

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX032720\
 Data File : VX015367.D
 Acq On : 26 Mar 2020 20:16
 Operator : JC/SP
 Sample : VSTDIC020
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

Quant Time: Mar 27 08:59:43 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X032720W.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 27 08:55:48 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	1144230	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	1792684	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	1607174	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	835567	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.04	65	316830	21.25	ug/l	0.00
Spiked Amount			Recovery	=	42.50%	
35) Dibromofluoromethane	5.47	113	233996	20.01	ug/l	0.00
Spiked Amount			Recovery	=	40.02%	
50) Toluene-d8	8.70	98	872527	20.51	ug/l	0.00
Spiked Amount			Recovery	=	41.02%	
62) 4-Bromofluorobenzene	11.12	95	348323	21.21	ug/l	0.00
Spiked Amount			Recovery	=	42.42%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.19	85	213896	17.867	ug/l	98
3) Chloromethane	1.31	50	241051	17.294	ug/l	99
4) Vinyl Chloride	1.39	62	229450	16.940	ug/l	99
5) Bromomethane	1.63	94	147536	28.194	ug/l	97
6) Chloroethane	1.71	64	138062	16.304	ug/l	99
7) Trichlorofluoromethane	1.92	101	314079	17.479	ug/l	100
8) Diethyl Ether	2.17	74	119183	15.407	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.37	101	208753	15.478	ug/l	98
10) Methyl Iodide	2.49	142	245827	16.291	ug/l	99
11) Tert butyl alcohol	3.01	59	352414	114.930	ug/l	98
12) 1,1-Dichloroethene	2.36	96	210332	14.862	ug/l	95
13) Acrolein	2.27	56	184718	68.370	ug/l	97
14) Allyl chloride	2.71	41	480941	21.223	ug/l	99
15) Acrylonitrile	3.12	53	699518	93.741	ug/l	99
16) Acetone	2.42	43	651296	102.375	ug/l	99
17) Carbon Disulfide	2.55	76	637746	16.666	ug/l	100
18) Methyl Acetate	2.75	43	331335	20.689	ug/l	100
19) Methyl tert-butyl Ether	3.17	73	797760	18.568	ug/l	99
20) Methylene Chloride	2.84	84	242124	14.444	ug/l	97
21) trans-1,2-Dichloroethene	3.14	96	228160	14.814	ug/l	98
22) Diisopropyl ether	3.83	45	869323	19.485	ug/l	96
23) Vinyl Acetate	3.79	43	3992730	109.184	ug/l	99
24) 1,1-Dichloroethane	3.67	63	447492	16.895	ug/l	99
25) 2-Butanone	4.64	43	1052402	108.413	ug/l	97
26) 2,2-Dichloropropane	4.55	77	369614	17.911	ug/l	99
27) cis-1,2-Dichloroethene	4.56	96	258247	15.175	ug/l	97
28) Bromochloromethane	4.98	49	214103	19.087	ug/l	97
29) Tetrahydrofuran	5.09	42	682162	108.342	ug/l	99
30) Chloroform	5.18	83	430396	16.123	ug/l	96
31) Cyclohexane	5.55	56	417026	20.276	ug/l	94
32) 1,1,1-Trichloroethane	5.47	97	398606	18.249	ug/l	99
36) 1,1-Dichloropropene	5.78	75	327039	19.631	ug/l	100
37) Ethyl Acetate	4.80	43	408803	24.480	ug/l	99
38) Carbon Tetrachloride	5.76	117	357015	22.284	ug/l	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	397673	20.555	ug/l	98
40) Benzene	6.12	78	945937	18.518	ug/l	100
41) Methacrylonitrile	5.00	41	234293	25.866	ug/l	98
42) 1,2-Dichloroethane	6.17	62	378505	23.059	ug/l	99
43) Isopropyl Acetate	6.42	43	710074	27.448	ug/l	100
44) Trichloroethene	7.20	130	256876	18.353	ug/l	93
45) 1,2-Dichloropropane	7.50	63	254129	20.600	ug/l	97
46) Dibromomethane	7.64	93	164732	19.094	ug/l	99
47) Bromodichloromethane	7.88	83	359833	21.835	ug/l	99
48) Methyl methacrylate	7.75	41	350679	28.222	ug/l	98
49) 1,4-Dioxane	7.72	88	132272	418.317	ug/l	99
51) 4-Methyl-2-Pentanone	8.62	43	2076889	132.723	ug/l	99
52) Toluene	8.77	92	590690	18.867	ug/l	99
53) t-1,3-Dichloropropene	9.03	75	416525	23.268	ug/l	99
54) cis-1,3-Dichloropropene	8.42	75	429646	21.610	ug/l	98
55) 1,1,2-Trichloroethane	9.20	97	239179	17.848	ug/l	98
56) Ethyl methacrylate	9.16	69	408816	22.437	ug/l	98
57) 1,3-Dichloropropane	9.35	76	414414	18.632	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	956188	93.910	ug/l	100
59) 2-Hexanone	9.48	43	1559956	133.563	ug/l	100
60) Dibromochloromethane	9.57	129	284880	21.157	ug/l	97
61) 1,2-Dibromoethane	9.65	107	253173	18.462	ug/l	99
64) Tetrachloroethene	9.32	164	249812	21.605	ug/l	98
65) Chlorobenzene	10.12	112	642184	19.185	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.21	131	247818	20.003	ug/l	98
67) Ethyl Benzene	10.24	91	1150573	20.209	ug/l	100
68) m/p-Xylenes	10.34	106	859764	39.874	ug/l	99
69) o-Xylene	10.68	106	415919	19.844	ug/l	97
70) Styrene	10.70	104	723529	20.657	ug/l	100
71) Bromoform	10.84	173	228952	26.727	ug/l #	99
73) Isopropylbenzene	11.01	105	1122567	18.433	ug/l	100
74) N-amyl acetate	10.88	43	595550	25.785	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.25	83	366994	18.843	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	455563	25.905	ug/l	83
77) Bromobenzene	11.24	156	288751	19.775	ug/l	100
78) n-propylbenzene	11.35	91	1279024	18.697	ug/l	99
79) 2-Chlorotoluene	11.41	91	765580	18.383	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	956819	19.449	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.06	75	139620	21.211	ug/l	100
82) 4-Chlorotoluene	11.49	91	906140	19.164	ug/l	99
83) tert-Butylbenzene	11.76	119	937743	19.416	ug/l	98
84) 1,2,4-Trimethylbenzene	11.79	105	959034	18.860	ug/l	99
85) sec-Butylbenzene	11.93	105	1095758	19.153	ug/l	99
86) p-Isopropyltoluene	12.05	119	1016817	19.790	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	516677	18.877	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	515477	17.970	ug/l	97
89) n-Butylbenzene	12.37	91	903331	18.689	ug/l	99
90) Hexachloroethane	12.58	117	188251	18.655	ug/l	99
91) 1,2-Dichlorobenzene	12.38	146	504686	18.400	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	96707	22.138	ug/l	98

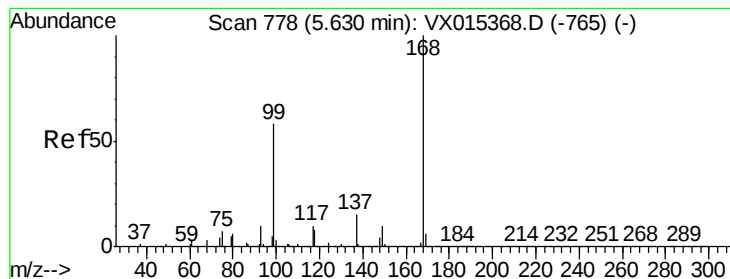
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	385114	22.463	ug/l	98
94) Hexachlorobutadiene	13.77	225	188521	26.177	ug/l	97
95) Naphthalene	13.82	128	1207788	21.676	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	376608	22.362	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: VX015367.D

Acq: 26 Mar 2020 20:16

Instrument :

MSVOA_X

ClientSampleId :

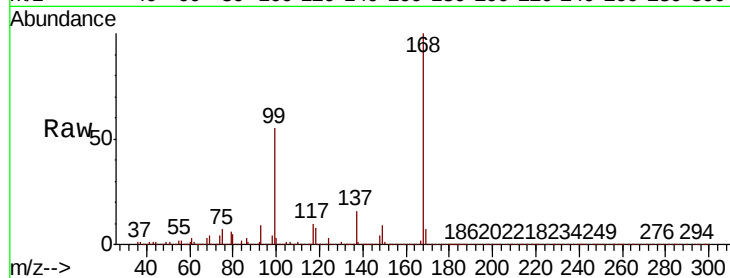
VSTDIC020

Tot Ion:168 Resp: 1144230

Ion Ratio Lower Upper

168 100

99 55.3 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

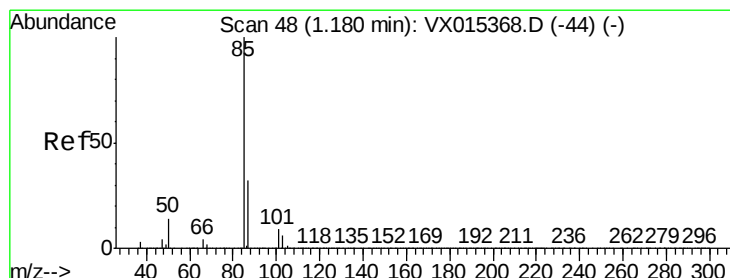
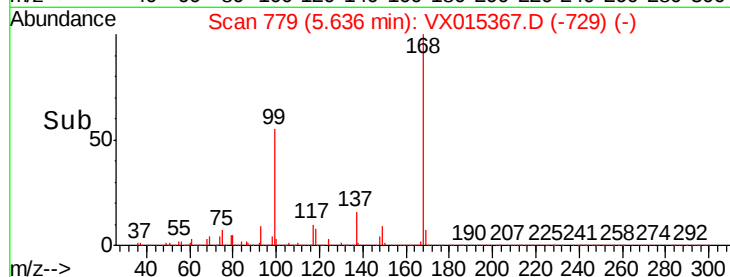
200000

100000

0

5.50 5.60 5.70 5.80 5.90

Time-->



#2

Dichlorodifluoromethane

Concen: 17.867 ug/l

RT: 1.19 min Scan# 49

Delta R.T. 0.01 min

Lab File: VX015367.D

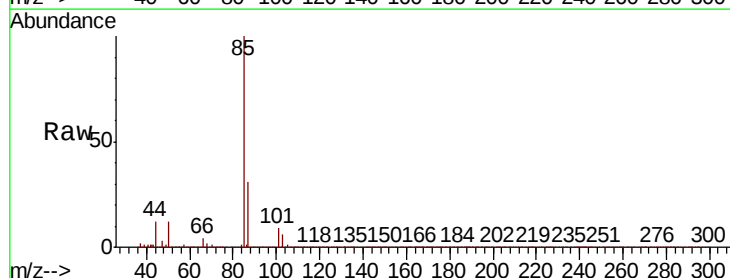
Acq: 26 Mar 2020 20:16

Tgt Ion: 85 Resp: 213896

Ion Ratio Lower Upper

85 100

87 30.7 16.0 47.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.19

250000

200000

150000

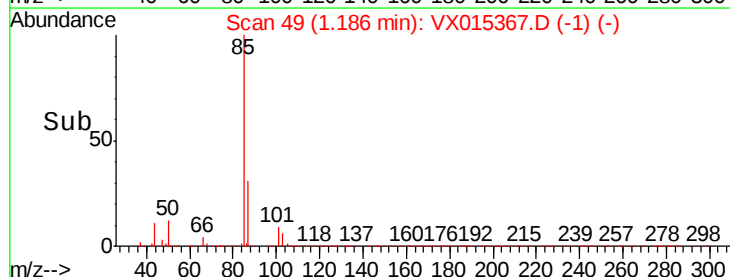
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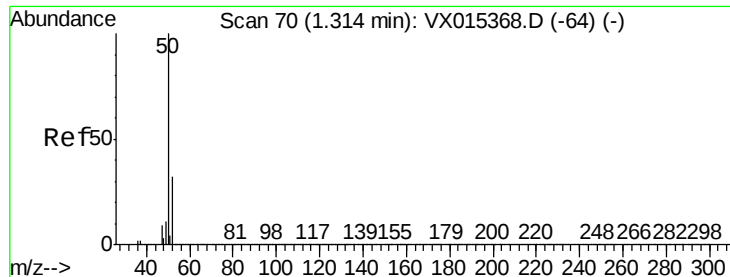
50000

0

1.10 1.15 1.20 1.25

Time-->

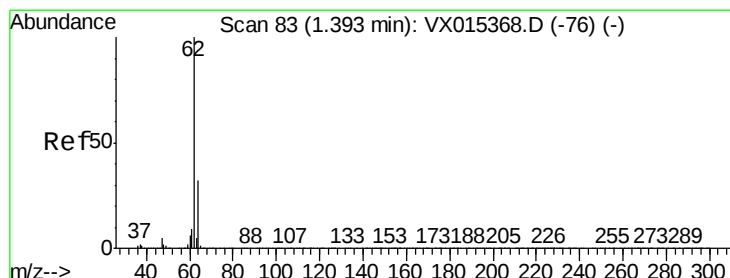
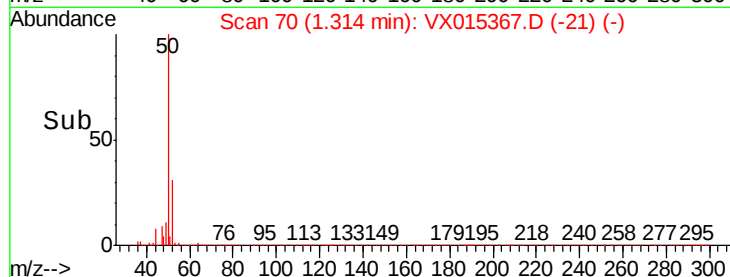
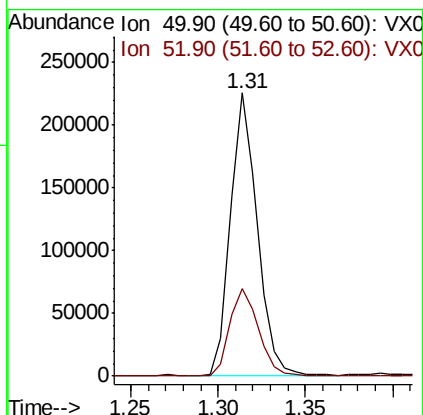
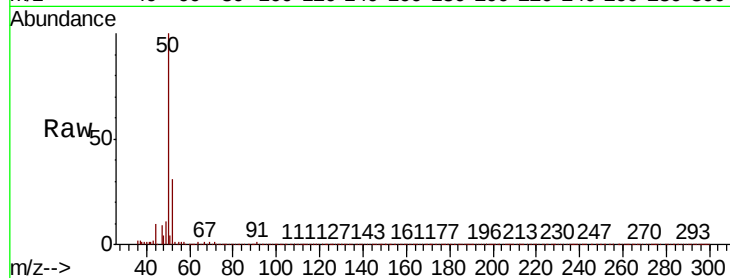




#3
Chloromethane
Concen: 17.294 ug/l
RT: 1.31 min Scan# 70
Delta R.T. -0.00 min
Lab File: VX015367.D
Acq: 26 Mar 2020 20:16

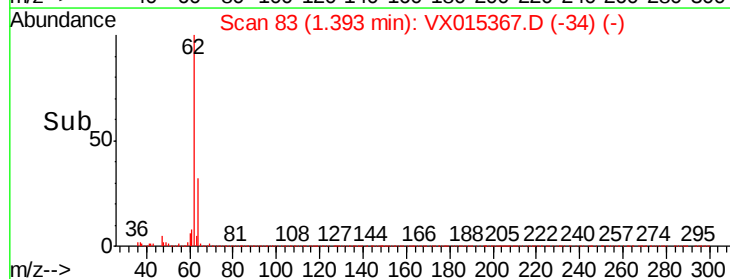
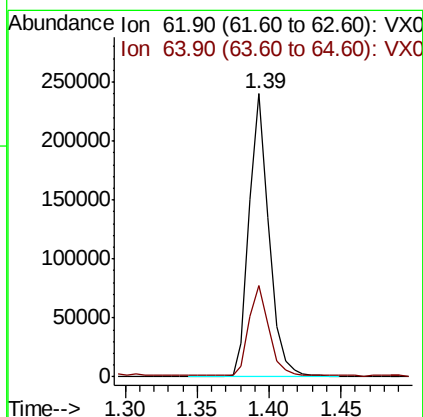
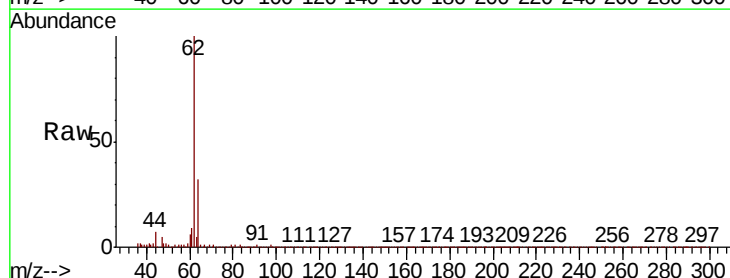
Instrument :
MSVOA_X
ClientSampleId :
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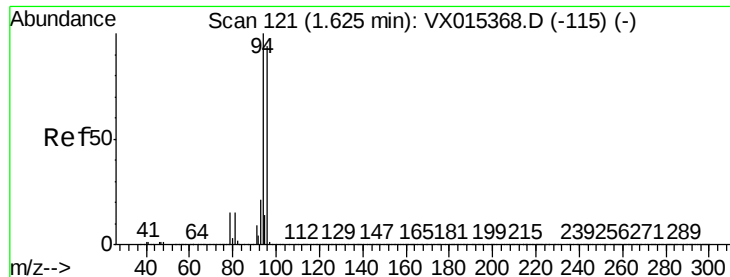
Tot Ion: 50 Resp: 241051
Ion Ratio Lower Upper
50 100
52 30.9 25.3 37.9



#4
Vinyl Chloride
Concen: 16.940 ug/l
RT: 1.39 min Scan# 83
Delta R.T. -0.00 min
Lab File: VX015367.D
Acq: 26 Mar 2020 20:16

Tgt Ion: 62 Resp: 229450
Ion Ratio Lower Upper
62 100
64 31.9 26.0 39.0





#5

Bromomethane

Concen: 28.194 ug/l

RT: 1.63 min Scan# 122

Delta R.T. 0.01 min

Lab File: VX015367.D

Acq: 26 Mar 2020 20:16

Instrument :

MSVOA_X

ClientSampleId :

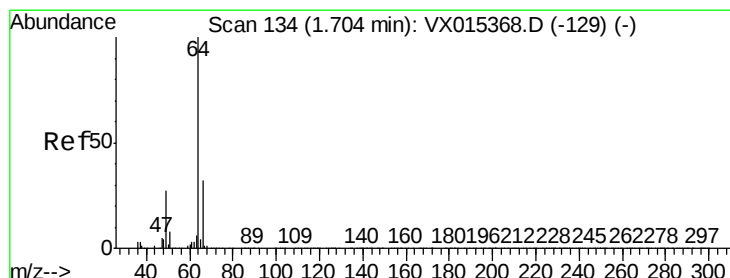
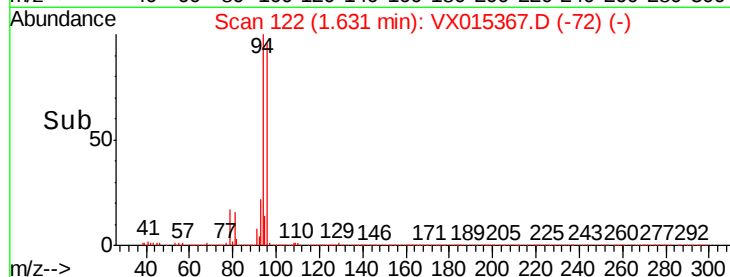
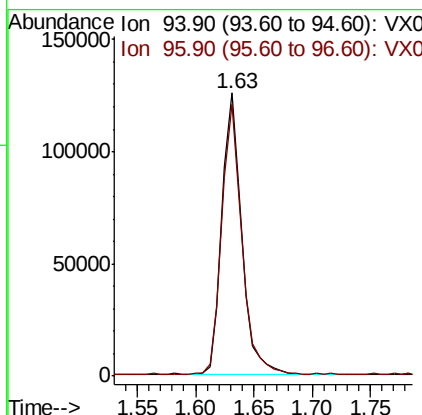
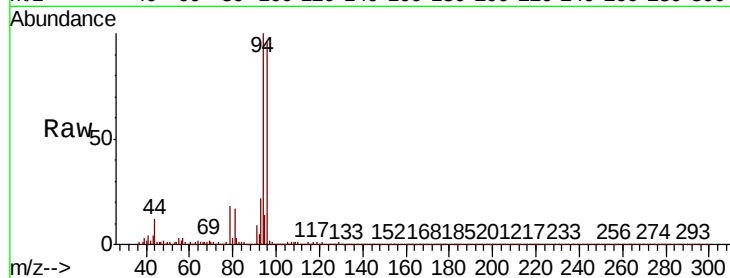
VSTDIC020

Tot Ion: 94 Resp: 147536

Ion Ratio Lower Upper

94 100

96 96.0 74.8 112.2



#6

Chloroethane

Concen: 16.304 ug/l

RT: 1.71 min Scan# 135

Delta R.T. 0.01 min

Lab File: VX015367.D

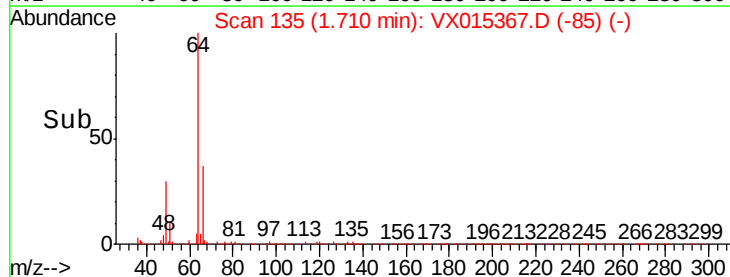
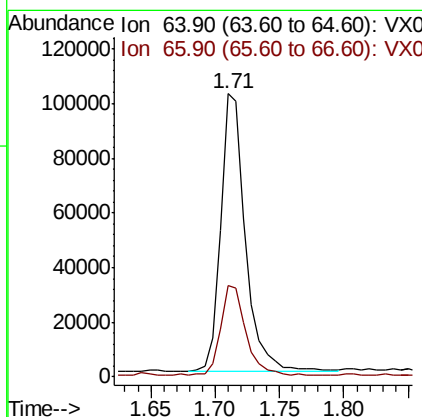
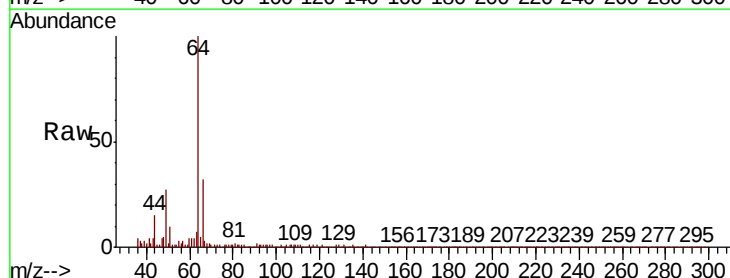
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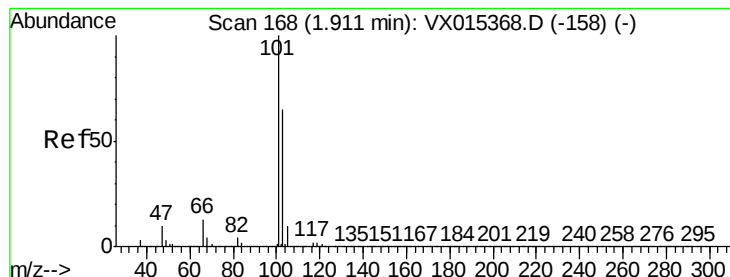
Tgt Ion: 64 Resp: 138062

Ion Ratio Lower Upper

64 100

66 32.1 25.4 38.2



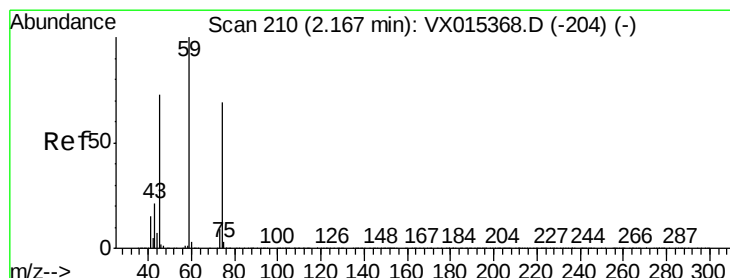
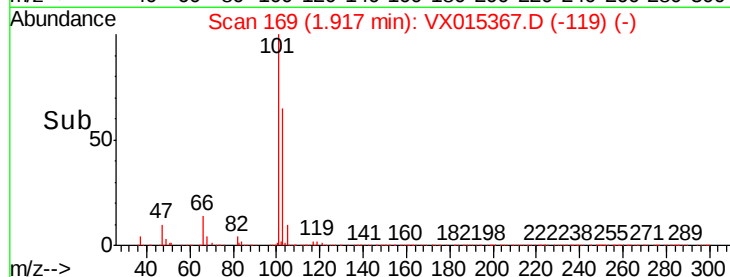
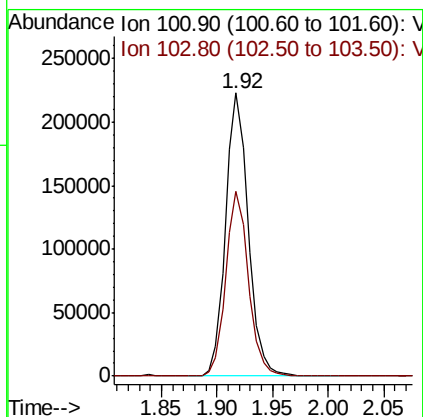
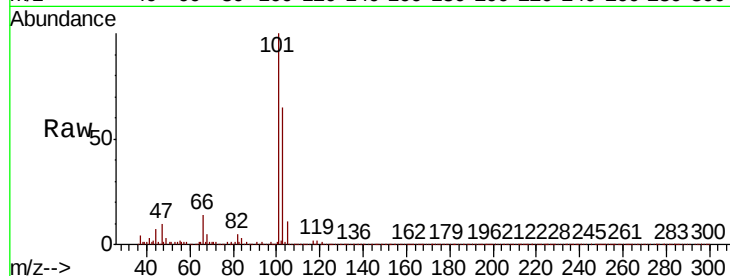


#7

Trichlorofluoromethane
Concen: 17.479 ug/l
RT: 1.92 min Scan# 169
Delta R.T. 0.01 min
Lab File: VX015367.D
Acq: 26 Mar 2020 20:16

Instrument :
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VSTDIC020

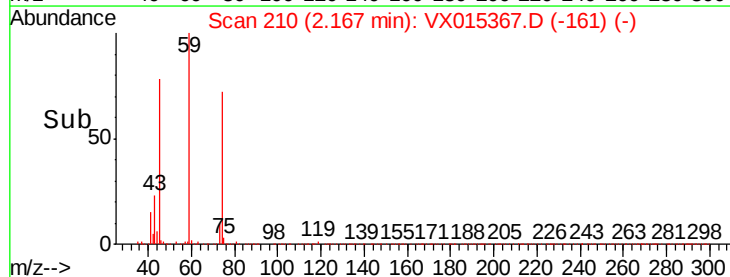
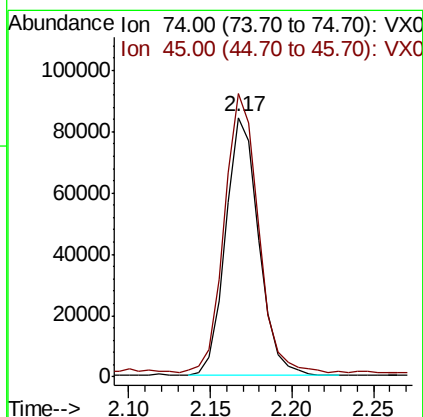
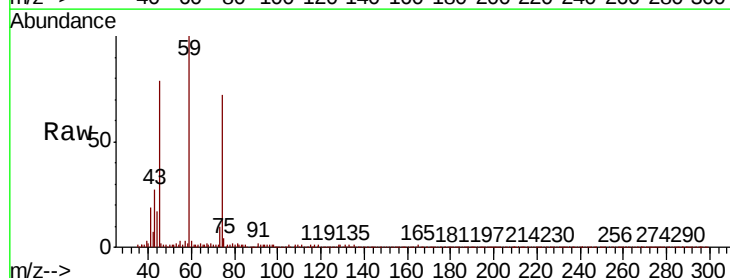
Tot Ion:101 Resp: 314079
Ion Ratio Lower Upper
101 100
103 65.3 52.3 78.5

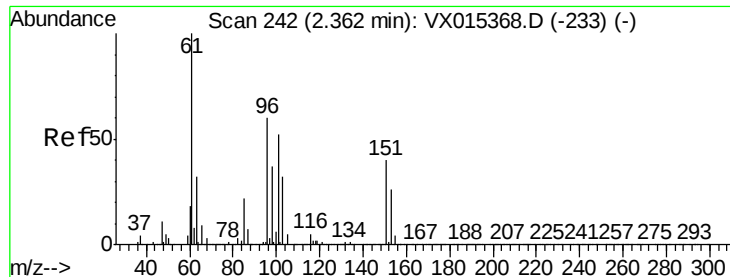


#8

Diethyl Ether
Concen: 15.407 ug/l
RT: 2.17 min Scan# 210
Delta R.T. -0.00 min
Lab File: VX015367.D
Acq: 26 Mar 2020 20:16

Tgt Ion: 74 Resp: 119183
Ion Ratio Lower Upper
74 100
45 109.3 53.8 161.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 15.478 ug/l

RT: 2.37 min Scan# 243

Delta R.T. 0.01 min

Lab File: VX015367.D

Acq: 26 Mar 2020 20:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

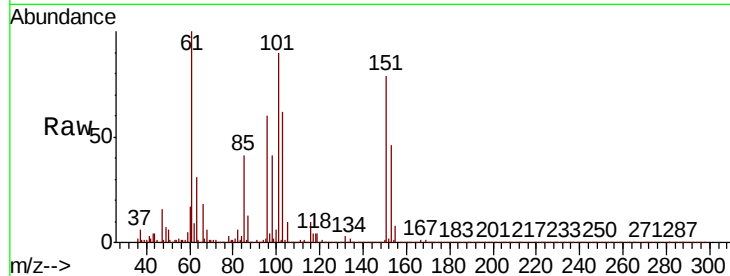
Tot Ion:101 Resp: 208753

Ion Ratio Lower Upper

101 100

85 45.1 35.0 52.4

151 81.4 64.1 96.1

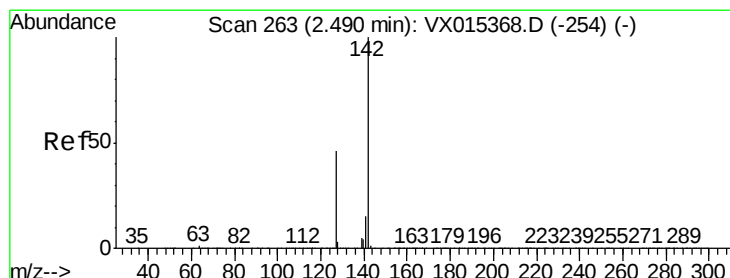
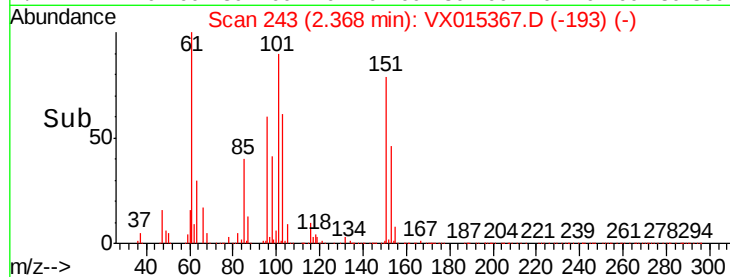
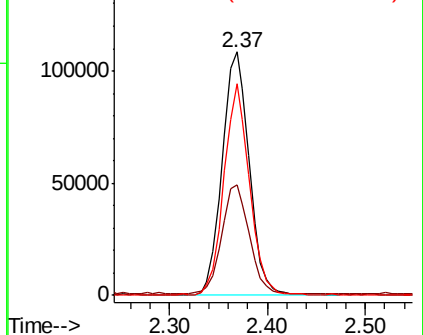


Abundance

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: 16.291 ug/l

RT: 2.49 min Scan# 263

Delta R.T. -0.00 min

Lab File: VX015367.D

Acq: 26 Mar 2020 20:16

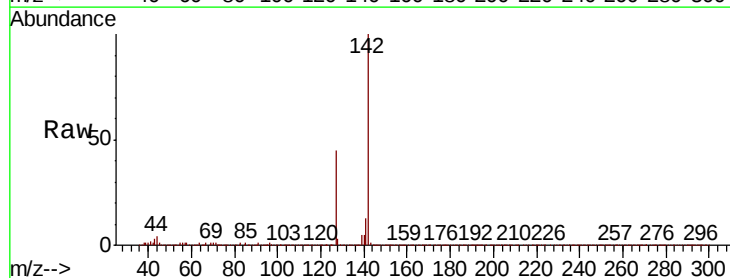
Tgt Ion:142 Resp: 245827

Ion Ratio Lower Upper

142 100

127 44.3 35.9 53.9

141 14.1 11.6 17.4

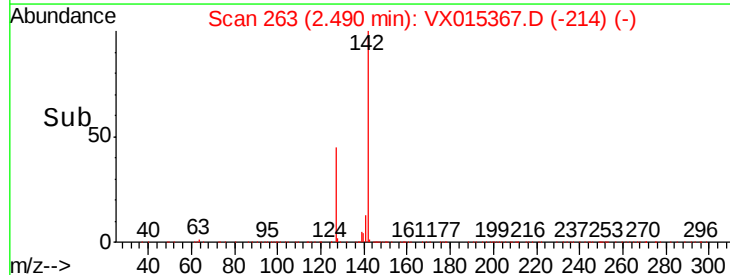
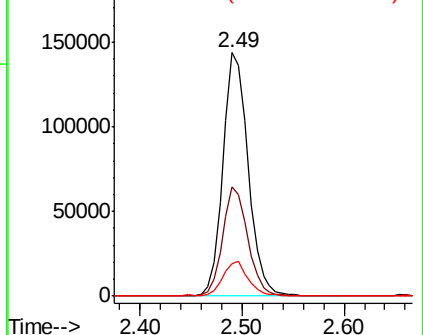


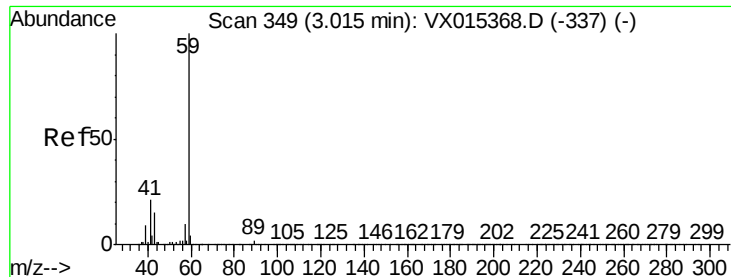
Abundance

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

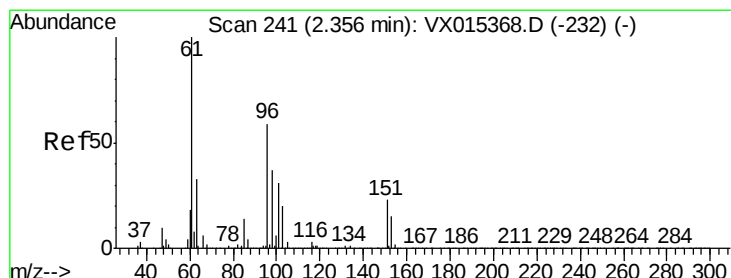
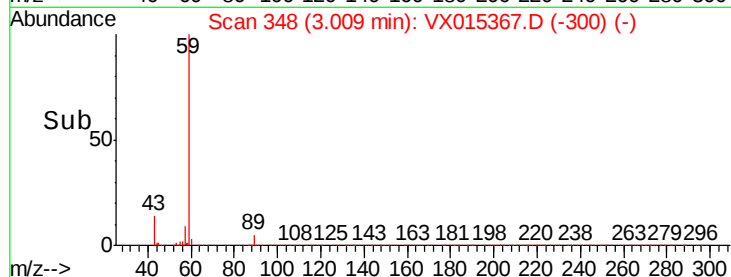
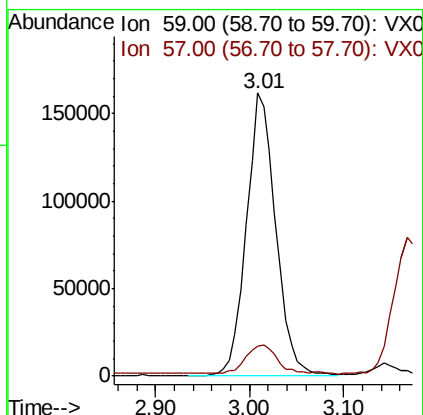
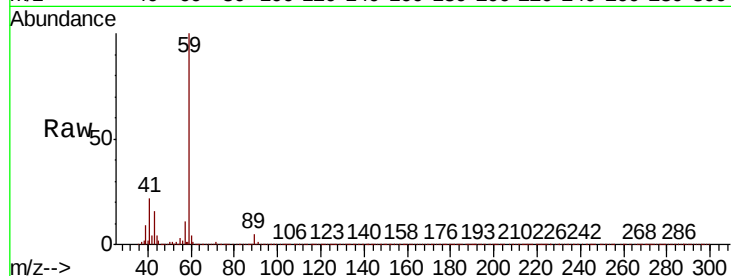




#11
Tert butyl alcohol
Concen: 114.930 ug/l
RT: 3.01 min Scan# 348
Delta R.T. -0.01 min
Lab File: VX015367.D
Acq: 26 Mar 2020 20:16

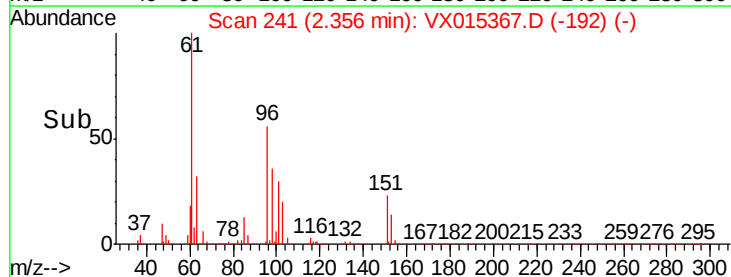
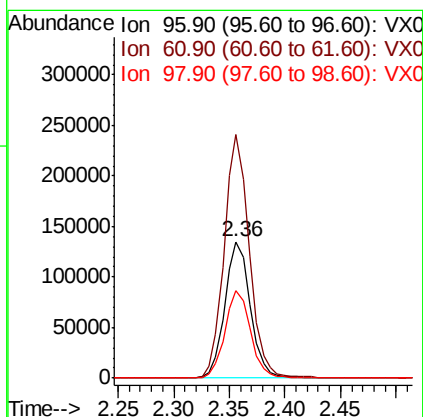
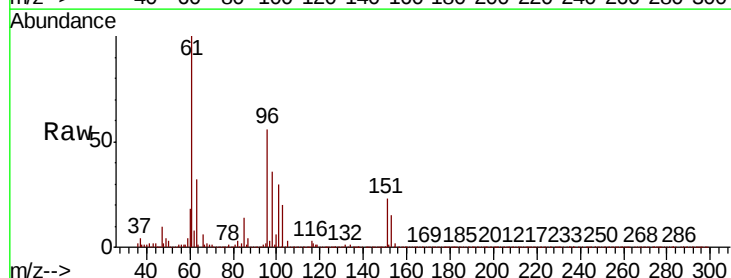
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

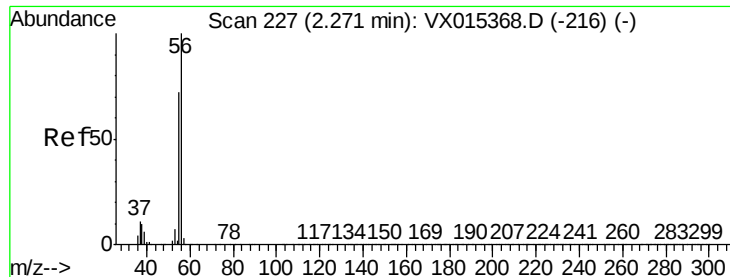
Tot Ion: 59 Resp: 352414
Ion Ratio Lower Upper
59 100
57 10.8 8.1 12.1



#12
1,1-Dichloroethene
Concen: 14.862 ug/l
RT: 2.36 min Scan# 241
Delta R.T. -0.00 min
Lab File: VX015367.D
Acq: 26 Mar 2020 20:16

Tgt Ion: 96 Resp: 210332
Ion Ratio Lower Upper
96 100
61 178.6 135.7 203.5
98 64.1 50.6 75.8





#13

Acrolein

Concen: 68.370 ug/l

RT: 2.27 min Scan# 227

Delta R.T. -0.00 min

Lab File: VX015367.D

Acq: 26 Mar 2020 20:16

Instrument :

MSVOA_X

ClientSampleId :

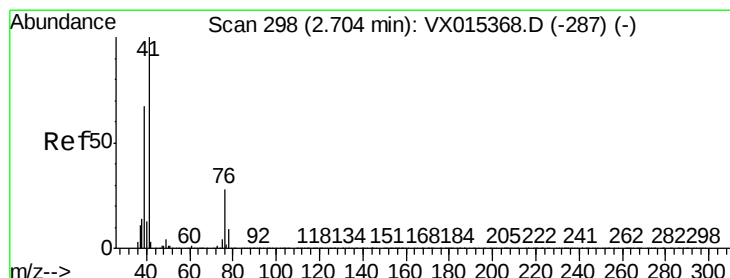
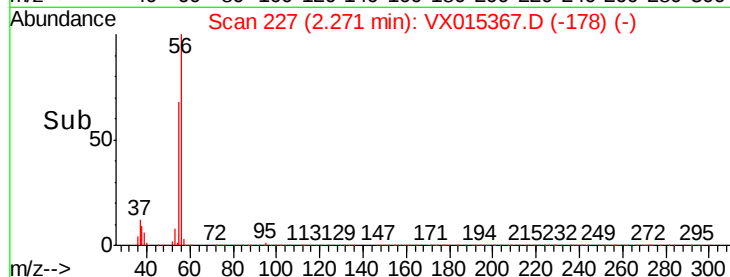
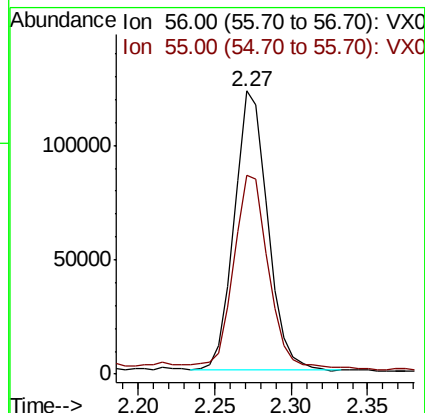
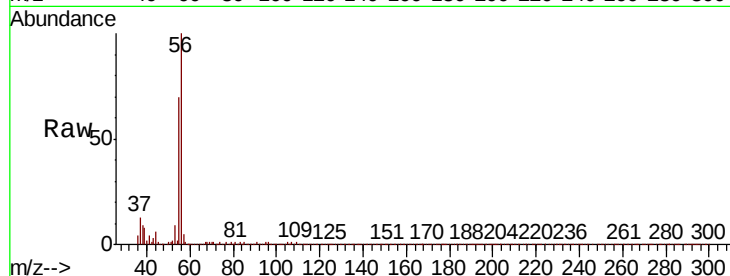
VSTDIC020

Tot Ion: 56 Resp: 184718

Ion Ratio Lower Upper

56 100

55 73.6 57.0 85.4



#14

Allyl chloride

Concen: 21.223 ug/l

RT: 2.71 min Scan# 299

Delta R.T. 0.01 min

Lab File: VX015367.D

Acq: 26 Mar 2020 20:16

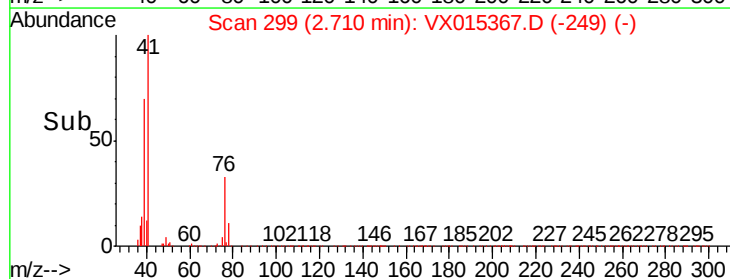
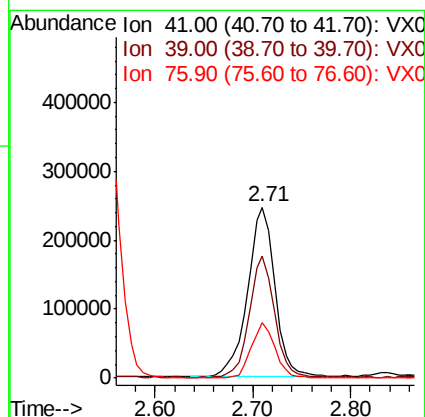
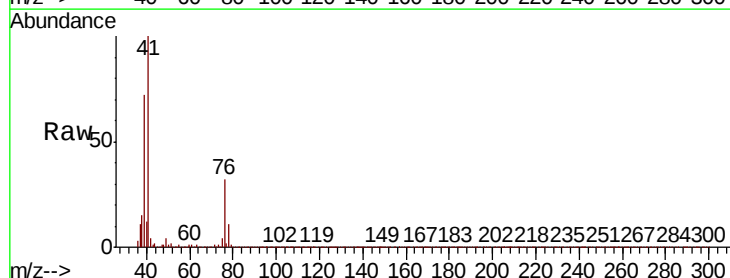
Tgt Ion: 41 Resp: 480941

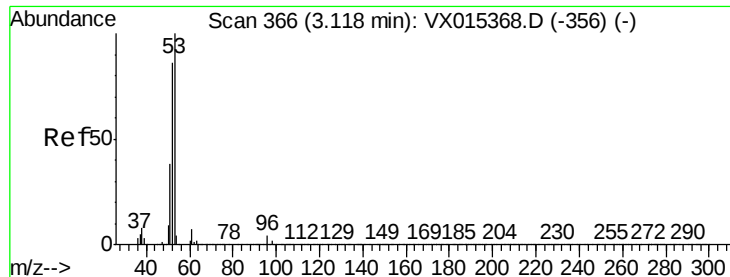
Ion Ratio Lower Upper

41 100

39 64.9 51.4 77.0

76 27.7 21.8 32.8





#15

Acrylonitrile

Concen: 93.741 ug/l

RT: 3.12 min Scan# 366

Delta R.T. -0.00 min

Lab File: VX015367.D

Acq: 26 Mar 2020 20:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

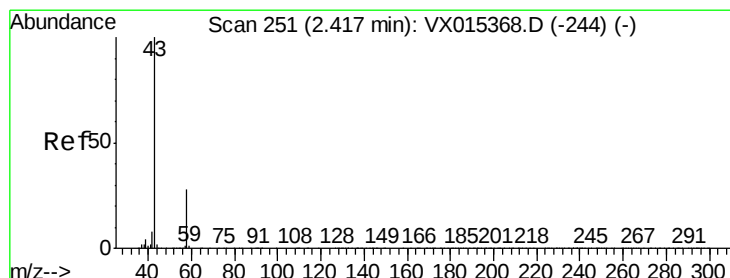
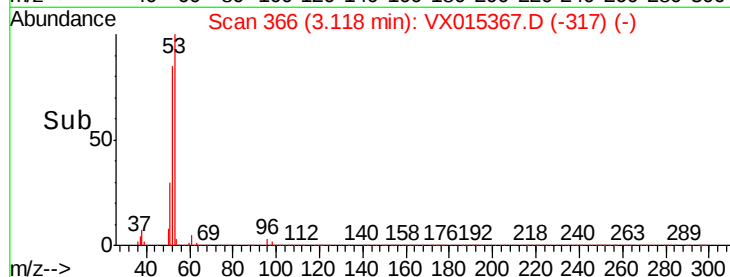
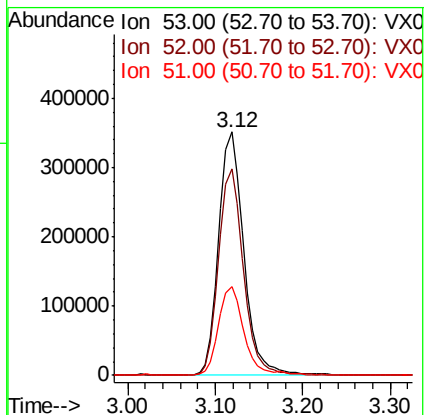
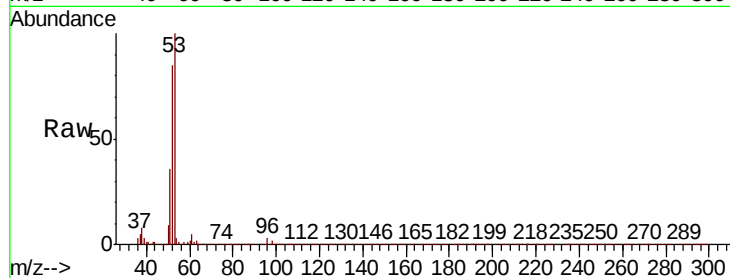
Tot Ion: 53 Resp: 699518

Ion Ratio Lower Upper

53 100

52 84.5 66.8 100.2

51 36.9 29.5 44.3



#16

Acetone

Concen: 102.375 ug/l

RT: 2.42 min Scan# 251

Delta R.T. -0.00 min

Lab File: VX015367.D

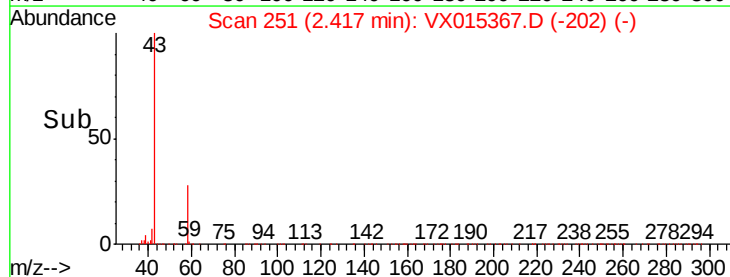
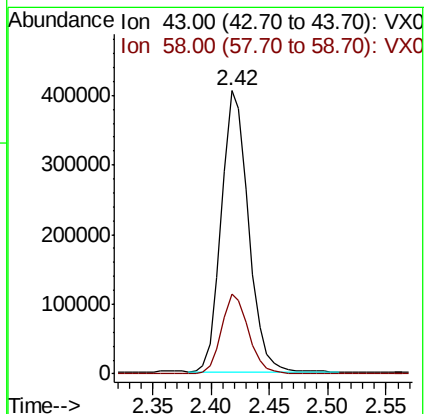
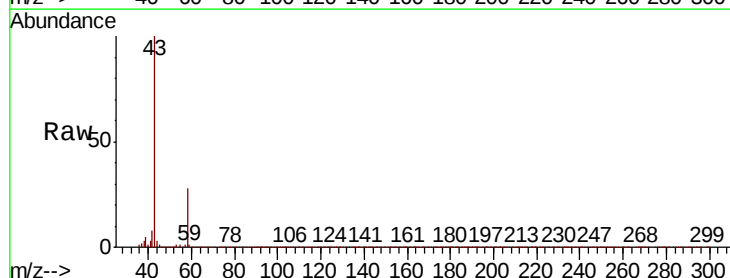
Acq: 26 Mar 2020 20:16

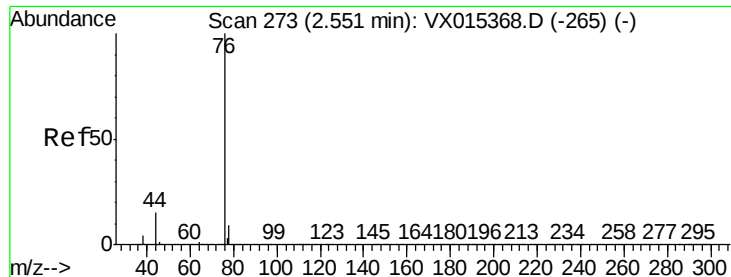
Tgt Ion: 43 Resp: 651296

Ion Ratio Lower Upper

43 100

58 28.2 22.1 33.1





#17

Carbon Disulfide

Concen: 16.666 ug/l

RT: 2.55 min Scan# 273

Delta R.T. -0.00 min

Lab File: VX015367.D

Acq: 26 Mar 2020 20:16

Instrument :

MSVOA_X

ClientSampleId :

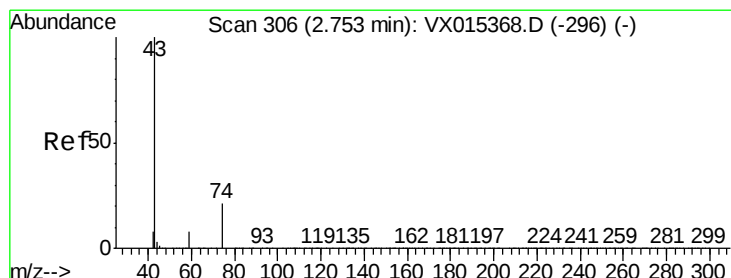
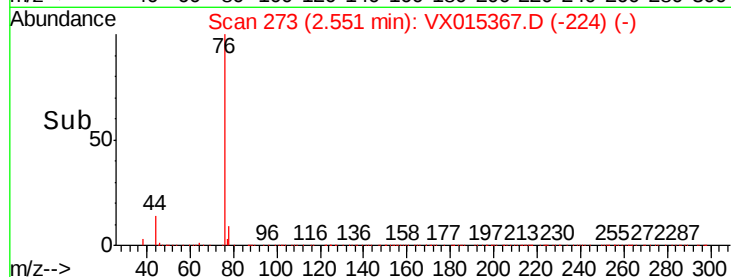
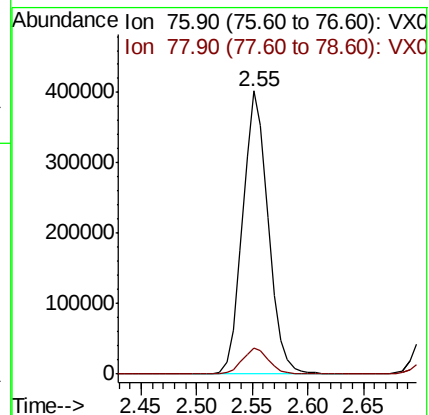
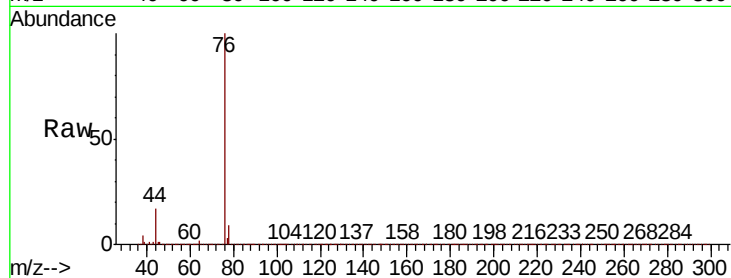
VSTDIC020

Tot Ion: 76 Resp: 637746

Ion Ratio Lower Upper

76 100

78 9.0 7.1 10.7



#18

Methyl Acetate

Concen: 20.689 ug/l

RT: 2.75 min Scan# 306

Delta R.T. -0.00 min

Lab File: VX015367.D

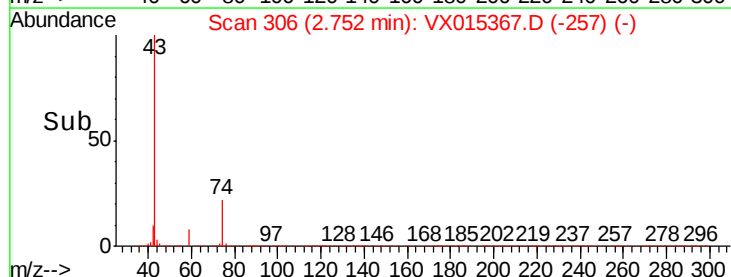
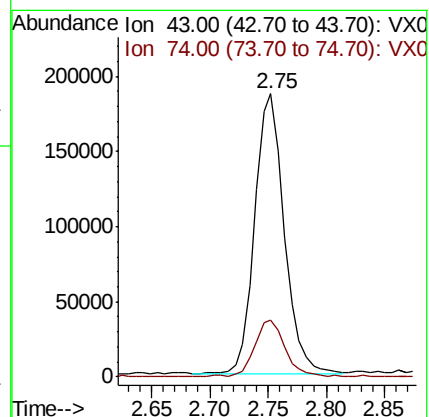
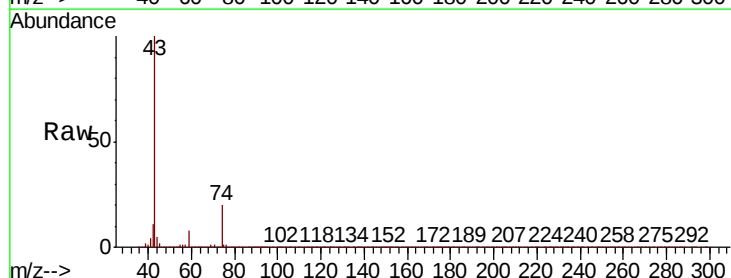
Acq: 26 Mar 2020 20:16

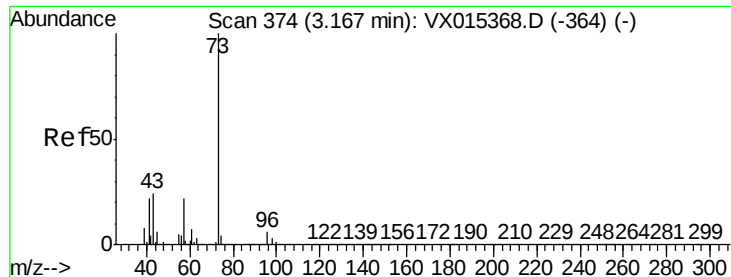
Tgt Ion: 43 Resp: 331335

Ion Ratio Lower Upper

43 100

74 20.7 16.5 24.7



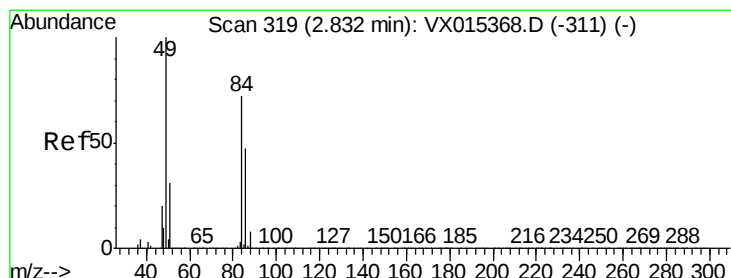
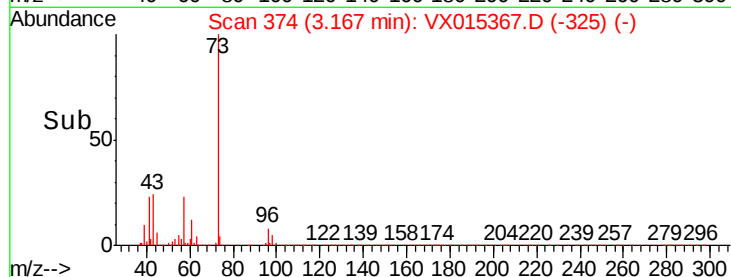
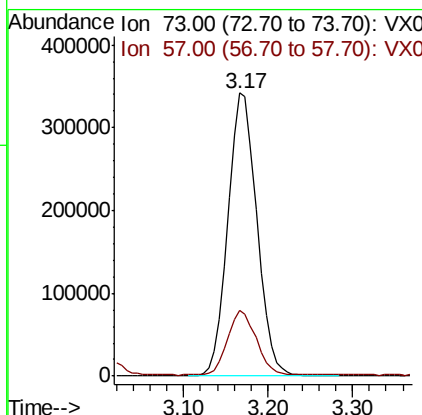
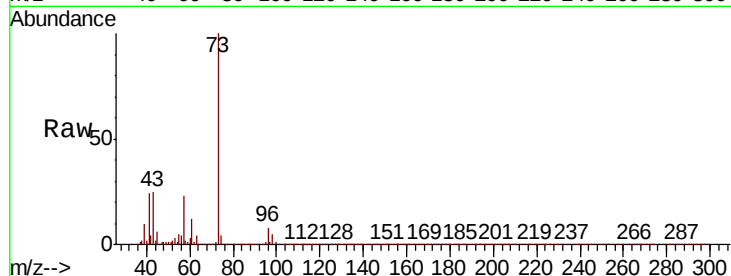


#19

Methyl tert-butyl Ether
Concen: 18.568 ug/l
RT: 3.17 min Scan# 374
Delta R.T. -0.00 min
Lab File: VX015367.D
Acq: 26 Mar 2020 20:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

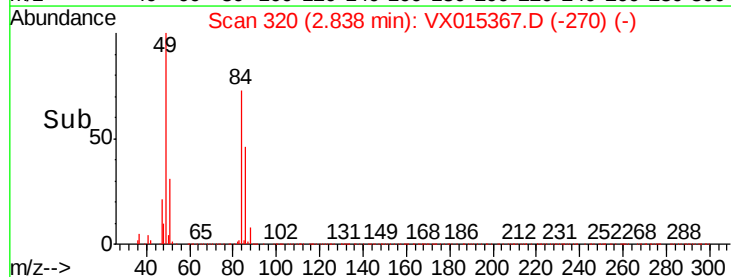
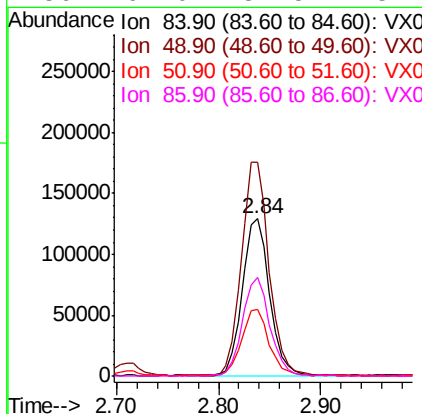
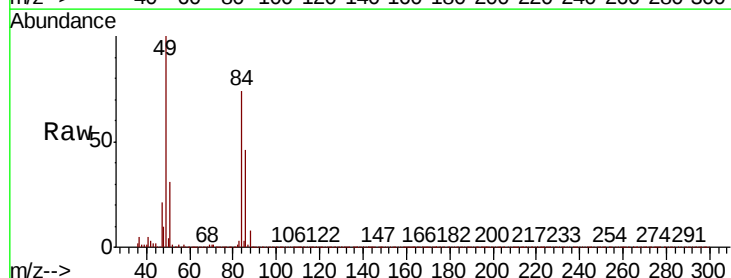
Tot Ion: 73 Resp: 797760
Ion Ratio Lower Upper
73 100
57 22.8 17.9 26.9

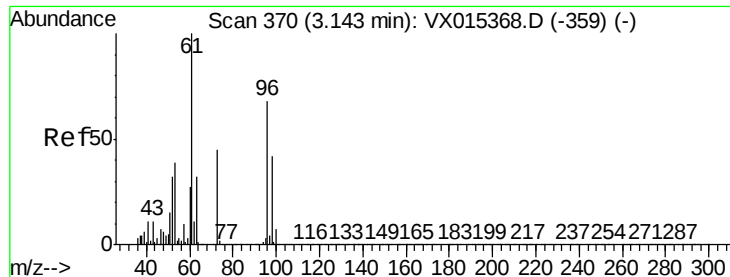


#20

Methylene Chloride
Concen: 14.444 ug/l
RT: 2.84 min Scan# 320
Delta R.T. 0.01 min
Lab File: VX015367.D
Acq: 26 Mar 2020 20:16

Tgt Ion: 84 Resp: 242124
Ion Ratio Lower Upper
84 100
49 135.4 111.3 166.9
51 41.6 34.0 51.0
86 62.0 52.5 78.7





#21

trans-1,2-Dichloroethene

Concen: 14.814 ug/l

RT: 3.14 min Scan# 370

Delta R.T. -0.00 min

Lab File: VX015367.D

Acq: 26 Mar 2020 20:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

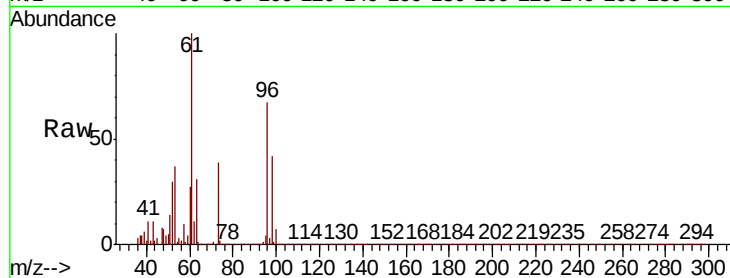
Tot Ion: 96 Resp: 228160

Ion Ratio Lower Upper

96 100

61 147.9 116.9 175.3

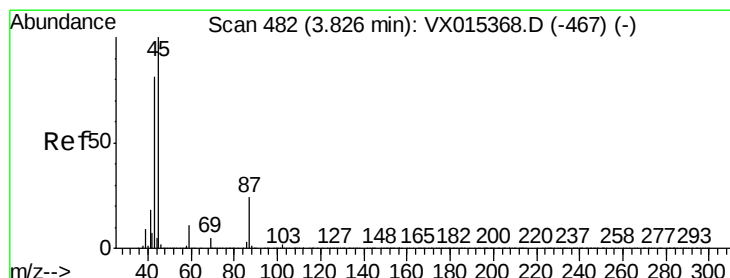
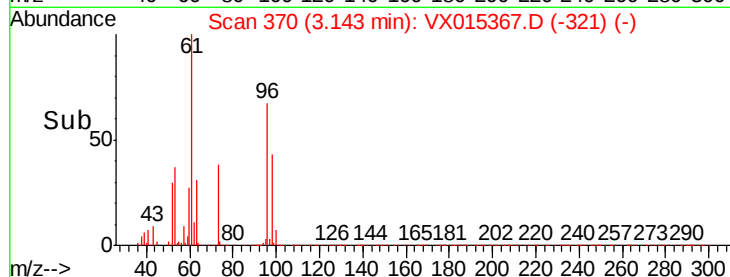
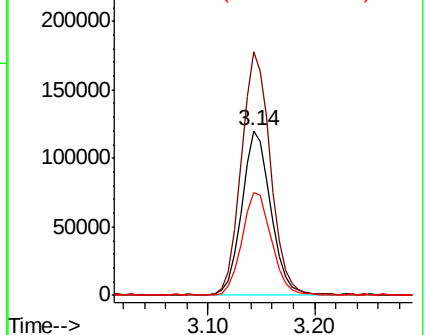
98 62.7 48.6 73.0



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: 19.485 ug/l

RT: 3.83 min Scan# 482

Delta R.T. -0.00 min

Lab File: VX015367.D

Acq: 26 Mar 2020 20:16

Tgt Ion: 45 Resp: 869323

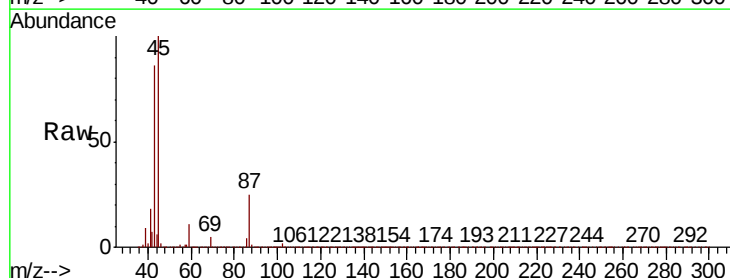
Ion Ratio Lower Upper

45 100

43 85.2 64.7 97.1

87 24.8 19.4 29.0

59 11.1 8.7 13.1

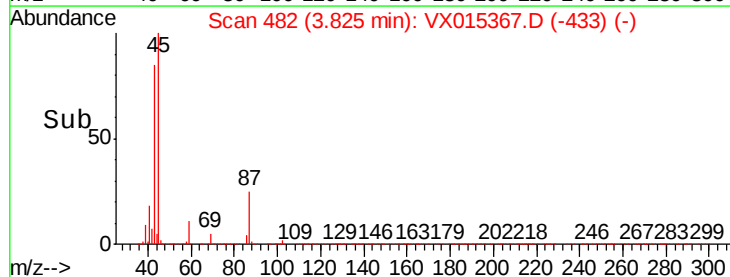
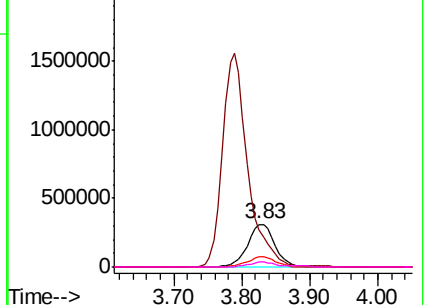


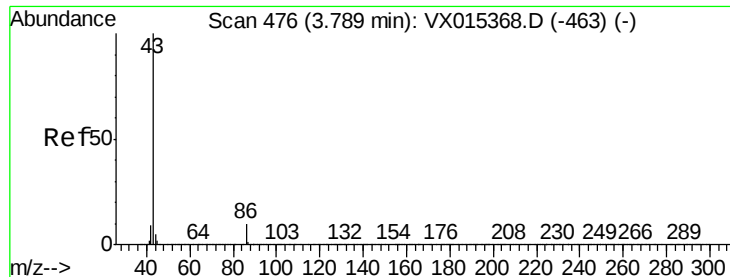
Abundance Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 109.184 ug/l

RT: 3.79 min Scan# 476

Delta R.T. -0.00 min

Lab File: VX015367.D

Acq: 26 Mar 2020 20:16

Instrument :

MSVOA_X

ClientSampleId :

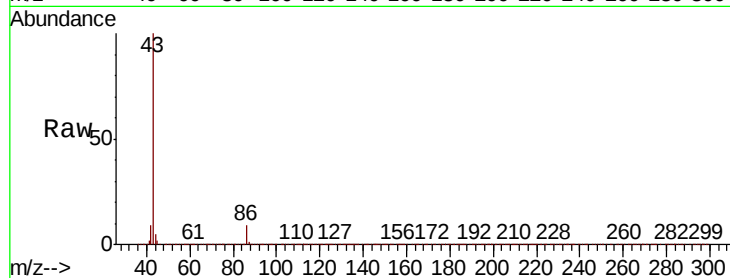
VSTDIC020

Tot Ion: 43 Resp: 3992730

Ion Ratio Lower Upper

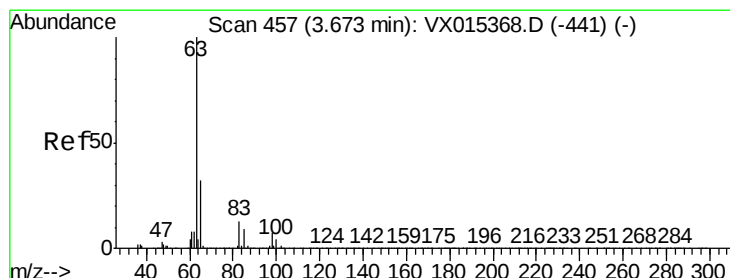
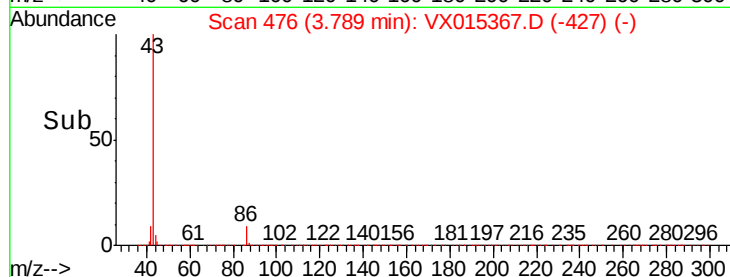
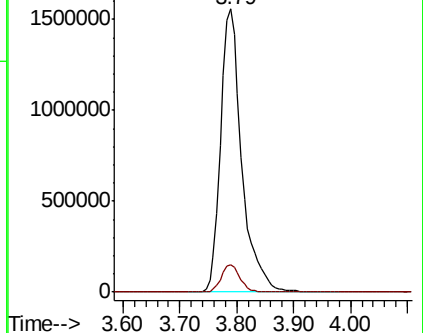
43 100

86 9.5 7.8 11.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 16.895 ug/l

RT: 3.67 min Scan# 457

Delta R.T. -0.00 min

Lab File: VX015367.D

Acq: 26 Mar 2020 20:16

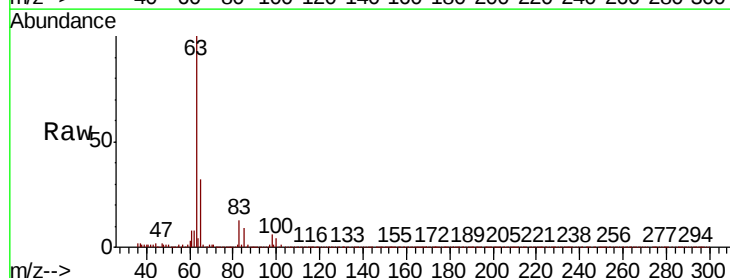
Tgt Ion: 63 Resp: 447492

Ion Ratio Lower Upper

63 100

98 6.2 3.3 9.8

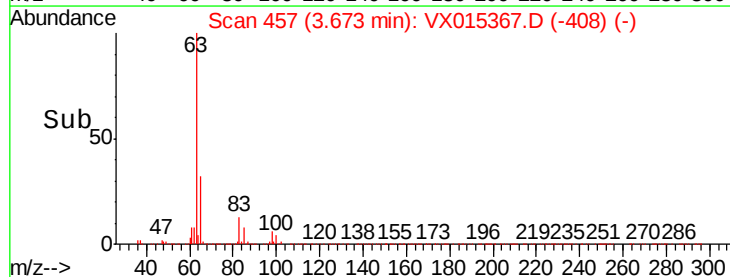
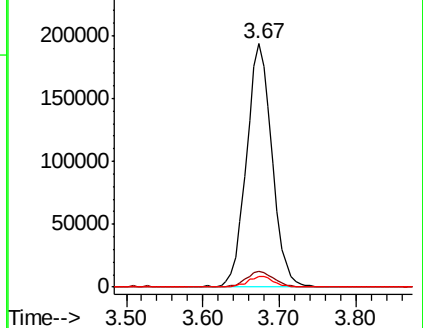
100 4.3 2.1 6.5

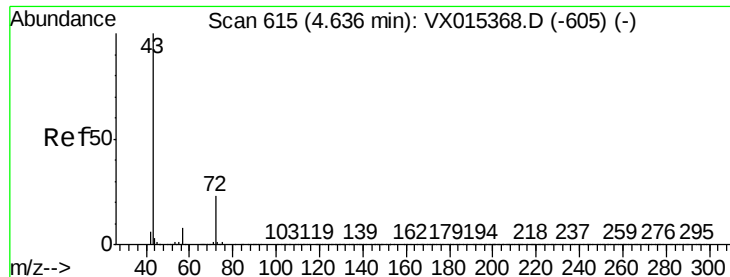


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0

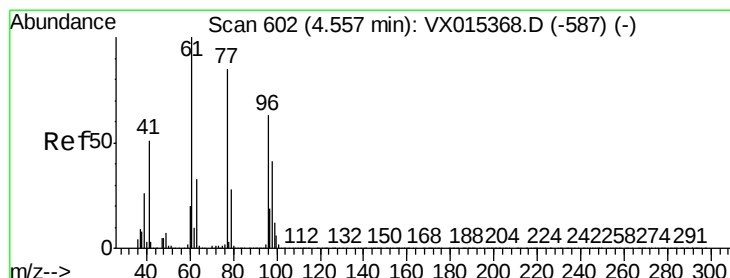
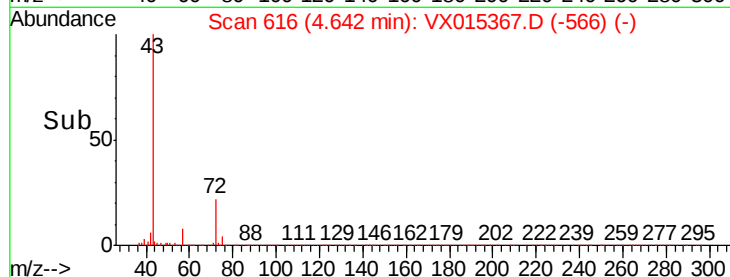
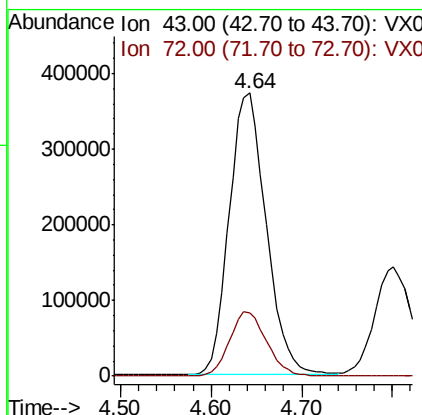
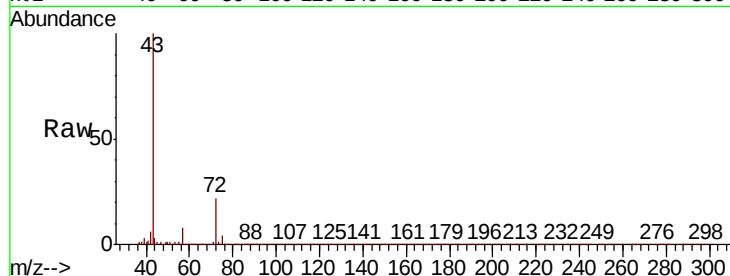




#25
2-Butanone
Concen: 108.413 ug/l
RT: 4.64 min Scan# 616
Delta R.T. 0.01 min
Lab File: VX015367.D
Acq: 26 Mar 2020 20:16

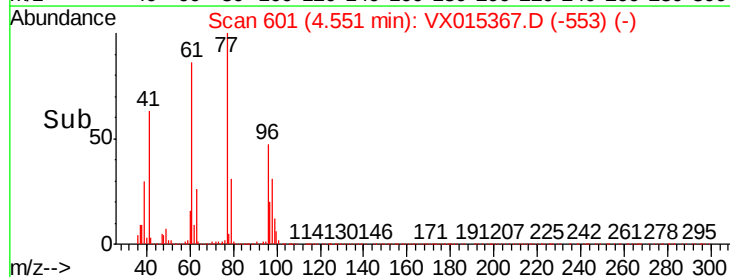
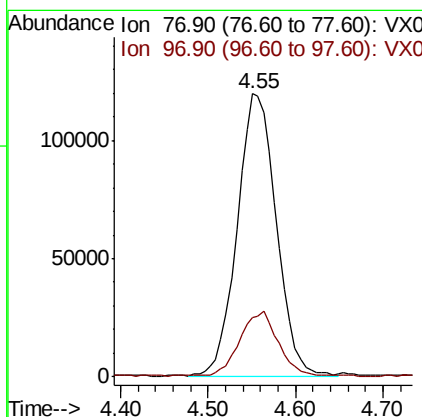
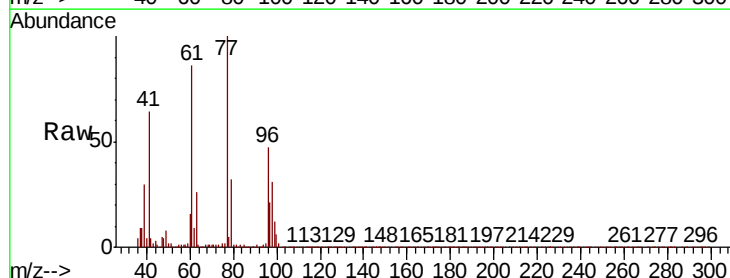
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

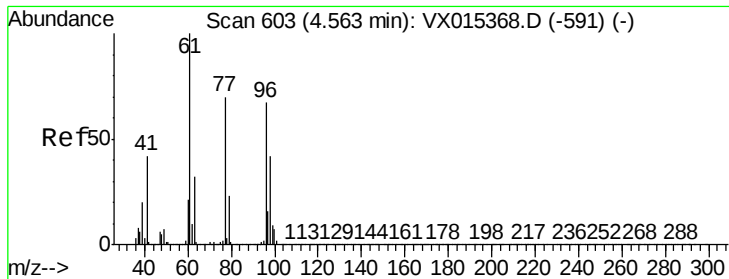
Tot Ion: 43 Resp: 1052402
Ion Ratio Lower Upper
43 100
72 22.1 19.0 28.4



#26
2,2-Dichloropropane
Concen: 17.911 ug/l
RT: 4.55 min Scan# 601
Delta R.T. -0.01 min
Lab File: VX015367.D
Acq: 26 Mar 2020 20:16

Tgt Ion: 77 Resp: 369614
Ion Ratio Lower Upper
77 100
97 22.2 11.3 33.8



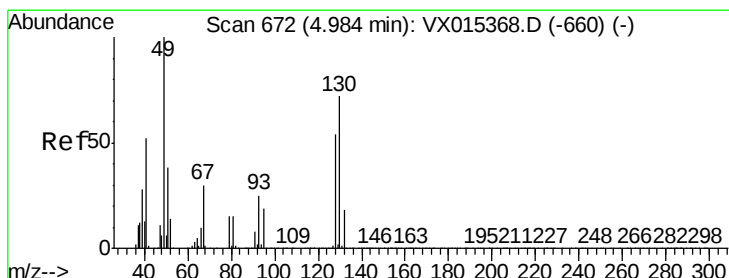
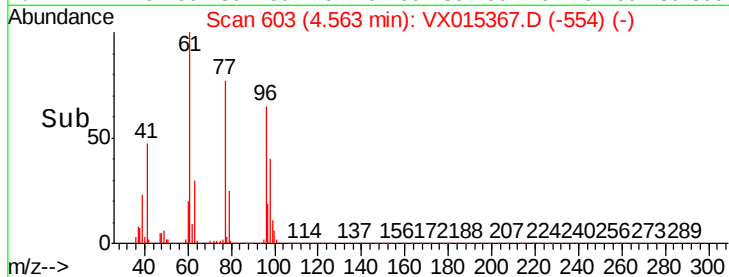
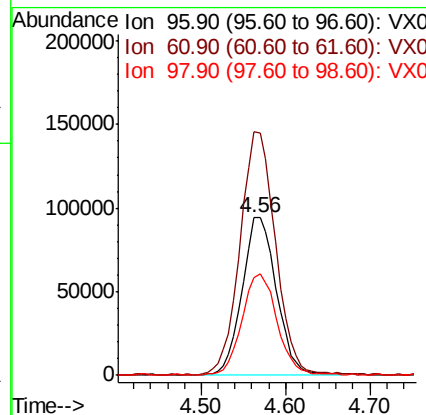
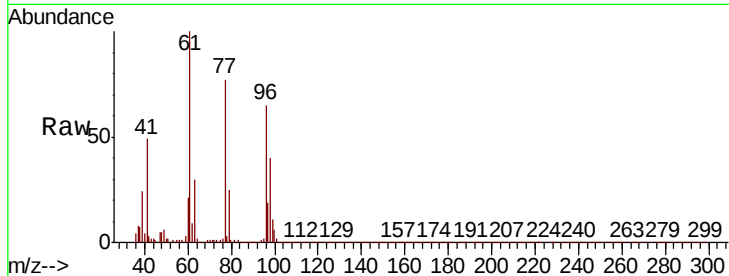


#27

cis-1,2-Dichloroethene
 Concen: 15.175 ug/l
 RT: 4.56 min Scan# 603
 Delta R.T. -0.00 min
 Lab File: VX015367.D
 Acq: 26 Mar 2020 20:16

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

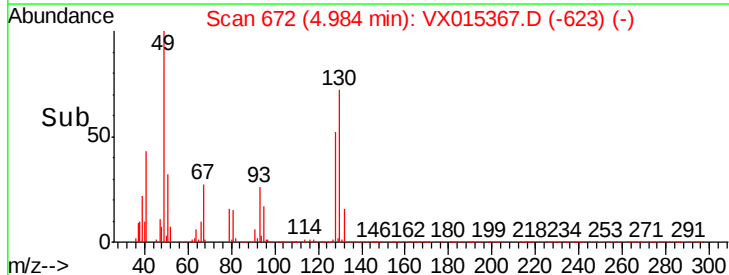
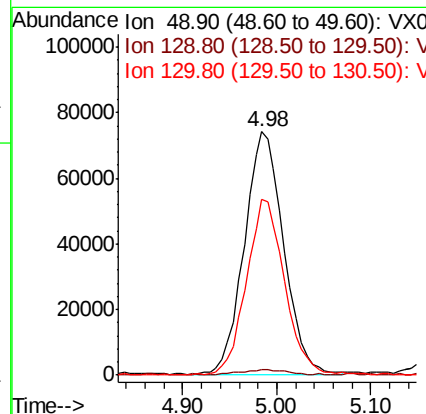
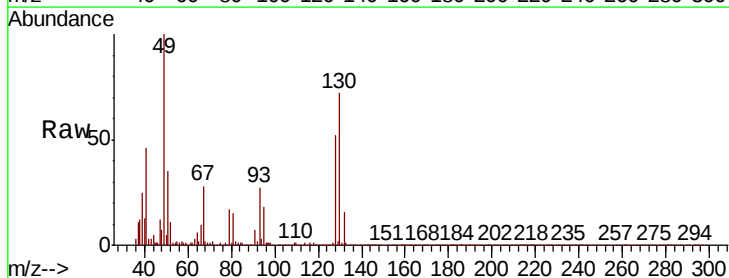
Tot Ion	96	Resp	258247
Ion	Ratio	Lower	Upper
96	100		
61	159.8	0.0	308.4
98	65.1	0.0	129.2

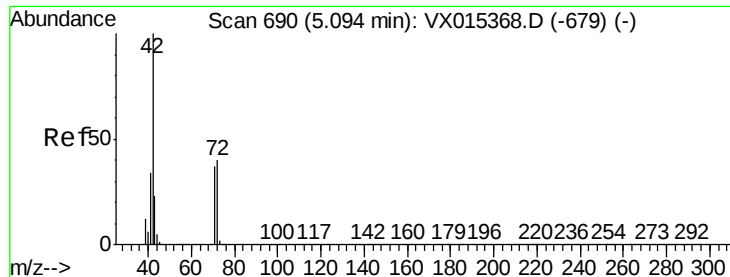


#28

Bromochloromethane
 Concen: 19.087 ug/l
 RT: 4.98 min Scan# 672
 Delta R.T. -0.00 min
 Lab File: VX015367.D
 Acq: 26 Mar 2020 20:16

Tgt Ion	49	Resp	214103
Ion	Ratio	Lower	Upper
49	100		
129	2.7	0.0	4.4
130	69.9	57.7	86.5





#29

Tetrahydrofuran

Concen: 108.342 ug/l

RT: 5.09 min Scan# 690

Delta R.T. -0.00 min

Lab File: VX015367.D

Acq: 26 Mar 2020 20:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

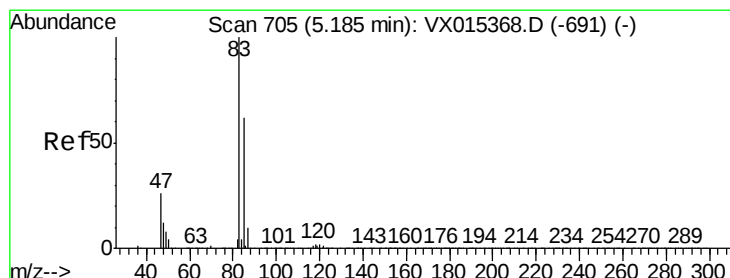
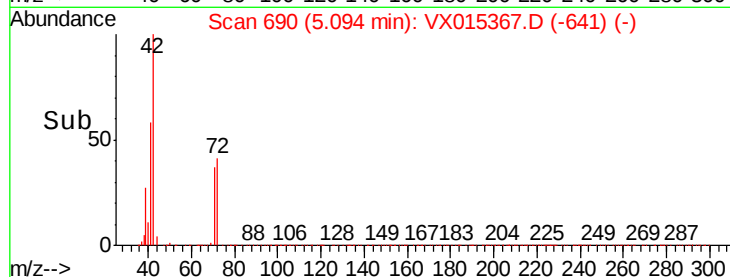
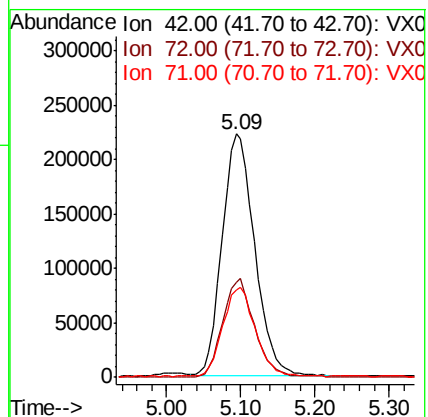
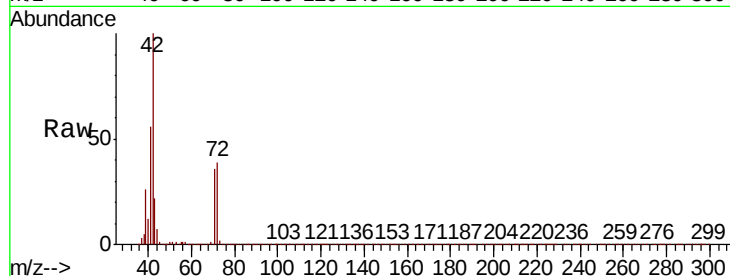
Tot Ion: 42 Resp: 682162

Ion Ratio Lower Upper

42 100

72 39.5 31.7 47.5

71 36.2 29.6 44.4



#30

Chloroform

Concen: 16.123 ug/l

RT: 5.18 min Scan# 705

Delta R.T. -0.00 min

Lab File: VX015367.D

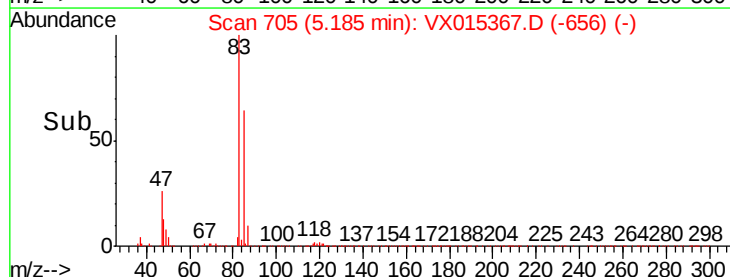
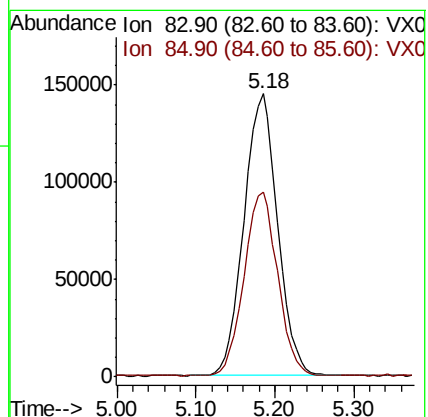
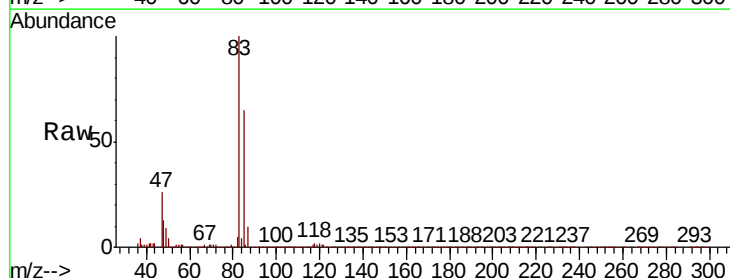
Acq: 26 Mar 2020 20:16

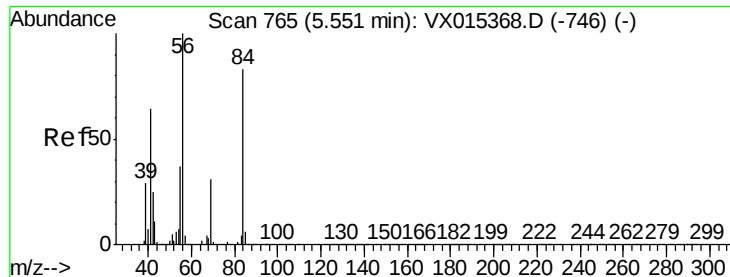
Tgt Ion: 83 Resp: 430396

Ion Ratio Lower Upper

83 100

85 65.1 49.5 74.3

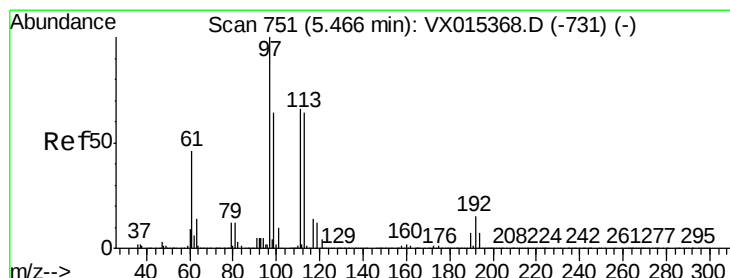
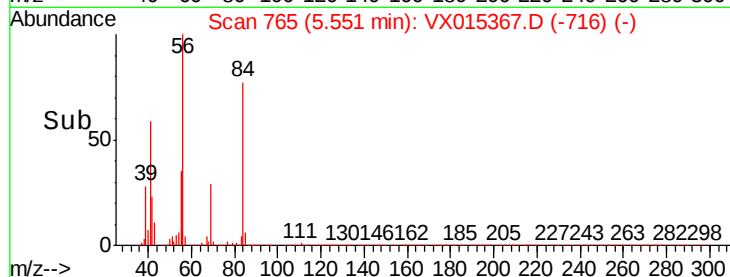
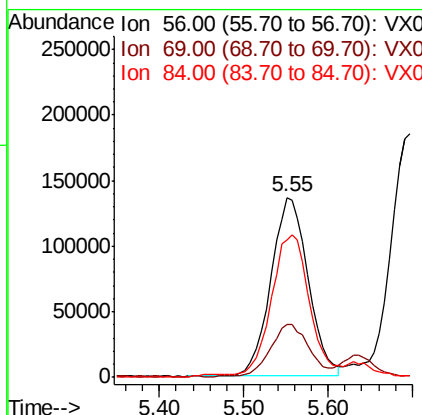
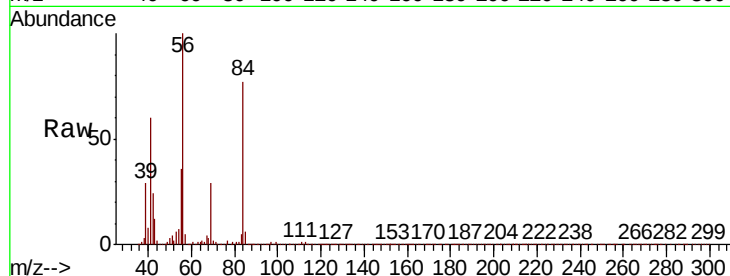




#31
Cyclohexane
Concen: 20.276 ug/l
RT: 5.55 min Scan# 765
Delta R.T. -0.00 min
Lab File: VX015367.D
Acq: 26 Mar 2020 20:16

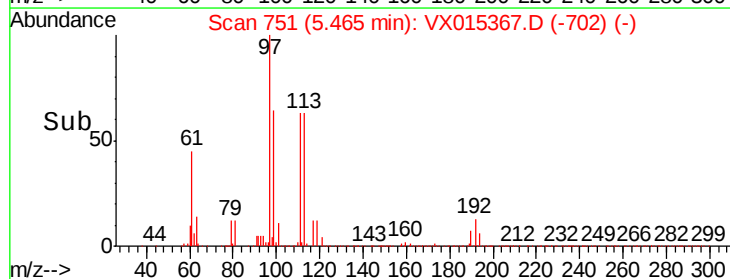
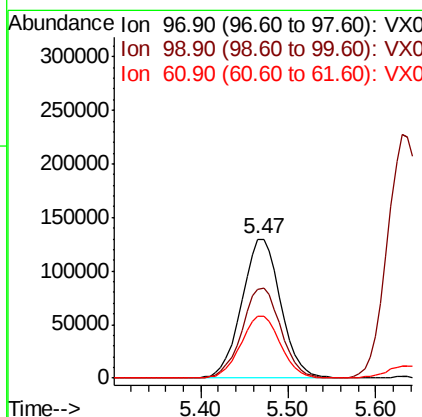
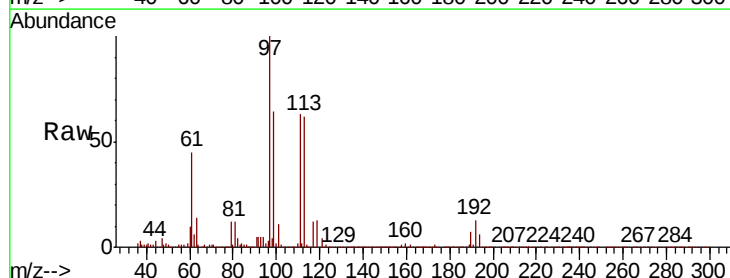
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

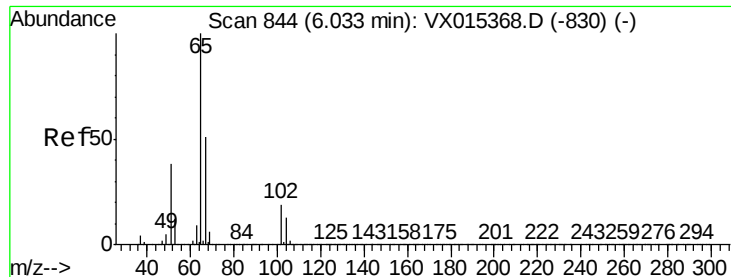
Tot Ion: 56 Resp: 417026
Ion Ratio Lower Upper
56 100
69 28.9 24.6 36.8
84 76.6 66.1 99.1



#32
1,1,1-Trichloroethane
Concen: 18.249 ug/l
RT: 5.47 min Scan# 751
Delta R.T. -0.00 min
Lab File: VX015367.D
Acq: 26 Mar 2020 20:16

Tgt Ion: 97 Resp: 398606
Ion Ratio Lower Upper
97 100
99 64.8 51.0 76.4
61 45.2 36.1 54.1

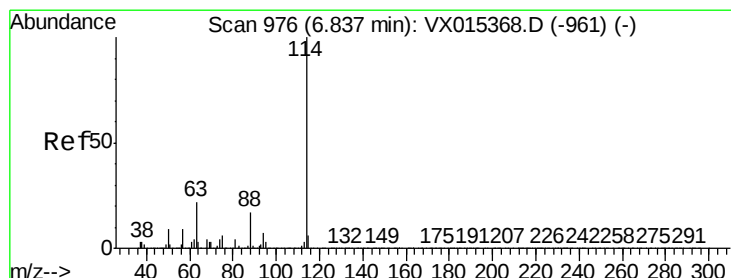
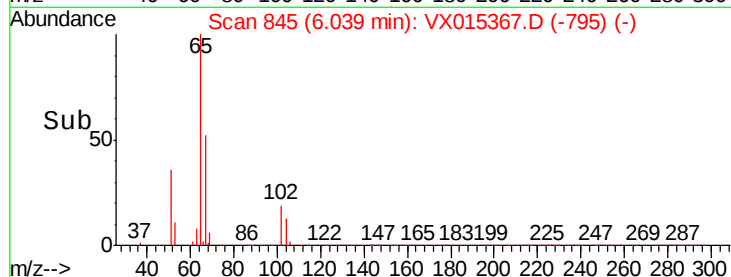
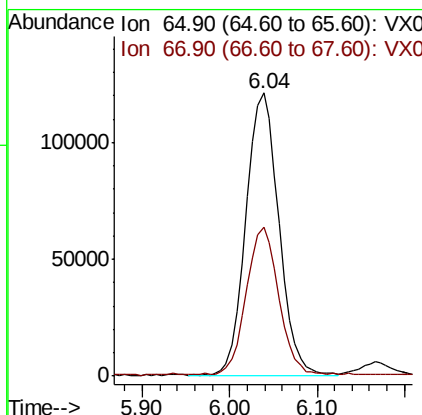
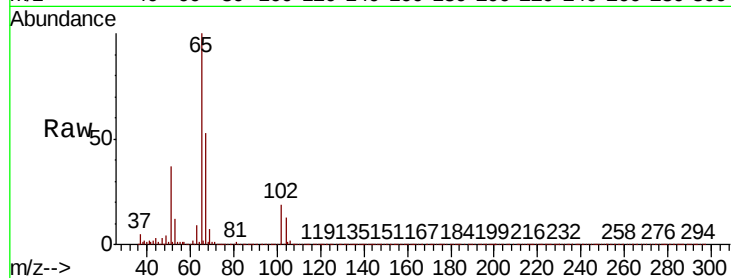




#33
 1,2-Dichloroethane-d4
 Concen: 21.247 ug/l
 RT: 6.04 min Scan# 845
 Delta R.T. 0.01 min
 Lab File: VX015367.D
 Acq: 26 Mar 2020 20:16

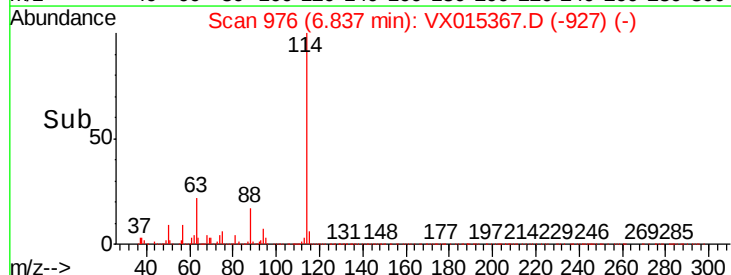
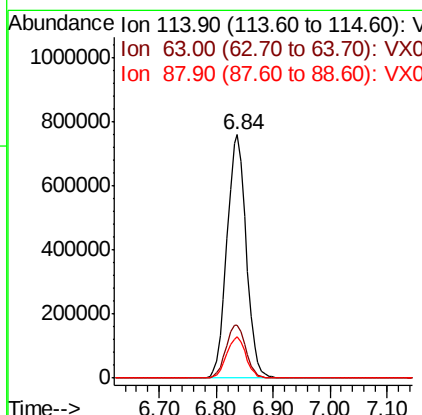
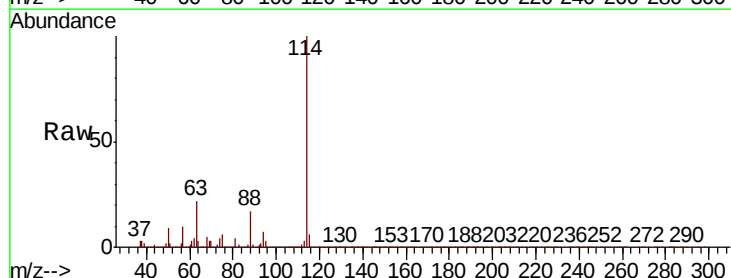
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

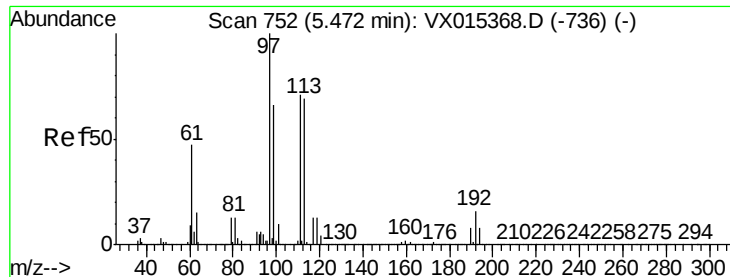
Tot Ion: 65 Resp: 316830
 Ion Ratio Lower Upper
 65 100
 67 51.7 0.0 102.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.84 min Scan# 976
 Delta R.T. -0.00 min
 Lab File: VX015367.D
 Acq: 26 Mar 2020 20:16

Tgt Ion: 114 Resp: 1792684
 Ion Ratio Lower Upper
 114 100
 63 21.7 0.0 44.2
 88 17.1 0.0 33.8

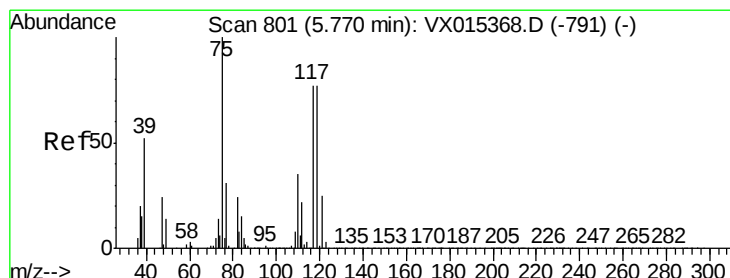
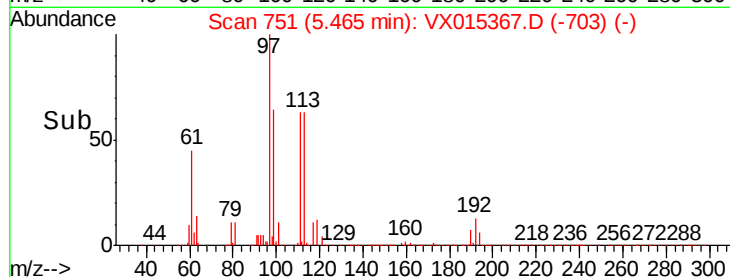
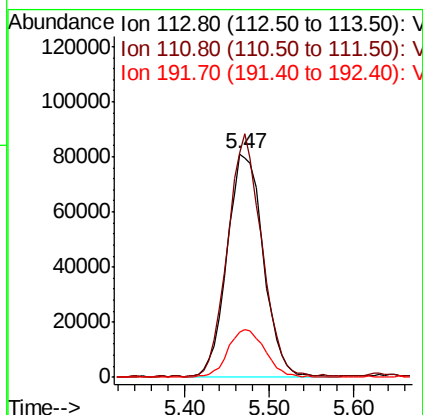
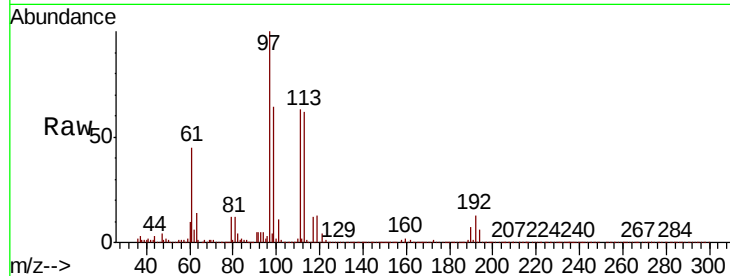




#35
 Dibromofluoromethane
 Concen: 20.005 ug/l
 RT: 5.47 min Scan# 751
 Delta R.T. -0.01 min
 Lab File: VX015367.D
 Acq: 26 Mar 2020 20:16

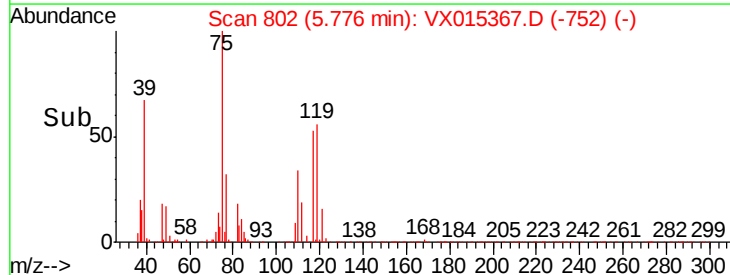
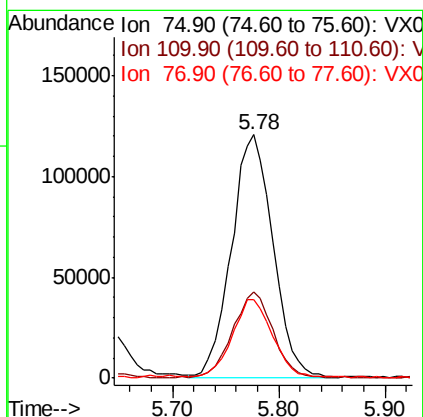
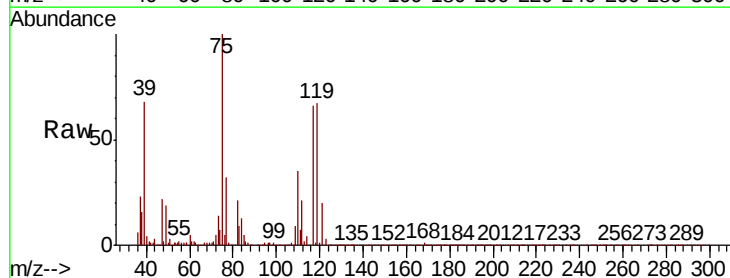
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

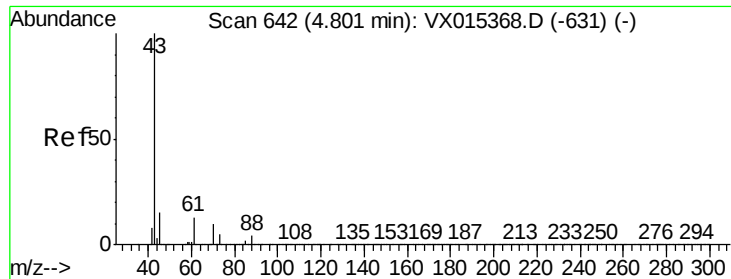
Tot Ion	Ratio	Lower	Upper
113	100		
111	103.1	81.5	122.3
192	22.5	17.8	26.6



#36
 1,1-Dichloropropene
 Concen: 19.631 ug/l
 RT: 5.78 min Scan# 802
 Delta R.T. 0.01 min
 Lab File: VX015367.D
 Acq: 26 Mar 2020 20:16

Tgt Ion	Ratio	Lower	Upper
75	100		
110	34.2	17.1	51.3
77	30.4	24.6	36.8

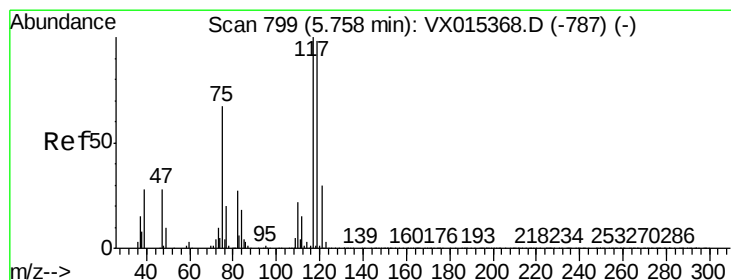
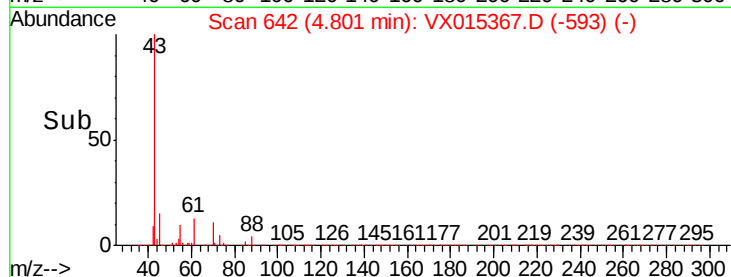
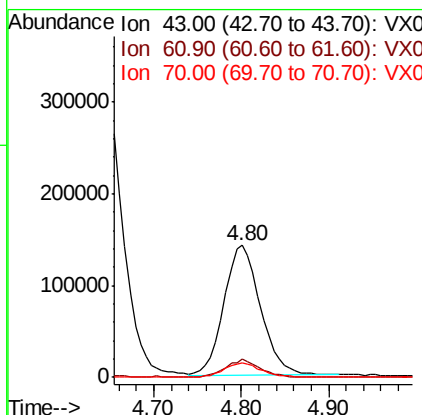
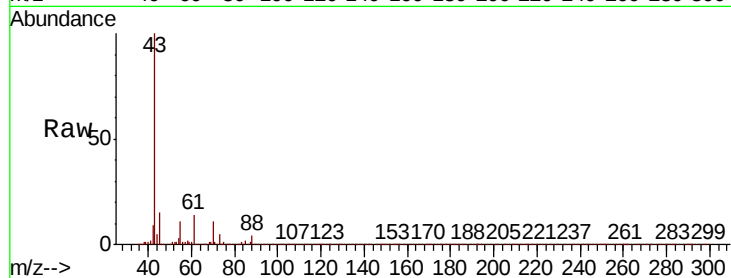




#37
Ethyl Acetate
Concen: 24.480 ug/l
RT: 4.80 min Scan# 642
Delta R.T. -0.00 min
Lab File: VX015367.D
Acq: 26 Mar 2020 20:16

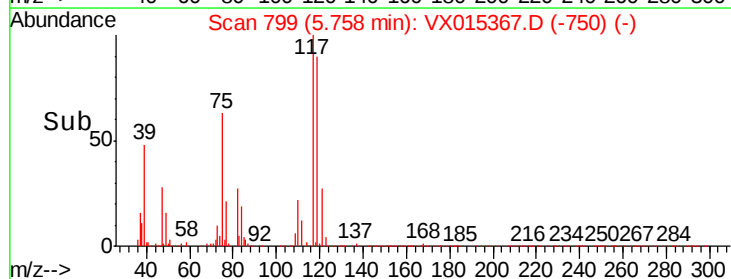
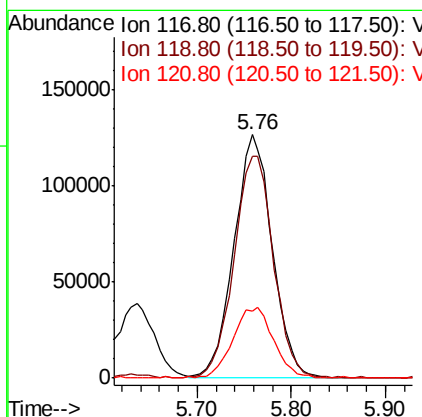
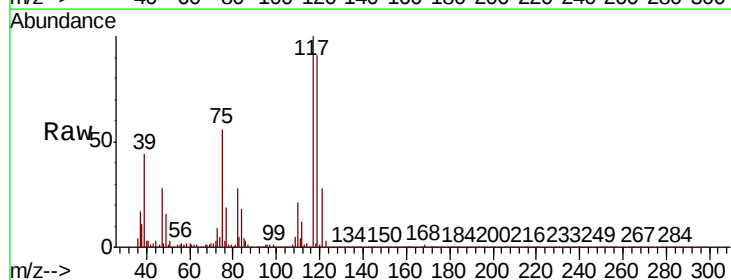
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

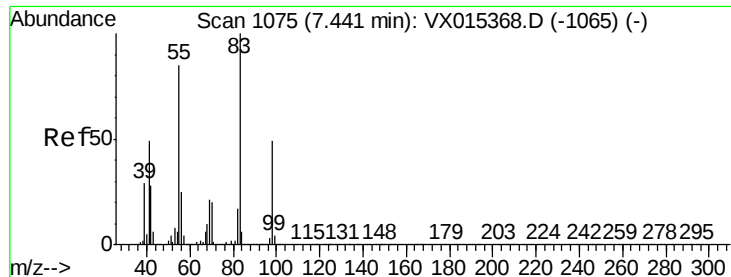
Tot Ion:	43	Resp:	408803
Ion	Ratio	Lower	Upper
43	100		
61	12.6	9.9	14.9
70	10.8	8.1	12.1



#38
Carbon Tetrachloride
Concen: 22.284 ug/l
RT: 5.76 min Scan# 799
Delta R.T. -0.00 min
Lab File: VX015367.D
Acq: 26 Mar 2020 20:16

Tgt Ion:	117	Resp:	357015
Ion	Ratio	Lower	Upper
117	100		
119	90.9	78.0	117.0
121	27.6	23.8	35.8

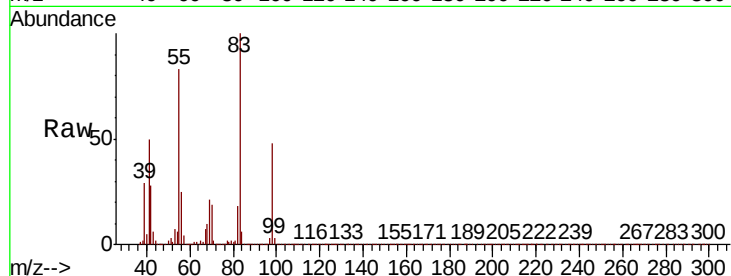




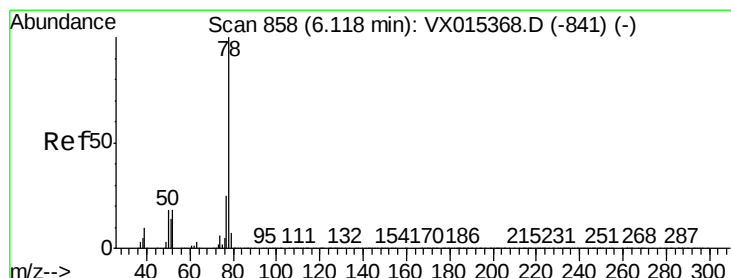
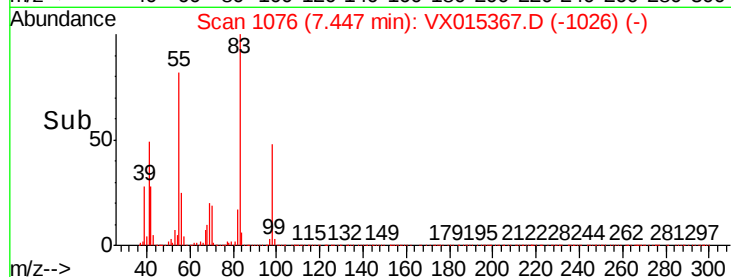
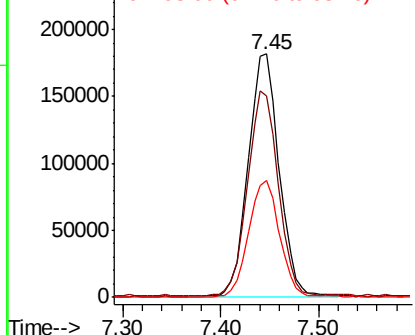
#39
Methvlcvclohexane
Concen: 20.555 ug/l
RT: 7.45 min Scan# 1076
Delta R.T. 0.01 min
Lab File: VX015367.D
Acq: 26 Mar 2020 20:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tot Ion	Ratio	Lower	Upper
83	100		
55	82.3	67.8	101.6
98	48.1	39.3	58.9

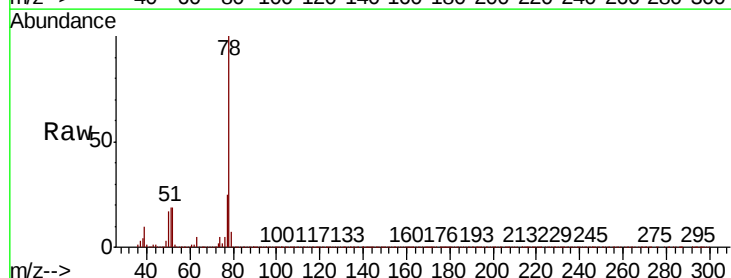


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

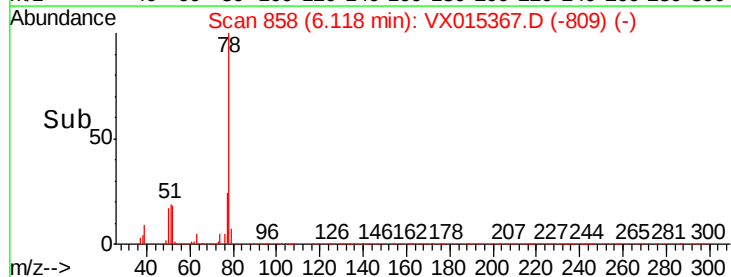
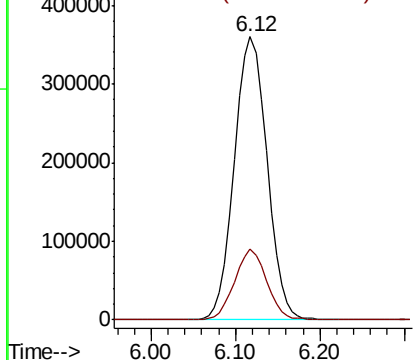


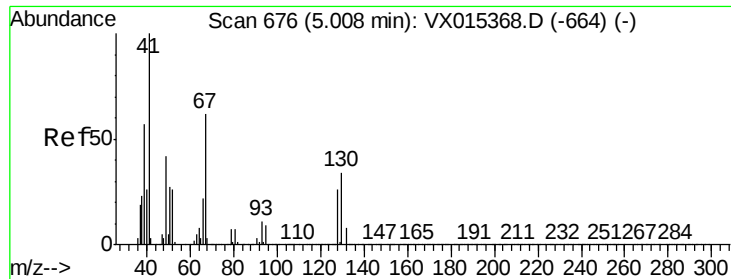
#40
Benzene
Concen: 18.518 ug/l
RT: 6.12 min Scan# 858
Delta R.T. -0.00 min
Lab File: VX015367.D
Acq: 26 Mar 2020 20:16

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.9	19.8	29.8



Abundance Ion 78.00 (77.70 to 78.70): VX0
Ion 77.00 (76.70 to 77.70): VX0

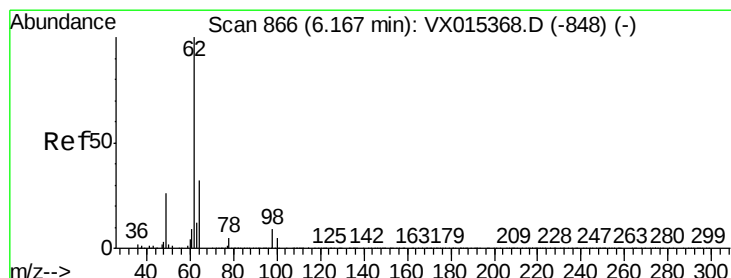
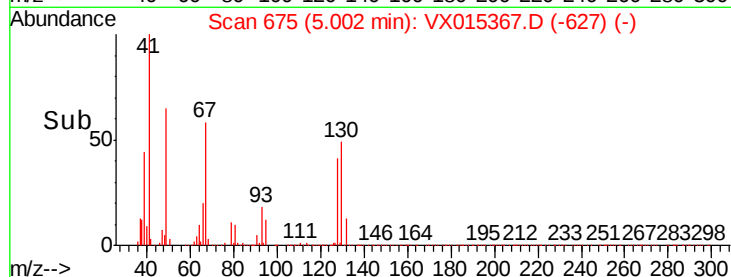
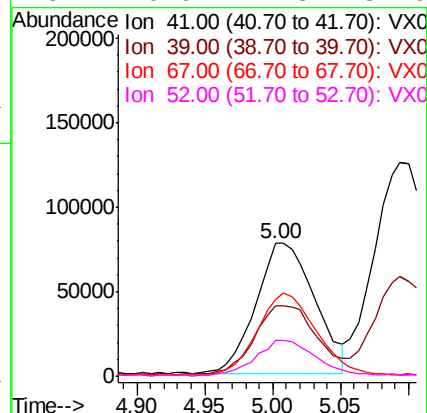
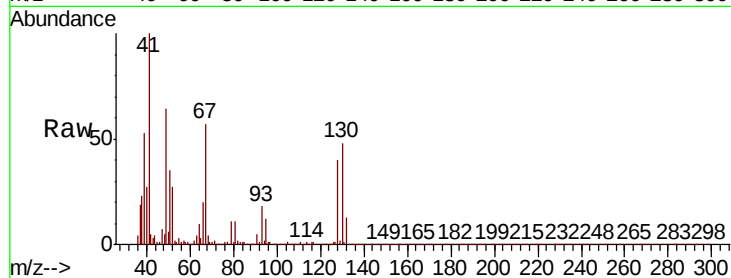




#41
Methacrylonitrile
Concen: 25.866 ug/l
RT: 5.00 min Scan# 675
Delta R.T. -0.01 min
Lab File: VX015367.D
Acq: 26 Mar 2020 20:16

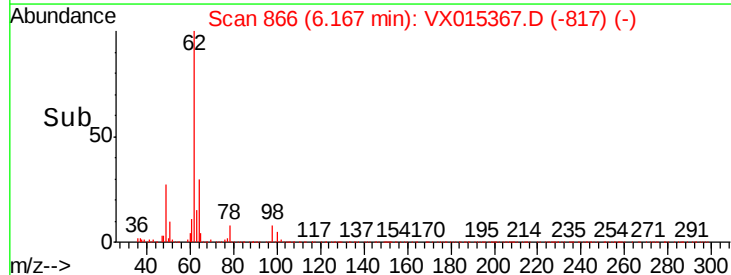
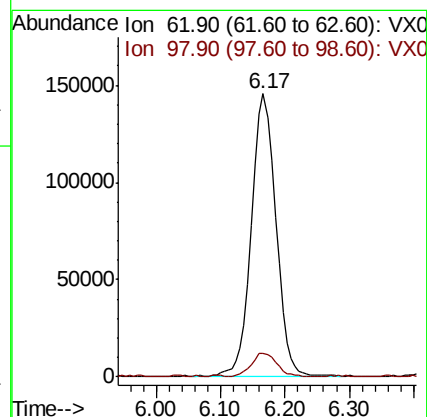
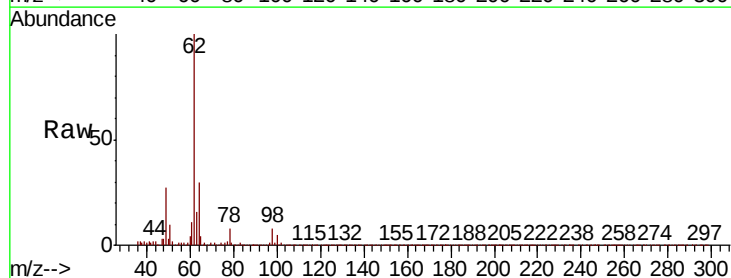
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

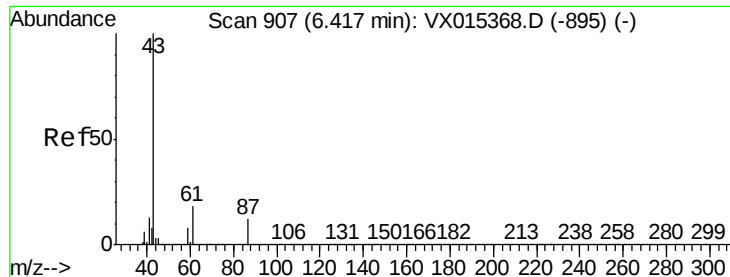
Tot Ion:	41	Resp:	234293
Ion	Ratio	Lower	Upper
41	100		
39	57.1	44.5	66.7
67	62.9	48.9	73.3
52	26.9	21.8	32.6



#42
1,2-Dichloroethane
Concen: 23.059 ug/l
RT: 6.17 min Scan# 866
Delta R.T. -0.00 min
Lab File: VX015367.D
Acq: 26 Mar 2020 20:16

Tgt Ion:	62	Resp:	378505
Ion	Ratio	Lower	Upper
62	100		
98	8.4	0.0	17.6



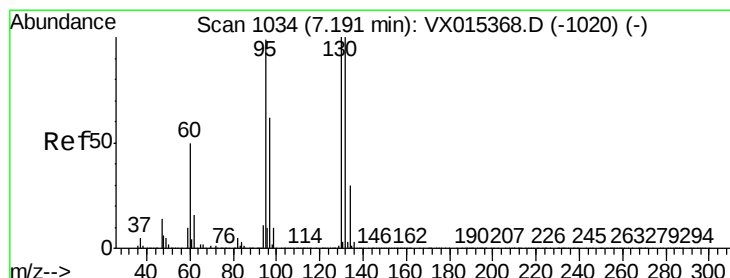
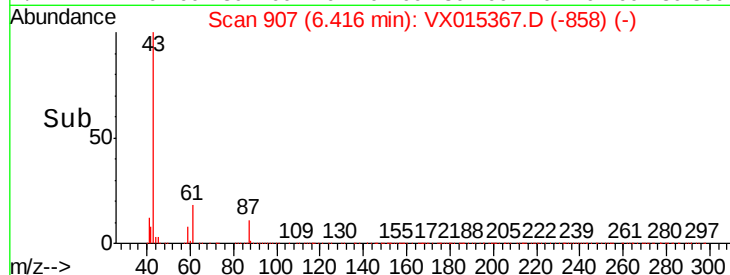
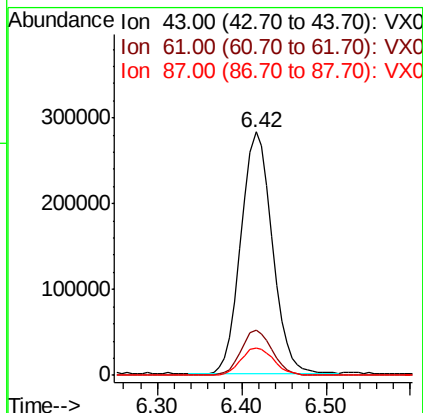
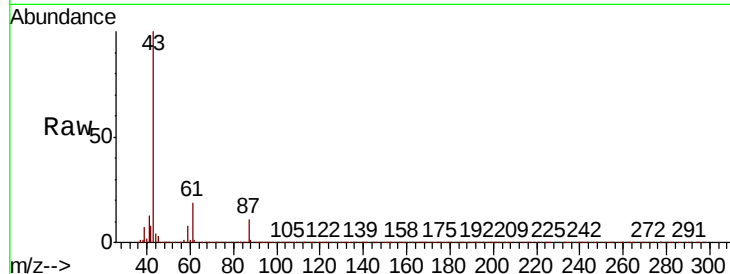


#43

Isopropyl Acetate
 Concen: 27.448 ug/l
 RT: 6.42 min Scan# 907
 Delta R.T. -0.00 min
 Lab File: VX015367.D
 Acq: 26 Mar 2020 20:16

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

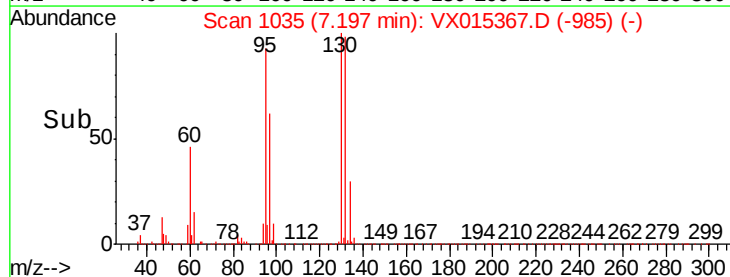
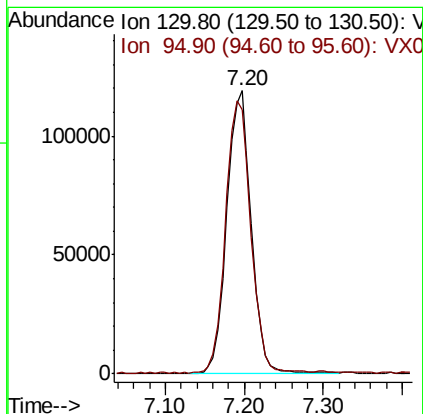
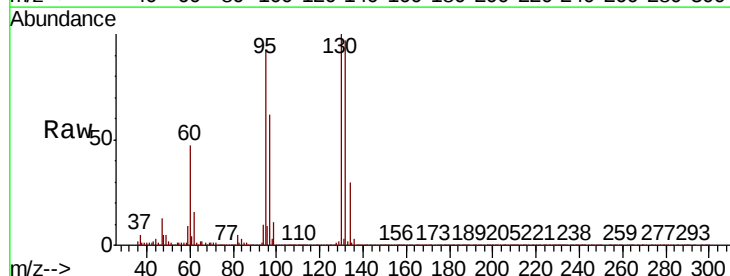
Tot Ion	43	Resp	710074
Ion Ratio	Lower	Upper	
43	100		
61	18.4	14.8	22.2
87	11.8	9.4	14.0

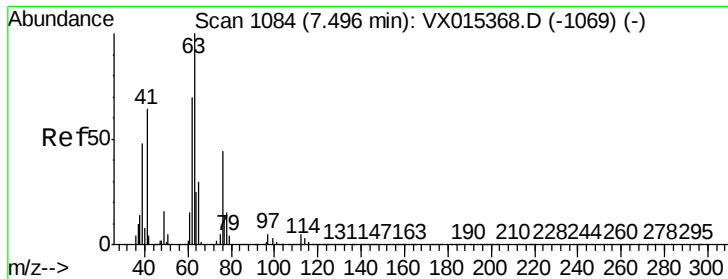


#44

Trichloroethene
 Concen: 18.353 ug/l
 RT: 7.20 min Scan# 1035
 Delta R.T. 0.01 min
 Lab File: VX015367.D
 Acq: 26 Mar 2020 20:16

Tgt Ion	130	Resp	256876
Ion Ratio	Lower	Upper	
130	100		
95	92.8	0.0	199.0

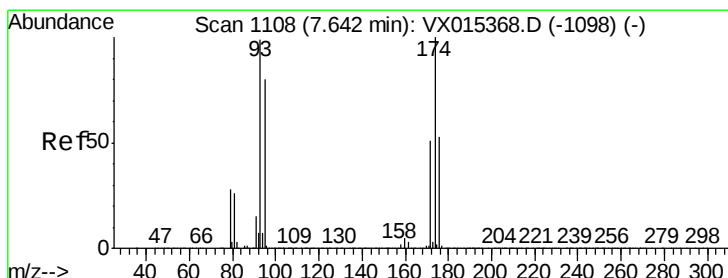
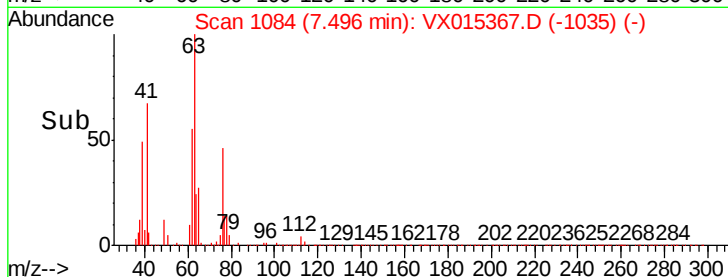
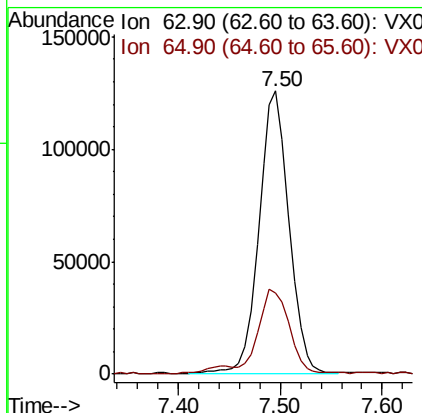
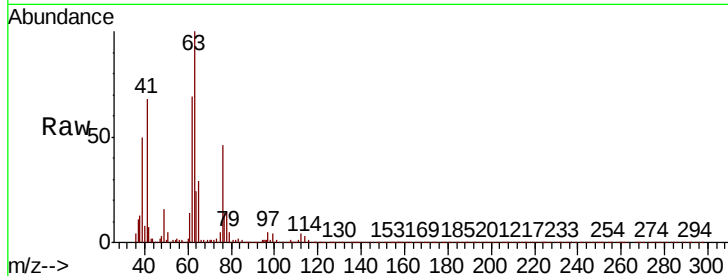




#45
 1,2-Dichloropropane
 Concen: 20.600 ug/l
 RT: 7.50 min Scan# 1084
 Delta R.T. -0.00 min
 Lab File: VX015367.D
 Acq: 26 Mar 2020 20:16

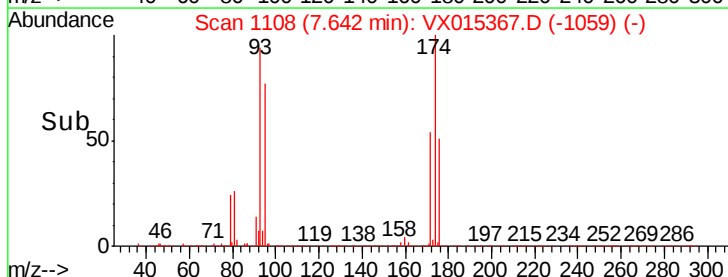
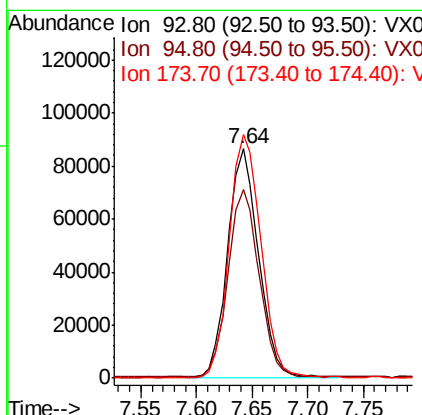
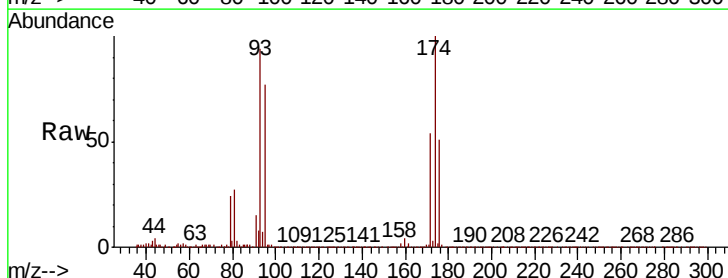
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

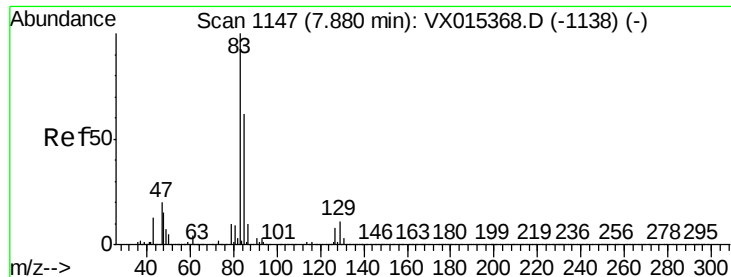
Tot Ion: 63 Resp: 254129
 Ion Ratio Lower Upper
 63 100
 65 28.3 23.9 35.9



#46
 Dibromomethane
 Concen: 19.094 ug/l
 RT: 7.64 min Scan# 1108
 Delta R.T. -0.00 min
 Lab File: VX015367.D
 Acq: 26 Mar 2020 20:16

Tgt Ion: 93 Resp: 164732
 Ion Ratio Lower Upper
 93 100
 95 82.8 65.8 98.8
 174 109.3 86.2 129.2





#47

Bromodichloromethane

Concen: 21.835 ug/l

RT: 7.88 min Scan# 1147

Delta R.T. -0.00 min

Lab File: VX015367.D

Acq: 26 Mar 2020 20:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

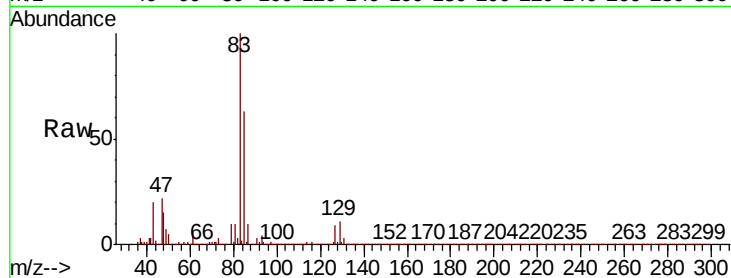
Tot Ion: 83 Resp: 359833

Ion Ratio Lower Upper

83 100

85 62.7 49.7 74.5

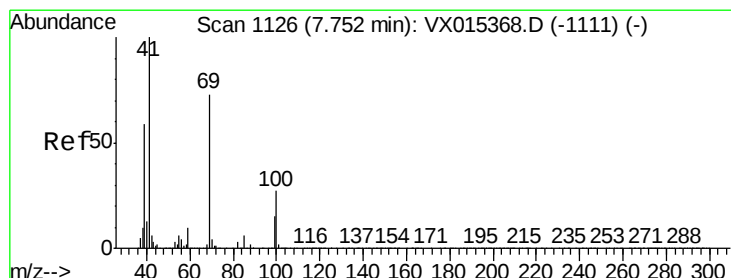
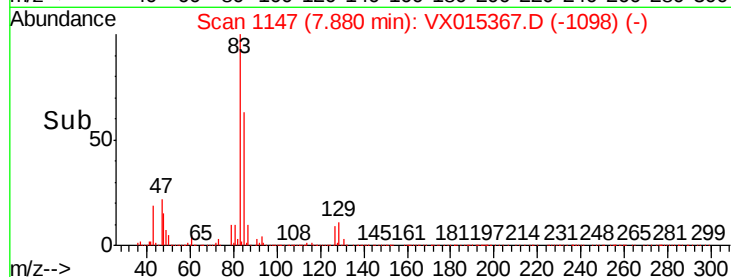
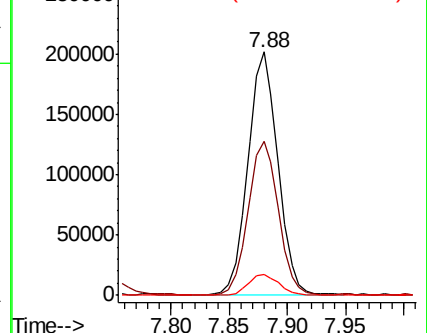
127 8.7 6.7 10.1



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 28.222 ug/l

RT: 7.75 min Scan# 1126

Delta R.T. -0.00 min

Lab File: VX015367.D

Acq: 26 Mar 2020 20:16

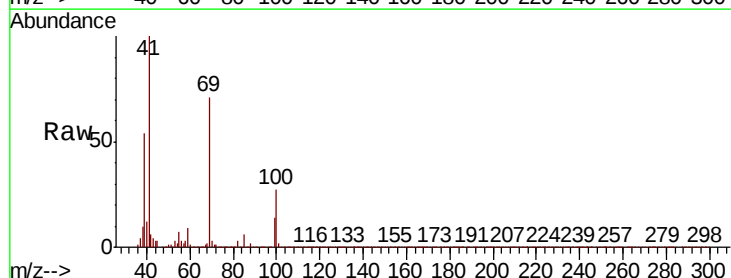
Tgt Ion: 41 Resp: 350679

Ion Ratio Lower Upper

41 100

69 71.9 56.7 85.1

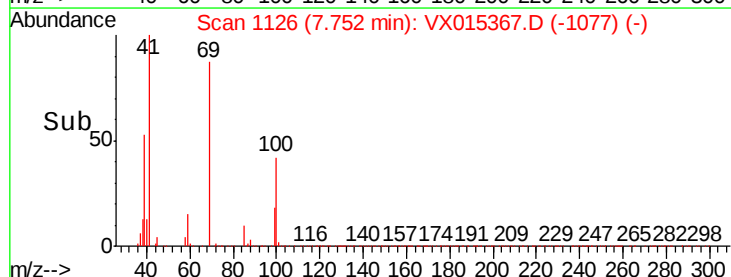
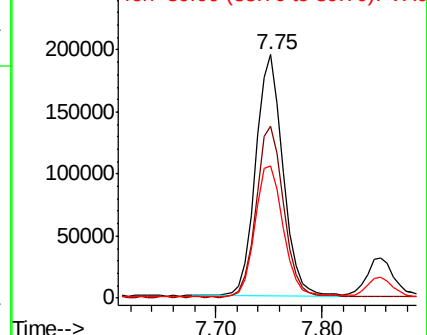
39 56.5 46.5 69.7

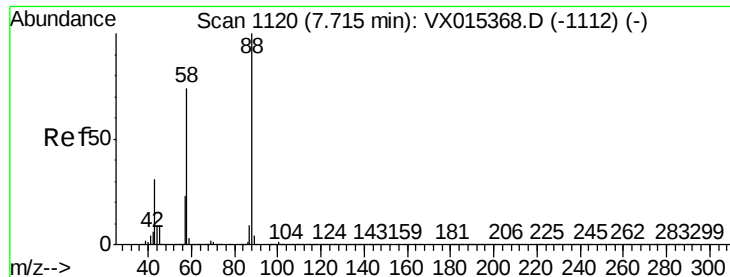


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#49

1,4-Dioxane

Concen: 418.317 ug/l

RT: 7.72 min Scan# 1121

Delta R.T. 0.01 min

Lab File: VX015367.D

Acq: 26 Mar 2020 20:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

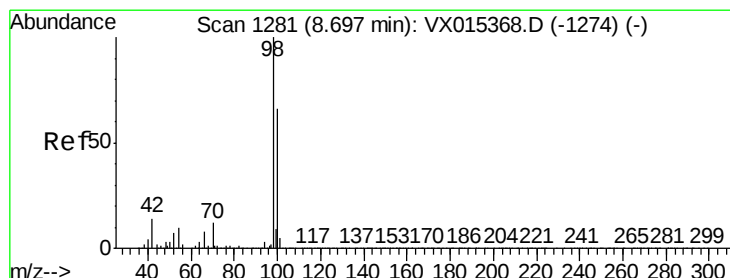
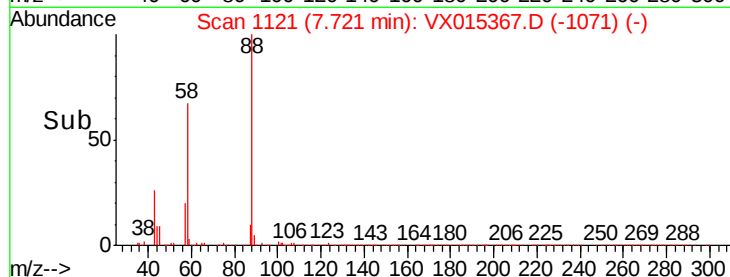
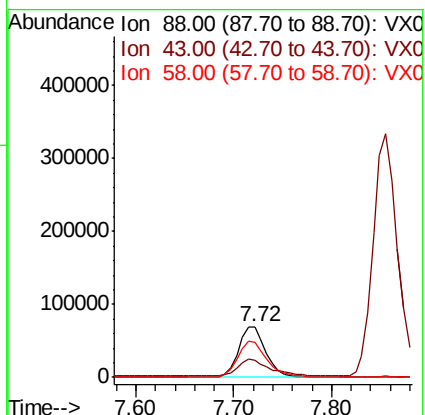
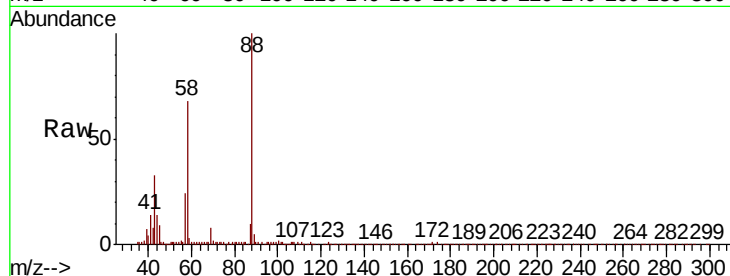
Tot Ion: 88 Resp: 132272

Ion Ratio Lower Upper

88 100

43 38.8 30.1 45.1

58 74.6 60.6 90.8



#50

Toluene-d8

Concen: 20.511 ug/l

RT: 8.70 min Scan# 1281

Delta R.T. -0.00 min

Lab File: VX015367.D

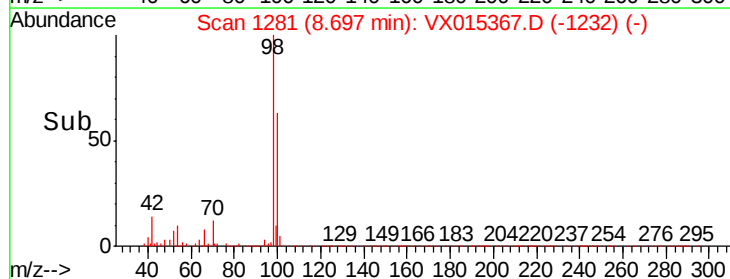
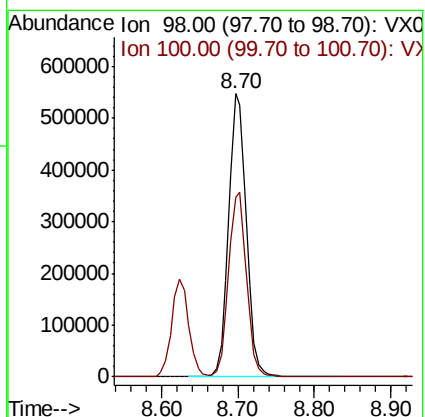
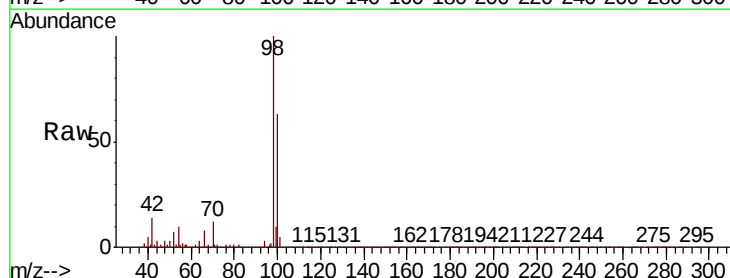
Acq: 26 Mar 2020 20:16

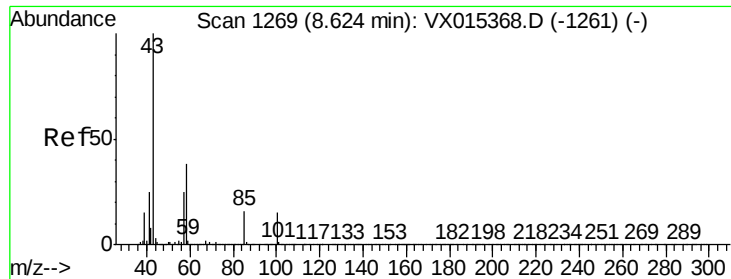
Tgt Ion: 98 Resp: 872527

Ion Ratio Lower Upper

98 100

100 66.1 53.5 80.3





#51

4-Methyl-2-Pentanone

Concen: 132.723 ug/l

RT: 8.62 min Scan# 1269

Delta R.T. -0.00 min

Lab File: VX015367.D

Acq: 26 Mar 2020 20:16

Instrument :

MSVOA_X

ClientSampleId :

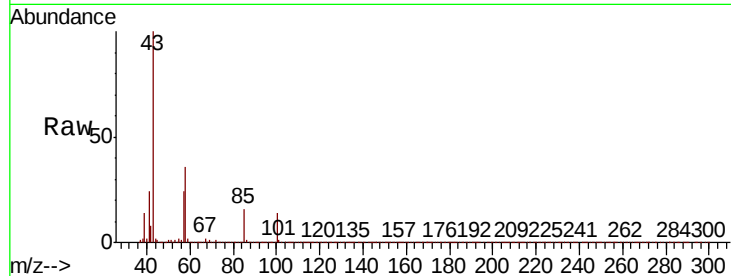
VSTDIC020

Tot Ion: 43 Resp: 2076889

Ion Ratio Lower Upper

43 100

58 36.3 29.7 44.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

8.62

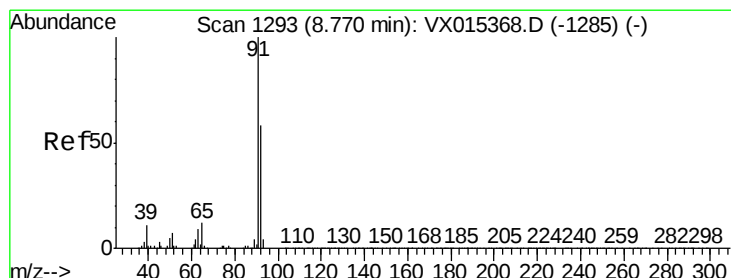
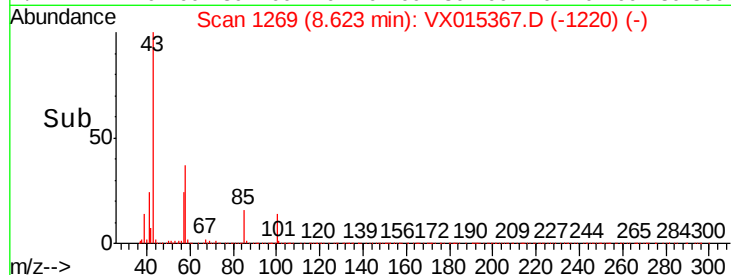
1500000

1000000

500000

0

Time--> 8.50 8.60 8.70



#52

Toluene

Concen: 18.867 ug/l

RT: 8.77 min Scan# 1293

Delta R.T. -0.00 min

Lab File: VX015367.D

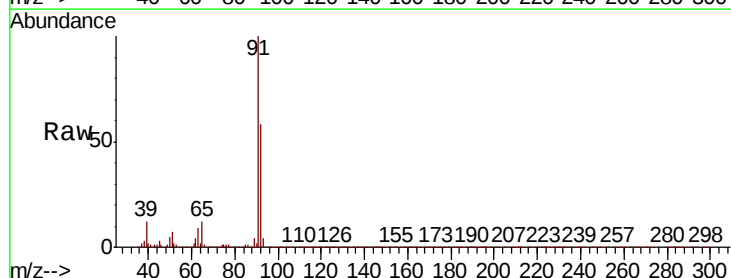
Acq: 26 Mar 2020 20:16

Tgt Ion: 92 Resp: 590690

Ion Ratio Lower Upper

92 100

91 171.7 136.6 205.0



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

8.77

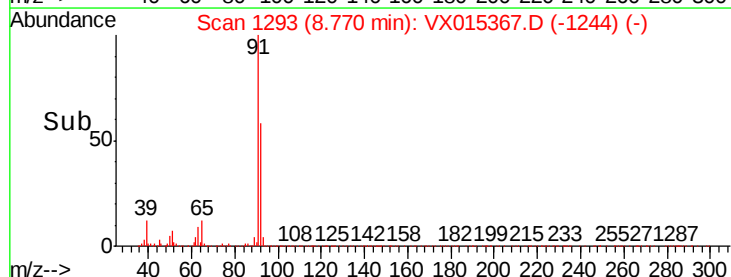
600000

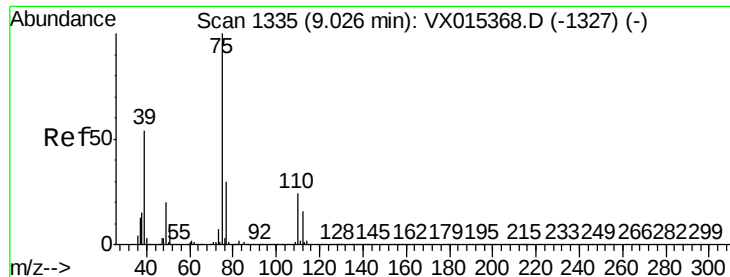
400000

200000

0

Time--> 8.65 8.70 8.75 8.80 8.85





#53

t-1,3-Dichloropropene

Concen: 23.268 ug/l

RT: 9.03 min Scan# 1335

Delta R.T. -0.00 min

Lab File: VX015367.D

Acq: 26 Mar 2020 20:16

Instrument :

MSVOA_X

ClientSampleId :

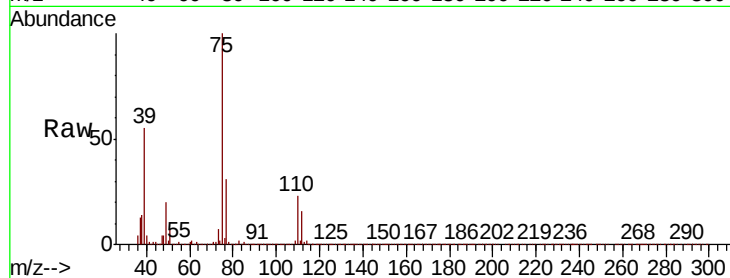
VSTDIC020

Tot Ion: 75 Resp: 416525

Ion Ratio Lower Upper

75 100

77 30.5 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

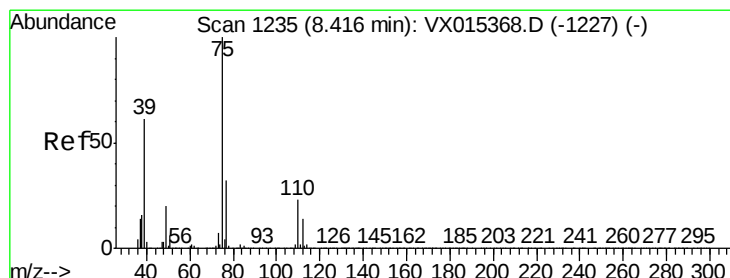
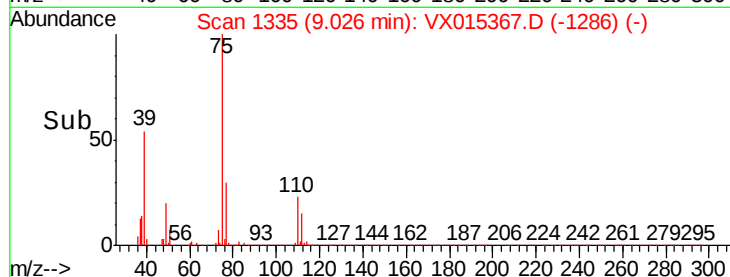
300000

200000

100000

0

Time--> 8.90 9.00 9.10



#54

cis-1,3-Dichloropropene

Concen: 21.610 ug/l

RT: 8.42 min Scan# 1235

Delta R.T. -0.00 min

Lab File: VX015367.D

Acq: 26 Mar 2020 20:16

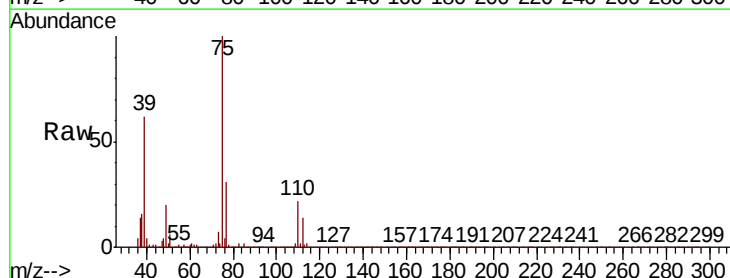
Tgt Ion: 75 Resp: 429646

Ion Ratio Lower Upper

75 100

77 30.9 25.8 38.6

39 62.1 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

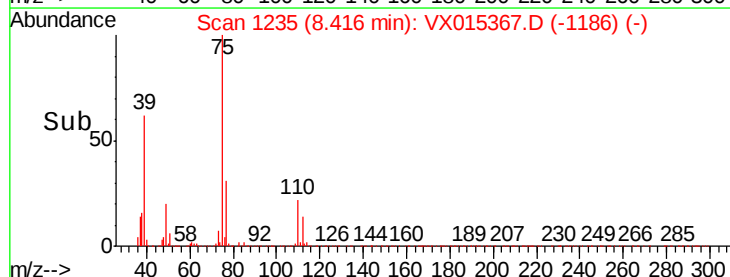
300000

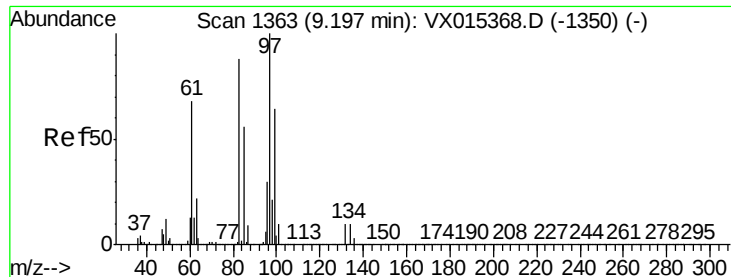
200000

100000

0

Time--> 8.30 8.40 8.50





#55

1,1,2-Trichloroethane

Concen: 17.848 ug/l

RT: 9.20 min Scan# 1363

Delta R.T. -0.00 min

Lab File: VX015367.D

Acq: 26 Mar 2020 20:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

Tot Ion: 97 Resp: 239179

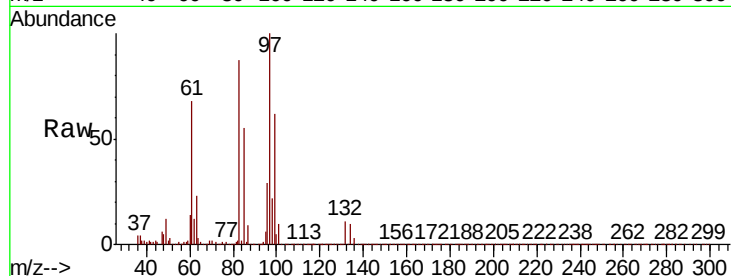
Ion Ratio Lower Upper

97 100

83 86.4 70.2 105.4

85 54.3 44.7 67.1

99 61.8 51.1 76.7

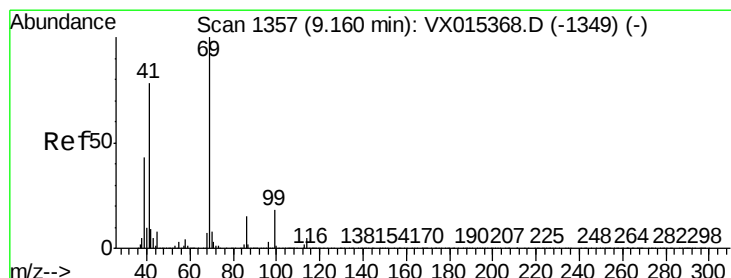
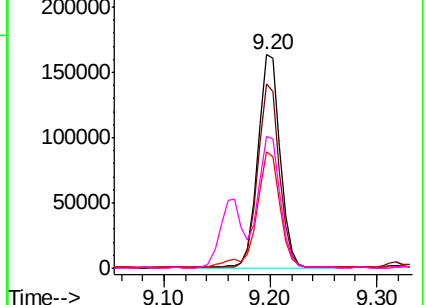
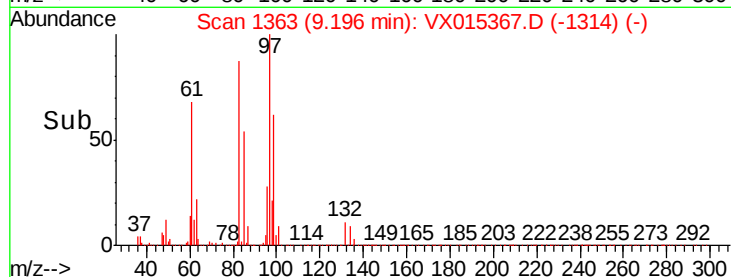


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0



#56

Ethyl methacrylate

Concen: 22.437 ug/l

RT: 9.16 min Scan# 1357

Delta R.T. -0.00 min

Lab File: VX015367.D

Acq: 26 Mar 2020 20:16

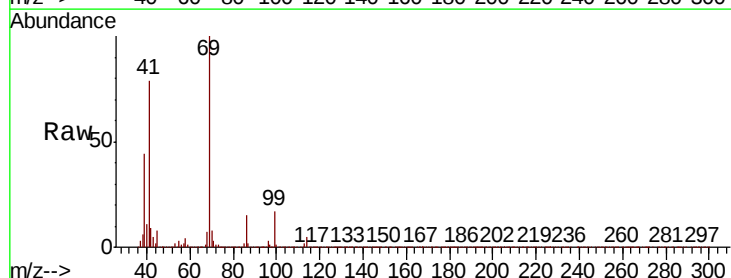
Tgt Ion: 69 Resp: 408816

Ion Ratio Lower Upper

69 100

41 79.1 61.6 92.4

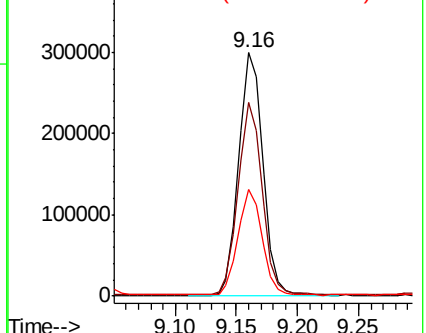
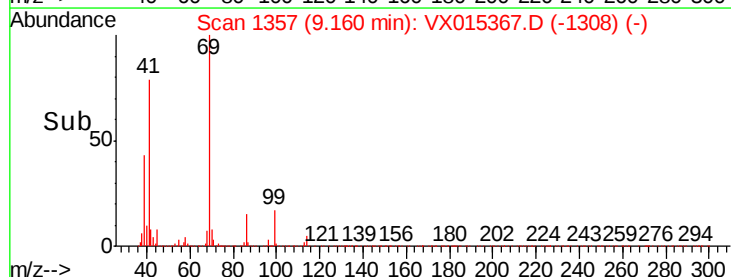
39 43.3 34.0 51.0

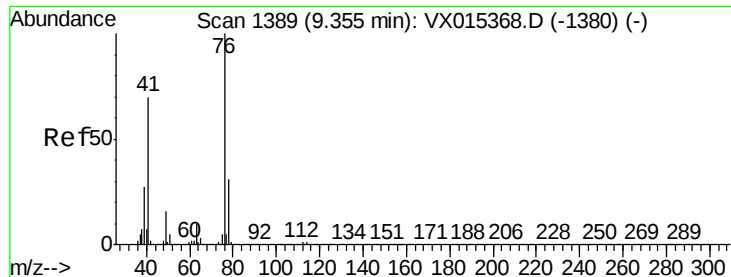


Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#57

1,3-Dichloropropane

Concen: 18.632 ug/l

RT: 9.35 min Scan# 1389

Delta R.T. -0.00 min

Lab File: VX015367.D

Acq: 26 Mar 2020 20:16

Instrument :

MSVOA_X

ClientSampleId :

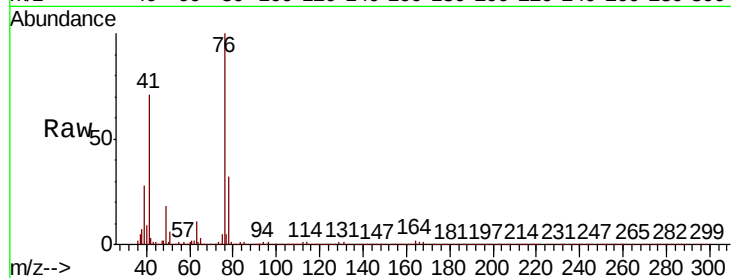
VSTDIC020

Tot Ion: 76 Resp: 414414

Ion Ratio Lower Upper

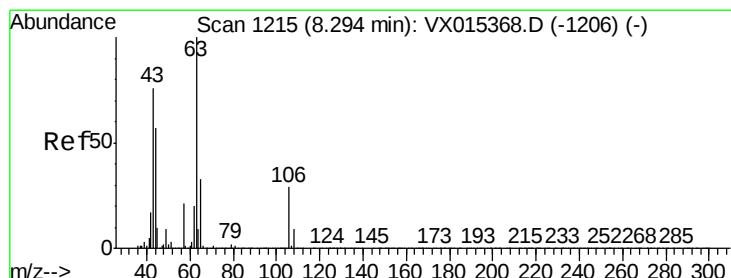
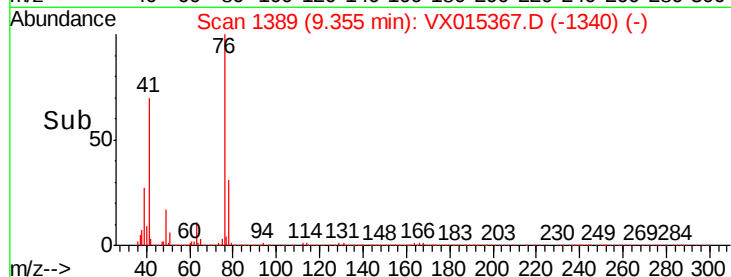
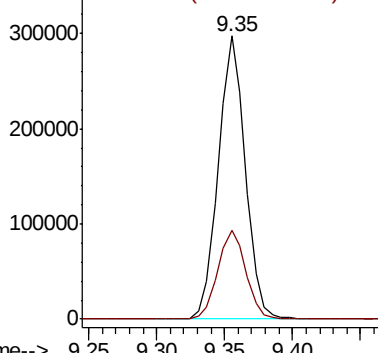
76 100

78 32.3 25.8 38.8



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 93.910 ug/l

RT: 8.29 min Scan# 1215

Delta R.T. -0.00 min

Lab File: VX015367.D

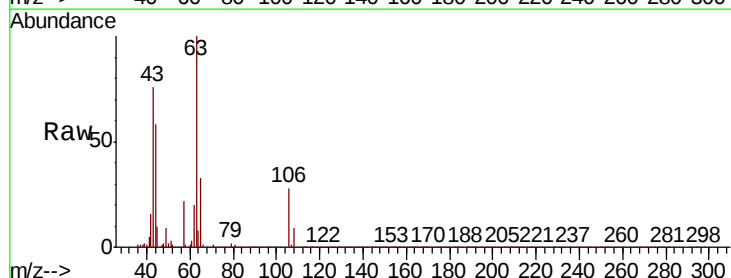
Acq: 26 Mar 2020 20:16

Tgt Ion: 63 Resp: 956188

Ion Ratio Lower Upper

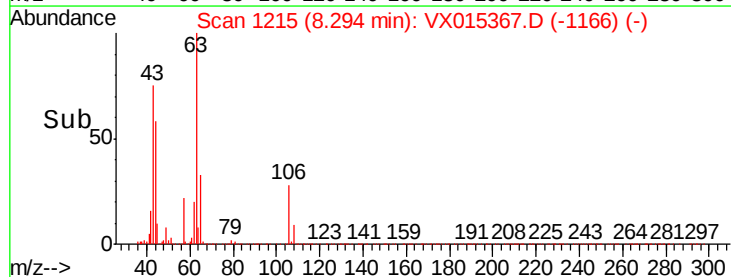
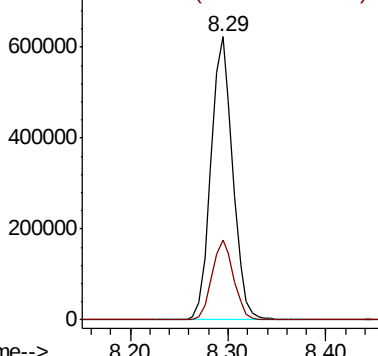
63 100

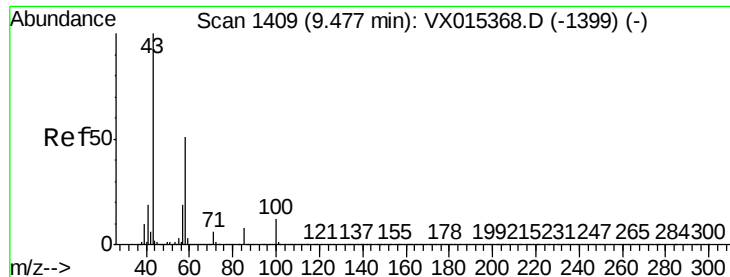
106 28.2 22.7 34.1



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

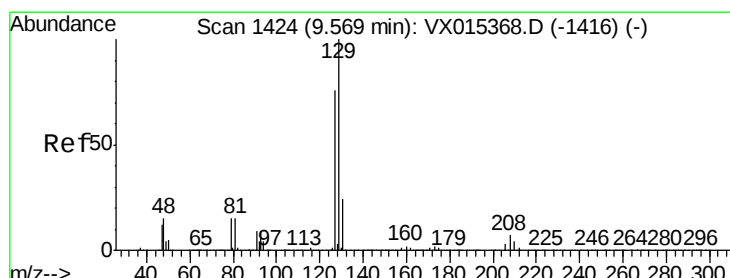
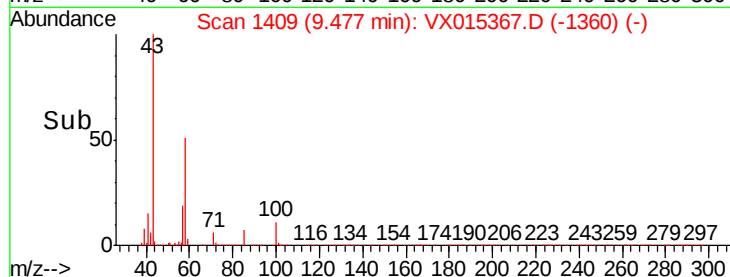
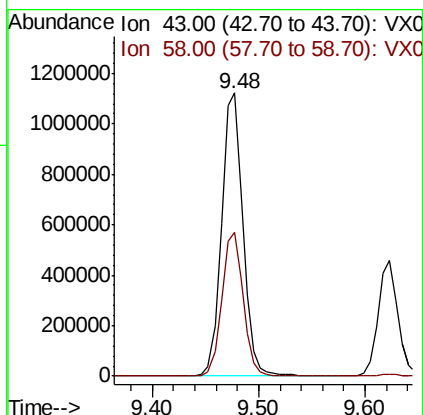
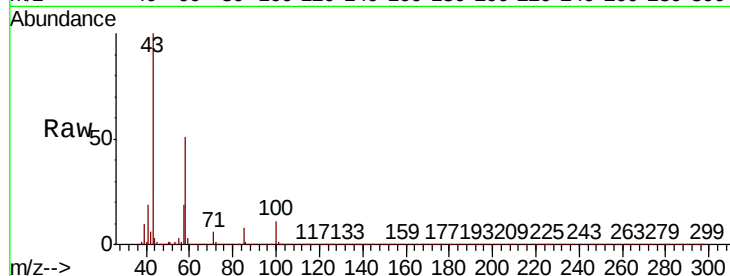




#59
2-Hexanone
Concen: 133.563 ug/l
RT: 9.48 min Scan# 1409
Delta R.T. -0.00 min
Lab File: VX015367.D
Acq: 26 Mar 2020 20:16

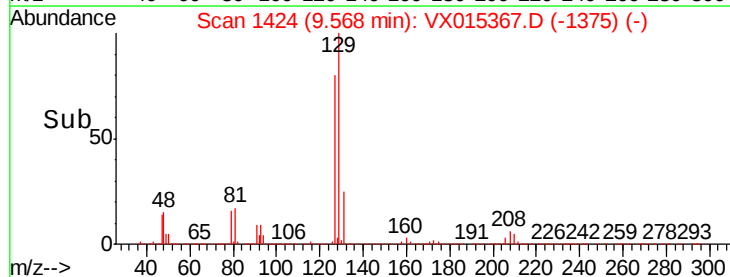
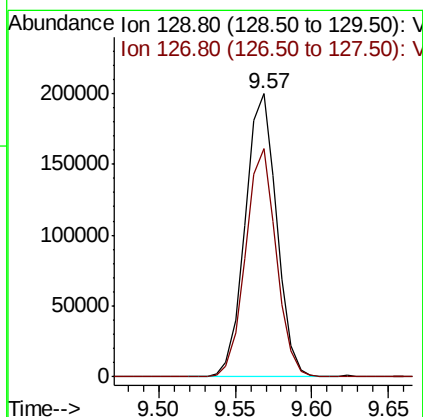
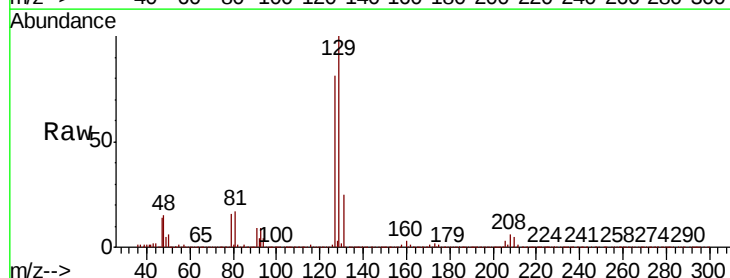
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

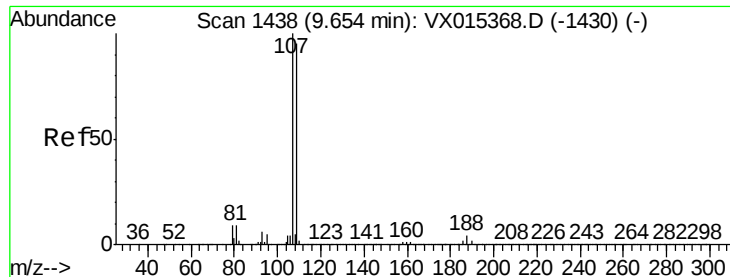
Tot Ion: 43 Resp: 1559956
Ion Ratio Lower Upper
43 100
58 50.9 25.6 76.6



#60
Dibromochloromethane
Concen: 21.157 ug/l
RT: 9.57 min Scan# 1424
Delta R.T. -0.00 min
Lab File: VX015367.D
Acq: 26 Mar 2020 20:16

Tgt Ion: 129 Resp: 284880
Ion Ratio Lower Upper
129 100
127 78.7 38.2 114.6

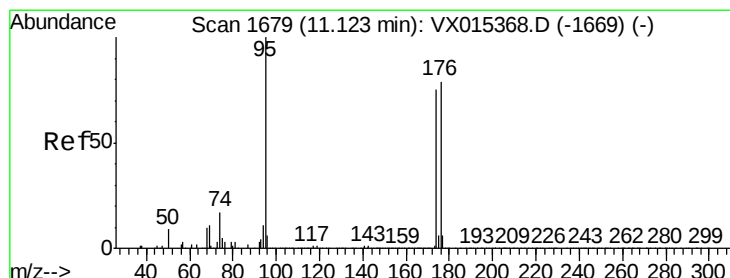
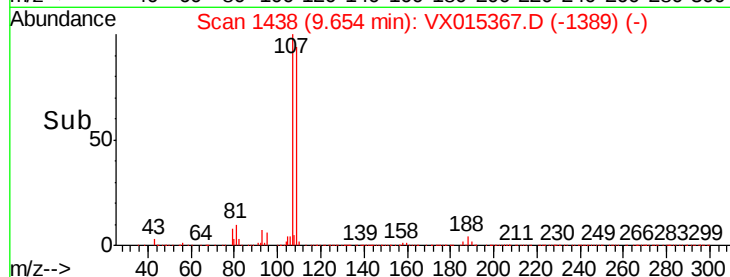
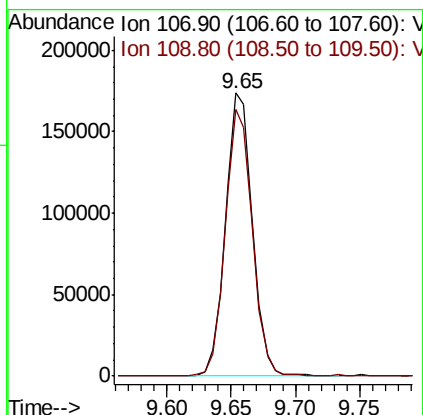
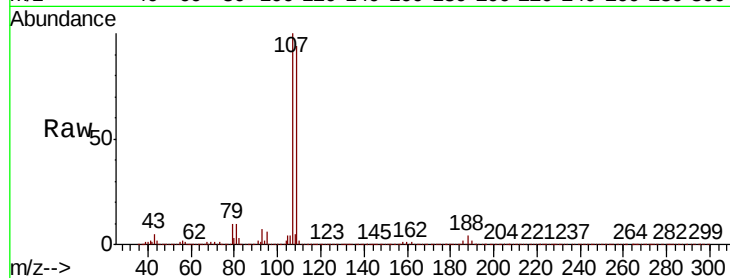




#61
 1,2-Dibromoethane
 Concen: 18.462 ug/l
 RT: 9.65 min Scan# 1438
 Delta R.T. -0.00 min
 Lab File: VX015367.D
 Acq: 26 Mar 2020 20:16

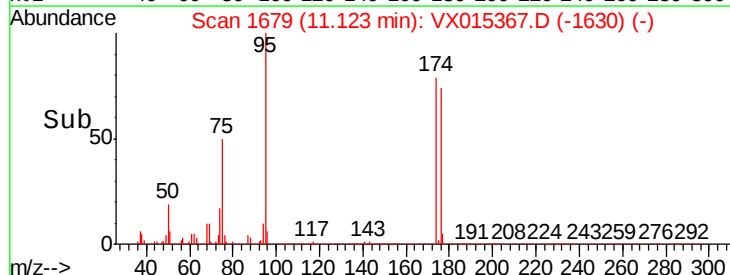
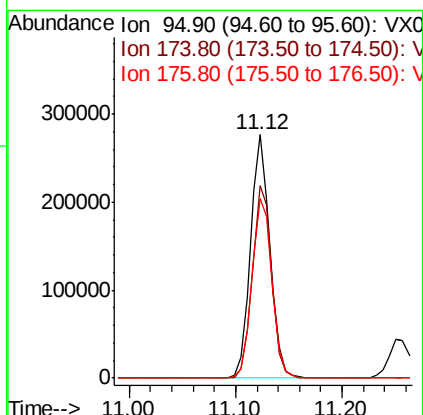
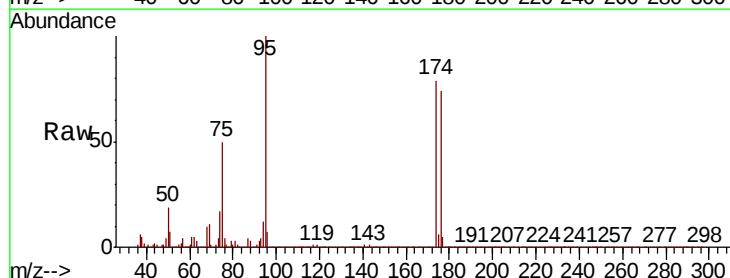
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

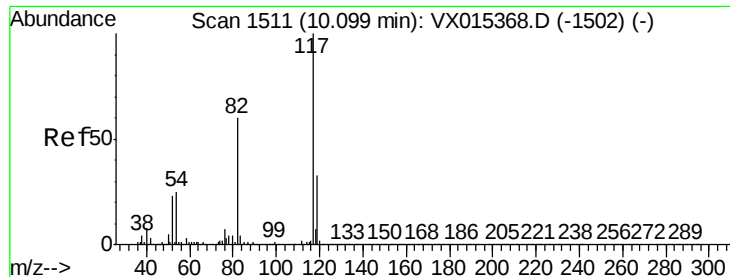
Tot Ion:107 Resp: 253173
 Ion Ratio Lower Upper
 107 100
 109 94.7 74.8 112.2



#62
 4-Bromofluorobenzene
 Concen: 21.207 ug/l
 RT: 11.12 min Scan# 1679
 Delta R.T. -0.00 min
 Lab File: VX015367.D
 Acq: 26 Mar 2020 20:16

Tgt Ion: 95 Resp: 348323
 Ion Ratio Lower Upper
 95 100
 174 80.8 0.0 158.6
 176 76.7 0.0 159.0

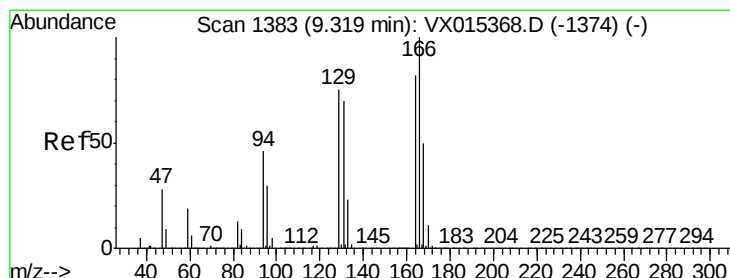
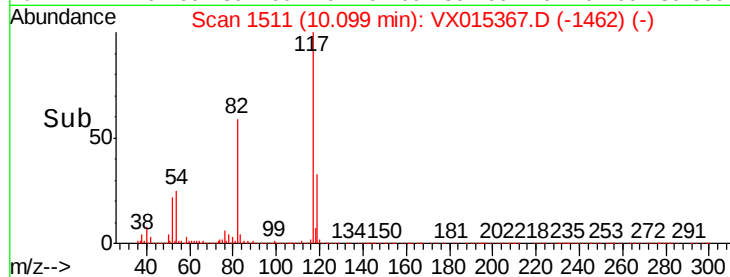
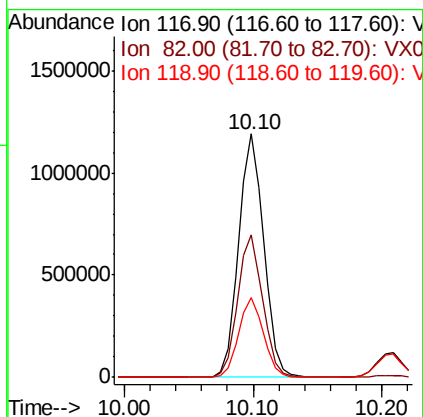
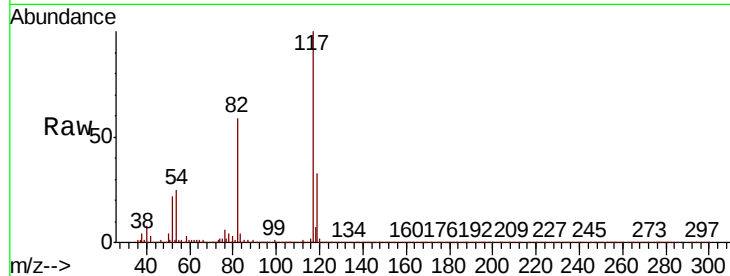




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1511
Delta R.T. -0.00 min
Lab File: VX015367.D
Acq: 26 Mar 2020 20:16

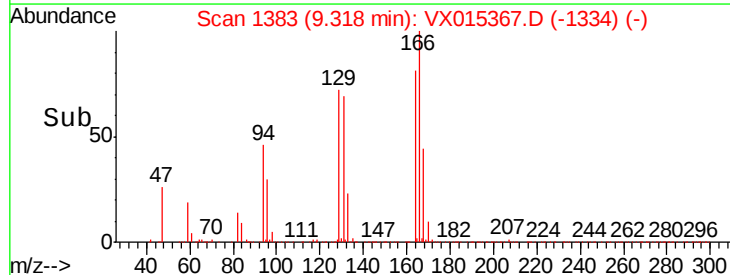
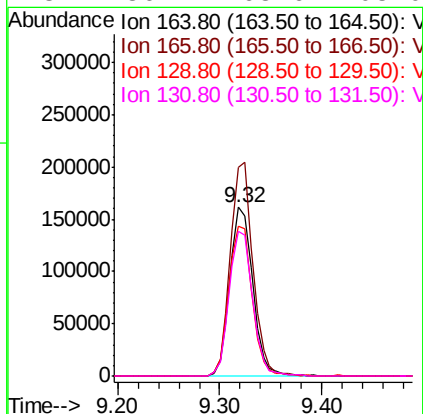
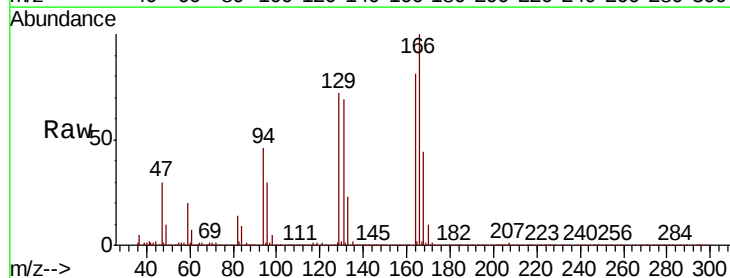
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

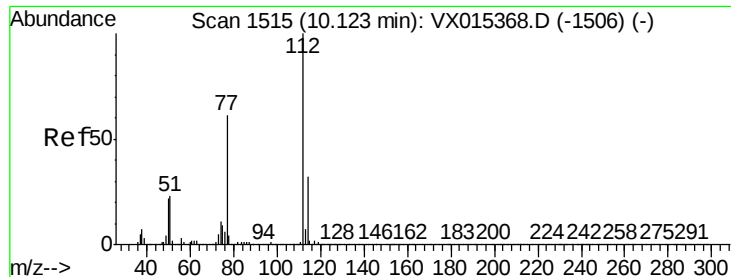
Tot Ion:117 Resp: 1607174
Ion Ratio Lower Upper
117 100
82 58.7 47.8 71.8
119 33.0 26.8 40.2



#64
Tetrachloroethene
Concen: 21.605 ug/l
RT: 9.32 min Scan# 1383
Delta R.T. -0.00 min
Lab File: VX015367.D
Acq: 26 Mar 2020 20:16

Tgt Ion:164 Resp: 249812
Ion Ratio Lower Upper
164 100
166 124.0 97.8 146.6
129 88.8 73.0 109.4
131 86.1 68.6 103.0





#65

Chlorobenzene

Concen: 19.185 ug/l

RT: 10.12 min Scan# 1515

Delta R.T. -0.00 min

Lab File: VX015367.D

Acq: 26 Mar 2020 20:16

Instrument :

MSVOA_X

ClientSampleId :

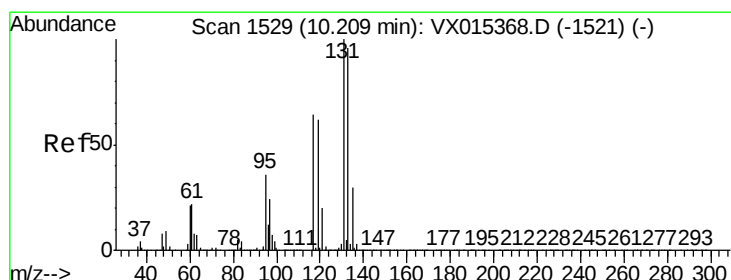
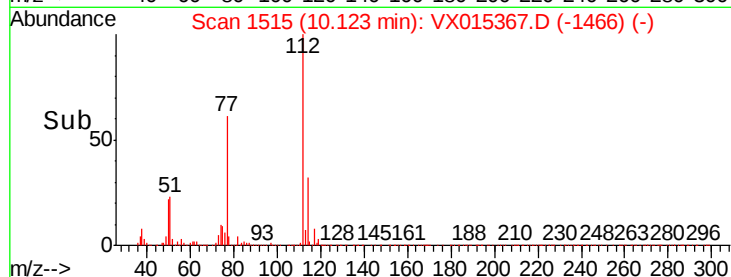
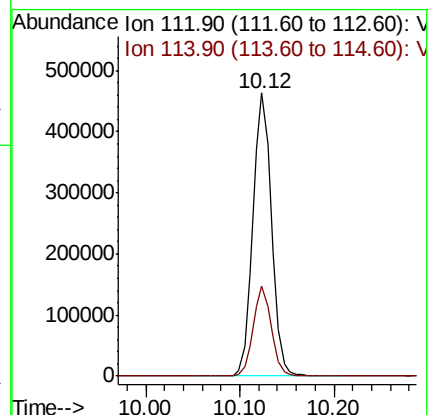
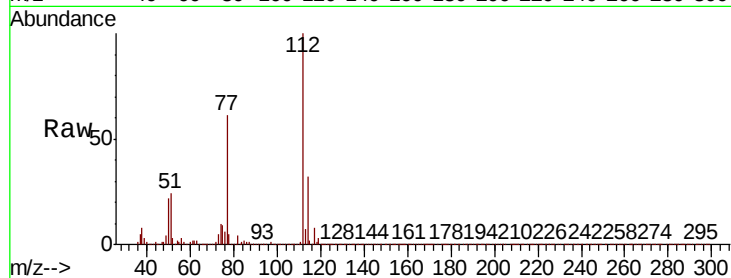
VSTDIC020

Tot Ion:112 Resp: 642184

Ion Ratio Lower Upper

112 100

114 31.6 25.5 38.3



#66

1,1,1,2-Tetrachloroethane

Concen: 20.003 ug/l

RT: 10.21 min Scan# 1529

Delta R.T. -0.00 min

Lab File: VX015367.D

Acq: 26 Mar 2020 20:16

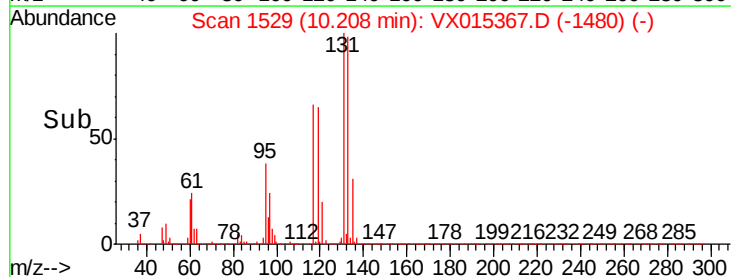
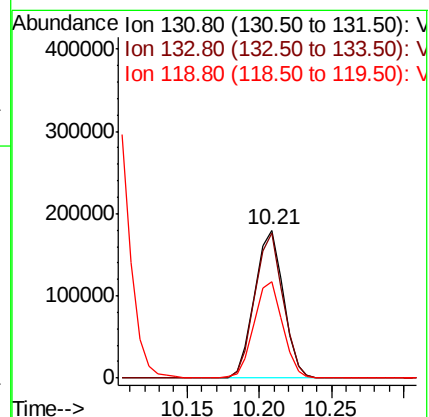
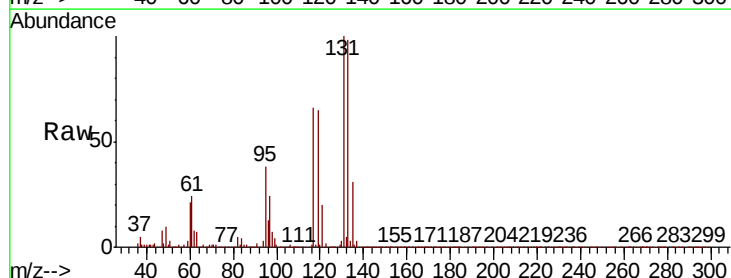
Tgt Ion:131 Resp: 247818

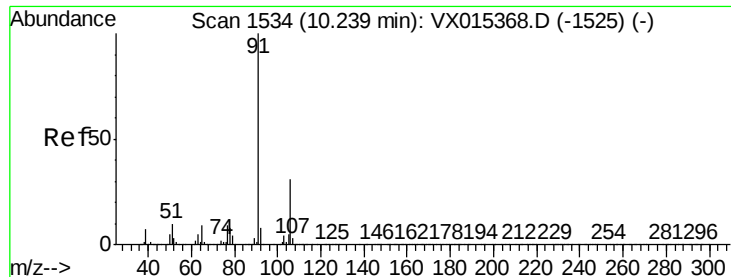
Ion Ratio Lower Upper

131 100

133 96.2 47.6 142.9

119 64.5 31.1 93.3





#67

Ethyl Benzene

Concen: 20.209 ug/l

RT: 10.24 min Scan# 1534

Delta R.T. -0.00 min

Lab File: VX015367.D

Acq: 26 Mar 2020 20:16

Instrument :

MSVOA_X

ClientSampleId :

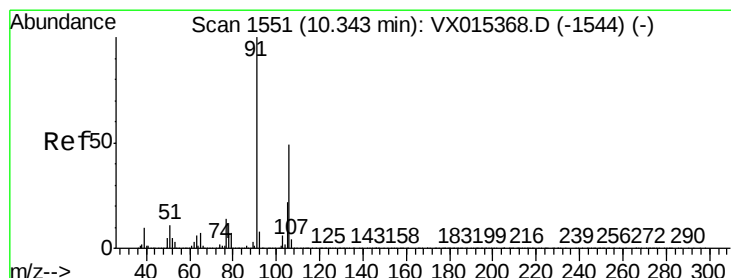
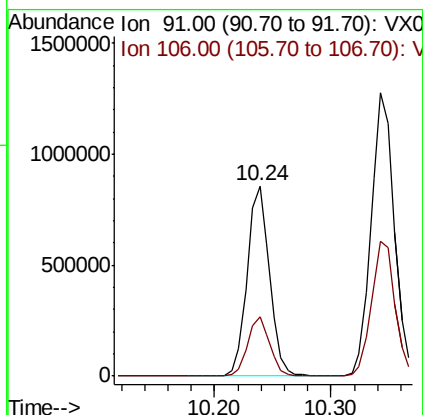
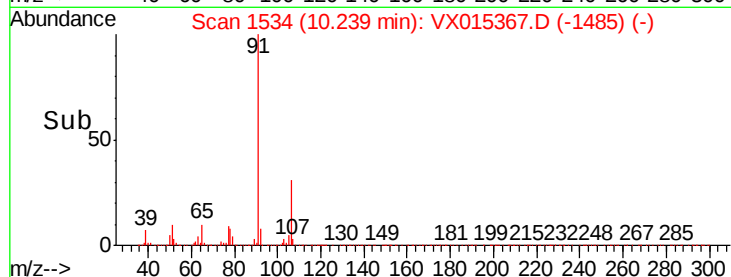
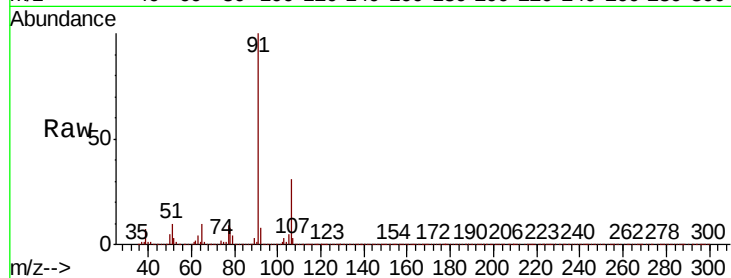
VSTDIC020

Tot Ion: 91 Resp: 1150573

Ion Ratio Lower Upper

91 100

106 31.0 24.8 37.2



#68

m/p-Xylenes

Concen: 39.874 ug/l

RT: 10.34 min Scan# 1551

Delta R.T. -0.00 min

Lab File: VX015367.D

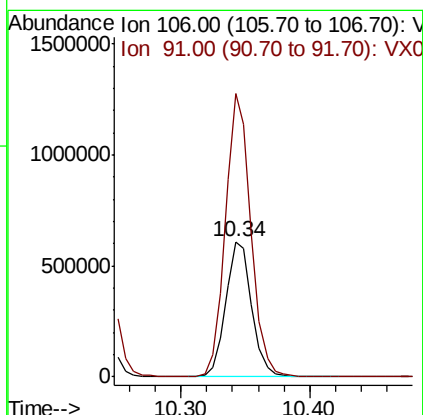
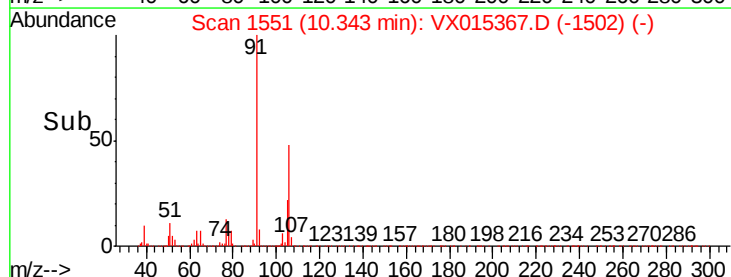
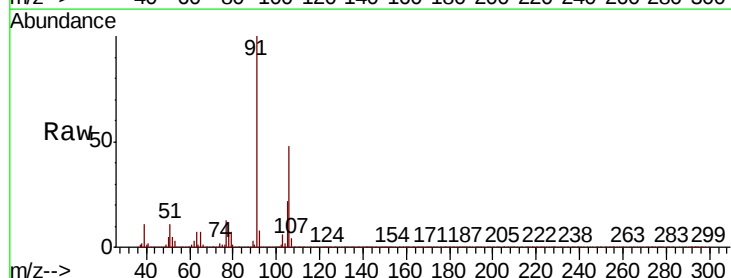
Acq: 26 Mar 2020 20:16

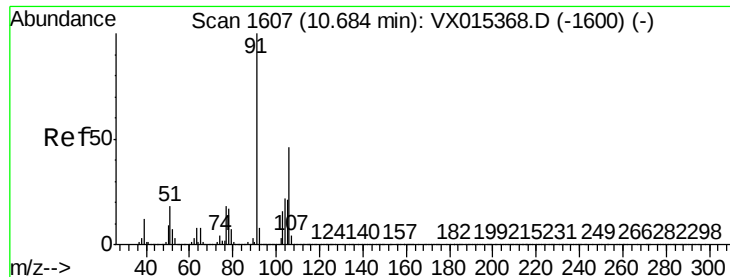
Tgt Ion: 106 Resp: 859764

Ion Ratio Lower Upper

106 100

91 205.8 163.4 245.0

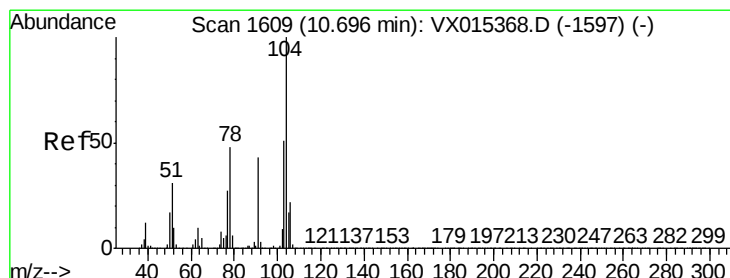
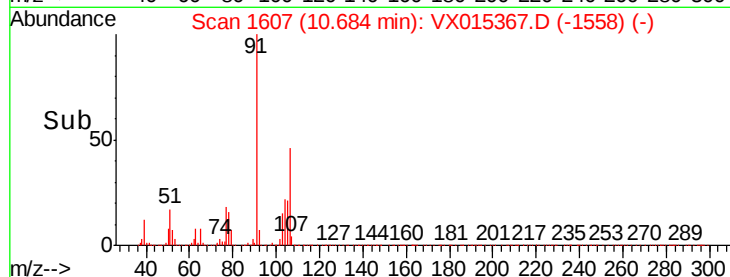
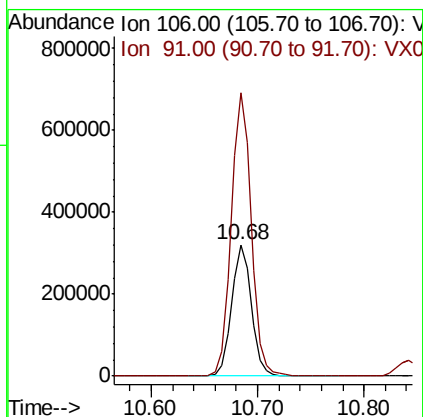
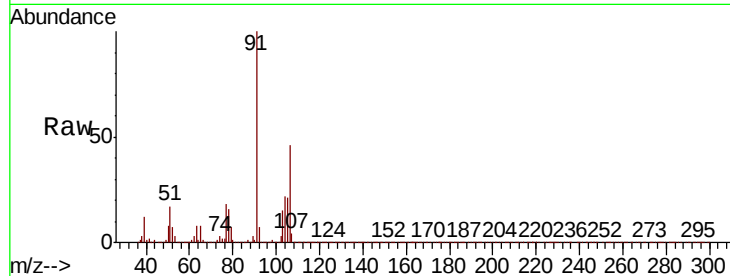




#69
o-Xylene
Concen: 19.844 ug/l
RT: 10.68 min Scan# 1607
Delta R.T. -0.00 min
Lab File: VX015367.D
Acq: 26 Mar 2020 20:16

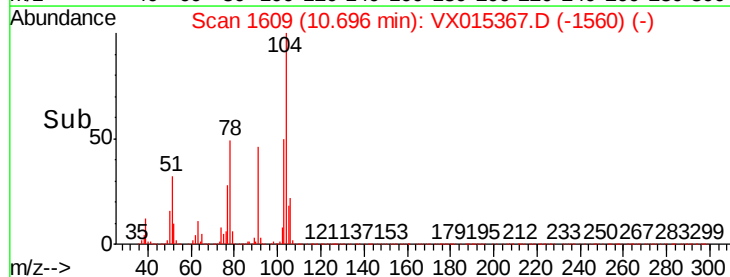
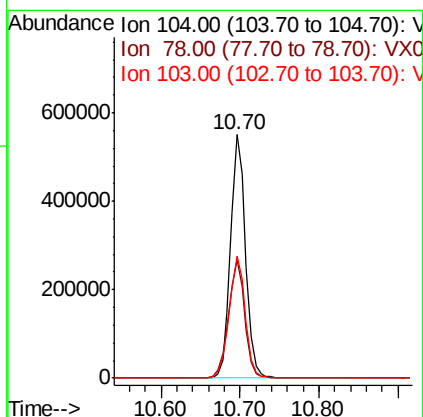
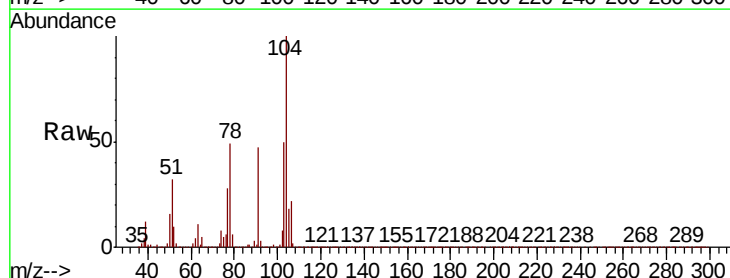
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

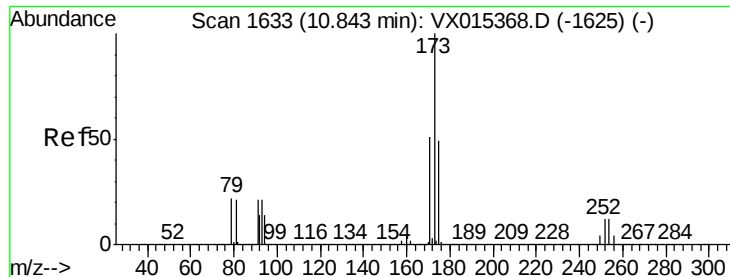
Tot Ion:106 Resp: 415919
Ion Ratio Lower Upper
106 100
91 218.7 107.1 321.3



#70
Styrene
Concen: 20.657 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. -0.00 min
Lab File: VX015367.D
Acq: 26 Mar 2020 20:16

Tgt Ion:104 Resp: 723529
Ion Ratio Lower Upper
104 100
78 52.7 42.0 63.0
103 54.1 43.4 65.0





#71

Bromoform

Concen: 26.727 ug/l

RT: 10.84 min Scan# 1633

Delta R.T. -0.00 min

Lab File: VX015367.D

Acq: 26 Mar 2020 20:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

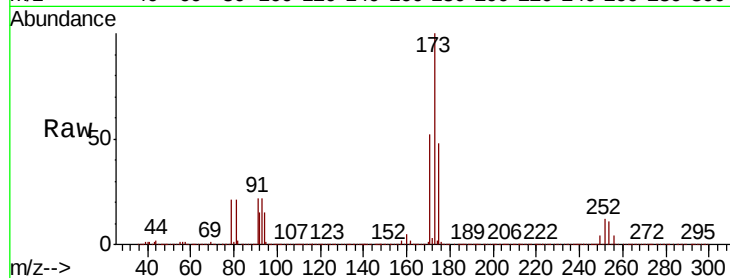
Tot Ion:173 Resp: 228952

Ion Ratio Lower Upper

173 100

175 47.0 23.9 71.7

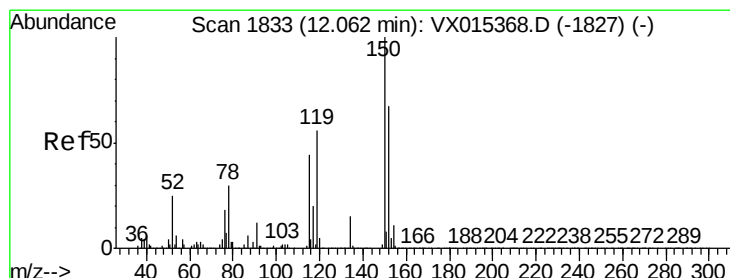
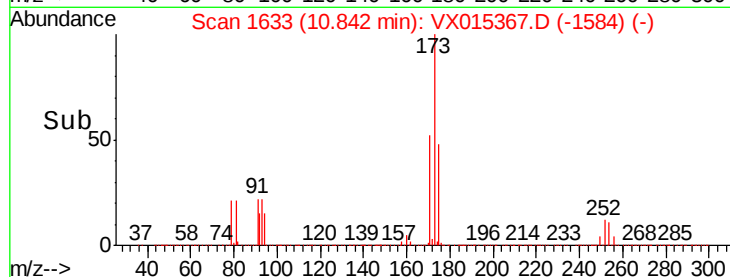
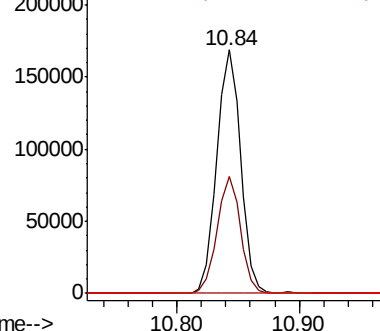
254 0.2 0.1 0.1#



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: VX015367.D

Acq: 26 Mar 2020 20:16

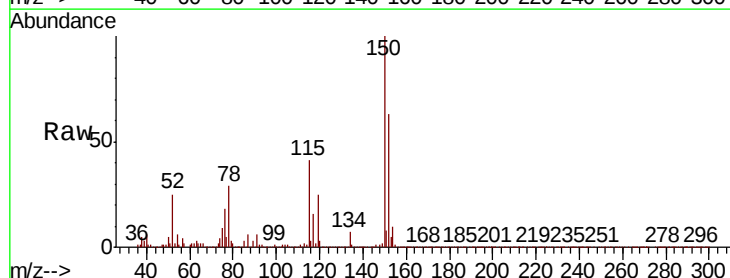
Tgt Ion:152 Resp: 835567

Ion Ratio Lower Upper

152 100

115 66.5 39.0 116.9

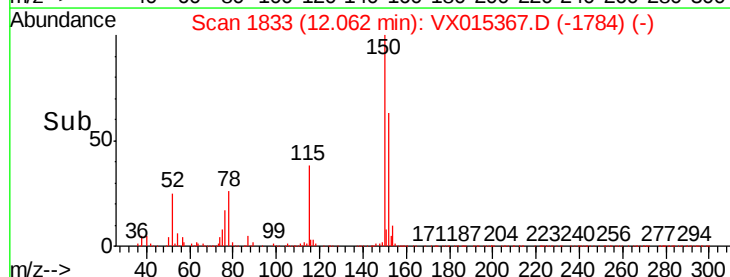
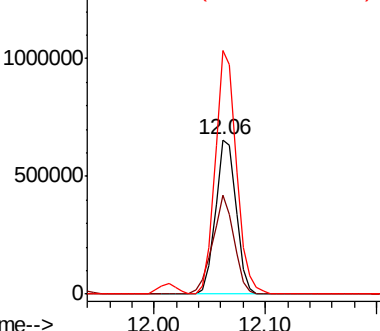
150 162.4 0.0 340.8

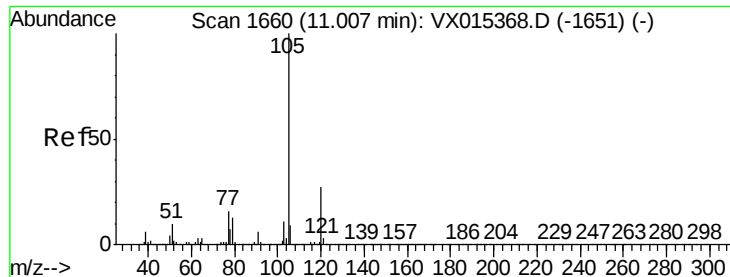


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 18.433 ug/l

RT: 11.01 min Scan# 1660

Delta R.T. -0.00 min

Lab File: VX015367.D

Acq: 26 Mar 2020 20:16

Instrument :

MSVOA_X

ClientSampleId :

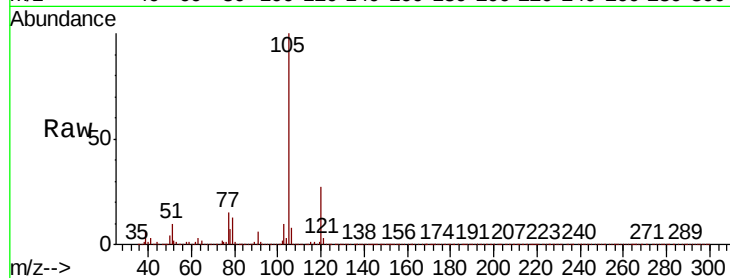
VSTDIC020

Tot Ion:105 Resp: 1122567

Ion Ratio Lower Upper

105 100

120 26.4 13.2 39.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

11.01

800000

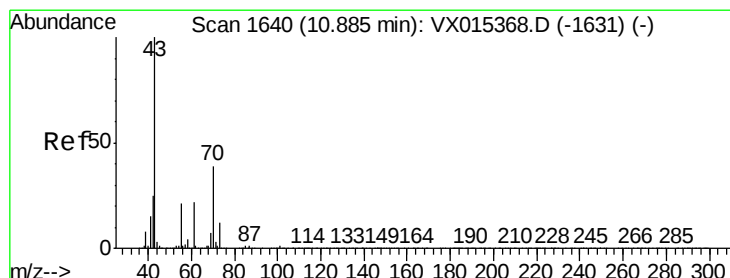
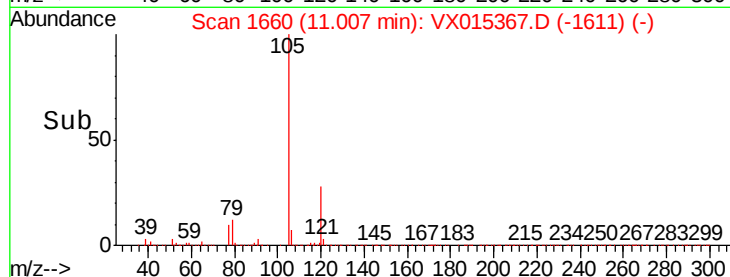
600000

400000

200000

0

Time-->



#74

N-ethyl acetate

Concen: 25.785 ug/l

RT: 10.88 min Scan# 1639

Delta R.T. -0.01 min

Lab File: VX015367.D

Acq: 26 Mar 2020 20:16

Tgt Ion: 43 Resp: 595550

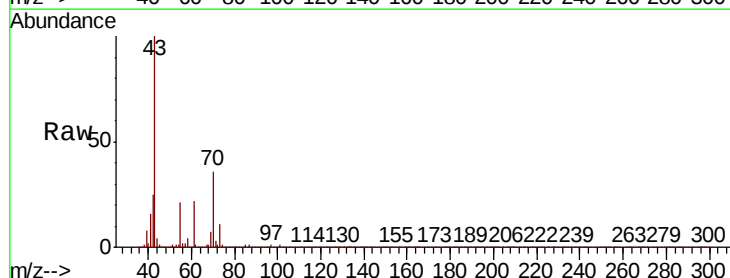
Ion Ratio Lower Upper

43 100

70 37.8 30.2 45.4

55 21.7 16.8 25.2

61 22.6 18.2 27.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

10.88

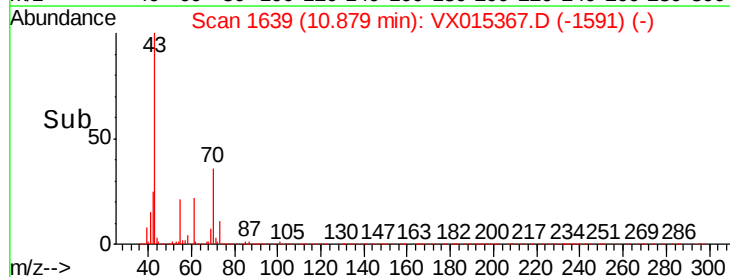
600000

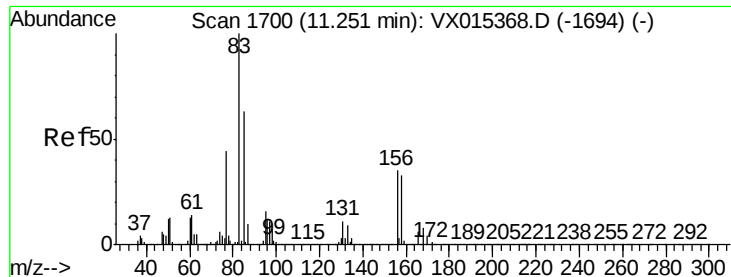
400000

200000

0

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 18.843 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. -0.00 min

Lab File: VX015367.D

Acq: 26 Mar 2020 20:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

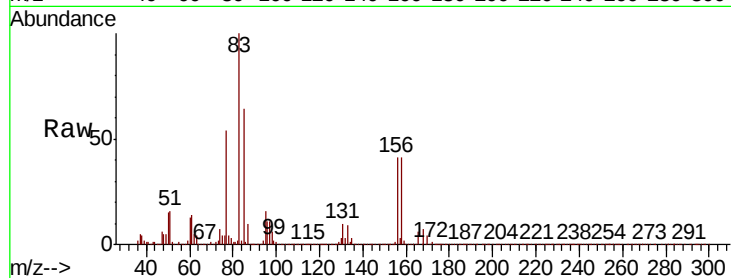
Tot Ion: 83 Resp: 366994

Ion Ratio Lower Upper

83 100

131 10.4 5.3 16.1

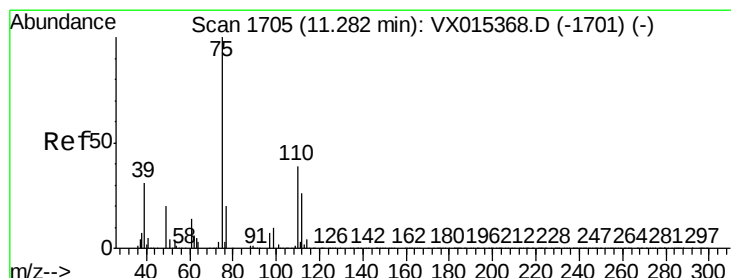
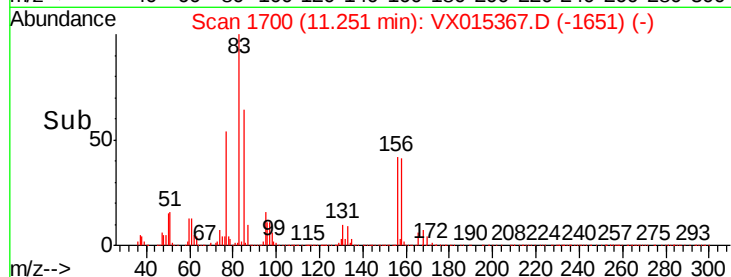
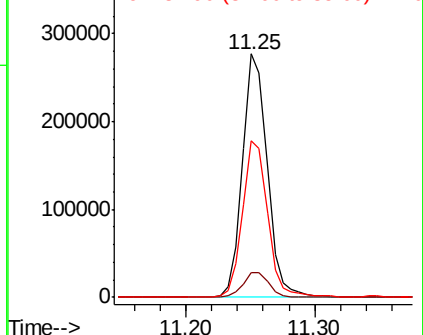
85 64.6 32.0 96.0



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: 25.905 ug/l

RT: 11.28 min Scan# 1705

Delta R.T. -0.00 min

Lab File: VX015367.D

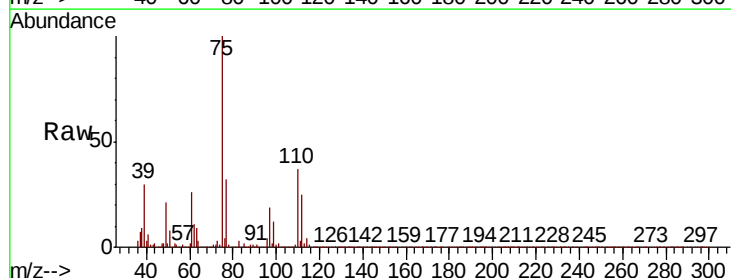
Acq: 26 Mar 2020 20:16

Tgt Ion: 75 Resp: 455563

Ion Ratio Lower Upper

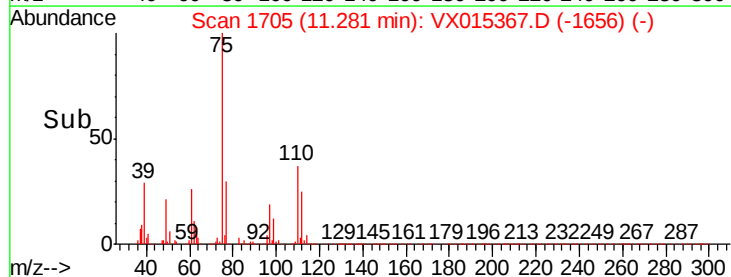
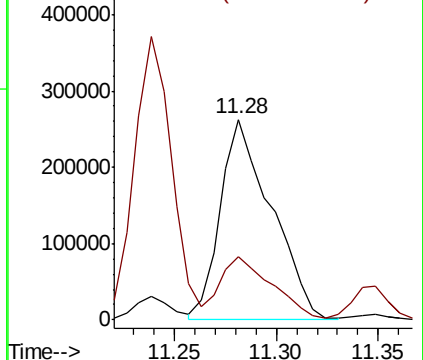
75 100

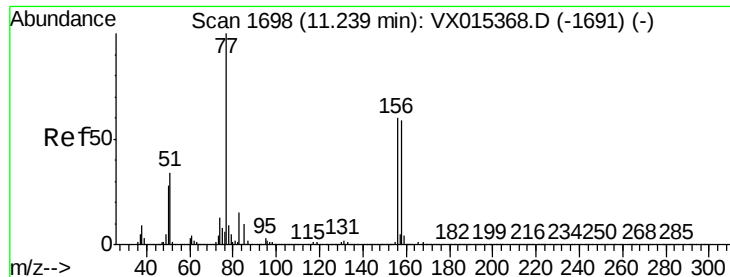
77 31.7 21.2 63.6



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0

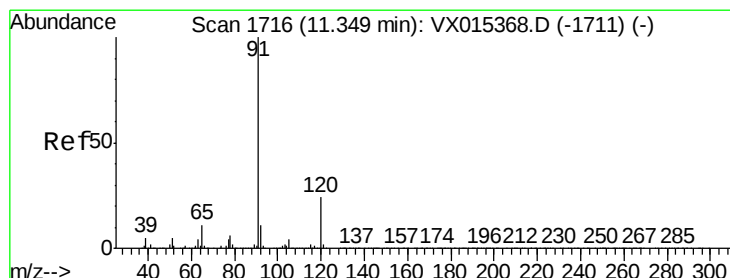
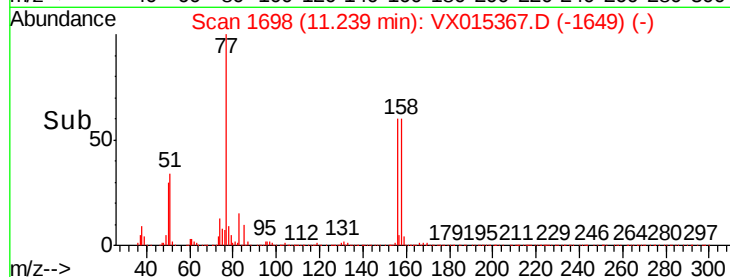
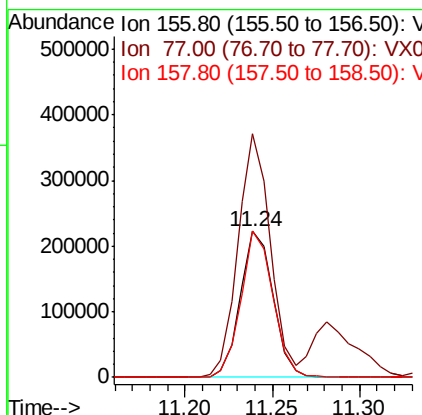
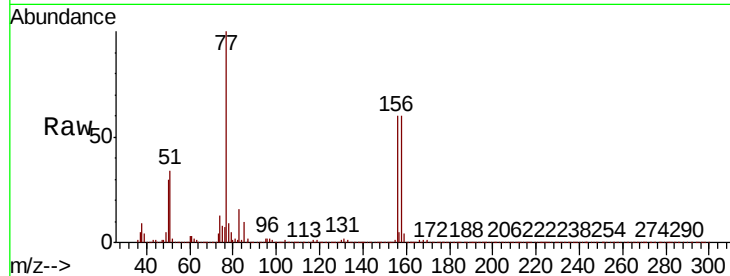




#77
Bromobenzene
Concen: 19.775 ug/l
RT: 11.24 min Scan# 1698
Delta R.T. -0.00 min
Lab File: VX015367.D
Acq: 26 Mar 2020 20:16

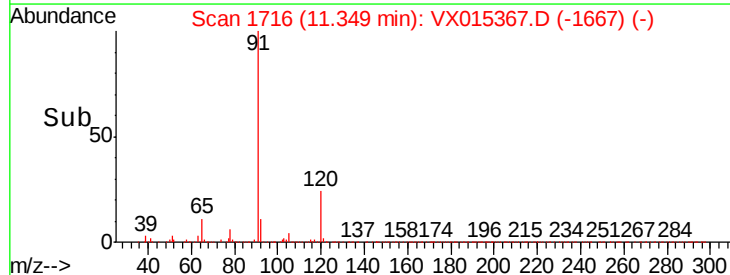
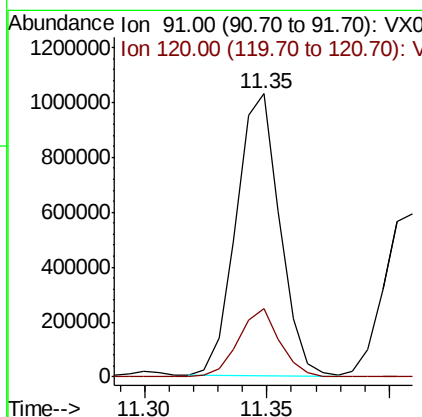
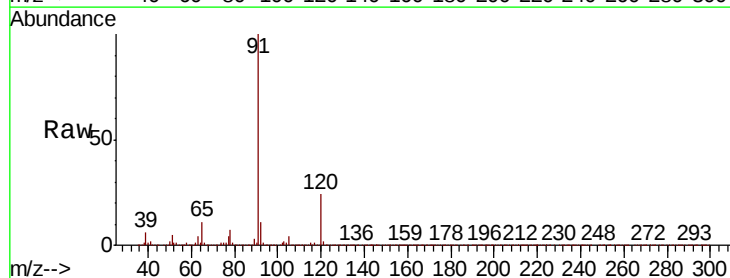
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

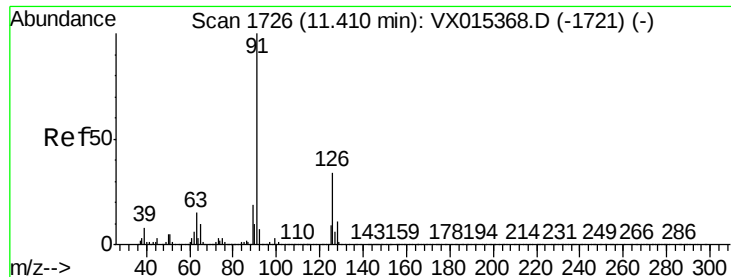
Tot Ion:156 Resp: 288751
Ion Ratio Lower Upper
156 100
77 164.0 82.2 246.5
158 98.5 49.3 147.9



#78
n-propylbenzene
Concen: 18.697 ug/l
RT: 11.35 min Scan# 1716
Delta R.T. -0.00 min
Lab File: VX015367.D
Acq: 26 Mar 2020 20:16

Tgt Ion: 91 Resp: 1279024
Ion Ratio Lower Upper
91 100
120 23.0 11.7 35.0





#79

2-Chlorotoluene

Concen: 18.383 ug/l

RT: 11.41 min Scan# 1726

Delta R.T. -0.00 min

Lab File: VX015367.D

Acq: 26 Mar 2020 20:16

Instrument :

MSVOA_X

ClientSampleId :

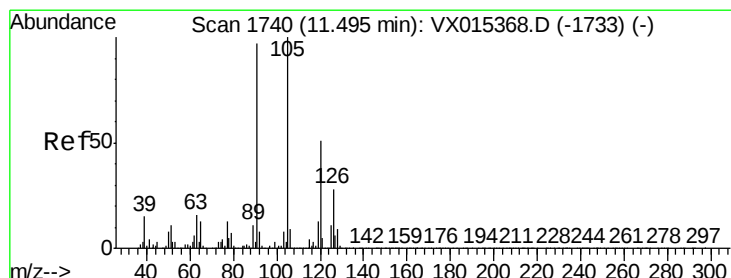
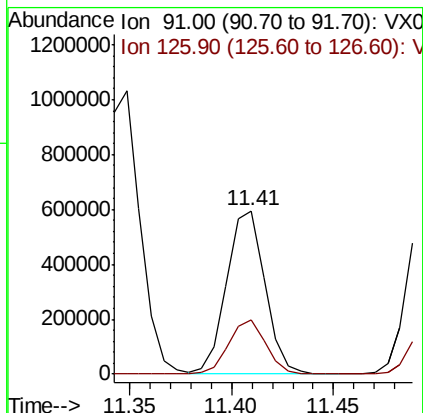
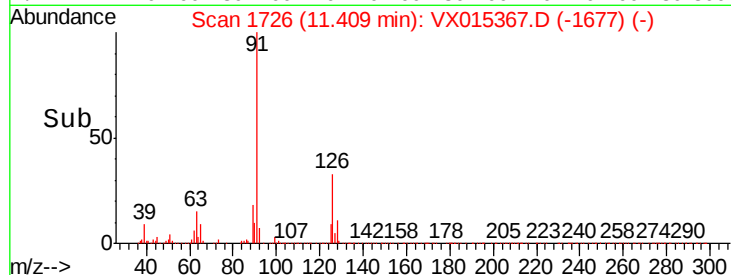
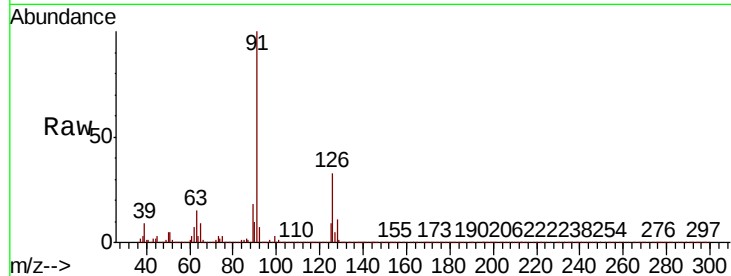
VSTDIC020

Tot Ion: 91 Resp: 765580

Ion Ratio Lower Upper

91 100

126 32.6 16.5 49.5



#80

1,3,5-Trimethylbenzene

Concen: 19.449 ug/l

RT: 11.49 min Scan# 1740

Delta R.T. -0.00 min

Lab File: VX015367.D

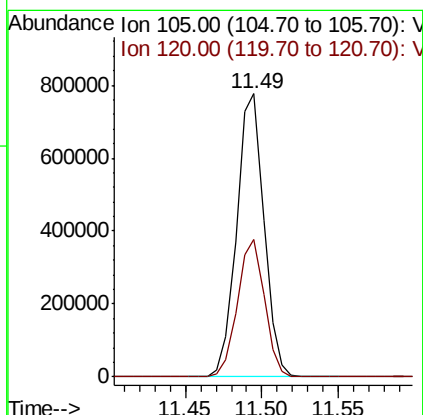
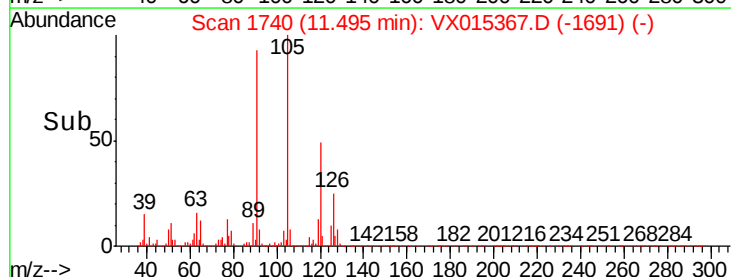
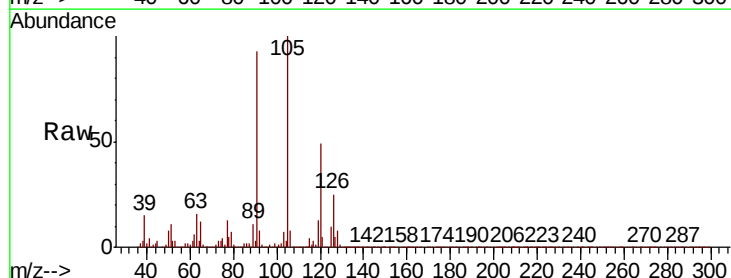
Acq: 26 Mar 2020 20:16

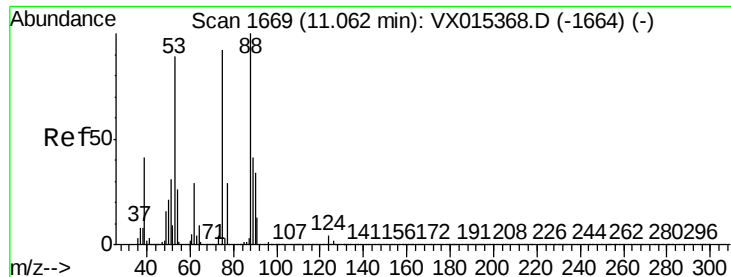
Tgt Ion: 105 Resp: 956819

Ion Ratio Lower Upper

105 100

120 48.2 24.8 74.4





#81

trans-1,4-Dichloro-2-butene

Concen: 21.211 ug/l

RT: 11.06 min Scan# 1669

Delta R.T. -0.00 min

Lab File: VX015367.D

Acq: 26 Mar 2020 20:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

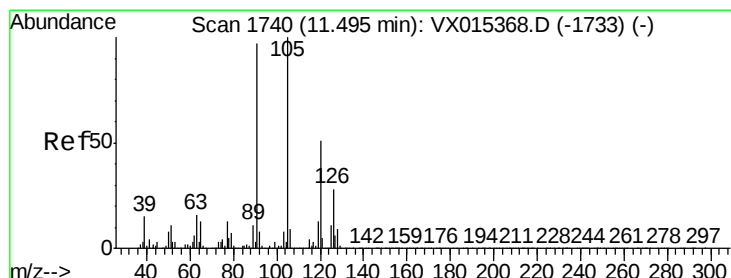
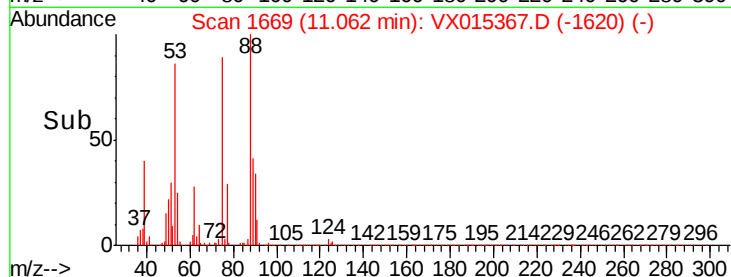
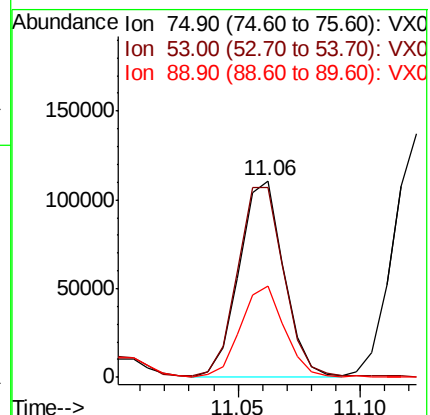
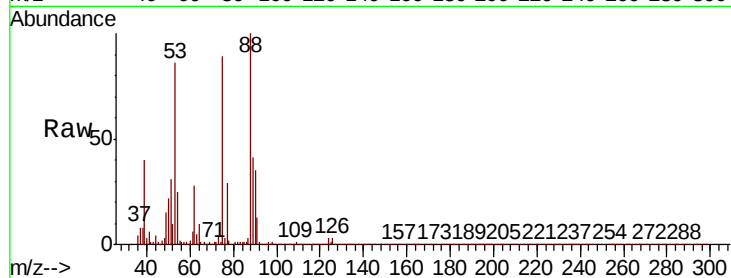
Tot Ion: 75 Resp: 139620

Ion Ratio Lower Upper

75 100

53 100.4 80.1 120.1

89 45.7 36.1 54.1



#82

4-Chlorotoluene

Concen: 19.164 ug/l

RT: 11.49 min Scan# 1740

Delta R.T. -0.00 min

Lab File: VX015367.D

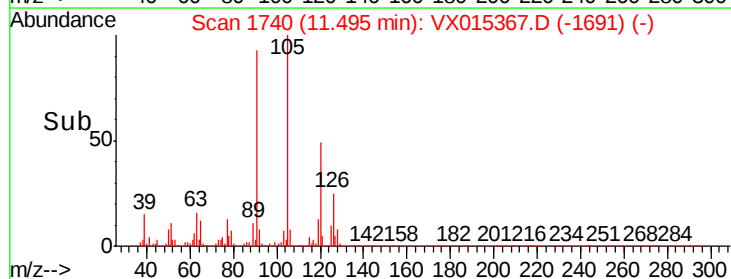
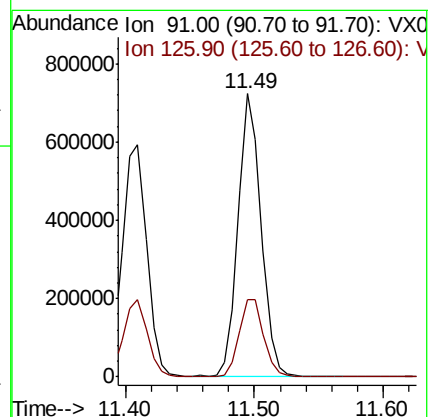
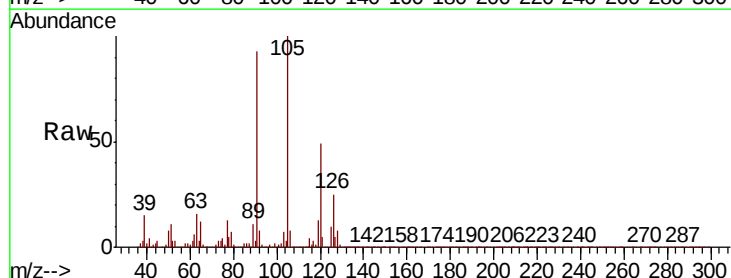
Acq: 26 Mar 2020 20:16

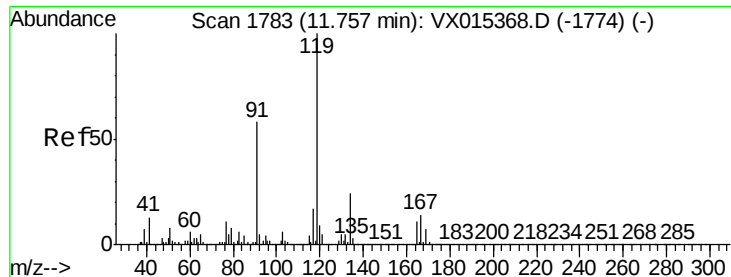
Tgt Ion: 91 Resp: 906140

Ion Ratio Lower Upper

91 100

126 28.9 14.7 44.1

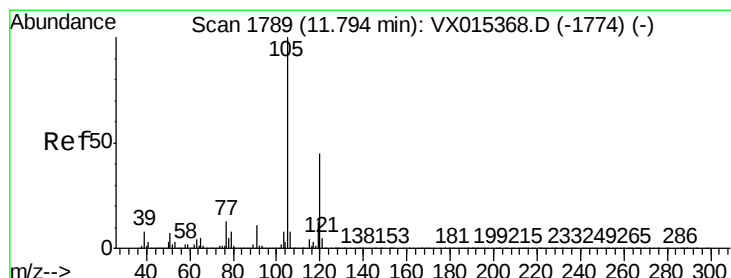
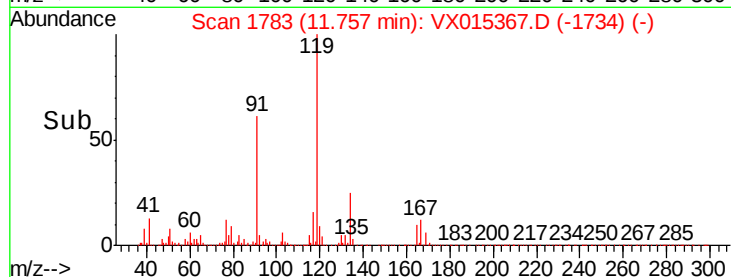
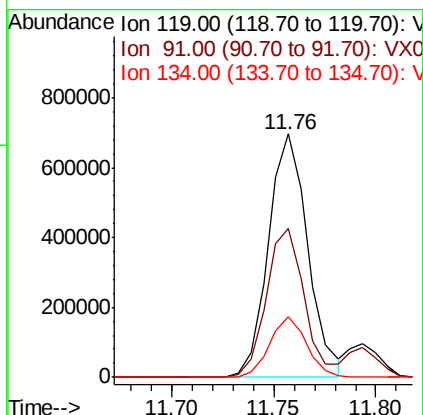
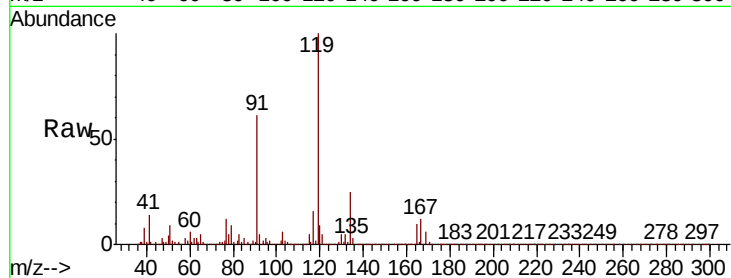




#83
tert-Butylbenzene
Concen: 19.416 ug/l
RT: 11.76 min Scan# 1783
Delta R.T. -0.00 min
Lab File: VX015367.D
Acq: 26 Mar 2020 20:16

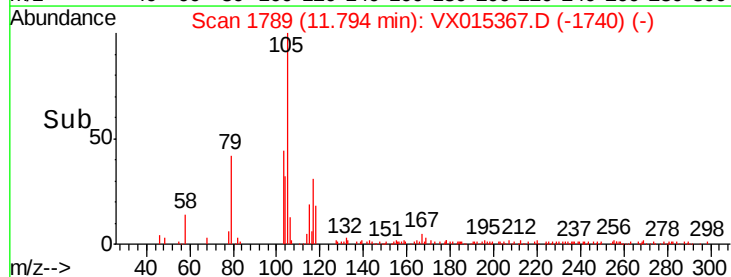
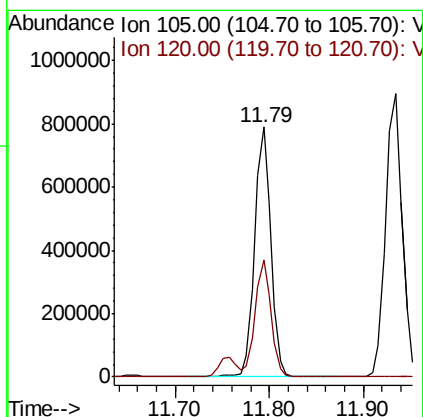
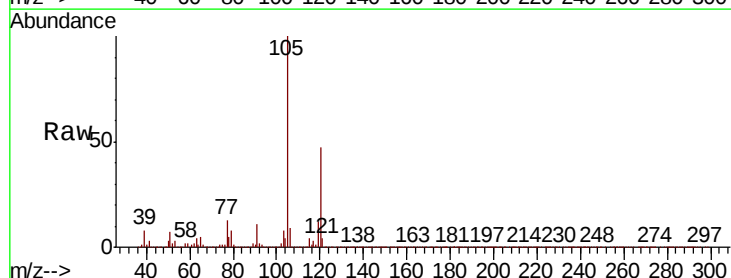
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

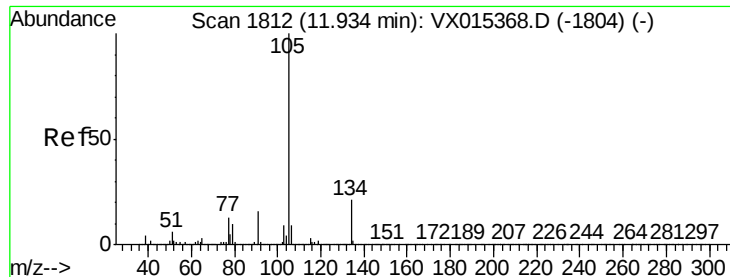
Tot Ion	Ratio	Lower	Upper
119	100		
91	59.2	28.6	85.8
134	23.2	11.8	35.3



#84
1,2,4-Trimethylbenzene
Concen: 18.860 ug/l
RT: 11.79 min Scan# 1789
Delta R.T. -0.00 min
Lab File: VX015367.D
Acq: 26 Mar 2020 20:16

Tgt Ion	Ratio	Lower	Upper
105	100		
120	46.2	22.7	68.1





#85

sec-Butylbenzene

Concen: 19.153 ug/l

RT: 11.93 min Scan# 1812

Delta R.T. -0.00 min

Lab File: VX015367.D

Acq: 26 Mar 2020 20:16

Instrument :

MSVOA_X

ClientSampleId :

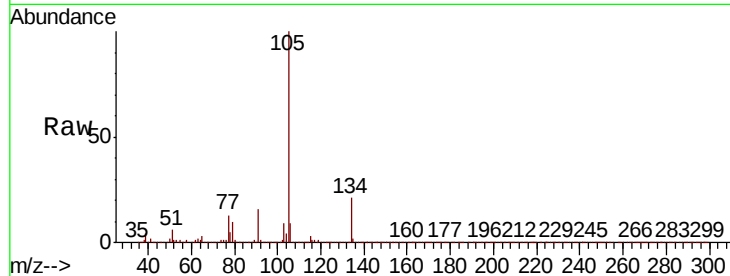
VSTDIC020

Tot Ion:105 Resp: 1095758

Ion Ratio Lower Upper

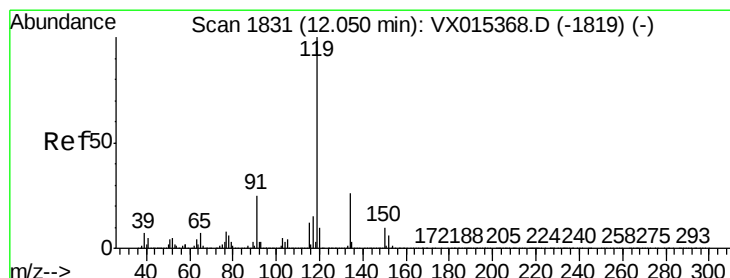
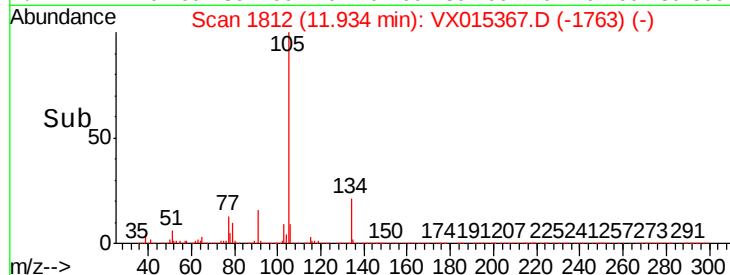
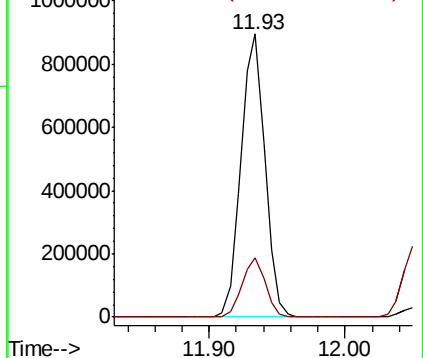
105 100

134 20.5 10.4 31.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 19.790 ug/l

RT: 12.05 min Scan# 1831

Delta R.T. -0.00 min

Lab File: VX015367.D

Acq: 26 Mar 2020 20:16

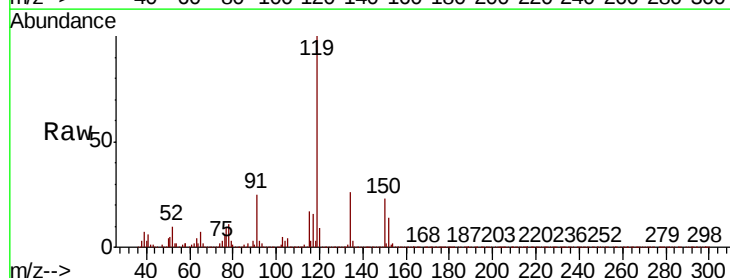
Tgt Ion:119 Resp: 1016817

Ion Ratio Lower Upper

119 100

134 25.7 13.1 39.3

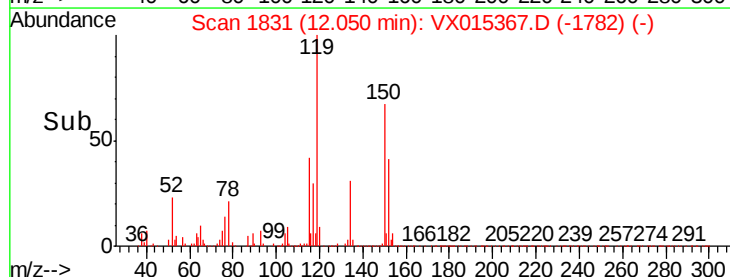
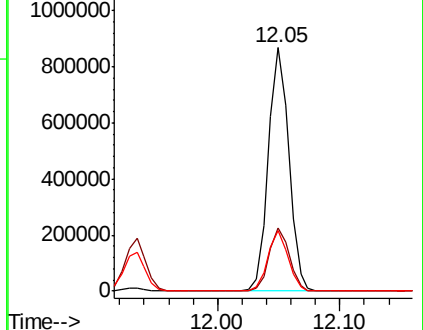
91 24.2 12.4 37.4

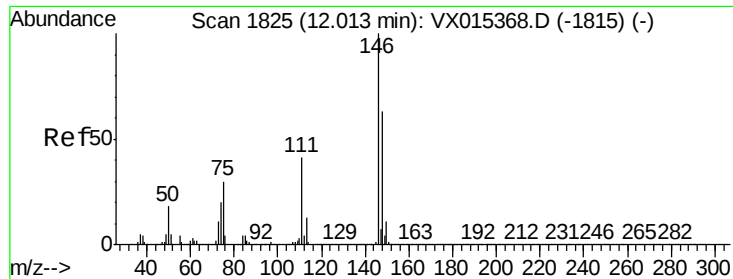


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0





#87

1,3-Dichlorobenzene

Concen: 18.877 ug/l

RT: 12.01 min Scan# 1825

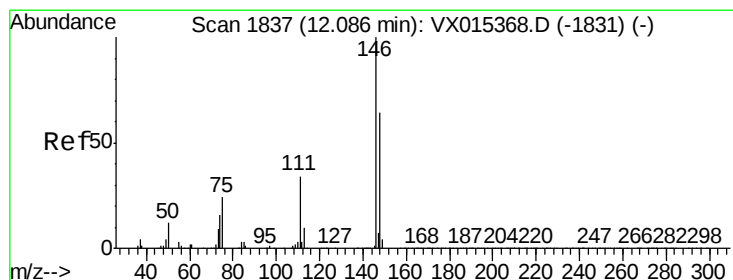
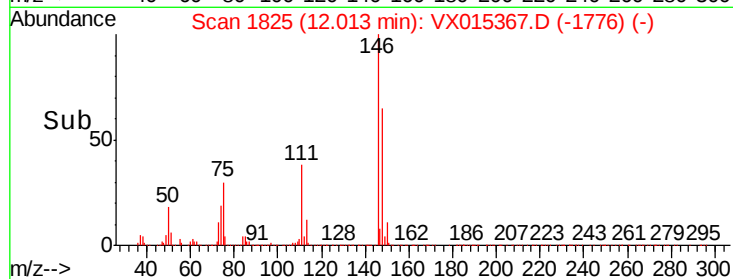
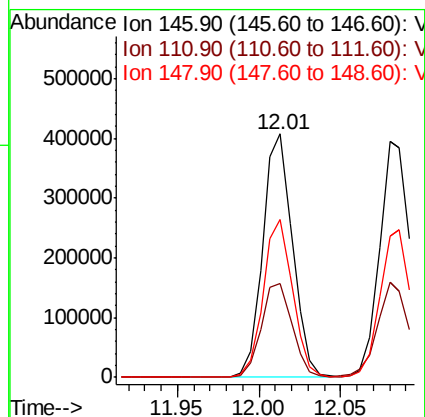
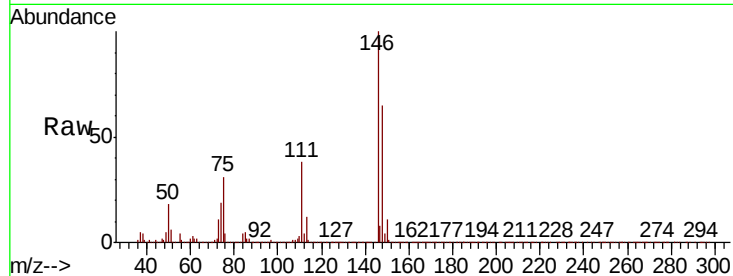
Delta R.T. -0.00 min

Lab File: VX015367.D

Acq: 26 Mar 2020 20:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.0	20.3	60.9
148	63.8	31.3	93.9



#88

1,4-Dichlorobenzene

Concen: 17.970 ug/l

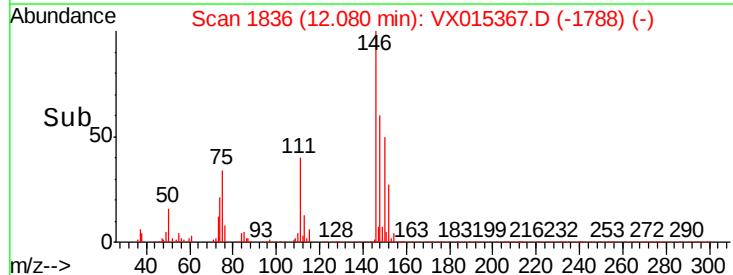
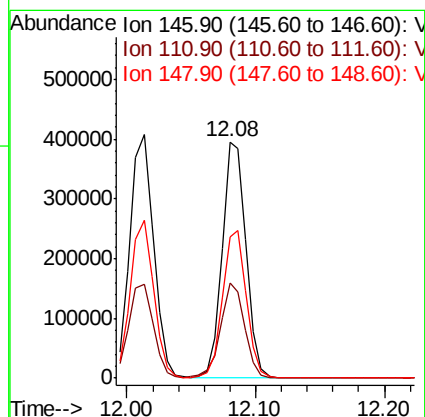
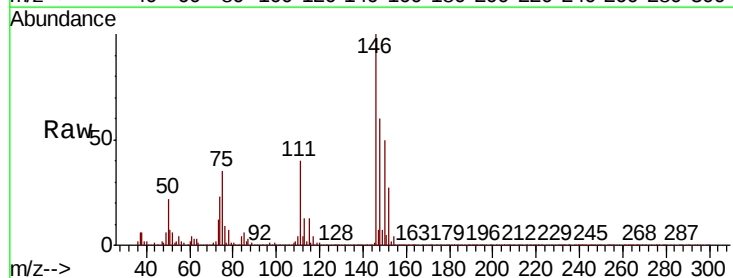
RT: 12.08 min Scan# 1836

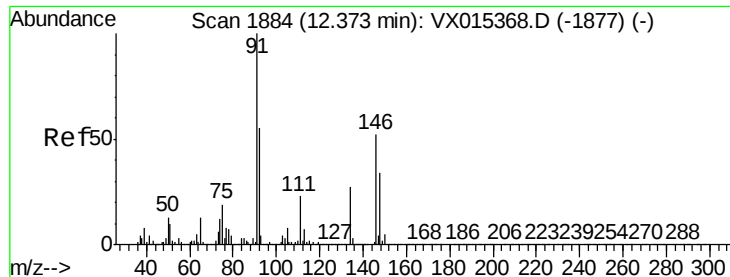
Delta R.T. -0.01 min

Lab File: VX015367.D

Acq: 26 Mar 2020 20:16

Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.6	19.1	57.5
148	62.8	32.4	97.2





#89

n-Butylbenzene

Concen: 18.689 ug/l

RT: 12.37 min Scan# 1884

Delta R.T. -0.00 min

Lab File: VX015367.D

Acq: 26 Mar 2020 20:16

Instrument :

MSVOA_X

ClientSampled :

VSTDIC020

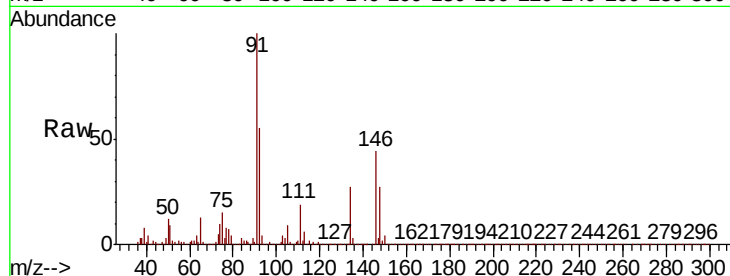
Tot Ion: 91 Resp: 903331

Ion Ratio Lower Upper

91 100

92 55.0 27.2 81.5

134 26.8 13.4 40.2

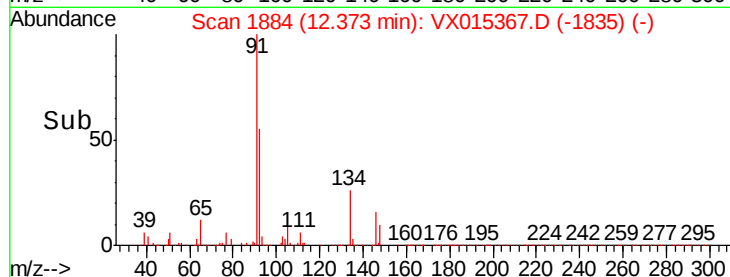


Abundance Ion 91.00 (90.70 to 91.70): VX015367.D (-1877) (-)

Ion 92.00 (91.70 to 92.70): VX015367.D (-1877) (-)

Ion 134.00 (133.70 to 134.70): VX015367.D (-1877) (-)

Time-->

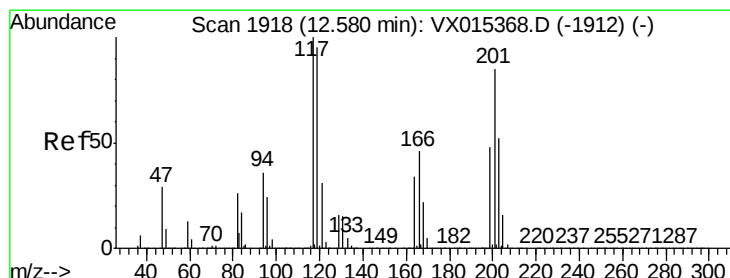


Abundance Ion 91.00 (90.70 to 91.70): VX015367.D (-1835) (-)

Ion 92.00 (91.70 to 92.70): VX015367.D (-1835) (-)

Ion 134.00 (133.70 to 134.70): VX015367.D (-1835) (-)

Time-->



#90

Hexachloroethane

Concen: 18.655 ug/l

RT: 12.58 min Scan# 1918

Delta R.T. -0.00 min

Lab File: VX015367.D

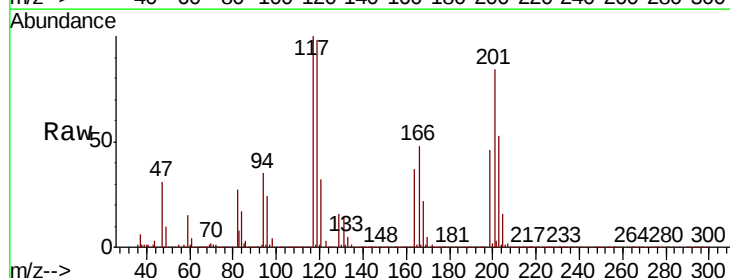
Acq: 26 Mar 2020 20:16

Tgt Ion: 117 Resp: 188251

Ion Ratio Lower Upper

117 100

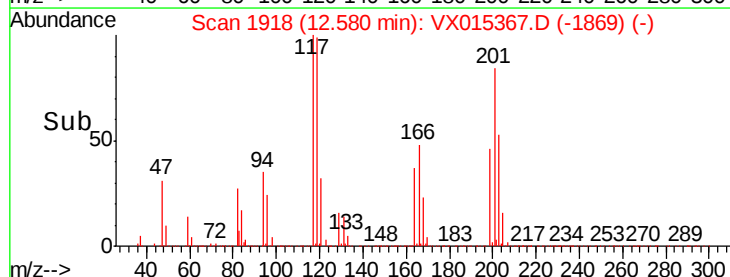
201 84.2 42.6 128.0



Abundance Ion 116.80 (116.50 to 117.50): VX015367.D (-1869) (-)

Ion 200.70 (200.40 to 201.40): VX015367.D (-1869) (-)

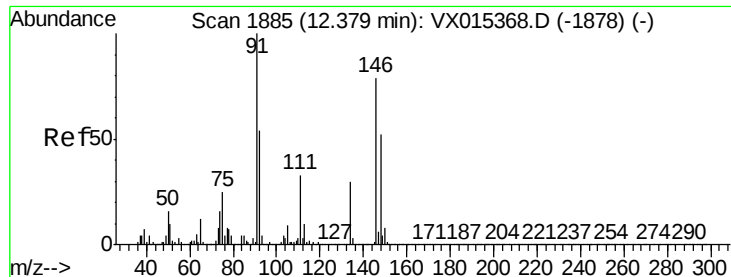
Time-->



Abundance Ion 116.80 (116.50 to 117.50): VX015367.D (-1869) (-)

Ion 200.70 (200.40 to 201.40): VX015367.D (-1869) (-)

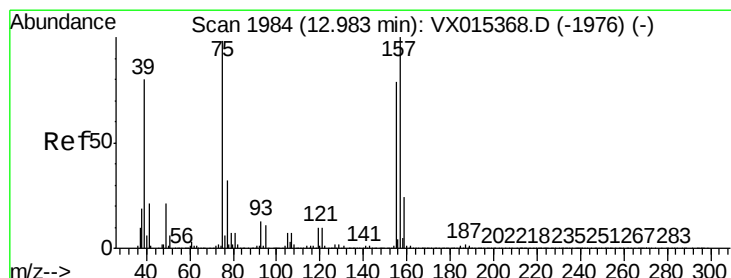
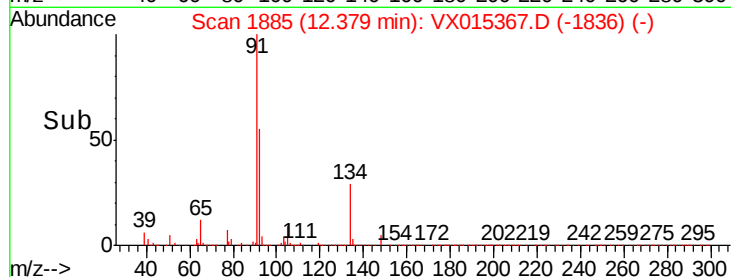
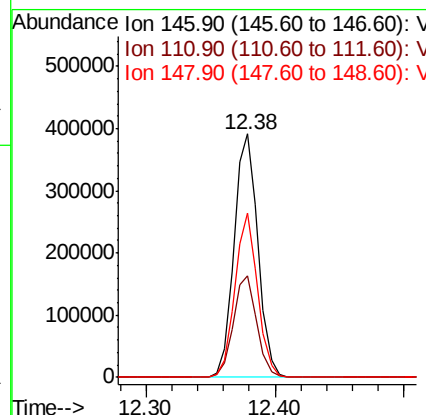
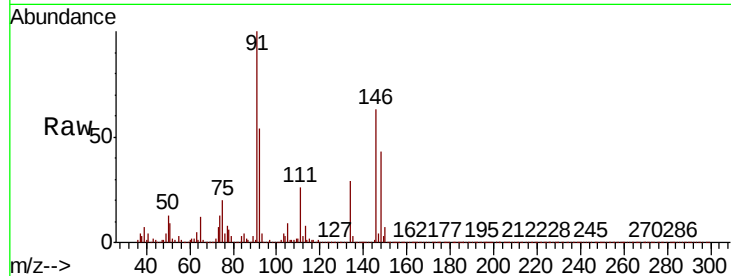
Time-->



#91
 1,2-Dichlorobenzene
 Concen: 18.400 ug/l
 RT: 12.38 min Scan# 1885
 Delta R.T. -0.00 min
 Lab File: VX015367.D
 Acq: 26 Mar 2020 20:16

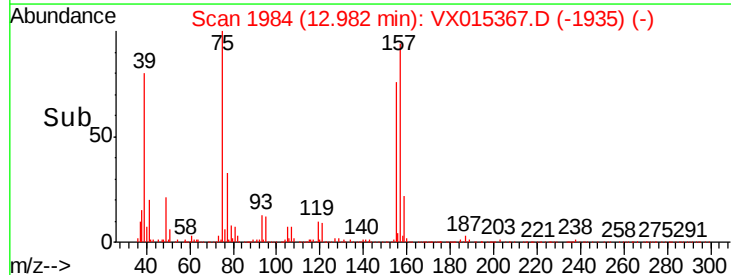
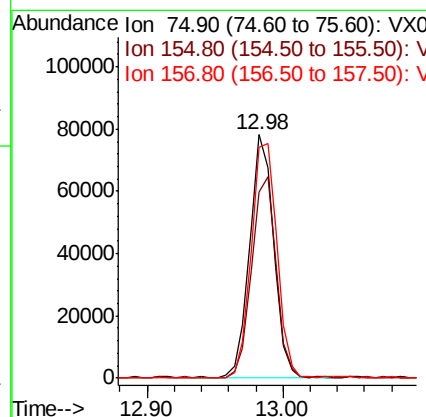
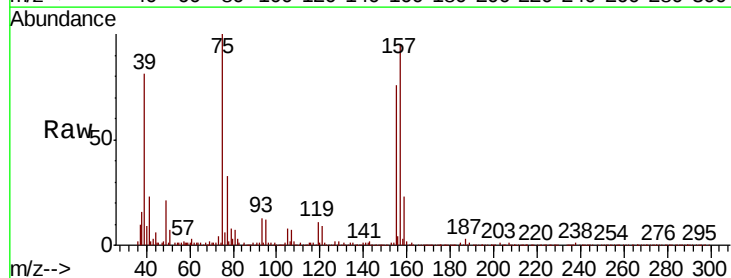
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

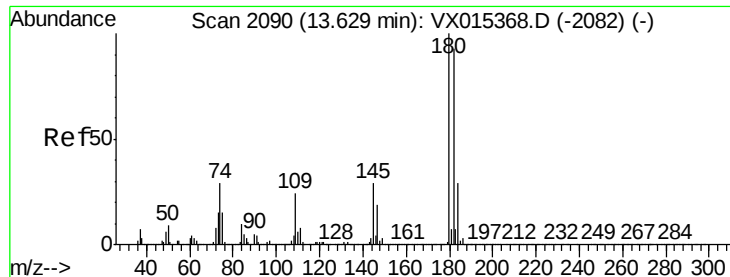
Tot Ion	Ratio	Lower	Upper
146	100		
111	40.7	21.0	63.0
148	64.3	32.4	97.0



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 22.138 ug/l
 RT: 12.98 min Scan# 1984
 Delta R.T. -0.00 min
 Lab File: VX015367.D
 Acq: 26 Mar 2020 20:16

Tgt Ion	Ratio	Lower	Upper
75	100		
155	84.7	42.8	128.4
157	103.7	53.4	160.3

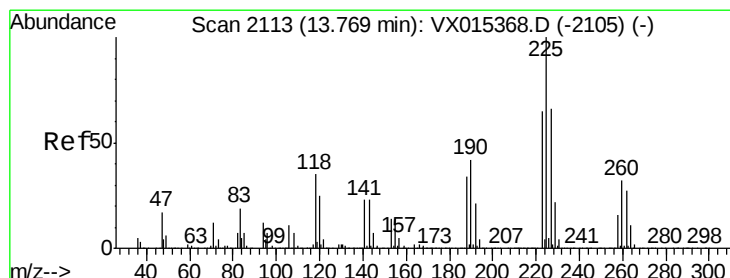
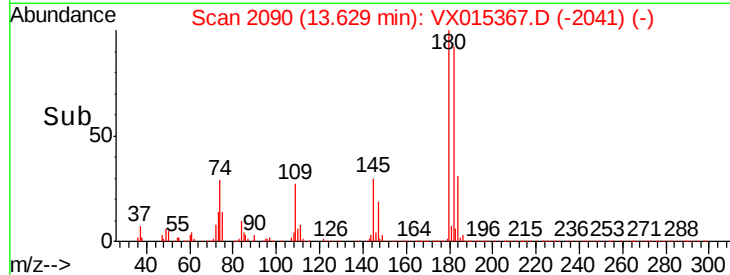
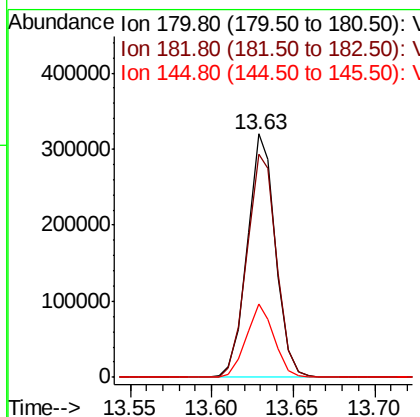
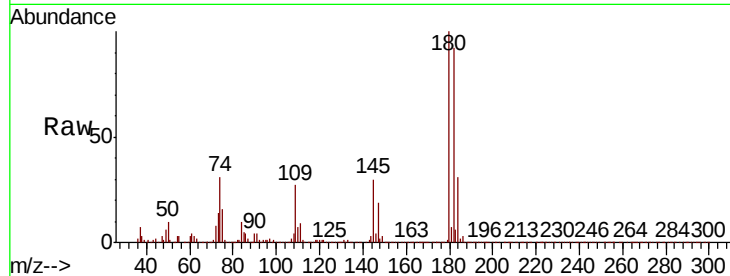




#93
 1,2,4-Trichlorobenzene
 Concen: 22.463 ug/l
 RT: 13.63 min Scan# 2090
 Delta R.T. -0.00 min
 Lab File: VX015367.D
 Acq: 26 Mar 2020 20:16

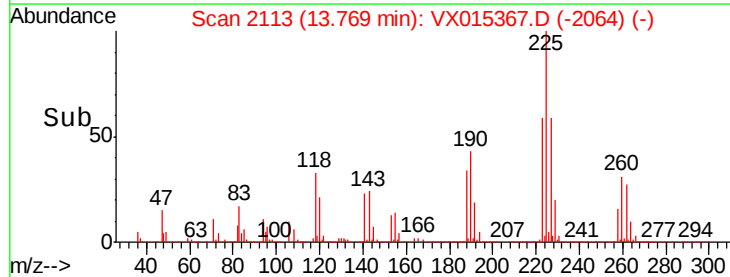
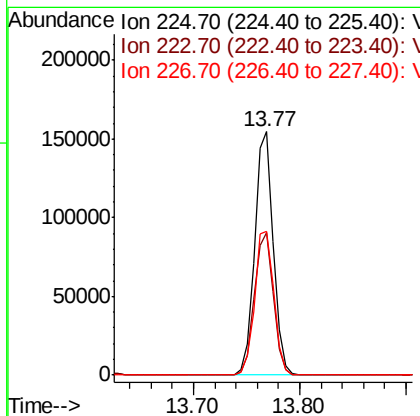
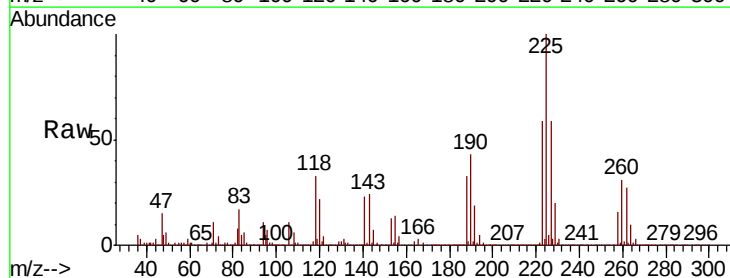
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

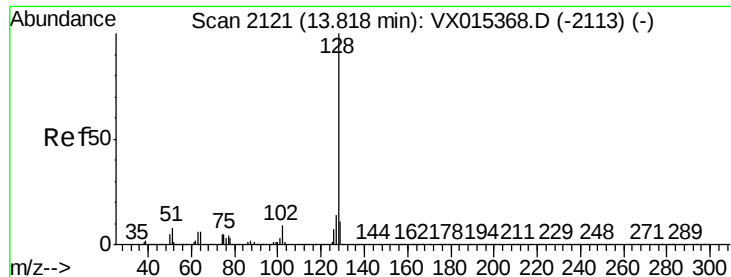
Tot Ion:180 Resp: 385114
 Ion Ratio Lower Upper
 180 100
 182 96.0 46.9 140.7
 145 29.7 14.9 44.5



#94
 Hexachlorobutadiene
 Concen: 26.177 ug/l
 RT: 13.77 min Scan# 2113
 Delta R.T. -0.00 min
 Lab File: VX015367.D
 Acq: 26 Mar 2020 20:16

Tgt Ion:225 Resp: 188521
 Ion Ratio Lower Upper
 225 100
 223 59.9 31.9 95.7
 227 61.5 30.4 91.3

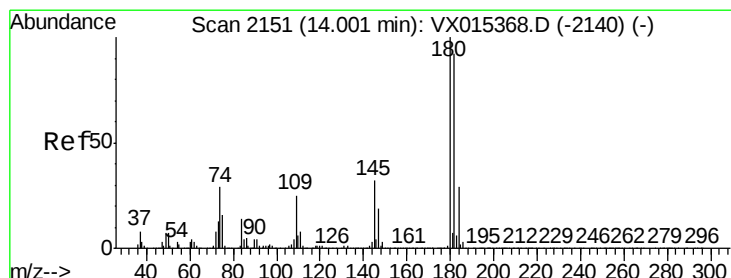
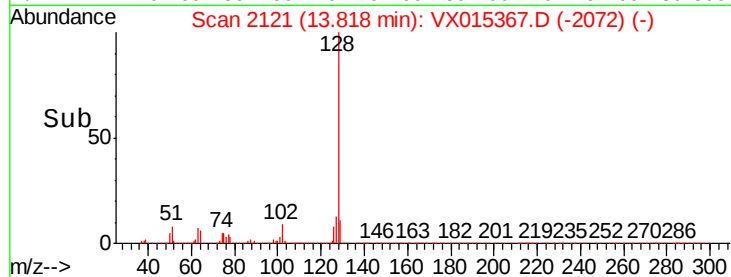
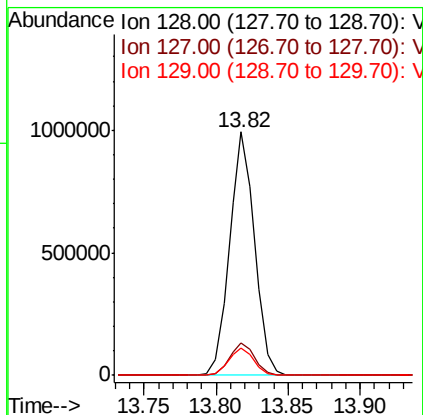
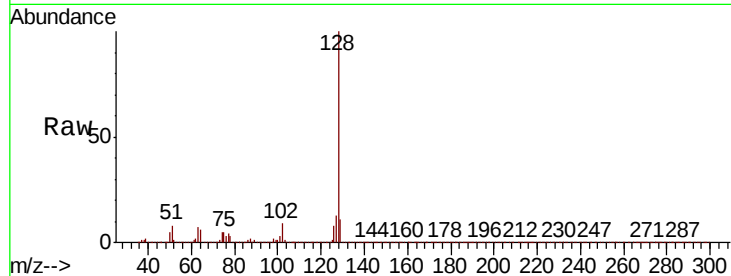




#95
Naphthalene
Concen: 21.676 ug/l
RT: 13.82 min Scan# 2121
Delta R.T. -0.00 min
Lab File: VX015367.D
Acq: 26 Mar 2020 20:16

Instrument :
MSVOA_X
ClientSampled :
VSTDIC020

Tot Ion:128 Resp: 1207788
Ion Ratio Lower Upper
128 100
127 13.4 10.6 15.8
129 11.1 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 22.362 ug/l
RT: 14.01 min Scan# 2152
Delta R.T. 0.01 min
Lab File: VX015367.D
Acq: 26 Mar 2020 20:16

Tgt Ion:180 Resp: 376608
Ion Ratio Lower Upper
180 100
182 94.7 46.7 140.0
145 31.1 15.8 47.3

