

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX041320\
 Data File : VX015645.D
 Acq On : 13 Apr 2020 16:26
 Operator : JC/SP
 Sample : VX0413WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0413WBSD01

Quant Time: Apr 13 17:26:21 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X032720W.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 27 09:35:51 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	1122214	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	1673608	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	1536808	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	817953	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.03	65	728033	46.00	ug/l	0.00
Spiked Amount			Recovery	=	92.00%	
35) Dibromofluoromethane	5.47	113	548697	51.29	ug/l	0.00
Spiked Amount			Recovery	=	102.58%	
50) Toluene-d8	8.70	98	1929065	48.98	ug/l	0.00
Spiked Amount			Recovery	=	97.96%	
62) 4-Bromofluorobenzene	11.12	95	776749	48.52	ug/l	0.00
Spiked Amount			Recovery	=	97.04%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.19	85	156667	15.846	ug/l	99
3) Chloromethane	1.31	50	212998	16.917	ug/l	97
4) Vinyl Chloride	1.39	62	207630	17.959	ug/l	100
5) Bromomethane	1.63	94	144128	22.615	ug/l	100
6) Chloroethane	1.71	64	134804	18.800	ug/l	98
7) Trichlorofluoromethane	1.92	101	275862	17.792	ug/l	95
8) Diethyl Ether	2.17	74	124797	19.083	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.37	101	174737	17.288	ug/l	98
10) Methyl Iodide	2.49	142	203819	14.957	ug/l	98
11) Tert butyl alcohol	3.01	59	294472	77.729	ug/l	100
12) 1,1-Dichloroethene	2.36	96	179444	16.937	ug/l	99
13) Acrolein	2.27	56	102305	47.406	ug/l	98
14) Allyl chloride	2.71	41	412606	16.667	ug/l	99
15) Acrylonitrile	3.12	53	658479	91.142	ug/l	100
16) Acetone	2.42	43	597645	87.890	ug/l	100
17) Carbon Disulfide	2.55	76	493614	15.273	ug/l	97
18) Methyl Acetate	2.75	43	321498	18.524	ug/l	99
19) Methyl tert-butyl Ether	3.17	73	751024	18.277	ug/l	99
20) Methylene Chloride	2.84	84	217940	17.159	ug/l	95
21) trans-1,2-Dichloroethene	3.14	96	202536	17.225	ug/l	94
22) Diisopropyl ether	3.83	45	805265	18.357	ug/l	98
23) Vinyl Acetate	3.79	43	3616314	91.051	ug/l	99
24) 1,1-Dichloroethane	3.67	63	402819	17.441	ug/l	100
25) 2-Butanone	4.64	43	957447	87.553	ug/l	98
26) 2,2-Dichloropropane	4.56	77	317416	16.743	ug/l	99
27) cis-1,2-Dichloroethene	4.57	96	242279	17.810	ug/l	99
28) Bromochloromethane	4.98	49	212024	19.227	ug/l	98
29) Tetrahydrofuran	5.09	42	613582	87.277	ug/l	98
30) Chloroform	5.19	83	400428	18.020	ug/l	95
31) Cyclohexane	5.55	56	324808	16.211	ug/l	99
32) 1,1,1-Trichloroethane	5.47	97	347141	17.262	ug/l	99
36) 1,1-Dichloropropene	5.77	75	277821	18.016	ug/l	99
37) Ethyl Acetate	4.80	43	377558	18.804	ug/l	99
38) Carbon Tetrachloride	5.76	117	298606	17.878	ug/l	98

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 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	311869	17.541	ug/l	98
40) Benzene	6.12	78	858230	19.000	ug/l	99
41) Methacrylonitrile	5.01	41	212717	19.085	ug/l	97
42) 1,2-Dichloroethane	6.17	62	355434	19.589	ug/l	100
43) Isopropyl Acetate	6.42	43	630529	18.603	ug/l	99
44) Trichloroethene	7.19	130	233376	18.944	ug/l	92
45) 1,2-Dichloropropane	7.49	63	233033	18.859	ug/l	100
46) Dibromomethane	7.64	93	154326	19.039	ug/l	95
47) Bromodichloromethane	7.88	83	319098	18.475	ug/l	98
48) Methyl methacrylate	7.75	41	315515	18.636	ug/l	98
49) 1,4-Dioxane	7.72	88	113530	359.467	ug/l	98
51) 4-Methyl-2-Pentanone	8.62	43	1880559	97.901	ug/l	100
52) Toluene	8.77	92	530567	19.052	ug/l	100
53) t-1,3-Dichloropropene	9.03	75	360876	17.815	ug/l	94
54) cis-1,3-Dichloropropene	8.42	75	383901	18.604	ug/l	95
55) 1,1,2-Trichloroethane	9.20	97	231011	20.247	ug/l	97
56) Ethyl methacrylate	9.16	69	374488	18.624	ug/l	99
57) 1,3-Dichloropropane	9.36	76	395637	19.246	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	1006462	102.902	ug/l	100
59) 2-Hexanone	9.48	43	1421532	98.022	ug/l	100
60) Dibromochloromethane	9.57	129	262813	19.169	ug/l	99
61) 1,2-Dibromoethane	9.65	107	240576	19.391	ug/l	99
64) Tetrachloroethene	9.32	164	209148	18.033	ug/l	93
65) Chlorobenzene	10.12	112	581407	18.970	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.21	131	234113	19.120	ug/l	99
67) Ethyl Benzene	10.24	91	1006668	18.519	ug/l	98
68) m/p-Xylenes	10.34	106	766572	37.872	ug/l	99
69) o-Xylene	10.68	106	378335	18.915	ug/l	99
70) Styrene	10.70	104	663336	18.847	ug/l	99
71) Bromoform	10.84	173	206015	18.483	ug/l #	99
73) Isopropylbenzene	11.00	105	977554	18.240	ug/l	100
74) N-amyl acetate	10.88	43	532468	17.863	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.25	83	349103	18.983	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	413335	24.573	ug/l	84
77) Bromobenzene	11.24	156	279055	19.520	ug/l	93
78) n-propylbenzene	11.34	91	1095744	17.880	ug/l	99
79) 2-Chlorotoluene	11.40	91	677478	18.036	ug/l	98
80) 1,3,5-Trimethylbenzene	11.50	105	839194	18.335	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.06	75	115057	16.413	ug/l	95
82) 4-Chlorotoluene	11.50	91	809208	18.377	ug/l	100
83) tert-Butylbenzene	11.76	119	844942	18.899	ug/l	98
84) 1,2,4-Trimethylbenzene	11.79	105	860981	18.459	ug/l	100
85) sec-Butylbenzene	11.93	105	945945	18.294	ug/l	100
86) p-Isopropyltoluene	12.05	119	892356	18.590	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	492468	19.243	ug/l	98
88) 1,4-Dichlorobenzene	12.08	146	494845	18.983	ug/l	99
89) n-Butylbenzene	12.37	91	781686	18.020	ug/l	99
90) Hexachloroethane	12.58	117	152921	16.367	ug/l	89
91) 1,2-Dichlorobenzene	12.38	146	491925	19.642	ug/l	96
92) 1,2-Dibromo-3-Chloropropan	12.98	75	84834	16.344	ug/l	95

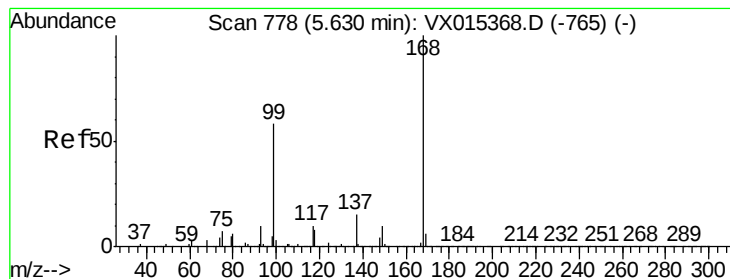
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX041320\
Data File : VX015645.D
Acq On : 13 Apr 2020 16:26
Operator : JC/SP
Sample : VX0413WBSD01
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Instrument :
MSVOA_X
ClientSampleId :
VX0413WBSD01

Quant Time: Apr 13 17:26:21 2020
Quant Method : Z:\V0ASRV\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	374218	18.890	ug/l	97
94) Hexachlorobutadiene	13.77	225	177274	18.795	ug/l	97
95) Naphthalene	13.82	128	1166027	19.296	ug/l	100
96) 1,2,3-Trichlorobenzene	14.00	180	372913	19.551	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.64 min Scan# 779

Delta R.T. 0.01 min

Lab File: VX015645.D

Acq: 13 Apr 2020 16:26

Instrument :

MSVOA_X

ClientSampleId :

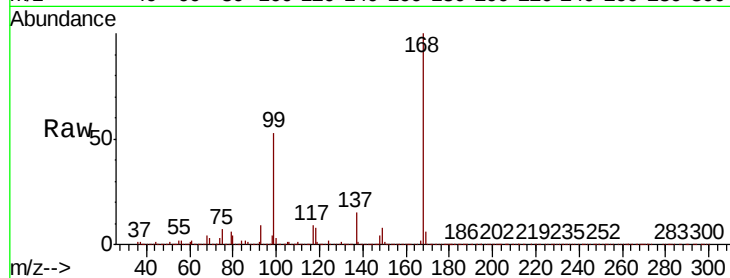
VX0413WBSD01

Tot Ion:168 Resp: 1122214

Ion Ratio Lower Upper

168 100

99 53.0 46.4 69.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.64

400000

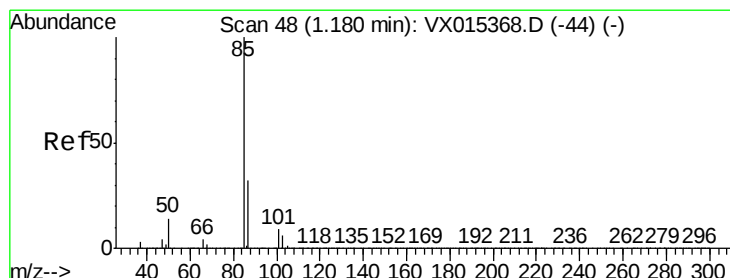
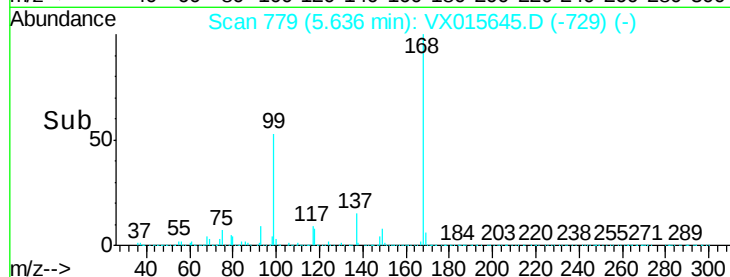
300000

200000

100000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 15.846 ug/l

RT: 1.19 min Scan# 49

Delta R.T. 0.01 min

Lab File: VX015645.D

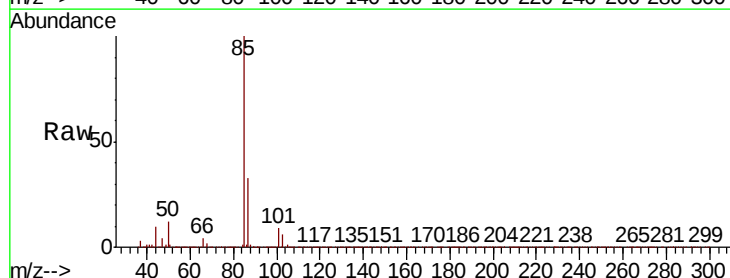
Acq: 13 Apr 2020 16:26

Tgt Ion: 85 Resp: 156667

Ion Ratio Lower Upper

85 100

87 32.5 16.0 47.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.19

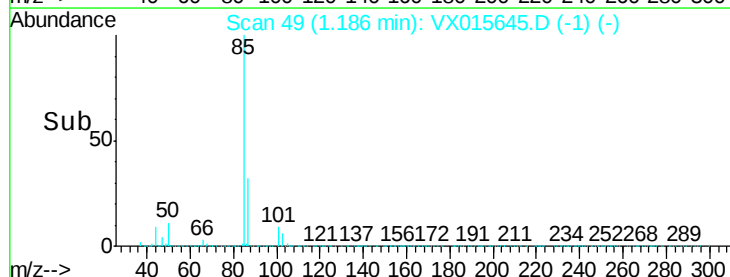
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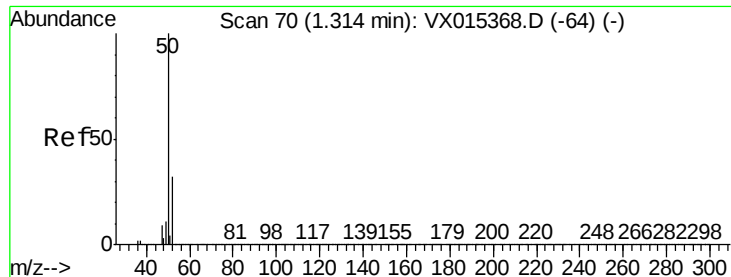
100000

50000

0

Time-->





#3

Chloromethane

Concen: 16.917 ug/l

RT: 1.31 min Scan# 70

Delta R.T. 0.00 min

Lab File: VX015645.D

Acq: 13 Apr 2020 16:26

Instrument :

MSVOA_X

ClientSampleId :

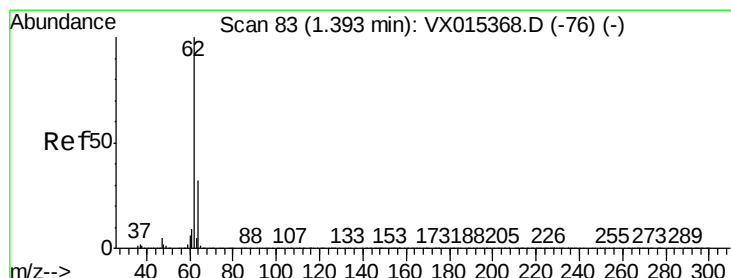
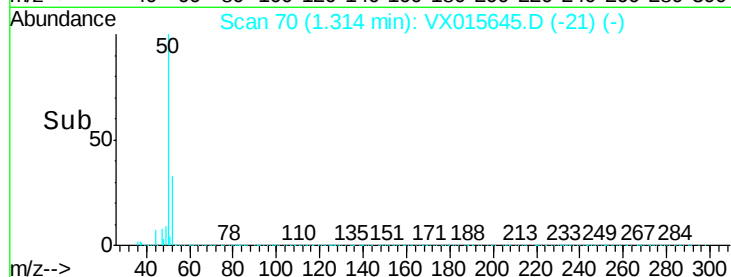
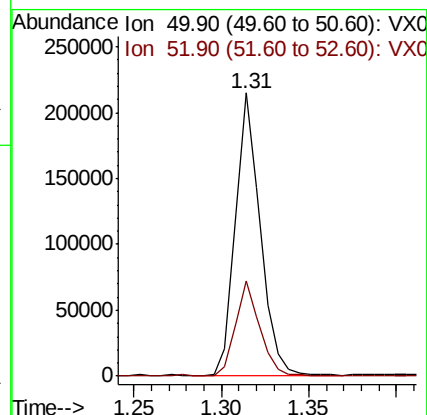
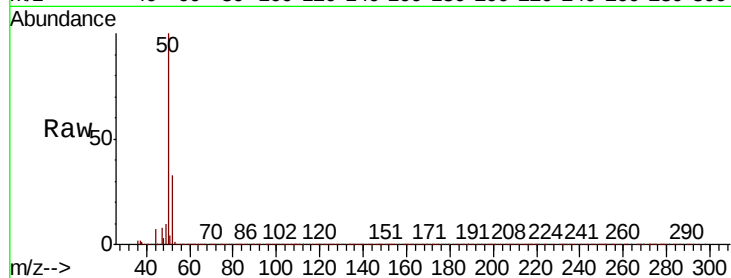
VX0413WBSD01

Tot Ion: 50 Resp: 212998

Ion Ratio Lower Upper

50 100

52 33.3 25.3 37.9



#4

Vinyl Chloride

Concen: 17.959 ug/l

RT: 1.39 min Scan# 83

Delta R.T. 0.00 min

Lab File: VX015645.D

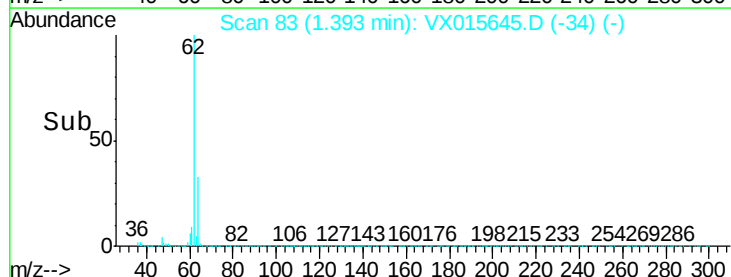
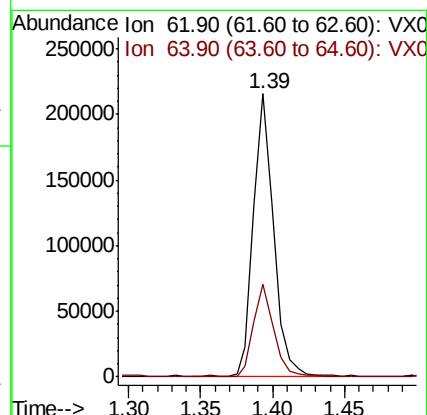
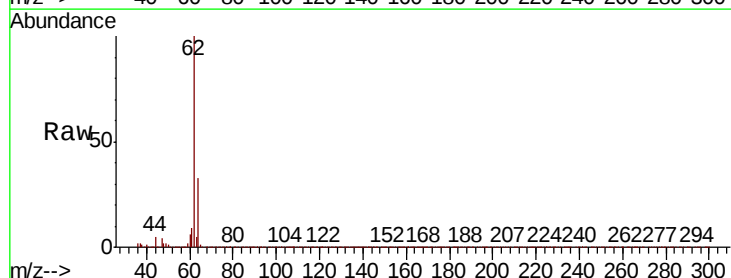
Acq: 13 Apr 2020 16:26

Tgt Ion: 62 Resp: 207630

Ion Ratio Lower Upper

62 100

64 32.7 26.0 39.0





#5

Bromomethane

Concen: 22.615 ug/l

RT: 1.63 min Scan# 122

Delta R.T. 0.01 min

Lab File: VX015645.D

Acq: 13 Apr 2020 16:26

Instrument :

MSVOA_X

ClientSampleId :

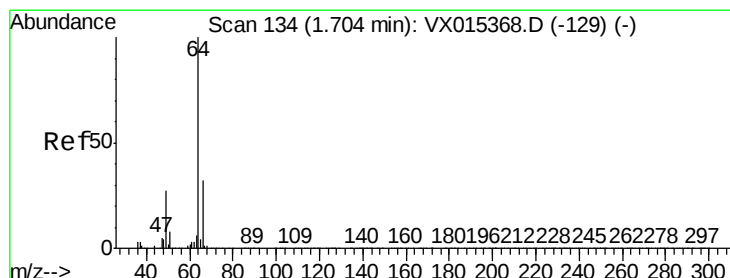
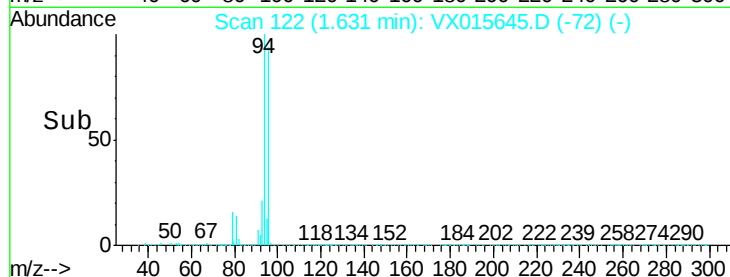
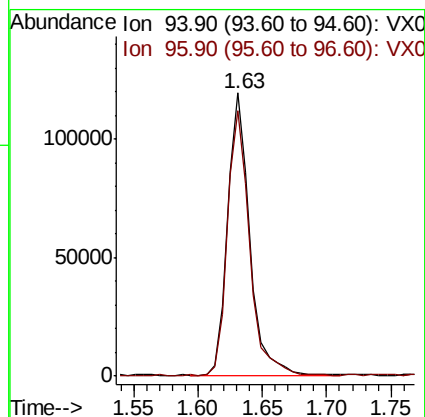
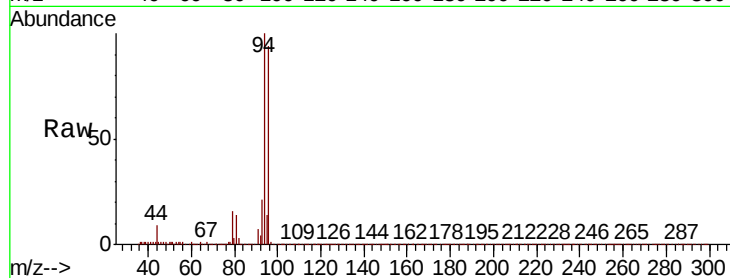
VX0413WBSD01

Tot Ion: 94 Resp: 144128

Ion Ratio Lower Upper

94 100

96 93.7 74.8 112.2



#6

Chloroethane

Concen: 18.800 ug/l

RT: 1.71 min Scan# 135

Delta R.T. 0.01 min

Lab File: VX015645.D

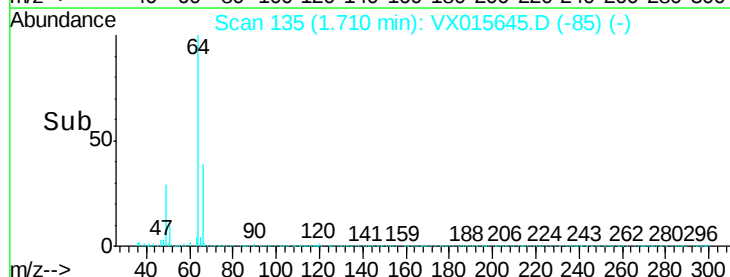
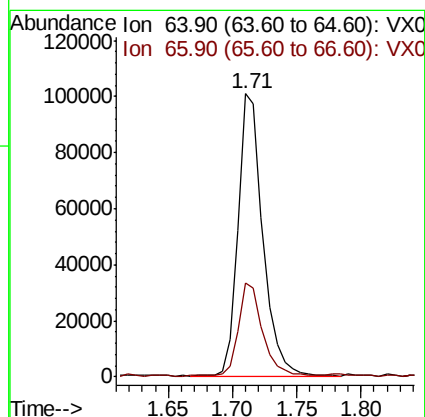
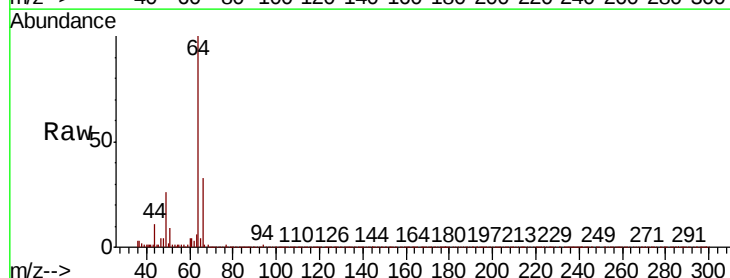
Acq: 13 Apr 2020 16:26

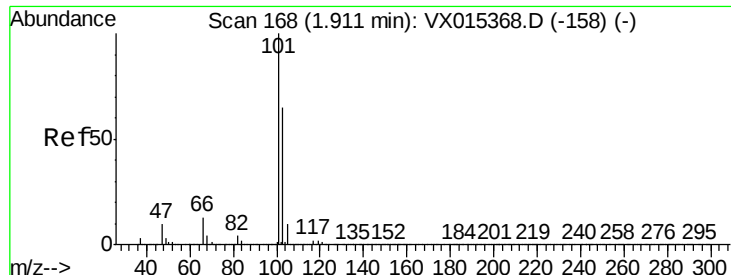
Tgt Ion: 64 Resp: 134804

Ion Ratio Lower Upper

64 100

66 32.6 25.4 38.2



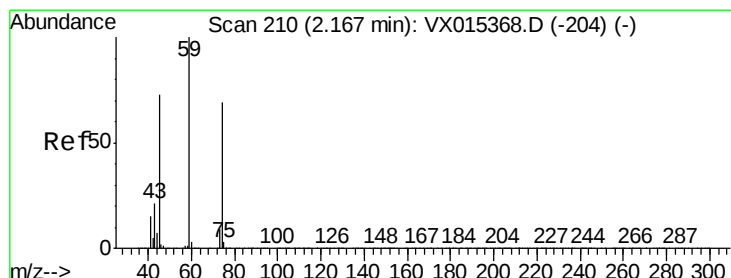
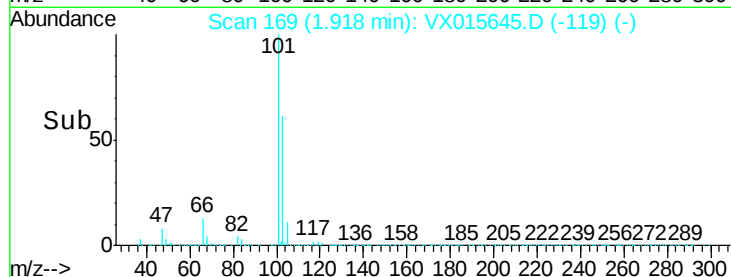
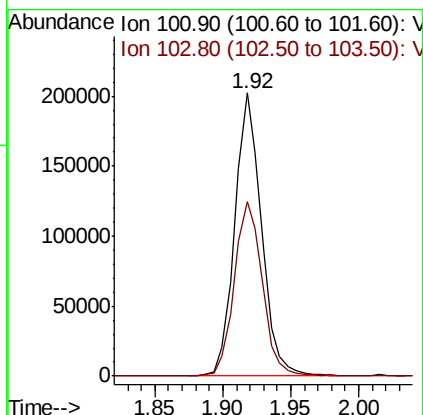
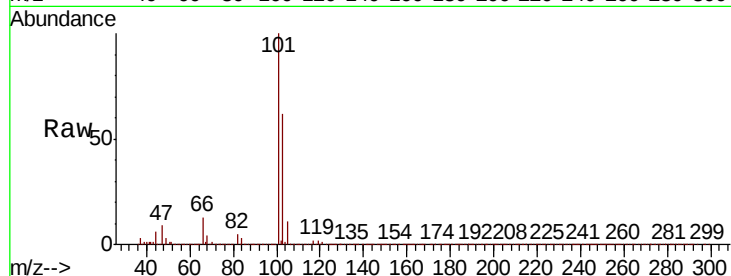


#7

Trichlorofluoromethane
Concen: 17.792 ug/l
RT: 1.92 min Scan# 169
Delta R.T. 0.01 min
Lab File: VX015645.D
Acq: 13 Apr 2020 16:26

Instrument :
MSVOA_X
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VX0413WBSD01

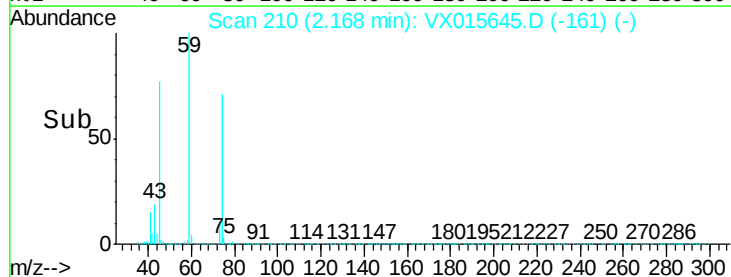
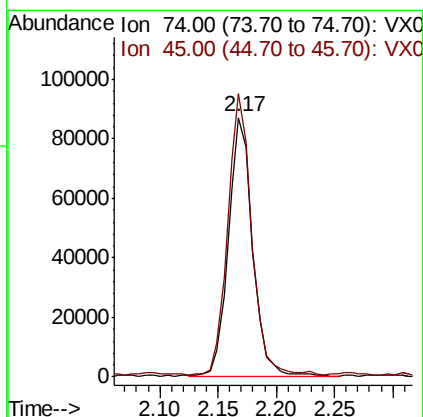
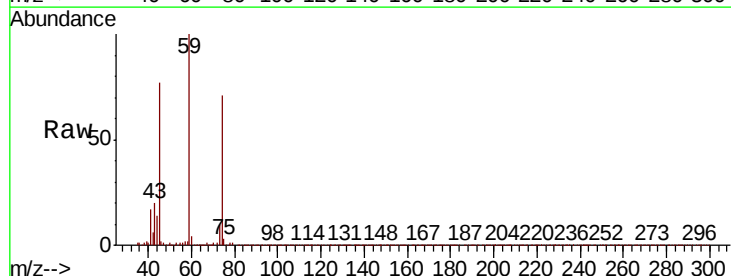
Tot Ion:101 Resp: 275862
Ion Ratio Lower Upper
101 100
103 61.4 52.3 78.5

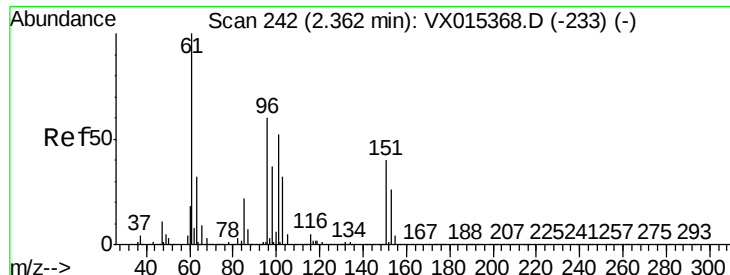


#8

Diethyl Ether
Concen: 19.083 ug/l
RT: 2.17 min Scan# 210
Delta R.T. 0.00 min
Lab File: VX015645.D
Acq: 13 Apr 2020 16:26

Tgt Ion: 74 Resp: 124797
Ion Ratio Lower Upper
74 100
45 107.5 53.8 161.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 17.288 ug/l

RT: 2.37 min Scan# 243

Delta R.T. 0.01 min

Lab File: VX015645.D

Acq: 13 Apr 2020 16:26

Instrument :

MSVOA_X

ClientSampleId :

VX0413WBSD01

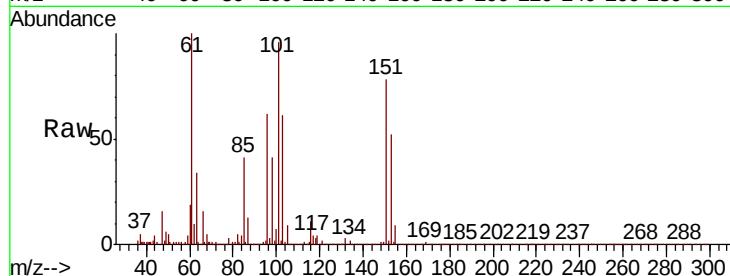
Tot Ion:101 Resp: 174737

Ion Ratio Lower Upper

101 100

85 43.5 35.0 52.4

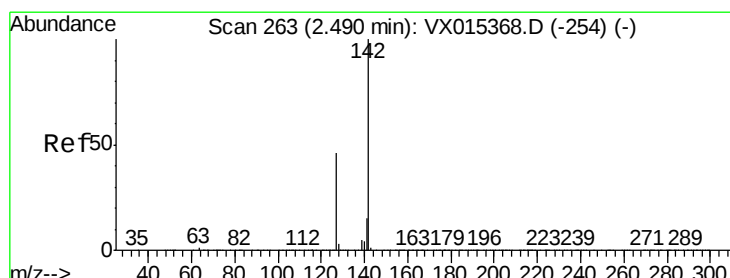
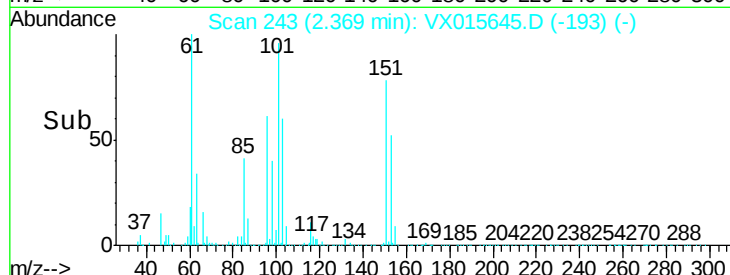
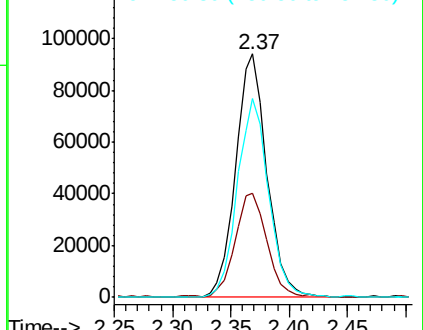
151 82.0 64.1 96.1



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 14.957 ug/l

RT: 2.49 min Scan# 263

Delta R.T. 0.00 min

Lab File: VX015645.D

Acq: 13 Apr 2020 16:26

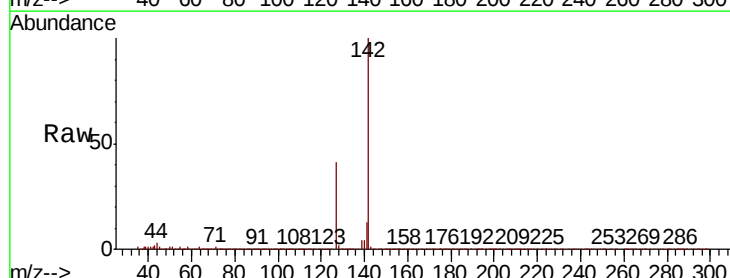
Tgt Ion:142 Resp: 203819

Ion Ratio Lower Upper

142 100

127 43.1 35.9 53.9

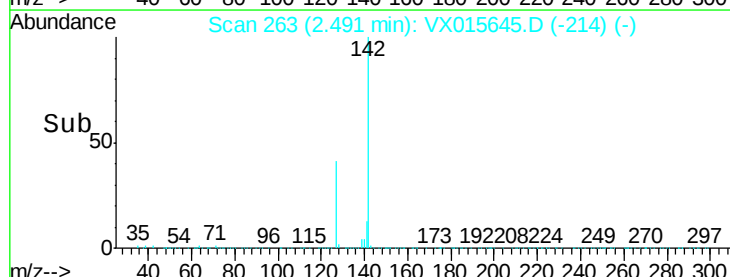
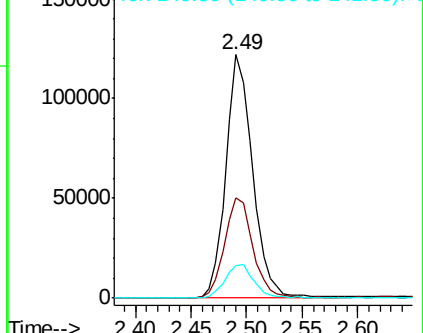
141 14.7 11.6 17.4

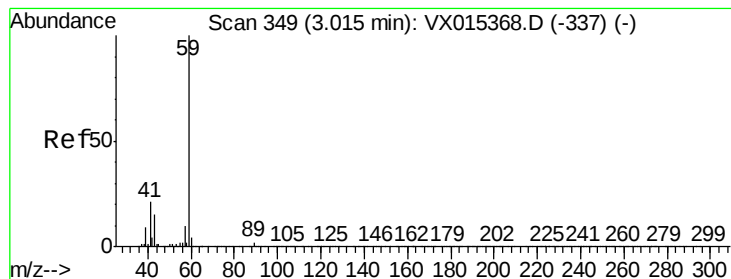


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



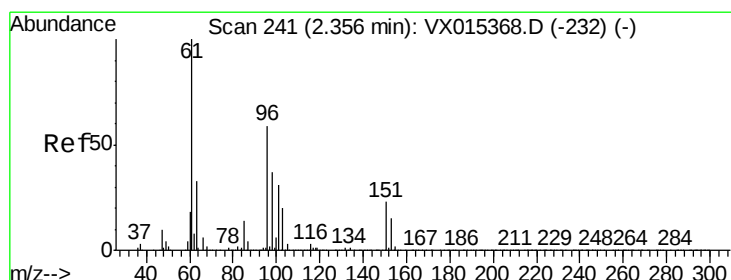
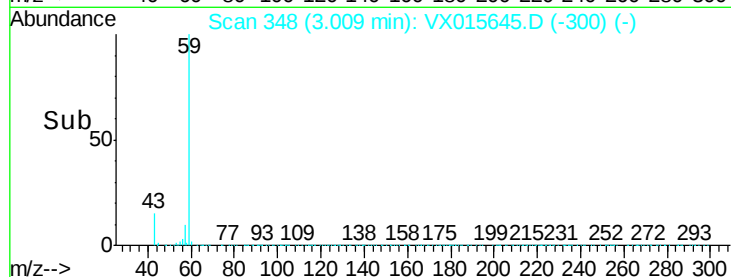
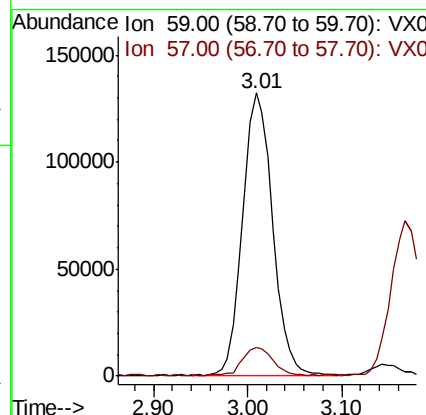
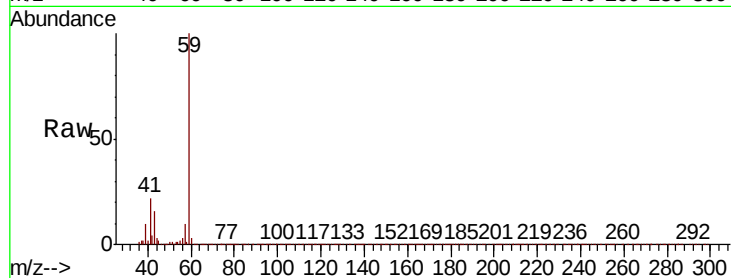


#11

Tert butyl alcohol
Concen: 77.729 ug/l
RT: 3.01 min Scan# 348
Delta R.T. -0.01 min
Lab File: VX015645.D
Acq: 13 Apr 2020 16:26

Instrument :
MSVOA_X
ClientSampleId :
VX0413WBSD01

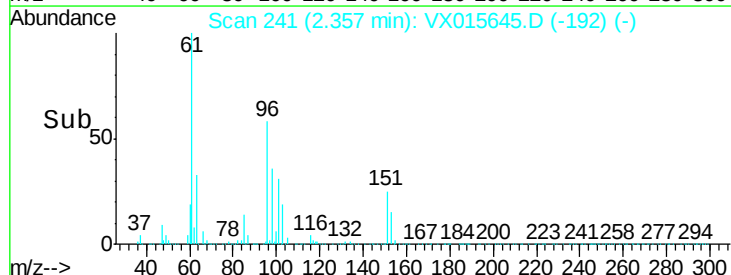
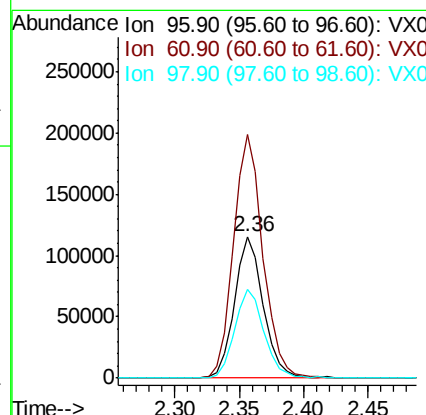
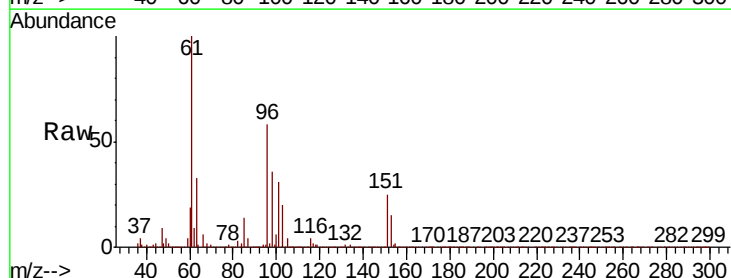
Tot Ion: 59 Resp: 294472
Ion Ratio Lower Upper
59 100
57 10.2 8.1 12.1

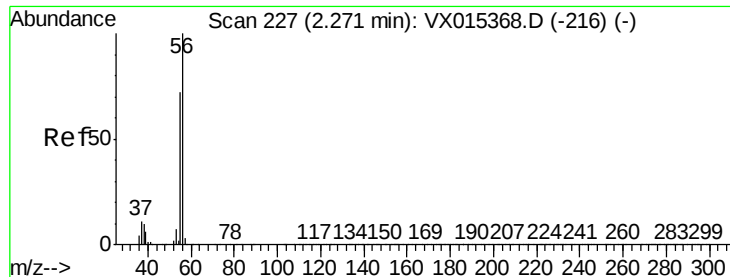


#12

1,1-Dichloroethene
Concen: 16.937 ug/l
RT: 2.36 min Scan# 241
Delta R.T. 0.00 min
Lab File: VX015645.D
Acq: 13 Apr 2020 16:26

Tgt Ion: 96 Resp: 179444
Ion Ratio Lower Upper
96 100
61 171.8 135.7 203.5
98 62.4 50.6 75.8

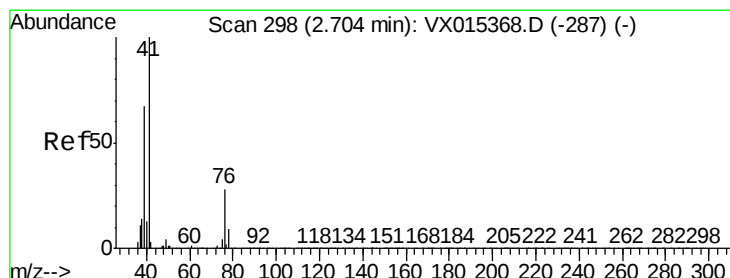
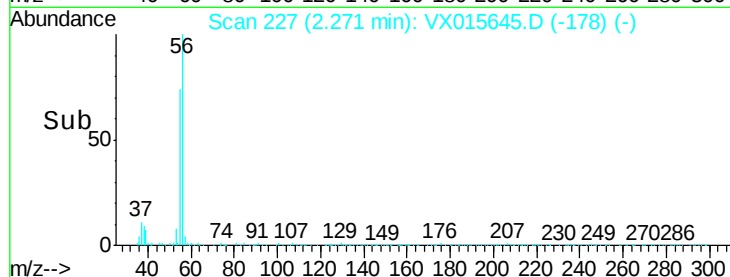
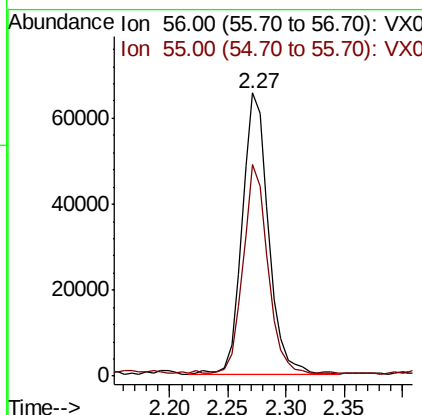
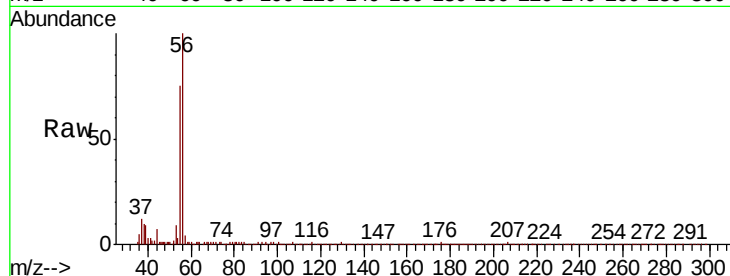




#13
Acrolein
Concen: 47.406 ug/l
RT: 2.27 min Scan# 227
Delta R.T. 0.00 min
Lab File: VX015645.D
Acq: 13 Apr 2020 16:26

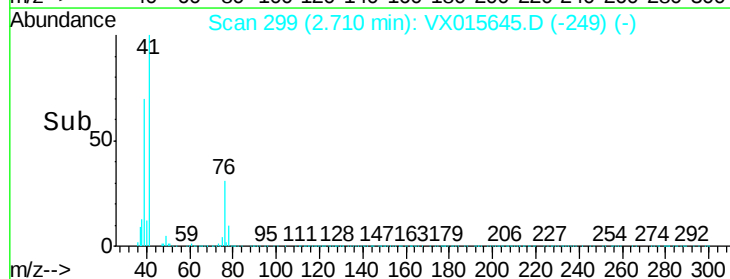
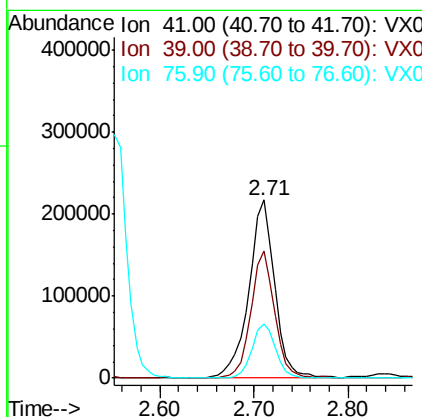
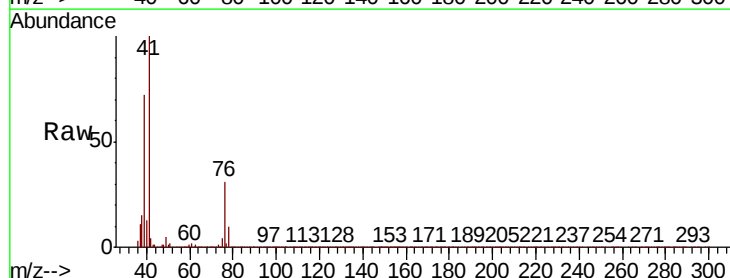
Instrument :
MSVOA_X
ClientSampleId :
VX0413WBSD01

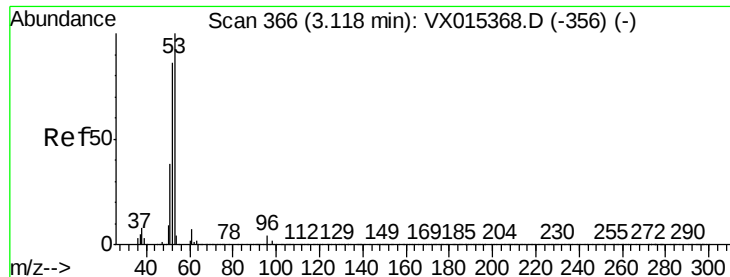
Tot Ion: 56 Resp: 102305
Ion Ratio Lower Upper
56 100
55 69.3 57.0 85.4



#14
Allyl chloride
Concen: 16.667 ug/l
RT: 2.71 min Scan# 299
Delta R.T. 0.01 min
Lab File: VX015645.D
Acq: 13 Apr 2020 16:26

Tgt Ion: 41 Resp: 412606
Ion Ratio Lower Upper
41 100
39 65.2 51.4 77.0
76 27.8 21.8 32.8





#15

Acrylonitrile

Concen: 91.142 ug/l

RT: 3.12 min Scan# 366

Delta R.T. 0.00 min

Lab File: VX015645.D

Acq: 13 Apr 2020 16:26

Instrument :

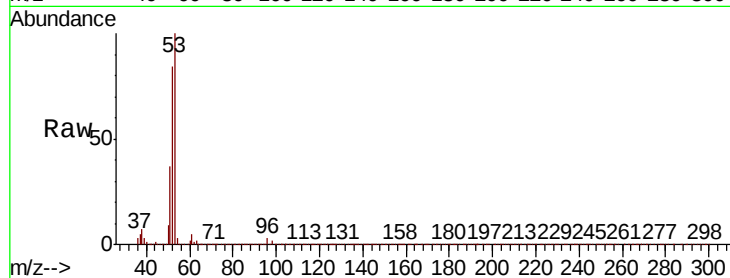
MSVOA_X

ClientSampleId :

VX0413WBSD01

Tot Ion: 53 Resp: 658479

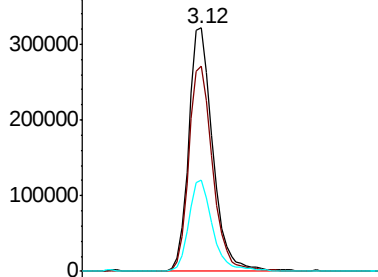
Ion	Ratio	Lower	Upper
53	100		
52	83.4	66.8	100.2
51	37.5	29.5	44.3



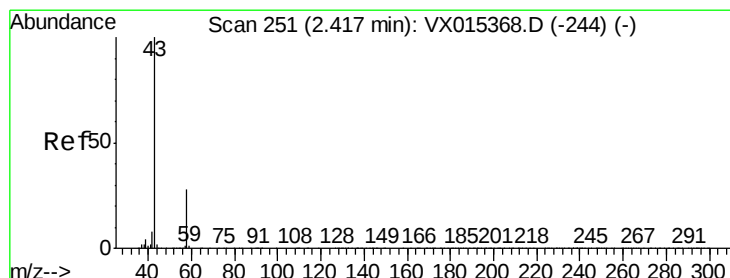
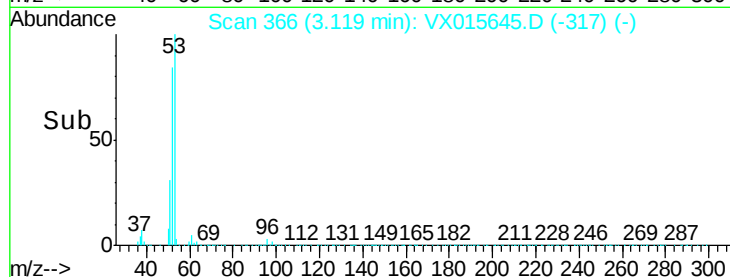
Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



Time-->



#16

Acetone

Concen: 87.890 ug/l

RT: 2.42 min Scan# 251

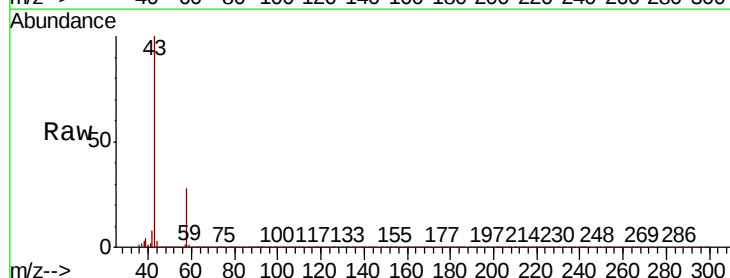
Delta R.T. 0.00 min

Lab File: VX015645.D

Acq: 13 Apr 2020 16:26

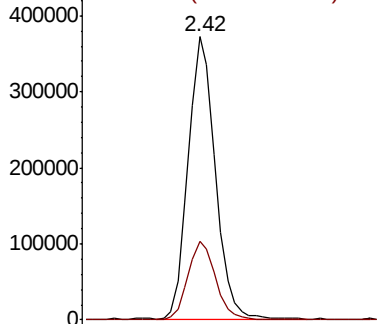
Tgt Ion: 43 Resp: 597645

Ion	Ratio	Lower	Upper
43	100		
58	27.6	22.1	33.1

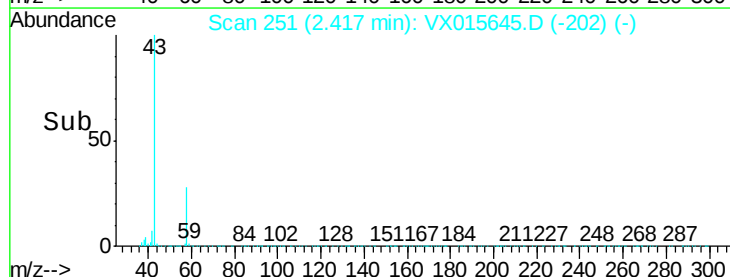


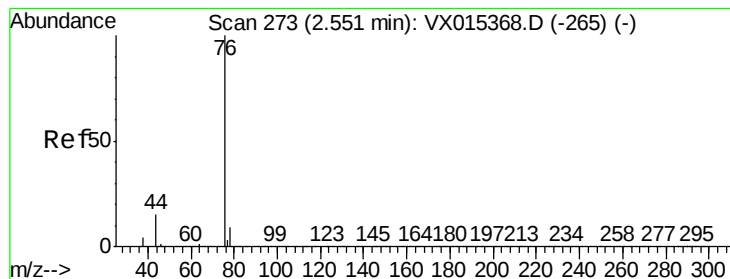
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



Time-->





#17

Carbon Disulfide

Concen: 15.273 ug/l

RT: 2.55 min Scan# 273

Delta R.T. 0.00 min

Lab File: VX015645.D

Acq: 13 Apr 2020 16:26

Instrument :

MSVOA_X

ClientSampleId :

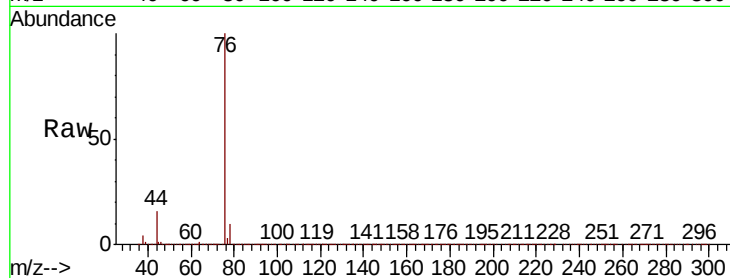
VX0413WBSD01

Tot Ion: 76 Resp: 493614

Ion Ratio Lower Upper

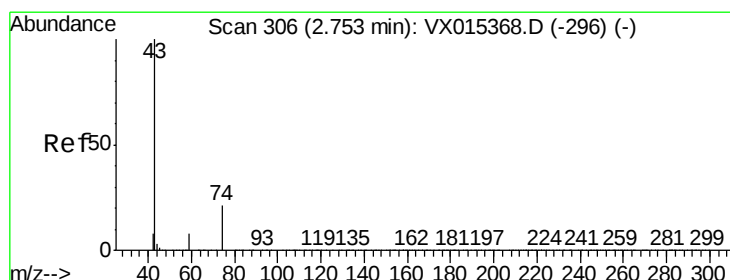
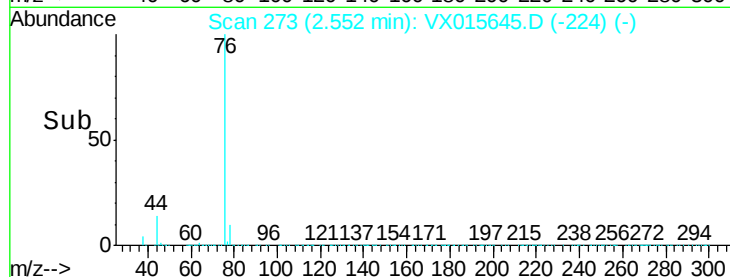
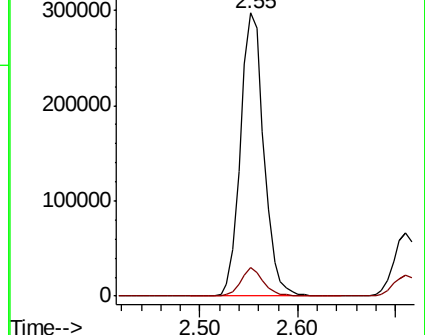
76 100

78 10.0 7.1 10.7



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 18.524 ug/l

RT: 2.75 min Scan# 306

Delta R.T. 0.00 min

Lab File: VX015645.D

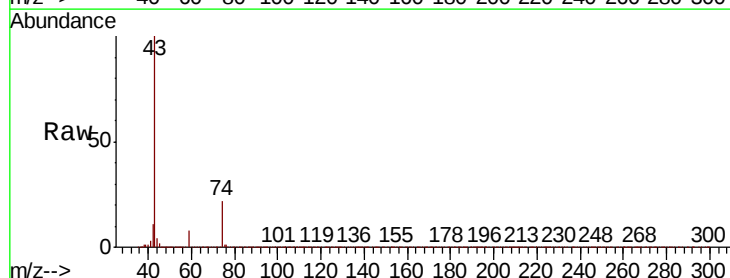
Acq: 13 Apr 2020 16:26

Tgt Ion: 43 Resp: 321498

Ion Ratio Lower Upper

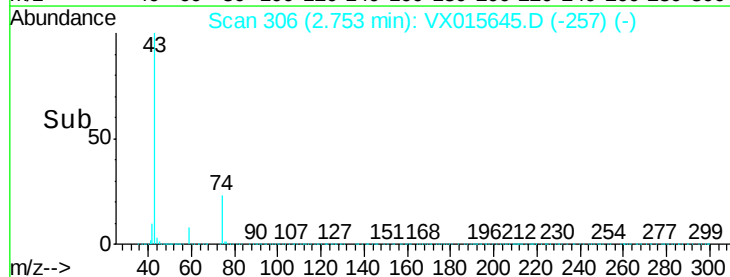
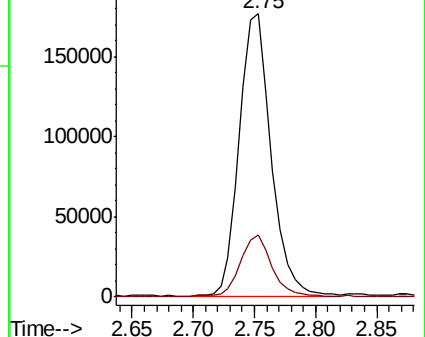
43 100

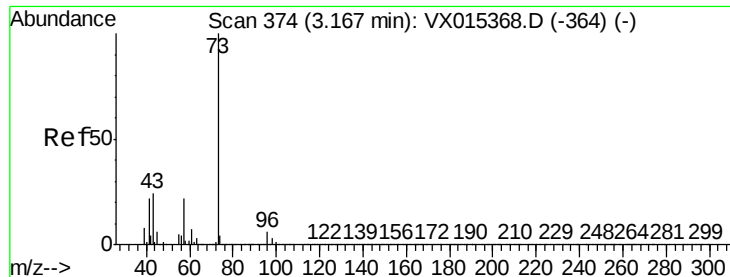
74 21.1 16.5 24.7



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0



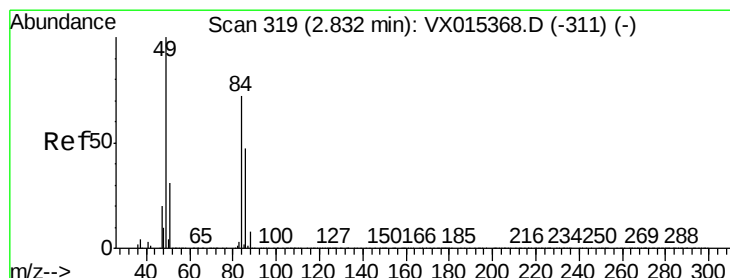
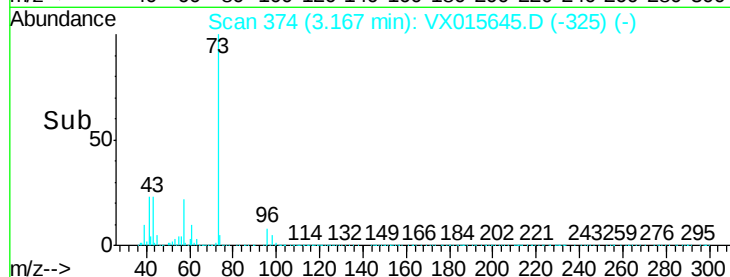
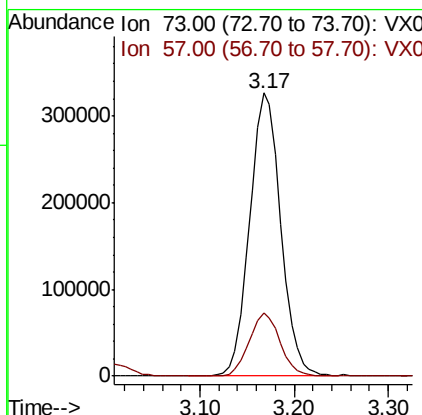
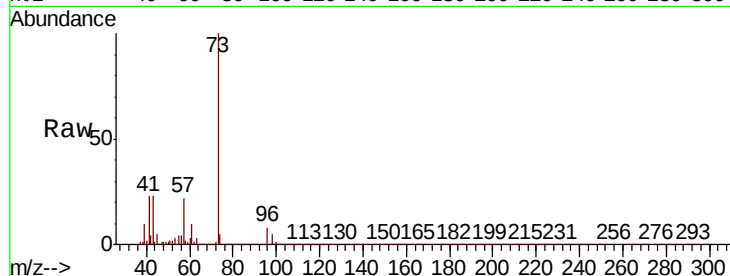


#19

Methyl tert-butyl Ether
 Concen: 18.277 ug/l
 RT: 3.17 min Scan# 374
 Delta R.T. 0.00 min
 Lab File: VX015645.D
 Acq: 13 Apr 2020 16:26

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0413WBSD01

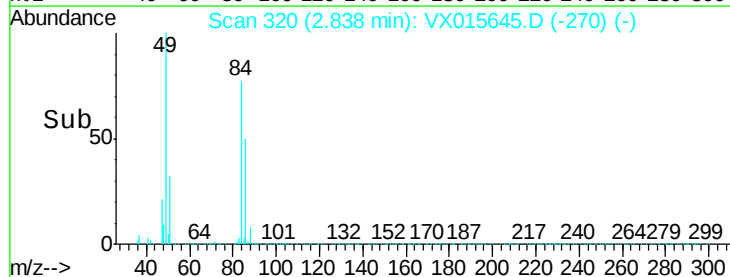
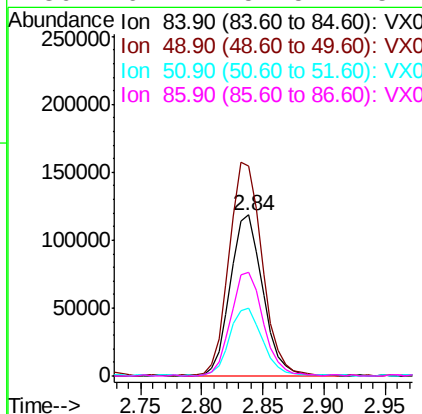
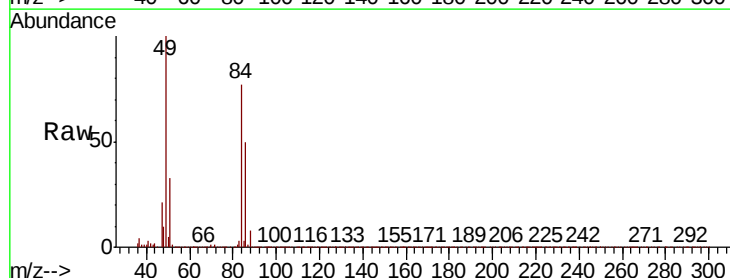
Tot Ion: 73 Resp: 751024
 Ion Ratio Lower Upper
 73 100
 57 22.0 17.9 26.9

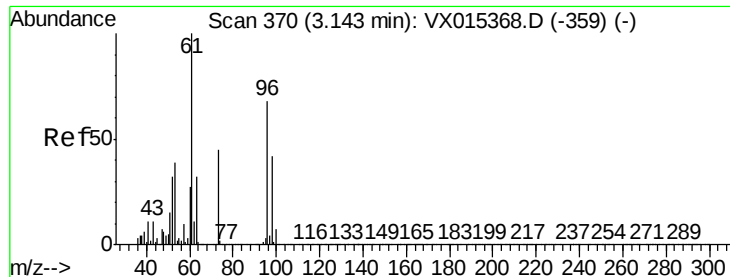


#20

Methylene Chloride
 Concen: 17.159 ug/l
 RT: 2.84 min Scan# 320
 Delta R.T. 0.01 min
 Lab File: VX015645.D
 Acq: 13 Apr 2020 16:26

Tgt Ion: 84 Resp: 217940
 Ion Ratio Lower Upper
 84 100
 49 130.3 111.3 166.9
 51 42.2 34.0 51.0
 86 64.4 52.5 78.7





#21

trans-1,2-Dichloroethene

Concen: 17.225 ug/l

RT: 3.14 min Scan# 370

Delta R.T. 0.00 min

Lab File: VX015645.D

Acq: 13 Apr 2020 16:26

Instrument :

MSVOA_X

ClientSampleId :

VX0413WBSD01

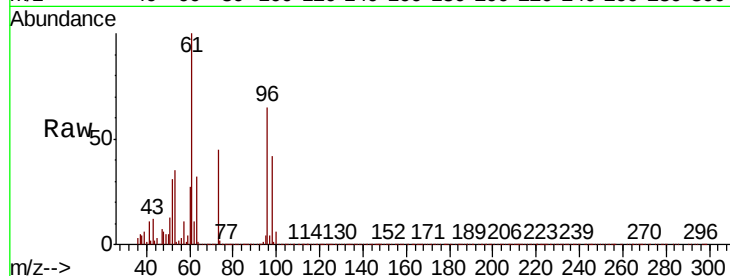
Tot Ion: 96 Resp: 202536

Ion Ratio Lower Upper

96 100

61 153.2 116.9 175.3

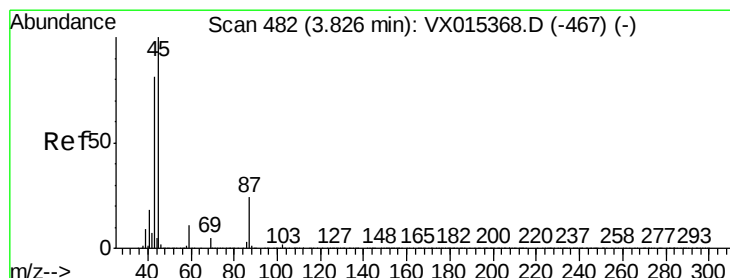
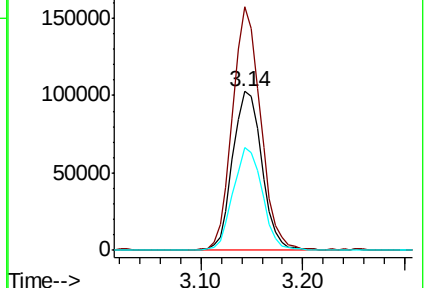
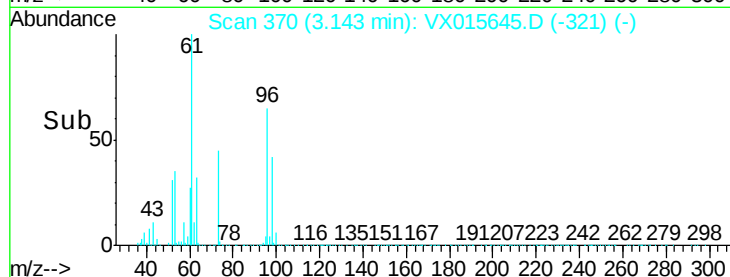
98 64.9 48.6 73.0



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 18.357 ug/l

RT: 3.83 min Scan# 482

Delta R.T. 0.00 min

Lab File: VX015645.D

Acq: 13 Apr 2020 16:26

Tgt Ion: 45 Resp: 805265

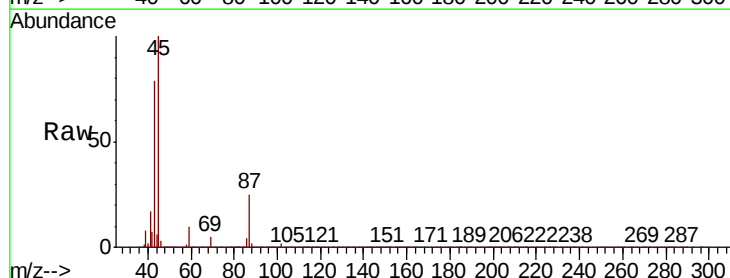
Ion Ratio Lower Upper

45 100

43 78.7 64.7 97.1

87 24.9 19.4 29.0

59 10.2 8.7 13.1

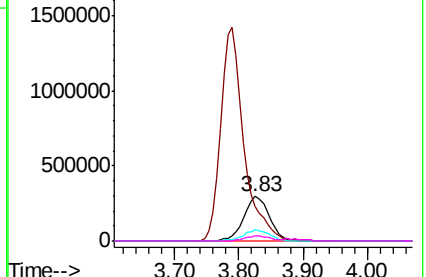
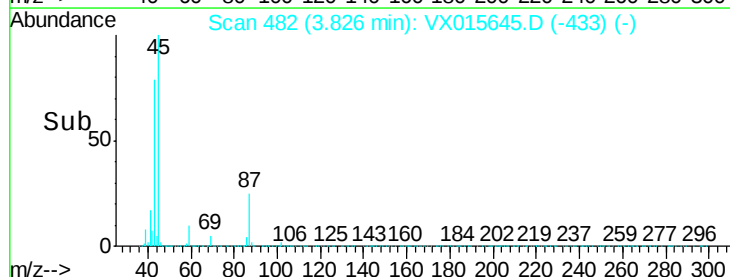


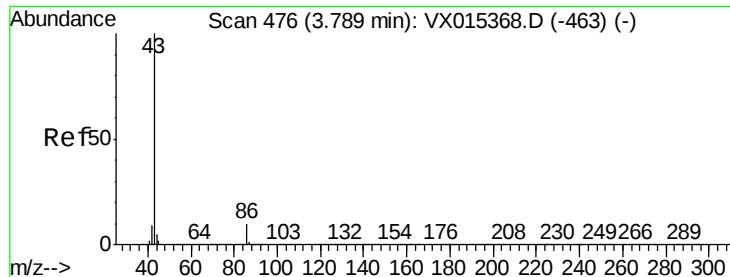
Abundance Ion 45.00 (44.70 to 45.70): VX0

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: 91.051 ug/l

RT: 3.79 min Scan# 476

Delta R.T. 0.00 min

Lab File: VX015645.D

Acq: 13 Apr 2020 16:26

Instrument :

MSVOA_X

ClientSampleId :

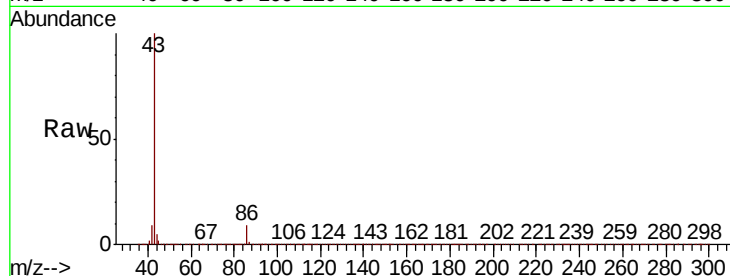
VX0413WBSD01

Tot Ion: 43 Resp: 3616314

Ion Ratio Lower Upper

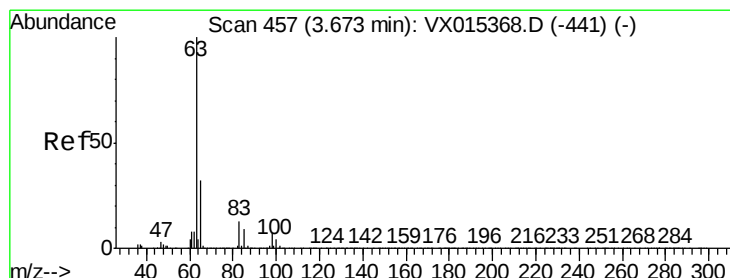
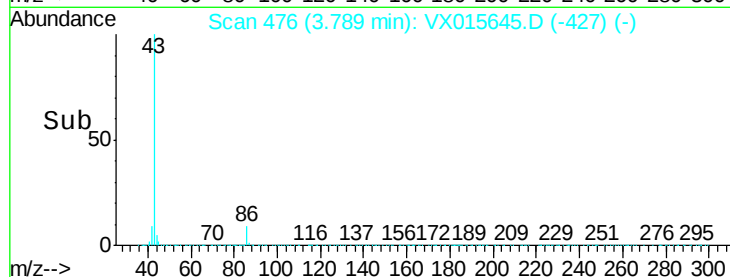
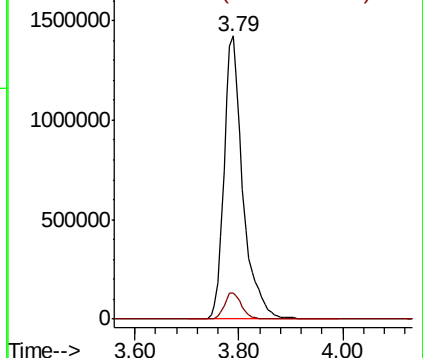
43 100

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



#24

1,1-Dichloroethane

Concen: 17.441 ug/l

RT: 3.67 min Scan# 457

Delta R.T. 0.00 min

Lab File: VX015645.D

Acq: 13 Apr 2020 16:26

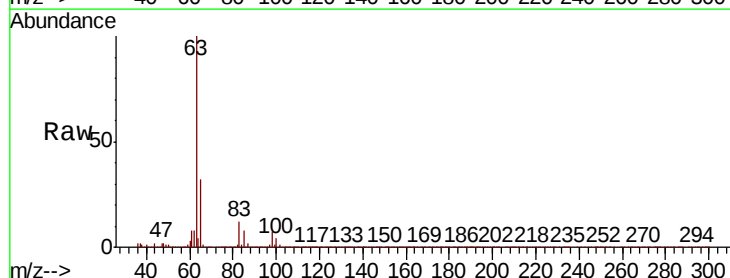
Tgt Ion: 63 Resp: 402819

Ion Ratio Lower Upper

63 100

98 6.4 3.3 9.8

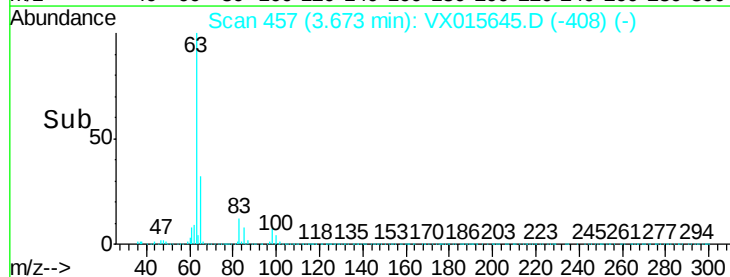
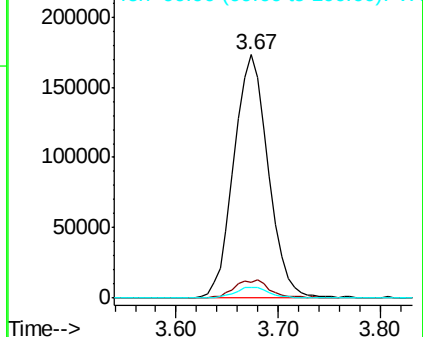
100 4.1 2.1 6.5

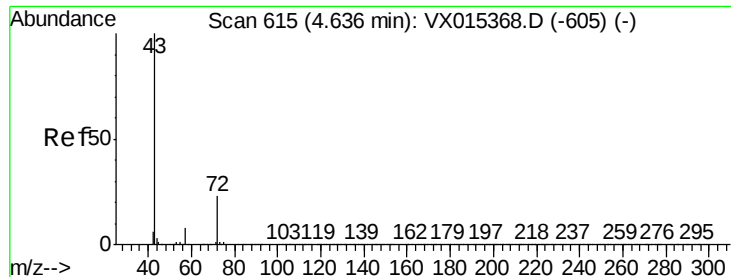


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 87.553 ug/l

RT: 4.64 min Scan# 615

Delta R.T. 0.00 min

Lab File: VX015645.D

Acq: 13 Apr 2020 16:26

Instrument :

MSVOA_X

ClientSampleId :

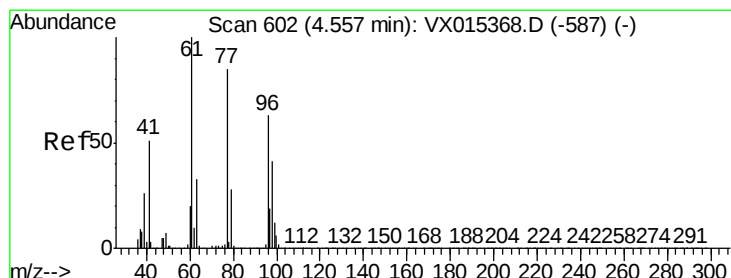
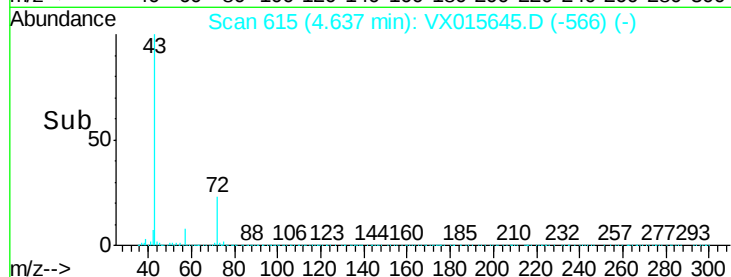
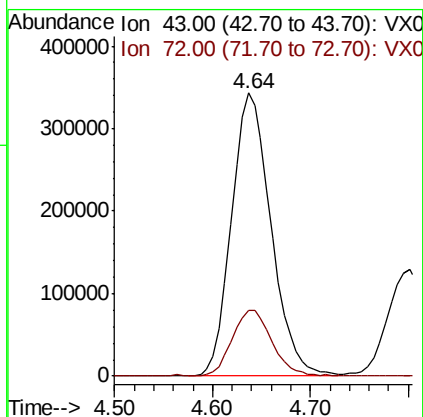
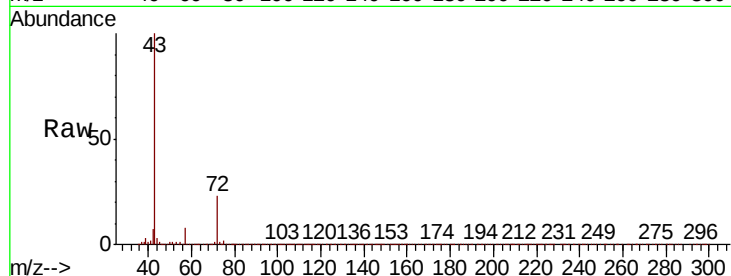
VX0413WBSD01

Tot Ion: 43 Resp: 957447

Ion Ratio Lower Upper

43 100

72 23.0 19.0 28.4



#26

2,2-Dichloropropane

Concen: 16.743 ug/l

RT: 4.56 min Scan# 602

Delta R.T. 0.00 min

Lab File: VX015645.D

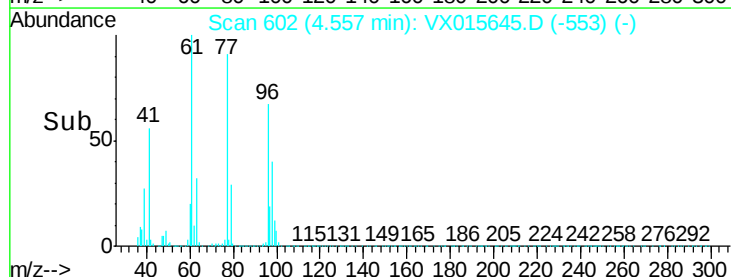
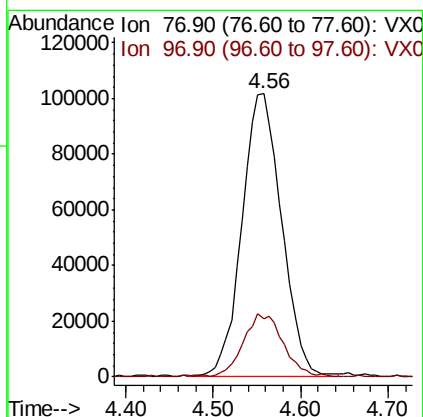
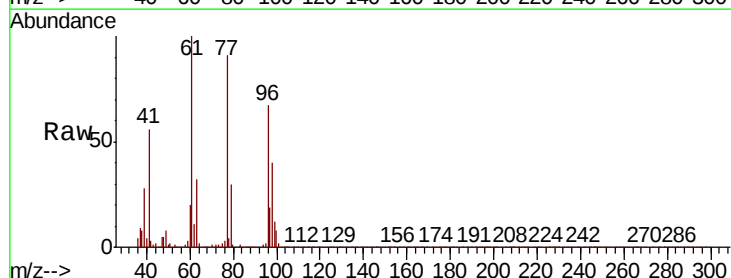
Acq: 13 Apr 2020 16:26

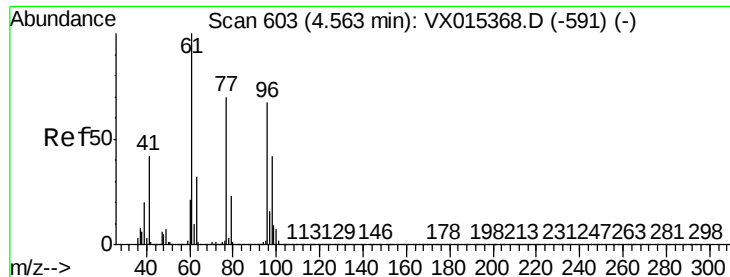
Tgt Ion: 77 Resp: 317416

Ion Ratio Lower Upper

77 100

97 21.9 11.3 33.8



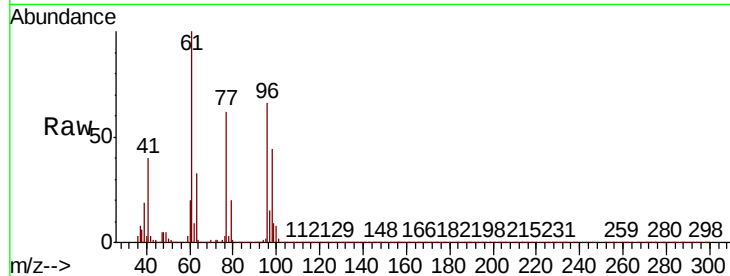


#27

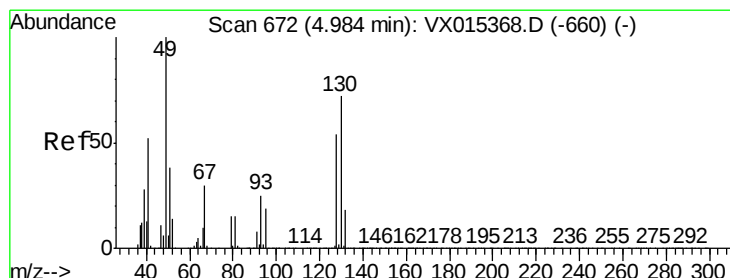
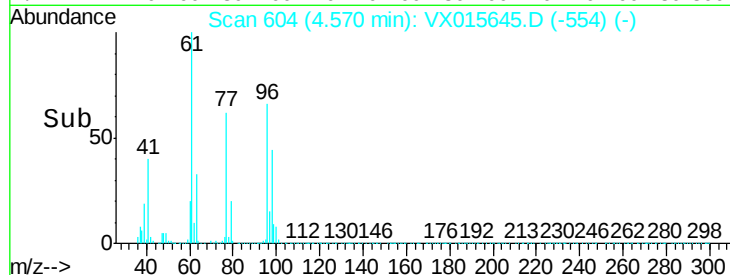
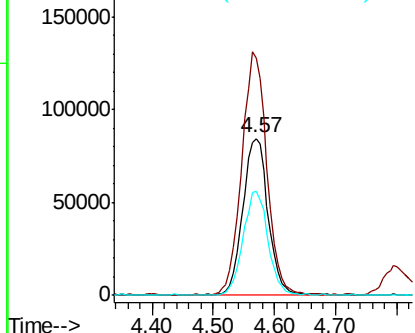
cis-1,2-Dichloroethene
Concen: 17.810 ug/l
RT: 4.57 min Scan# 604
Delta R.T. 0.01 min
Lab File: VX015645.D
Acq: 13 Apr 2020 16:26

Instrument :
MSVOA_X
ClientSampleId :
VX0413WBSD01

Tot Ion	Ratio	Lower	Upper
96	100		
61	152.7	0.0	308.4
98	65.0	0.0	129.2



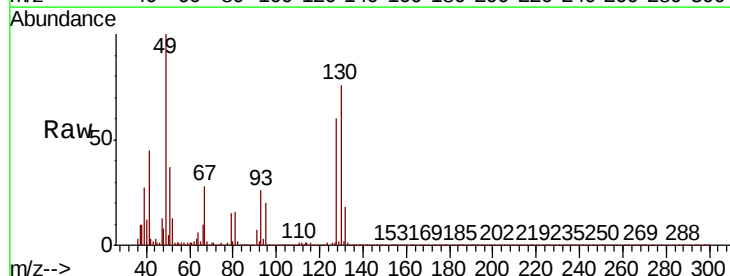
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



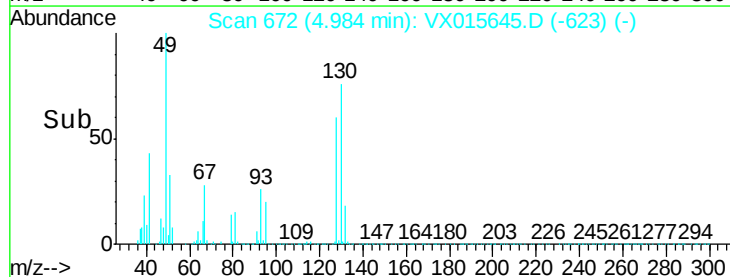
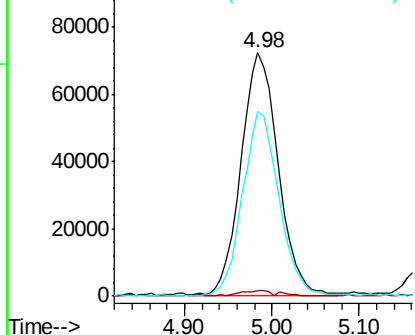
#28

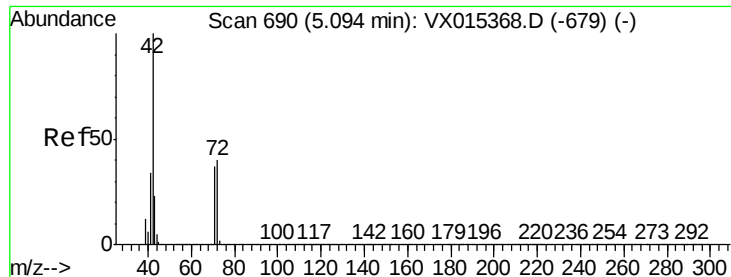
Bromochloromethane
Concen: 19.227 ug/l
RT: 4.98 min Scan# 672
Delta R.T. 0.00 min
Lab File: VX015645.D
Acq: 13 Apr 2020 16:26

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.9	0.0	4.4
130	73.7	57.7	86.5



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





#29

Tetrahydrofuran

Concen: 87.277 ug/l

RT: 5.09 min Scan# 690

Delta R.T. 0.00 min

Lab File: VX015645.D

Acq: 13 Apr 2020 16:26

Instrument :

MSVOA_X

ClientSampleId :

VX0413WBSD01

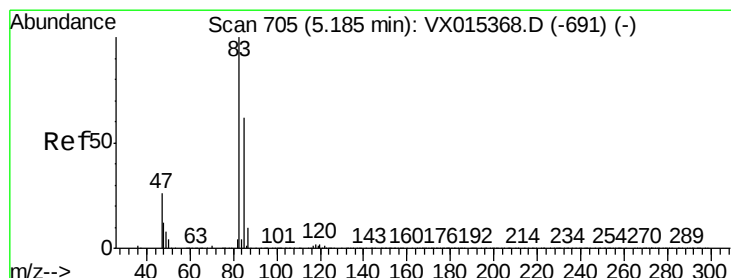
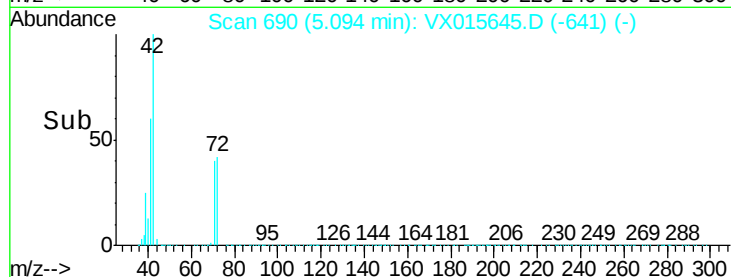
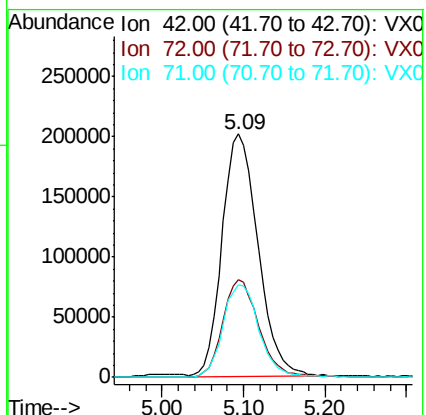
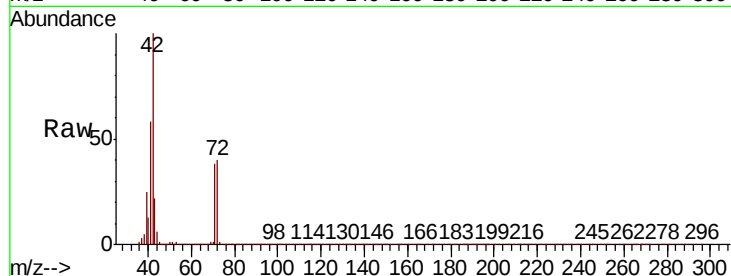
Tot Ion: 42 Resp: 613582

Ion Ratio Lower Upper

42 100

72 40.7 31.7 47.5

71 38.0 29.6 44.4



#30

Chloroform

Concen: 18.020 ug/l

RT: 5.19 min Scan# 705

Delta R.T. 0.00 min

Lab File: VX015645.D

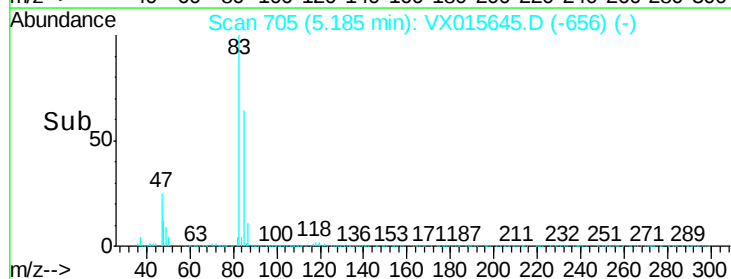
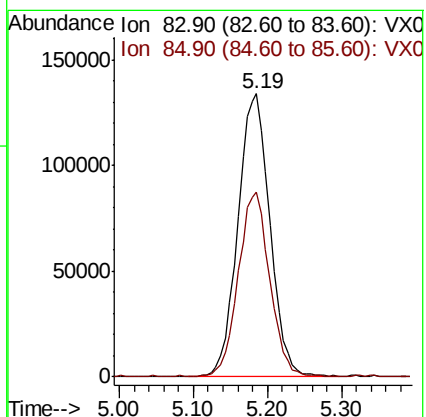
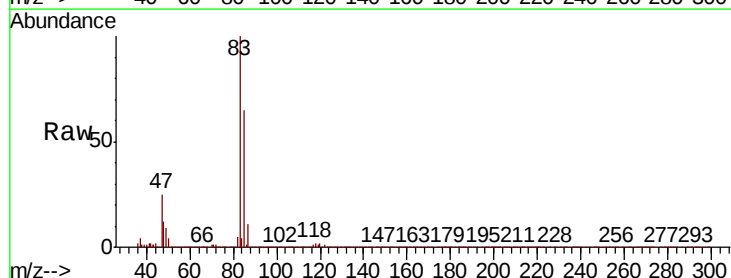
Acq: 13 Apr 2020 16:26

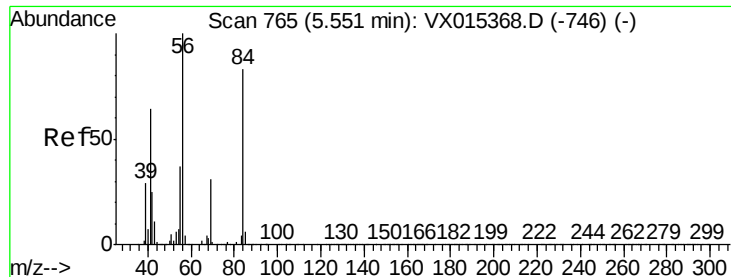
Tgt Ion: 83 Resp: 400428

Ion Ratio Lower Upper

83 100

85 65.5 49.5 74.3





#31

Cyclohexane

Concen: 16.211 ug/l

RT: 5.55 min Scan# 765

Delta R.T. 0.00 min

Lab File: VX015645.D

Acq: 13 Apr 2020 16:26

Instrument :

MSVOA_X

ClientSampleId :

VX0413WBSD01

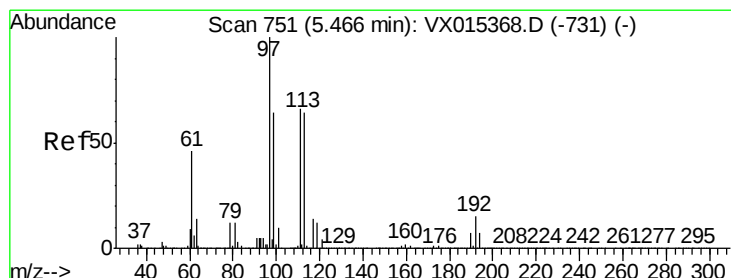
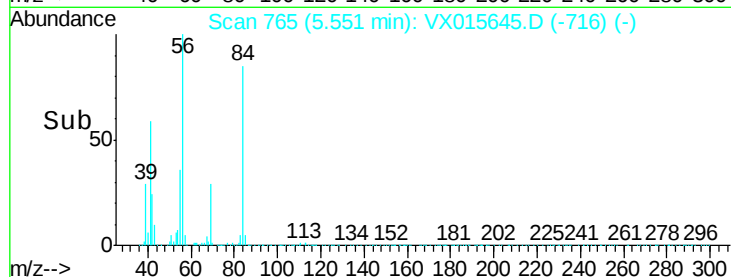
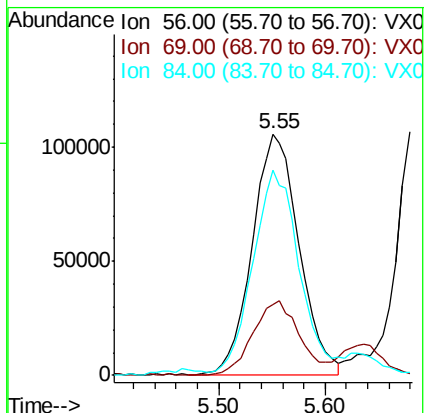
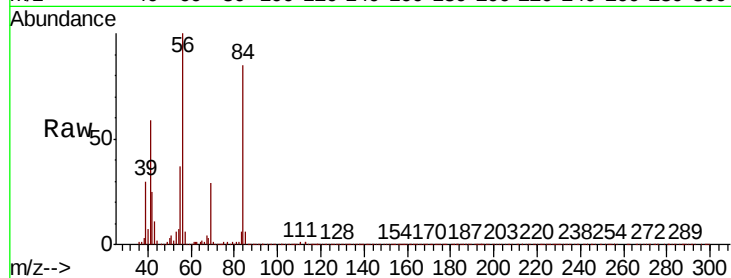
Tot Ion: 56 Resp: 324808

Ion Ratio Lower Upper

56 100

69 28.8 24.6 36.8

84 82.7 66.1 99.1



#32

1,1,1-Trichloroethane

Concen: 17.262 ug/l

RT: 5.47 min Scan# 751

Delta R.T. 0.00 min

Lab File: VX015645.D

Acq: 13 Apr 2020 16:26

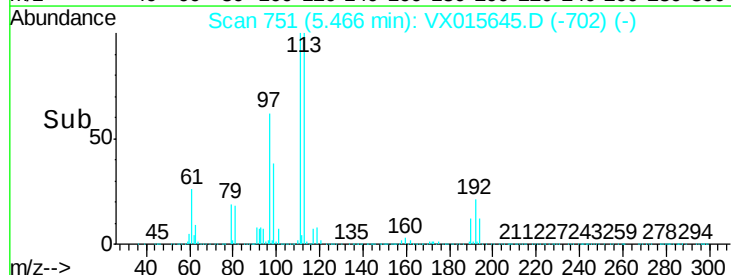
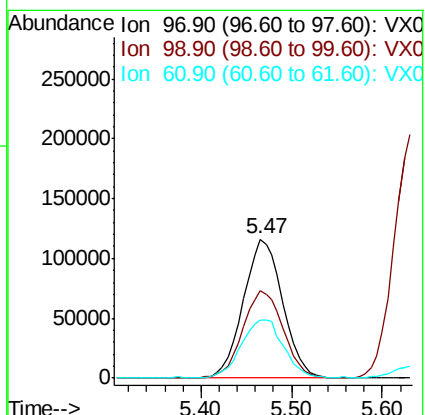
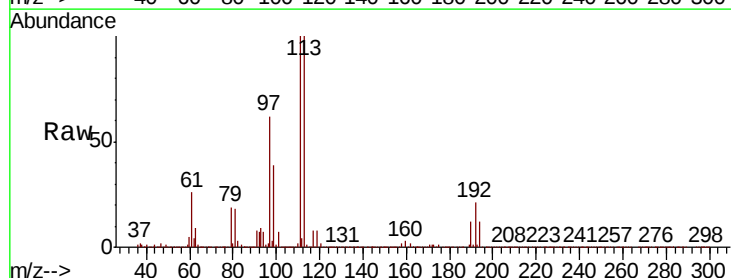
Tgt Ion: 97 Resp: 347141

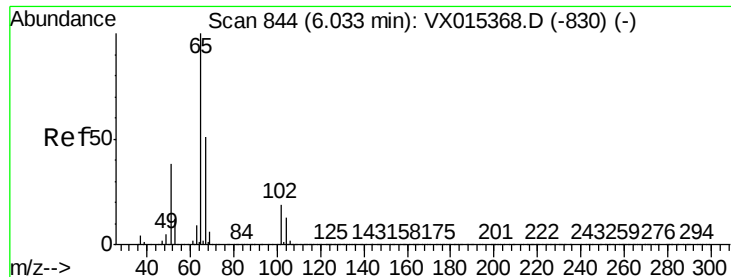
Ion Ratio Lower Upper

97 100

99 64.3 51.0 76.4

61 44.6 36.1 54.1





#33

1,2-Dichloroethane-d4

Concen: 45.998 ug/l

RT: 6.03 min Scan# 844

Delta R.T. 0.00 min

Lab File: VX015645.D

Acq: 13 Apr 2020 16:26

Instrument :

MSVOA_X

ClientSampleId :

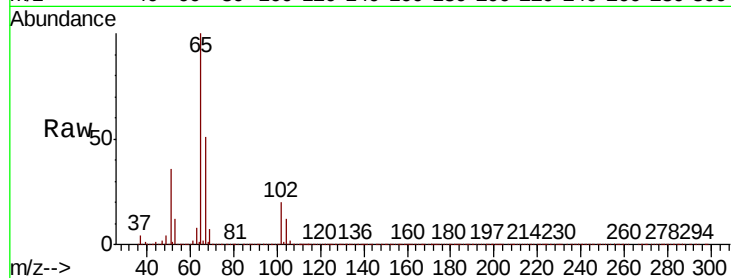
VX0413WBSD01

Tot Ion: 65 Resp: 728033

Ion Ratio Lower Upper

65 100

67 51.3 0.0 102.6



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.03

300000

250000

200000

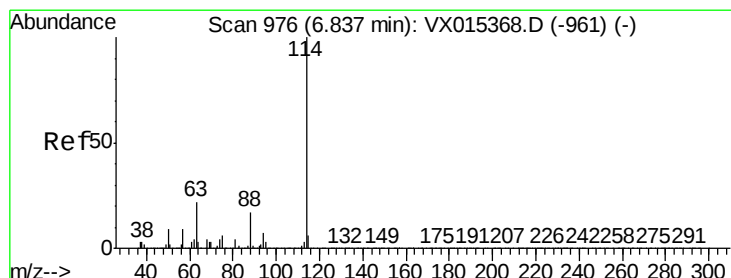
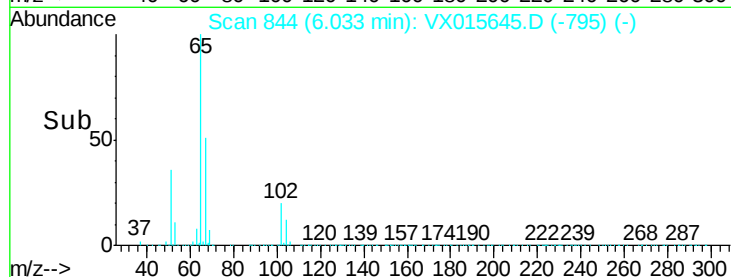
150000

100000

50000

0

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.84 min Scan# 976

Delta R.T. 0.00 min

Lab File: VX015645.D

Acq: 13 Apr 2020 16:26

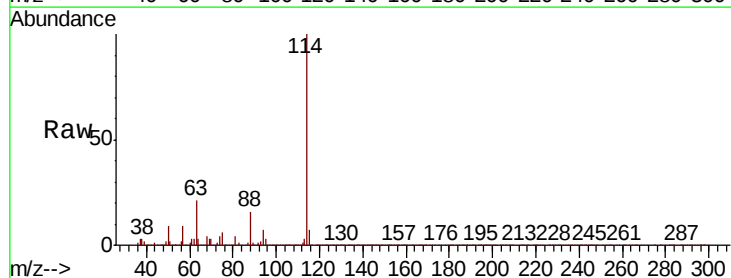
Tgt Ion: 114 Resp: 1673608

Ion Ratio Lower Upper

114 100

63 21.0 0.0 44.2

88 16.4 0.0 33.8



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

800000

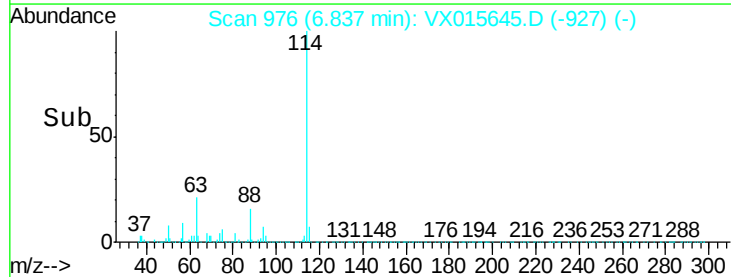
600000

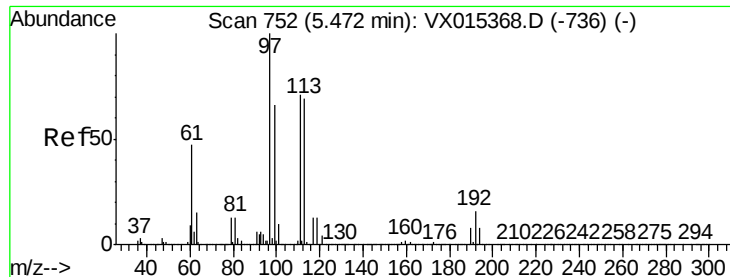
400000

200000

0

Time-->

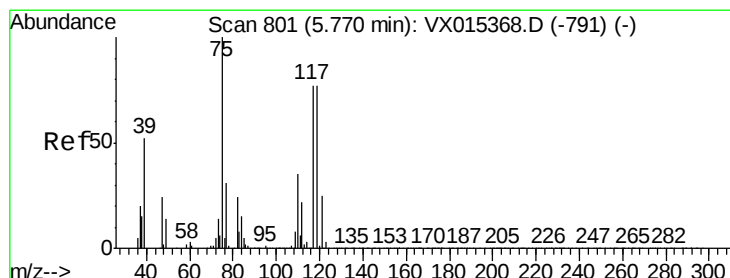
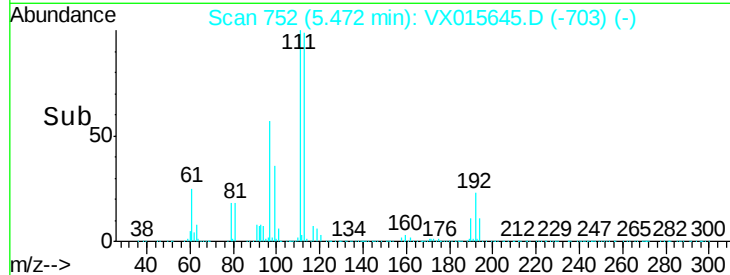
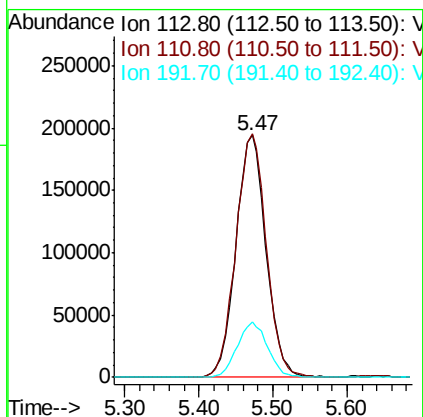
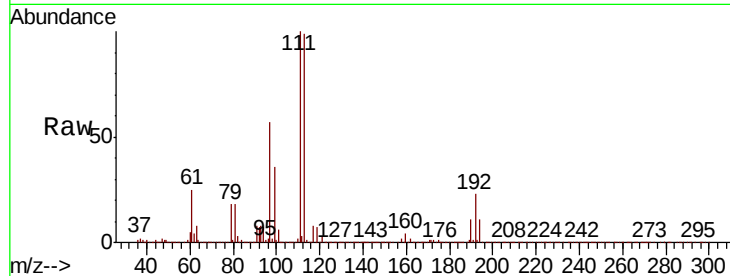




#35
 Dibromofluoromethane
 Concen: 51.289 ug/l
 RT: 5.47 min Scan# 752
 Delta R.T. 0.00 min
 Lab File: VX015645.D
 Acq: 13 Apr 2020 16:26

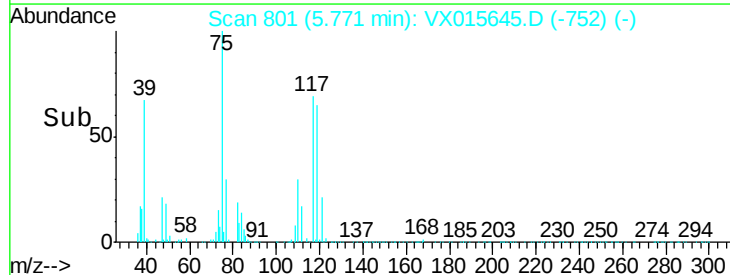
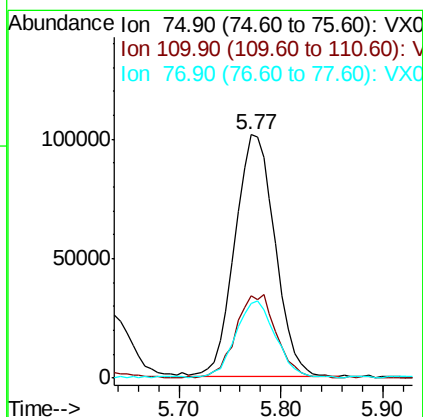
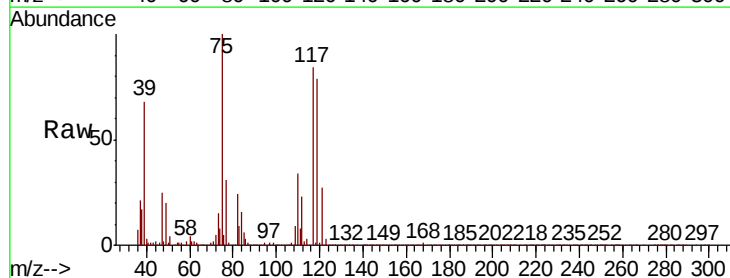
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0413WBSD01

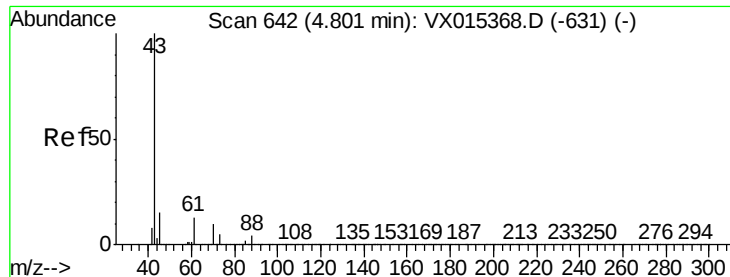
Tot Ion	Ratio	Lower	Upper
113	100		
111	101.8	81.5	122.3
192	23.3	17.8	26.6



#36
 1,1-Dichloropropene
 Concen: 18.016 ug/l
 RT: 5.77 min Scan# 801
 Delta R.T. 0.00 min
 Lab File: VX015645.D
 Acq: 13 Apr 2020 16:26

Tgt Ion	Ratio	Lower	Upper
75	100		
110	34.6	17.1	51.3
77	30.9	24.6	36.8

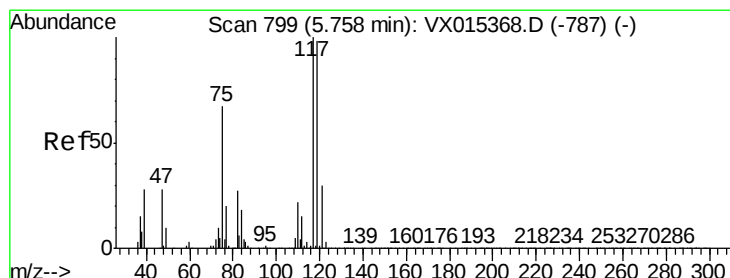
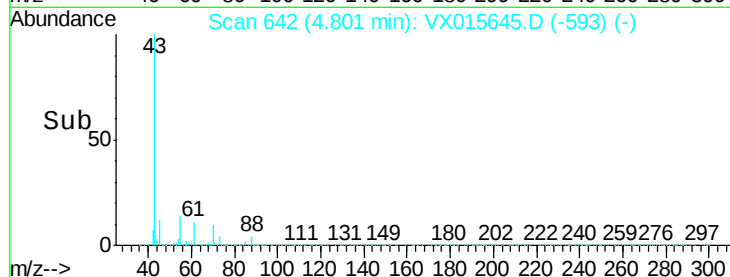
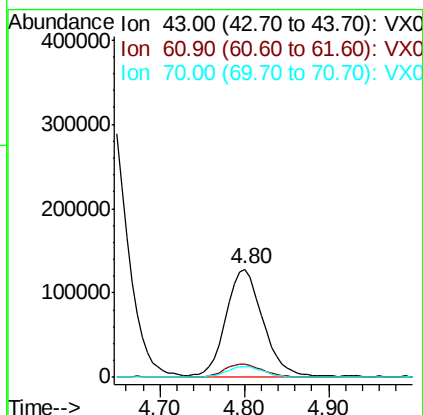
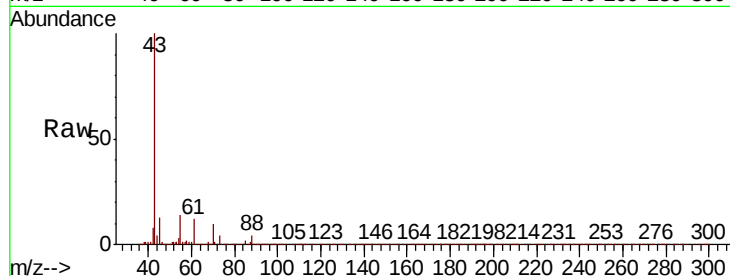




#37
Ethyl Acetate
Concen: 18.804 ug/l
RT: 4.80 min Scan# 642
Delta R.T. 0.00 min
Lab File: VX015645.D
Acq: 13 Apr 2020 16:26

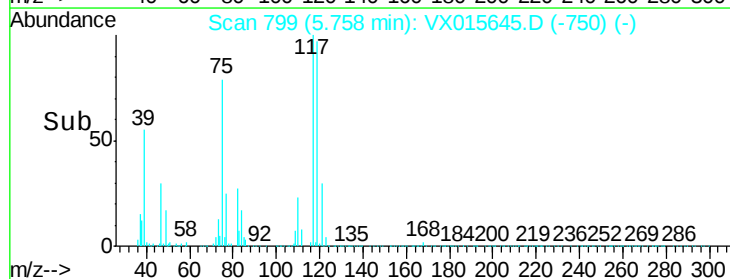
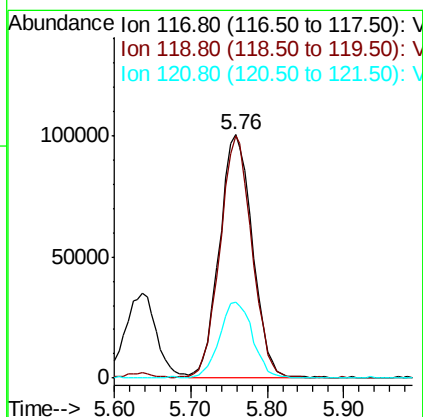
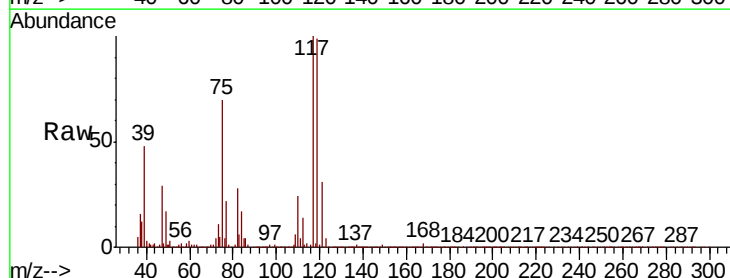
Instrument :
MSVOA_X
ClientSampleId :
VX0413WBSD01

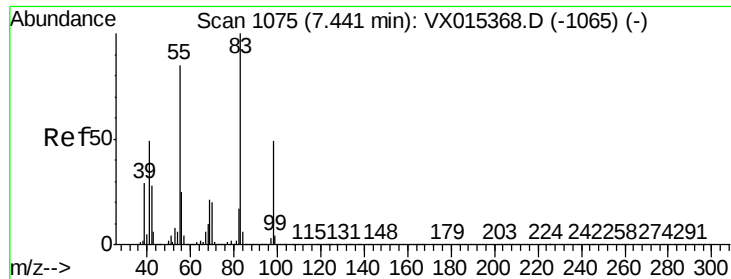
Tot Ion:	43	Resp:	377558
Ion	Ratio	Lower	Upper
43	100		
61	12.1	9.9	14.9
70	9.6	8.1	12.1



#38
Carbon Tetrachloride
Concen: 17.878 ug/l
RT: 5.76 min Scan# 799
Delta R.T. 0.00 min
Lab File: VX015645.D
Acq: 13 Apr 2020 16:26

Tgt Ion:	117	Resp:	298606
Ion	Ratio	Lower	Upper
117	100		
119	99.4	78.0	117.0
121	31.2	23.8	35.8

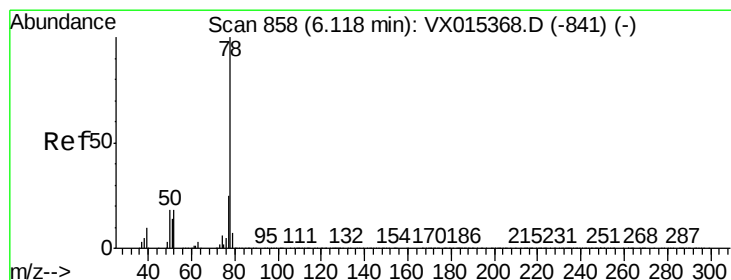
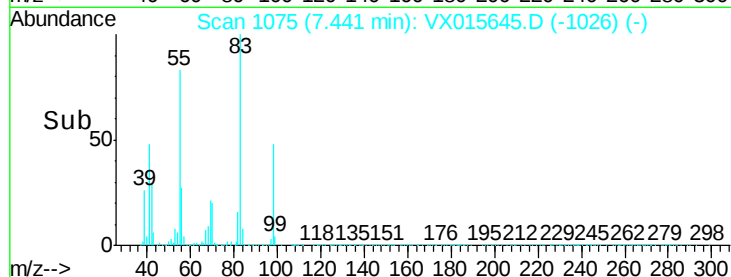
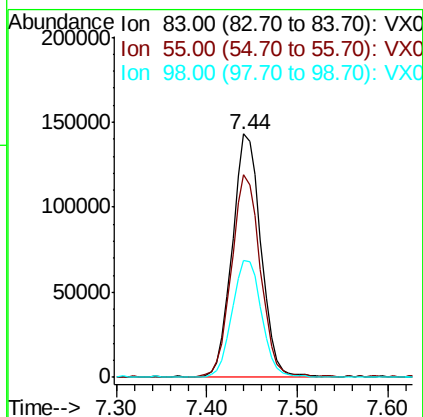
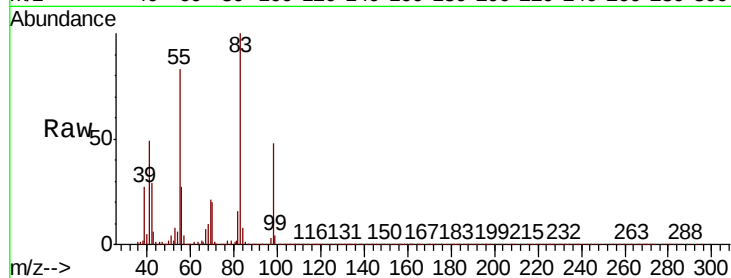




#39
Methvlcvclohexane
Concen: 17.541 ug/l
RT: 7.44 min Scan# 1075
Delta R.T. 0.00 min
Lab File: VX015645.D
Acq: 13 Apr 2020 16:26

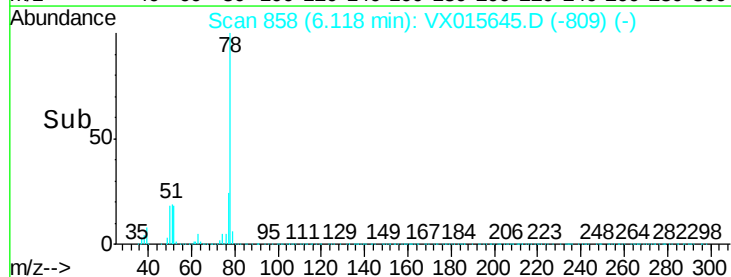
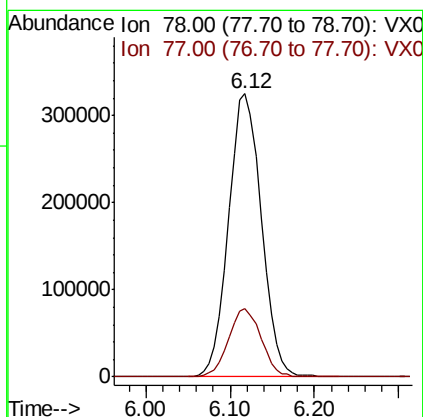
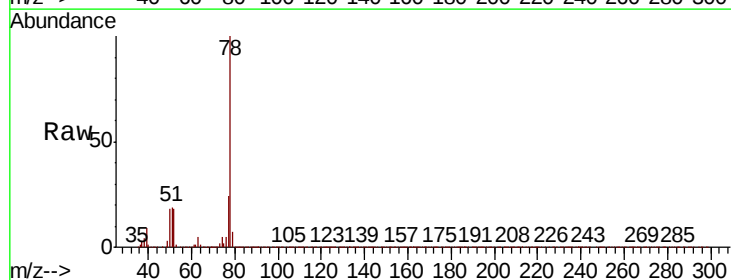
Instrument :
MSVOA_X
ClientSampleId :
VX0413WBSD01

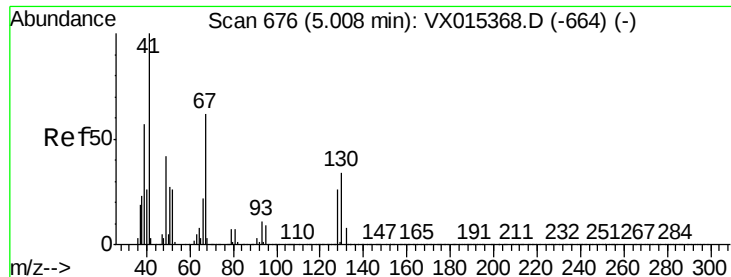
Tot Ion: 83 Resp: 311869
Ion Ratio Lower Upper
83 100
55 83.1 67.8 101.6
98 47.8 39.3 58.9



#40
Benzene
Concen: 19.000 ug/l
RT: 6.12 min Scan# 858
Delta R.T. 0.00 min
Lab File: VX015645.D
Acq: 13 Apr 2020 16:26

Tgt Ion: 78 Resp: 858230
Ion Ratio Lower Upper
78 100
77 24.2 19.8 29.8

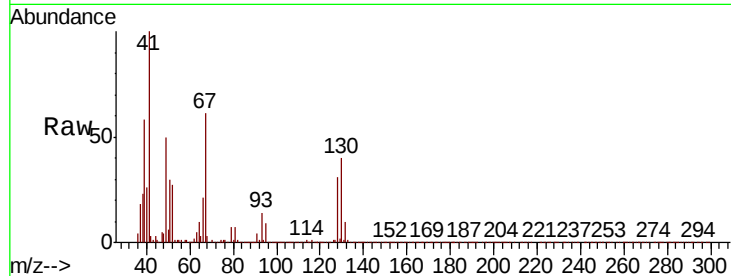




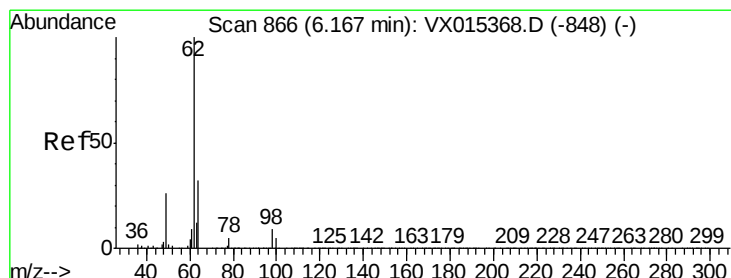
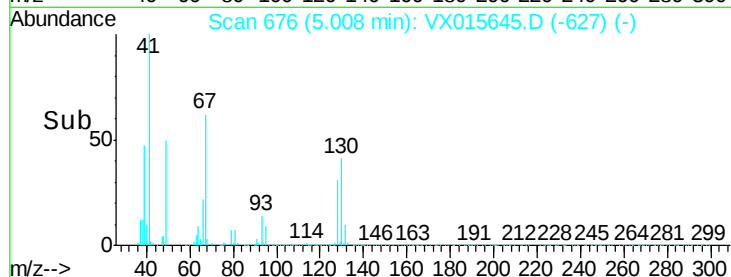
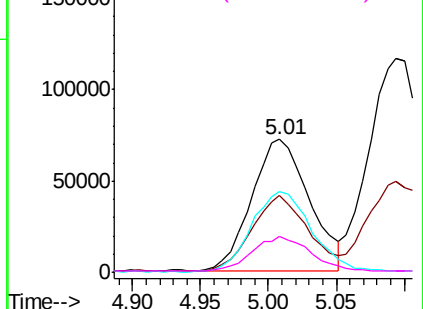
#41
Methacrylonitrile
Concen: 19.085 ug/l
RT: 5.01 min Scan# 676
Delta R.T. 0.00 min
Lab File: VX015645.D
Acq: 13 Apr 2020 16:26

Instrument :
MSVOA_X
ClientSampled :
VX0413WBSD01

Tot Ion:	41	Resp:	212717
Ion	Ratio	Lower	Upper
41	100		
39	56.7	44.5	66.7
67	65.4	48.9	73.3
52	27.8	21.8	32.6

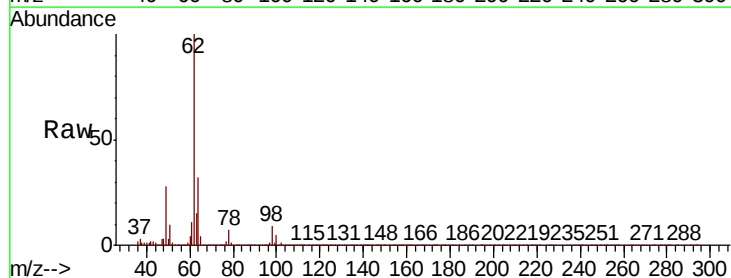


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

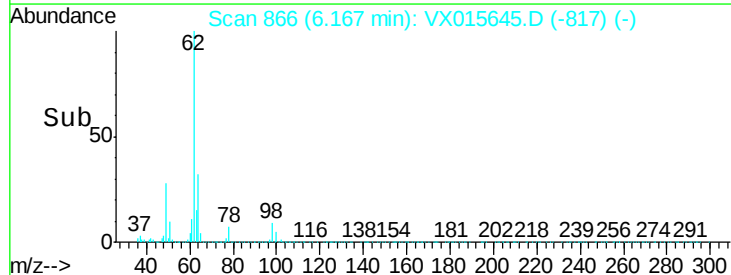
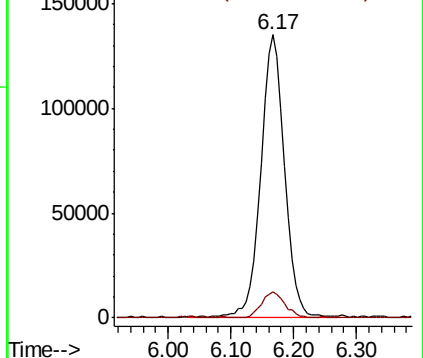


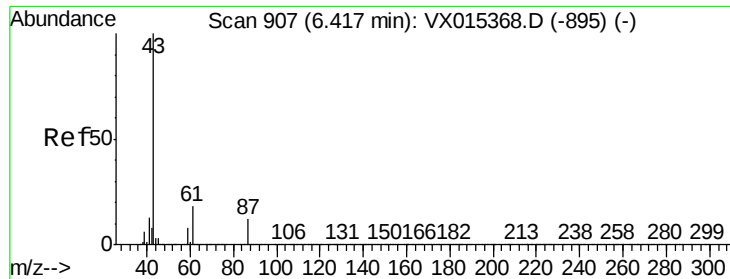
#42
1,2-Dichloroethane
Concen: 19.589 ug/l
RT: 6.17 min Scan# 866
Delta R.T. 0.00 min
Lab File: VX015645.D
Acq: 13 Apr 2020 16:26

Tgt Ion:	62	Resp:	355434
Ion	Ratio	Lower	Upper
62	100		
98	8.8	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: 18.603 ug/l

RT: 6.42 min Scan# 907

Delta R.T. 0.00 min

Lab File: VX015645.D

Acq: 13 Apr 2020 16:26

Instrument :

MSVOA_X

ClientSampleId :

VX0413WBSD01

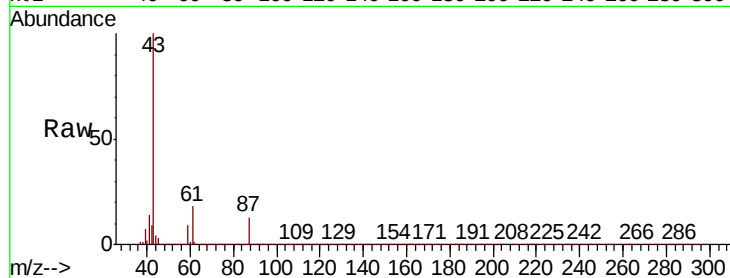
Tot Ion: 43 Resp: 630529

Ion Ratio Lower Upper

43 100

61 18.8 14.8 22.2

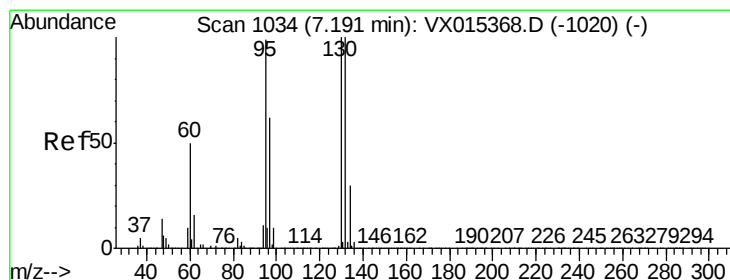
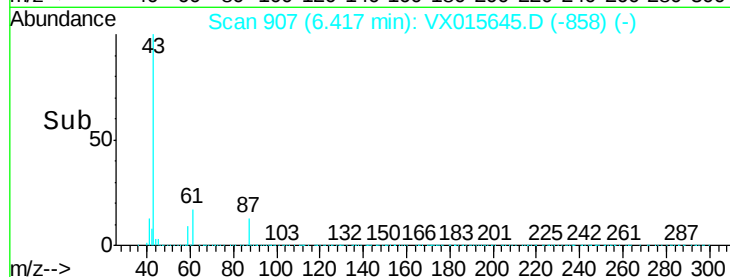
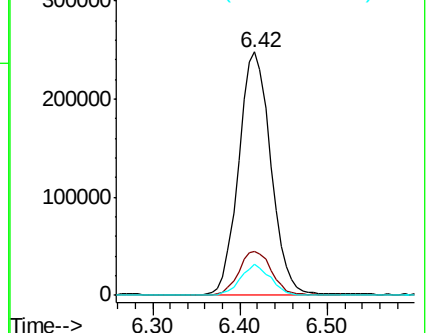
87 11.8 9.4 14.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#44

Trichloroethene

Concen: 18.944 ug/l

RT: 7.19 min Scan# 1034

Delta R.T. 0.00 min

Lab File: VX015645.D

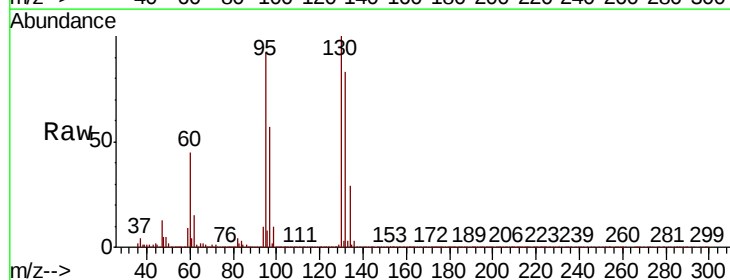
Acq: 13 Apr 2020 16:26

Tgt Ion: 130 Resp: 233376

Ion Ratio Lower Upper

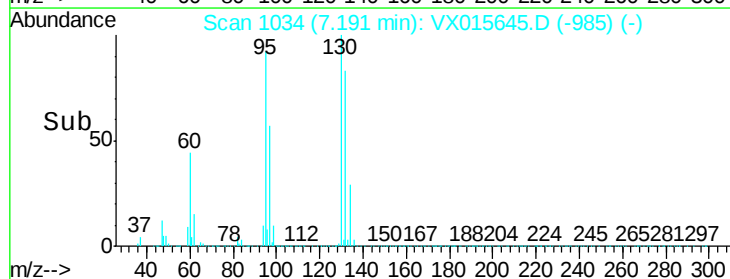
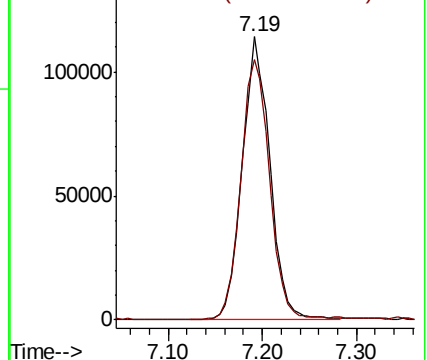
130 100

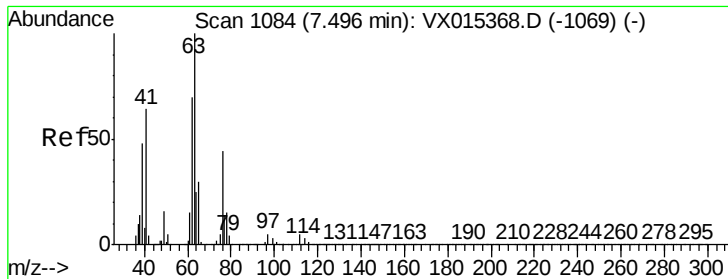
95 92.0 0.0 199.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

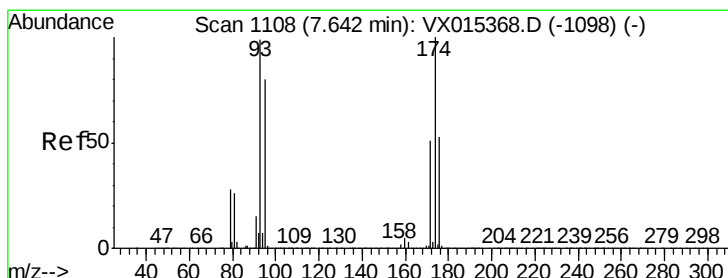
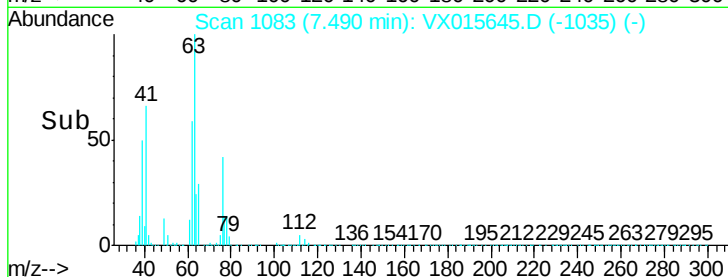
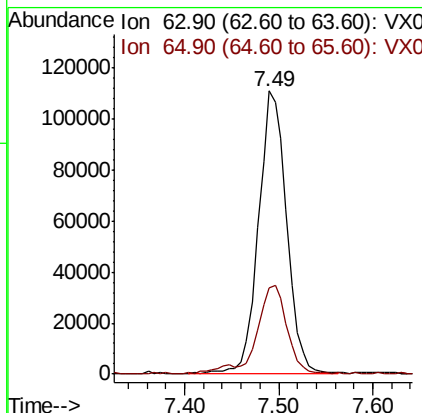
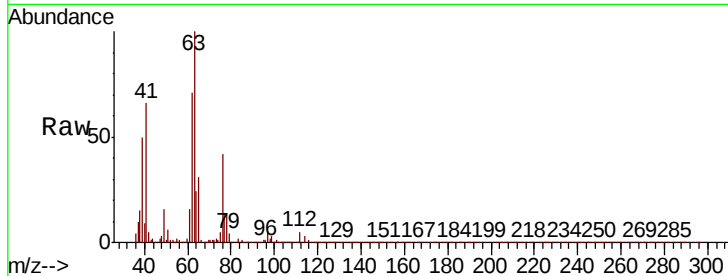




#45
 1,2-Dichloropropane
 Concen: 18.859 ug/l
 RT: 7.49 min Scan# 1083
 Delta R.T. -0.01 min
 Lab File: VX015645.D
 Acq: 13 Apr 2020 16:26

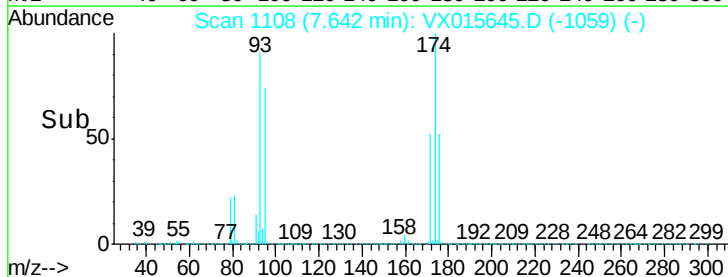
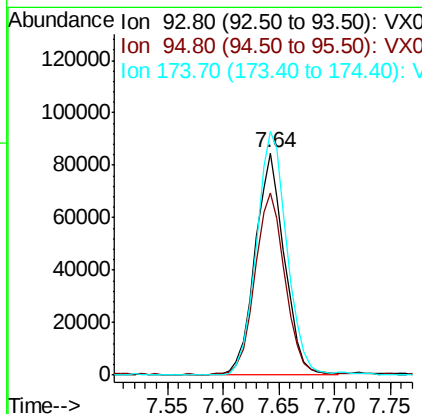
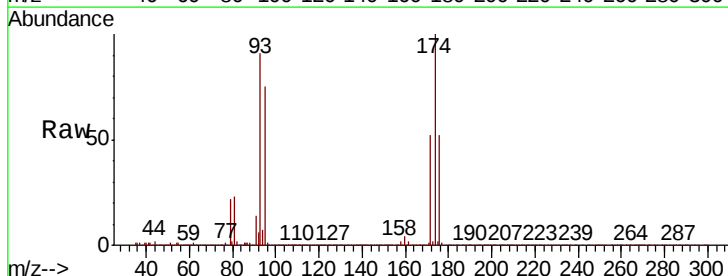
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0413WBSD01

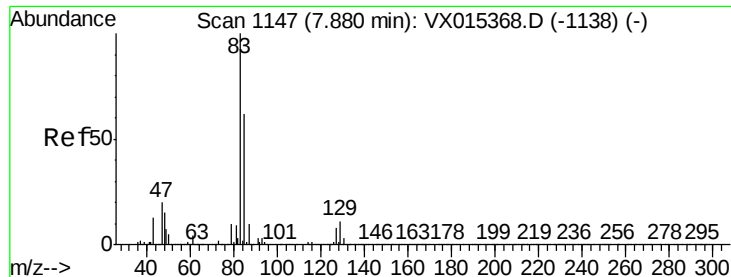
Tot Ion: 63 Resp: 233033
 Ion Ratio Lower Upper
 63 100
 65 30.0 23.9 35.9



#46
 Dibromomethane
 Concen: 19.039 ug/l
 RT: 7.64 min Scan# 1108
 Delta R.T. 0.00 min
 Lab File: VX015645.D
 Acq: 13 Apr 2020 16:26

Tgt Ion: 93 Resp: 154326
 Ion Ratio Lower Upper
 93 100
 95 83.8 65.8 98.8
 174 115.9 86.2 129.2





#47

Bromodichloromethane

Concen: 18.475 ug/l

RT: 7.88 min Scan# 1147

Delta R.T. 0.00 min

Lab File: VX015645.D

Acq: 13 Apr 2020 16:26

Instrument :

MSVOA_X

ClientSampleId :

VX0413WBSD01

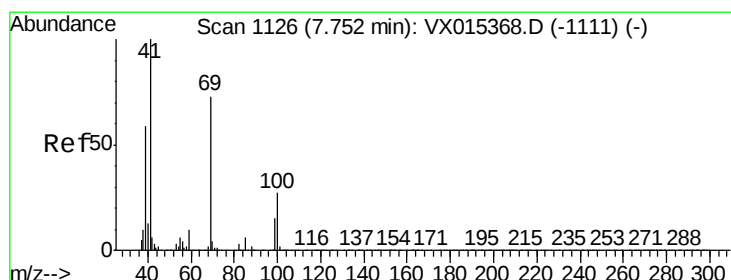
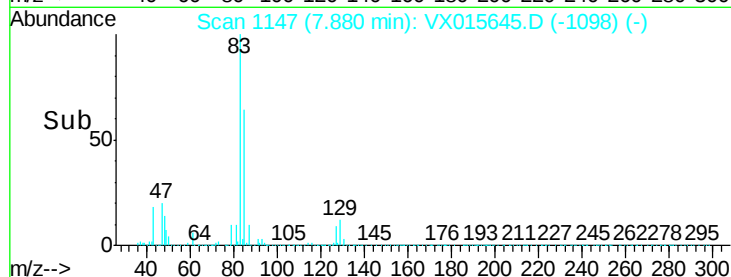
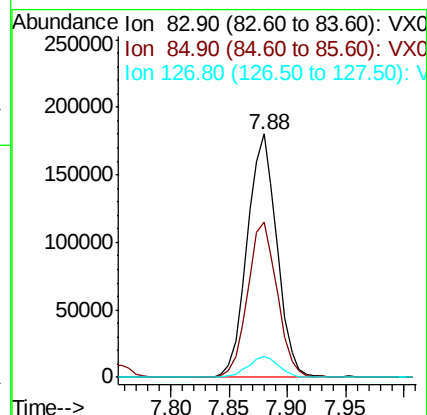
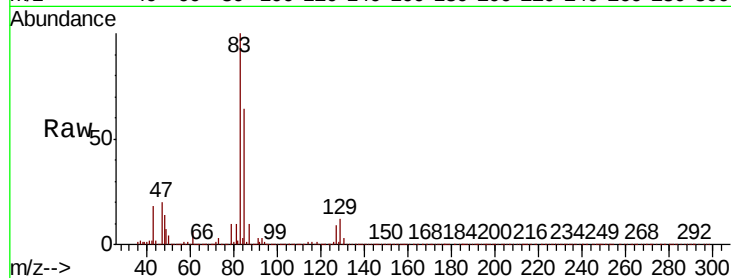
Tot Ion: 83 Resp: 319098

Ion Ratio Lower Upper

83 100

85 63.8 49.7 74.5

127 8.8 6.7 10.1



#48

Methyl methacrylate

Concen: 18.636 ug/l

RT: 7.75 min Scan# 1126

Delta R.T. 0.00 min

Lab File: VX015645.D

Acq: 13 Apr 2020 16:26

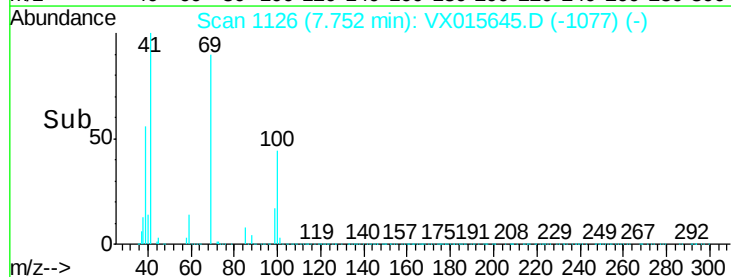
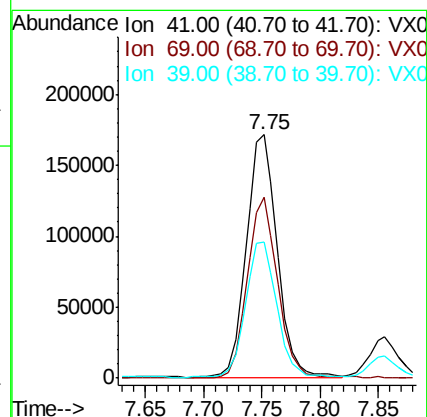
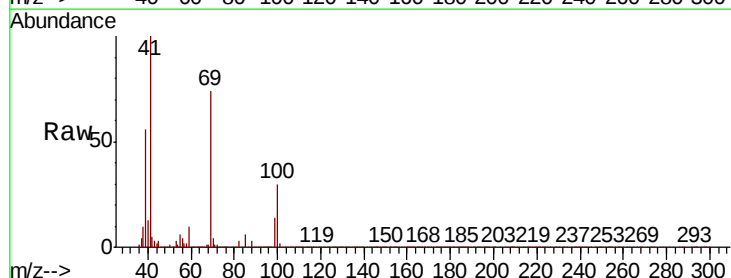
Tgt Ion: 41 Resp: 315515

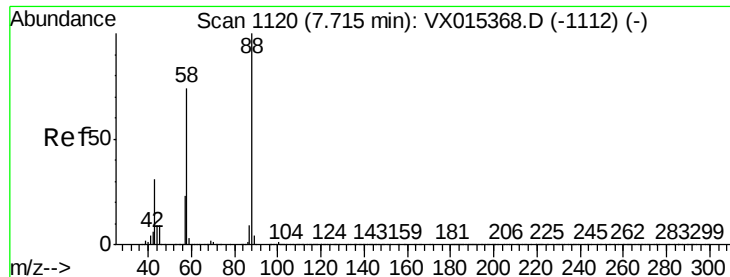
Ion Ratio Lower Upper

41 100

69 72.8 56.7 85.1

39 56.1 46.5 69.7





#49

1,4-Dioxane

Concen: 359.467 ug/l

RT: 7.72 min Scan# 1120

Delta R.T. 0.00 min

Lab File: VX015645.D

Acq: 13 Apr 2020 16:26

Instrument :

MSVOA_X

ClientSampleId :

VX0413WBSD01

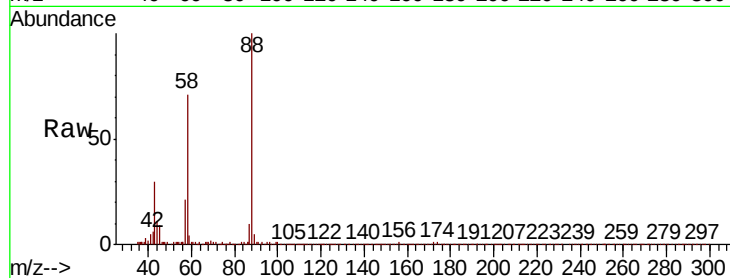
Tot Ion: 88 Resp: 113530

Ion	Ratio	Lower	Upper
88	100		
43	39.5	30.1	45.1
58	76.4	60.6	90.8

88 100

43 39.5 30.1 45.1

58 76.4 60.6 90.8

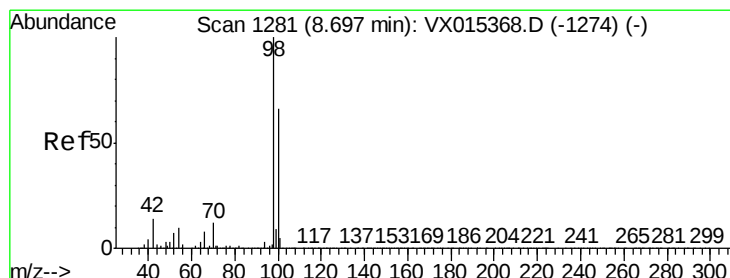
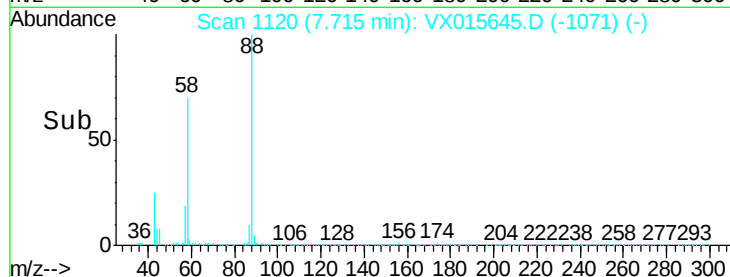
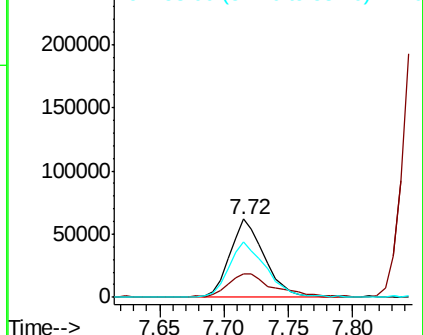


Abundance

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: 48.976 ug/l

RT: 8.70 min Scan# 1281

Delta R.T. 0.00 min

Lab File: VX015645.D

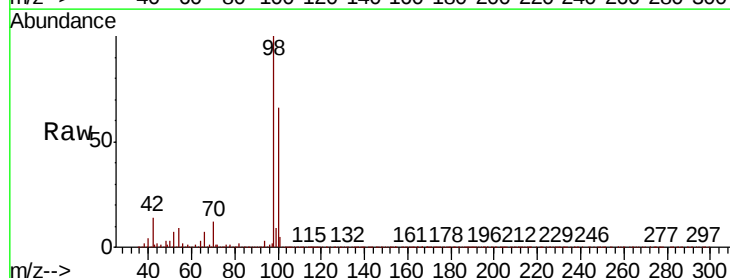
Acq: 13 Apr 2020 16:26

Tgt Ion: 98 Resp: 1929065

Ion	Ratio	Lower	Upper
98	100		
100	66.3	53.5	80.3

98 100

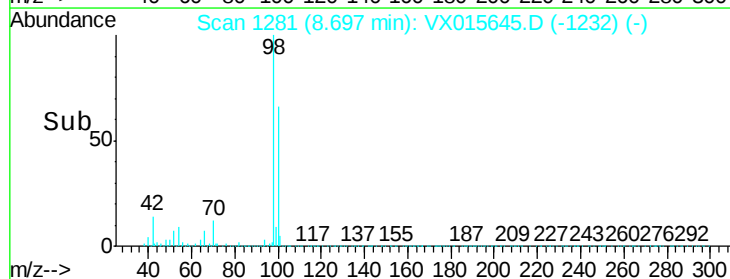
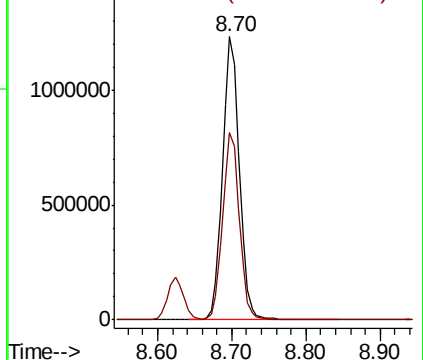
100 66.3 53.5 80.3

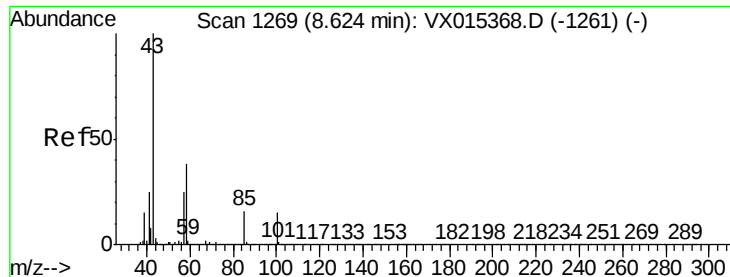


Abundance

Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





#51

4-Methyl-2-Pentanone

Concen: 97.901 ug/l

RT: 8.62 min Scan# 1269

Delta R.T. 0.00 min

Lab File: VX015645.D

Acq: 13 Apr 2020 16:26

Instrument :

MSVOA_X

ClientSampleId :

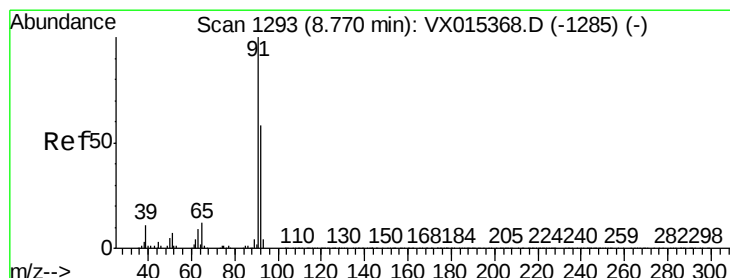
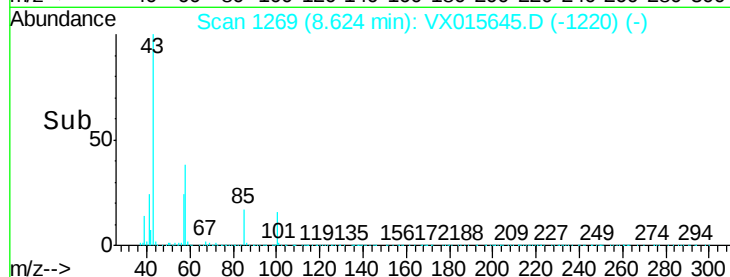
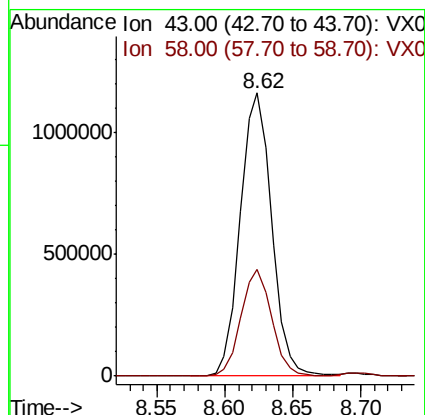
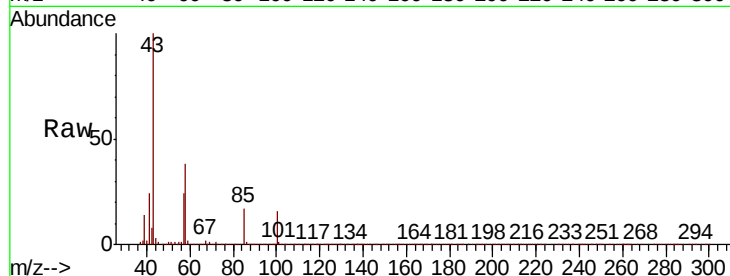
VX0413WBSD01

Tot Ion: 43 Resp: 1880559

Ion Ratio Lower Upper

43 100

58 36.9 29.7 44.5



#52

Toluene

Concen: 19.052 ug/l

RT: 8.77 min Scan# 1293

Delta R.T. 0.00 min

Lab File: VX015645.D

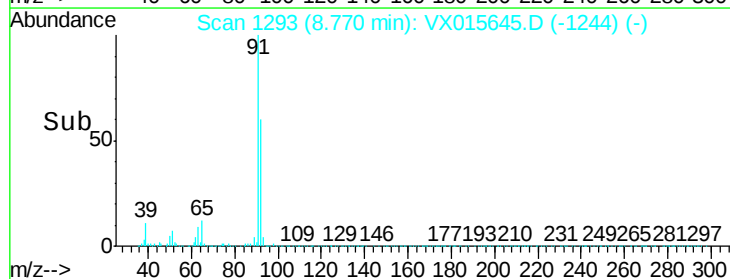
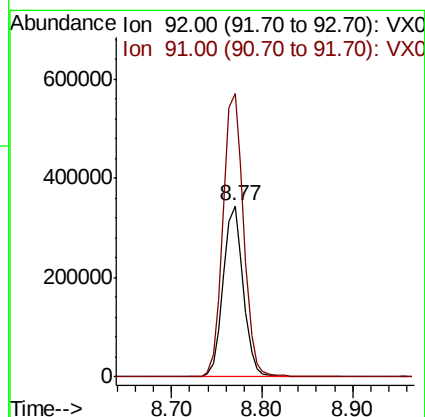
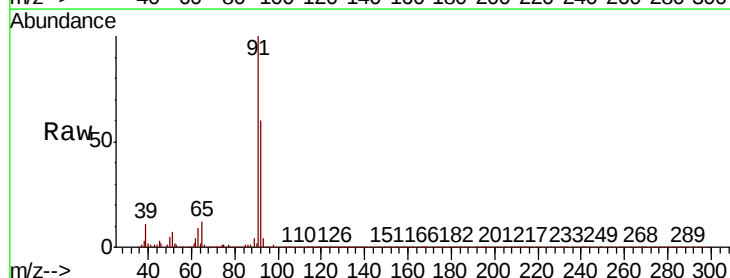
Acq: 13 Apr 2020 16:26

Tgt Ion: 92 Resp: 530567

Ion Ratio Lower Upper

92 100

91 170.6 136.6 205.0





#53

t-1,3-Dichloropropene

Concen: 17.815 ug/l

RT: 9.03 min Scan# 1335

Delta R.T. 0.00 min

Lab File: VX015645.D

Acq: 13 Apr 2020 16:26

Instrument :

MSVOA_X

ClientSampleId :

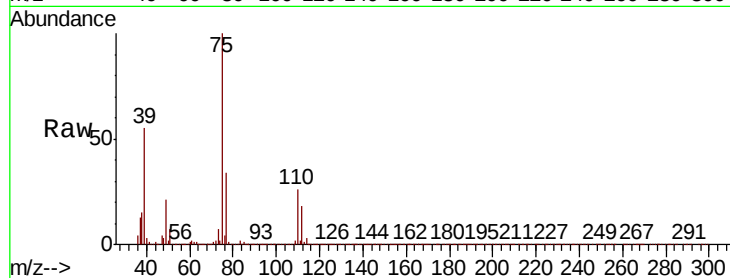
VX0413WBSD01

Tot Ion: 75 Resp: 360876

Ion Ratio Lower Upper

75 100

77 33.4 24.1 36.1



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

9.03

250000

200000

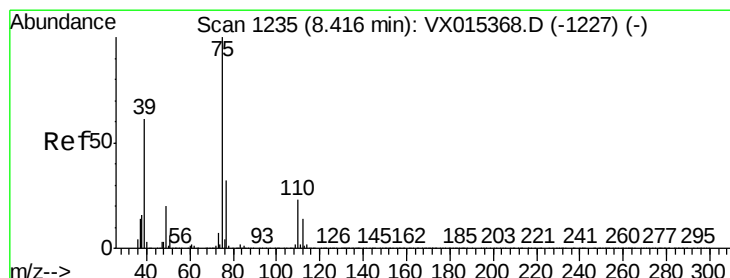
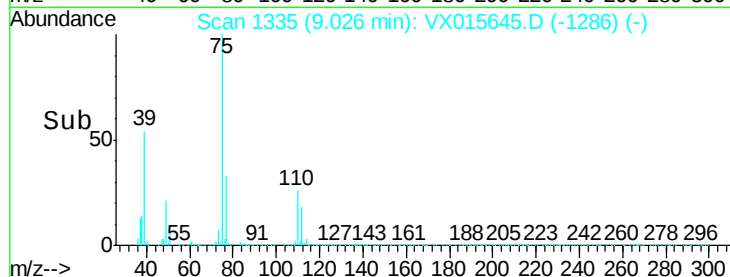
150000

100000

50000

0

Time-->



#54

cis-1,3-Dichloropropene

Concen: 18.604 ug/l

RT: 8.42 min Scan# 1235

Delta R.T. 0.00 min

Lab File: VX015645.D

Acq: 13 Apr 2020 16:26

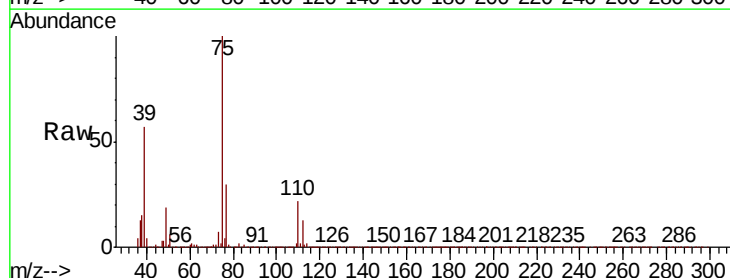
Tgt Ion: 75 Resp: 383901

Ion Ratio Lower Upper

75 100

77 30.3 25.8 38.6

39 57.1 49.0 73.4



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

8.42

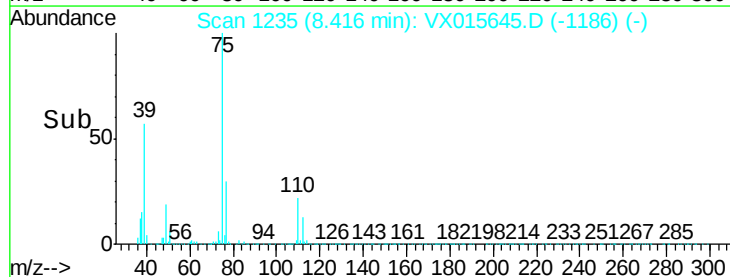
300000

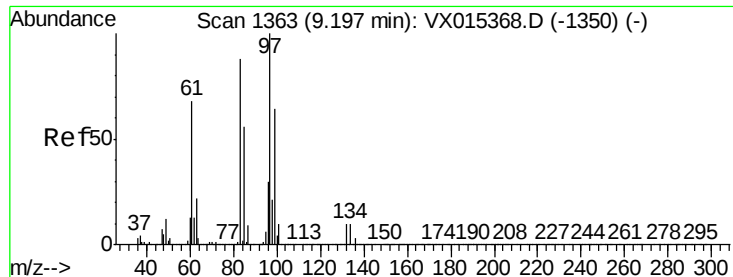
200000

100000

0

Time-->

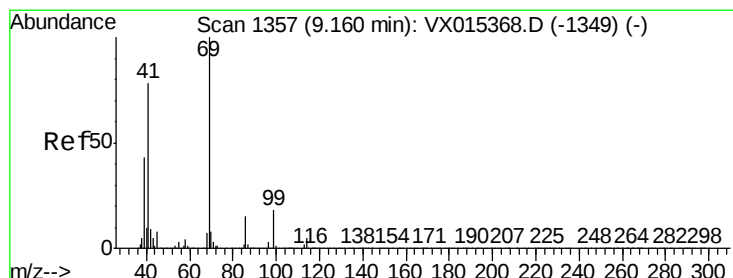
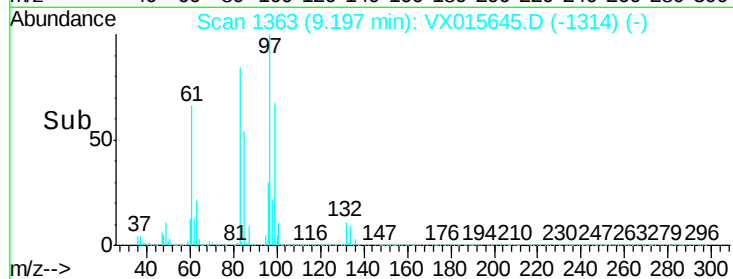
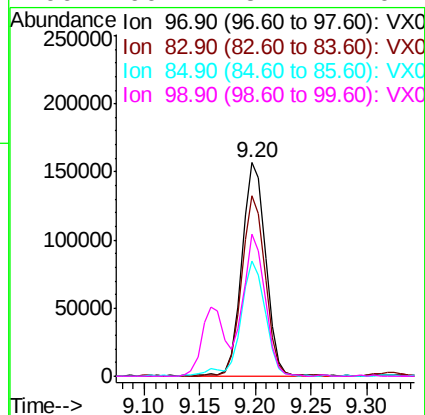
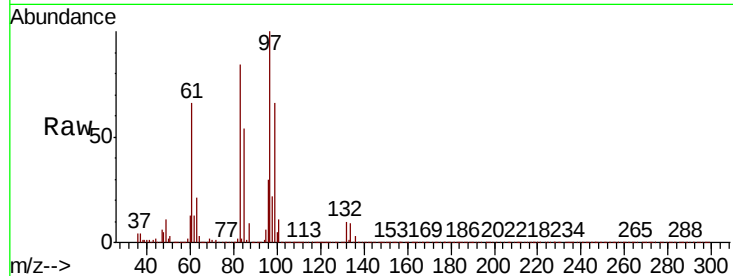




#55
 1,1,2-Trichloroethane
 Concen: 20.247 ug/l
 RT: 9.20 min Scan# 1363
 Delta R.T. 0.00 min
 Lab File: VX015645.D
 Acq: 13 Apr 2020 16:26

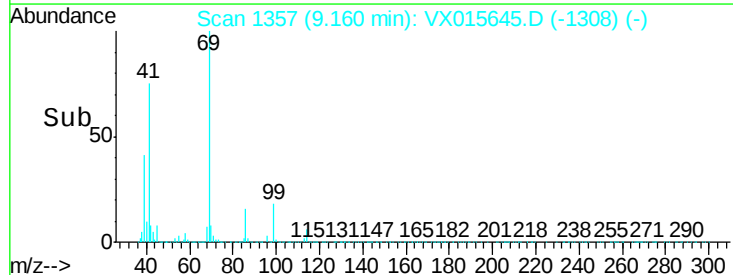
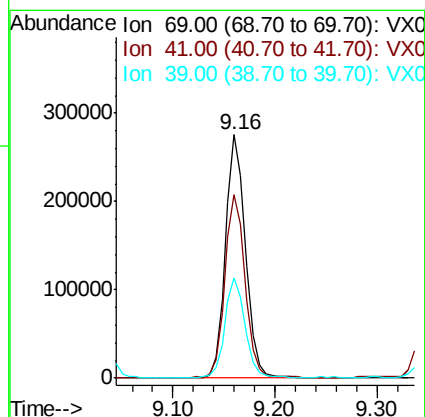
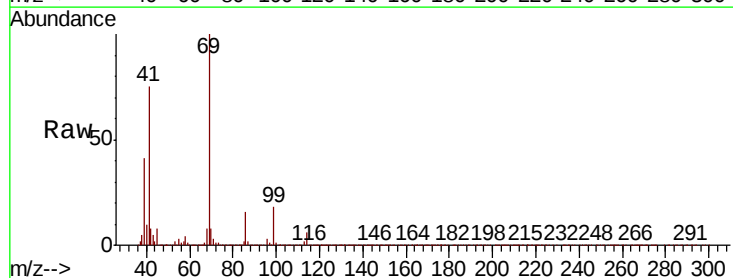
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0413WBSD01

Tot Ion:	97	Resp:	231011
Ion	Ratio	Lower	Upper
97	100		
83	84.3	70.2	105.4
85	53.9	44.7	67.1
99	66.4	51.1	76.7



#56
 Ethyl methacrylate
 Concen: 18.624 ug/l
 RT: 9.16 min Scan# 1357
 Delta R.T. 0.00 min
 Lab File: VX015645.D
 Acq: 13 Apr 2020 16:26

Tgt Ion:	69	Resp:	374488
Ion	Ratio	Lower	Upper
69	100		
41	77.4	61.6	92.4
39	40.6	34.0	51.0





#57

1,3-Dichloropropane

Concen: 19.246 ug/l

RT: 9.36 min Scan# 1389

Delta R.T. 0.00 min

Lab File: VX015645.D

Acq: 13 Apr 2020 16:26

Instrument :

MSVOA_X

ClientSampleId :

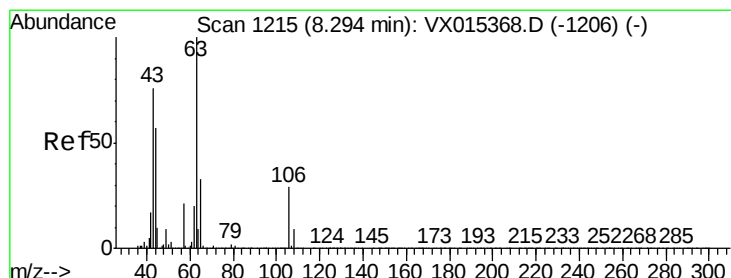
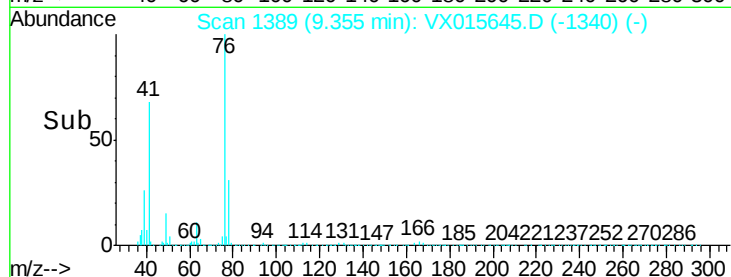
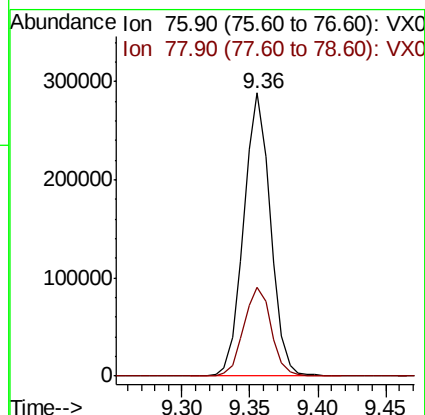
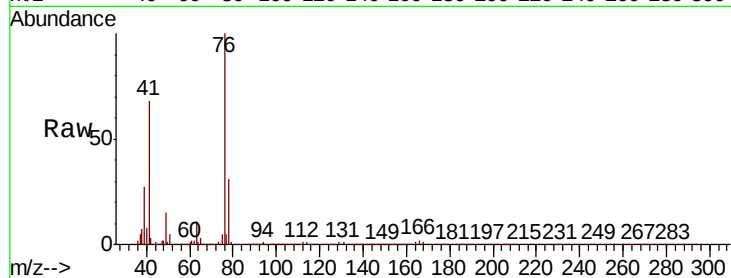
VX0413WBSD01

Tot Ion: 76 Resp: 395637

Ion Ratio Lower Upper

76 100

78 32.0 25.8 38.8



#58

2-Chloroethyl Vinyl ether

Concen: 102.902 ug/l

RT: 8.29 min Scan# 1215

Delta R.T. 0.00 min

Lab File: VX015645.D

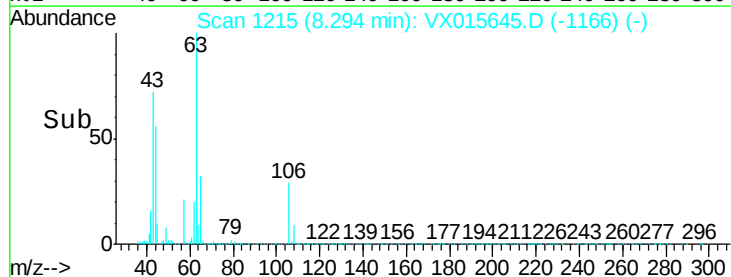
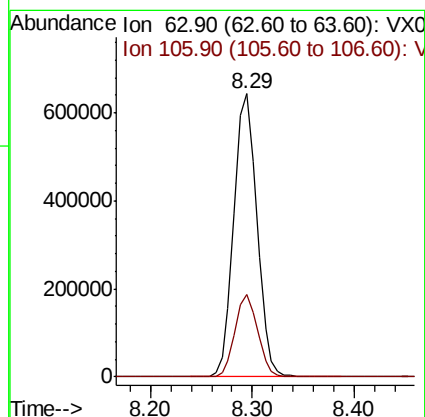
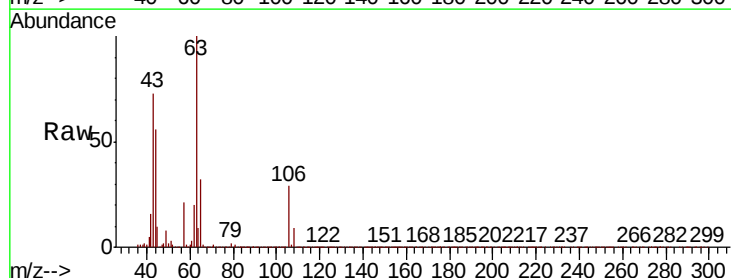
Acq: 13 Apr 2020 16:26

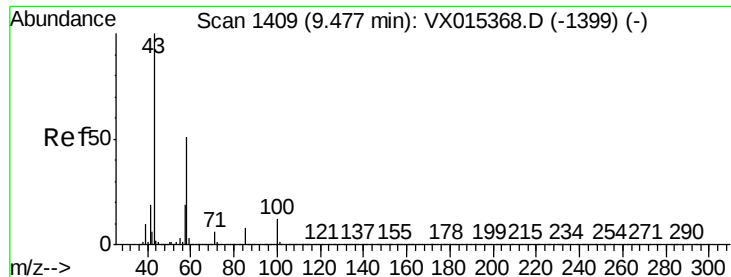
Tgt Ion: 63 Resp: 1006462

Ion Ratio Lower Upper

63 100

106 28.6 22.7 34.1

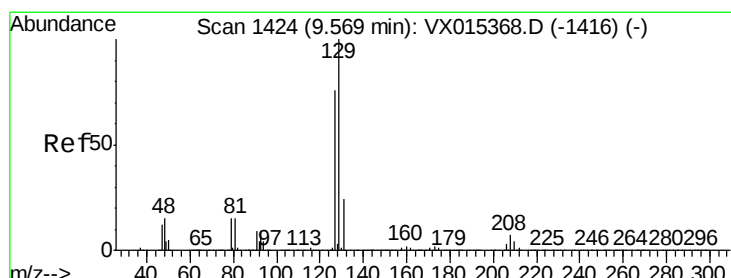
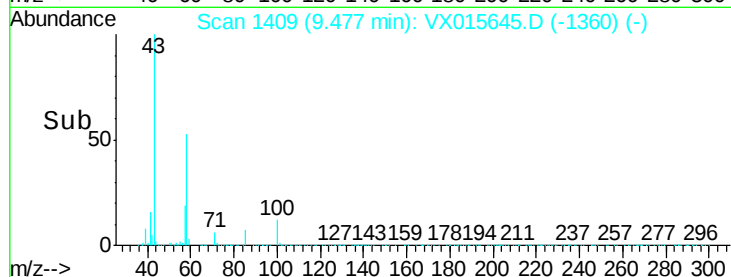
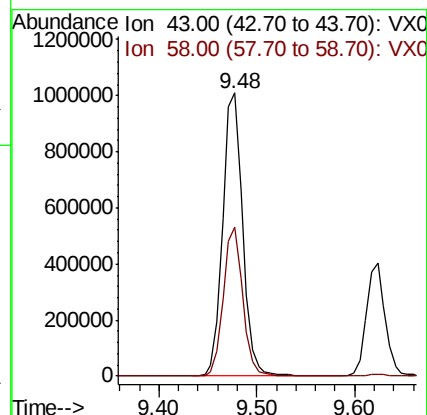
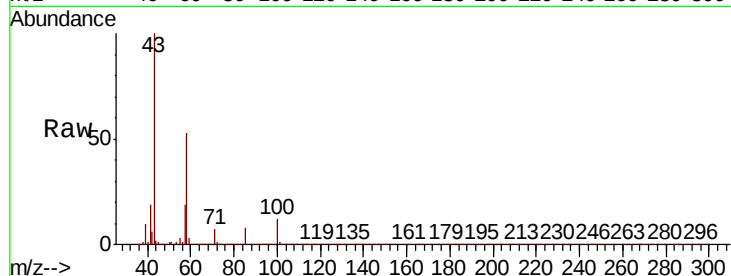




#59
2-Hexanone
Concen: 98.022 ug/l
RT: 9.48 min Scan# 1409
Delta R.T. 0.00 min
Lab File: VX015645.D
Acq: 13 Apr 2020 16:26

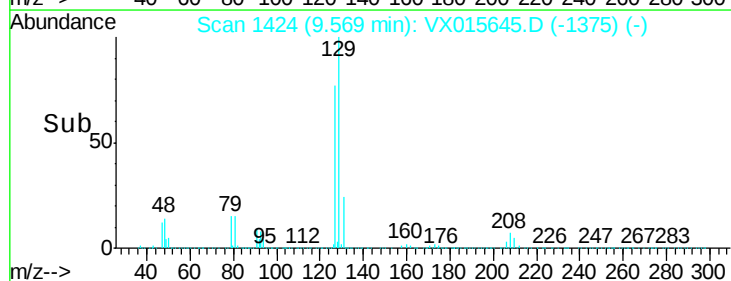
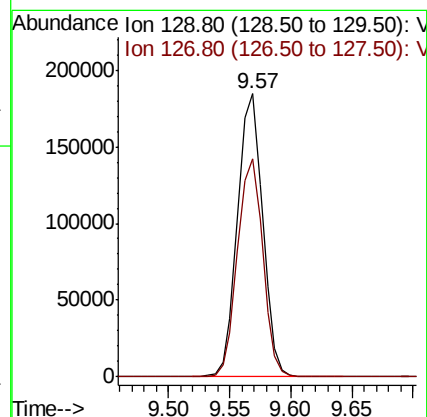
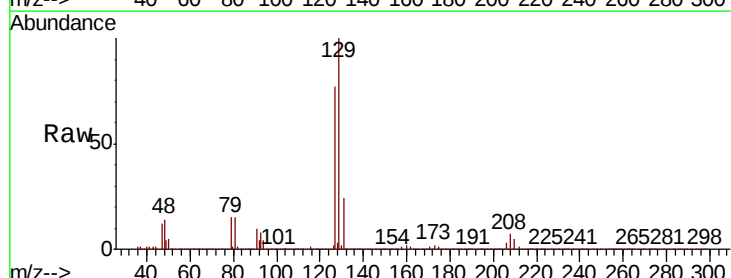
Instrument :
MSVOA_X
ClientSampleId :
VX0413WBSD01

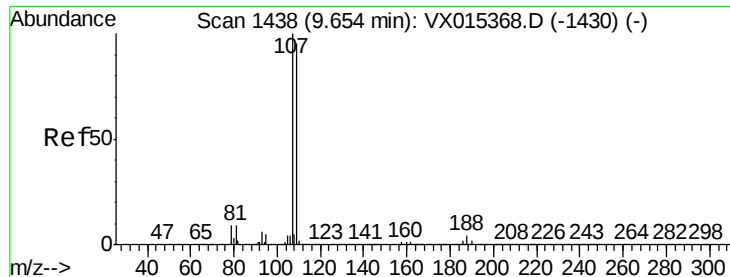
Tot Ion: 43 Resp: 1421532
Ion Ratio Lower Upper
43 100
58 51.4 25.6 76.6



#60
Dibromochloromethane
Concen: 19.169 ug/l
RT: 9.57 min Scan# 1424
Delta R.T. 0.00 min
Lab File: VX015645.D
Acq: 13 Apr 2020 16:26

Tgt Ion: 129 Resp: 262813
Ion Ratio Lower Upper
129 100
127 76.9 38.2 114.6





#61

1,2-Dibromoethane

Concen: 19.391 ug/l

RT: 9.65 min Scan# 1438

Delta R.T. 0.00 min

Lab File: VX015645.D

Acq: 13 Apr 2020 16:26

Instrument :

MSVOA_X

ClientSampleId :

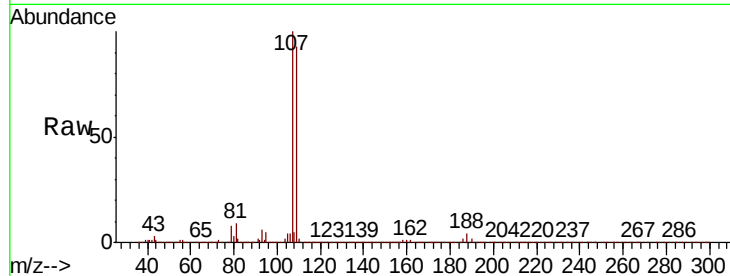
VX0413WBSD01

Tot Ion:107 Resp: 240576

Ion Ratio Lower Upper

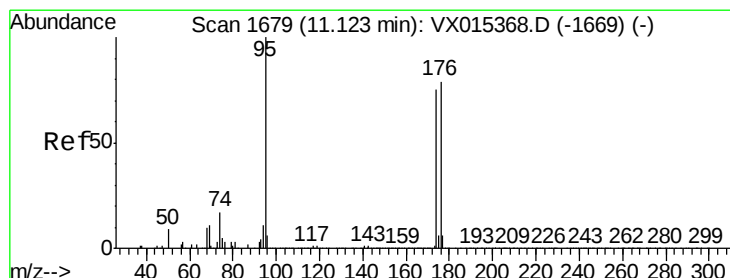
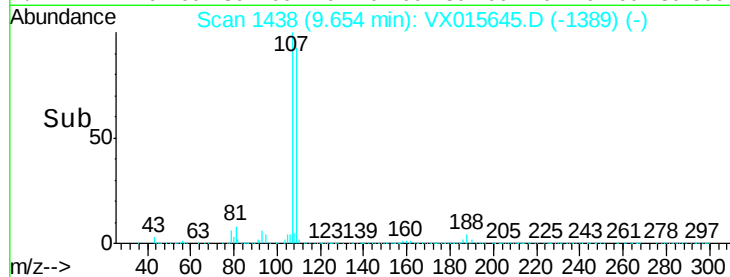
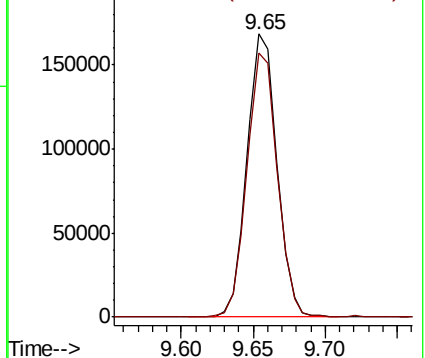
107 100

109 94.8 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: 48.525 ug/l

RT: 11.12 min Scan# 1679

Delta R.T. 0.00 min

Lab File: VX015645.D

Acq: 13 Apr 2020 16:26

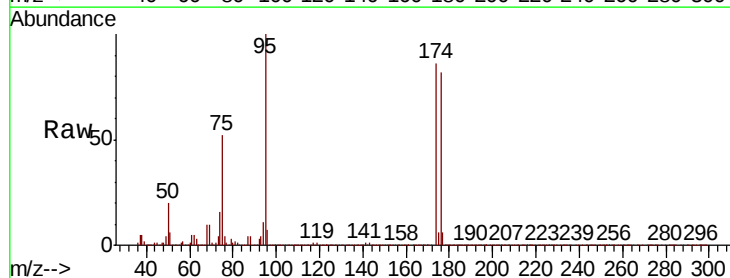
Tgt Ion: 95 Resp: 776749

Ion Ratio Lower Upper

95 100

174 85.5 0.0 158.6

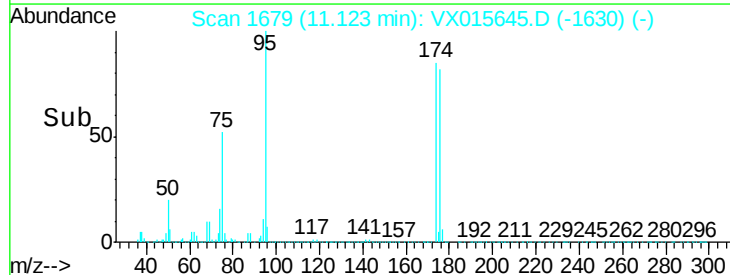
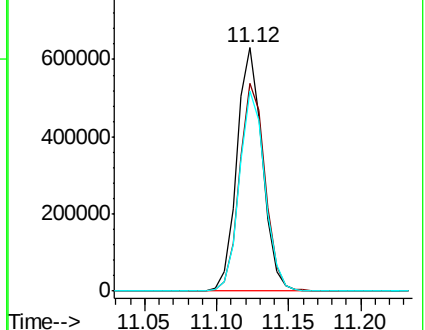
176 82.2 0.0 159.0



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

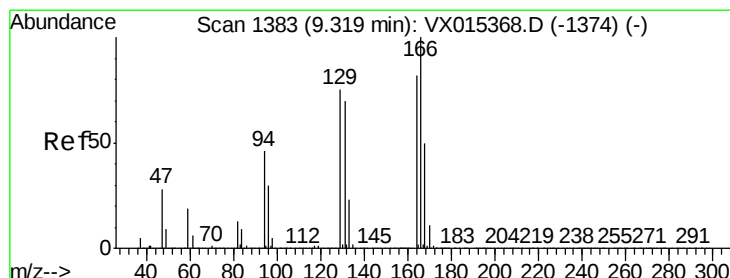
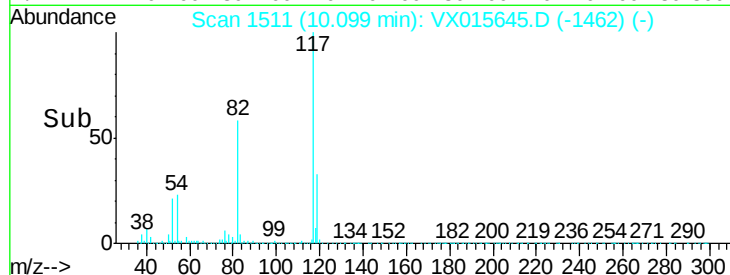
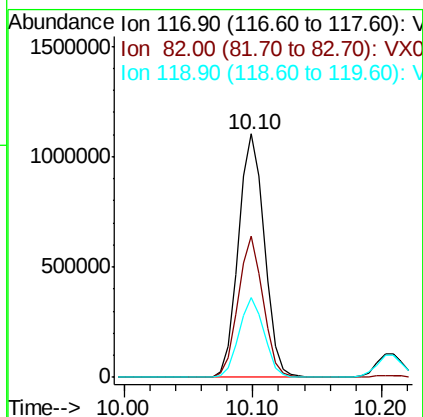
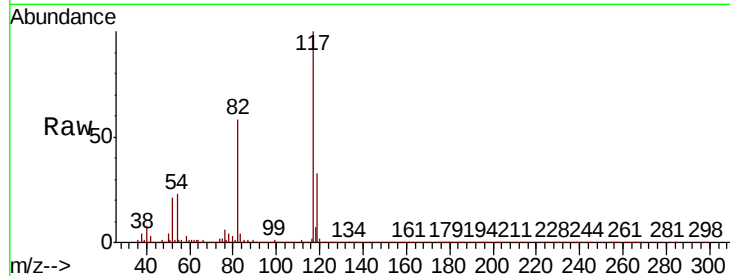




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1511
Delta R.T. 0.00 min
Lab File: VX015645.D
Acq: 13 Apr 2020 16:26

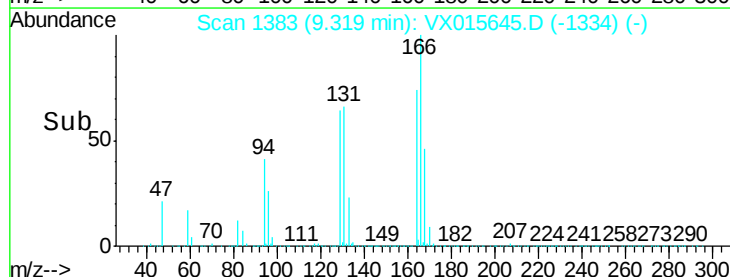
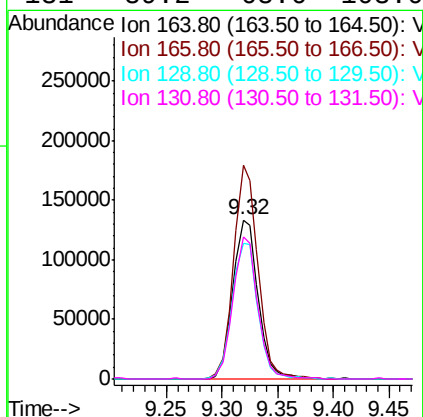
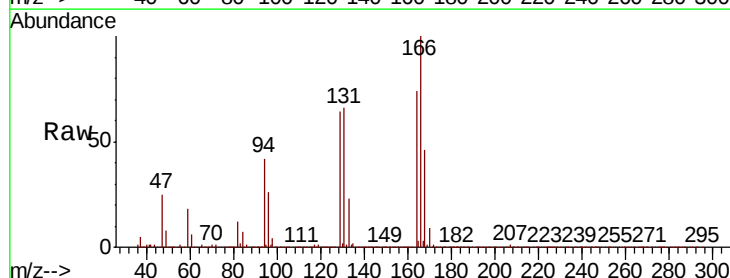
Instrument :
MSVOA_X
ClientSampleId :
VX0413WBSD01

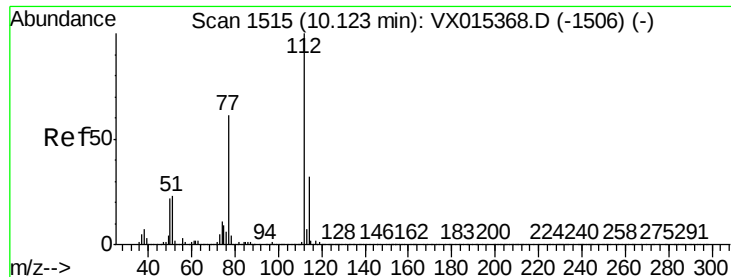
Tot Ion:117 Resp: 1536808
Ion Ratio Lower Upper
117 100
82 57.9 47.8 71.8
119 32.5 26.8 40.2



#64
Tetrachloroethene
Concen: 18.033 ug/l
RT: 9.32 min Scan# 1383
Delta R.T. 0.00 min
Lab File: VX015645.D
Acq: 13 Apr 2020 16:26

Tgt Ion:164 Resp: 209148
Ion Ratio Lower Upper
164 100
166 134.5 97.8 146.6
129 85.4 73.0 109.4
131 89.2 68.6 103.0





#65

Chlorobenzene

Concen: 18.970 ug/l

RT: 10.12 min Scan# 1515

Delta R.T. 0.00 min

Lab File: VX015645.D

Acq: 13 Apr 2020 16:26

Instrument :

MSVOA_X

ClientSampleId :

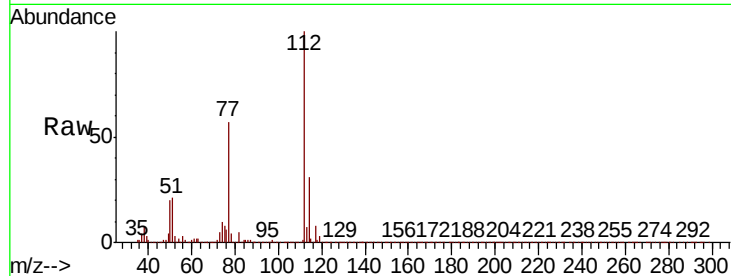
VX0413WBSD01

Tot Ion:112 Resp: 581407

Ion Ratio Lower Upper

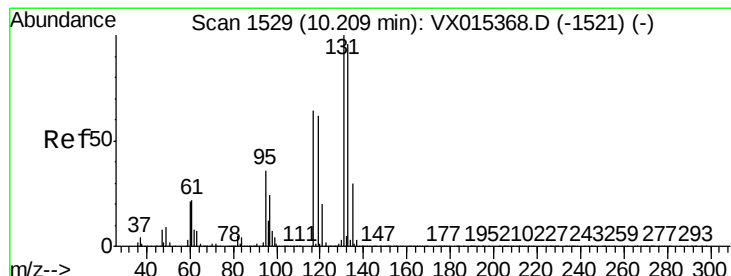
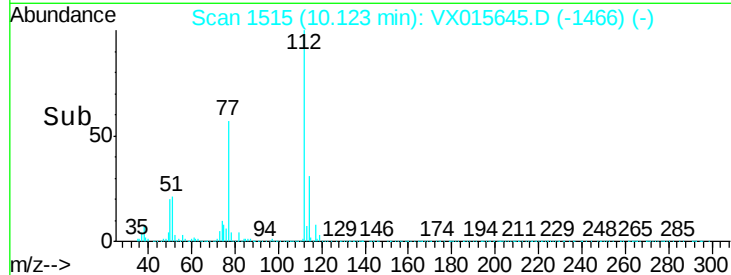
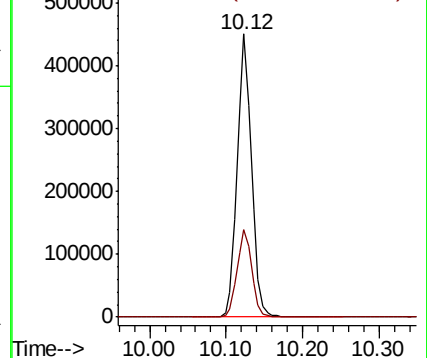
112 100

114 30.9 25.5 38.3



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 19.120 ug/l

RT: 10.21 min Scan# 1529

Delta R.T. 0.00 min

Lab File: VX015645.D

Acq: 13 Apr 2020 16:26

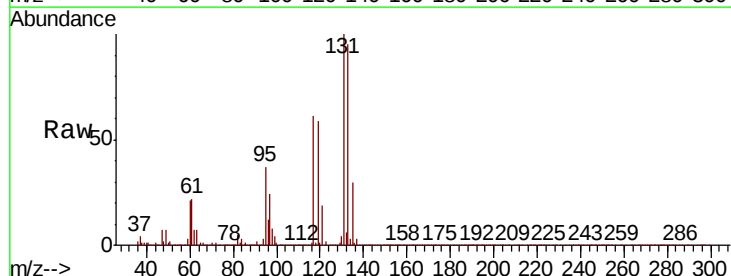
Tgt Ion:131 Resp: 234113

Ion Ratio Lower Upper

131 100

133 96.6 47.6 142.9

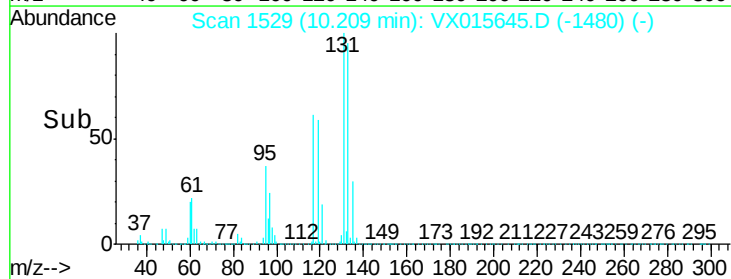
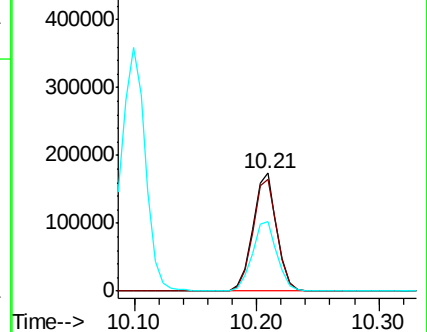
119 61.1 31.1 93.3

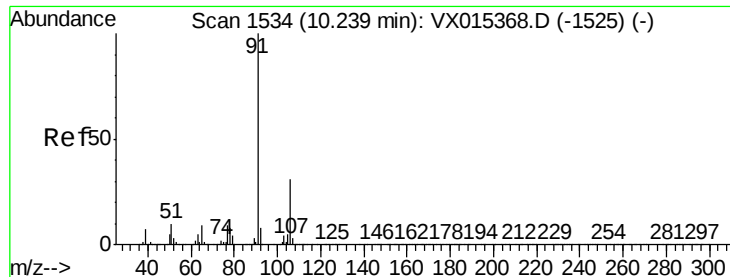


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





#67

Ethyl Benzene

Concen: 18.519 ug/l

RT: 10.24 min Scan# 1534

Delta R.T. 0.00 min

Lab File: VX015645.D

Acq: 13 Apr 2020 16:26

Instrument :

MSVOA_X

ClientSampleId :

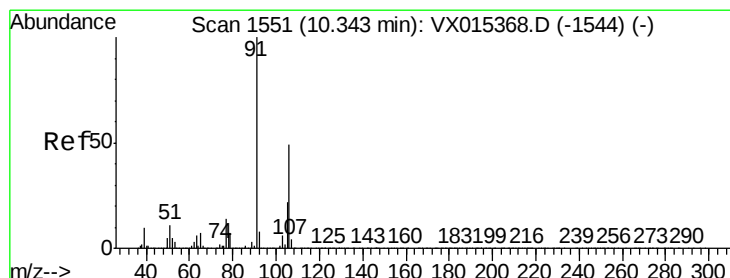
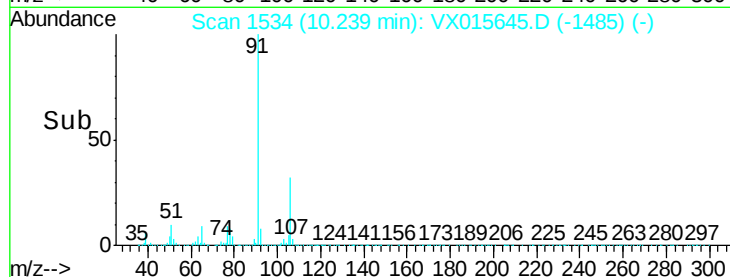
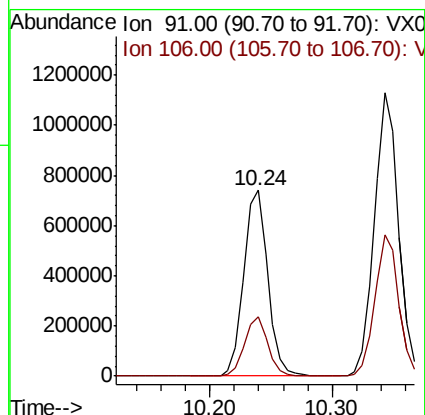
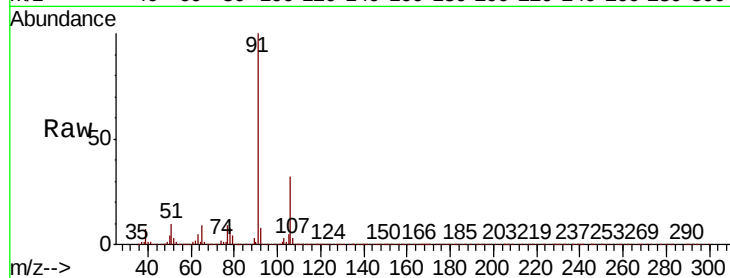
VX0413WBSD01

Tot Ion: 91 Resp: 1006668

Ion Ratio Lower Upper

91 100

106 32.0 24.8 37.2



#68

m/p-Xylenes

Concen: 37.872 ug/l

RT: 10.34 min Scan# 1551

Delta R.T. 0.00 min

Lab File: VX015645.D

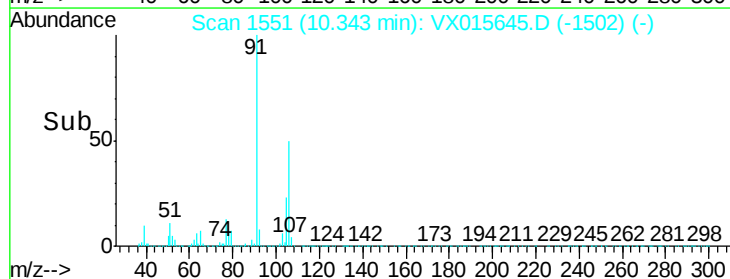
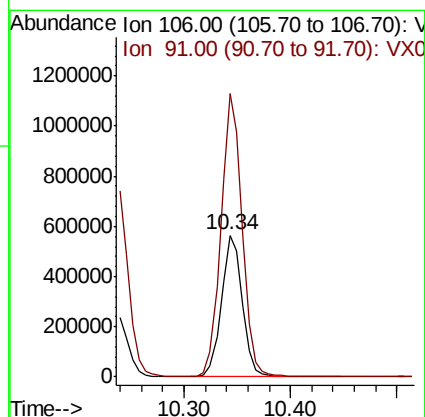
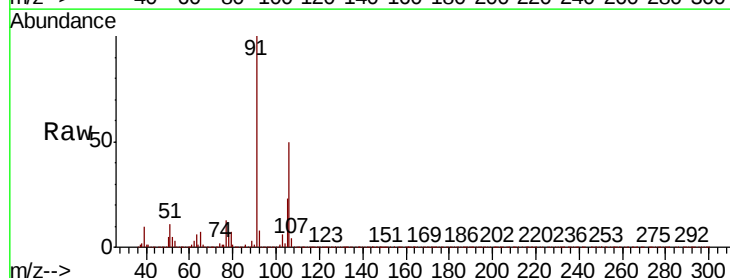
Acq: 13 Apr 2020 16:26

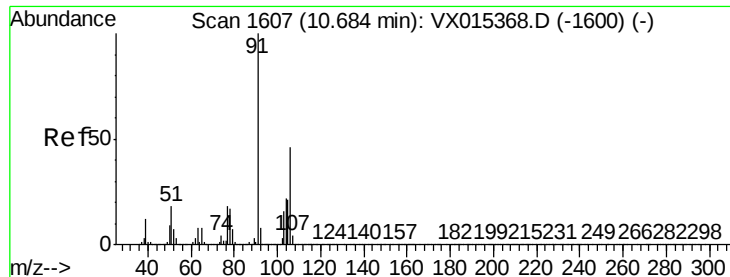
Tgt Ion: 106 Resp: 766572

Ion Ratio Lower Upper

106 100

91 202.1 163.4 245.0

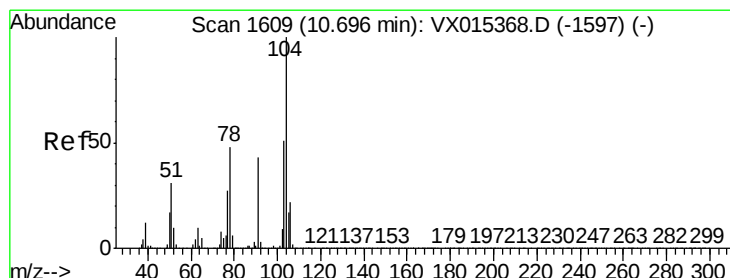
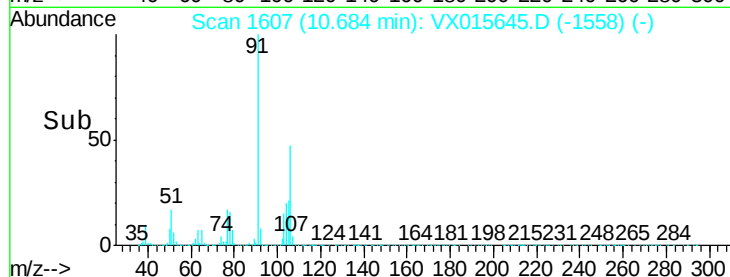
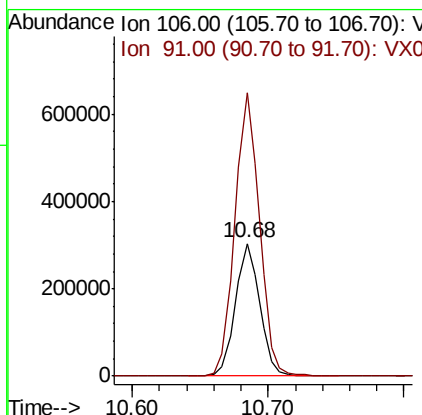
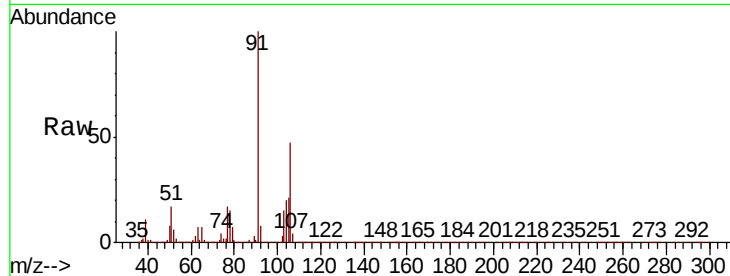




#69
o-Xylene
Concen: 18.915 ug/l
RT: 10.68 min Scan# 1607
Delta R.T. 0.00 min
Lab File: VX015645.D
Acq: 13 Apr 2020 16:26

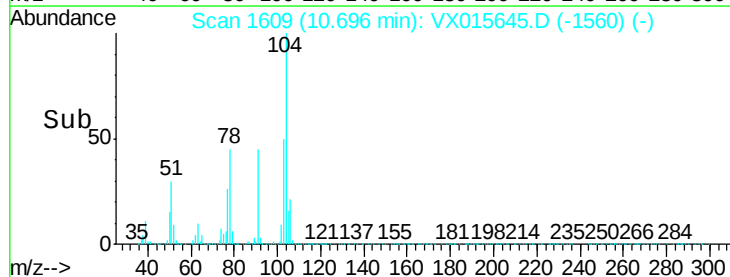
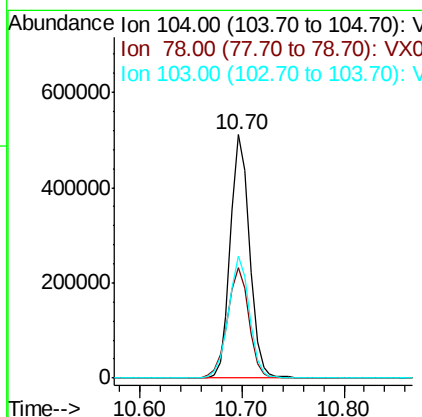
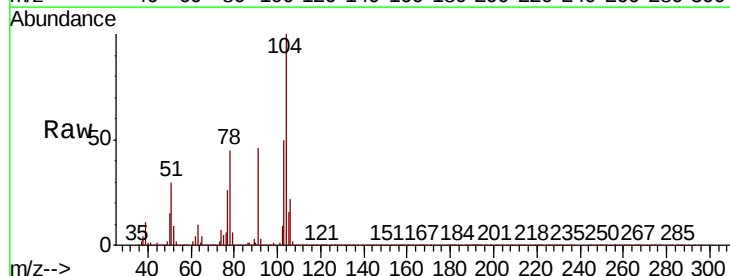
Instrument :
MSVOA_X
ClientSampleId :
VX0413WBSD01

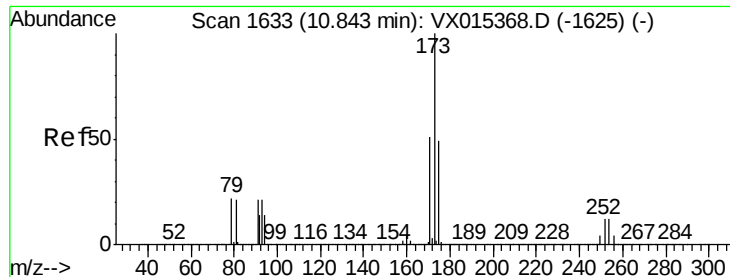
Tot Ion:106 Resp: 378335
Ion Ratio Lower Upper
106 100
91 215.3 107.1 321.3



#70
Styrene
Concen: 18.847 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX015645.D
Acq: 13 Apr 2020 16:26

Tgt Ion:104 Resp: 663336
Ion Ratio Lower Upper
104 100
78 51.0 42.0 63.0
103 54.4 43.4 65.0





#71

Bromoform

Concen: 18.483 ug/l

RT: 10.84 min Scan# 1633

Delta R.T. 0.00 min

Lab File: VX015645.D

Acq: 13 Apr 2020 16:26

Instrument :

MSVOA_X

ClientSampleId :

VX0413WBSD01

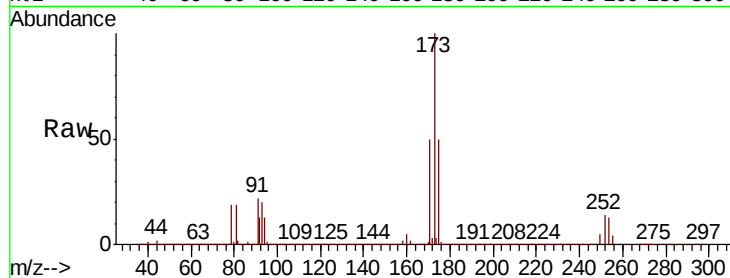
Tot Ion:173 Resp: 206015

Ion Ratio Lower Upper

173 100

175 48.8 23.9 71.7

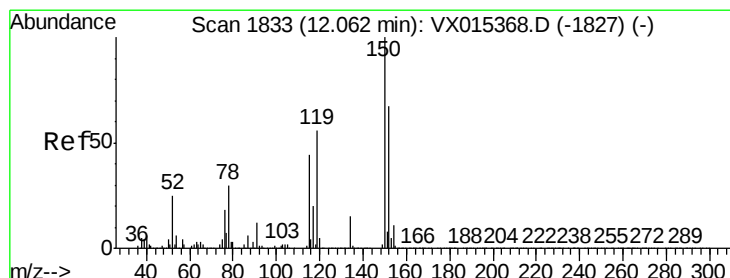
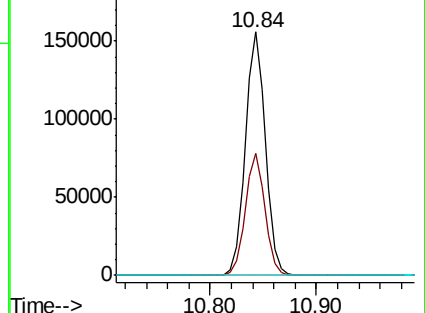
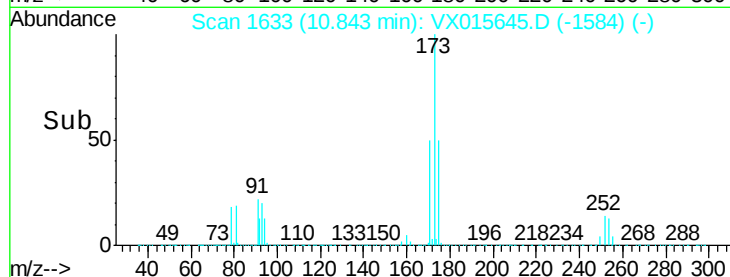
254 0.3 0.1 0.1#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VX015645.D

Acq: 13 Apr 2020 16:26

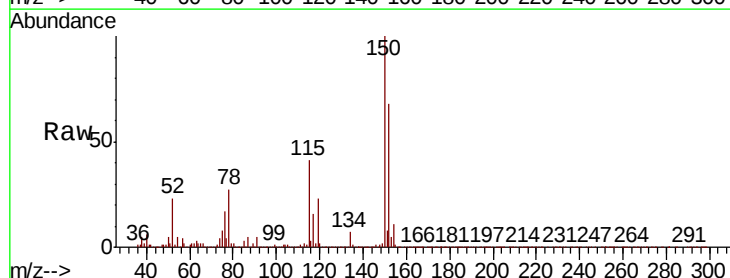
Tgt Ion:152 Resp: 817953

Ion Ratio Lower Upper

152 100

115 64.7 39.0 116.9

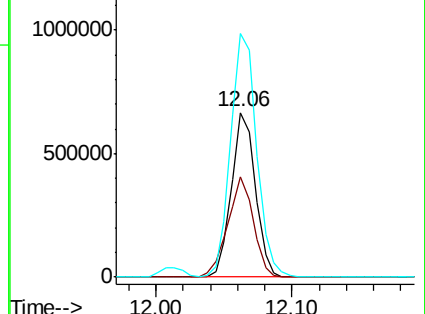
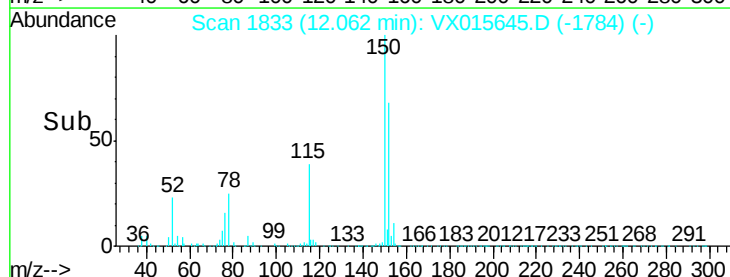
150 160.9 0.0 340.8

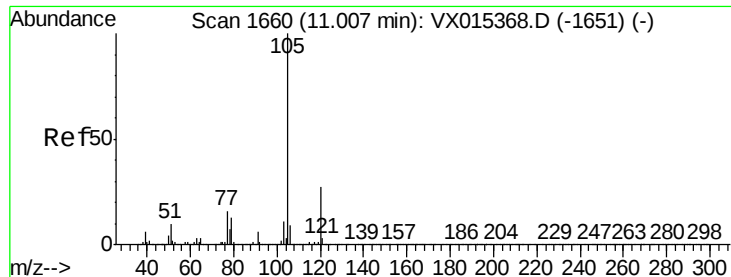


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 18.240 ug/l

RT: 11.00 min Scan# 1659

Delta R.T. -0.01 min

Lab File: VX015645.D

Acq: 13 Apr 2020 16:26

Instrument :

MSVOA_X

ClientSampleId :

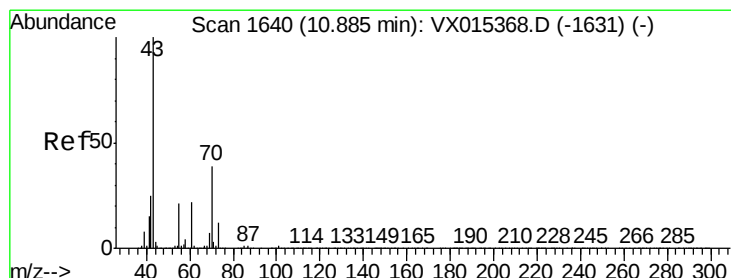
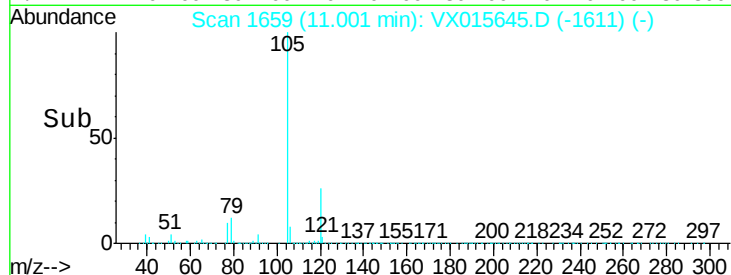
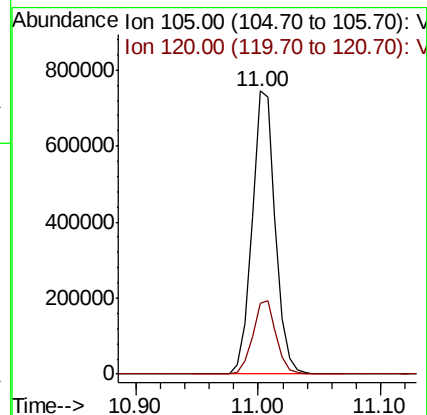
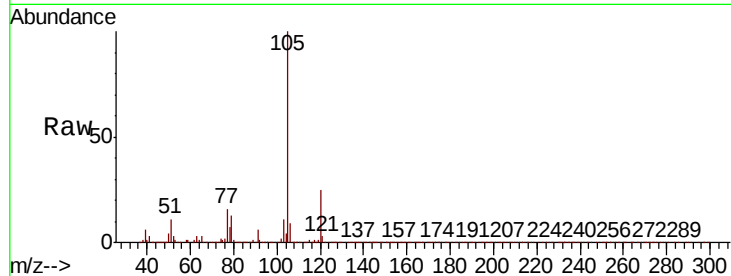
VX0413WBSD01

Tot Ion:105 Resp: 977554

Ion Ratio Lower Upper

105 100

120 26.3 13.2 39.5



#74

N-ethyl acetate

Concen: 17.863 ug/l

RT: 10.88 min Scan# 1639

Delta R.T. -0.01 min

Lab File: VX015645.D

Acq: 13 Apr 2020 16:26

Tgt Ion: 43 Resp: 532468

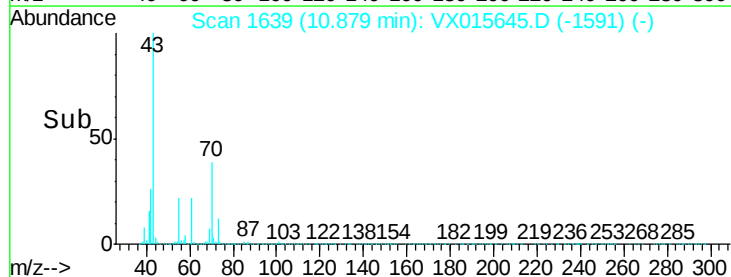
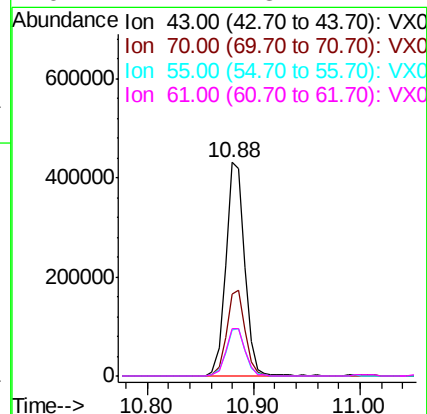
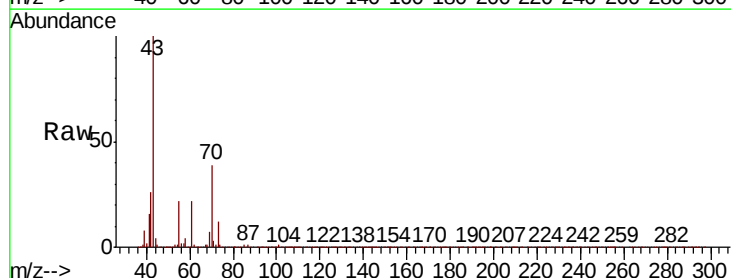
Ion Ratio Lower Upper

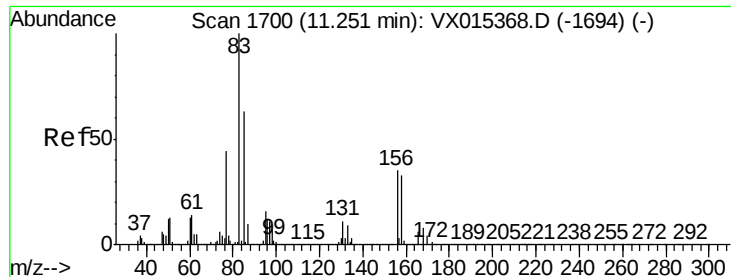
43 100

70 39.6 30.2 45.4

55 22.3 16.8 25.2

61 22.7 18.2 27.2





#75

1,1,2,2-Tetrachloroethane

Concen: 18.983 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX015645.D

Acq: 13 Apr 2020 16:26

Instrument :

MSVOA_X

ClientSampled :

VX0413WBSD01

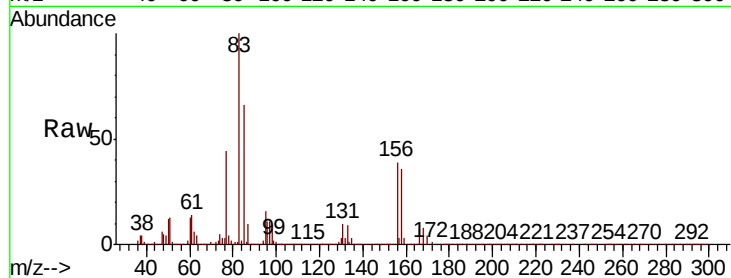
Tot Ion: 83 Resp: 349103

Ion Ratio Lower Upper

83 100

131 10.3 5.3 16.1

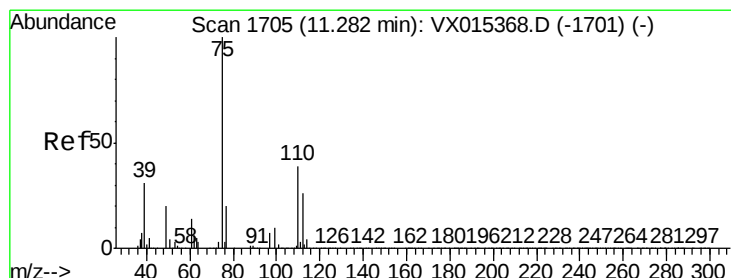
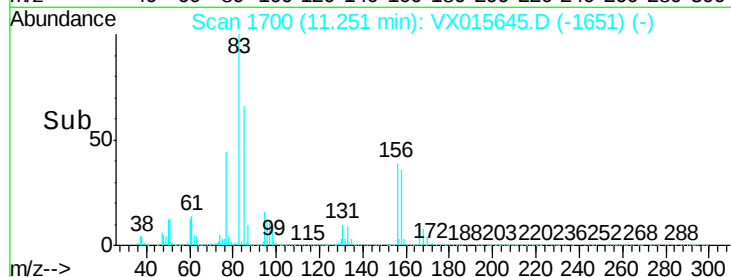
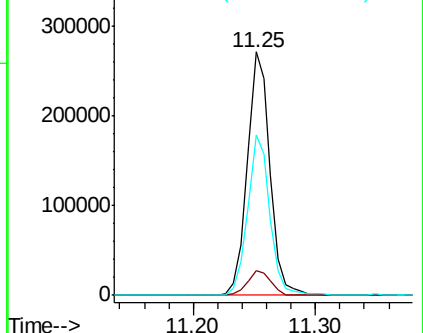
85 64.5 32.0 96.0



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 24.573 ug/l

RT: 11.28 min Scan# 1705

Delta R.T. 0.00 min

Lab File: VX015645.D

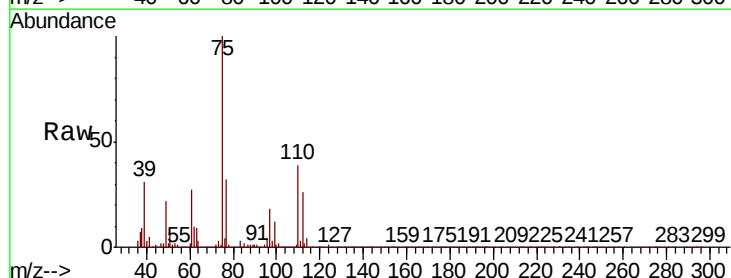
Acq: 13 Apr 2020 16:26

Tgt Ion: 75 Resp: 413335

Ion Ratio Lower Upper

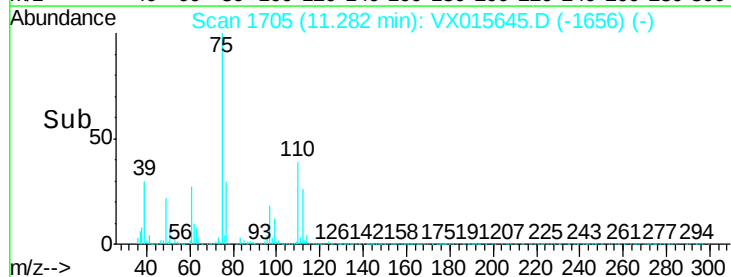
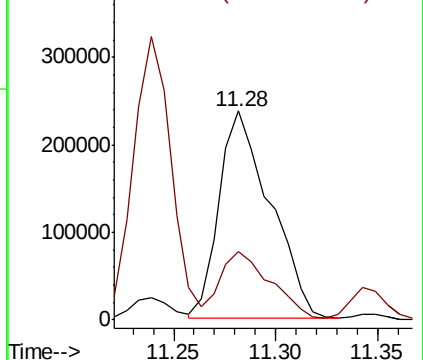
75 100

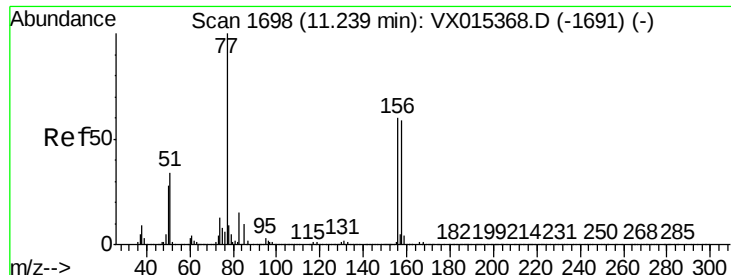
77 32.2 21.2 63.6



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 19.520 ug/l

RT: 11.24 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX015645.D

Acq: 13 Apr 2020 16:26

Instrument :

MSVOA_X

ClientSampleId :

VX0413WBSD01

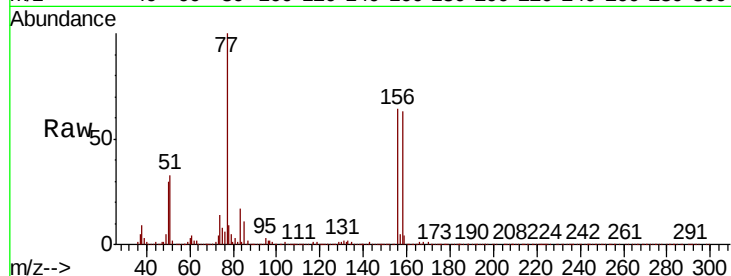
Tot Ion:156 Resp: 279055

Ion Ratio Lower Upper

156 100

77 150.1 82.2 246.5

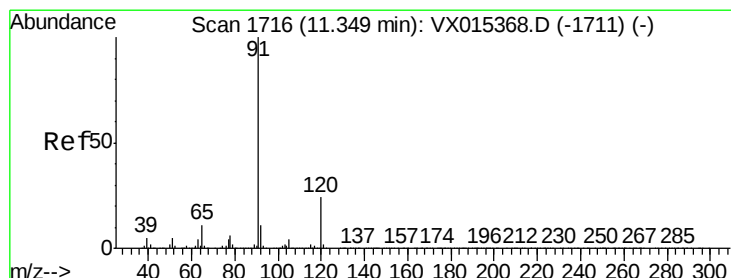
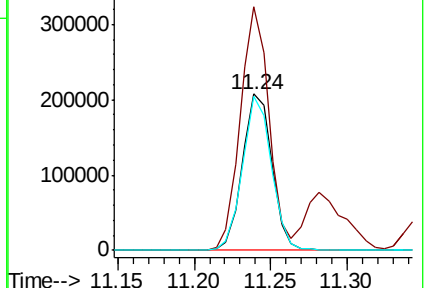
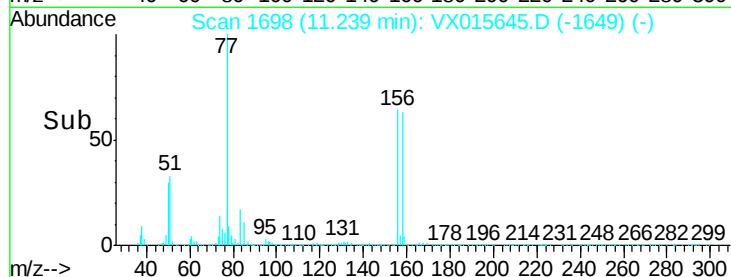
158 96.6 49.3 147.9



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: 17.880 ug/l

RT: 11.34 min Scan# 1715

Delta R.T. -0.01 min

Lab File: VX015645.D

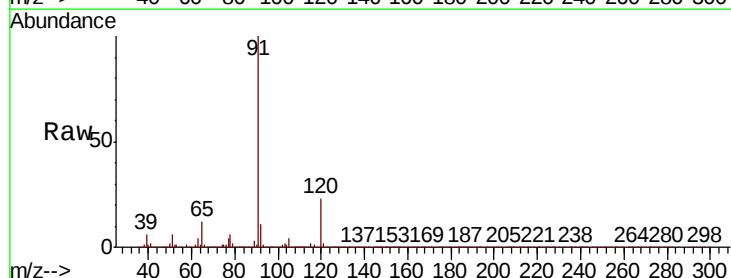
Acq: 13 Apr 2020 16:26

Tgt Ion: 91 Resp: 1095744

Ion Ratio Lower Upper

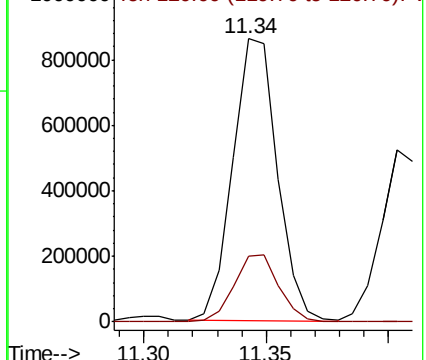
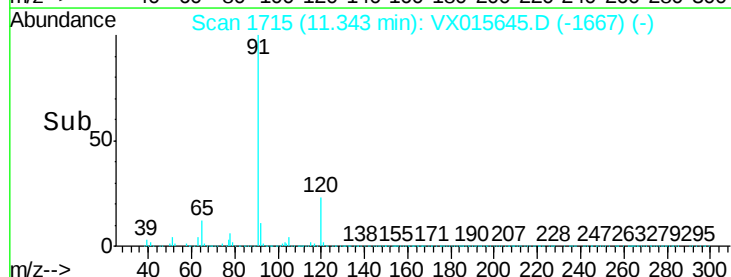
91 100

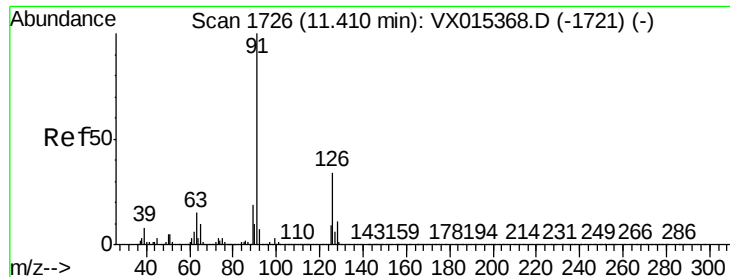
120 23.7 11.7 35.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 18.036 ug/l

RT: 11.40 min Scan# 1725

Delta R.T. -0.01 min

Lab File: VX015645.D

Acq: 13 Apr 2020 16:26

Instrument :

MSVOA_X

ClientSampleId :

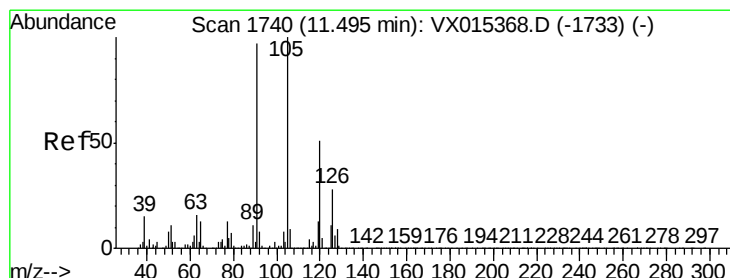
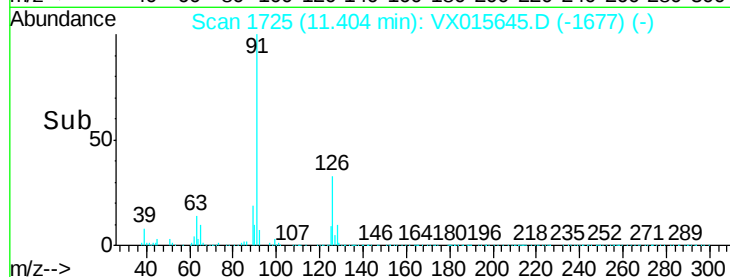
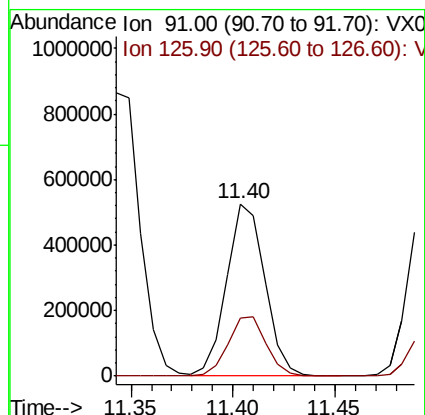
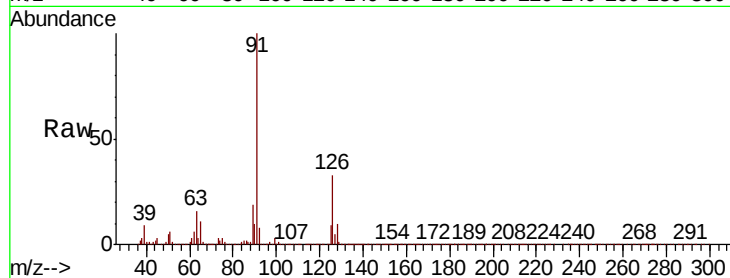
VX0413WBSD01

Tot Ion: 91 Resp: 677478

Ion Ratio Lower Upper

91 100

126 34.4 16.5 49.5



#80

1,3,5-Trimethylbenzene

Concen: 18.335 ug/l

RT: 11.50 min Scan# 1740

Delta R.T. 0.00 min

Lab File: VX015645.D

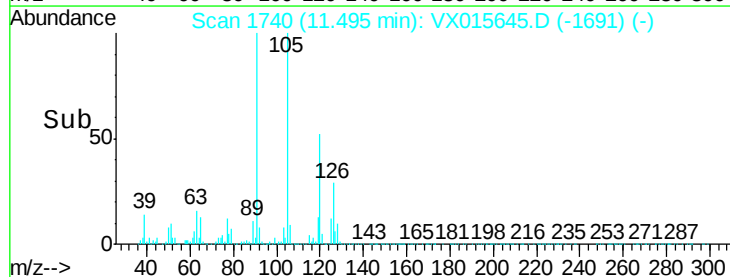
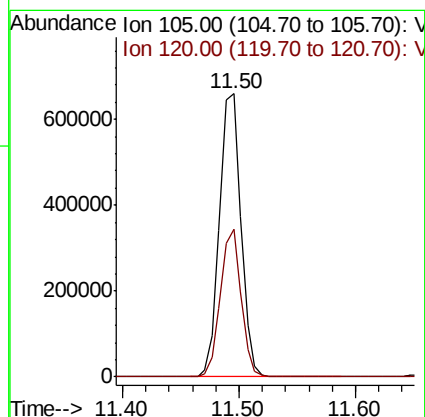
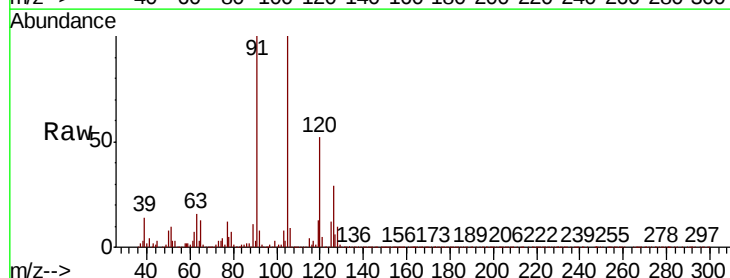
Acq: 13 Apr 2020 16:26

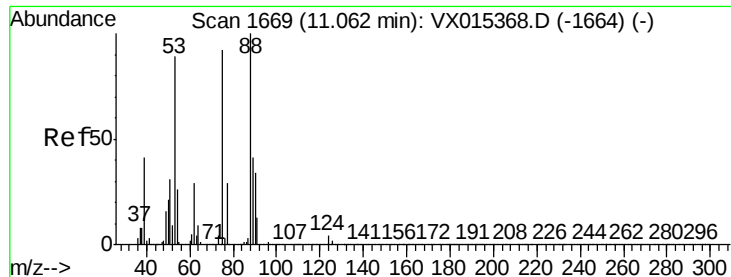
Tgt Ion: 105 Resp: 839194

Ion Ratio Lower Upper

105 100

120 50.3 24.8 74.4





#81

trans-1,4-Dichloro-2-butene

Concen: 16.413 ug/l

RT: 11.06 min Scan# 1669

Delta R.T. 0.00 min

Lab File: VX015645.D

Acq: 13 Apr 2020 16:26

Instrument :

MSVOA_X

ClientSampleId :

VX0413WBSD01

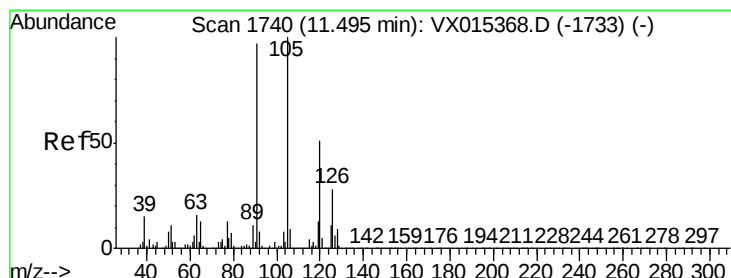
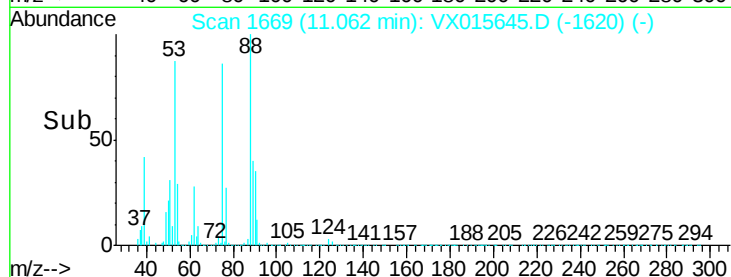
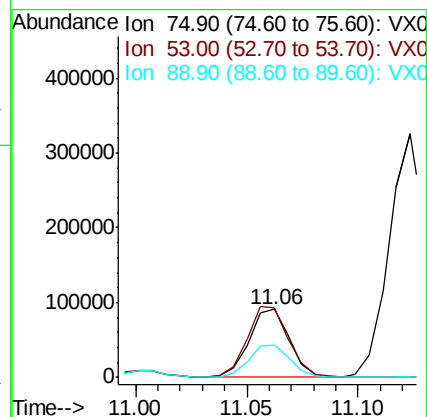
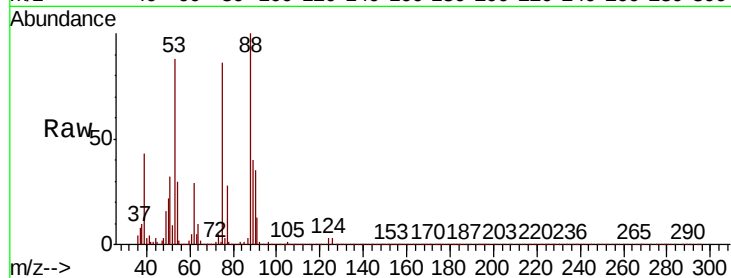
Tot Ion: 75 Resp: 115057

Ion Ratio Lower Upper

75 100

53 105.6 80.1 120.1

89 48.2 36.1 54.1



#82

4-Chlorotoluene

Concen: 18.377 ug/l

RT: 11.50 min Scan# 1740

Delta R.T. 0.00 min

Lab File: VX015645.D

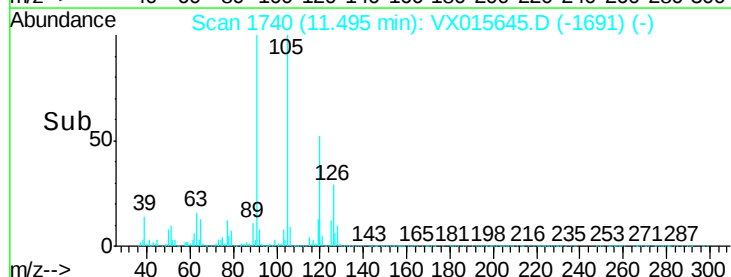
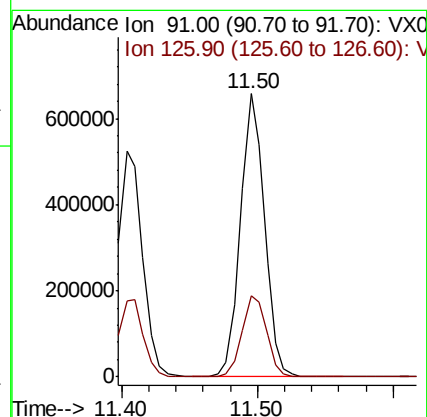
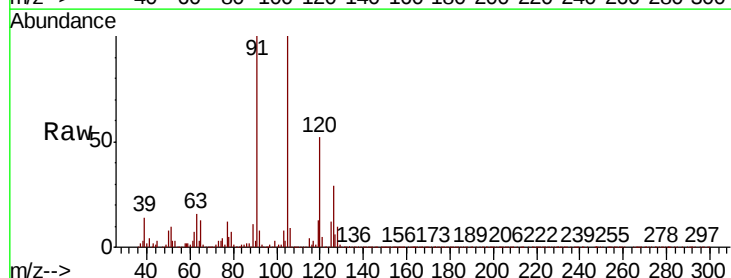
Acq: 13 Apr 2020 16:26

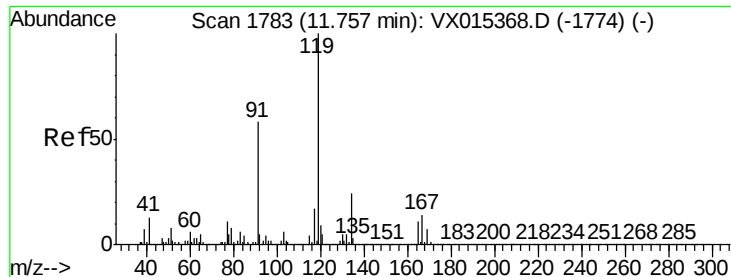
Tgt Ion: 91 Resp: 809208

Ion Ratio Lower Upper

91 100

126 29.2 14.7 44.1

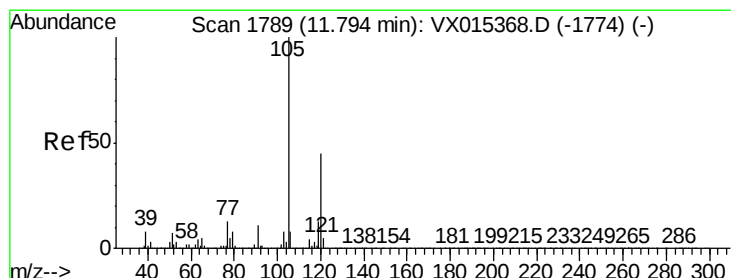
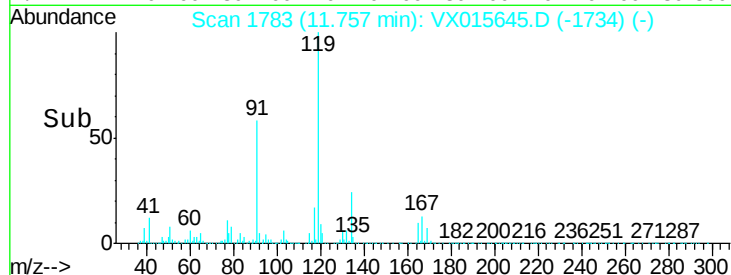
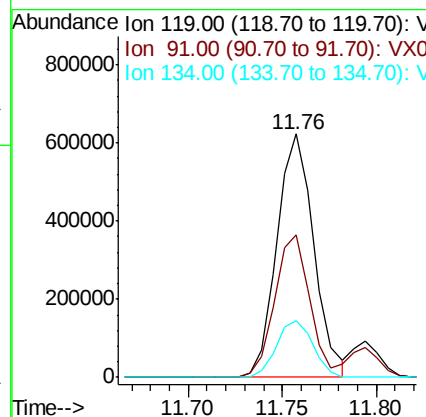
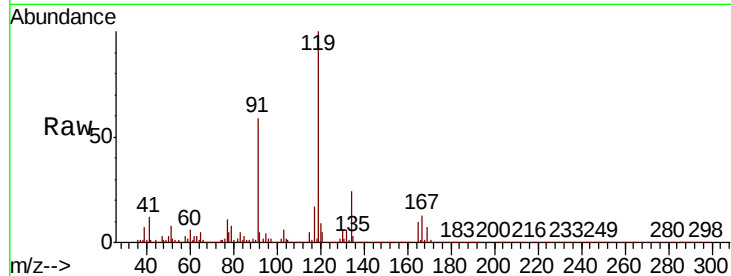




#83
tert-Butylbenzene
Concen: 18.899 ug/l
RT: 11.76 min Scan# 1783
Delta R.T. 0.00 min
Lab File: VX015645.D
Acq: 13 Apr 2020 16:26

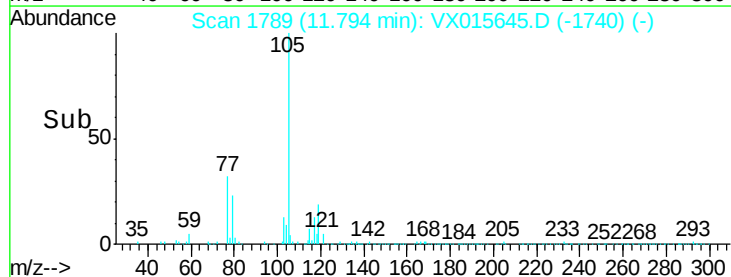
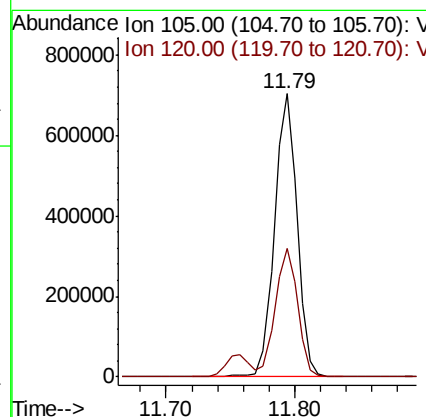
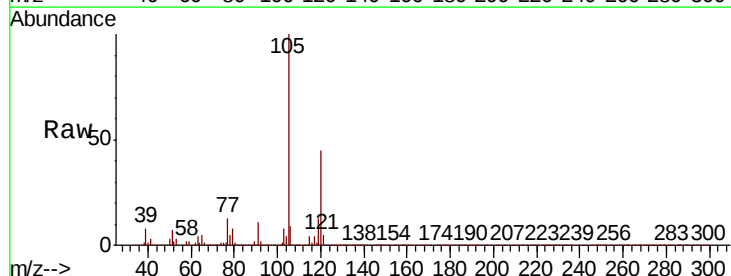
Instrument :
MSVOA_X
ClientSampleId :
VX0413WBSD01

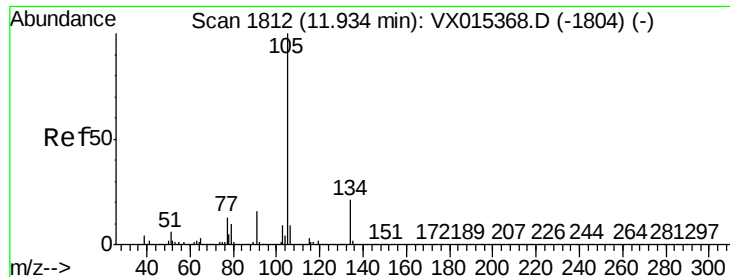
Tot Ion:119 Resp: 844942
Ion Ratio Lower Upper
119 100
91 55.2 28.6 85.8
134 23.0 11.8 35.3



#84
1,2,4-Trimethylbenzene
Concen: 18.459 ug/l
RT: 11.79 min Scan# 1789
Delta R.T. 0.00 min
Lab File: VX015645.D
Acq: 13 Apr 2020 16:26

Tgt Ion:105 Resp: 860981
Ion Ratio Lower Upper
105 100
120 45.2 22.7 68.1





#85

sec-Butylbenzene

Concen: 18.294 ug/l

RT: 11.93 min Scan# 1812

Delta R.T. 0.00 min

Lab File: VX015645.D

Acq: 13 Apr 2020 16:26

Instrument :

MSVOA_X

ClientSampleId :

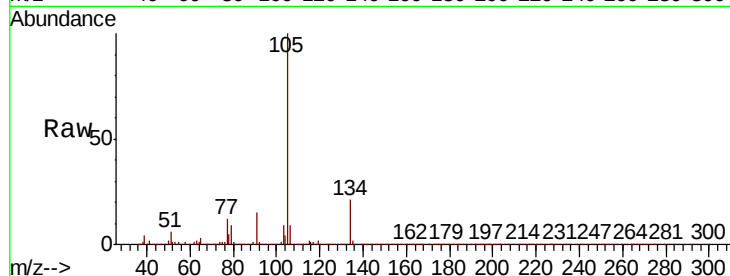
VX0413WBSD01

Tot Ion:105 Resp: 945945

Ion Ratio Lower Upper

105 100

134 20.6 10.4 31.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

11.93

800000

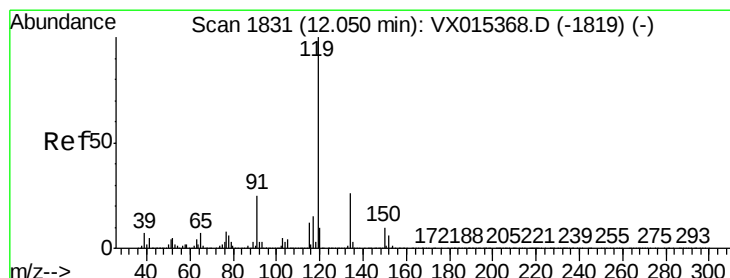
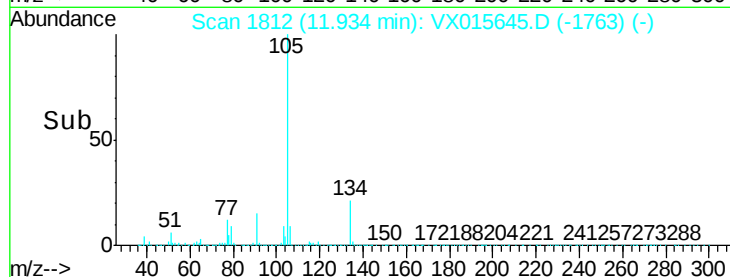
600000

400000

200000

0

Time--> 11.85 11.90 11.95 12.00



#86

p-Isopropyltoluene

Concen: 18.590 ug/l

RT: 12.05 min Scan# 1831

Delta R.T. 0.00 min

Lab File: VX015645.D

Acq: 13 Apr 2020 16:26

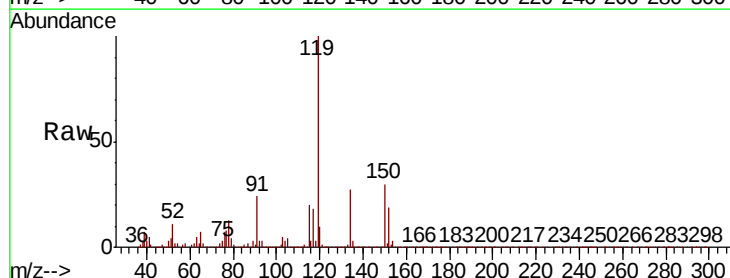
Tgt Ion:119 Resp: 892356

Ion Ratio Lower Upper

119 100

134 26.6 13.1 39.3

91 23.8 12.4 37.4



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

12.05

1000000

800000

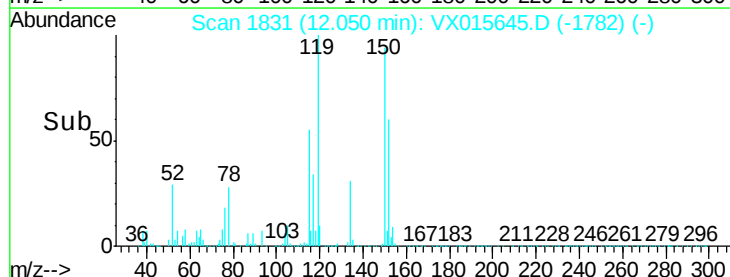
600000

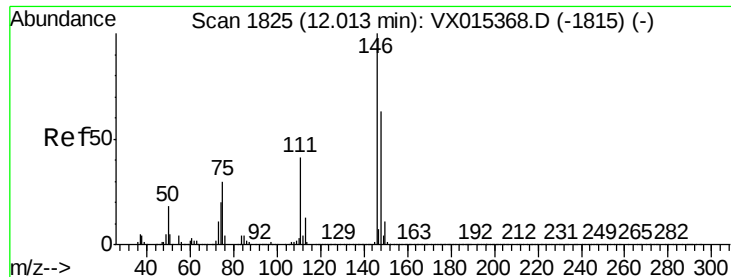
400000

200000

0

Time--> 12.00 12.10





#87

1,3-Dichlorobenzene

Concen: 19.243 ug/l

RT: 12.01 min Scan# 1825

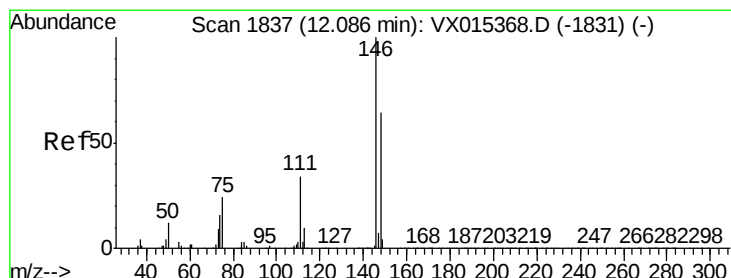
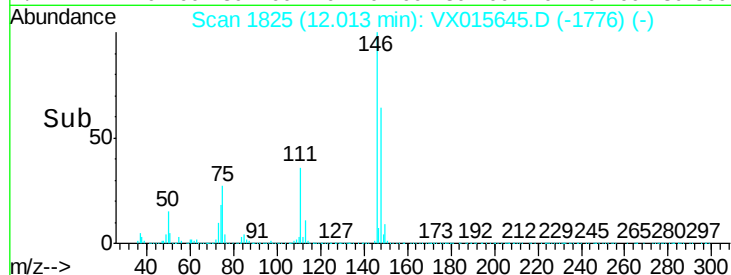
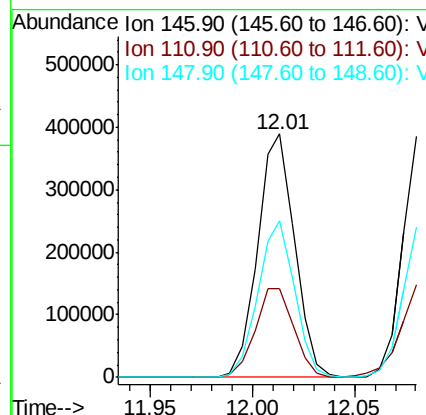
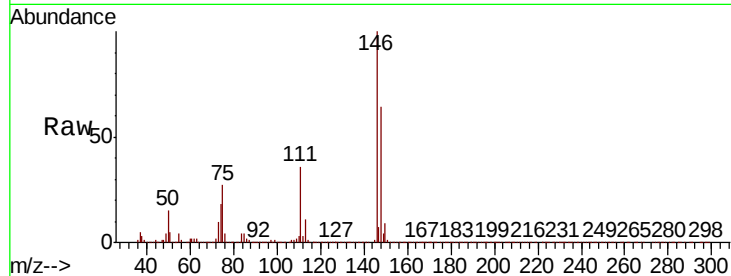
Delta R.T. 0.00 min

Lab File: VX015645.D

Acq: 13 Apr 2020 16:26

Instrument :
MSVOA_X
ClientSampleId :
VX0413WBSD01

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.2	20.3	60.9
148	63.6	31.3	93.9



#88

1,4-Dichlorobenzene

Concen: 18.983 ug/l

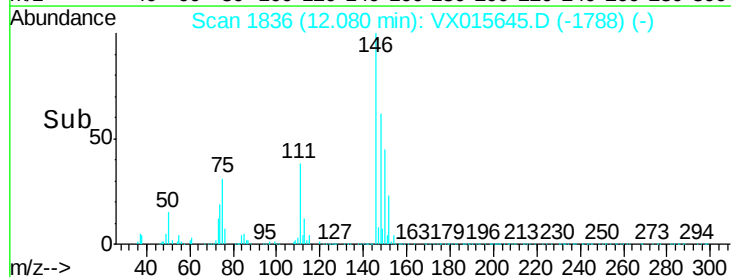
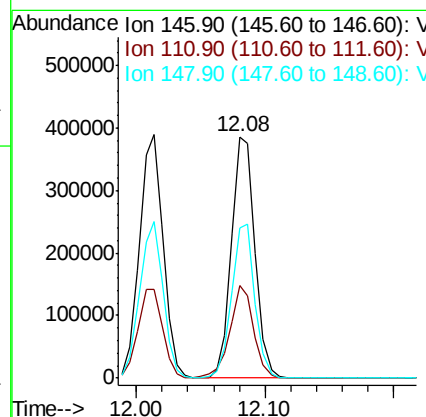
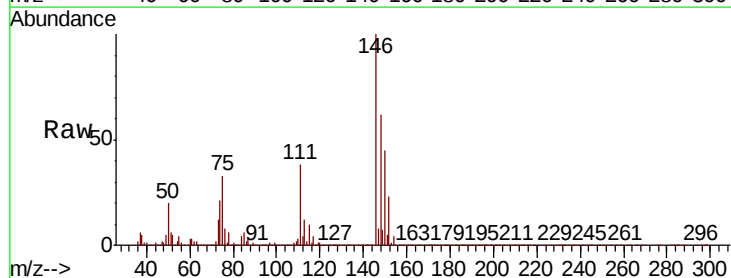
RT: 12.08 min Scan# 1836

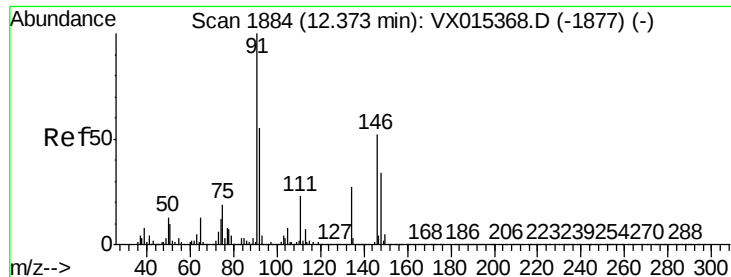
Delta R.T. -0.01 min

Lab File: VX015645.D

Acq: 13 Apr 2020 16:26

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.2	19.1	57.5
148	63.1	32.4	97.2

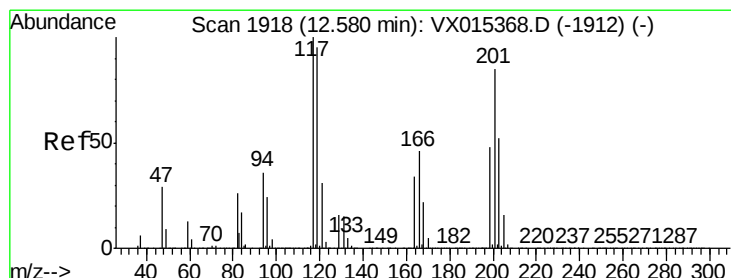
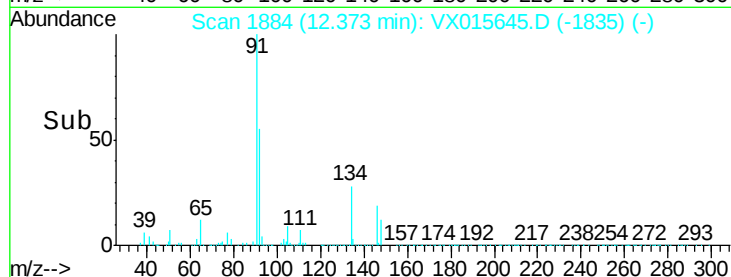
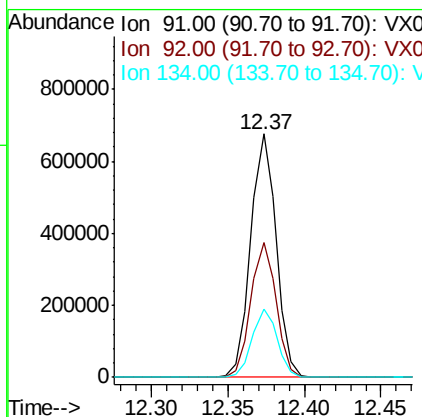
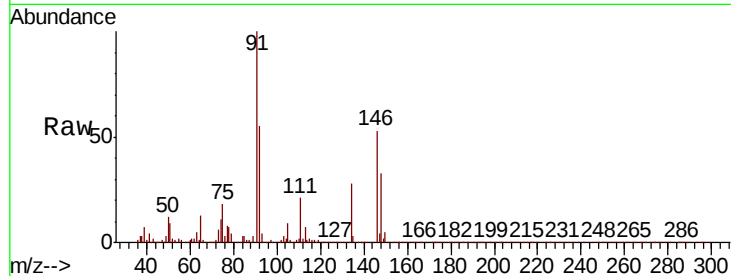




#89
n-Butylbenzene
Concen: 18.020 ug/l
RT: 12.37 min Scan# 1884
Delta R.T. 0.00 min
Lab File: VX015645.D
Acq: 13 Apr 2020 16:26

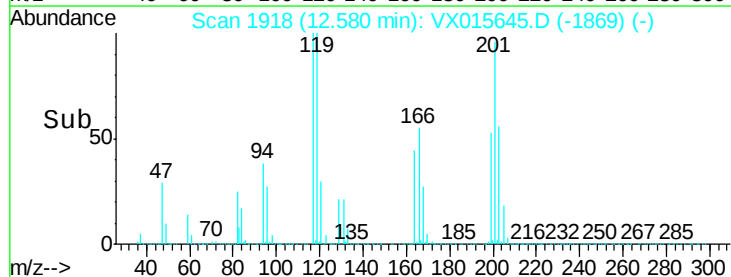
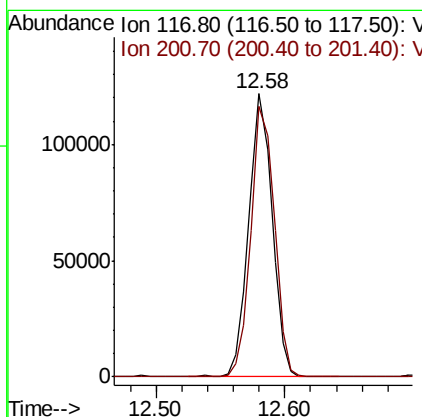
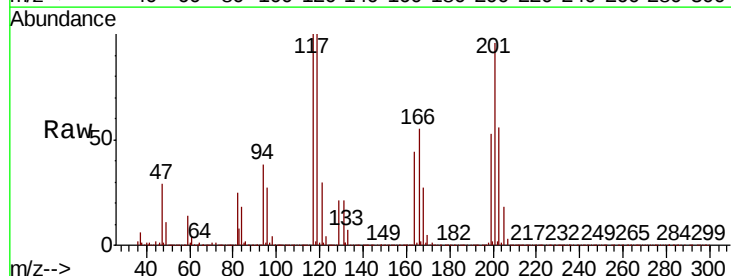
Instrument :
MSVOA_X
ClientSampleId :
VX0413WBSD01

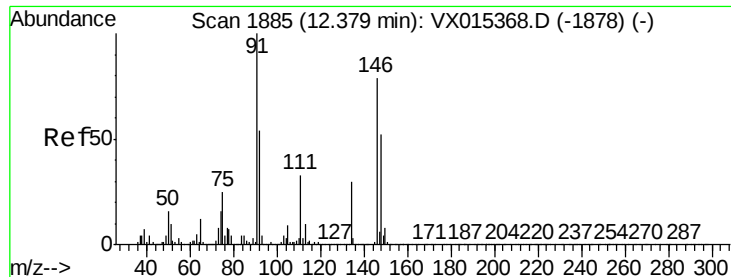
Tot Ion: 91 Resp: 781686
Ion Ratio Lower Upper
91 100
92 55.1 27.2 81.5
134 27.9 13.4 40.2



#90
Hexachloroethane
Concen: 16.367 ug/l
RT: 12.58 min Scan# 1918
Delta R.T. 0.00 min
Lab File: VX015645.D
Acq: 13 Apr 2020 16:26

Tgt Ion: 117 Resp: 152921
Ion Ratio Lower Upper
117 100
201 95.2 42.6 128.0





#91

1,2-Dichlorobenzene

Concen: 19.642 ug/l

RT: 12.38 min Scan# 1885

Delta R.T. 0.00 min

Lab File: VX015645.D

Acq: 13 Apr 2020 16:26

Instrument :

MSVOA_X

ClientSampleId :

VX0413WBSD01

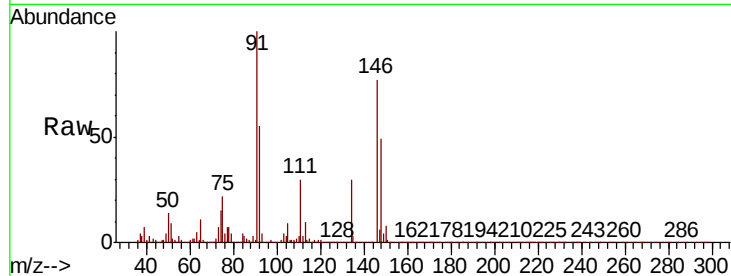
Tot Ion:146 Resp: 491925

Ion Ratio Lower Upper

146 100

111 39.0 21.0 63.0

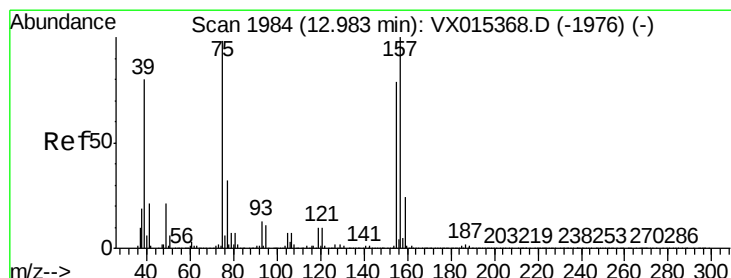
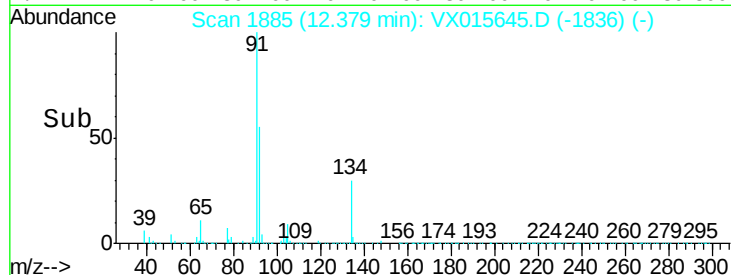
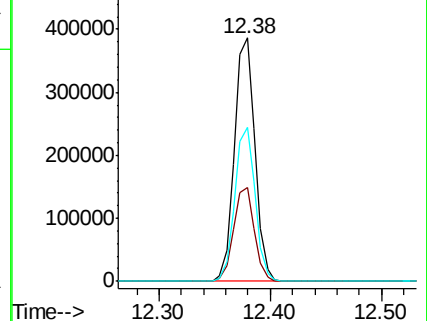
148 62.4 32.4 97.0



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 16.344 ug/l

RT: 12.98 min Scan# 1984

Delta R.T. 0.00 min

Lab File: VX015645.D

Acq: 13 Apr 2020 16:26

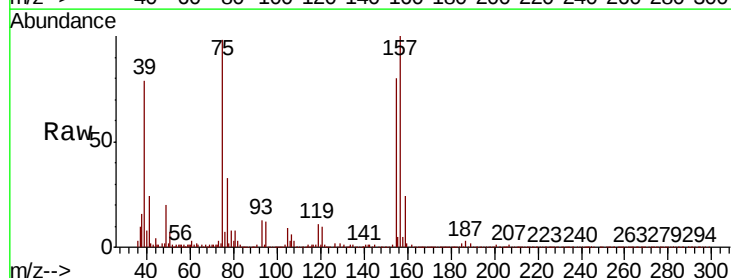
Tgt Ion: 75 Resp: 84834

Ion Ratio Lower Upper

75 100

155 88.4 42.8 128.4

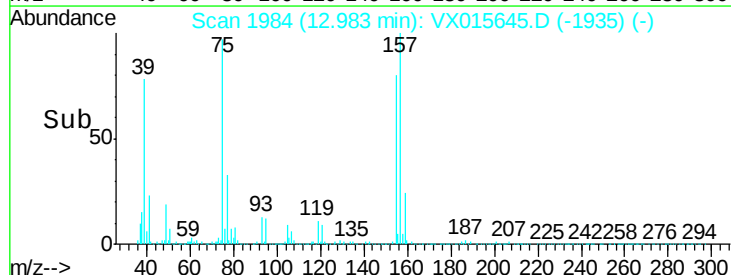
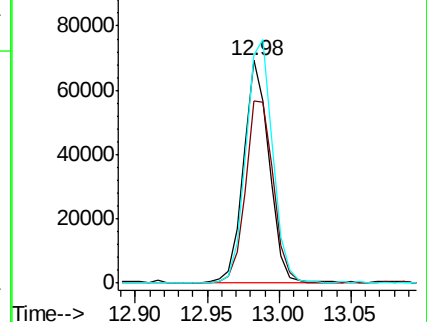
157 114.6 53.4 160.3

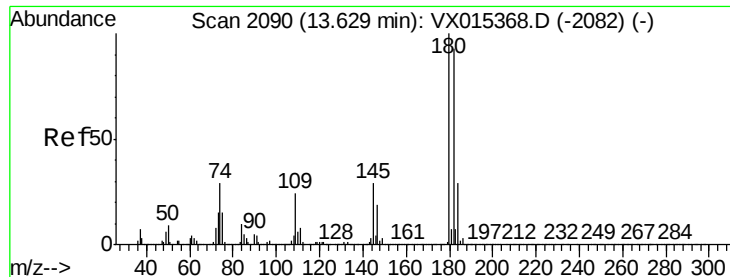


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

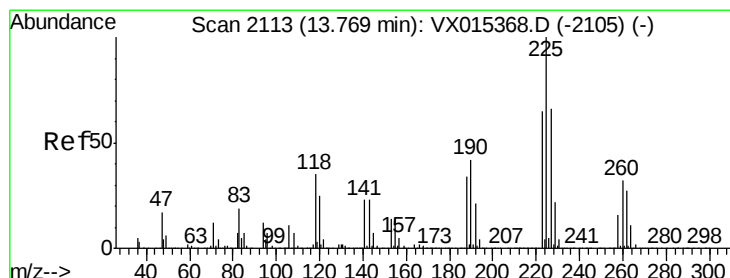
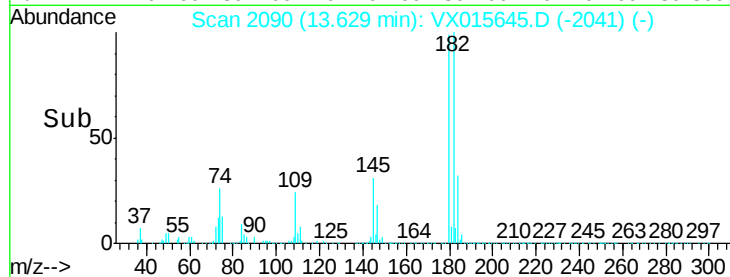
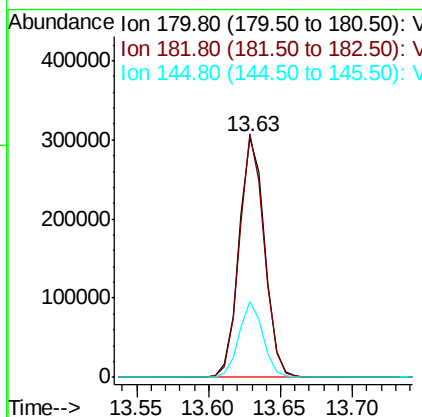
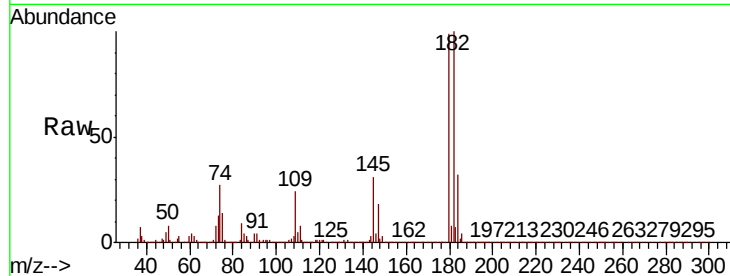




#93
 1,2,4-Trichlorobenzene
 Concen: 18.890 ug/l
 RT: 13.63 min Scan# 2090
 Delta R.T. 0.00 min
 Lab File: VX015645.D
 Acq: 13 Apr 2020 16:26

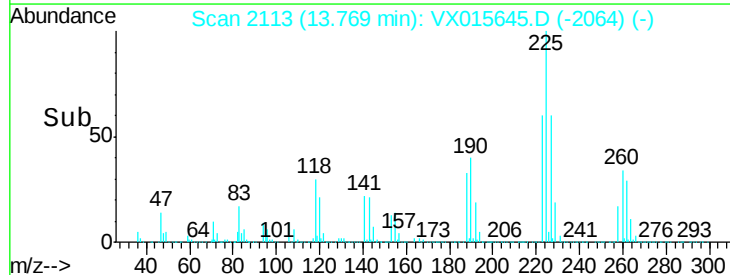
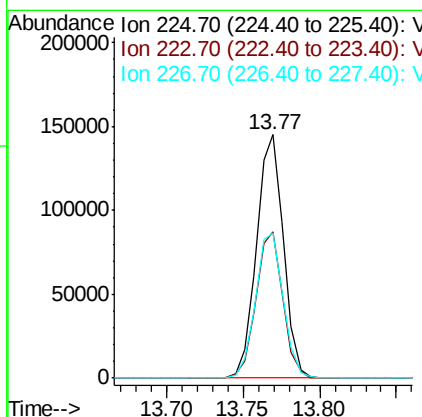
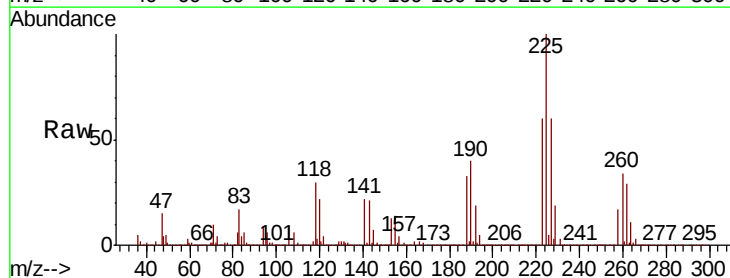
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0413WBSD01

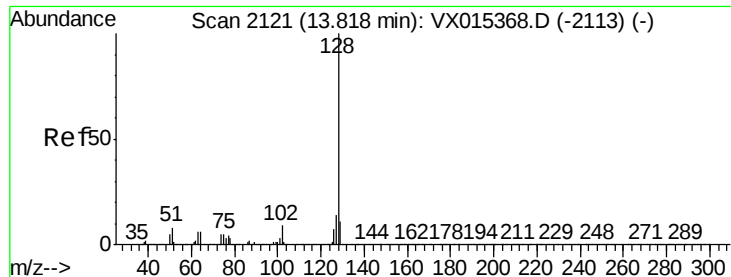
Tot Ion	Ratio	Lower	Upper
180	100		
182	97.8	46.9	140.7
145	29.6	14.9	44.5



#94
 Hexachlorobutadiene
 Concen: 18.795 ug/l
 RT: 13.77 min Scan# 2113
 Delta R.T. 0.00 min
 Lab File: VX015645.D
 Acq: 13 Apr 2020 16:26

Tgt Ion	Ratio	Lower	Upper
225	100		
223	59.9	31.9	95.7
227	61.4	30.4	91.3

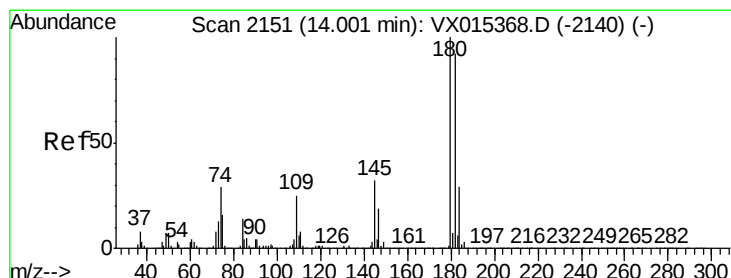
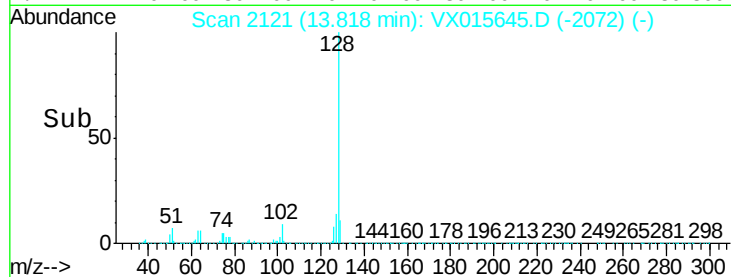
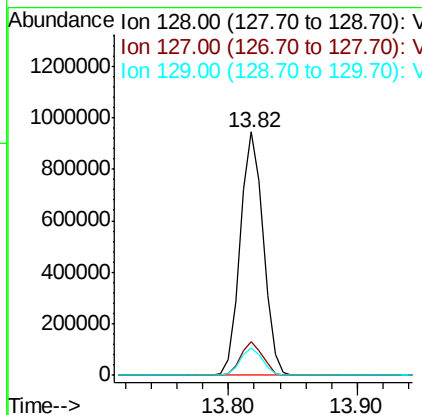
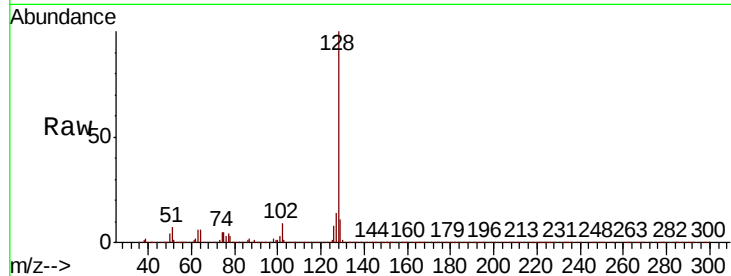




#95
Naphthalene
Concen: 19.296 ug/l
RT: 13.82 min Scan# 2121
Delta R.T. 0.00 min
Lab File: VX015645.D
Acq: 13 Apr 2020 16:26

Instrument :
MSVOA_X
ClientSampleId :
VX0413WBSD01

Tot Ion:128 Resp: 1166027
Ion Ratio Lower Upper
128 100
127 13.3 10.6 15.8
129 11.0 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 19.551 ug/l
RT: 14.00 min Scan# 2151
Delta R.T. 0.00 min
Lab File: VX015645.D
Acq: 13 Apr 2020 16:26

Tgt Ion:180 Resp: 372913
Ion Ratio Lower Upper
180 100
182 94.2 46.7 140.0
145 30.4 15.8 47.3

