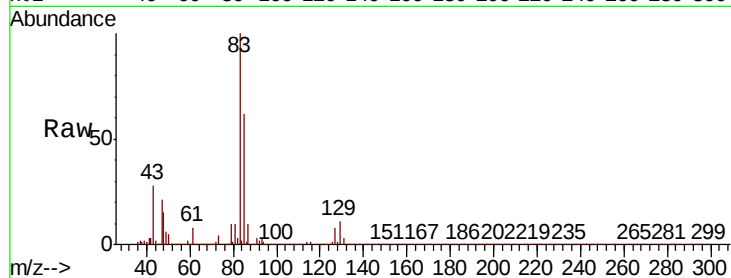
Tot Ion: 83 Resp: 410410

Ion Ratio Lower Upper

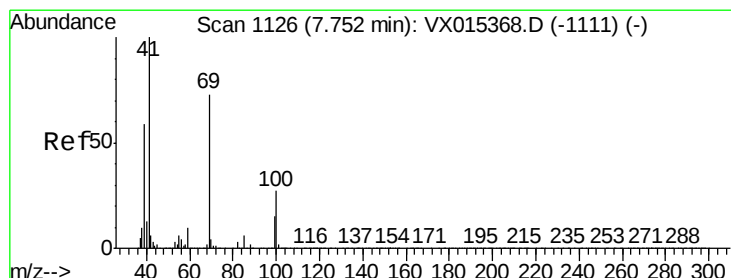
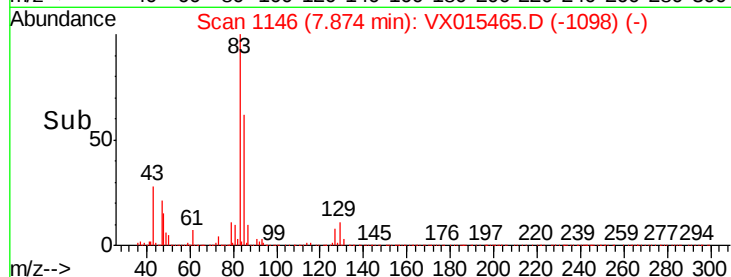
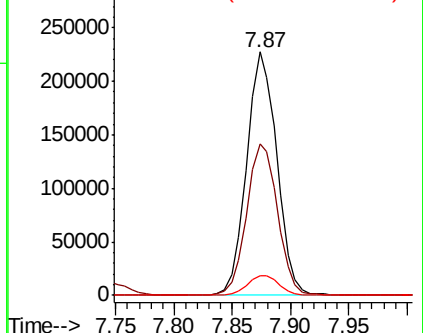
83 100

85 62.2 49.7 74.5

127 7.8 6.7 10.1



Abundance Ion 82.90 (82.60 to 83.60): VX0
Ion 84.90 (84.60 to 85.60): VX0
Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 21.337 ug/l

RT: 7.75 min Scan# 1125

Delta R.T. -0.01 min

Lab File: VX015465.D

Acq: 01 Apr 2020 14:21

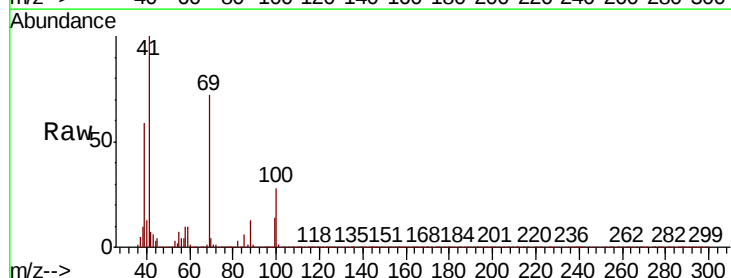
Tgt Ion: 41 Resp: 385147

Ion Ratio Lower Upper

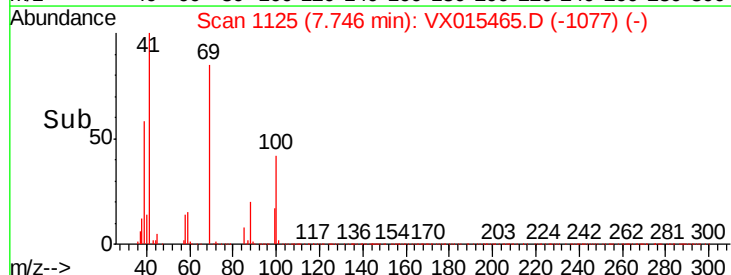
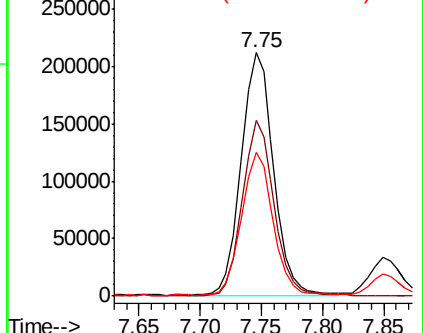
41 100

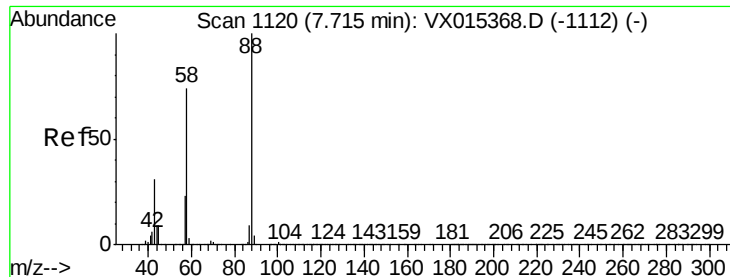
69 71.3 56.7 85.1

39 57.6 46.5 69.7



Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 39.00 (38.70 to 39.70): VX0





#49

1,4-Dioxane

Concen: 432.449 ug/l

RT: 7.73 min Scan# 1122

Delta R.T. 0.01 min

Lab File: VX015465.D

Acq: 01 Apr 2020 14:21

Instrument :
MSVOA_X
ClientSampleId :

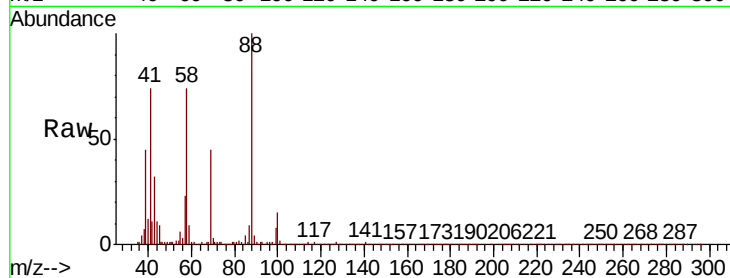
Tot Ion: 88 Resp: 145623

Ion Ratio Lower Upper

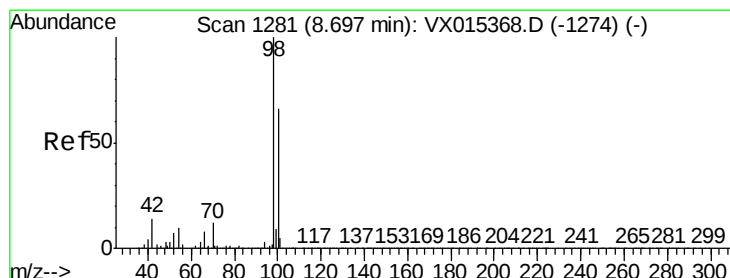
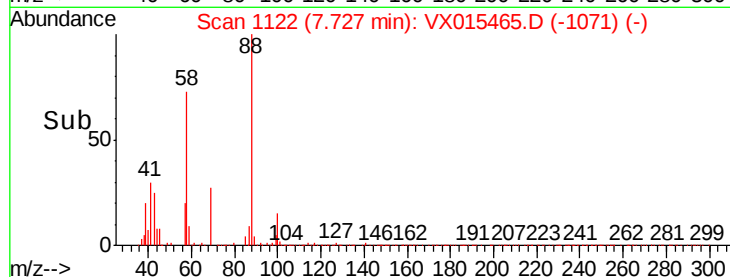
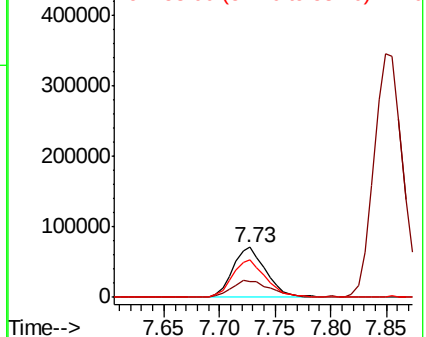
88 100

43 38.3 30.1 45.1

58 75.6 60.6 90.8



Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0



#50

Toluene-d8

Concen: 53.175 ug/l

RT: 8.70 min Scan# 1281

Delta R.T. -0.00 min

Lab File: VX015465.D

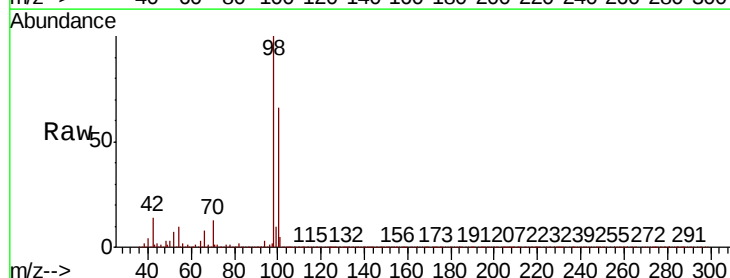
Acq: 01 Apr 2020 14:21

Tgt Ion: 98 Resp: 2233128

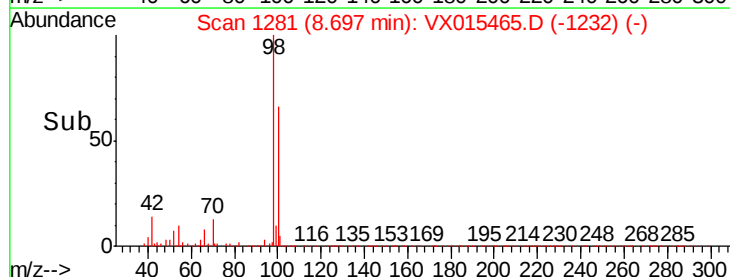
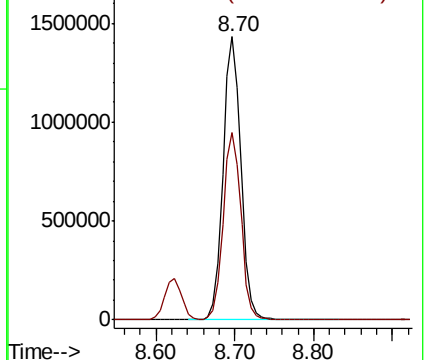
Ion Ratio Lower Upper

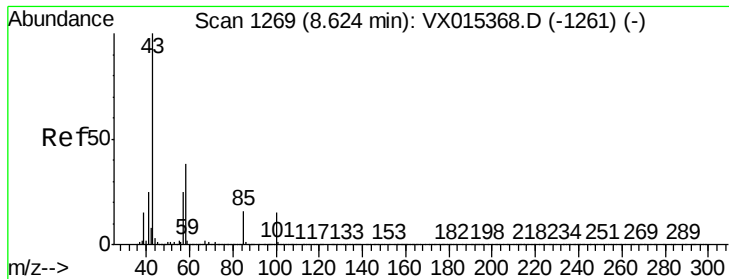
98 100

100 66.2 53.5 80.3



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





#51

4-Methyl-2-Pentanone

Concen: 107.900 ug/l

RT: 8.62 min Scan# 1269

Delta R.T. -0.00 min

Lab File: VX015465.D

Acq: 01 Apr 2020 14:21

Instrument :

MSVOA_X

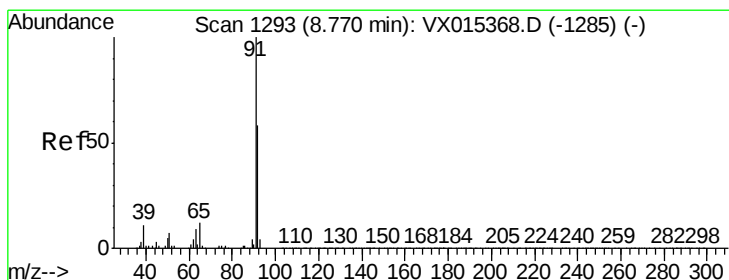
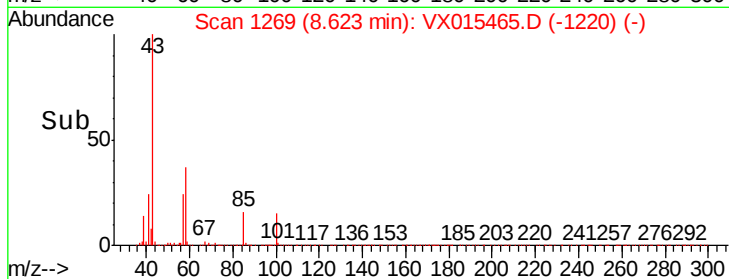
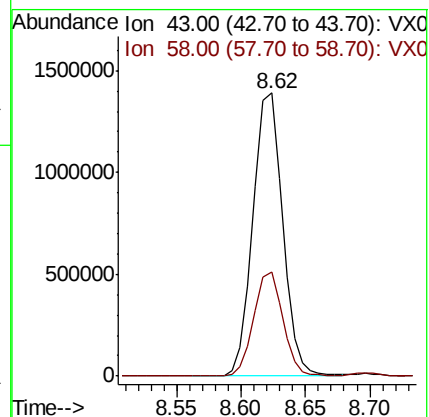
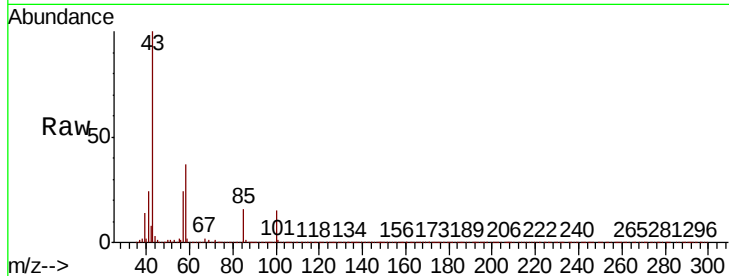
ClientSampleId :

Tot Ion: 43 Resp: 2209864

Ion Ratio Lower Upper

43 100

58 36.4 29.7 44.5



#52

Toluene

Concen: 22.499 ug/l

RT: 8.76 min Scan# 1292

Delta R.T. -0.01 min

Lab File: VX015465.D

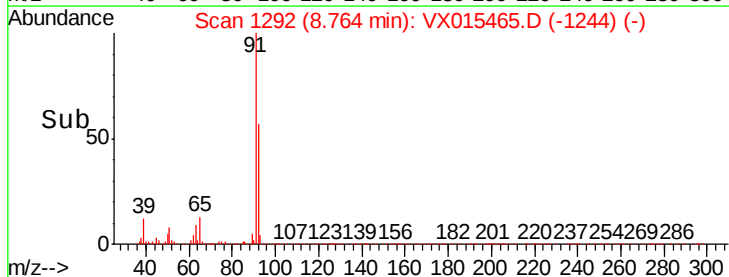
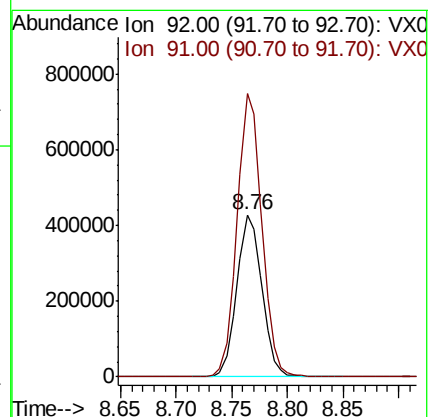
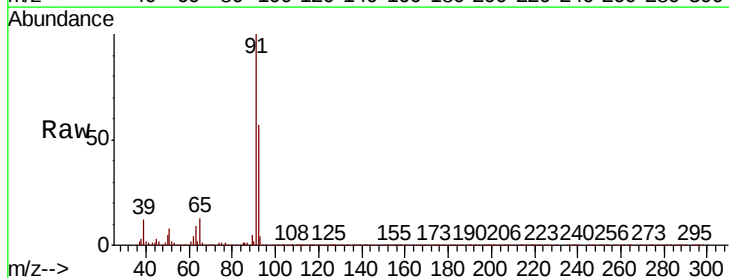
Acq: 01 Apr 2020 14:21

Tgt Ion: 92 Resp: 668073

Ion Ratio Lower Upper

92 100

91 172.4 136.6 205.0

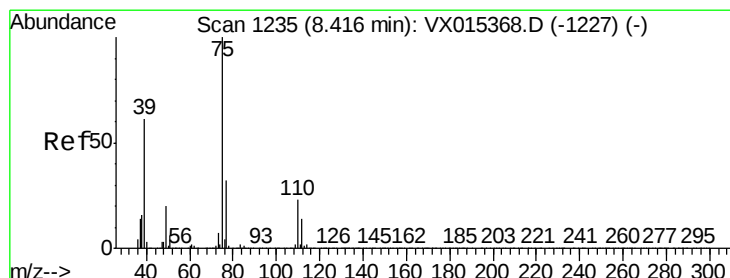
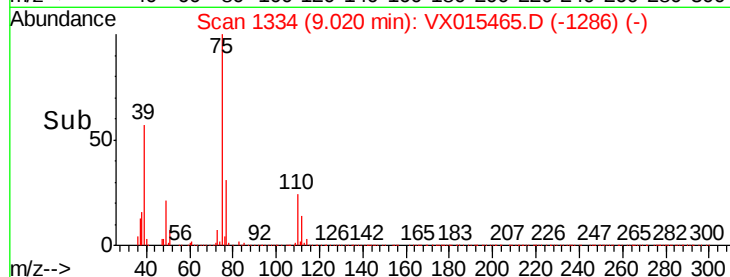
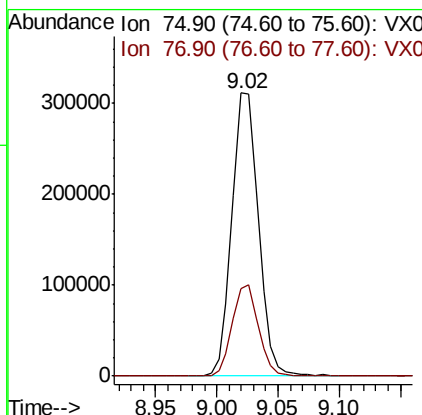
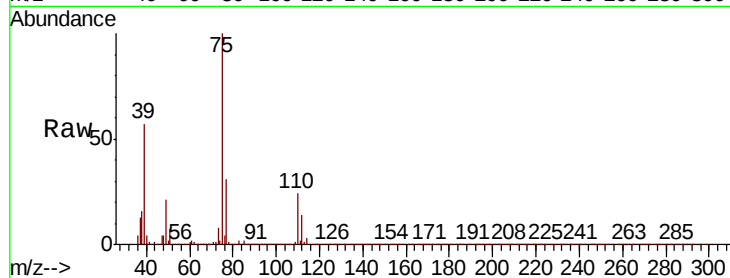




#53
t-1,3-Dichloropropene
Concen: 21.628 ug/l
RT: 9.02 min Scan# 1334
Delta R.T. -0.01 min
Lab File: VX015465.D
Acq: 01 Apr 2020 14:21

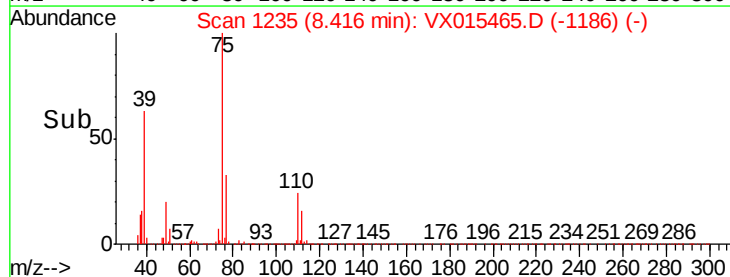
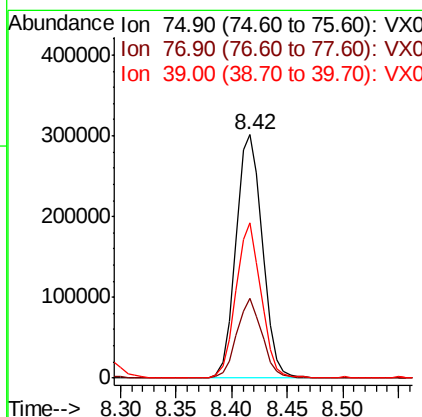
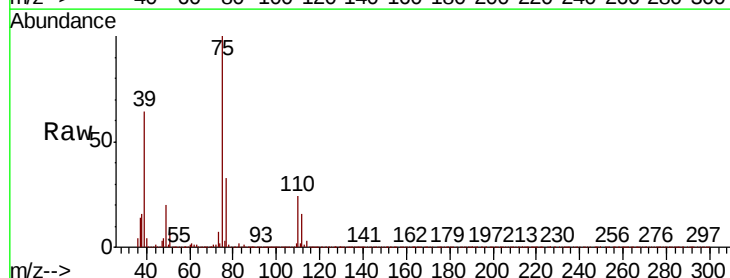
Instrument :
MSVOA_X
ClientSampleId :

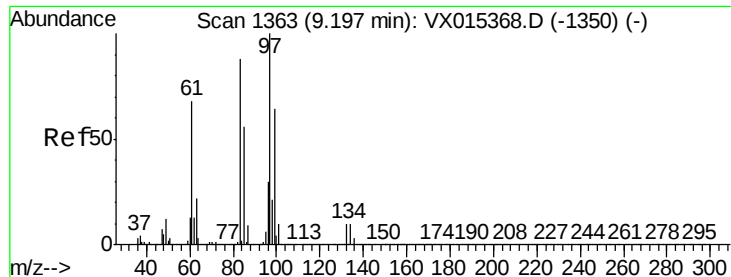
Tot Ion: 75 Resp: 467132
Ion Ratio Lower Upper
75 100
77 30.6 24.1 36.1



#54
cis-1,3-Dichloropropene
Concen: 22.460 ug/l
RT: 8.42 min Scan# 1235
Delta R.T. -0.00 min
Lab File: VX015465.D
Acq: 01 Apr 2020 14:21

Tgt Ion: 75 Resp: 494150
Ion Ratio Lower Upper
75 100
77 32.9 25.8 38.6
39 63.3 49.0 73.4

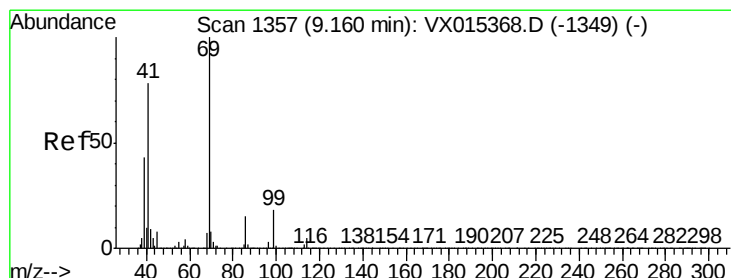
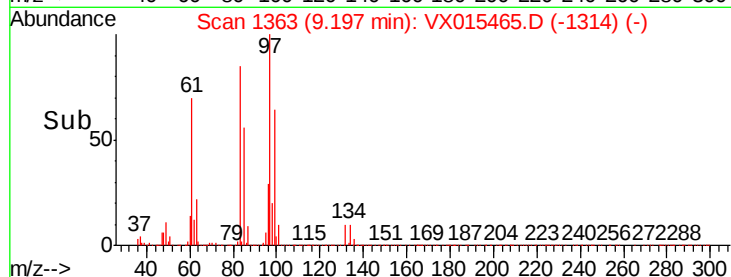
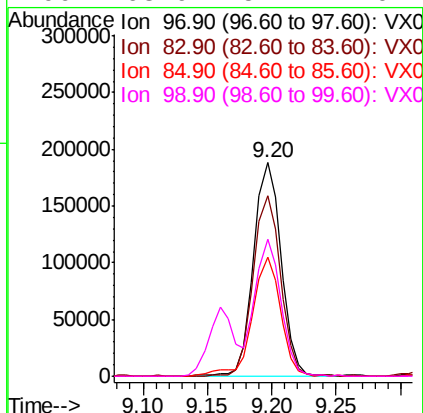
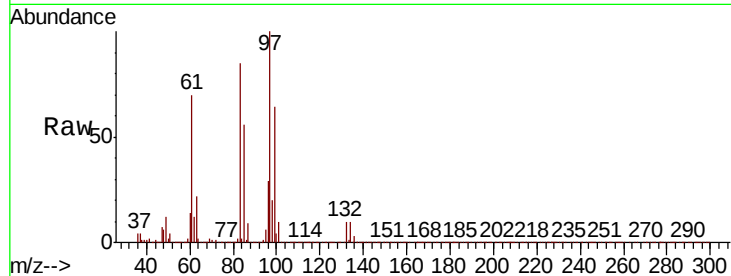




#55
1,1,2-Trichloroethane
Concen: 22.784 ug/l
RT: 9.20 min Scan# 1363
Delta R.T. -0.00 min
Lab File: VX015465.D
Acq: 01 Apr 2020 14:21

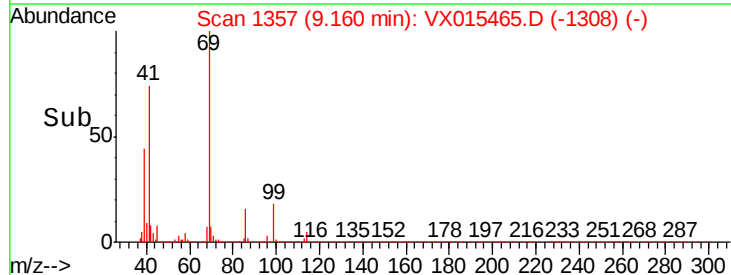
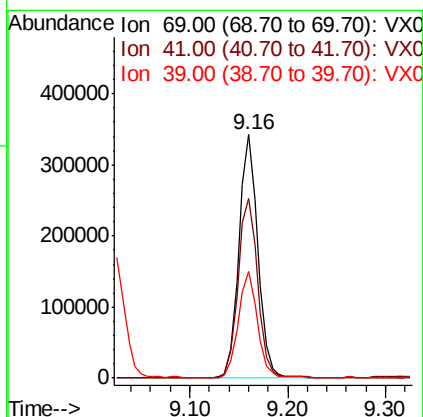
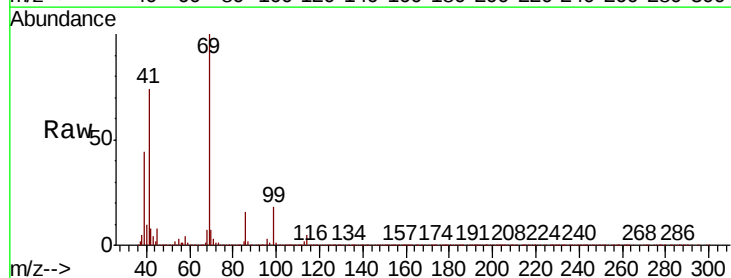
Instrument :
MSVOA_X
ClientSampleId :

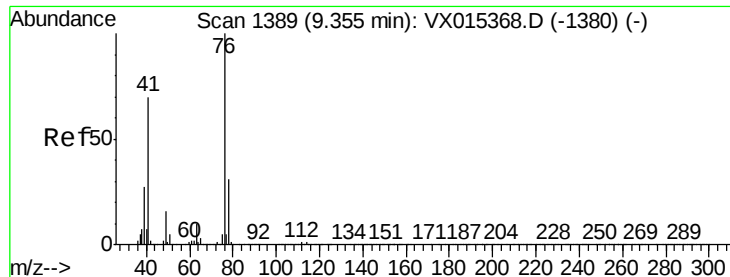
Tot Ion:	97	Resp:	277171
Ion	Ratio	Lower	Upper
97	100		
83	84.6	70.2	105.4
85	55.5	44.7	67.1
99	63.9	51.1	76.7



#56
Ethyl methacrylate
Concen: 21.404 ug/l
RT: 9.16 min Scan# 1357
Delta R.T. -0.00 min
Lab File: VX015465.D
Acq: 01 Apr 2020 14:21

Tgt Ion:	69	Resp:	458904
Ion	Ratio	Lower	Upper
69	100		
41	76.6	61.6	92.4
39	43.8	34.0	51.0





#57

1,3-Dichloropropane

Concen: 21.754 ug/l

RT: 9.36 min Scan# 1389

Delta R.T. -0.00 min

Lab File: VX015465.D

Acq: 01 Apr 2020 14:21

Instrument :

MSVOA_X

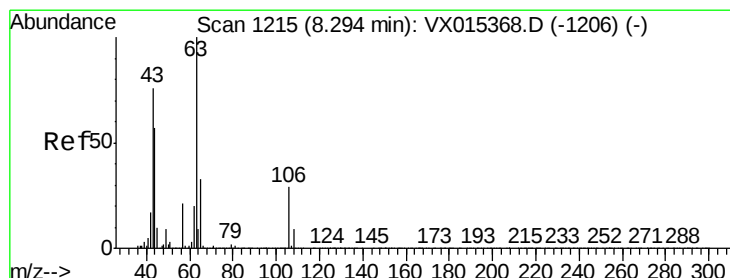
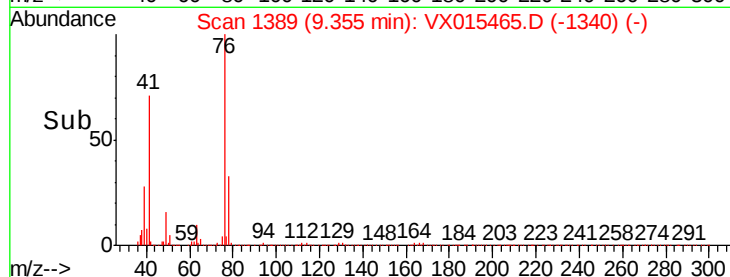
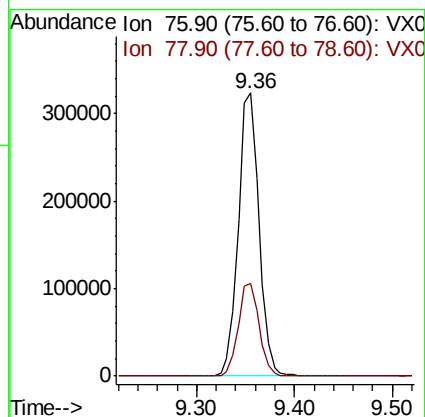
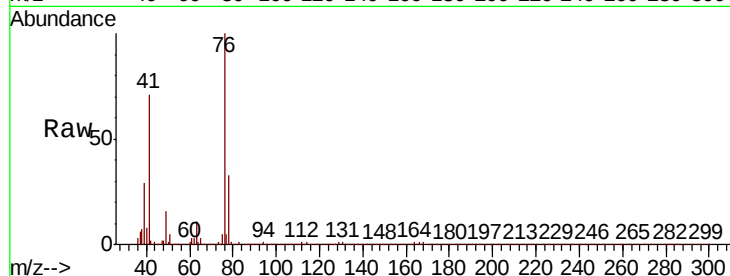
ClientSampleId :

Tot Ion: 76 Resp: 476808

Ion Ratio Lower Upper

76 100

78 32.5 25.8 38.8



#58

2-Chloroethyl Vinyl ether

Concen: 123.733 ug/l

RT: 8.29 min Scan# 1214

Delta R.T. -0.01 min

Lab File: VX015465.D

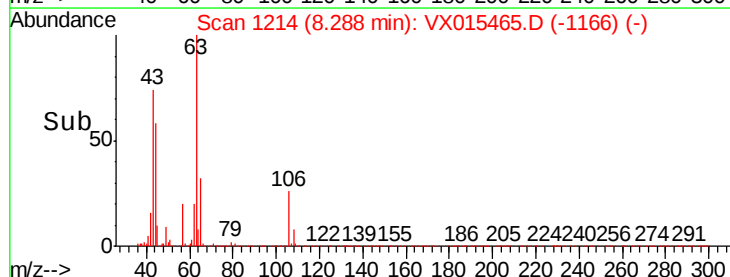
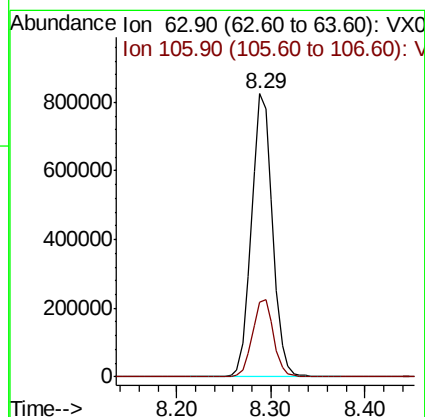
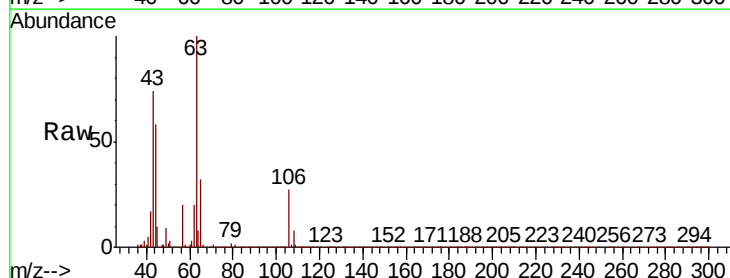
Acq: 01 Apr 2020 14:21

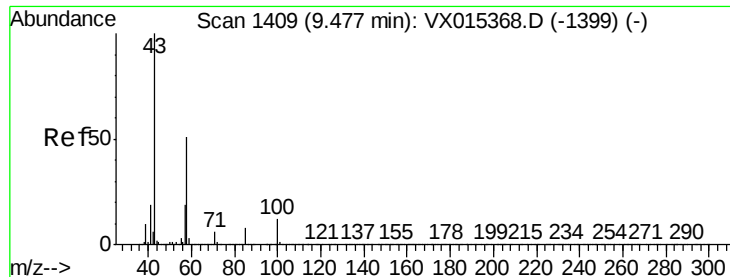
Tgt Ion: 63 Resp: 1290343

Ion Ratio Lower Upper

63 100

106 27.4 22.7 34.1

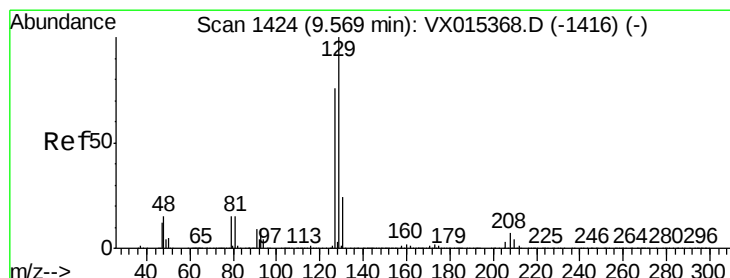
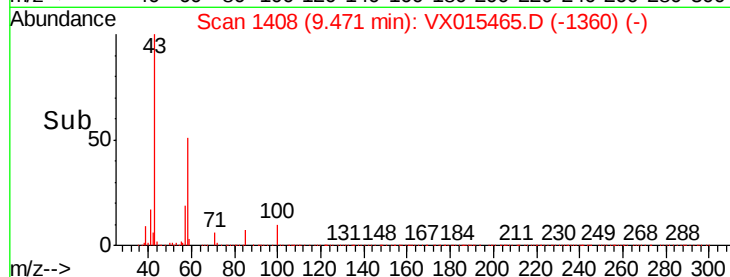
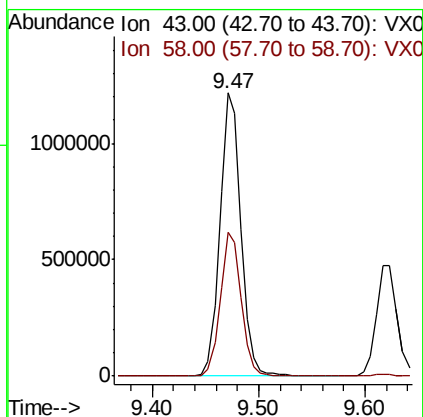
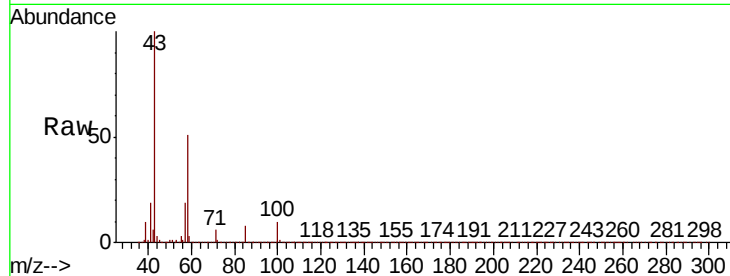




#59
2-Hexanone
Concen: 107.344 ug/l
RT: 9.47 min Scan# 1408
Delta R.T. -0.01 min
Lab File: VX015465.D
Acq: 01 Apr 2020 14:21

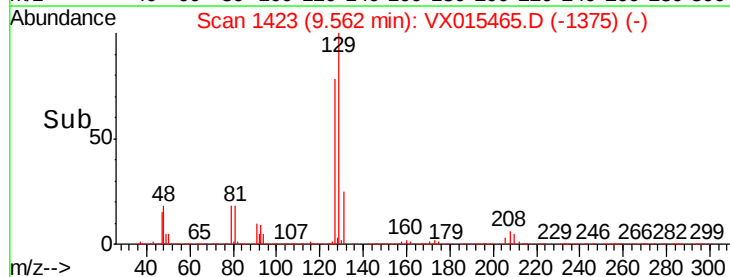
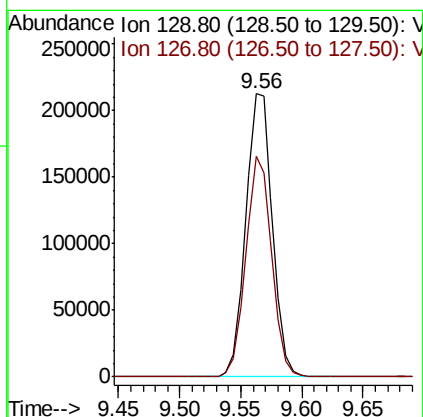
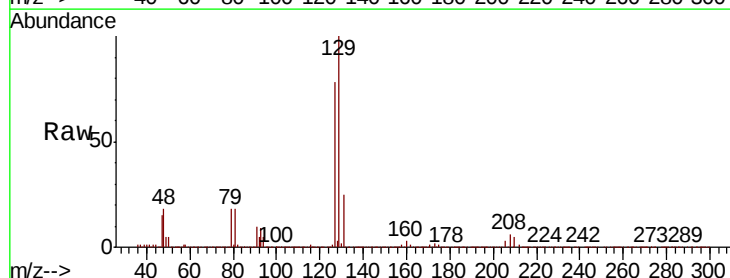
Instrument :
MSVOA_X
ClientSampled :

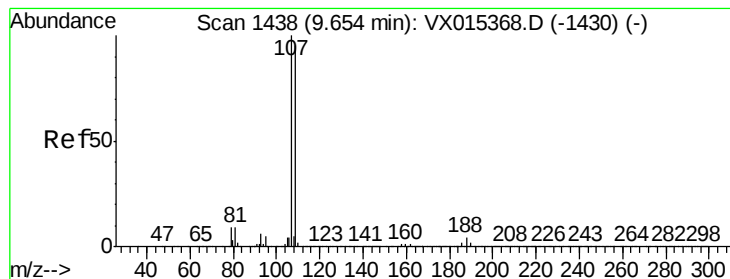
Tot Ion: 43 Resp: 1659806
Ion Ratio Lower Upper
43 100
58 51.2 25.6 76.6



#60
Dibromochloromethane
Concen: 21.974 ug/l
RT: 9.56 min Scan# 1423
Delta R.T. -0.01 min
Lab File: VX015465.D
Acq: 01 Apr 2020 14:21

Tgt Ion:129 Resp: 321214
Ion Ratio Lower Upper
129 100
127 75.8 38.2 114.6





#61

1,2-Dibromoethane

Concen: 21.613 ug/l

RT: 9.65 min Scan# 1438

Delta R.T. -0.00 min

Lab File: VX015465.D

Acq: 01 Apr 2020 14:21

Instrument :

MSVOA_X

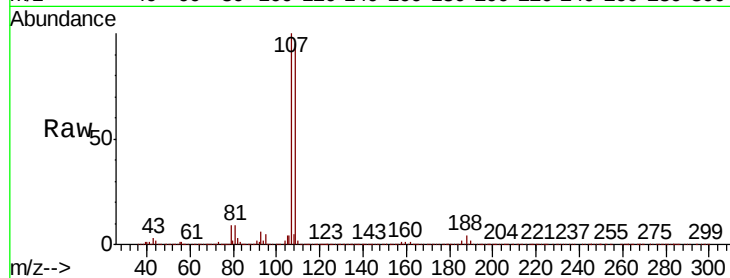
ClientSampleId :

Tot Ion: 107 Resp: 285893

Ion Ratio Lower Upper

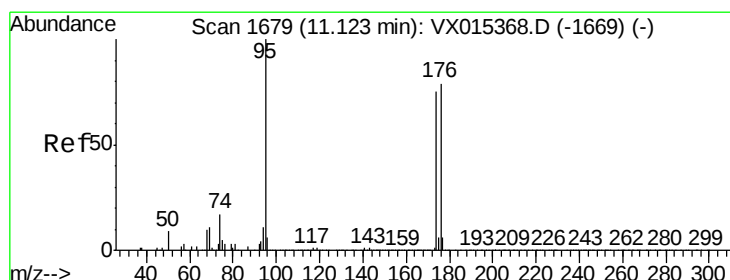
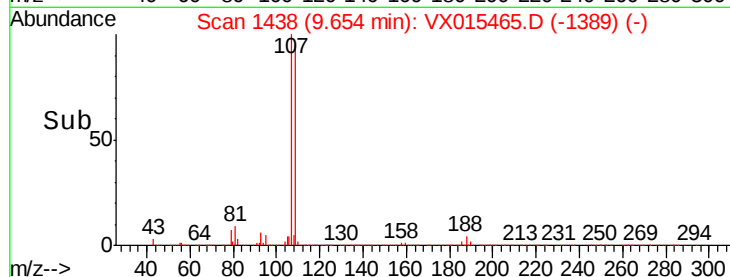
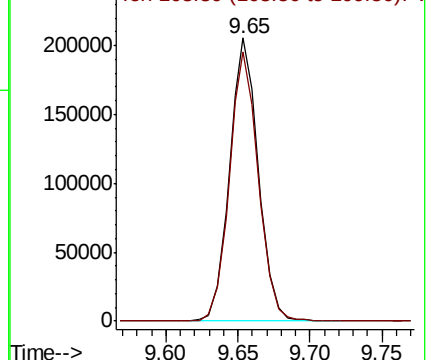
107 100

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



#62

4-Bromofluorobenzene

Concen: 53.297 ug/l

RT: 11.12 min Scan# 1679

Delta R.T. -0.00 min

Lab File: VX015465.D

Acq: 01 Apr 2020 14:21

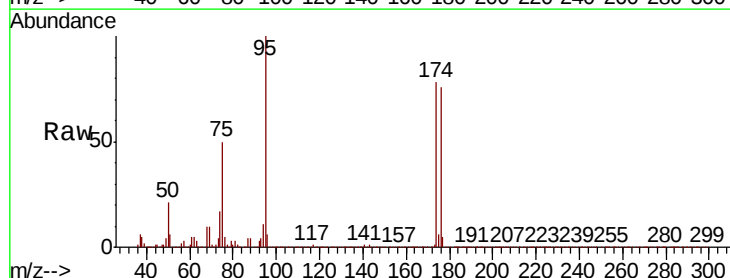
Tgt Ion: 95 Resp: 909623

Ion Ratio Lower Upper

95 100

174 79.9 0.0 158.6

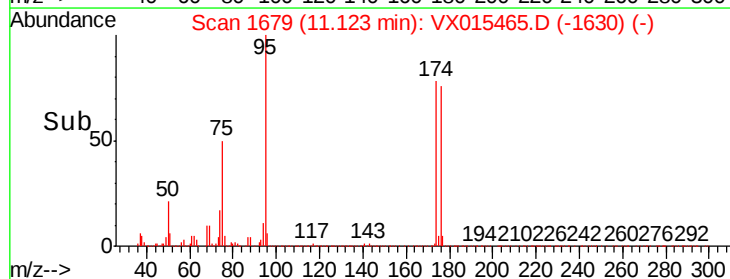
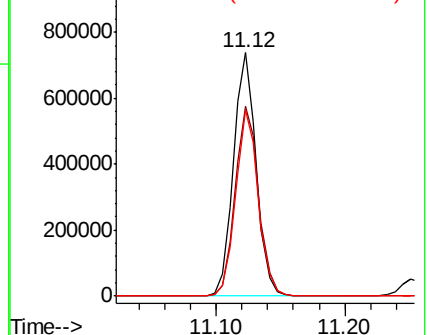
176 76.1 0.0 159.0

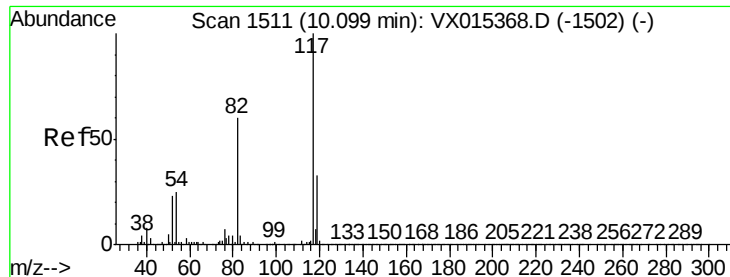


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.10 min Scan# 1511

Delta R.T. -0.00 min

Lab File: VX015465.D

Acq: 01 Apr 2020 14:21

Instrument :

MSVOA_X

ClientSampleId :

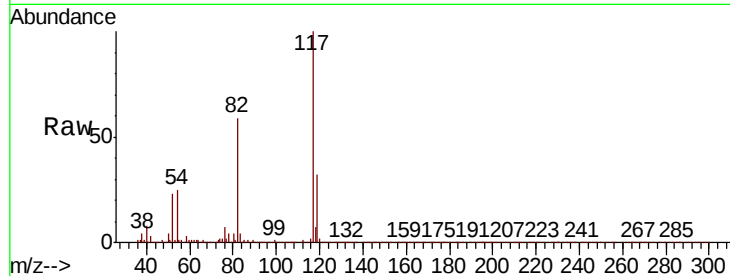
Tot Ion:117 Resp: 1575180

Ion Ratio Lower Upper

117 100

82 58.6 47.8 71.8

119 32.2 26.8 40.2

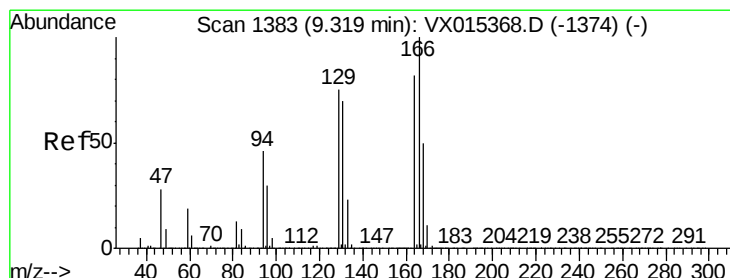
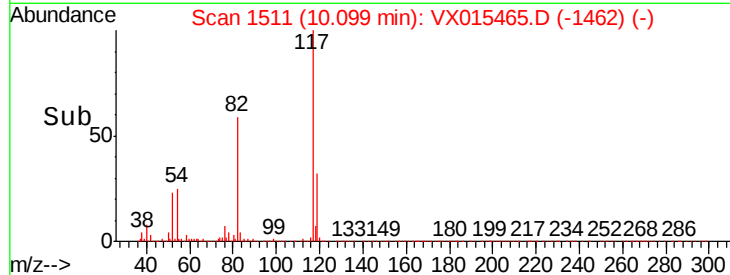
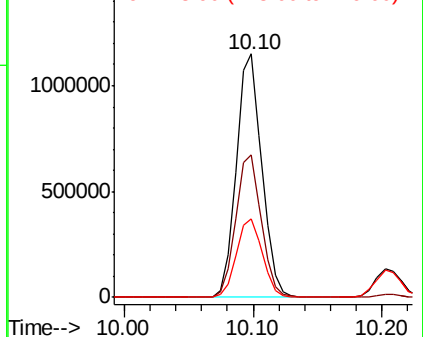


Abundance

Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V



#64

Tetrachloroethene

Concen: 23.482 ug/l

RT: 9.32 min Scan# 1383

Delta R.T. -0.00 min

Lab File: VX015465.D

Acq: 01 Apr 2020 14:21

Tgt Ion:164 Resp: 279139

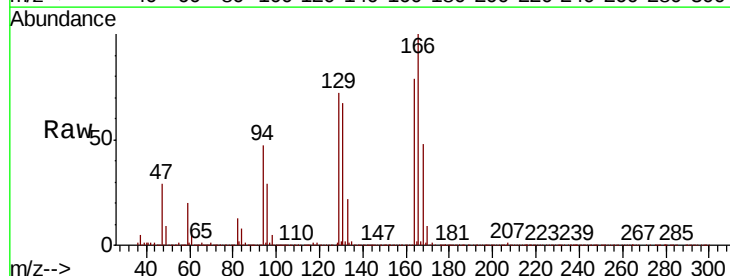
Ion Ratio Lower Upper

164 100

166 127.0 97.8 146.6

129 91.0 73.0 109.4

131 85.2 68.6 103.0



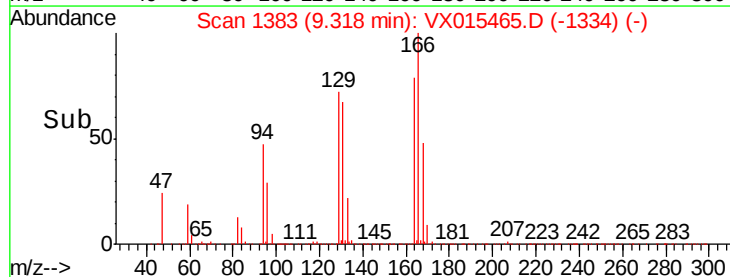
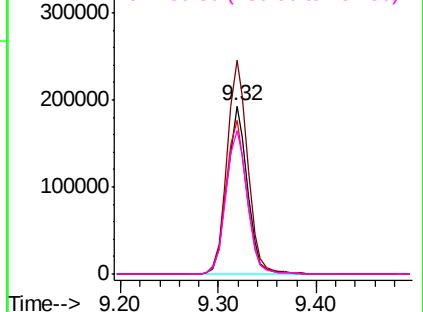
Abundance

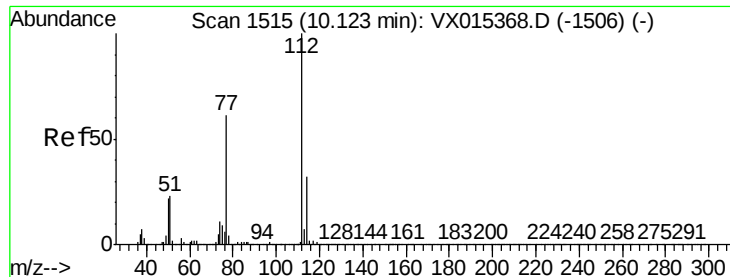
Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V

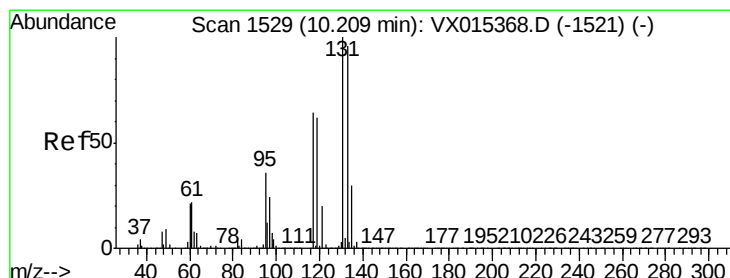
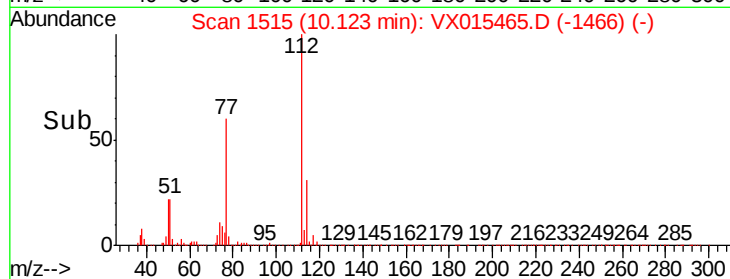
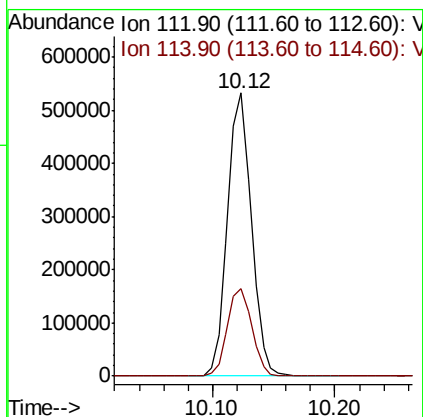
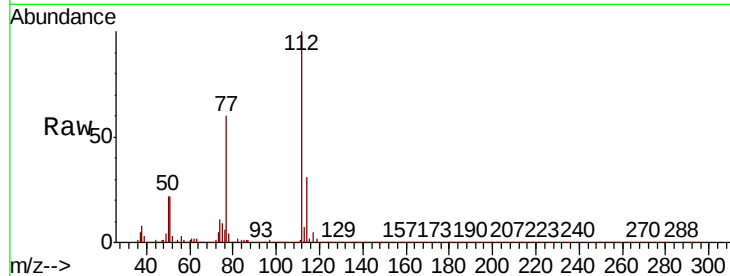




#65
Chlorobenzene
Concen: 22.896 ug/l
RT: 10.12 min Scan# 1515
Delta R.T. -0.00 min
Lab File: VX015465.D
Acq: 01 Apr 2020 14:21

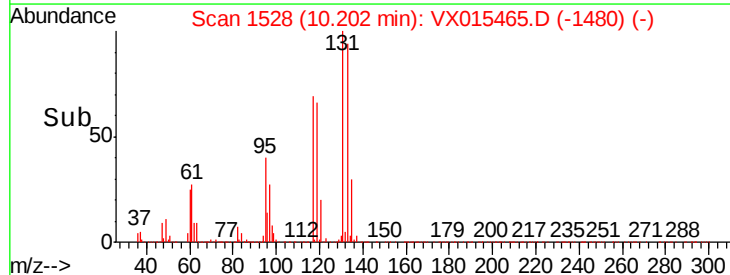
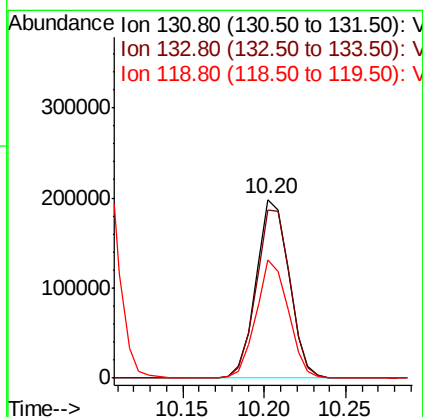
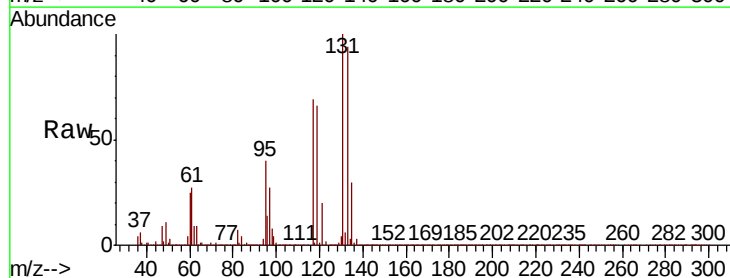
Instrument :
MSVOA_X
ClientSampleId :

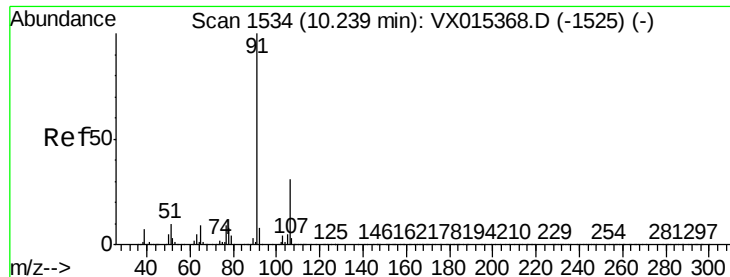
Tot Ion:112 Resp: 719262
Ion Ratio Lower Upper
112 100
114 31.0 25.5 38.3



#66
1,1,1,2-Tetrachloroethane
Concen: 22.314 ug/l
RT: 10.20 min Scan# 1528
Delta R.T. -0.01 min
Lab File: VX015465.D
Acq: 01 Apr 2020 14:21

Tgt Ion:131 Resp: 280046
Ion Ratio Lower Upper
131 100
133 96.4 47.6 142.9
119 64.5 31.1 93.3





#67

Ethyl Benzene

Concen: 23.467 ug/l

RT: 10.24 min Scan# 1534

Delta R.T. -0.00 min

Lab File: VX015465.D

Acq: 01 Apr 2020 14:21

Instrument :

MSVOA_X

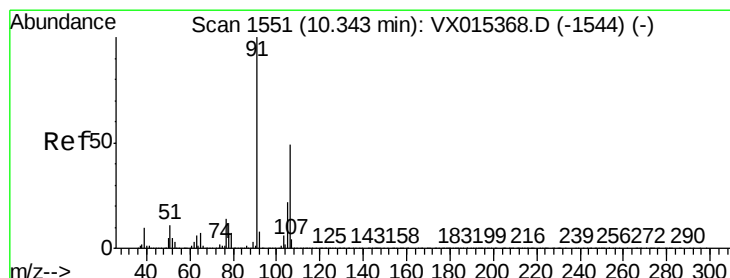
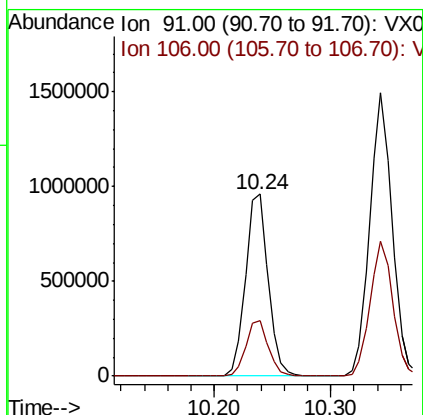
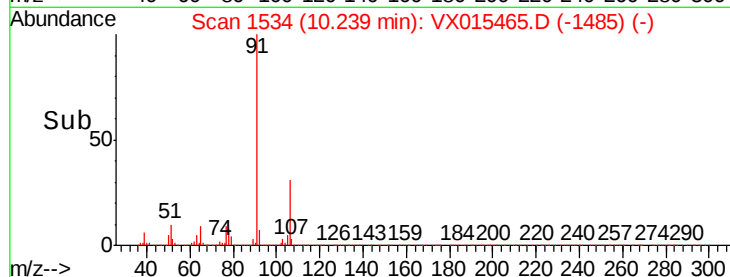
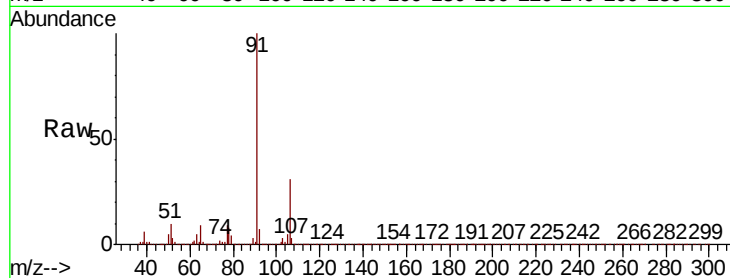
ClientSampleId :

Tot Ion: 91 Resp: 1307486

Ion Ratio Lower Upper

91 100

106 30.7 24.8 37.2



#68

m/p-Xylenes

Concen: 46.894 ug/l

RT: 10.34 min Scan# 1551

Delta R.T. -0.00 min

Lab File: VX015465.D

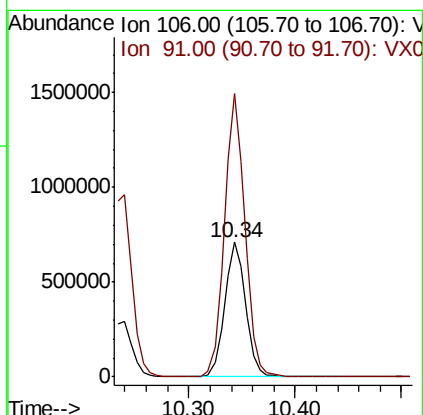
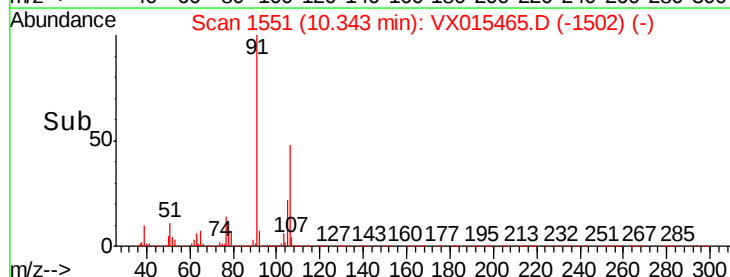
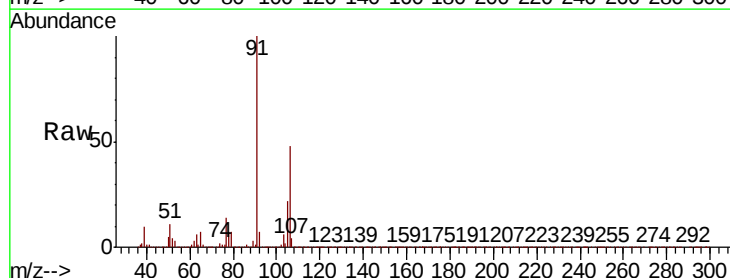
Acq: 01 Apr 2020 14:21

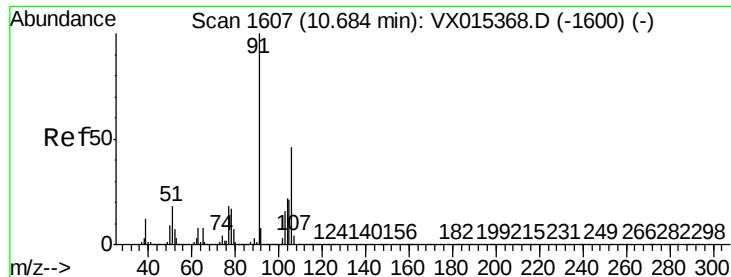
Tgt Ion:106 Resp: 972883

Ion Ratio Lower Upper

106 100

91 205.9 163.4 245.0

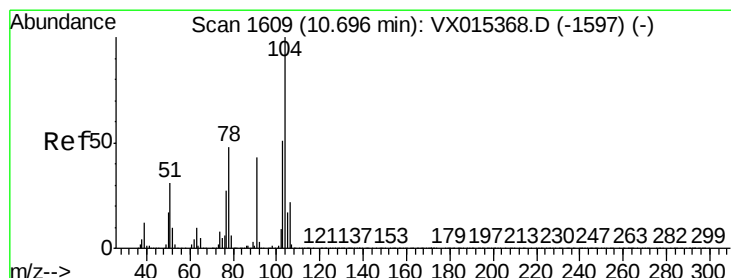
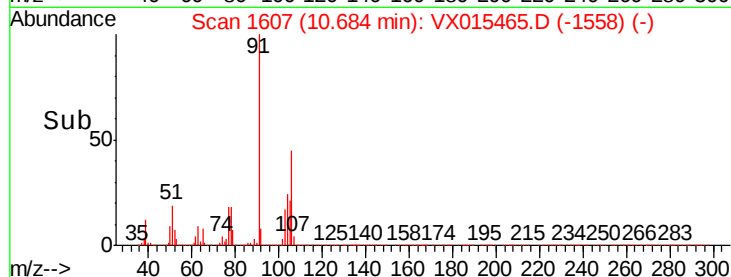
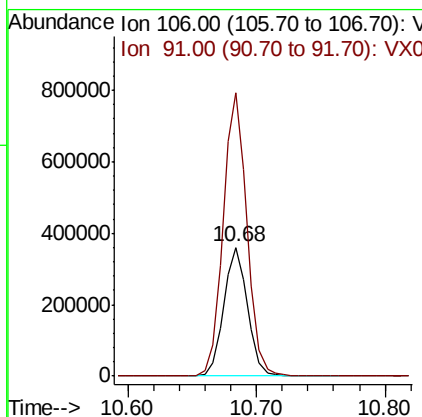
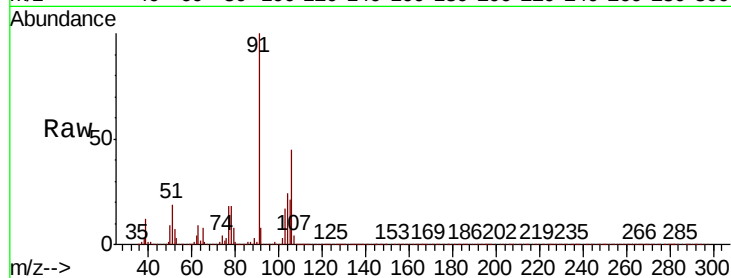




#69
o-Xylene
Concen: 22.760 ug/l
RT: 10.68 min Scan# 1607
Delta R.T. -0.00 min
Lab File: VX015465.D
Acq: 01 Apr 2020 14:21

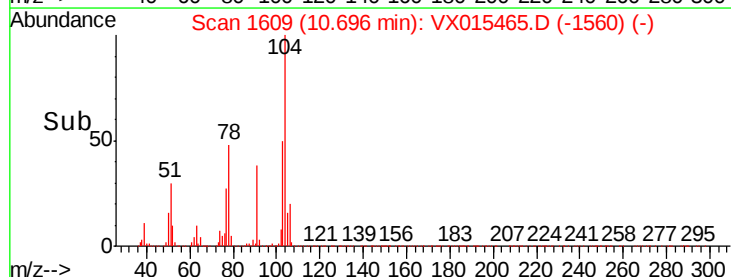
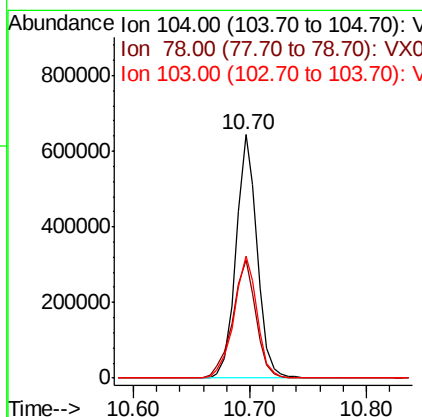
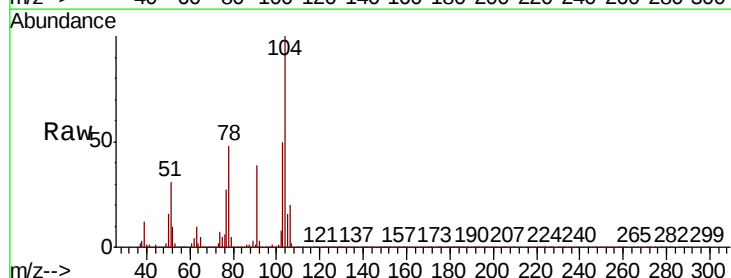
Instrument :
MSVOA_X
ClientSampled :

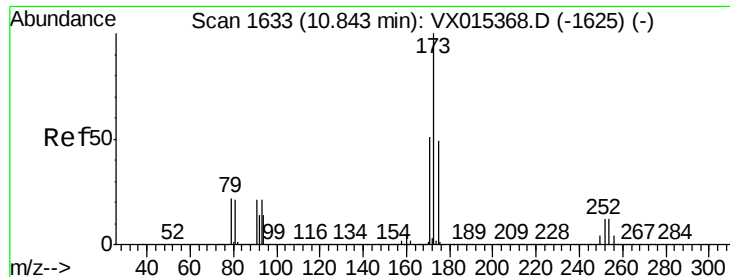
Tot Ion:106 Resp: 466604
Ion Ratio Lower Upper
106 100
91 219.7 107.1 321.3



#70
Styrene
Concen: 22.547 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. -0.00 min
Lab File: VX015465.D
Acq: 01 Apr 2020 14:21

Tgt Ion:104 Resp: 813381
Ion Ratio Lower Upper
104 100
78 53.7 42.0 63.0
103 55.1 43.4 65.0





#71

Bromoform

Concen: 21.677 ug/l

RT: 10.84 min Scan# 1633

Delta R.T. -0.00 min

Lab File: VX015465.D

Acq: 01 Apr 2020 14:21

Instrument :

MSVOA_X

ClientSampleId :

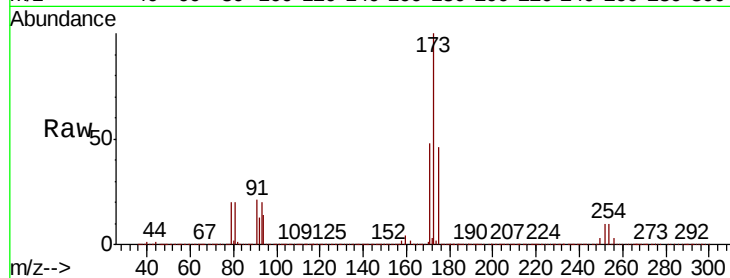
Tot Ion:173 Resp: 247657

Ion Ratio Lower Upper

173 100

175 48.6 23.9 71.7

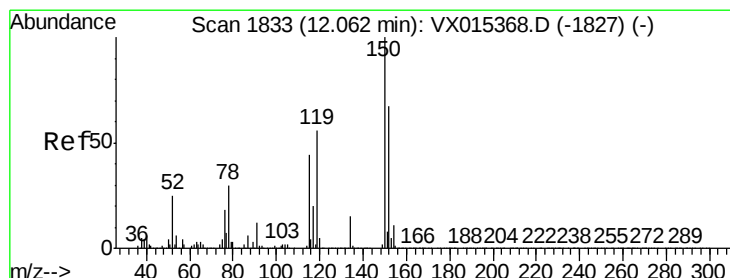
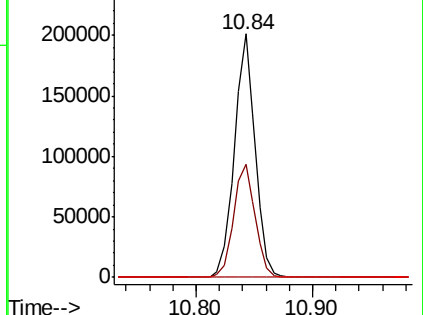
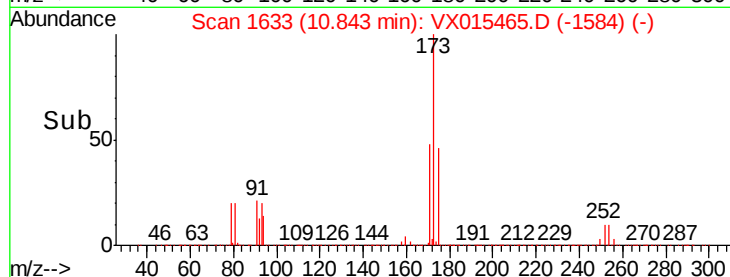
254 0.1 0.1 0.1#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1833

Delta R.T. -0.00 min

Lab File: VX015465.D

Acq: 01 Apr 2020 14:21

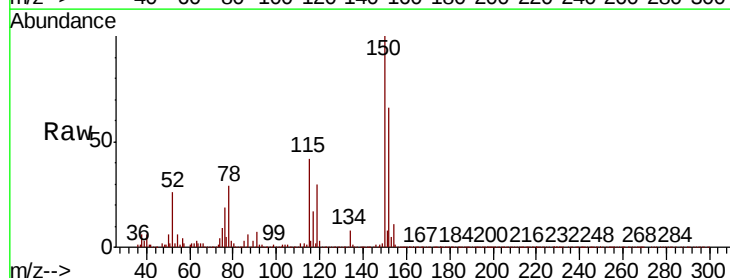
Tgt Ion:152 Resp: 815819

Ion Ratio Lower Upper

152 100

115 70.1 39.0 116.9

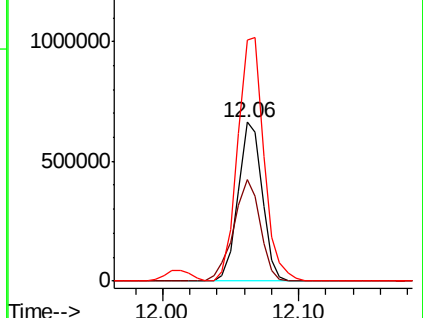
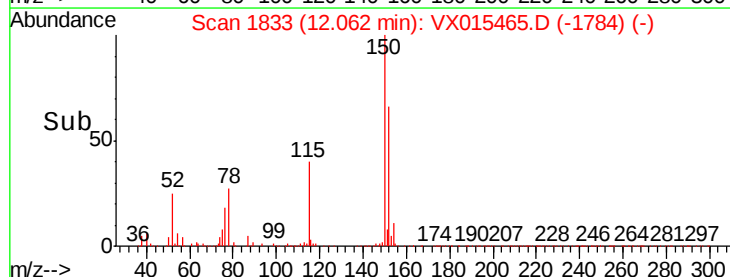
150 167.1 0.0 340.8

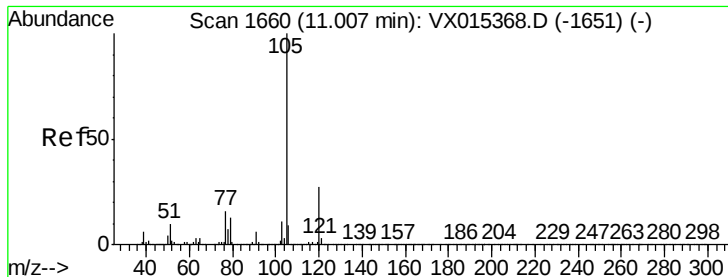


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 23.897 ug/l

RT: 11.01 min Scan# 1660

Delta R.T. -0.00 min

Lab File: VX015465.D

Acq: 01 Apr 2020 14:21

Instrument :

MSVOA_X

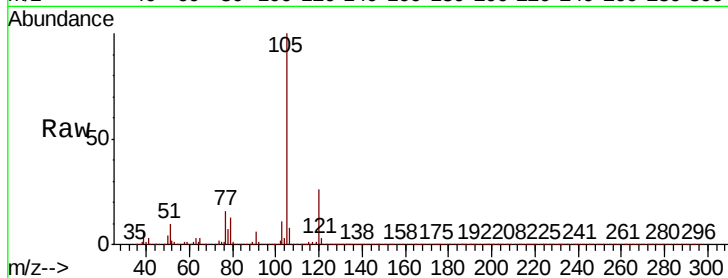
ClientSampleId :

Tot Ion:105 Resp: 1277385

Ion Ratio Lower Upper

105 100

120 26.1 13.2 39.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

11.01

800000

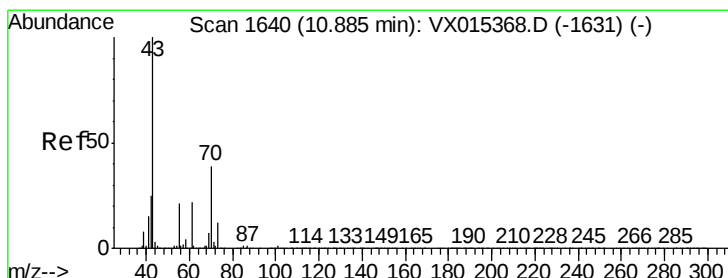
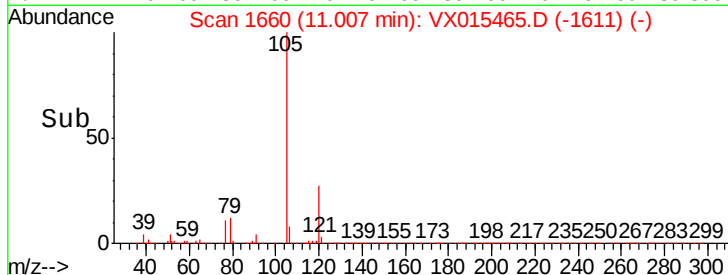
600000

400000

200000

0

Time-->



#74

N-ethyl acetate

Concen: 21.964 ug/l

RT: 10.88 min Scan# 1639

Delta R.T. -0.01 min

Lab File: VX015465.D

Acq: 01 Apr 2020 14:21

Tgt Ion: 43 Resp: 652981

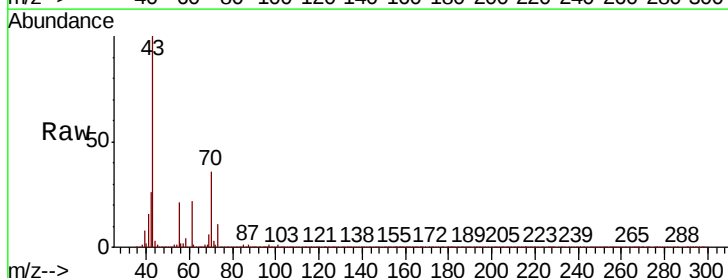
Ion Ratio Lower Upper

43 100

70 37.4 30.2 45.4

55 21.5 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

800000

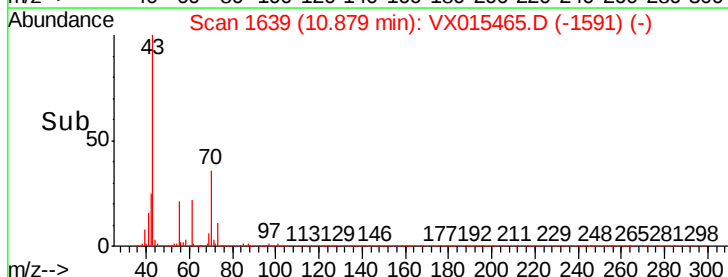
600000

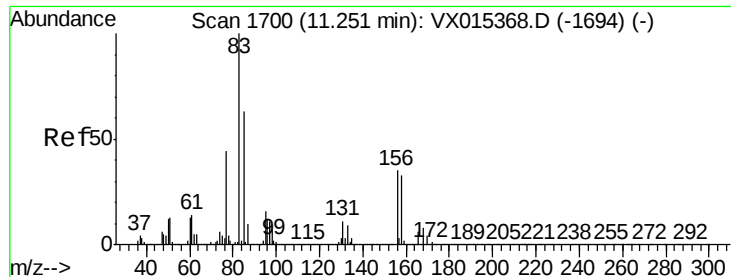
400000

200000

0

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 21.696 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. -0.00 min

Lab File: VX015465.D

Acq: 01 Apr 2020 14:21

Instrument :

MSVOA_X

ClientSampleId :

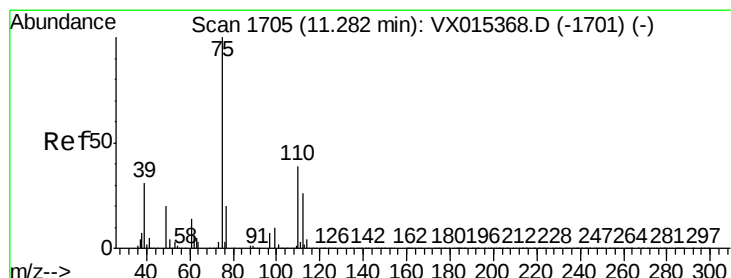
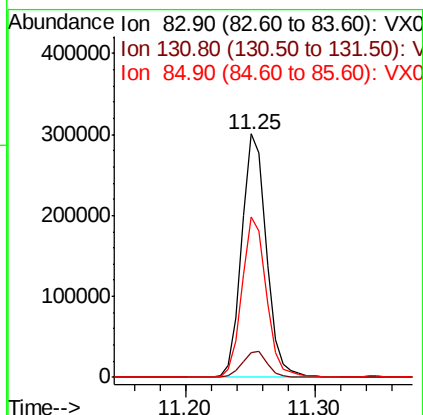
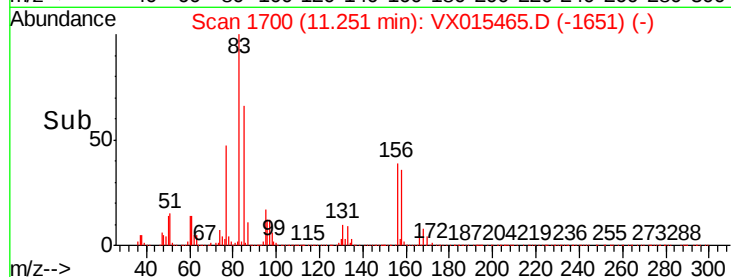
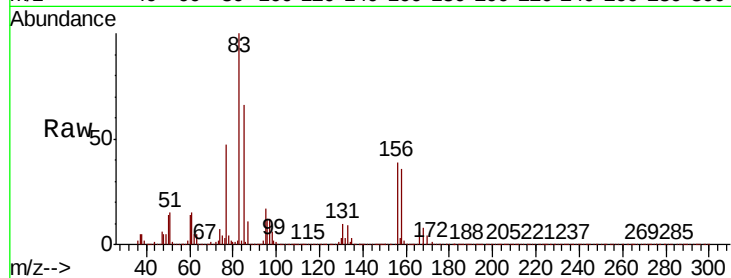
Tot Ion: 83 Resp: 397948

Ion Ratio Lower Upper

83 100

131 11.0 5.3 16.1

85 64.8 32.0 96.0



#76

1,2,3-Trichloropropane

Concen: 29.104 ug/l

RT: 11.28 min Scan# 1705

Delta R.T. -0.00 min

Lab File: VX015465.D

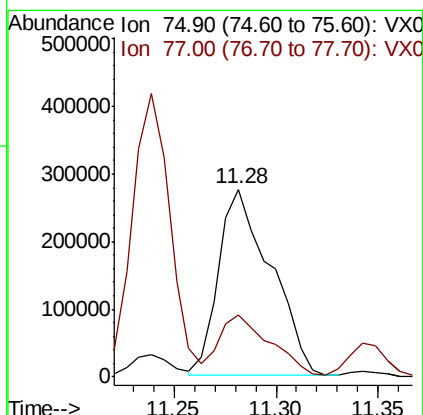
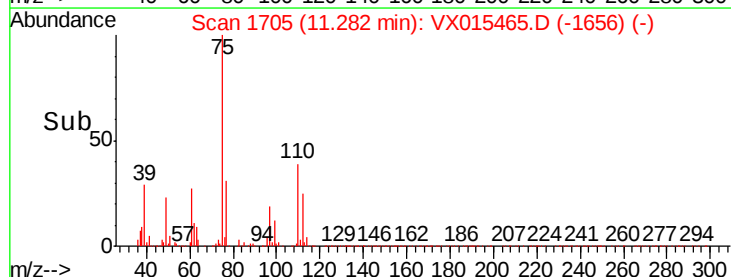
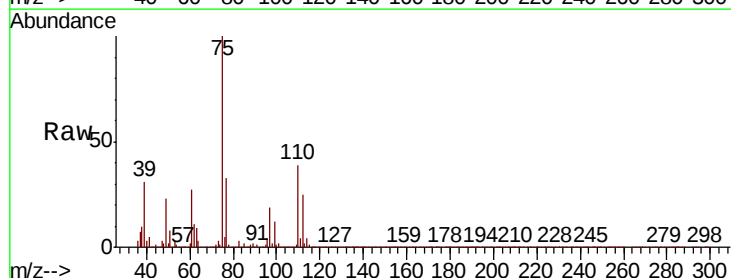
Acq: 01 Apr 2020 14:21

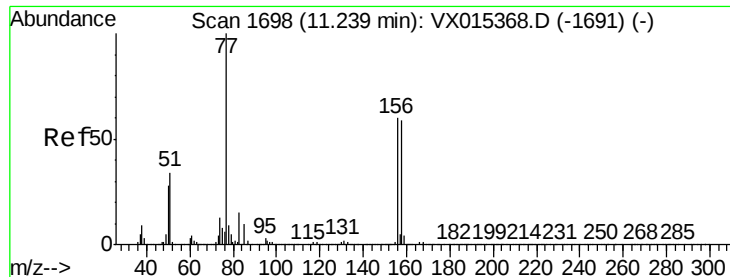
Tgt Ion: 75 Resp: 488261

Ion Ratio Lower Upper

75 100

77 32.8 21.2 63.6





#77

Bromobenzene

Concen: 23.068 ug/l

RT: 11.24 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX015465.D

Acq: 01 Apr 2020 14:21

Instrument :

MSVOA_X

ClientSampleId :

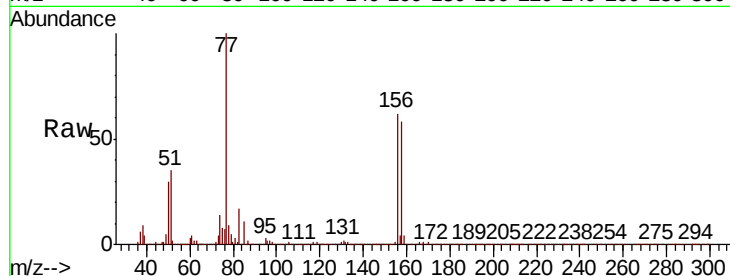
Tot Ion:156 Resp: 328902

Ion Ratio Lower Upper

156 100

77 165.1 82.2 246.5

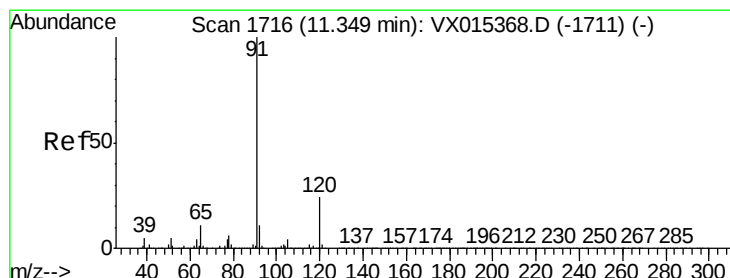
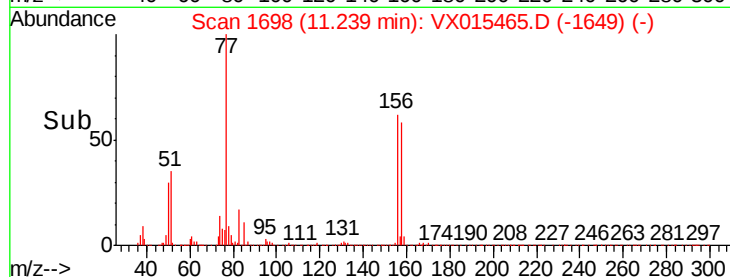
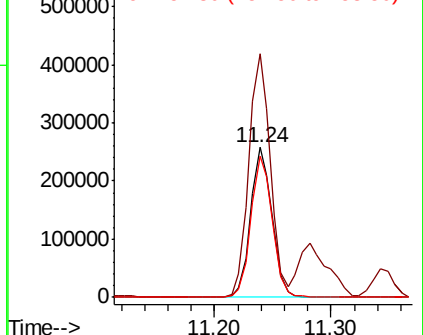
158 94.6 49.3 147.9



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 24.141 ug/l

RT: 11.34 min Scan# 1715

Delta R.T. -0.01 min

Lab File: VX015465.D

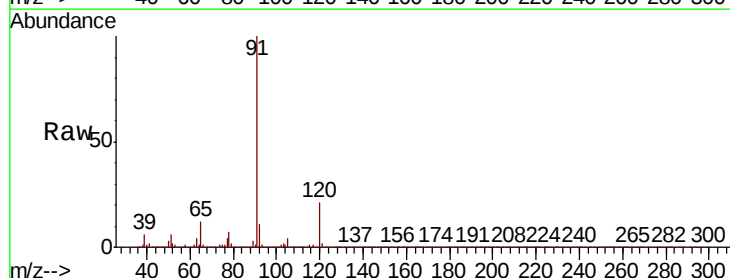
Acq: 01 Apr 2020 14:21

Tgt Ion: 91 Resp: 1475575

Ion Ratio Lower Upper

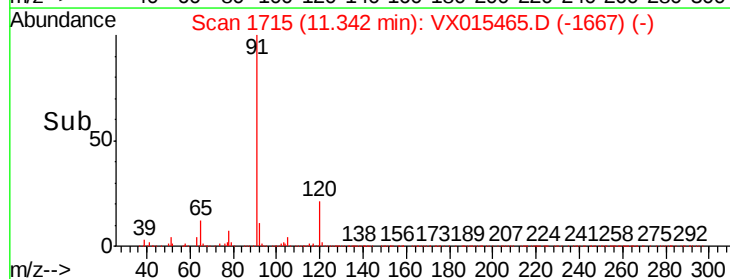
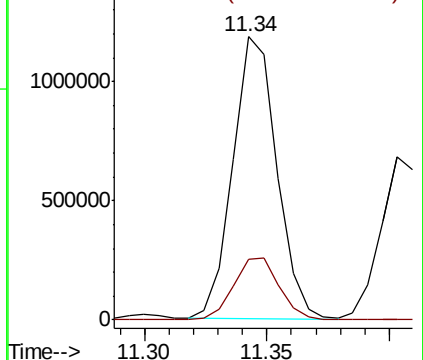
91 100

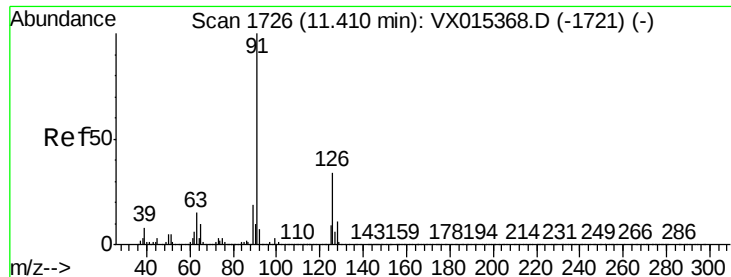
120 23.0 11.7 35.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 23.433 ug/l

RT: 11.40 min Scan# 1725

Delta R.T. -0.01 min

Lab File: VX015465.D

Acq: 01 Apr 2020 14:21

Instrument :

MSVOA_X

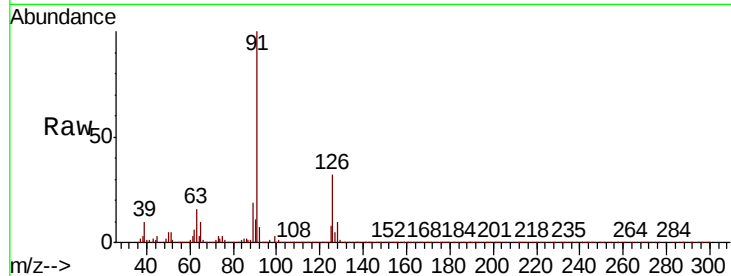
ClientSampleId :

Tot Ion: 91 Resp: 877894

Ion Ratio Lower Upper

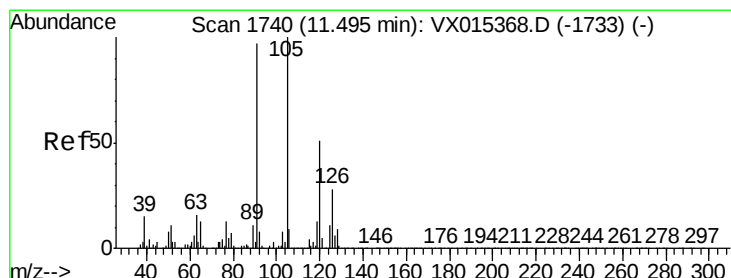
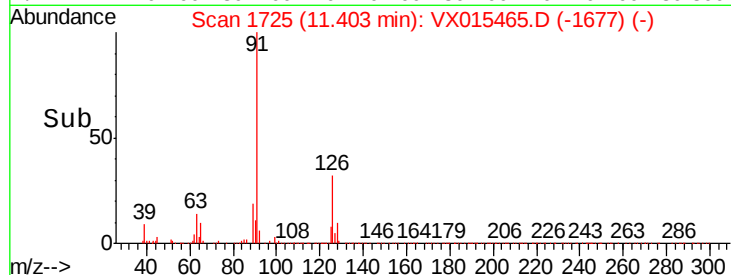
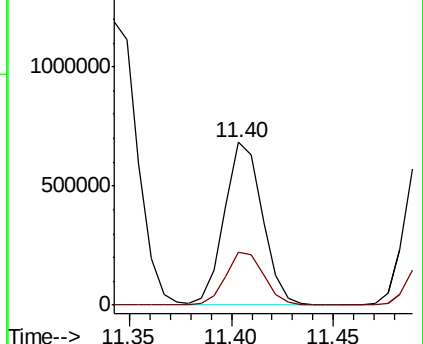
91 100

126 33.1 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: 24.343 ug/l

RT: 11.49 min Scan# 1740

Delta R.T. -0.00 min

Lab File: VX015465.D

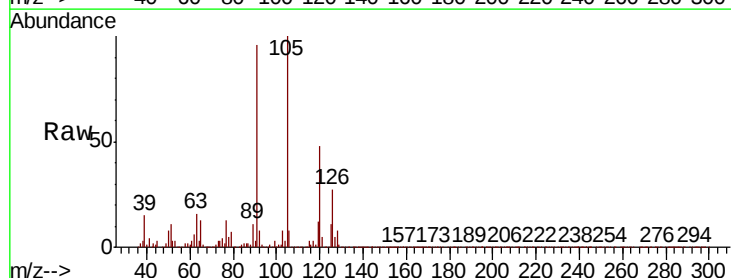
Acq: 01 Apr 2020 14:21

Tgt Ion:105 Resp: 1111315

Ion Ratio Lower Upper

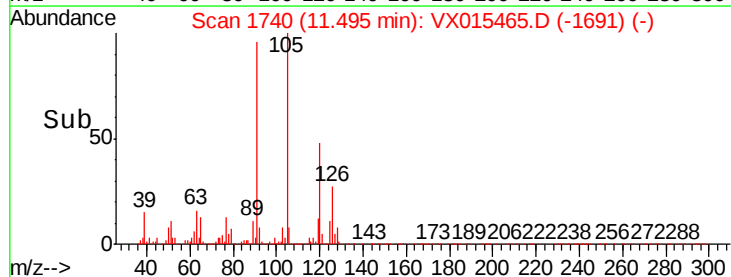
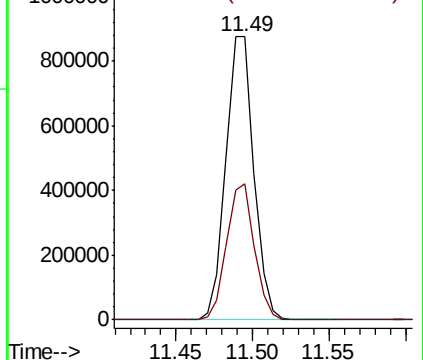
105 100

120 47.5 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: 21.559 ug/l

RT: 11.06 min Scan# 1668

Delta R.T. -0.01 min

Lab File: VX015465.D

Acq: 01 Apr 2020 14:21

Instrument :

MSVOA_X

ClientSampleId :

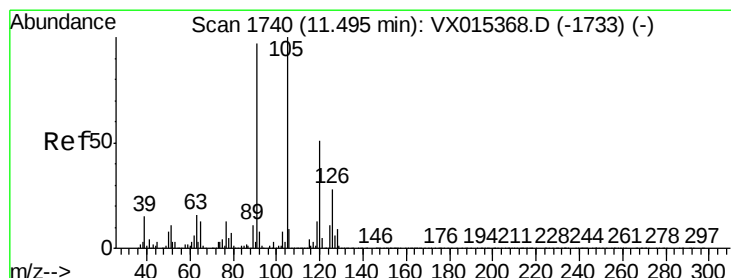
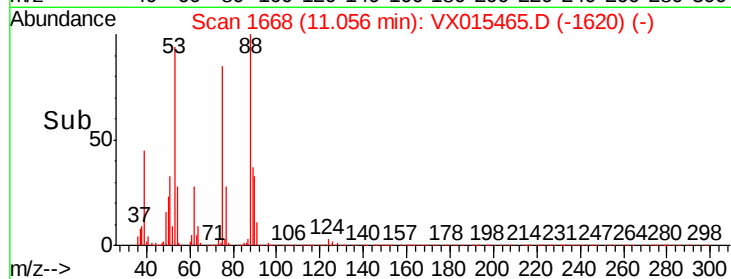
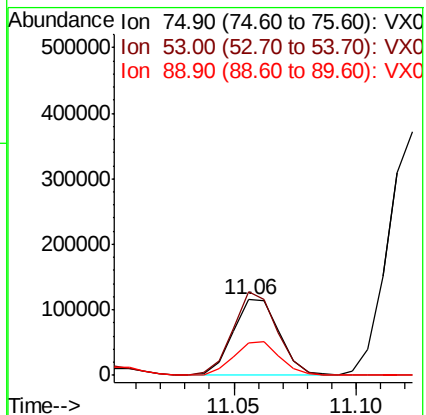
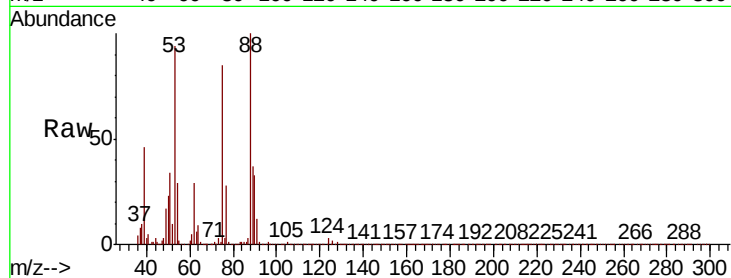
Tot Ion: 75 Resp: 150740

Ion Ratio Lower Upper

75 100

53 104.9 80.1 120.1

89 45.6 36.1 54.1



#82

4-Chlorotoluene

Concen: 23.797 ug/l

RT: 11.49 min Scan# 1740

Delta R.T. -0.00 min

Lab File: VX015465.D

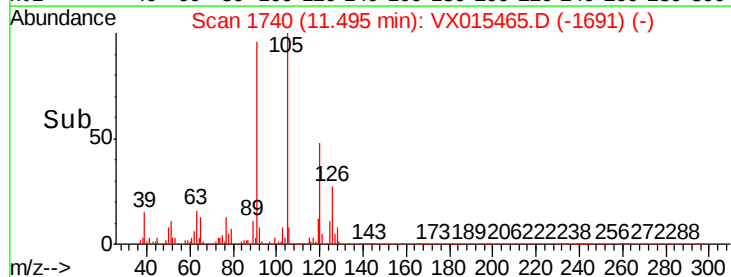
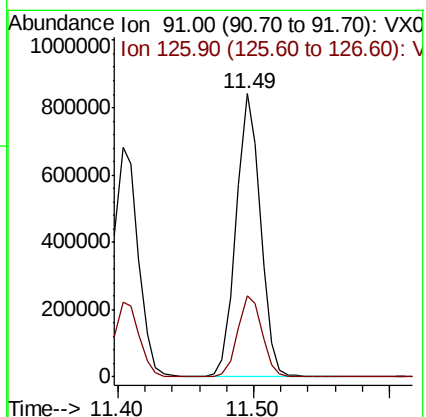
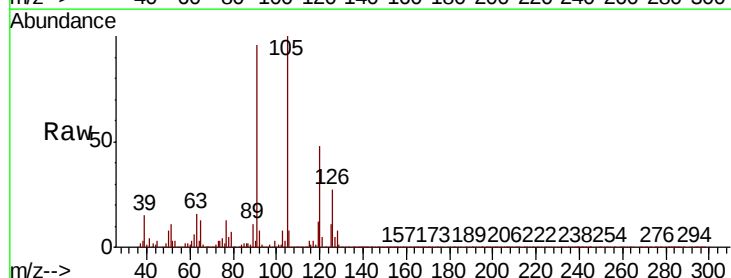
Acq: 01 Apr 2020 14:21

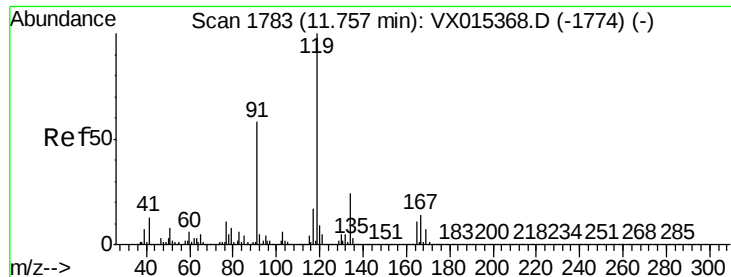
Tgt Ion: 91 Resp: 1045168

Ion Ratio Lower Upper

91 100

126 28.7 14.7 44.1

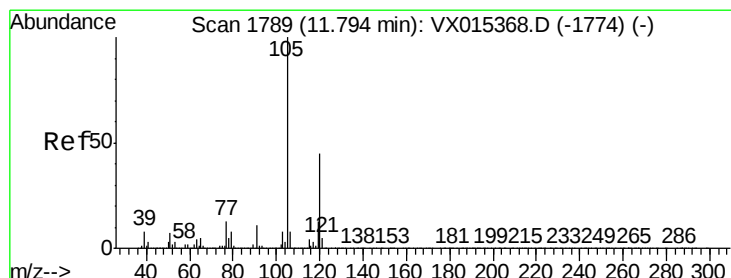
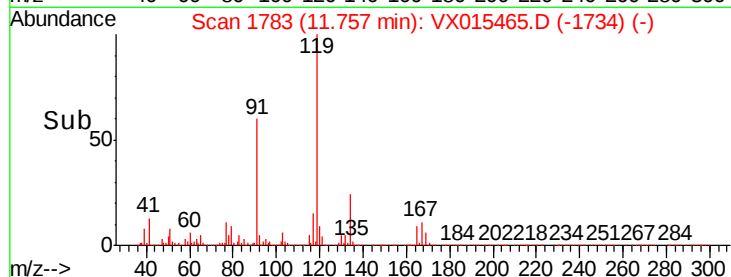
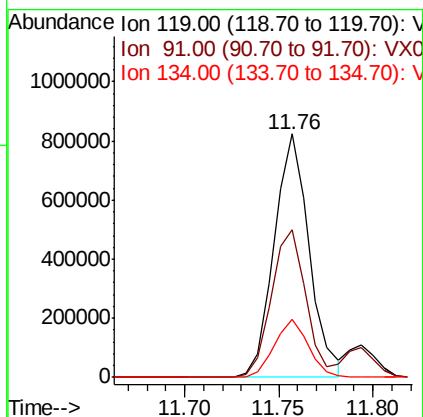
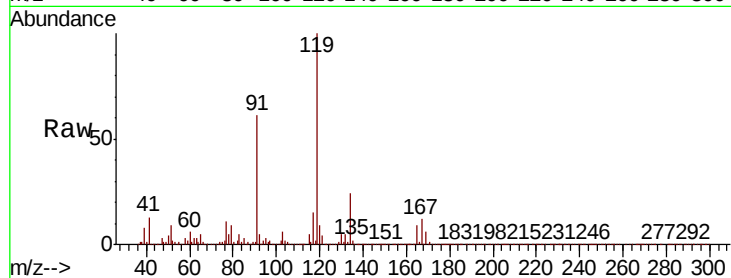




#83
tert-Butylbenzene
Concen: 23.770 ug/l
RT: 11.76 min Scan# 1783
Delta R.T. -0.00 min
Lab File: VX015465.D
Acq: 01 Apr 2020 14:21

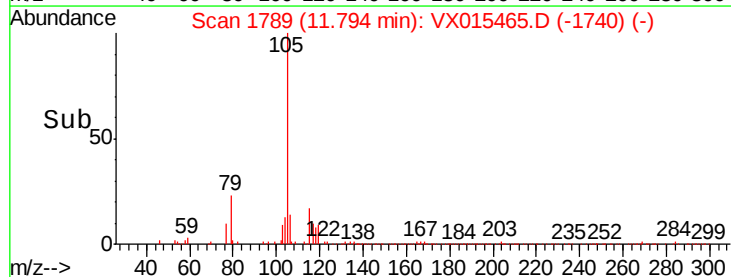
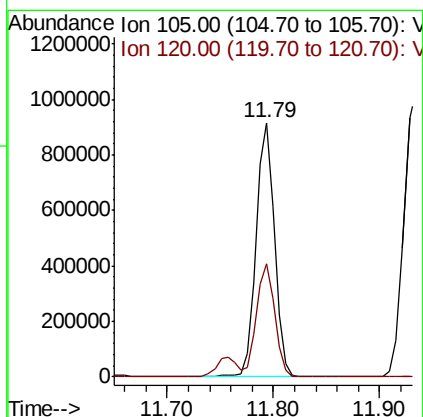
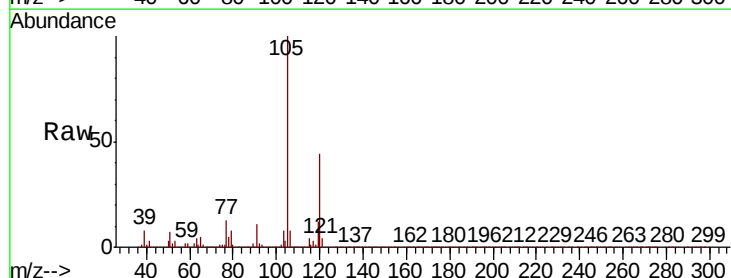
Instrument :
MSVOA_X
ClientSampleId :

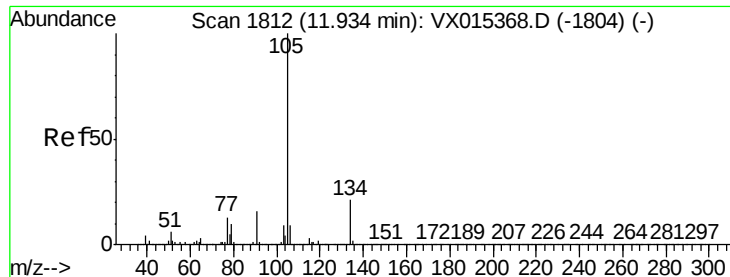
Tot Ion:119 Resp: 1059929
Ion Ratio Lower Upper
119 100
91 59.3 28.6 85.8
134 22.9 11.8 35.3



#84
1,2,4-Trimethylbenzene
Concen: 23.887 ug/l
RT: 11.79 min Scan# 1789
Delta R.T. -0.00 min
Lab File: VX015465.D
Acq: 01 Apr 2020 14:21

Tgt Ion:105 Resp: 1111240
Ion Ratio Lower Upper
105 100
120 44.5 22.7 68.1





#85

sec-Butylbenzene

Concen: 24.452 ug/l

RT: 11.93 min Scan# 1812

Delta R.T. -0.00 min

Lab File: VX015465.D

Acq: 01 Apr 2020 14:21

Instrument :

MSVOA_X

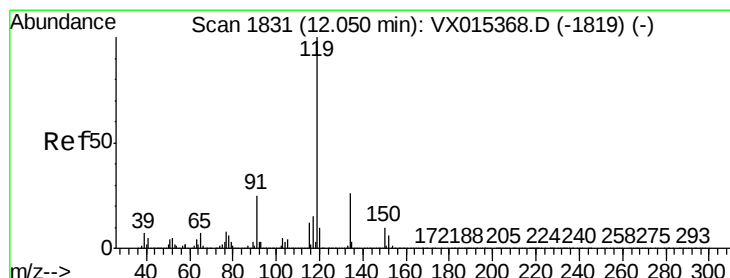
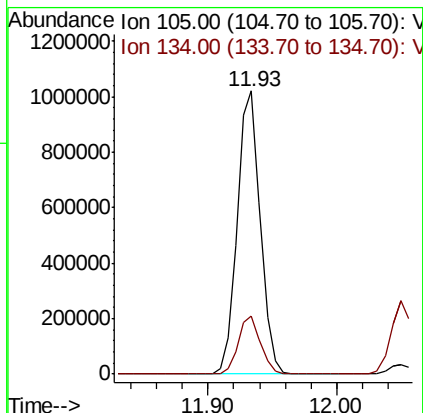
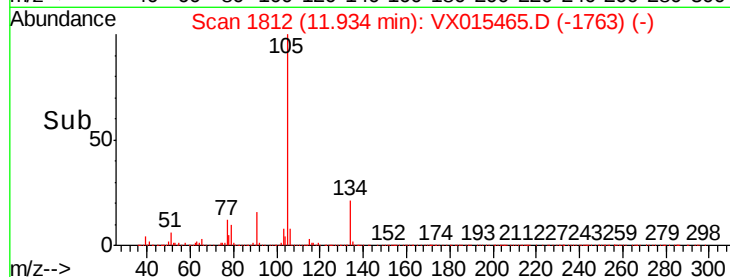
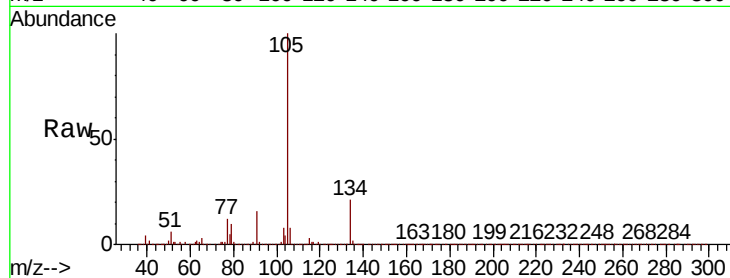
ClientSampled :

Tot Ion:105 Resp: 1261057

Ion Ratio Lower Upper

105 100

134 20.2 10.4 31.1



#86

p-Isopropyltoluene

Concen: 24.267 ug/l

RT: 12.05 min Scan# 1831

Delta R.T. -0.00 min

Lab File: VX015465.D

Acq: 01 Apr 2020 14:21

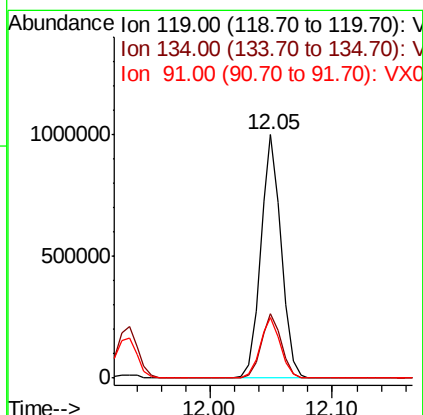
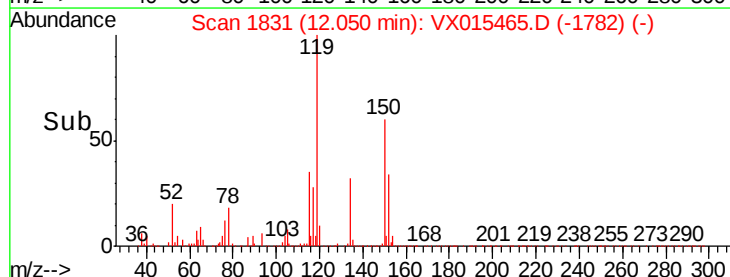
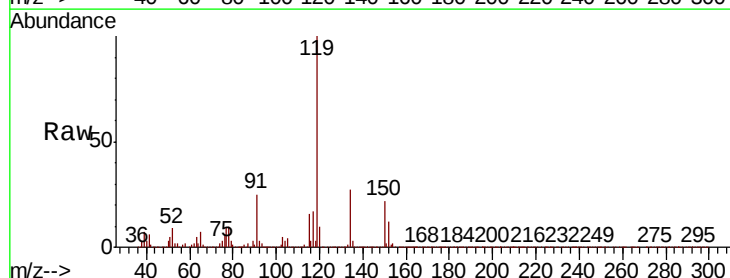
Tgt Ion:119 Resp: 1161836

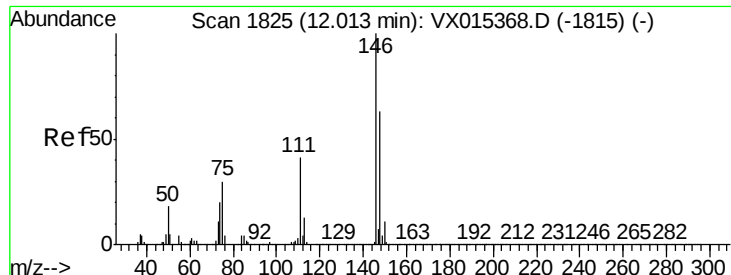
Ion Ratio Lower Upper

119 100

134 26.5 13.1 39.3

91 24.9 12.4 37.4

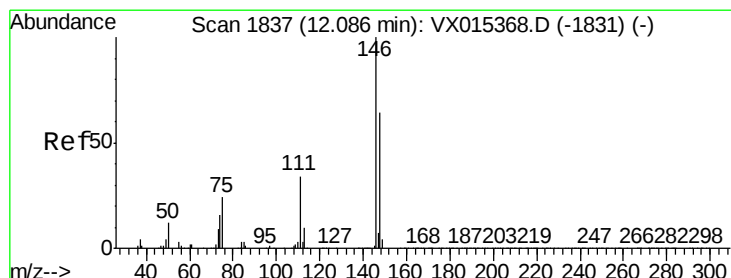
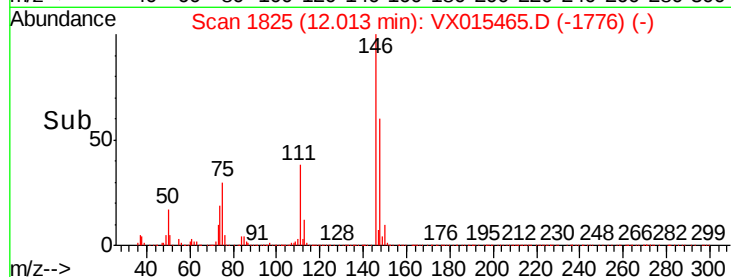
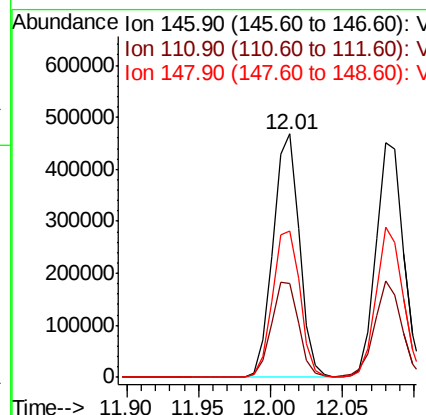
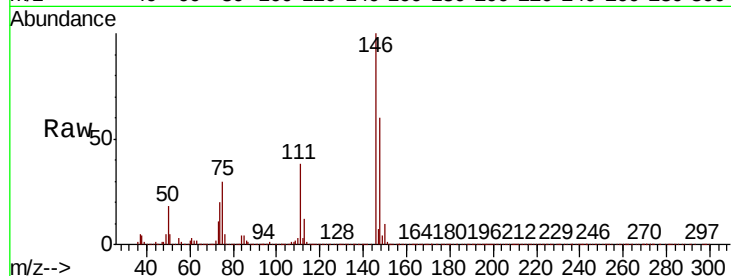




#87
 1,3-Dichlorobenzene
 Concen: 23.364 ug/l
 RT: 12.01 min Scan# 1825
 Delta R.T. -0.00 min
 Lab File: VX015465.D
 Acq: 01 Apr 2020 14:21

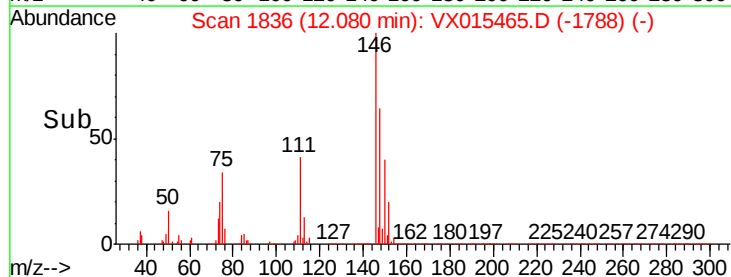
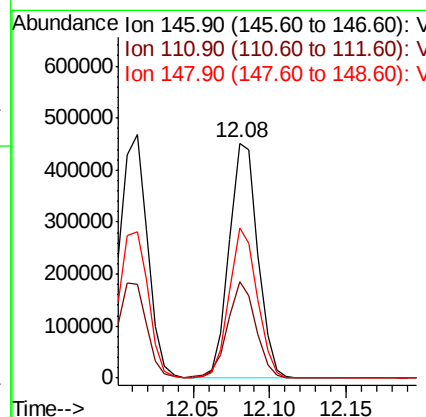
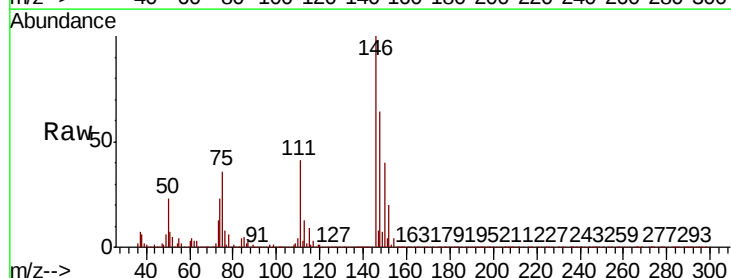
Instrument :
 MSVOA_X
 ClientSampleId :

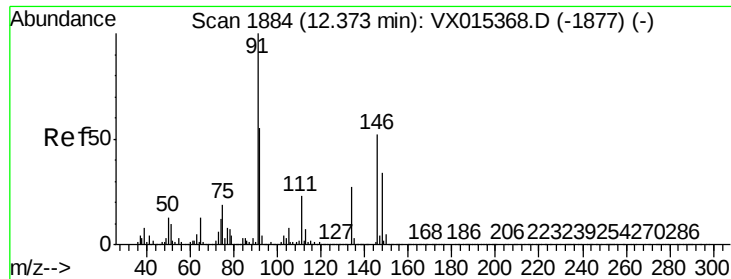
Tot Ion	Ratio	Lower	Upper
146	100		
111	40.0	20.3	60.9
148	62.7	31.3	93.9



#88
 1,4-Dichlorobenzene
 Concen: 22.538 ug/l
 RT: 12.08 min Scan# 1836
 Delta R.T. -0.01 min
 Lab File: VX015465.D
 Acq: 01 Apr 2020 14:21

Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.3	19.1	57.5
148	62.4	32.4	97.2

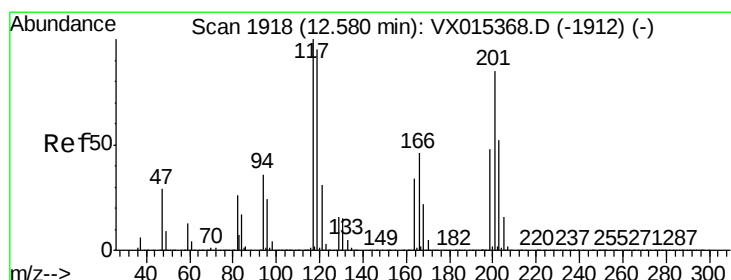
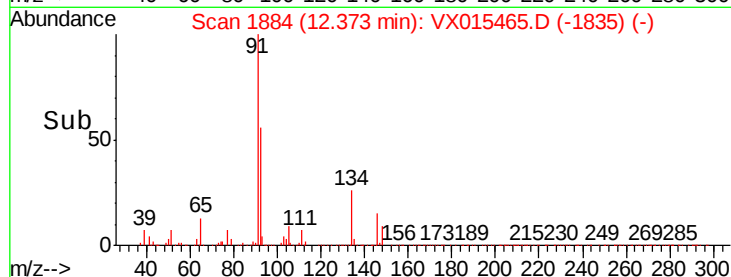
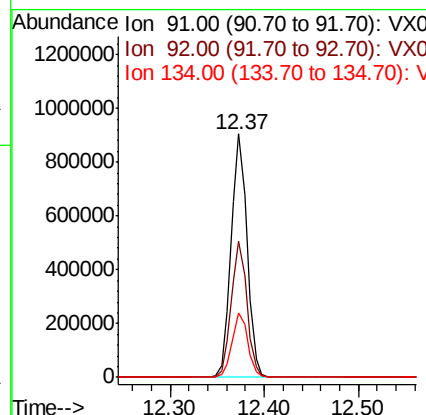
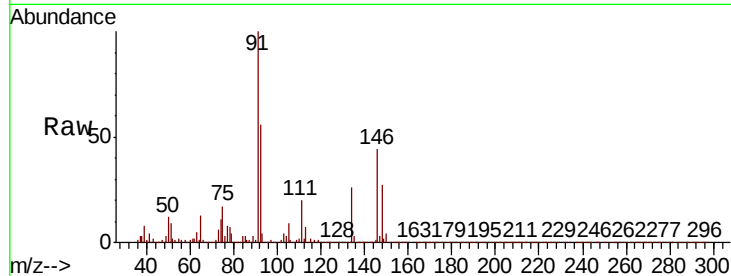




#89
n-Butylbenzene
Concen: 24.458 ug/l
RT: 12.37 min Scan# 1884
Delta R.T. -0.00 min
Lab File: VX015465.D
Acq: 01 Apr 2020 14:21

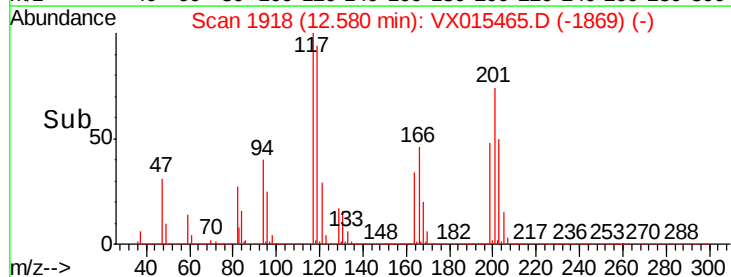
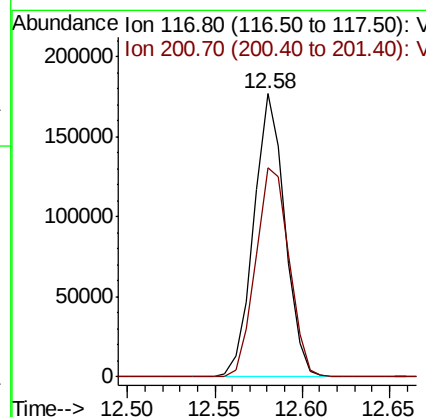
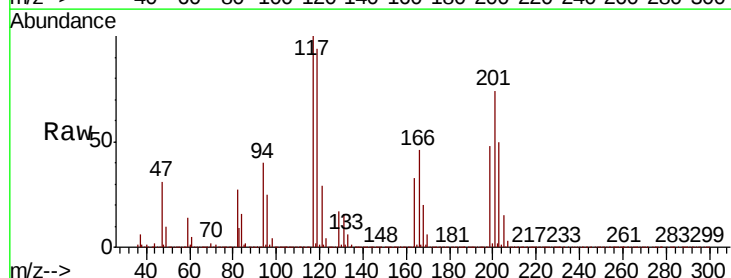
Instrument :
MSVOA_X
ClientSampled :

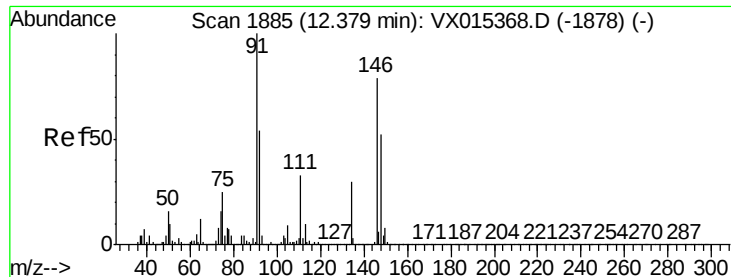
Tot Ion: 91 Resp: 1058179
Ion Ratio Lower Upper
91 100
92 55.0 27.2 81.5
134 26.2 13.4 40.2



#90
Hexachloroethane
Concen: 23.353 ug/l
RT: 12.58 min Scan# 1918
Delta R.T. -0.00 min
Lab File: VX015465.D
Acq: 01 Apr 2020 14:21

Tgt Ion: 117 Resp: 217613
Ion Ratio Lower Upper
117 100
201 80.1 42.6 128.0





#91

1,2-Dichlorobenzene

Concen: 22.812 ug/l

RT: 12.38 min Scan# 1885

Delta R.T. -0.00 min

Lab File: VX015465.D

Acq: 01 Apr 2020 14:21

Instrument :

MSVOA_X

ClientSampleId :

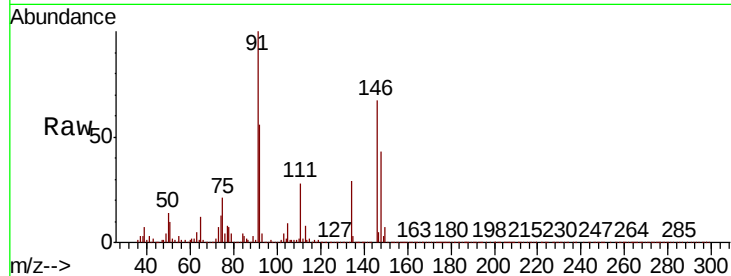
Tot Ion:146 Resp: 569827

Ion Ratio Lower Upper

146 100

111 41.6 21.0 63.0

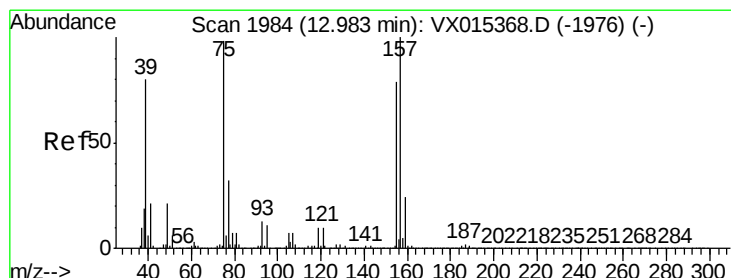
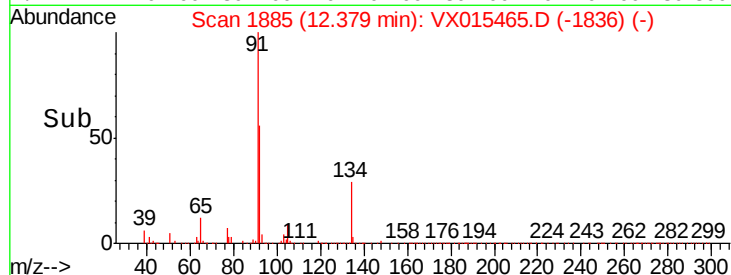
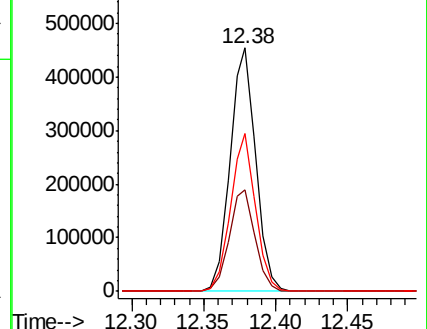
148 62.7 32.4 97.0



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 19.931 ug/l

RT: 12.98 min Scan# 1984

Delta R.T. -0.00 min

Lab File: VX015465.D

Acq: 01 Apr 2020 14:21

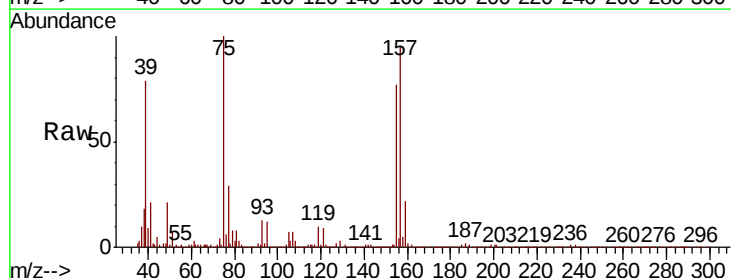
Tgt Ion: 75 Resp: 103183

Ion Ratio Lower Upper

75 100

155 82.5 42.8 128.4

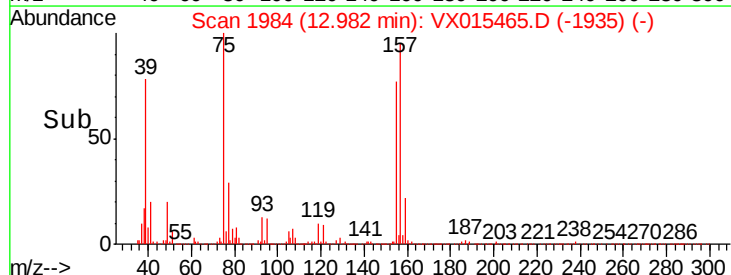
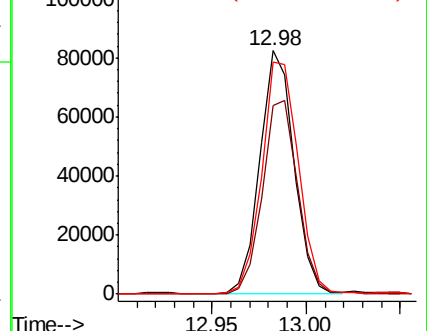
157 102.2 53.4 160.3

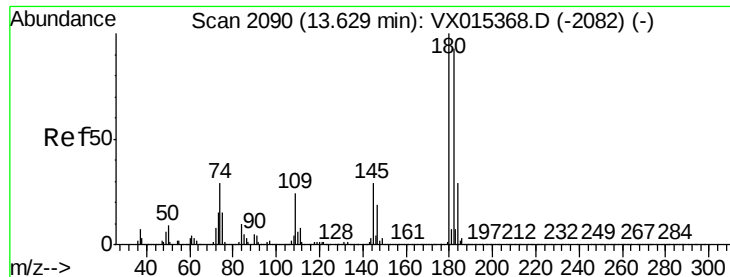


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

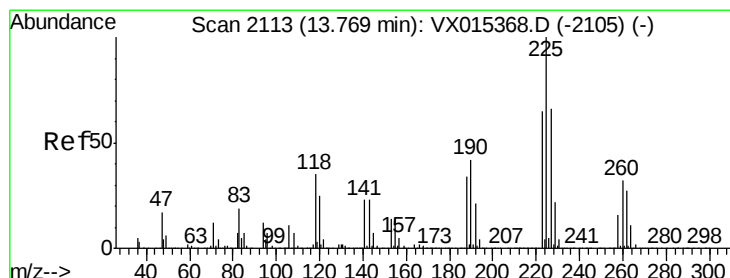
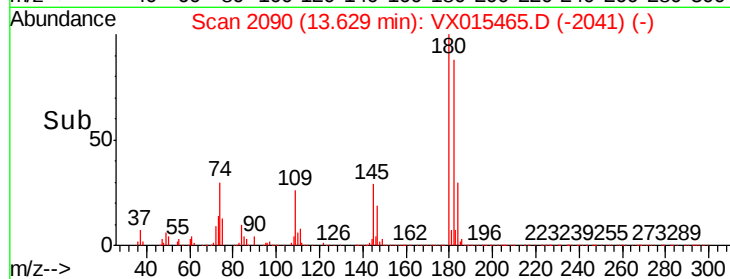
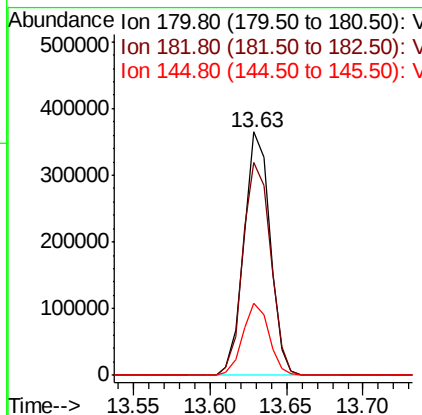
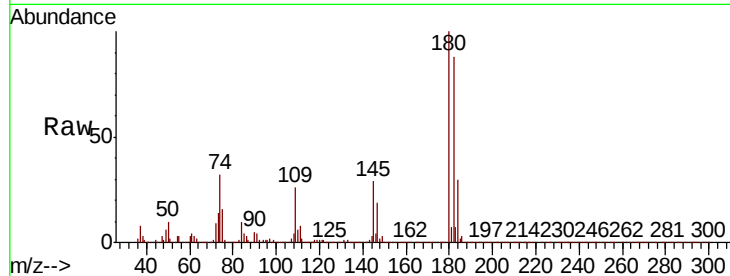




#93
 1,2,4-Trichlorobenzene
 Concen: 22.068 ug/l
 RT: 13.63 min Scan# 2090
 Delta R.T. -0.00 min
 Lab File: VX015465.D
 Acq: 01 Apr 2020 14:21

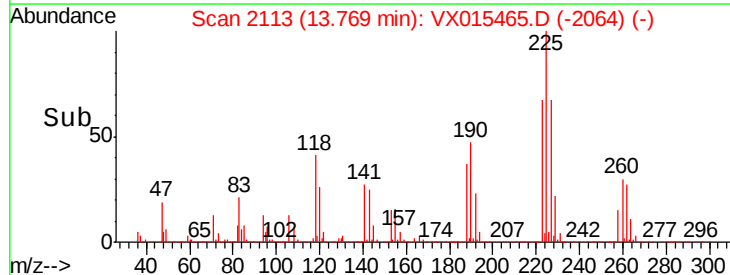
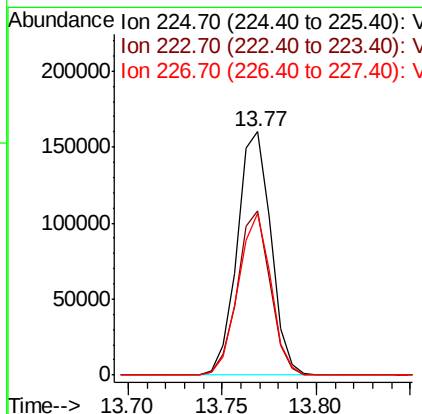
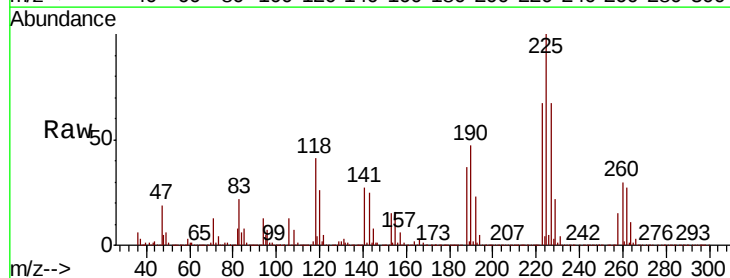
Instrument :
 MSVOA_X
 ClientSampleId :

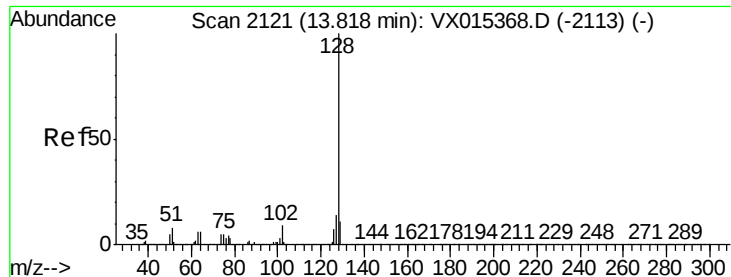
Tot Ion	Ratio	Lower	Upper
180	100		
182	92.9	46.9	140.7
145	30.0	14.9	44.5



#94
 Hexachlorobutadiene
 Concen: 21.114 ug/l
 RT: 13.77 min Scan# 2113
 Delta R.T. -0.00 min
 Lab File: VX015465.D
 Acq: 01 Apr 2020 14:21

Tgt Ion	Ratio	Lower	Upper
225	100		
223	65.7	31.9	95.7
227	64.7	30.4	91.3

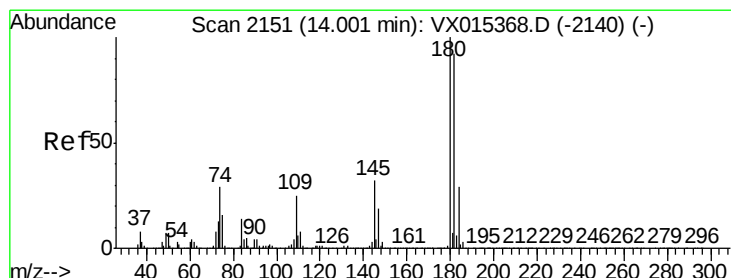
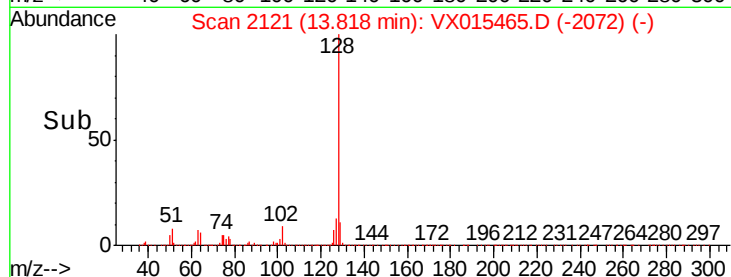
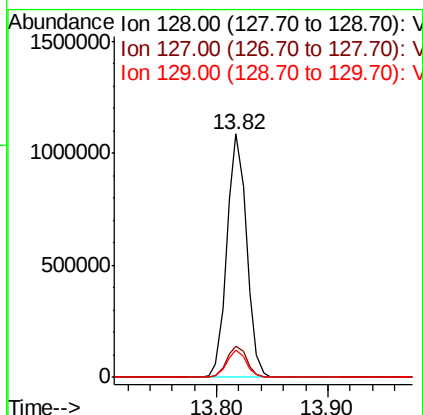
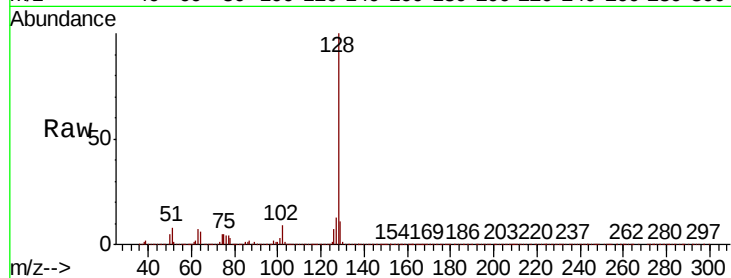




#95
Naphthalene
Concen: 21.938 ug/l
RT: 13.82 min Scan# 2121
Delta R.T. -0.00 min
Lab File: VX015465.D
Acq: 01 Apr 2020 14:21

Instrument :
MSVOA_X
ClientSampled :

Tot Ion:128 Resp: 1322252
Ion Ratio Lower Upper
128 100
127 13.1 10.6 15.8
129 11.1 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 23.053 ug/l
RT: 14.01 min Scan# 2152
Delta R.T. 0.01 min
Lab File: VX015465.D
Acq: 01 Apr 2020 14:21

Tgt Ion:180 Resp: 438557
Ion Ratio Lower Upper
180 100
182 93.6 46.7 140.0
145 31.4 15.8 47.3

