

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX032720\
 Data File : VX015370.D
 Acq On : 26 Mar 2020 21:24
 Operator : JC/SP
 Sample : VSTDICC150
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC150

Quant Time: Mar 27 09:02:35 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	5.63	168	1091668	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	1707516	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	1577389	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	901805	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.03	65	2182185	153.39	ug/l	0.00
Spiked Amount			Recovery	=	306.78%	
35) Dibromofluoromethane	5.47	113	1615225	144.98	ug/l	0.00
Spiked Amount			Recovery	=	289.96%	
50) Toluene-d8	8.70	98	5846955	144.31	ug/l	0.00
Spiked Amount			Recovery	=	288.62%	
62) 4-Bromofluorobenzene	11.12	95	2465837	157.61	ug/l	0.00
Spiked Amount			Recovery	=	315.22%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.18	85	1534645	134.363	ug/l	99
3) Chloromethane	1.31	50	1823801	137.149	ug/l	99
4) Vinyl Chloride	1.39	62	1704471	131.901	ug/l	99
5) Bromomethane	1.62	94	682089	136.621	ug/l	100
6) Chloroethane	1.69	64	963002	119.201	ug/l	98
7) Trichlorofluoromethane	1.91	101	2262201	131.956	ug/l	98
8) Diethyl Ether	2.17	74	881654	119.463	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.36	101	1478077	114.866	ug/l	99
10) Methyl Iodide	2.49	142	2055479	142.775	ug/l	98
11) Tert butyl alcohol	3.04	59	2422501	828.069	ug/l	100
12) 1,1-Dichloroethene	2.35	96	1510808	111.897	ug/l	99
13) Acrolein	2.28	56	1531972	594.332	ug/l	99
14) Allyl chloride	2.70	41	3386745	156.644	ug/l	98
15) Acrylonitrile	3.12	53	4823132	677.461	ug/l	100
16) Acetone	2.42	43	4414530	727.317	ug/l	99
17) Carbon Disulfide	2.55	76	4560394	124.915	ug/l	99
18) Methyl Acetate	2.75	43	2317838	151.698	ug/l	99
19) Methyl tert-butyl Ether	3.17	73	5545046	135.274	ug/l	99
20) Methylene Chloride	2.83	84	1695687	106.027	ug/l	97
21) trans-1,2-Dichloroethene	3.14	96	1629842	110.917	ug/l	96
22) Diisopropyl ether	3.83	45	5983613	140.577	ug/l #	87
23) Vinyl Acetate	3.79	43	24597113	705.009	ug/l #	94
24) 1,1-Dichloroethane	3.67	63	3179280	125.811	ug/l	100
25) 2-Butanone	4.64	43	7251573	782.986	ug/l	99
26) 2,2-Dichloropropane	4.55	77	2631800	133.671	ug/l	99
27) cis-1,2-Dichloroethene	4.56	96	1880611	115.832	ug/l	98
28) Bromochloromethane	4.98	49	1549285	144.767	ug/l	99
29) Tetrahydrofuran	5.09	42	4728870	787.210	ug/l	100
30) Chloroform	5.18	83	3080688	120.959	ug/l	95
31) Cyclohexane	5.55	56	2964822	151.091	ug/l	97
32) 1,1,1-Trichloroethane	5.47	97	2860860	137.282	ug/l	99
36) 1,1-Dichloropropene	5.77	75	2381533	150.085	ug/l	99
37) Ethyl Acetate	4.80	43	2908018	182.823	ug/l	100
38) Carbon Tetrachloride	5.76	117	2579685	169.049	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	2872031	155.853	ug/l	98
40) Benzene	6.12	78	6768203	139.105	ug/l	98
41) Methacrylonitrile	5.01	41	1662188	192.657	ug/l	99
42) 1,2-Dichloroethane	6.17	62	2683971	171.667	ug/l	100
43) Isopropyl Acetate	6.42	43	5044473	204.719	ug/l	99
44) Trichloroethene	7.19	130	1907741	143.101	ug/l	95
45) 1,2-Dichloropropane	7.50	63	1841125	156.688	ug/l	100
46) Dibromomethane	7.64	93	1211914	147.481	ug/l	100
47) Bromodichloromethane	7.88	83	2584806	164.669	ug/l	94
48) Methyl methacrylate	7.75	41	2522804	213.157	ug/l	99
49) 1,4-Dioxane	7.72	88	943111	3131.403	ug/l	99
51) 4-Methyl-2-Pentanone	8.63	43	13235611	888.006	ug/l	96
52) Toluene	8.77	92	4203708	140.964	ug/l	98
53) t-1,3-Dichloropropene	9.03	75	3011797	176.636	ug/l	97
54) cis-1,3-Dichloropropene	8.42	75	3118776	164.687	ug/l	99
55) 1,1,2-Trichloroethane	9.20	97	1717136	134.526	ug/l	95
56) Ethyl methacrylate	9.17	69	3087540	177.909	ug/l	99
57) 1,3-Dichloropropane	9.35	76	3003094	141.749	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.30	63	7123648	734.528	ug/l	99
59) 2-Hexanone	9.48	43	10442545	938.680	ug/l	96
60) Dibromochloromethane	9.57	129	2104545	164.090	ug/l	98
61) 1,2-Dibromoethane	9.66	107	1842980	141.097	ug/l	97
64) Tetrachloroethene	9.32	164	1702116	149.988	ug/l	94
65) Chlorobenzene	10.12	112	4544500	138.328	ug/l	96
66) 1,1,1,2-Tetrachloroethane	10.21	131	1852001	152.308	ug/l	99
67) Ethyl Benzene	10.24	91	7982480	142.857	ug/l	95
68) m/p-Xylenes	10.34	106	6062487	286.476	ug/l	92
69) o-Xylene	10.68	106	3048203	148.177	ug/l	97
70) Styrene	10.70	104	5273024	153.393	ug/l	99
71) Bromoform	10.84	173	1782100	211.966	ug/l #	100
73) Isopropylbenzene	11.01	105	7816103	118.920	ug/l	97
74) N-amyl acetate	10.89	43	4567253	183.222	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	2776622	132.093	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	3495075	184.144	ug/l	83
77) Bromobenzene	11.24	156	2159778	137.045	ug/l	99
78) n-propylbenzene	11.35	91	9076475	122.938	ug/l	97
79) 2-Chlorotoluene	11.41	91	5654937	125.810	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	6797456	128.019	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.06	75	1095866	154.254	ug/l	99
82) 4-Chlorotoluene	11.49	91	6522616	127.815	ug/l	99
83) tert-Butylbenzene	11.76	119	6832826	131.080	ug/l	98
84) 1,2,4-Trimethylbenzene	11.79	105	6980412	127.191	ug/l	98
85) sec-Butylbenzene	11.93	105	7854391	127.202	ug/l	98
86) p-Isopropyltoluene	12.05	119	7296840	131.586	ug/l	98
87) 1,3-Dichlorobenzene	12.01	146	3967162	134.299	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	4041397	130.539	ug/l	100
89) n-Butylbenzene	12.37	91	6754530	129.478	ug/l	97
90) Hexachloroethane	12.58	117	1534036	140.854	ug/l	98
91) 1,2-Dichlorobenzene	12.38	146	3913272	132.193	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.98	75	757398	160.648	ug/l	97

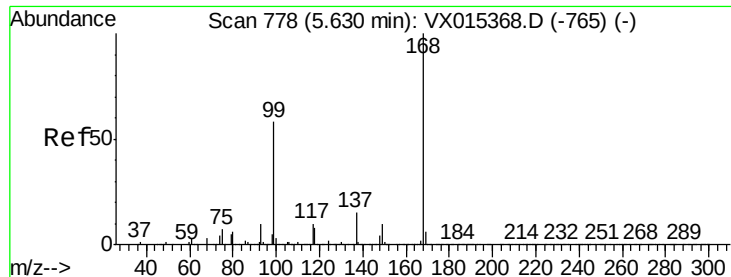
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Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	3107411	167.936	ug/l	98
94) Hexachlorobutadiene	13.77	225	1541798	198.359	ug/l	98
95) Naphthalene	13.82	128	8864795	147.412	ug/l	98
96) 1,2,3-Trichlorobenzene	14.01	180	2972730	163.547	ug/l	98

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

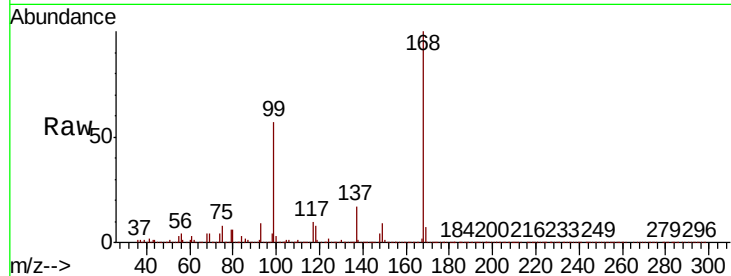


#1

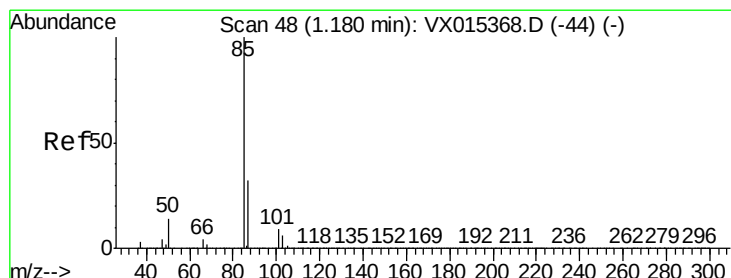
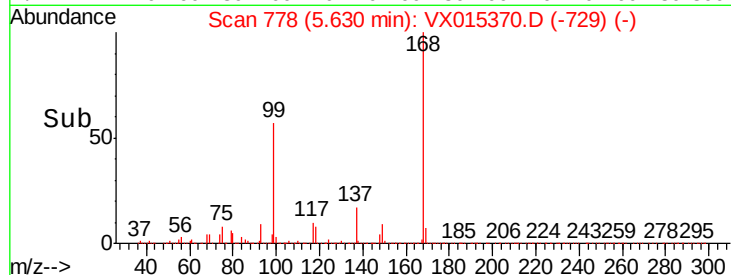
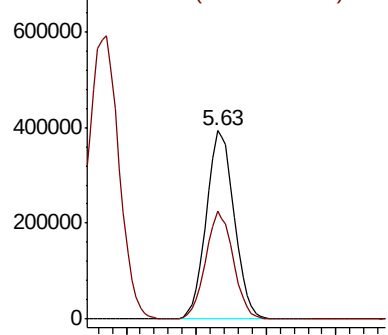
Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 5.63 min Scan# 778
 Delta R.T. -0.00 min
 Lab File: VX015370.D
 Acq: 26 Mar 2020 21:24

Instrument :
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Tot Ion:168 Resp: 1091668
 Ion Ratio Lower Upper
 168 100
 99 57.2 46.4 69.6



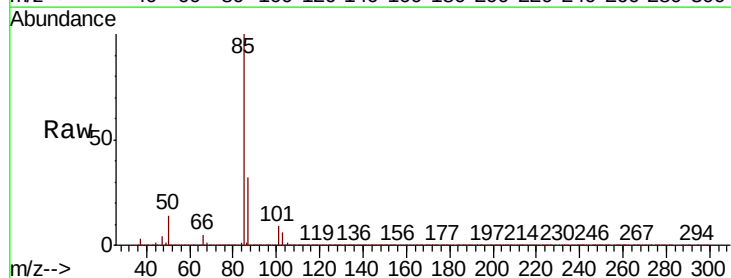
Abundance Ion 167.90 (167.60 to 168.60): VX015370.D (-765) (-)
 Ion 98.90 (98.60 to 99.60): VX015370.D (-765) (-)



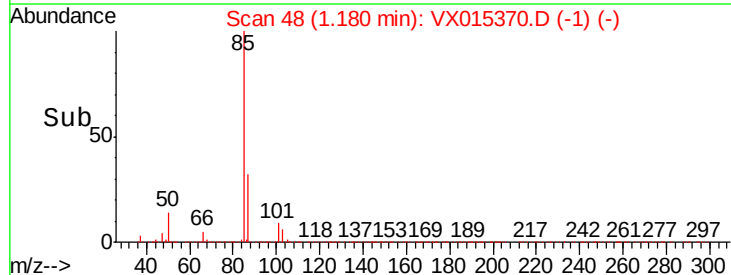
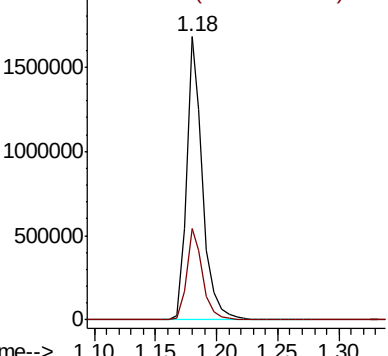
#2

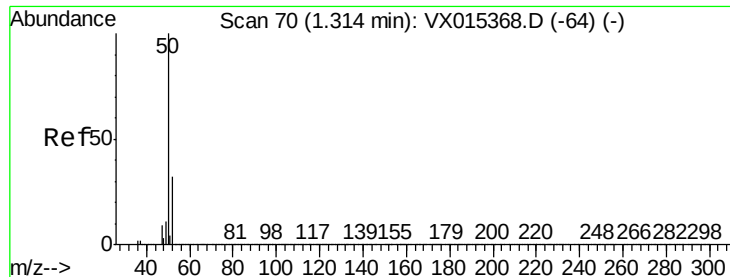
Dichlorodifluoromethane
 Concen: 134.363 ug/l
 RT: 1.18 min Scan# 48
 Delta R.T. -0.00 min
 Lab File: VX015370.D
 Acq: 26 Mar 2020 21:24

Tgt Ion: 85 Resp: 1534645
 Ion Ratio Lower Upper
 85 100
 87 32.3 16.0 47.9



Abundance Ion 84.90 (84.60 to 85.60): VX015370.D (-44) (-)
 Ion 86.90 (86.60 to 87.60): VX015370.D (-44) (-)





#3

Chloromethane

Concen: 137.149 ug/l

RT: 1.31 min Scan# 70

Delta R.T. -0.00 min

Lab File: VX015370.D

Acq: 26 Mar 2020 21:24

Instrument :

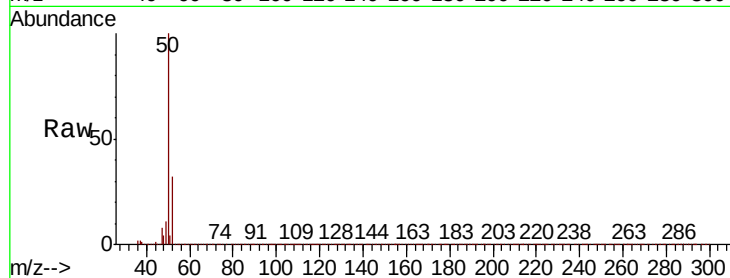
MSVOA_X

ClientSampleId :

VSTDIC150

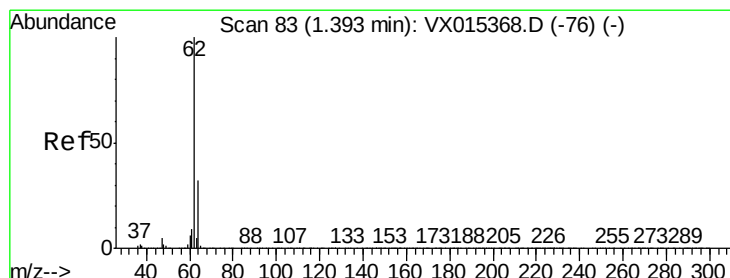
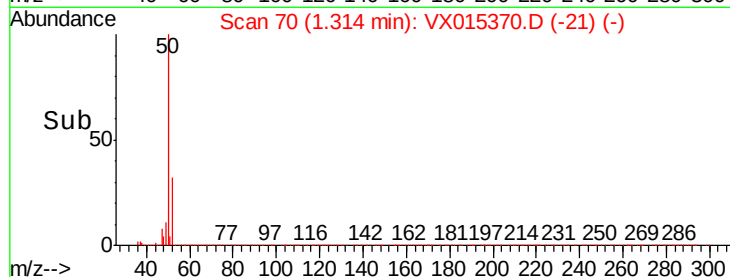
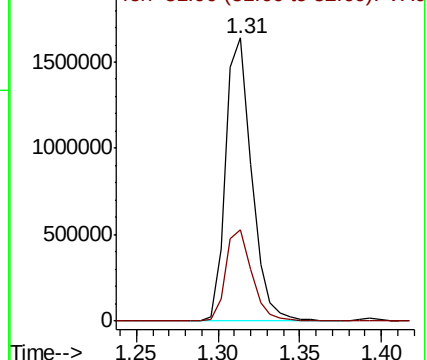
Tot Ion: 50 Resp: 1823801

Ion	Ratio	Lower	Upper
50	100		
52	32.3	25.3	37.9



Abundance Ion 49.90 (49.60 to 50.60): VX015368.D (-64) (-)

Ion 51.90 (51.60 to 52.60): VX015370.D (-21) (-)



#4

Vinyl Chloride

Concen: 131.901 ug/l

RT: 1.39 min Scan# 83

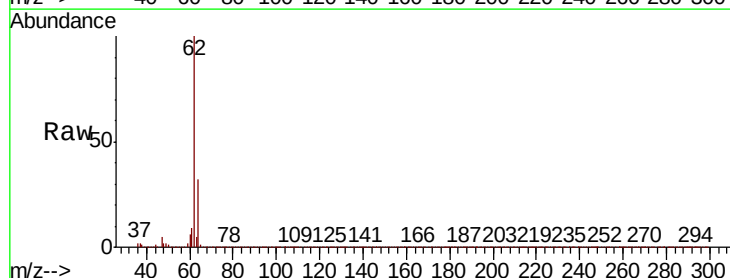
Delta R.T. -0.00 min

Lab File: VX015370.D

Acq: 26 Mar 2020 21:24

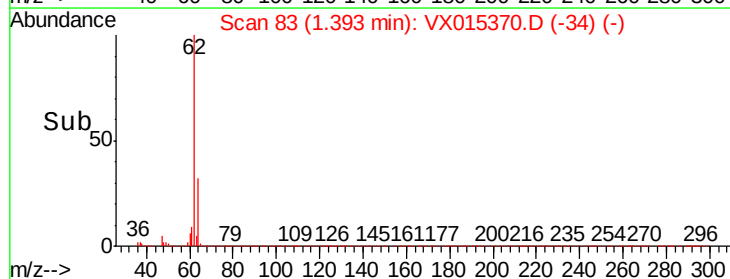
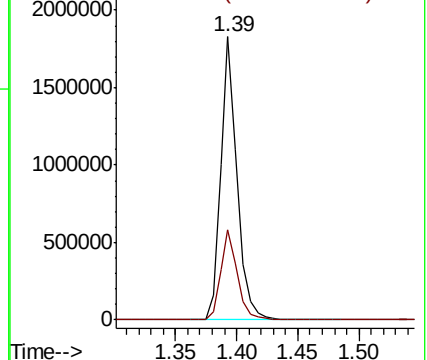
Tgt Ion: 62 Resp: 1704471

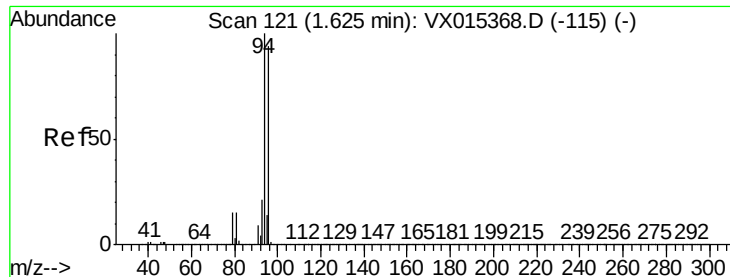
Ion	Ratio	Lower	Upper
62	100		
64	31.7	26.0	39.0



Abundance Ion 61.90 (61.60 to 62.60): VX015368.D (-76) (-)

Ion 63.90 (63.60 to 64.60): VX015370.D (-34) (-)





#5

Bromomethane

Concen: 136.621 ug/l

RT: 1.62 min Scan# 120

Delta R.T. -0.01 min

Lab File: VX015370.D

Acq: 26 Mar 2020 21:24

Instrument :

MSVOA_X

ClientSampleId :

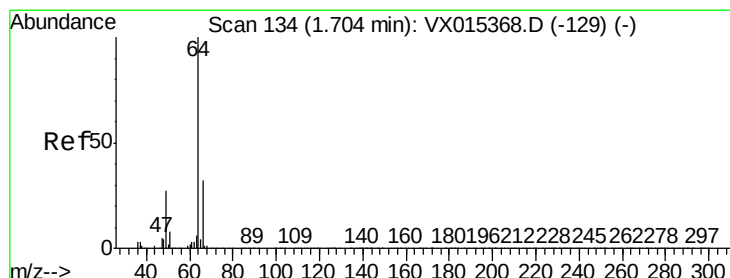
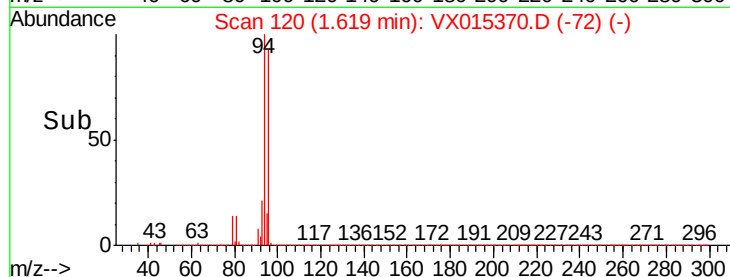
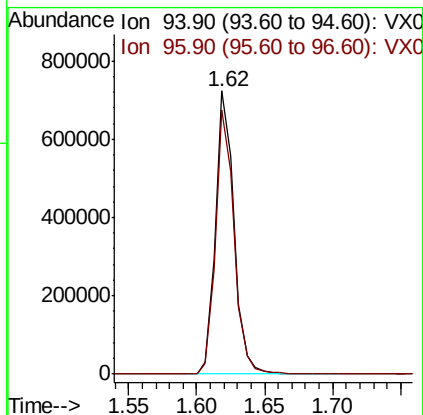
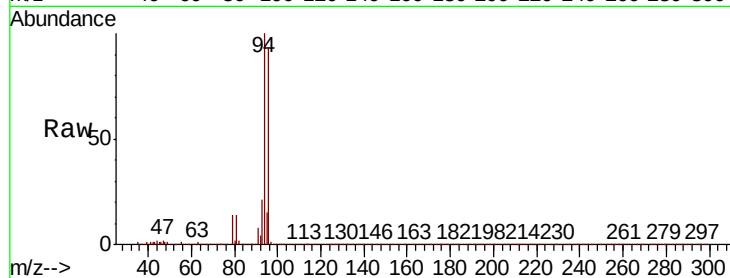
VSTDIC150

Tot Ion: 94 Resp: 682089

Ion Ratio Lower Upper

94 100

96 93.3 74.8 112.2



#6

Chloroethane

Concen: 119.201 ug/l

RT: 1.69 min Scan# 132

Delta R.T. -0.01 min

Lab File: VX015370.D

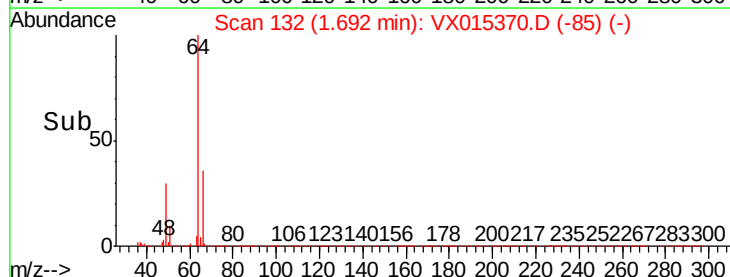
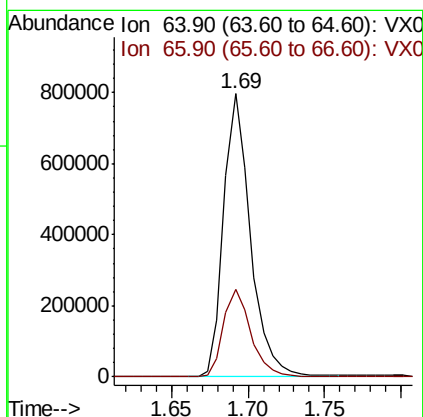
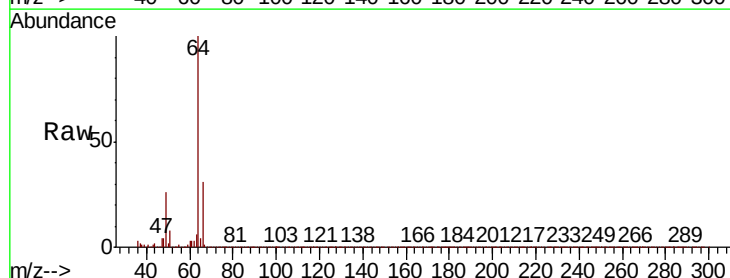
Acq: 26 Mar 2020 21:24

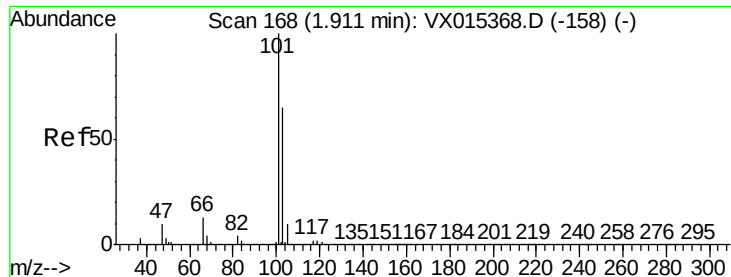
Tgt Ion: 64 Resp: 963002

Ion Ratio Lower Upper

64 100

66 30.8 25.4 38.2



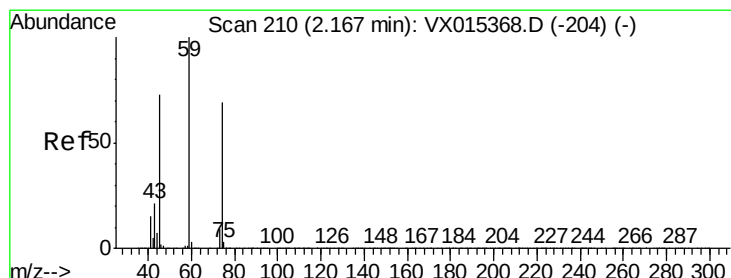
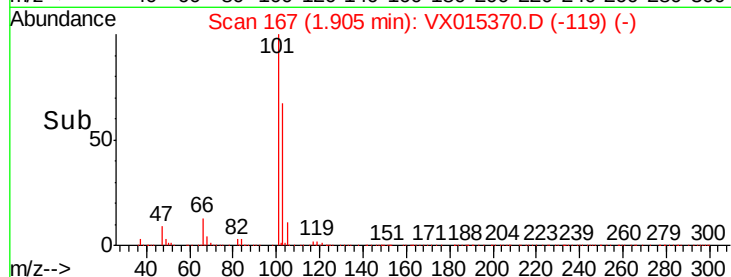
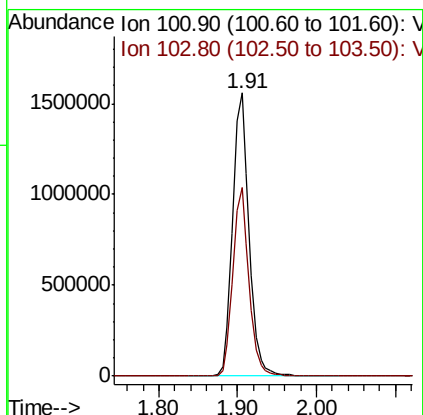
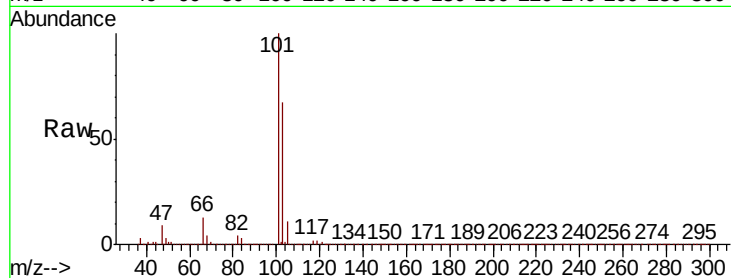


#7

Trichlorofluoromethane
Concen: 131.956 ug/l
RT: 1.91 min Scan# 167
Delta R.T. -0.01 min
Lab File: VX015370.D
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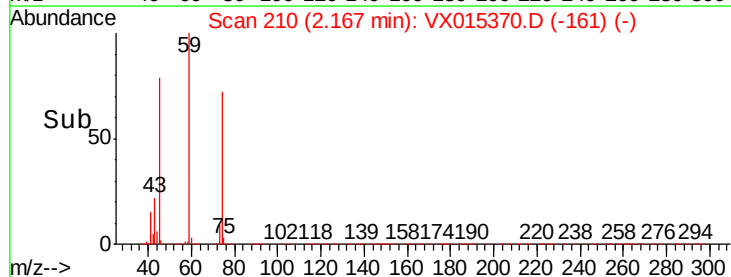
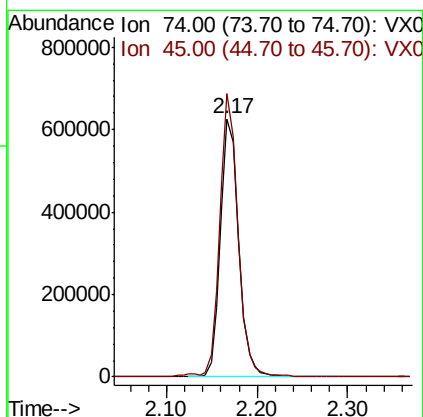
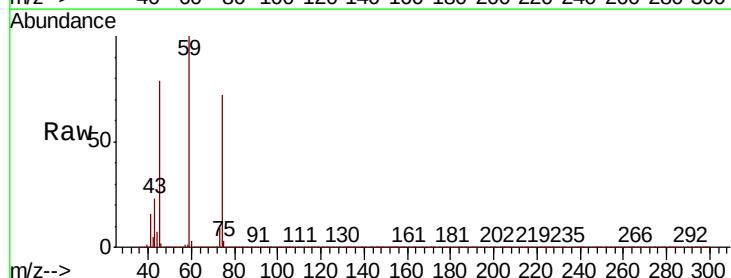
Tot Ion:101 Resp: 2262201
Ion Ratio Lower Upper
101 100
103 66.6 52.3 78.5

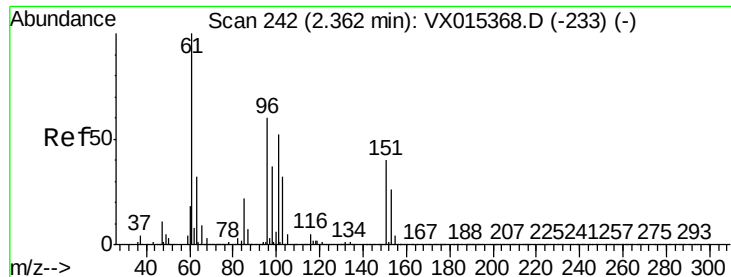


#8

Diethyl Ether
Concen: 119.463 ug/l
RT: 2.17 min Scan# 210
Delta R.T. -0.00 min
Lab File: VX015370.D
Acq: 26 Mar 2020 21:24

Tgt Ion: 74 Resp: 881654
Ion Ratio Lower Upper
74 100
45 109.0 53.8 161.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 114.866 ug/l

RT: 2.36 min Scan# 241

Delta R.T. -0.01 min

Lab File: VX015370.D

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Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

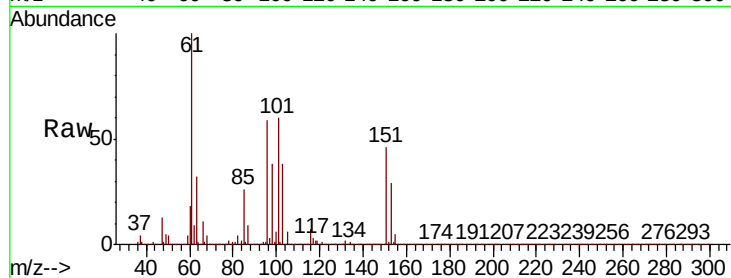
Tot Ion:101 Resp: 1478077

Ion Ratio Lower Upper

101 100

85 44.8 35.0 52.4

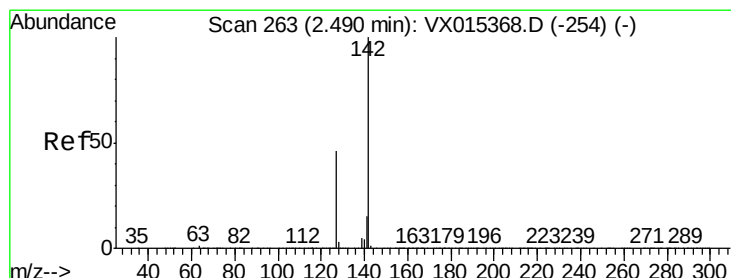
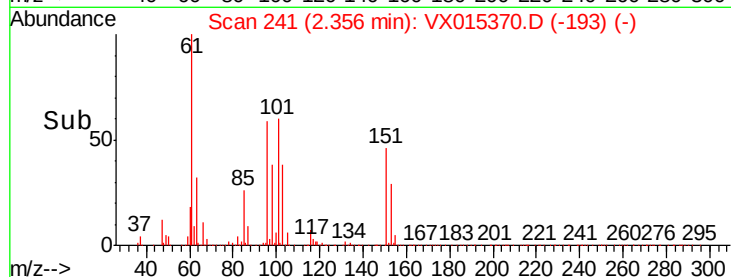
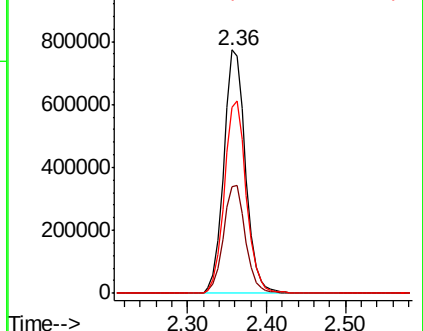
151 79.9 64.1 96.1



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: 142.775 ug/l

RT: 2.49 min Scan# 263

Delta R.T. -0.00 min

Lab File: VX015370.D

Acq: 26 Mar 2020 21:24

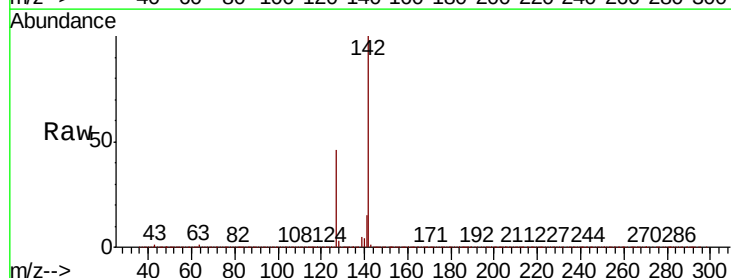
Tgt Ion:142 Resp: 2055479

Ion Ratio Lower Upper

142 100

127 46.0 35.9 53.9

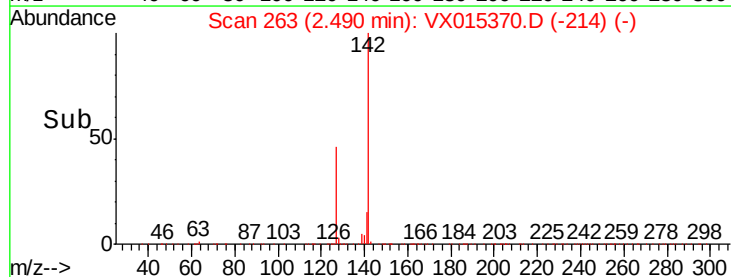
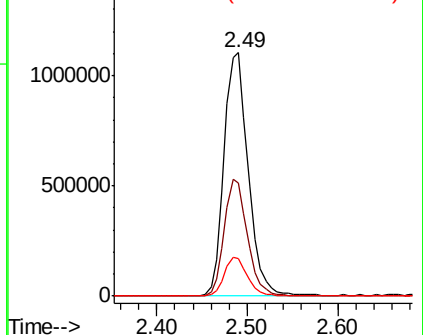
141 15.1 11.6 17.4

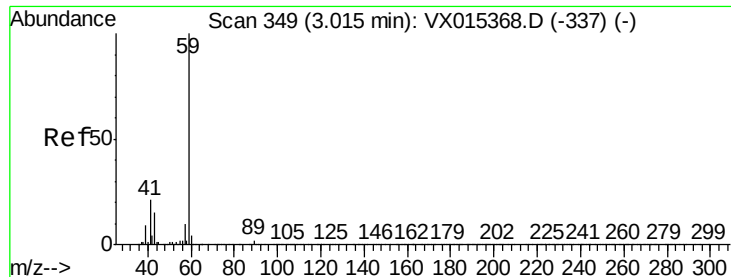


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol
Concen: 828.069 ug/l
RT: 3.04 min Scan# 353
Delta R.T. 0.02 min
Lab File: VX015370.D
Acq: 26 Mar 2020 21:24

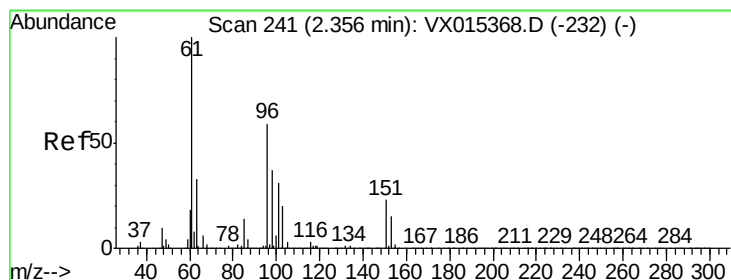
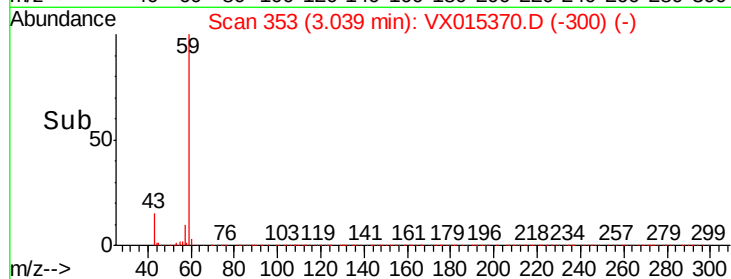
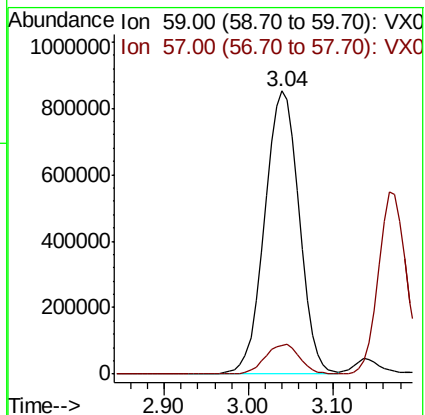
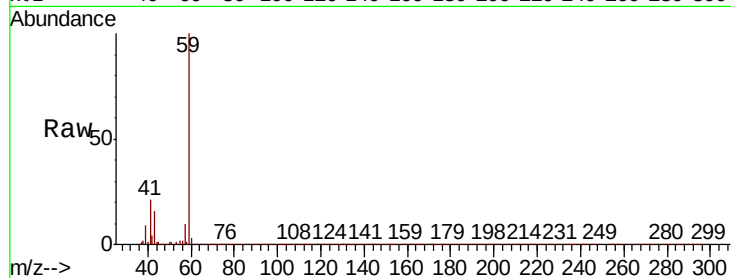
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion: 59 Resp: 2422501

Ion Ratio Lower Upper

59 100

57 10.2 8.1 12.1



#12

1,1-Dichloroethene
Concen: 111.897 ug/l
RT: 2.35 min Scan# 240
Delta R.T. -0.01 min
Lab File: VX015370.D
Acq: 26 Mar 2020 21:24

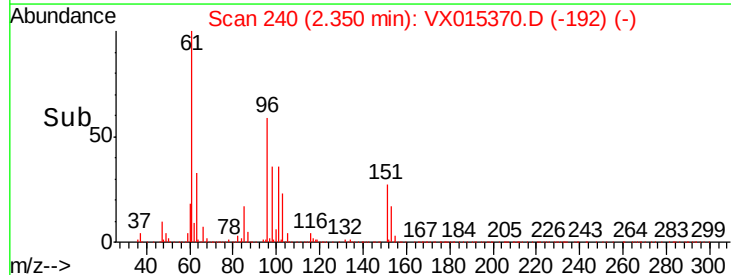
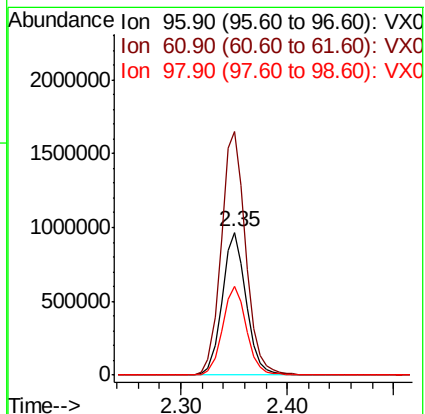
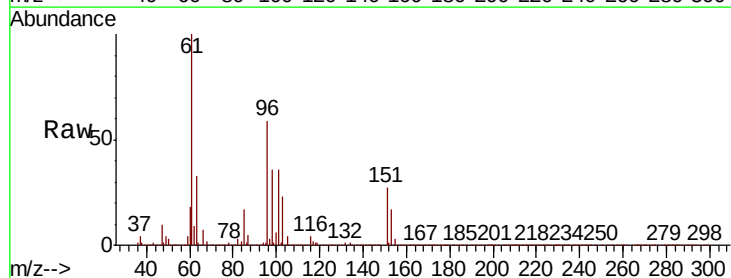
Tgt Ion: 96 Resp: 1510808

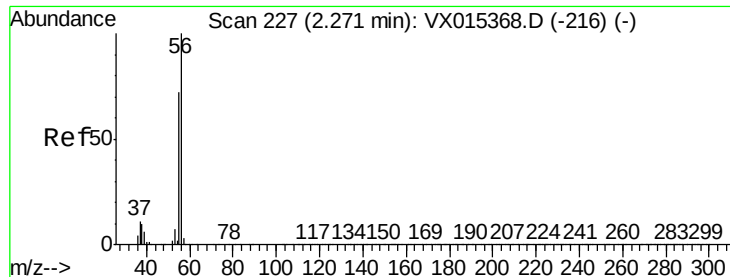
Ion Ratio Lower Upper

96 100

61 170.6 135.7 203.5

98 62.1 50.6 75.8





#13

Acrolein

Concen: 594.332 ug/l

RT: 2.28 min Scan# 228

Delta R.T. 0.01 min

Lab File: VX015370.D

Acq: 26 Mar 2020 21:24

Instrument :

MSVOA_X

ClientSampleId :

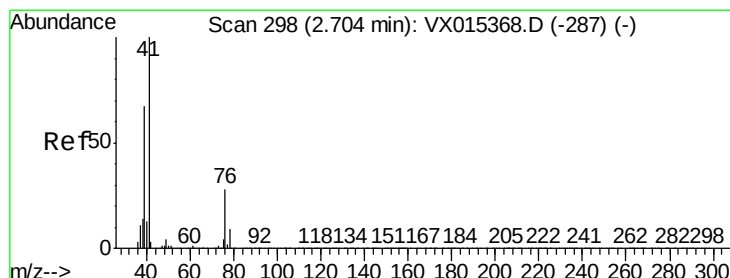
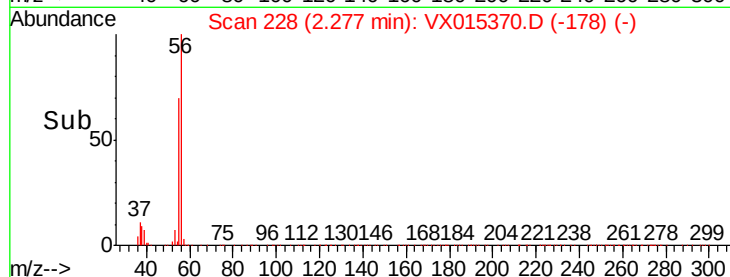
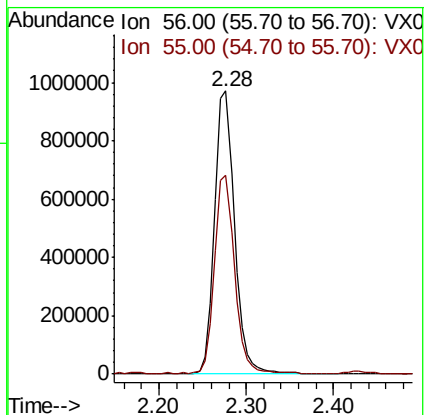
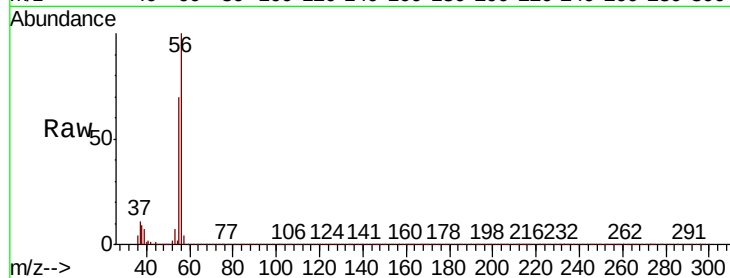
VSTDIC150

Tot Ion: 56 Resp: 1531972

Ion Ratio Lower Upper

56 100

55 70.4 57.0 85.4



#14

Allyl chloride

Concen: 156.644 ug/l

RT: 2.70 min Scan# 298

Delta R.T. -0.00 min

Lab File: VX015370.D

Acq: 26 Mar 2020 21:24

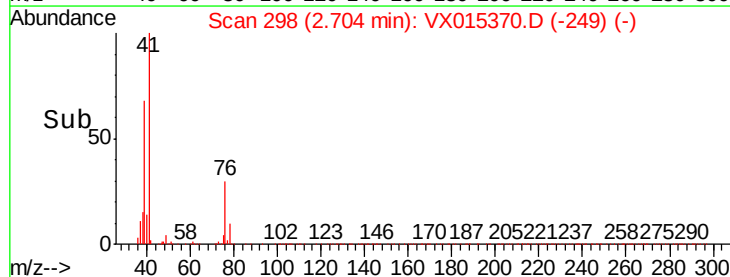
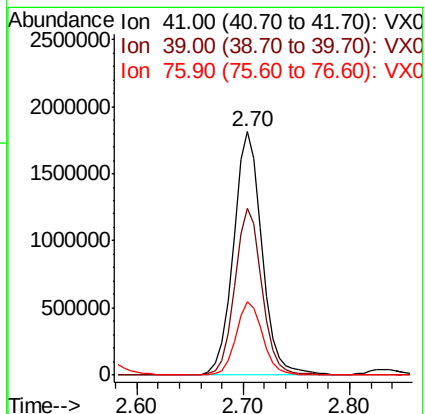
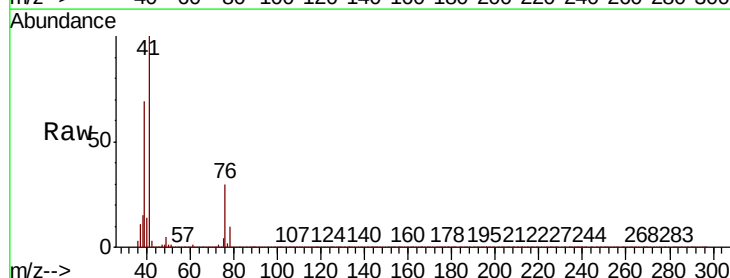
Tgt Ion: 41 Resp: 3386745

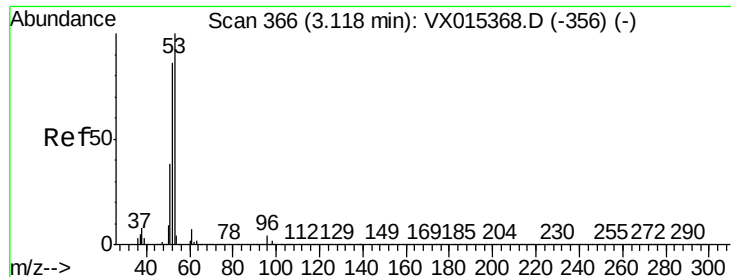
Ion Ratio Lower Upper

41 100

39 65.4 51.4 77.0

76 28.4 21.8 32.8



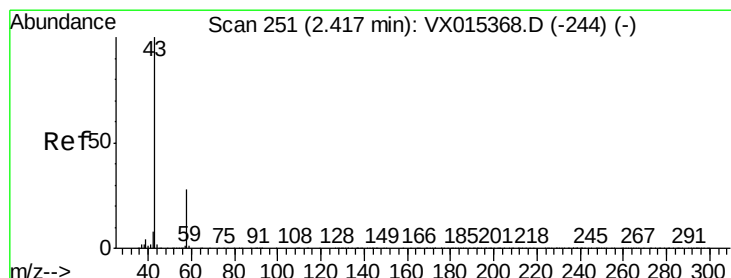
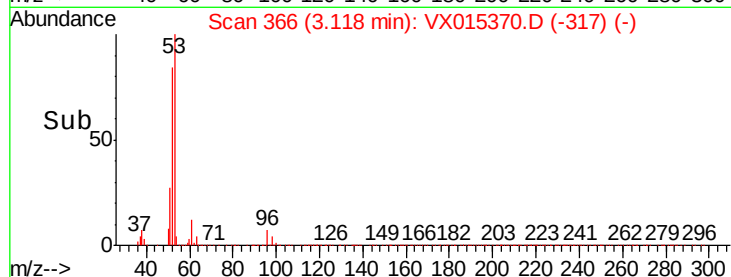
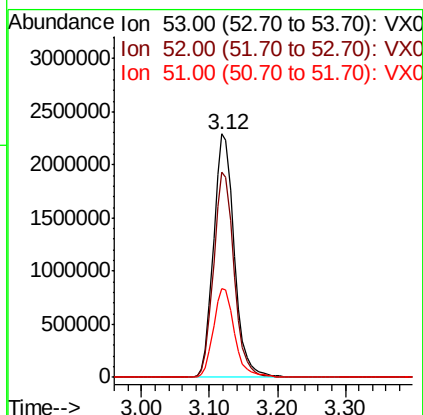
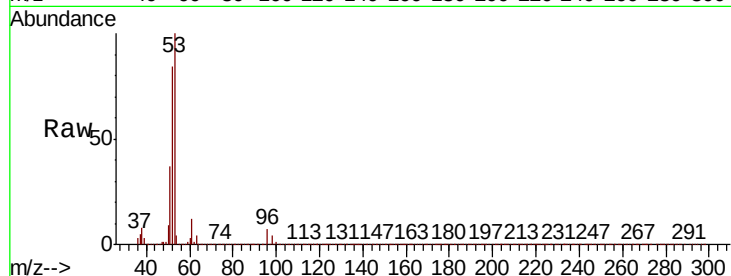


#15
 Acrylonitrile
 Concen: 677.461 ug/l
 RT: 3.12 min Scan# 366
 Delta R.T. -0.00 min
 Lab File: VX015370.D
 Acq: 26 Mar 2020 21:24

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

Tot Ion: 53 Resp: 4823132

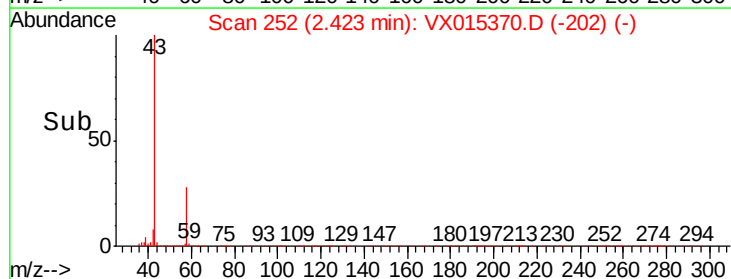
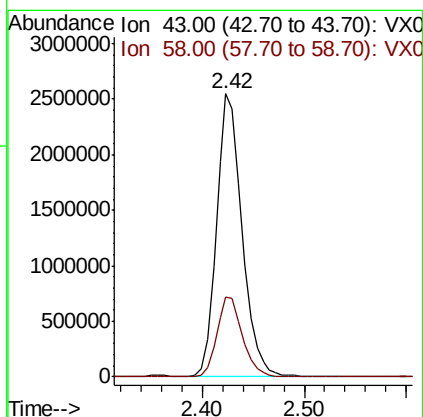
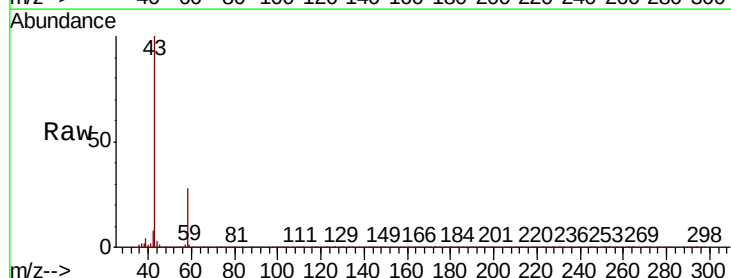
Ion	Ratio	Lower	Upper
53	100		
52	83.3	66.8	100.2
51	37.0	29.5	44.3

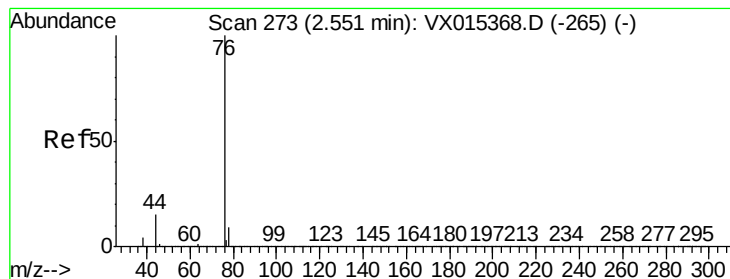


#16
 Acetone
 Concen: 727.317 ug/l
 RT: 2.42 min Scan# 252
 Delta R.T. 0.01 min
 Lab File: VX015370.D
 Acq: 26 Mar 2020 21:24

Tgt Ion: 43 Resp: 4414530

Ion	Ratio	Lower	Upper
43	100		
58	28.2	22.1	33.1





#17

Carbon Disulfide

Concen: 124.915 ug/l

RT: 2.55 min Scan# 272

Delta R.T. -0.01 min

Lab File: VX015370.D

Acq: 26 Mar 2020 21:24

Instrument :

MSVOA_X

ClientSampleId :

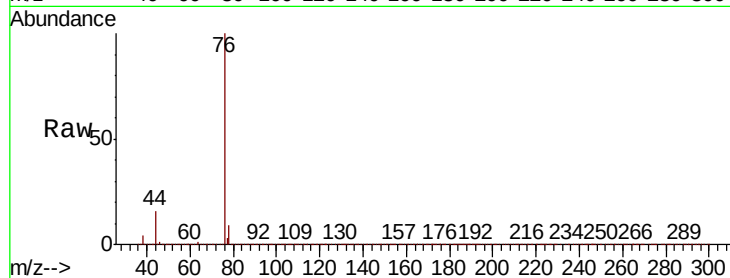
VSTDIC150

Tot Ion: 76 Resp: 4560394

Ion Ratio Lower Upper

76 100

78 9.2 7.1 10.7



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

2.55

3000000

2500000

2000000

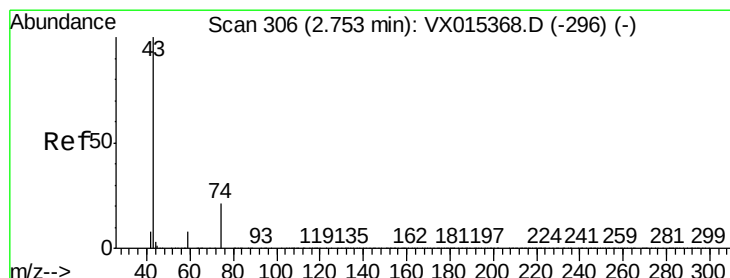
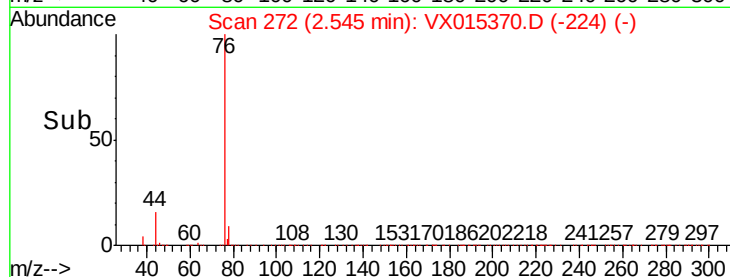
1500000

1000000

500000

0

Time-->



#18

Methyl Acetate

Concen: 151.698 ug/l

RT: 2.75 min Scan# 306

Delta R.T. -0.00 min

Lab File: VX015370.D

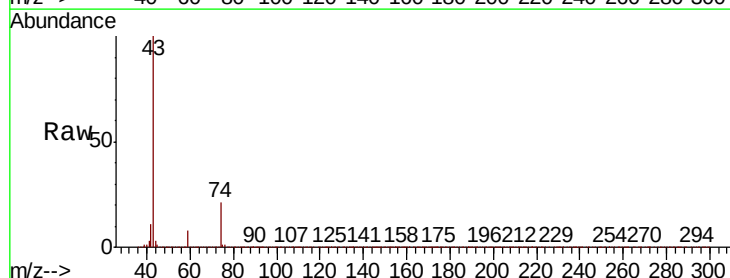
Acq: 26 Mar 2020 21:24

Tgt Ion: 43 Resp: 2317838

Ion Ratio Lower Upper

43 100

74 20.9 16.5 24.7



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

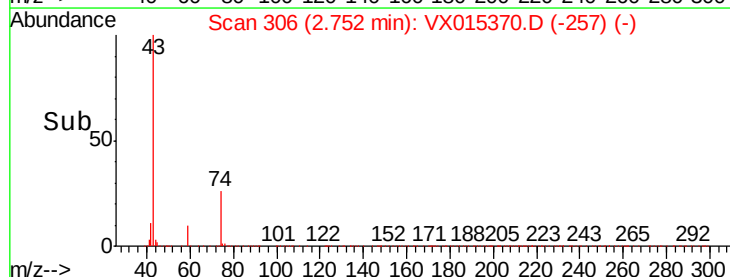
1500000

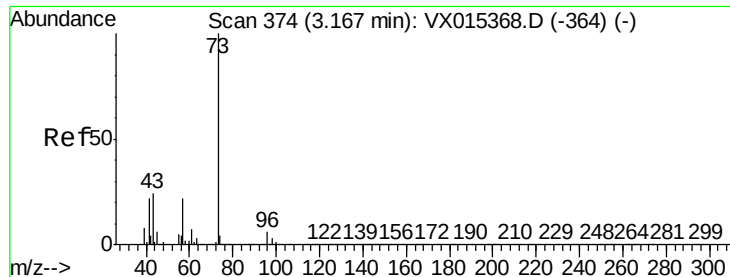
1000000

500000

0

Time-->



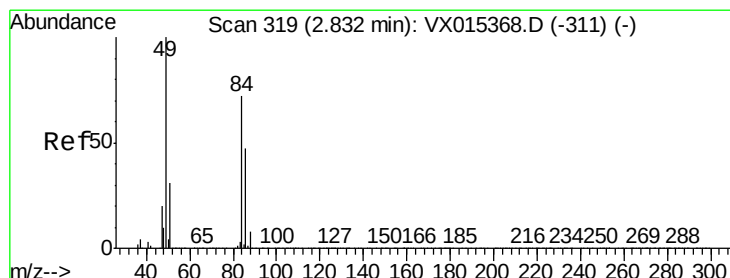
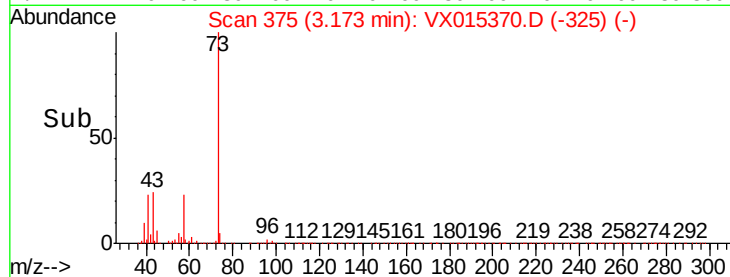
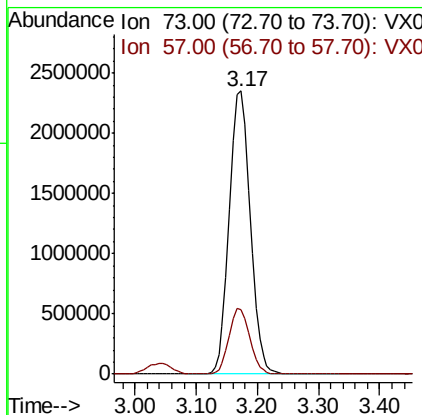
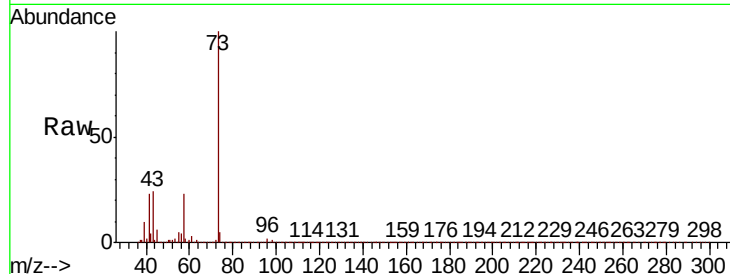


#19

Methyl tert-butyl Ether
 Concen: 135.274 ug/l
 RT: 3.17 min Scan# 375
 Delta R.T. 0.01 min
 Lab File: VX015370.D
 Acq: 26 Mar 2020 21:24

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

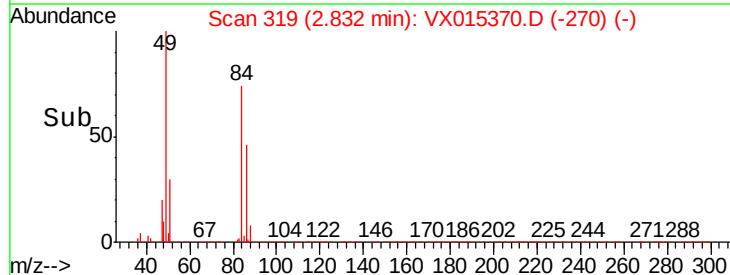
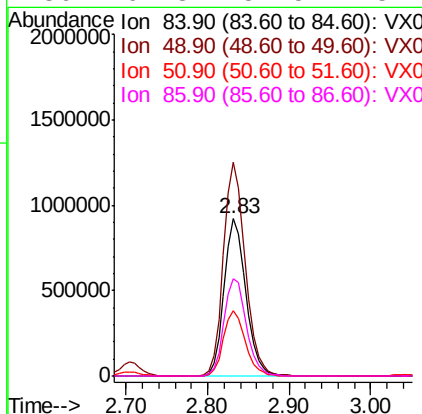
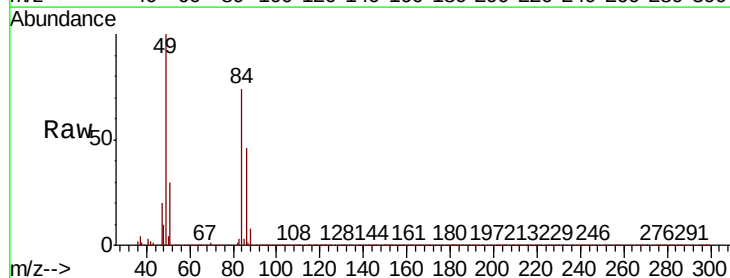
Tot Ion: 73 Resp: 5545046
 Ion Ratio Lower Upper
 73 100
 57 22.9 17.9 26.9

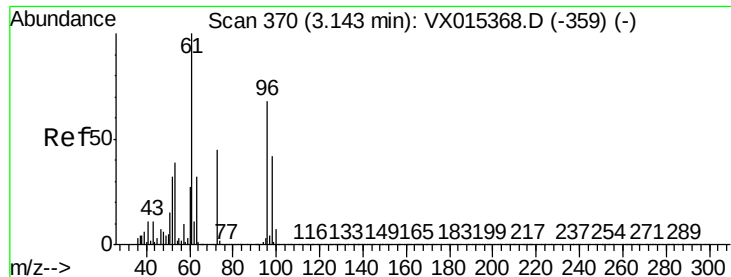


#20

Methylene Chloride
 Concen: 106.027 ug/l
 RT: 2.83 min Scan# 319
 Delta R.T. -0.00 min
 Lab File: VX015370.D
 Acq: 26 Mar 2020 21:24

Tgt Ion: 84 Resp: 1695687
 Ion Ratio Lower Upper
 84 100
 49 135.7 111.3 166.9
 51 41.1 34.0 51.0
 86 61.8 52.5 78.7





#21

trans-1,2-Dichloroethene

Concen: 110.917 ug/l

RT: 3.14 min Scan# 370

Delta R.T. -0.00 min

Lab File: VX015370.D

Acq: 26 Mar 2020 21:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

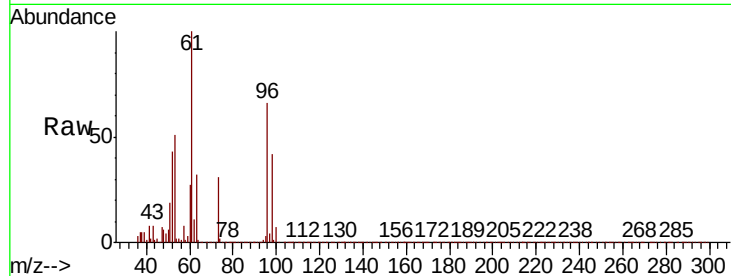
Tot Ion: 96 Resp: 1629842

Ion Ratio Lower Upper

96 100

61 150.5 116.9 175.3

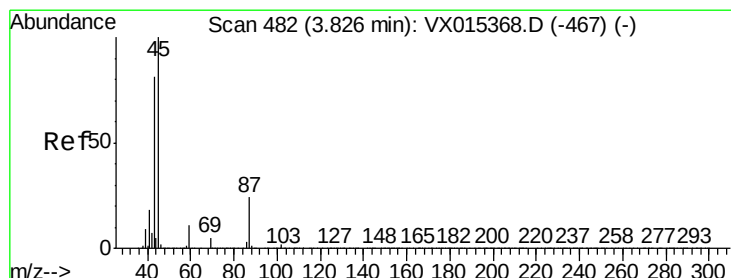
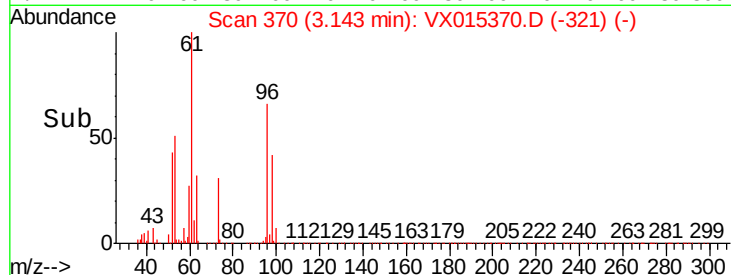
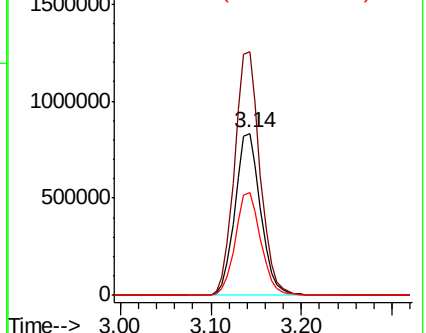
98 63.8 48.6 73.0



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: 140.577 ug/l

RT: 3.83 min Scan# 483

Delta R.T. 0.01 min

Lab File: VX015370.D

Acq: 26 Mar 2020 21:24

Tgt Ion: 45 Resp: 5983613

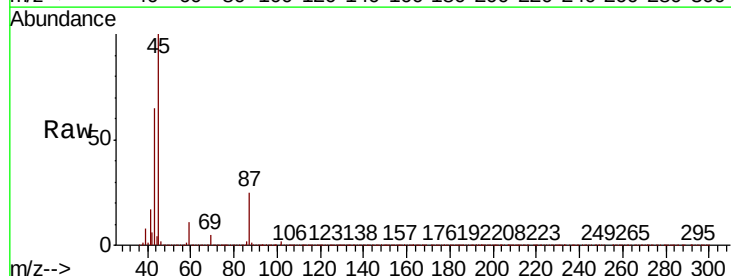
Ion Ratio Lower Upper

45 100

43 64.6 64.7 97.1#

87 25.0 19.4 29.0

59 10.9 8.7 13.1

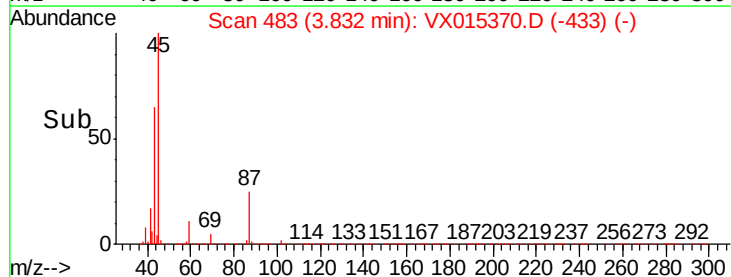
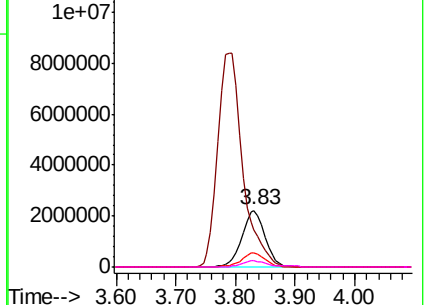


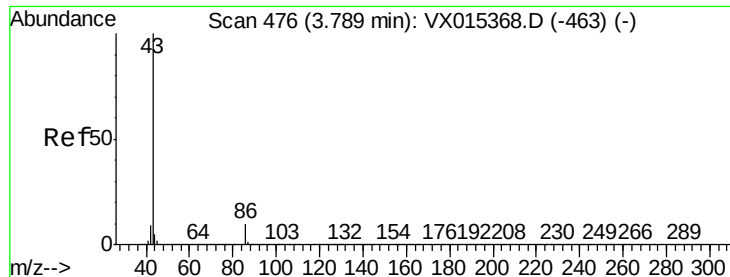
Abundance Ion 45.00 (44.70 to 45.70): VX0

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: 705.009 ug/l

RT: 3.79 min Scan# 476

Delta R.T. -0.00 min

Lab File: VX015370.D

Acq: 26 Mar 2020 21:24

Instrument :

MSVOA_X

ClientSampleId :

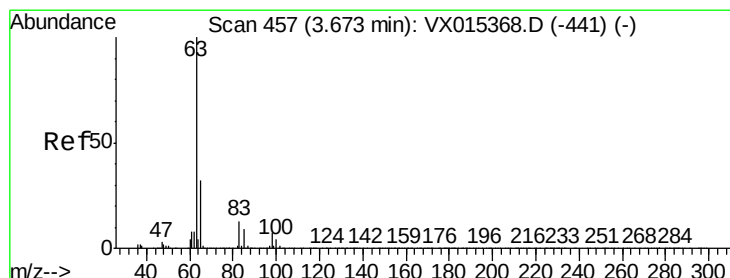
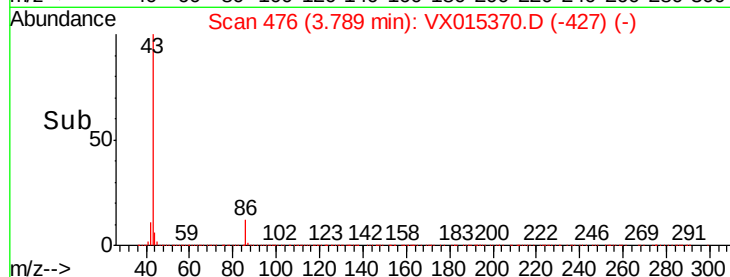
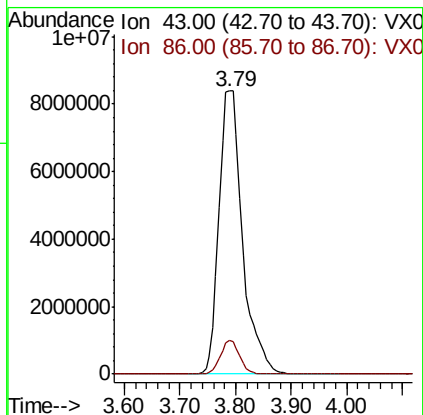
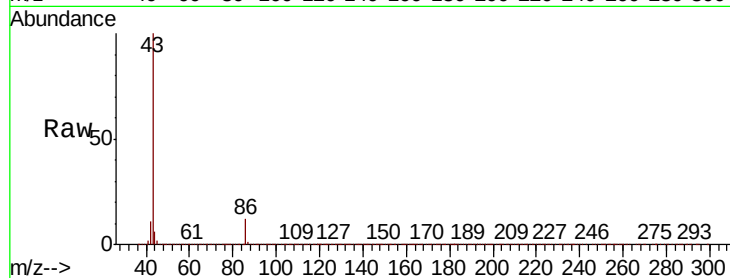
VSTDIC150

Tot Ion: 43 Resp: 24597113

Ion Ratio Lower Upper

43 100

86 11.9 7.8 11.6#



#24

1,1-Dichloroethane

Concen: 125.811 ug/l

RT: 3.67 min Scan# 456

Delta R.T. -0.01 min

Lab File: VX015370.D

Acq: 26 Mar 2020 21:24

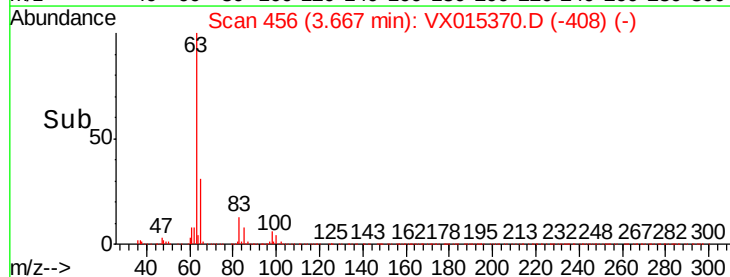
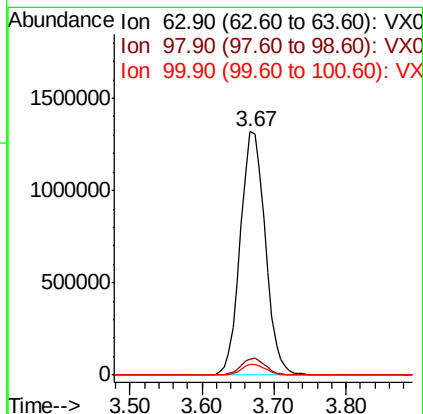
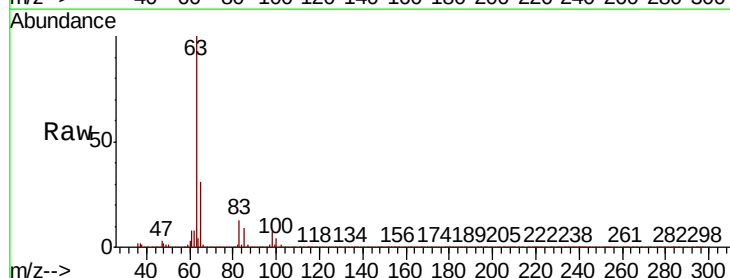
Tgt Ion: 63 Resp: 3179280

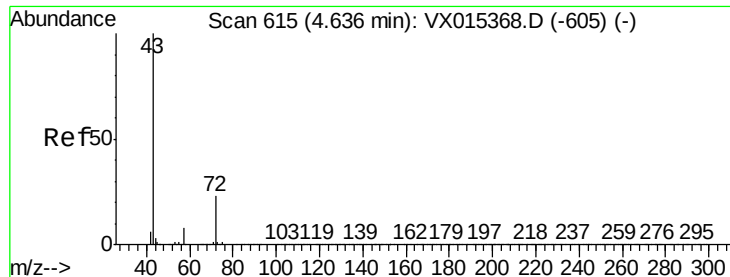
Ion Ratio Lower Upper

63 100

98 6.5 3.3 9.8

100 4.2 2.1 6.5





#25

2-Butanone

Concen: 782.986 ug/l

RT: 4.64 min Scan# 616

Delta R.T. 0.01 min

Lab File: VX015370.D

Acq: 26 Mar 2020 21:24

Instrument :

MSVOA_X

ClientSampled :

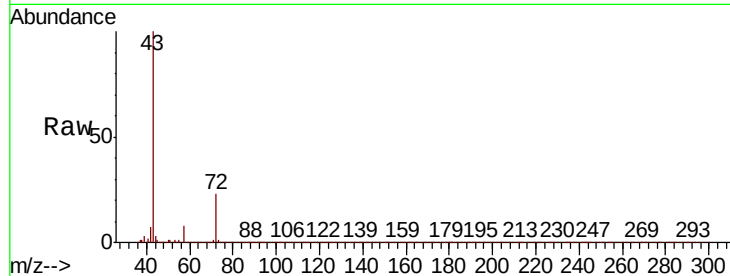
VSTDIC150

Tot Ion: 43 Resp: 7251573

Ion Ratio Lower Upper

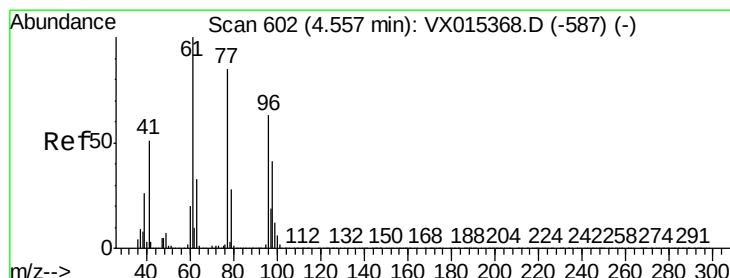
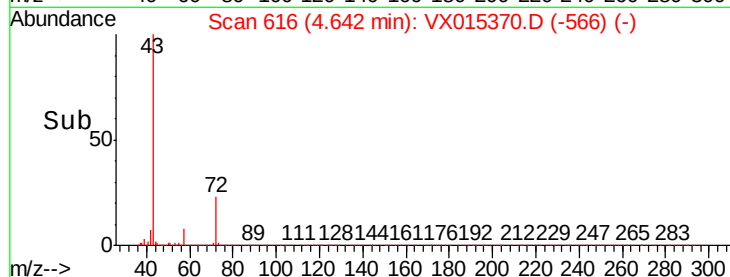
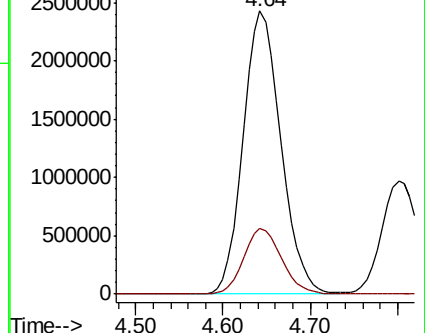
43 100

72 23.0 19.0 28.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 133.671 ug/l

RT: 4.55 min Scan# 601

Delta R.T. -0.01 min

Lab File: VX015370.D

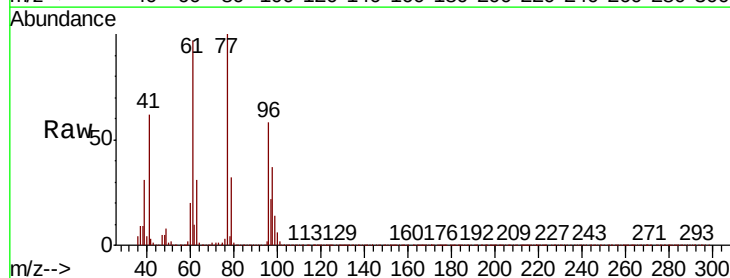
Acq: 26 Mar 2020 21:24

Tgt Ion: 77 Resp: 2631800

Ion Ratio Lower Upper

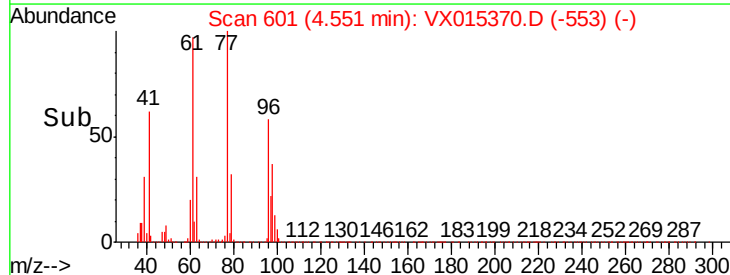
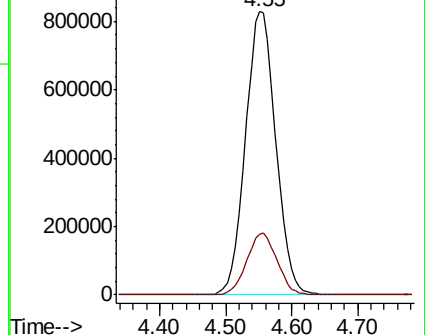
77 100

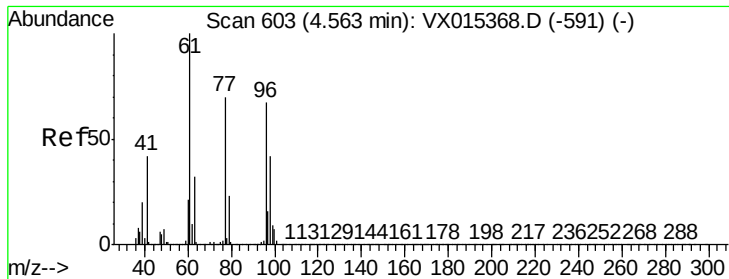
97 21.9 11.3 33.8



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0



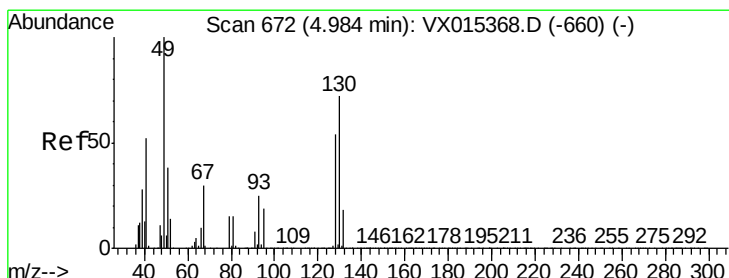
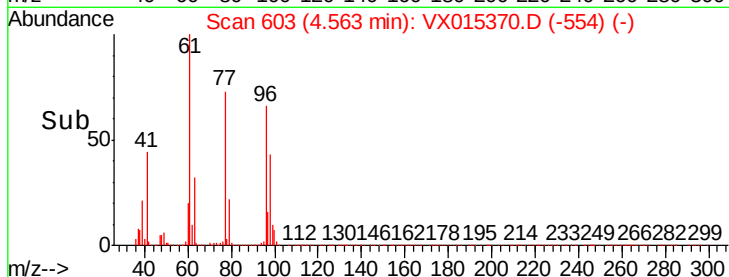
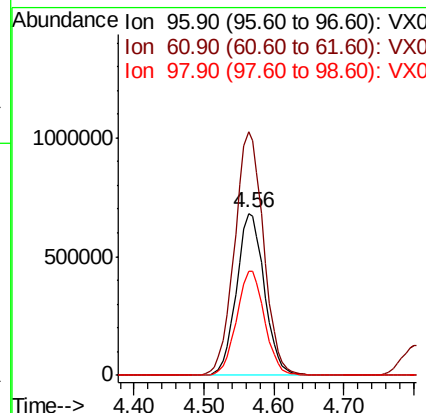
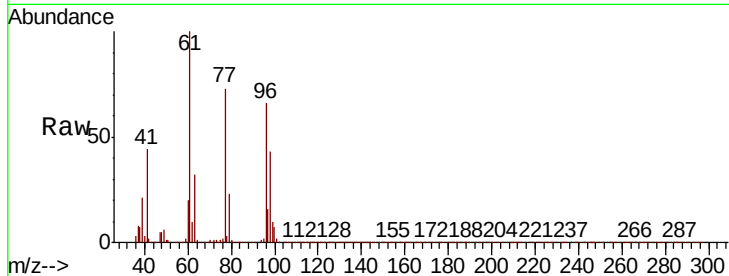


#27

cis-1,2-Dichloroethene
Concen: 115.832 ug/l
RT: 4.56 min Scan# 603
Delta R.T. -0.00 min
Lab File: VX015370.D
Acq: 26 Mar 2020 21:24

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

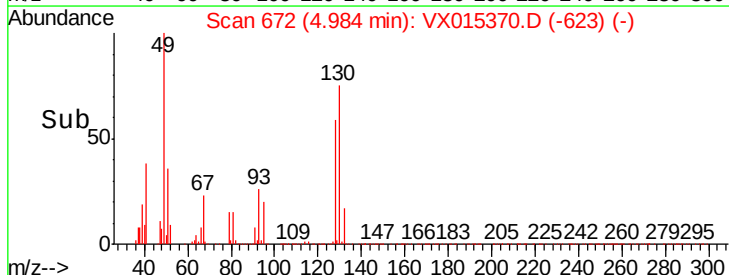
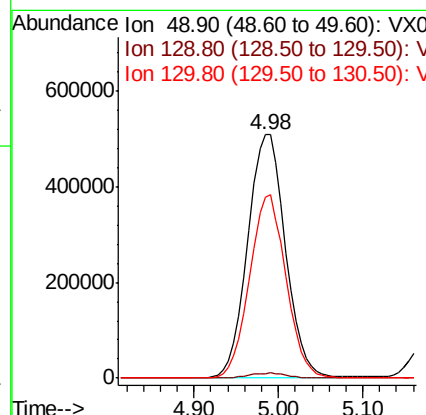
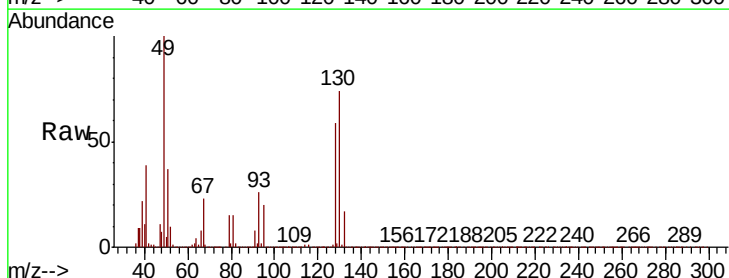
Tot Ion: 96 Resp: 1880611
Ion Ratio Lower Upper
96 100
61 156.9 0.0 308.4
98 65.0 0.0 129.2

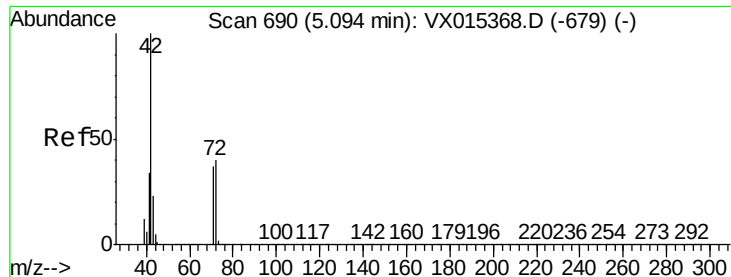


#28

Bromochloromethane
Concen: 144.767 ug/l
RT: 4.98 min Scan# 672
Delta R.T. -0.00 min
Lab File: VX015370.D
Acq: 26 Mar 2020 21:24

Tgt Ion: 49 Resp: 1549285
Ion Ratio Lower Upper
49 100
129 2.1 0.0 4.4
130 72.9 57.7 86.5





#29

Tetrahydrofuran

Concen: 787.210 ug/l

RT: 5.09 min Scan# 690

Delta R.T. -0.00 min

Lab File: VX015370.D

Acq: 26 Mar 2020 21:24

Instrument :

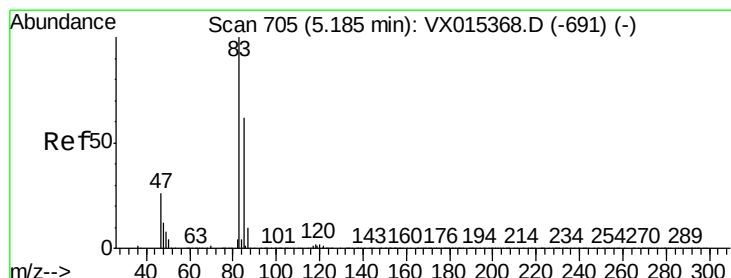
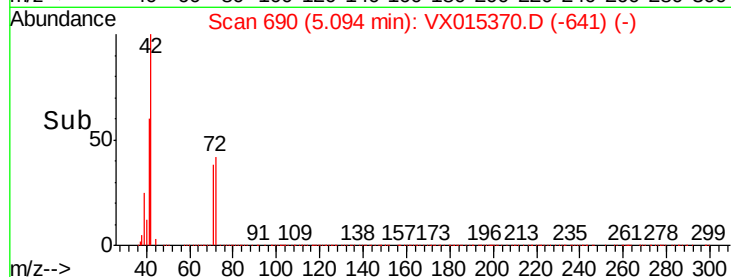
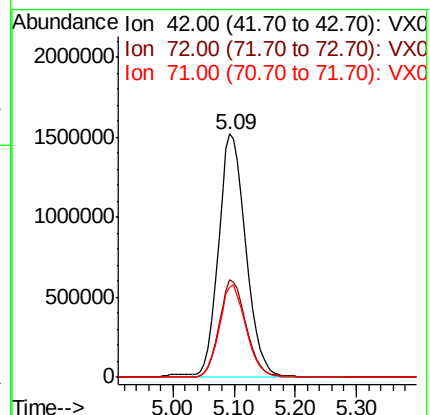
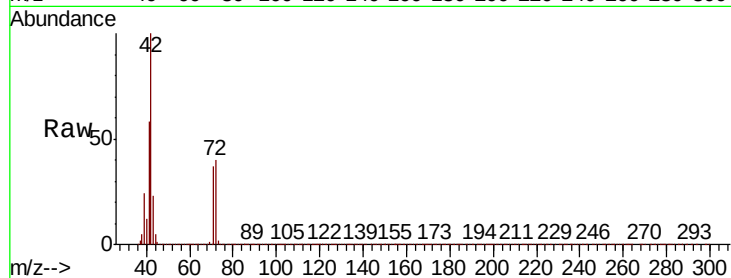
MSVOA_X

ClientSampleId :

VSTDIC150

Tot Ion: 42 Resp: 4728870

Ion	Ratio	Lower	Upper
42	100		
72	39.8	31.7	47.5
71	37.2	29.6	44.4



#30

Chloroform

Concen: 120.959 ug/l

RT: 5.18 min Scan# 705

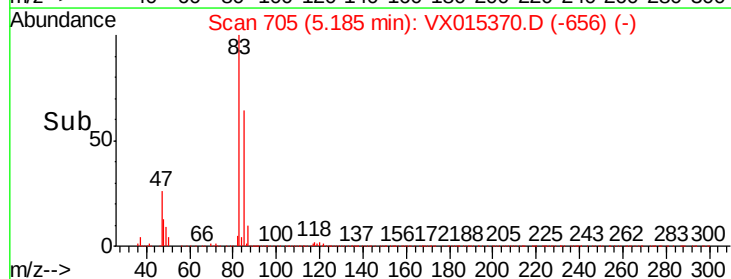
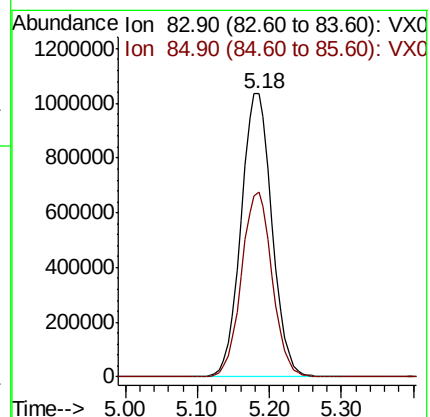
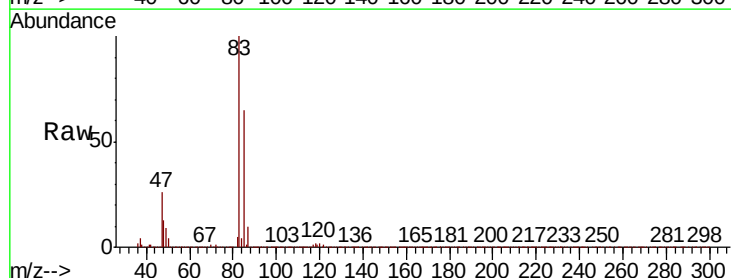
Delta R.T. -0.00 min

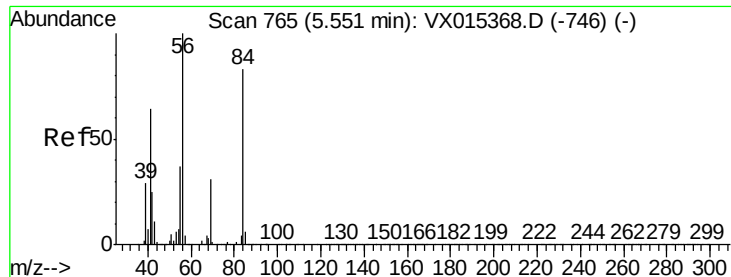
Lab File: VX015370.D

Acq: 26 Mar 2020 21:24

Tgt Ion: 83 Resp: 3080688

Ion	Ratio	Lower	Upper
83	100		
85	65.4	49.5	74.3





#31

Cyclohexane

Concen: 151.091 ug/l

RT: 5.55 min Scan# 765

Delta R.T. -0.00 min

Lab File: VX015370.D

Acq: 26 Mar 2020 21:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

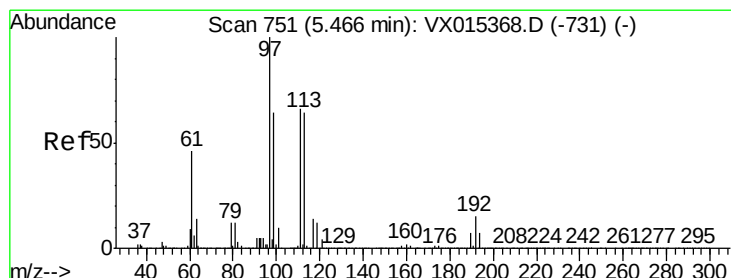
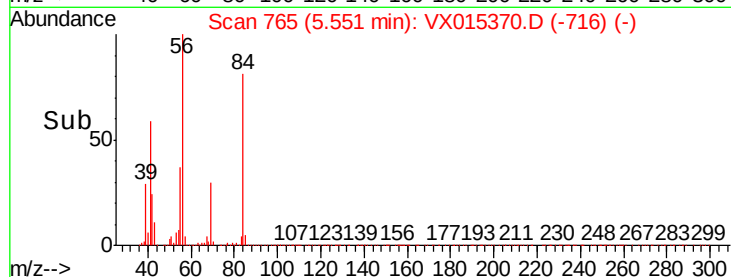
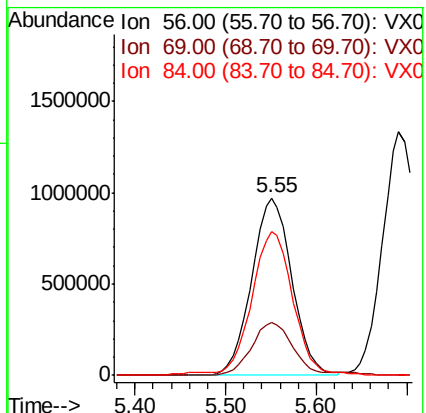
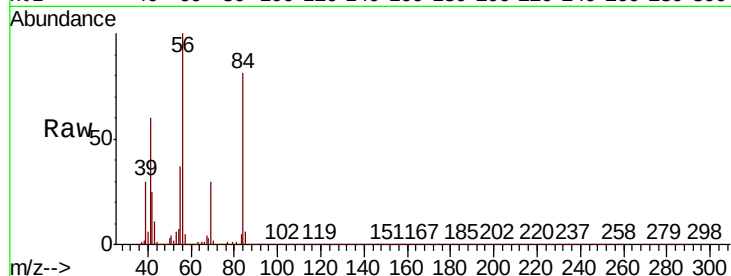
Tot Ion: 56 Resp: 2964822

Ion Ratio Lower Upper

56 100

69 29.8 24.6 36.8

84 79.6 66.1 99.1



#32

1,1,1-Trichloroethane

Concen: 137.282 ug/l

RT: 5.47 min Scan# 751

Delta R.T. -0.00 min

Lab File: VX015370.D

Acq: 26 Mar 2020 21:24

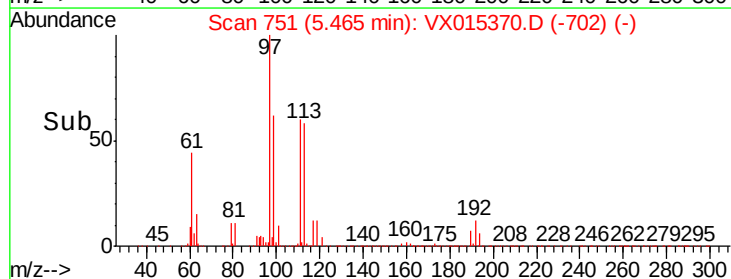
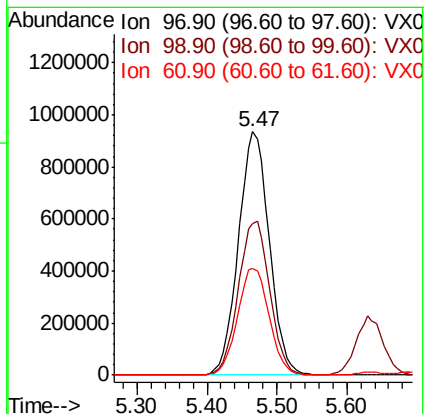
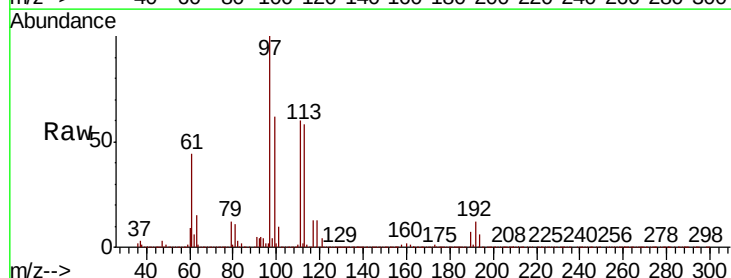
Tgt Ion: 97 Resp: 2860860

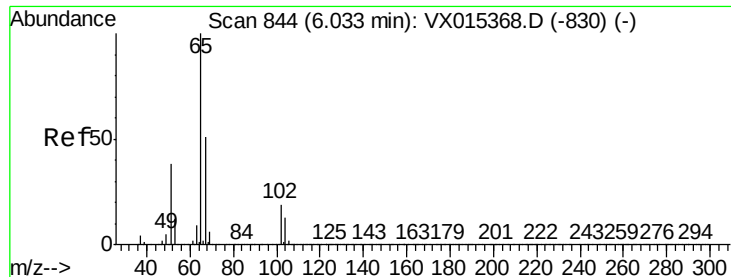
Ion Ratio Lower Upper

97 100

99 64.4 51.0 76.4

61 45.2 36.1 54.1

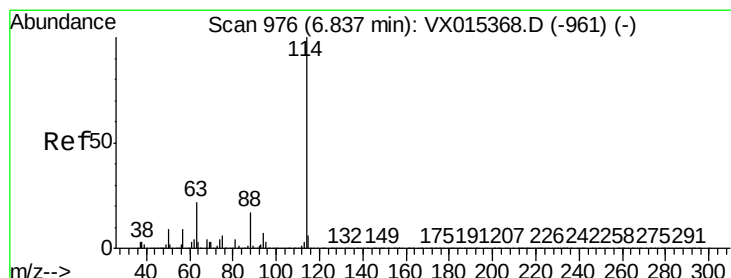
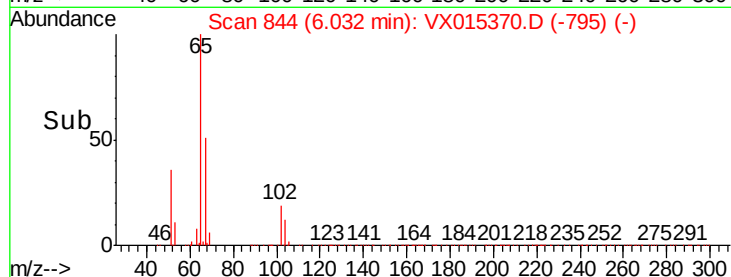
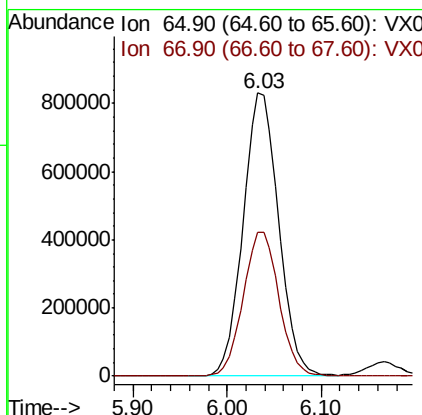
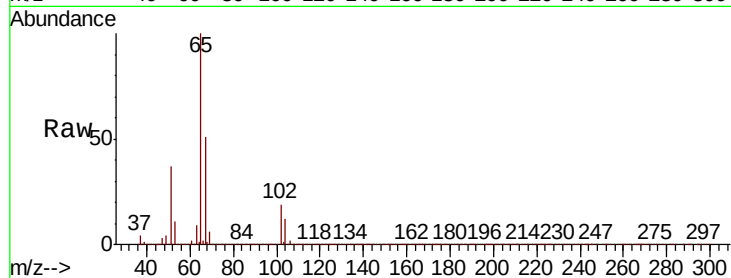




#33
 1,2-Dichloroethane-d4
 Concen: 153.386 ug/l
 RT: 6.03 min Scan# 844
 Delta R.T. -0.00 min
 Lab File: VX015370.D
 Acq: 26 Mar 2020 21:24

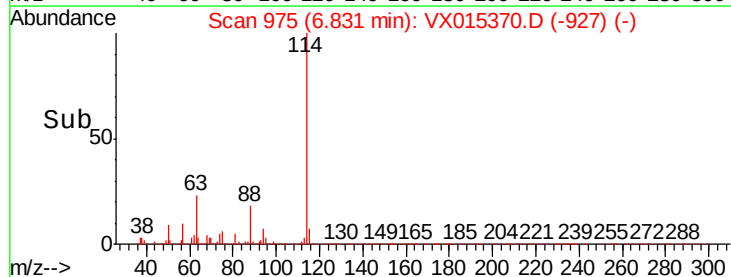
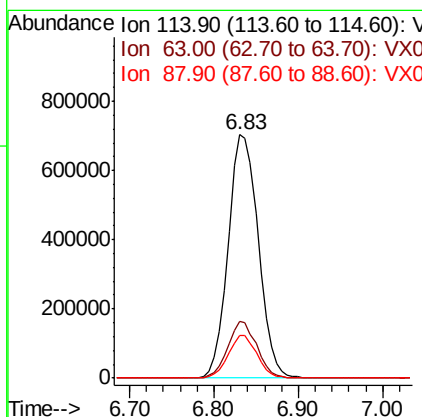
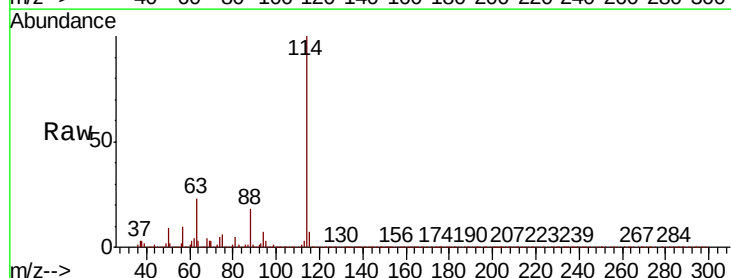
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

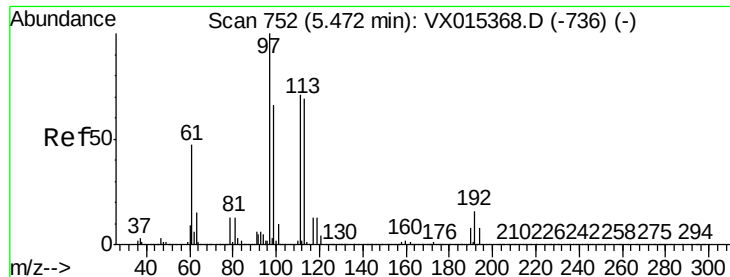
Tot Ion: 65 Resp: 2182185
 Ion Ratio Lower Upper
 65 100
 67 51.1 0.0 102.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.83 min Scan# 975
 Delta R.T. -0.01 min
 Lab File: VX015370.D
 Acq: 26 Mar 2020 21:24

Tgt Ion: 114 Resp: 1707516
 Ion Ratio Lower Upper
 114 100
 63 23.1 0.0 44.2
 88 17.7 0.0 33.8

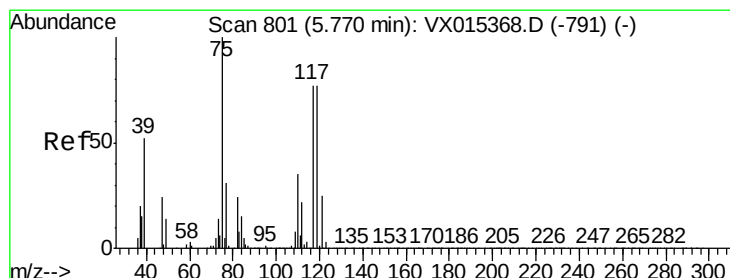
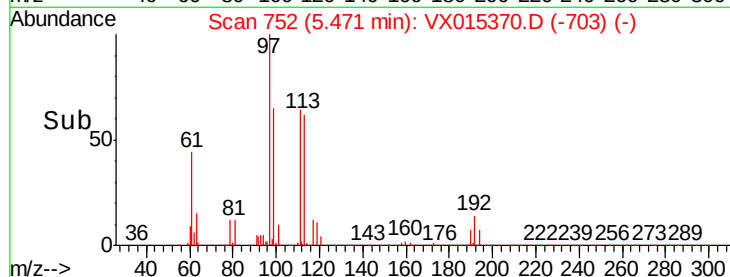
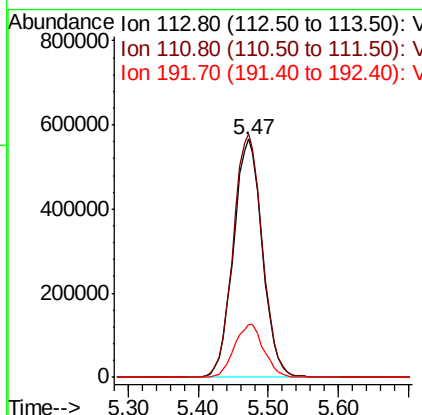
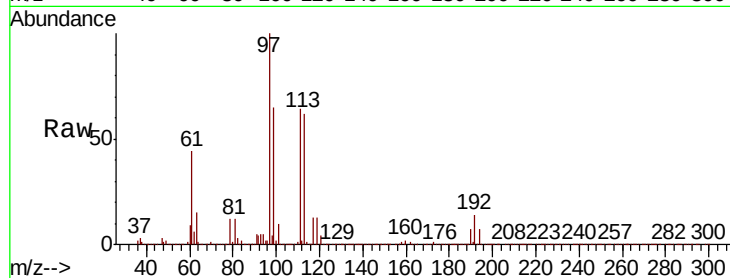




#35
 Dibromofluoromethane
 Concen: 144.980 ug/l
 RT: 5.47 min Scan# 752
 Delta R.T. -0.00 min
 Lab File: VX015370.D
 Acq: 26 Mar 2020 21:24

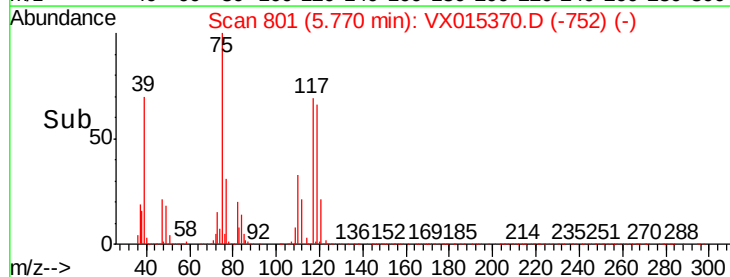
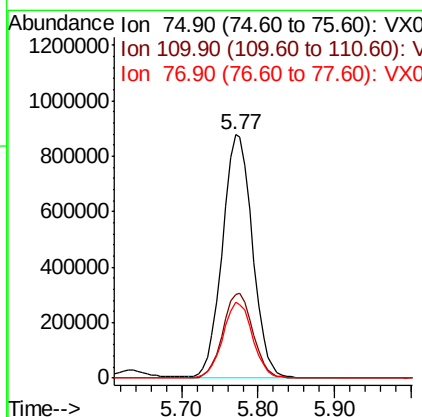
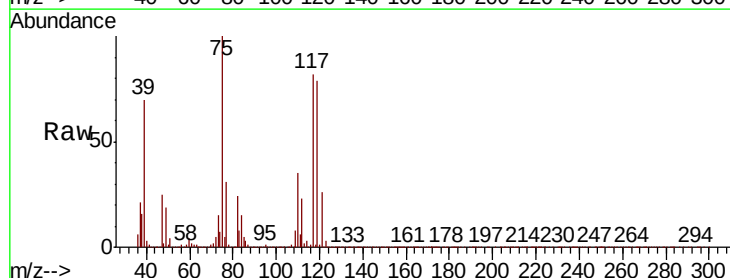
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

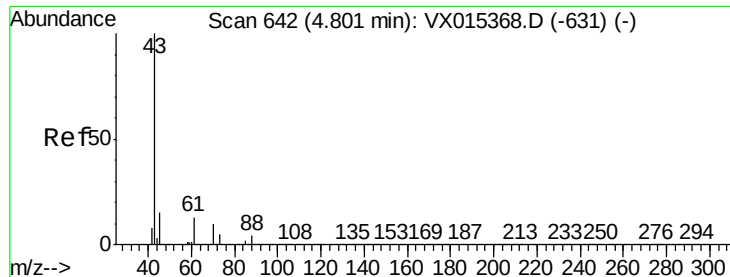
Tot Ion:113 Resp: 1615225
 Ion Ratio Lower Upper
 113 100
 111 103.2 81.5 122.3
 192 22.8 17.8 26.6



#36
 1,1-Dichloropropene
 Concen: 150.085 ug/l
 RT: 5.77 min Scan# 801
 Delta R.T. -0.00 min
 Lab File: VX015370.D
 Acq: 26 Mar 2020 21:24

Tgt Ion: 75 Resp: 2381533
 Ion Ratio Lower Upper
 75 100
 110 34.8 17.1 51.3
 77 30.6 24.6 36.8



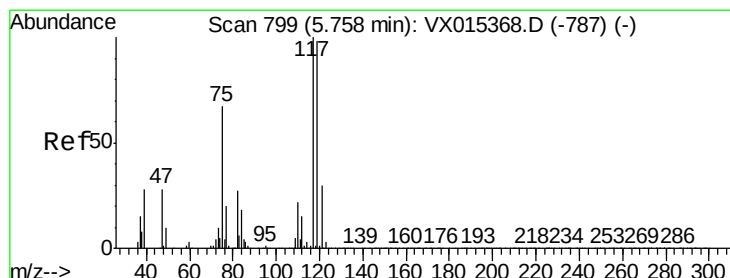
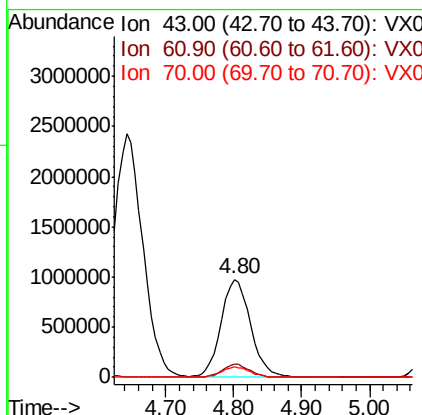
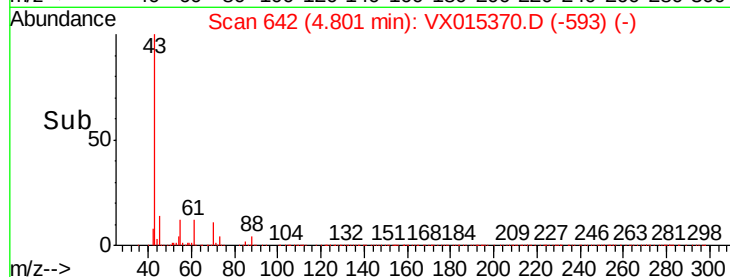
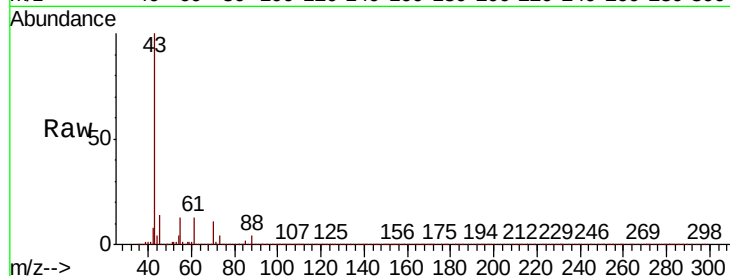


#37
Ethyl Acetate
Concen: 182.823 ug/l
RT: 4.80 min Scan# 642
Delta R.T. -0.00 min
Lab File: VX015370.D
Acq: 26 Mar 2020 21:24

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion: 43 Resp: 2908018

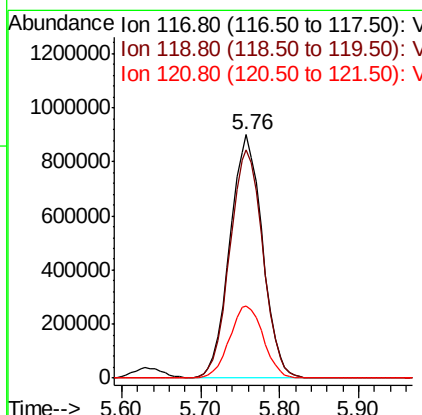
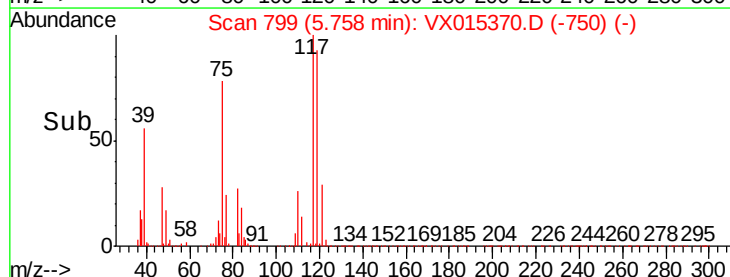
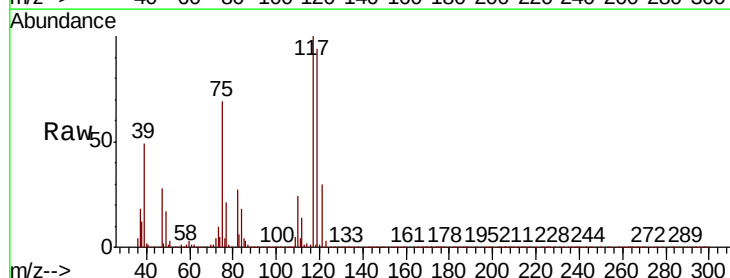
Ion	Ratio	Lower	Upper
43	100		
61	12.5	9.9	14.9
70	10.2	8.1	12.1

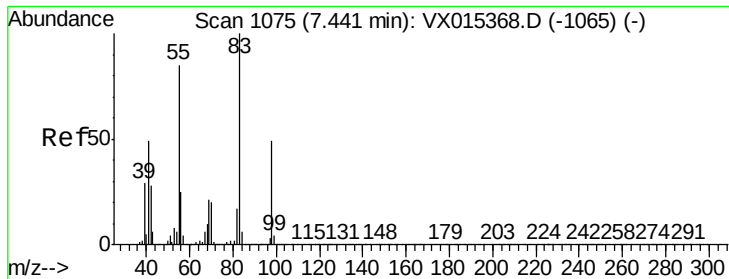


#38
Carbon Tetrachloride
Concen: 169.049 ug/l
RT: 5.76 min Scan# 799
Delta R.T. -0.00 min
Lab File: VX015370.D
Acq: 26 Mar 2020 21:24

Tgt Ion: 117 Resp: 2579685

Ion	Ratio	Lower	Upper
117	100		
119	93.5	78.0	117.0
121	29.7	23.8	35.8

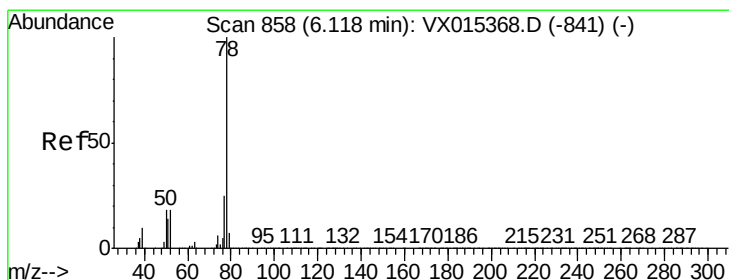
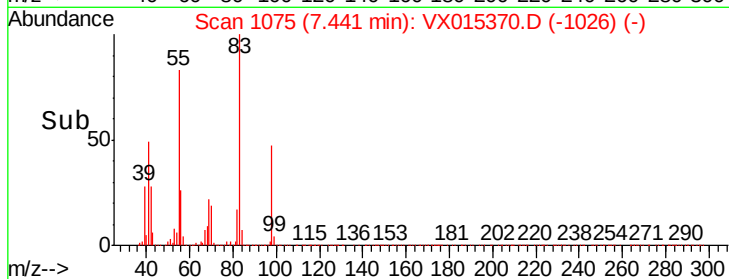
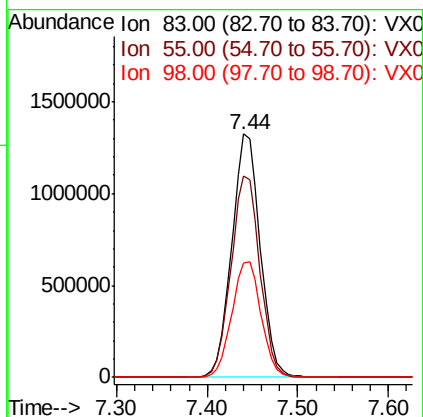
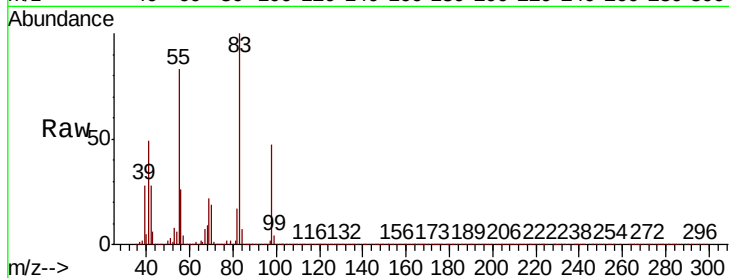




#39
Methylvlcyclohexane
Concen: 155.853 ug/l
RT: 7.44 min Scan# 1075
Delta R.T. -0.00 min
Lab File: VX015370.D
Acq: 26 Mar 2020 21:24

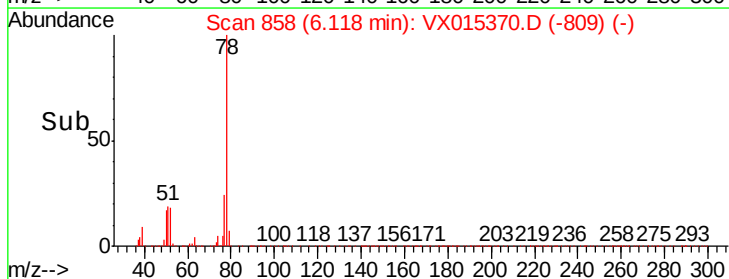
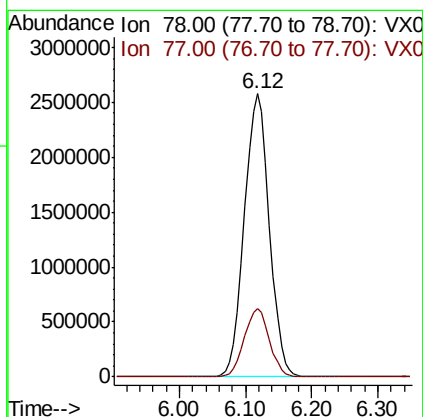
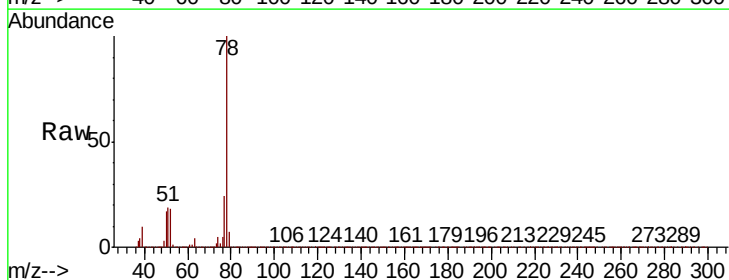
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

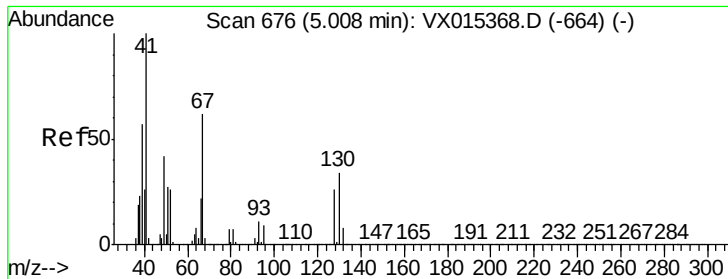
Tot Ion: 83 Resp: 2872031
Ion Ratio Lower Upper
83 100
55 82.6 67.8 101.6
98 47.2 39.3 58.9



#40
Benzene
Concen: 139.105 ug/l
RT: 6.12 min Scan# 858
Delta R.T. -0.00 min
Lab File: VX015370.D
Acq: 26 Mar 2020 21:24

Tgt Ion: 78 Resp: 6768203
Ion Ratio Lower Upper
78 100
77 24.0 19.8 29.8

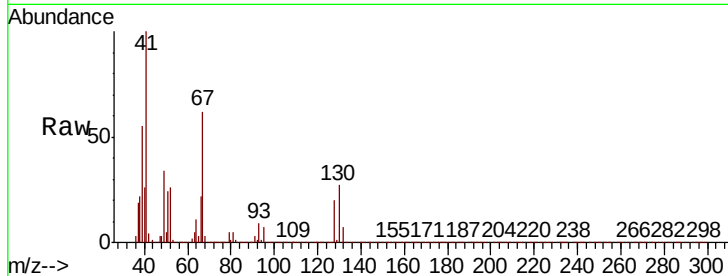




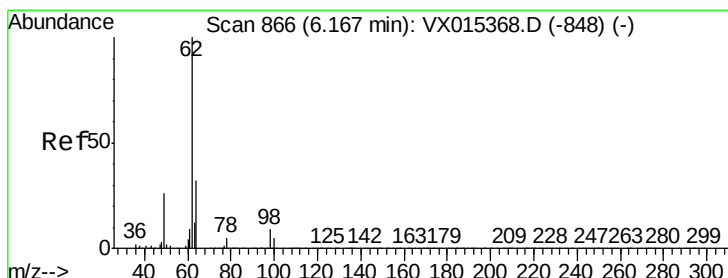
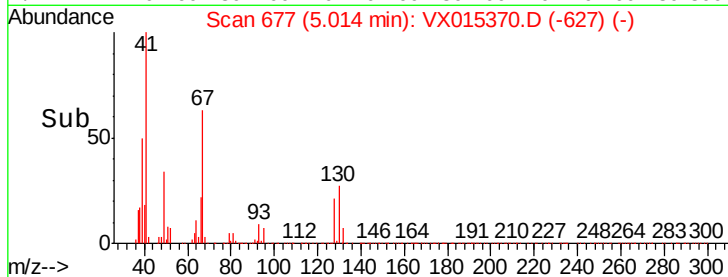
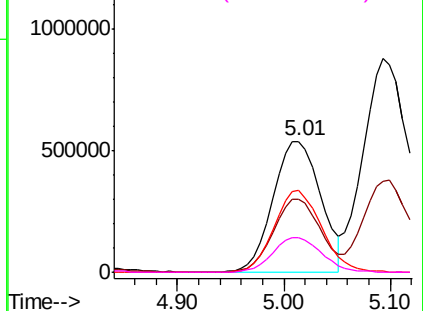
#41
Methacrylonitrile
Concen: 192.657 ug/l
RT: 5.01 min Scan# 677
Delta R.T. 0.01 min
Lab File: VX015370.D
Acq: 26 Mar 2020 21:24

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion:	41	Resp:	1662188
Ion	Ratio	Lower	Upper
41	100		
39	54.8	44.5	66.7
67	62.1	48.9	73.3
52	27.0	21.8	32.6

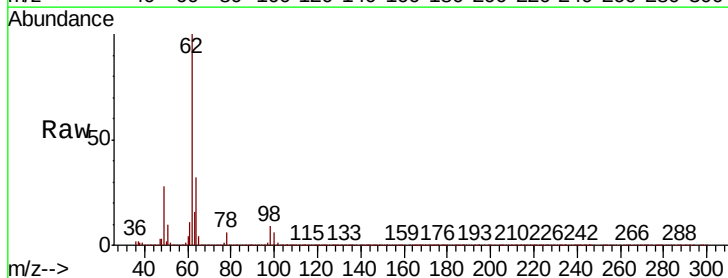


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

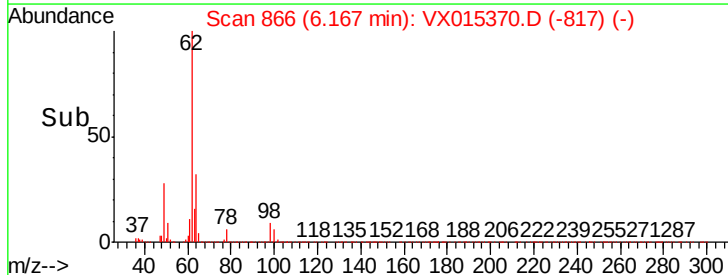
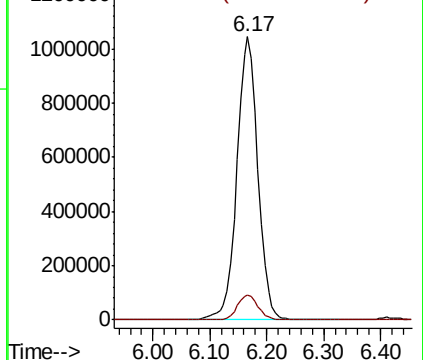


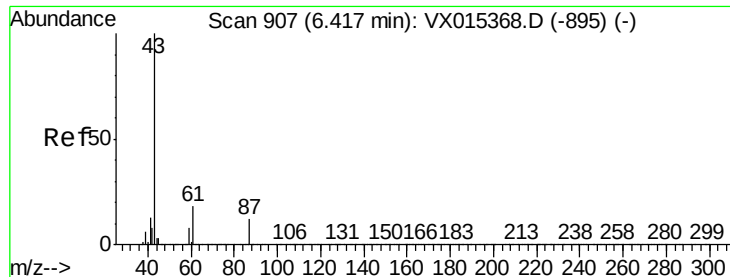
#42
1,2-Dichloroethane
Concen: 171.667 ug/l
RT: 6.17 min Scan# 866
Delta R.T. -0.00 min
Lab File: VX015370.D
Acq: 26 Mar 2020 21:24

Tgt Ion:	62	Resp:	2683971
Ion	Ratio	Lower	Upper
62	100		
98	8.8	0.0	17.6



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





#43

Isopropyl Acetate

Concen: 204.719 ug/l

RT: 6.42 min Scan# 907

Delta R.T. -0.00 min

Lab File: VX015370.D

Acq: 26 Mar 2020 21:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

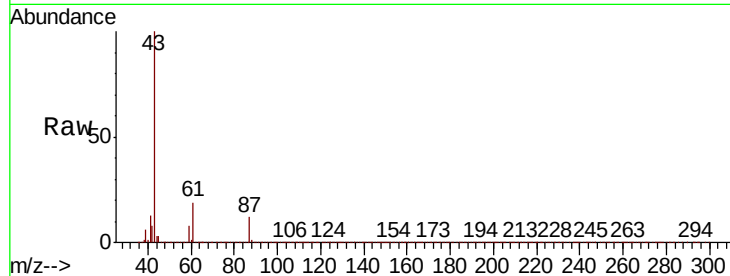
Tot Ion: 43 Resp: 5044473

Ion Ratio Lower Upper

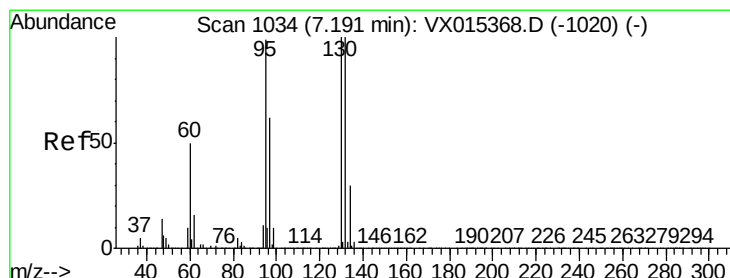
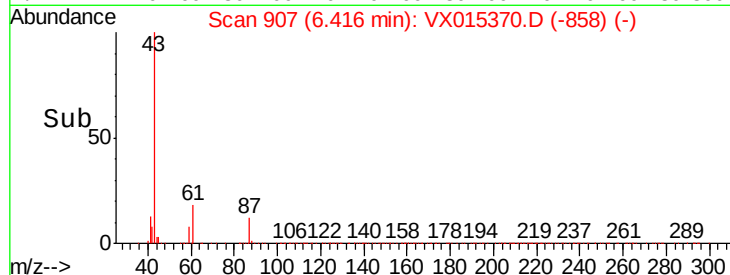
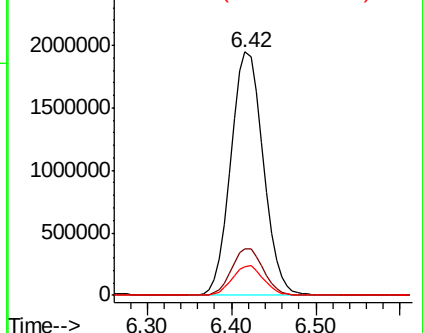
43 100

61 18.8 14.8 22.2

87 11.8 9.4 14.0



Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 61.00 (60.70 to 61.70): VX0
Ion 87.00 (86.70 to 87.70): VX0



#44

Trichloroethene

Concen: 143.101 ug/l

RT: 7.19 min Scan# 1034

Delta R.T. -0.00 min

Lab File: VX015370.D

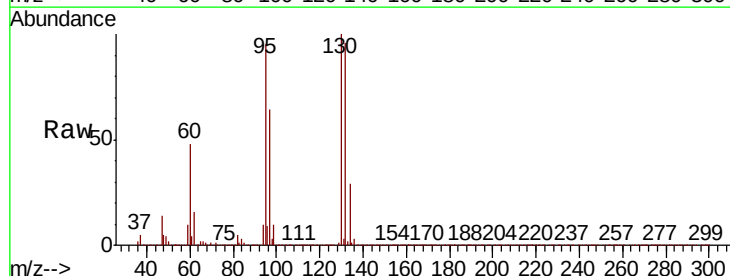
Acq: 26 Mar 2020 21:24

Tgt Ion:130 Resp: 1907741

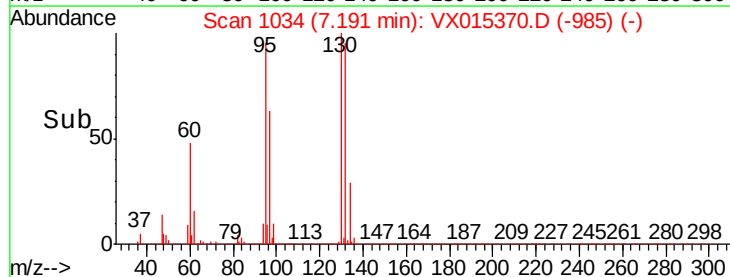
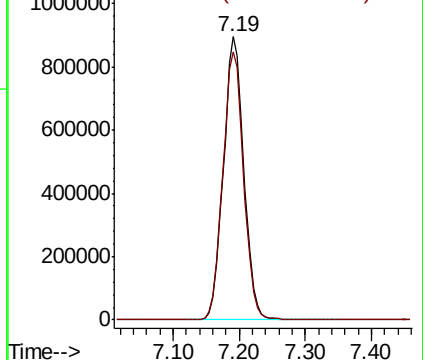
Ion Ratio Lower Upper

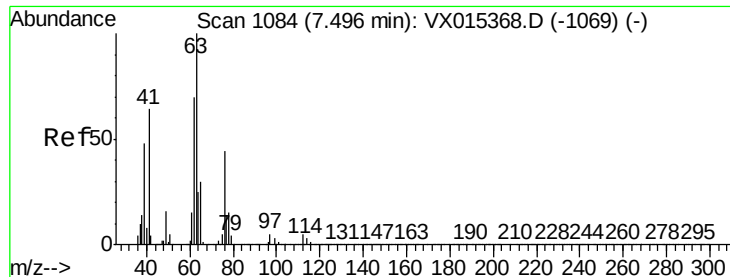
130 100

95 94.5 0.0 199.0



Abundance Ion 129.80 (129.50 to 130.50): V
Ion 94.90 (94.60 to 95.60): VX0

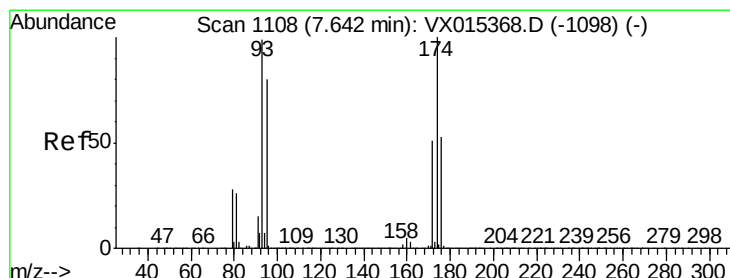
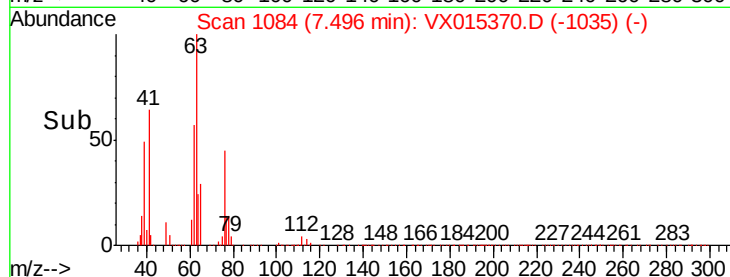
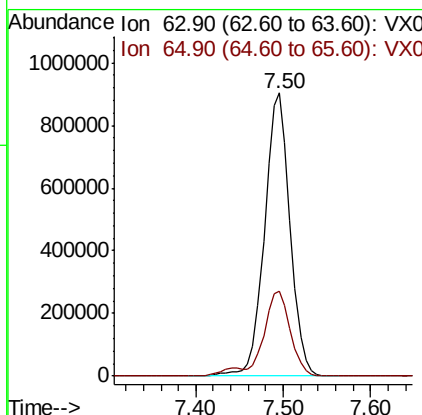
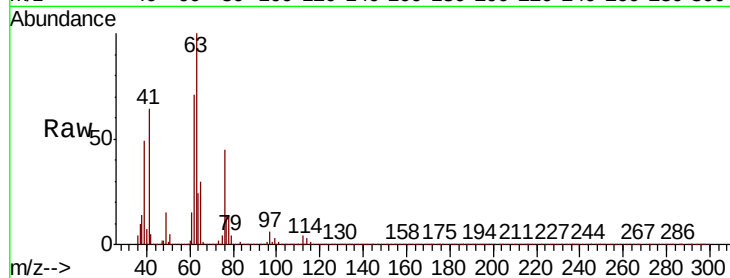




#45
 1,2-Dichloropropane
 Concen: 156.688 ug/l
 RT: 7.50 min Scan# 1084
 Delta R.T. -0.00 min
 Lab File: VX015370.D
 Acq: 26 Mar 2020 21:24

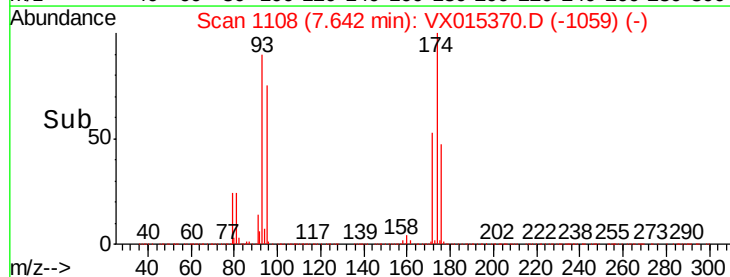
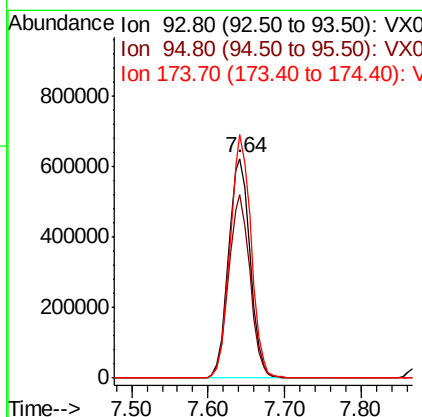
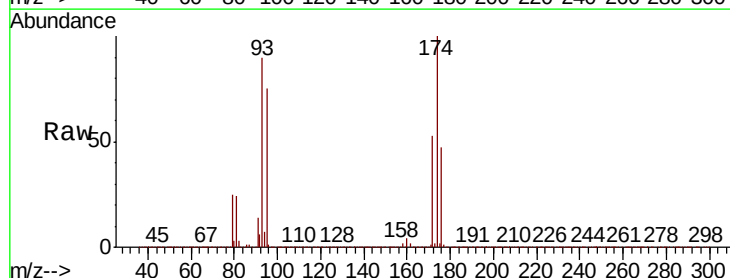
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

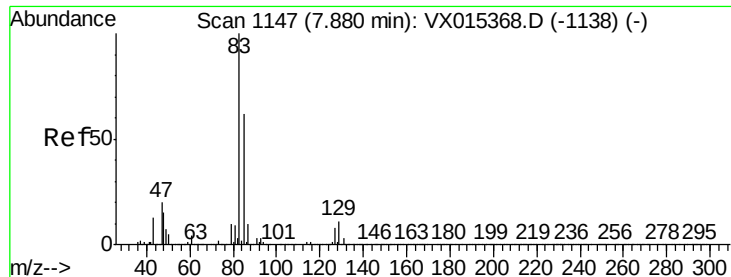
Tot Ion: 63 Resp: 1841125
 Ion Ratio Lower Upper
 63 100
 65 29.9 23.9 35.9



#46
 Dibromomethane
 Concen: 147.481 ug/l
 RT: 7.64 min Scan# 1108
 Delta R.T. -0.00 min
 Lab File: VX015370.D
 Acq: 26 Mar 2020 21:24

Tgt Ion: 93 Resp: 1211914
 Ion Ratio Lower Upper
 93 100
 95 82.3 65.8 98.8
 174 108.6 86.2 129.2





#47

Bromodichloromethane

Concen: 164.669 ug/l

RT: 7.88 min Scan# 1147

Delta R.T. -0.00 min

Lab File: VX015370.D

Acq: 26 Mar 2020 21:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

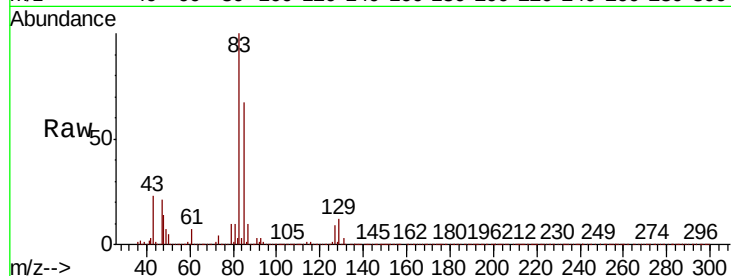
Tot Ion: 83 Resp: 2584806

Ion Ratio Lower Upper

83 100

85 67.2 49.7 74.5

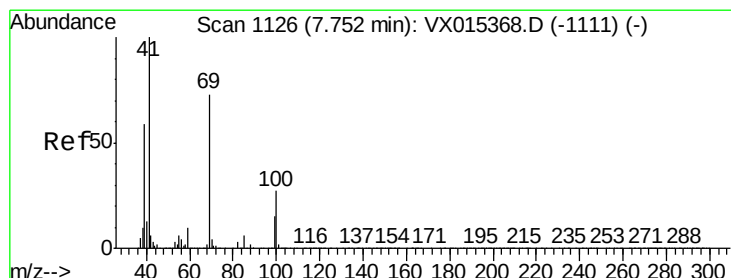
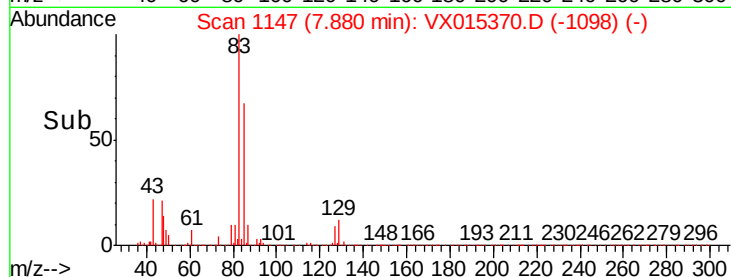
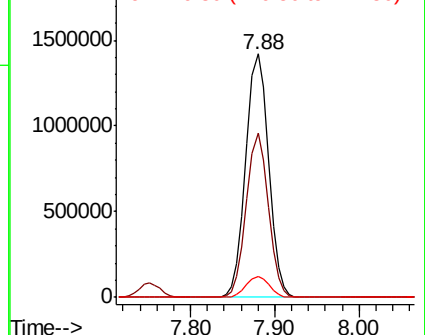
127 8.7 6.7 10.1



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: 213.157 ug/l

RT: 7.75 min Scan# 1126

Delta R.T. -0.00 min

Lab File: VX015370.D

Acq: 26 Mar 2020 21:24

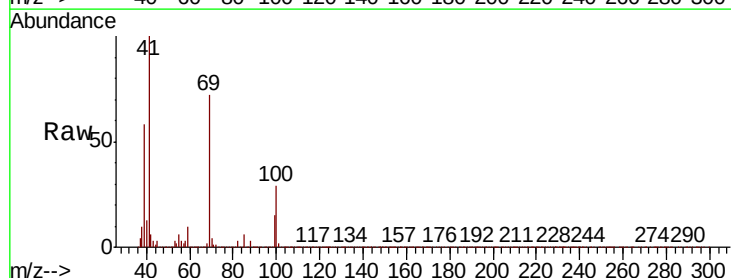
Tgt Ion: 41 Resp: 2522804

Ion Ratio Lower Upper

41 100

69 71.7 56.7 85.1

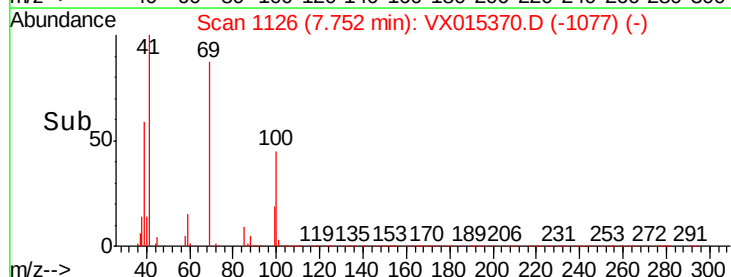
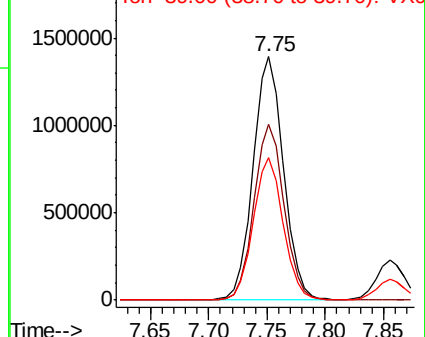
39 57.7 46.5 69.7

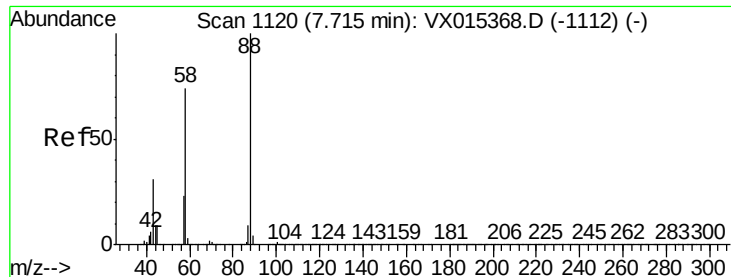


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#49

1,4-Dioxane

Concen: 3131.403 ug/l

RT: 7.72 min Scan# 1121

Delta R.T. 0.01 min

Lab File: VX015370.D

Acq: 26 Mar 2020 21:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

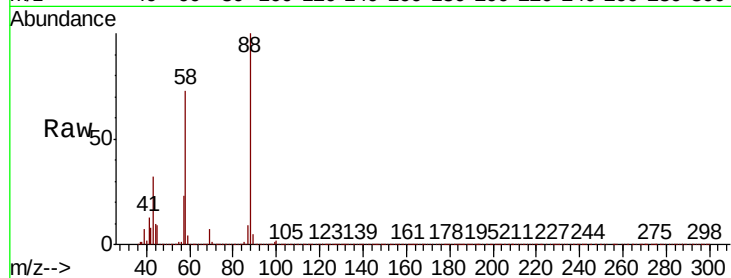
Tot Ion: 88 Resp: 943111

Ion Ratio Lower Upper

88 100

43 37.8 30.1 45.1

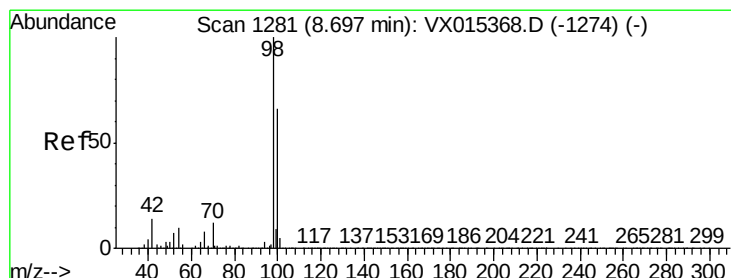
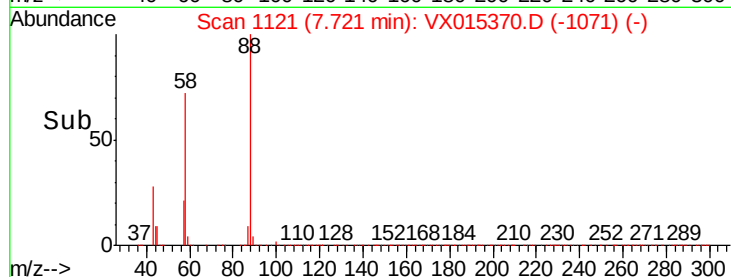
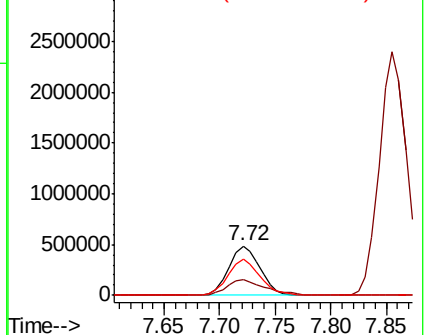
58 74.7 60.6 90.8



Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#50

Toluene-d8

Concen: 144.306 ug/l

RT: 8.70 min Scan# 1282

Delta R.T. 0.01 min

Lab File: VX015370.D

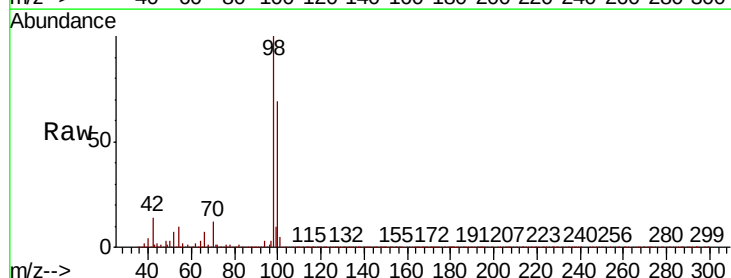
Acq: 26 Mar 2020 21:24

Tgt Ion: 98 Resp: 5846955

Ion Ratio Lower Upper

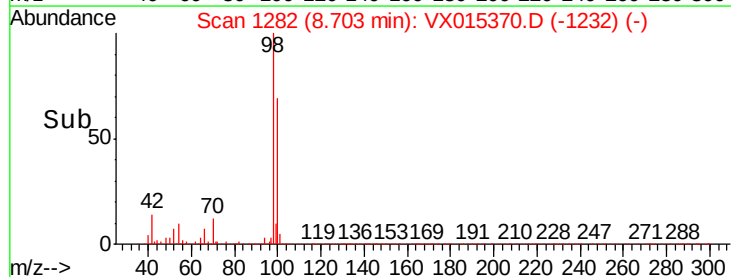
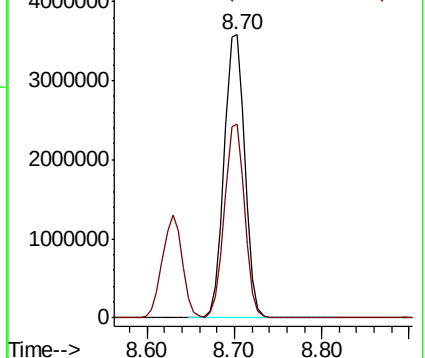
98 100

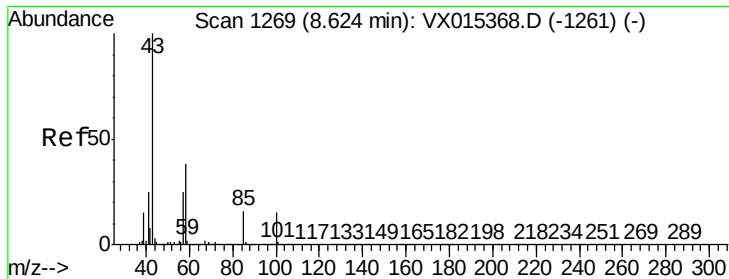
100 67.0 53.5 80.3



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





#51

4-Methyl-2-Pentanone

Concen: 888.006 ug/l

RT: 8.63 min Scan# 1270

Delta R.T. 0.01 min

Lab File: VX015370.D

Acq: 26 Mar 2020 21:24

Instrument :

MSVOA_X

ClientSampleId :

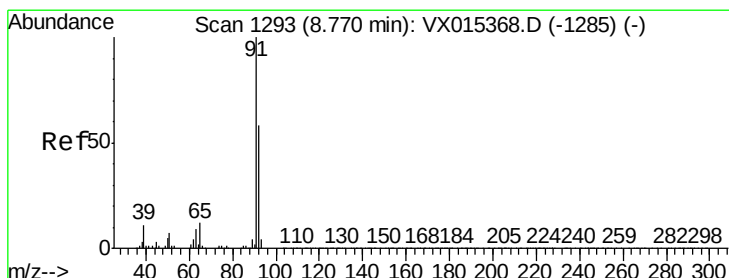
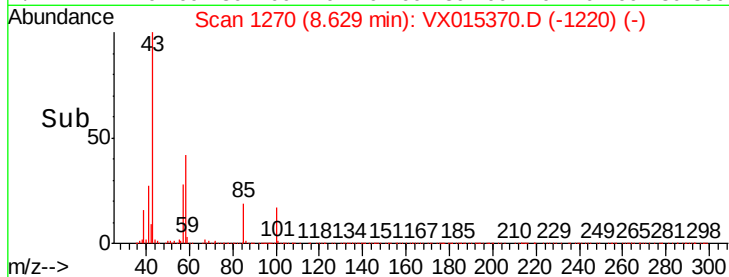
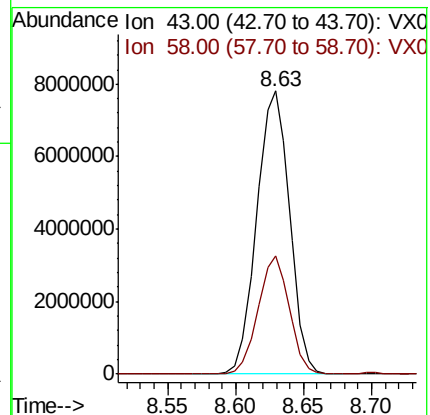
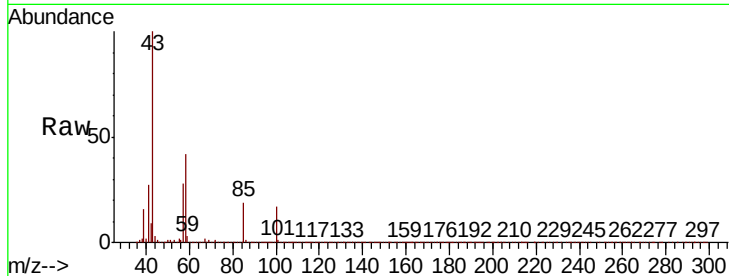
VSTDIC150

Tot Ion: 43 Resp:13235611

Ion Ratio Lower Upper

43 100

58 39.5 29.7 44.5



#52

Toluene

Concen: 140.964 ug/l

RT: 8.77 min Scan# 1293

Delta R.T. -0.00 min

Lab File: VX015370.D

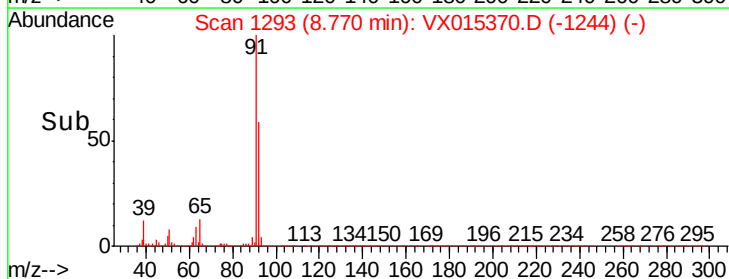
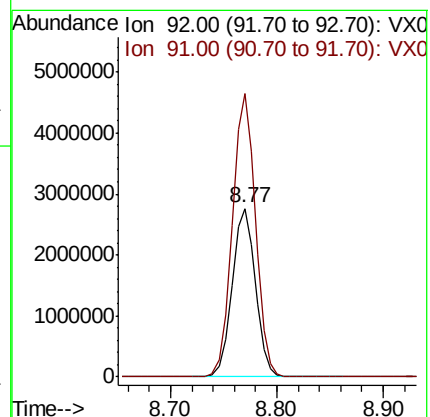
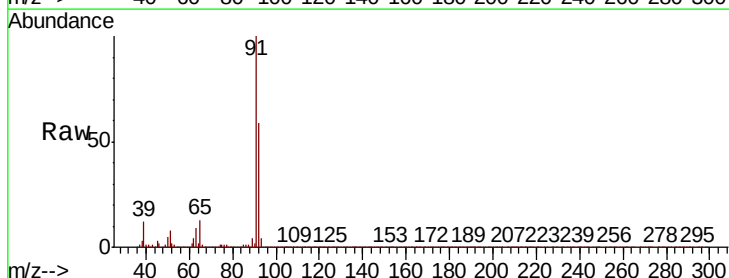
Acq: 26 Mar 2020 21:24

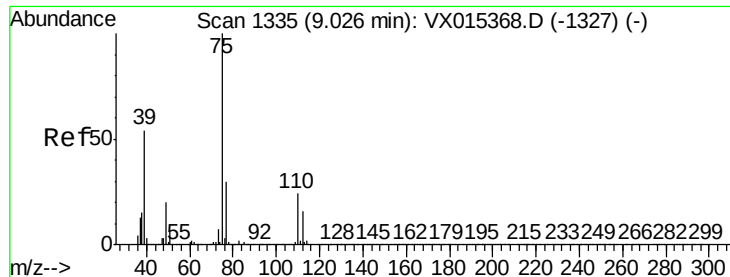
Tgt Ion: 92 Resp: 4203708

Ion Ratio Lower Upper

92 100

91 168.0 136.6 205.0





#53

t-1,3-Dichloropropene

Concen: 176.636 ug/l

RT: 9.03 min Scan# 1335

Delta R.T. -0.00 min

Lab File: VX015370.D

Acq: 26 Mar 2020 21:24

Instrument :

MSVOA_X

ClientSampleId :

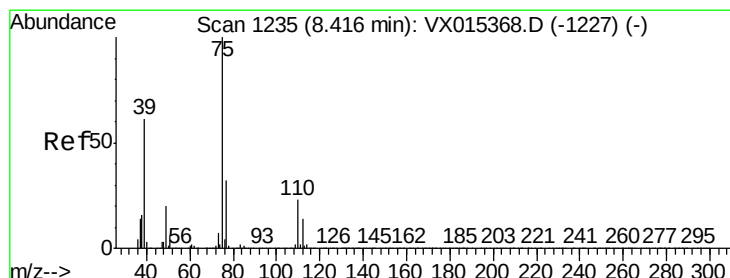
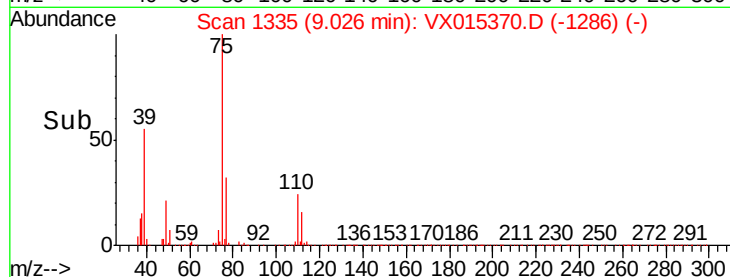
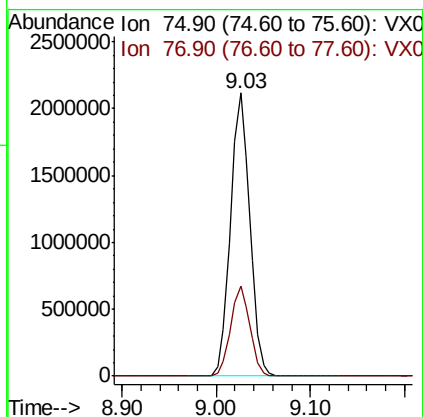
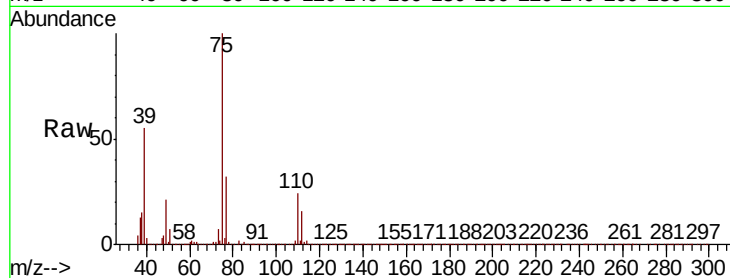
VSTDIC150

Tot Ion: 75 Resp: 3011797

Ion Ratio Lower Upper

75 100

77 32.0 24.1 36.1



#54

cis-1,3-Dichloropropene

Concen: 164.687 ug/l

RT: 8.42 min Scan# 1235

Delta R.T. -0.00 min

Lab File: VX015370.D

Acq: 26 Mar 2020 21:24

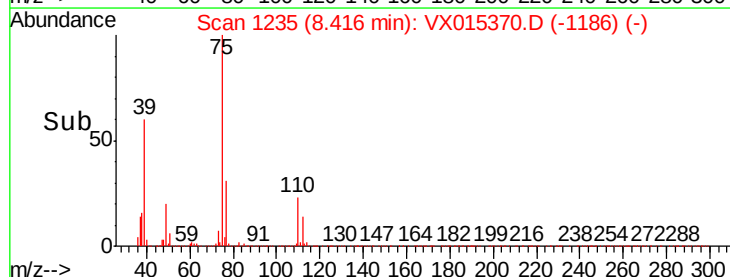
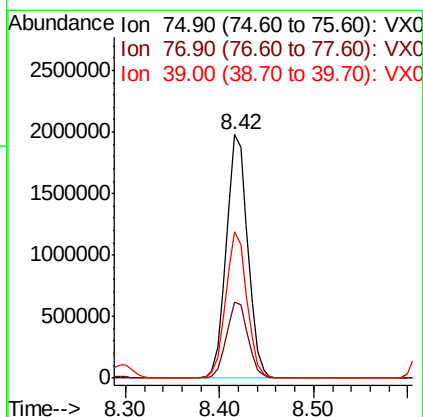
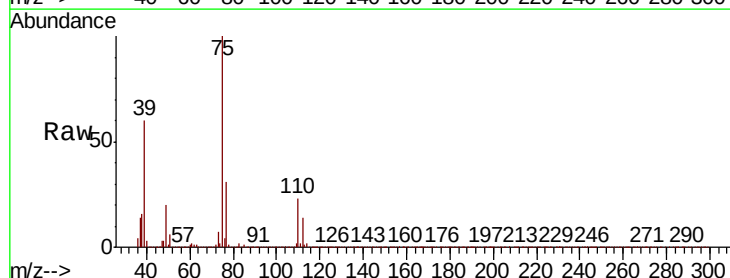
Tgt Ion: 75 Resp: 3118776

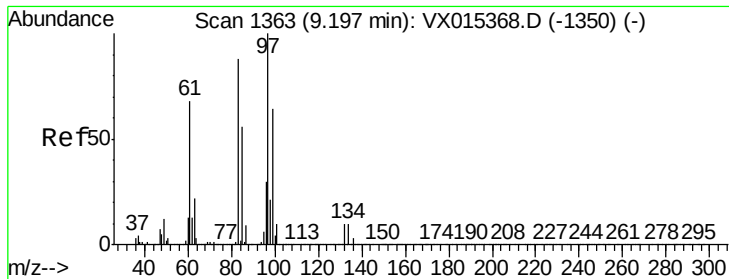
Ion Ratio Lower Upper

75 100

77 31.4 25.8 38.6

39 60.3 49.0 73.4



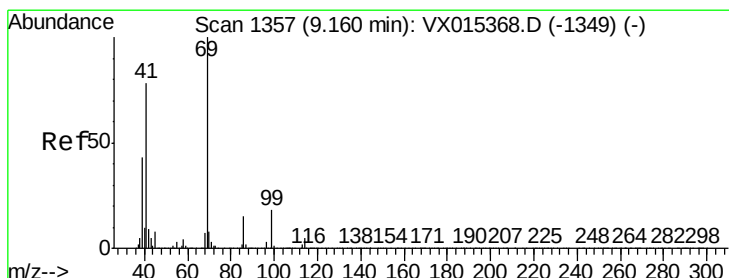
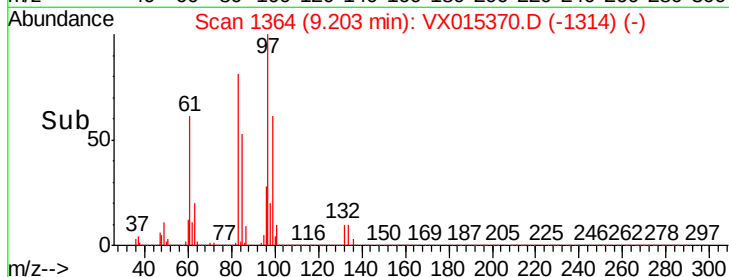
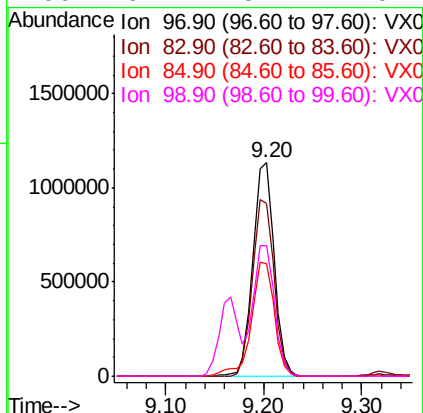
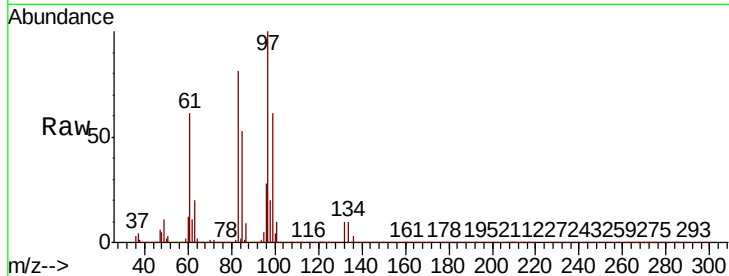


#55
 1,1,2-Trichloroethane
 Concen: 134.526 ug/l
 RT: 9.20 min Scan# 1364
 Delta R.T. 0.01 min
 Lab File: VX015370.D
 Acq: 26 Mar 2020 21:24

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

Tot Ion: 97 Resp: 1717136

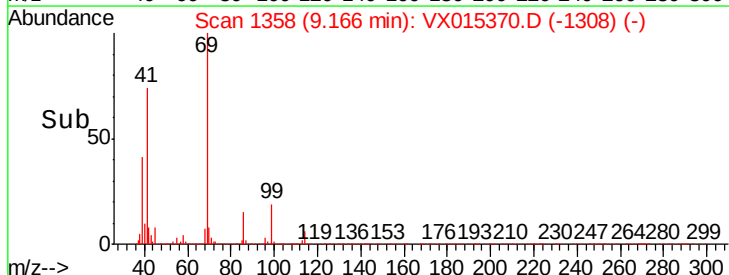
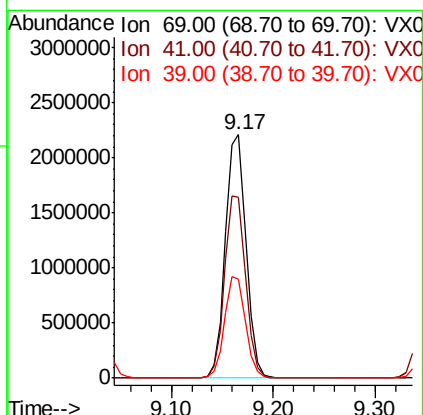
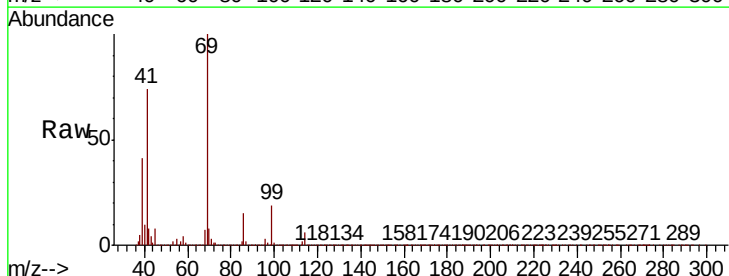
Ion	Ratio	Lower	Upper
97	100		
83	81.0	70.2	105.4
85	52.5	44.7	67.1
99	61.2	51.1	76.7

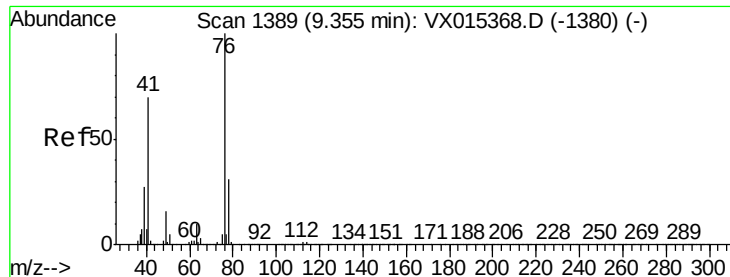


#56
 Ethyl methacrylate
 Concen: 177.909 ug/l
 RT: 9.17 min Scan# 1358
 Delta R.T. 0.01 min
 Lab File: VX015370.D
 Acq: 26 Mar 2020 21:24

Tgt Ion: 69 Resp: 3087540

Ion	Ratio	Lower	Upper
69	100		
41	76.5	61.6	92.4
39	42.1	34.0	51.0





#57

1,3-Dichloropropane

Concen: 141.749 ug/l

RT: 9.35 min Scan# 1389

Delta R.T. -0.00 min

Lab File: VX015370.D

Acq: 26 Mar 2020 21:24

Instrument :

MSVOA_X

ClientSampleId :

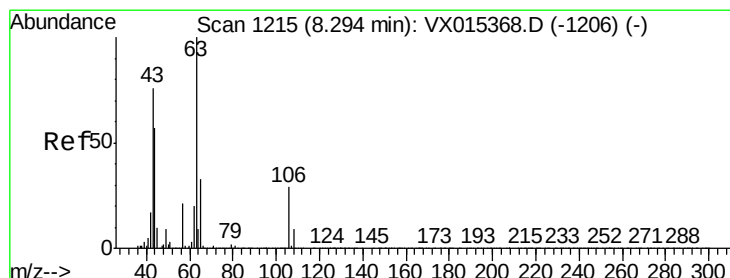
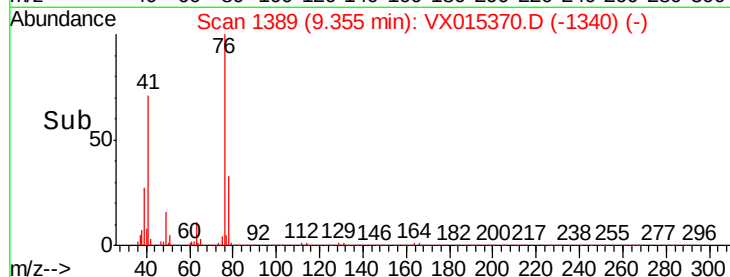
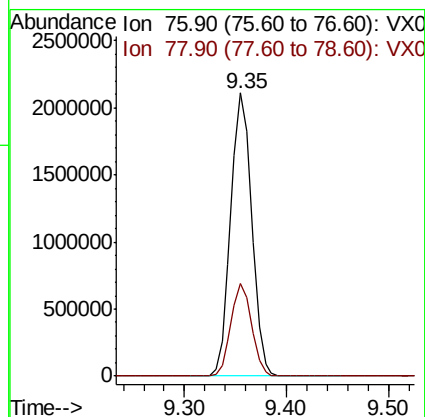
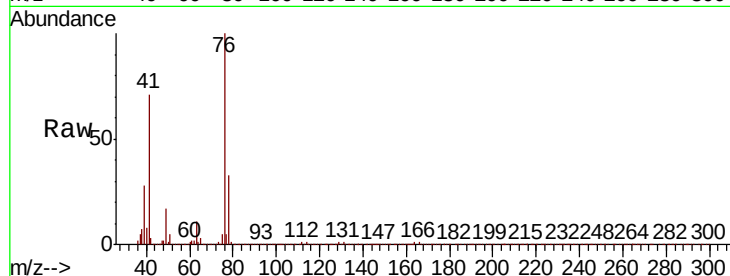
VSTDIC150

Tot Ion: 76 Resp: 3003094

Ion Ratio Lower Upper

76 100

78 32.1 25.8 38.8



#58

2-Chloroethyl Vinyl ether

Concen: 734.528 ug/l

RT: 8.30 min Scan# 1216

Delta R.T. 0.01 min

Lab File: VX015370.D

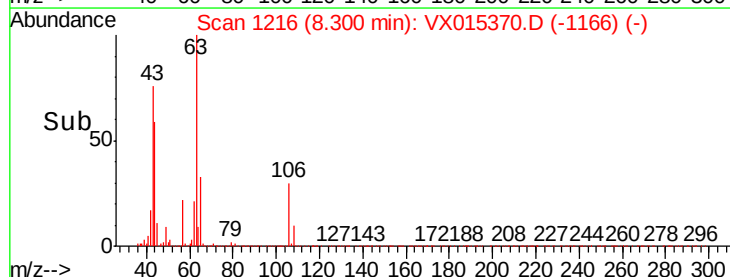
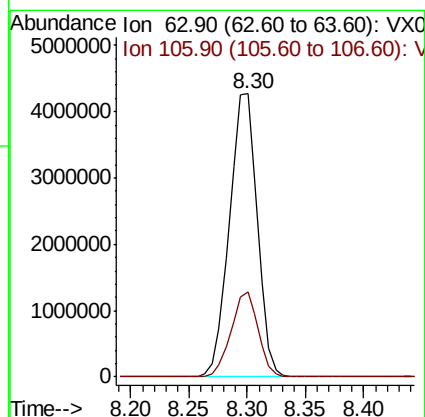
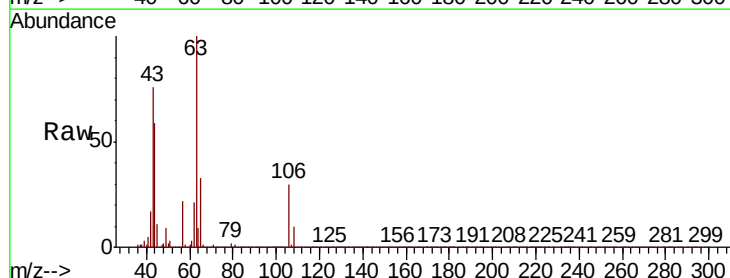
Acq: 26 Mar 2020 21:24

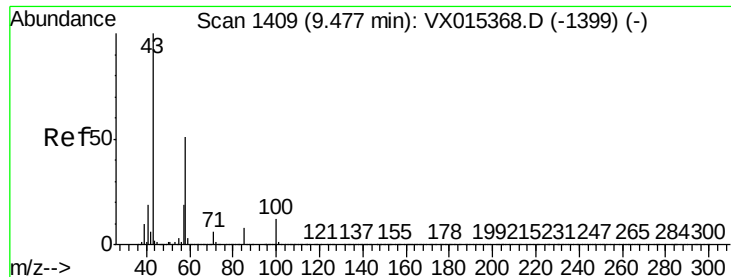
Tgt Ion: 63 Resp: 7123648

Ion Ratio Lower Upper

63 100

106 29.0 22.7 34.1

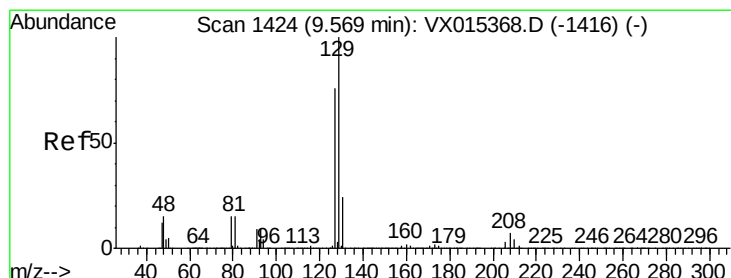
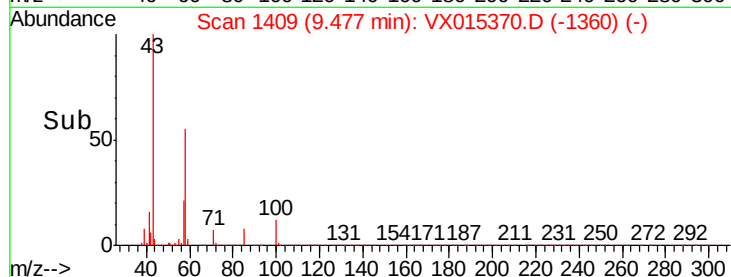
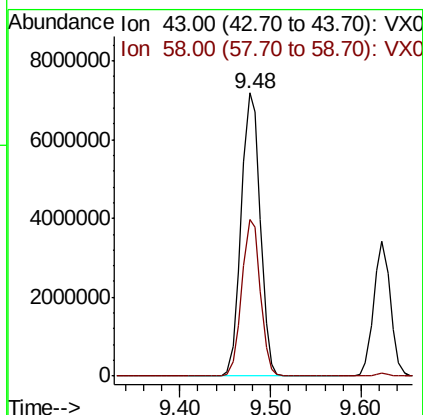
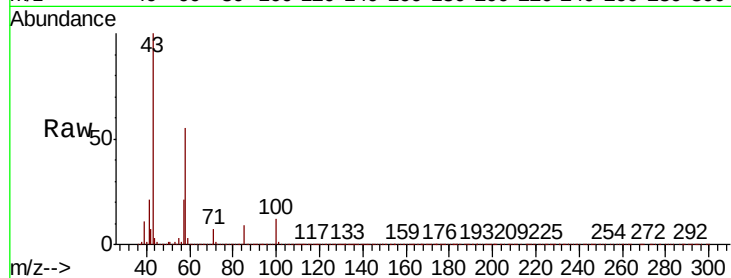




#59
2-Hexanone
Concen: 938.680 ug/l
RT: 9.48 min Scan# 1409
Delta R.T. -0.00 min
Lab File: VX015370.D
Acq: 26 Mar 2020 21:24

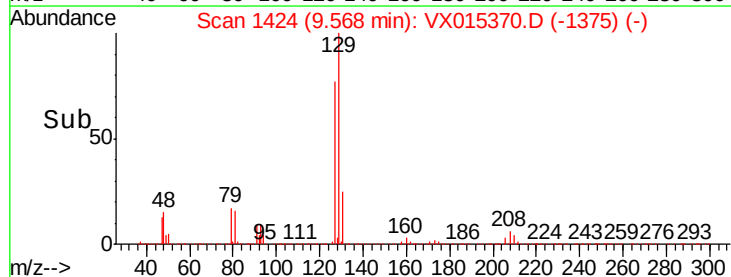
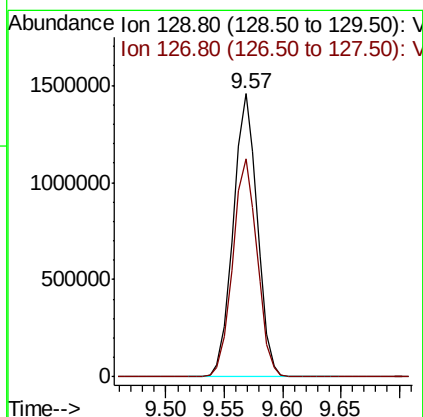
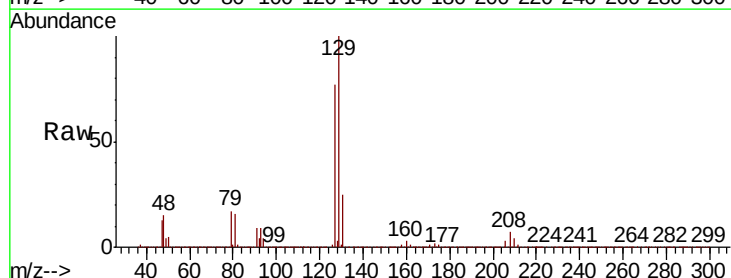
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

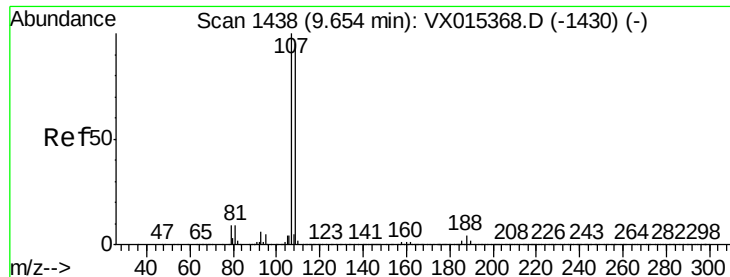
Tot Ion: 43 Resp:10442545
Ion Ratio Lower Upper
43 100
58 53.9 25.6 76.6



#60
Dibromochloromethane
Concen: 164.090 ug/l
RT: 9.57 min Scan# 1424
Delta R.T. -0.00 min
Lab File: VX015370.D
Acq: 26 Mar 2020 21:24

Tgt Ion:129 Resp: 2104545
Ion Ratio Lower Upper
129 100
127 77.8 38.2 114.6





#61

1,2-Dibromoethane

Concen: 141.097 ug/l

RT: 9.66 min Scan# 1439

Delta R.T. 0.01 min

Lab File: VX015370.D

Acq: 26 Mar 2020 21:24

Instrument :

MSVOA_X

ClientSampleId :

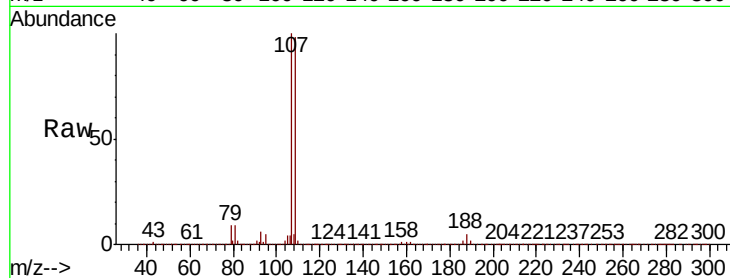
VSTDIC150

Tot Ion:107 Resp: 1842980

Ion Ratio Lower Upper

107 100

109 96.1 74.8 112.2



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.66

1500000

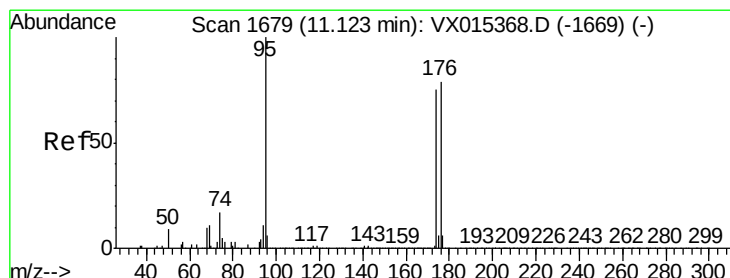
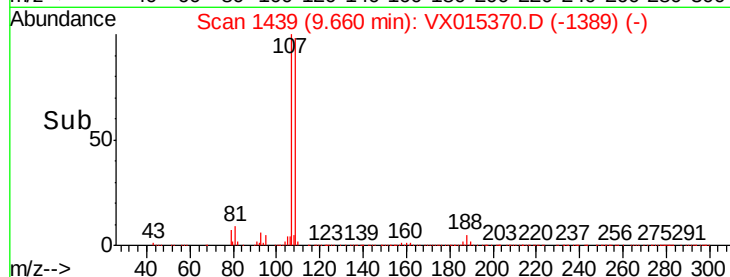
1000000

500000

0

Time-->

9.55 9.60 9.65 9.70 9.75



#62

4-Bromofluorobenzene

Concen: 157.613 ug/l

RT: 11.12 min Scan# 1679

Delta R.T. -0.00 min

Lab File: VX015370.D

Acq: 26 Mar 2020 21:24

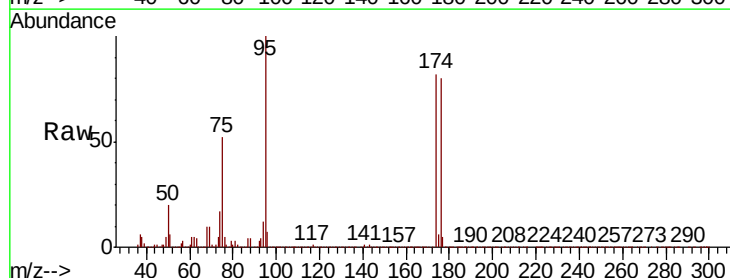
Tgt Ion: 95 Resp: 2465837

Ion Ratio Lower Upper

95 100

174 83.7 0.0 158.6

176 80.0 0.0 159.0



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

2500000

2000000

1500000

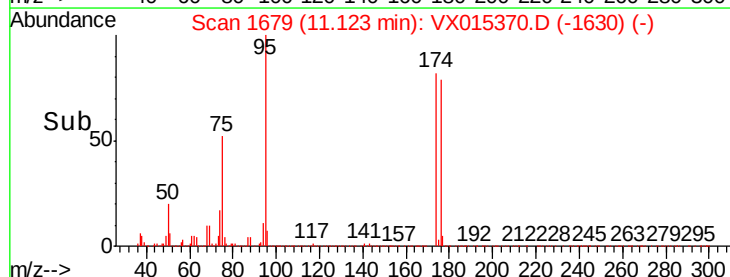
1000000

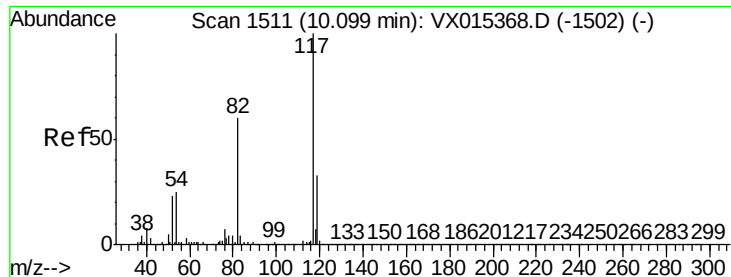
500000

0

Time-->

11.10 11.12 11.20

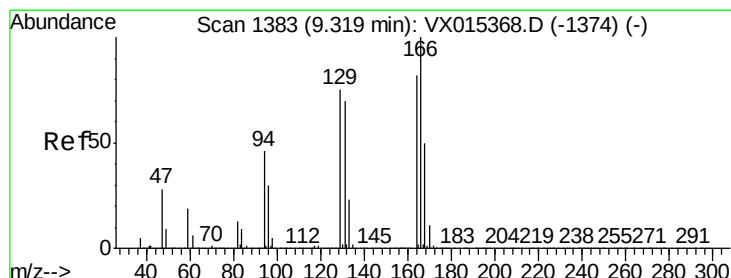
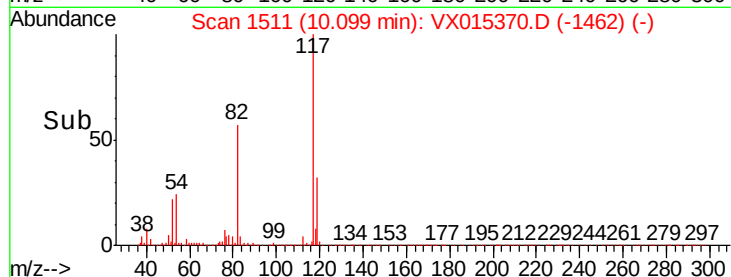
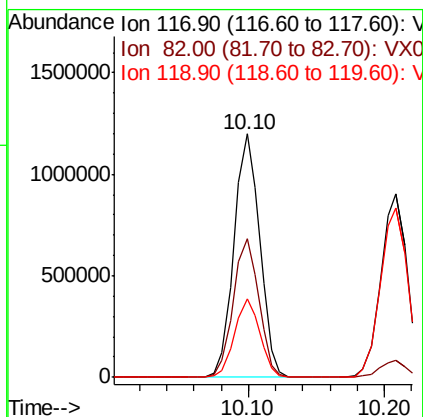
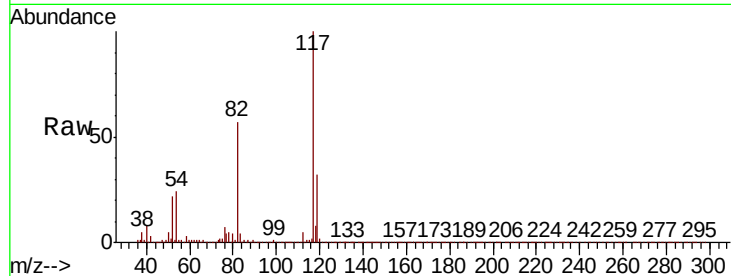




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1511
Delta R.T. -0.00 min
Lab File: VX015370.D
Acq: 26 Mar 2020 21:24

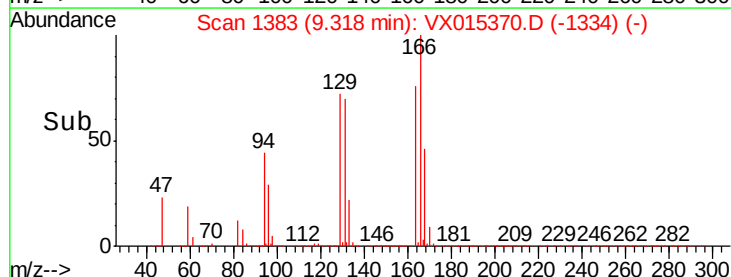
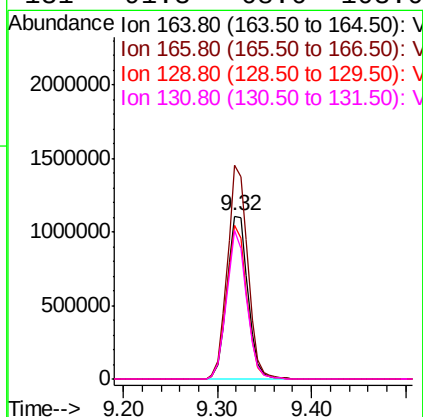
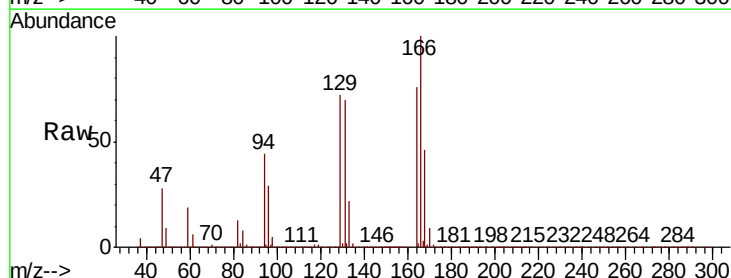
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

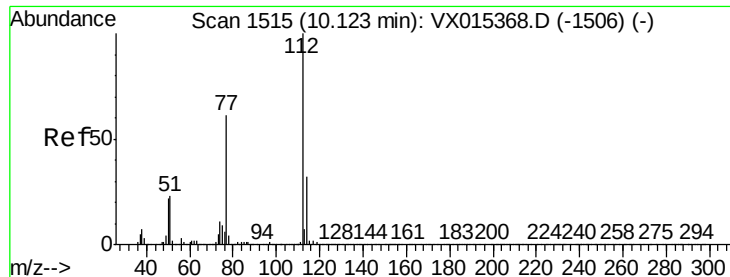
Tot Ion:117 Resp: 1577389
Ion Ratio Lower Upper
117 100
82 56.7 47.8 71.8
119 32.4 26.8 40.2



#64
Tetrachloroethene
Concen: 149.988 ug/l
RT: 9.32 min Scan# 1383
Delta R.T. -0.00 min
Lab File: VX015370.D
Acq: 26 Mar 2020 21:24

Tgt Ion:164 Resp: 1702116
Ion Ratio Lower Upper
164 100
166 131.0 97.8 146.6
129 94.3 73.0 109.4
131 91.3 68.6 103.0

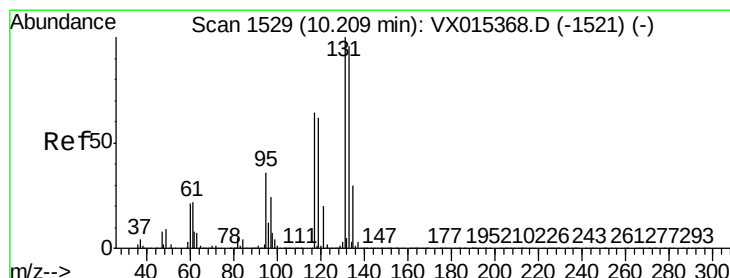
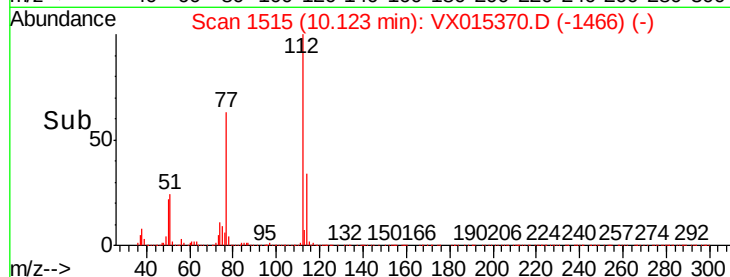
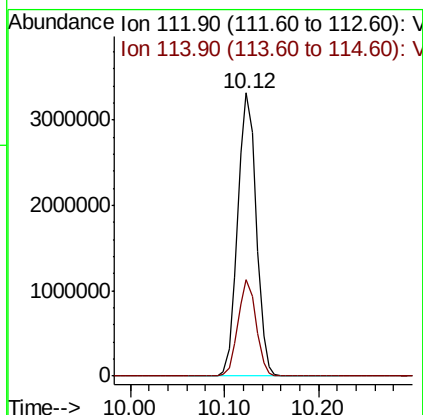
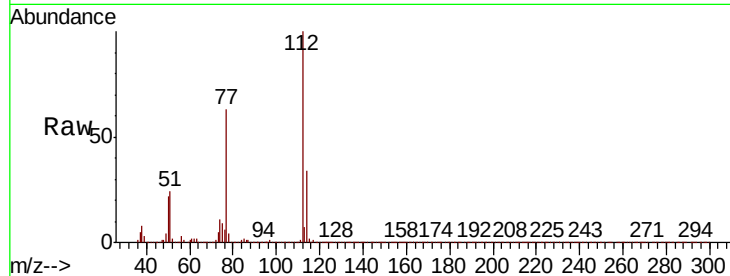




#65
Chlorobenzene
Concen: 138.328 ug/l
RT: 10.12 min Scan# 1515
Delta R.T. -0.00 min
Lab File: VX015370.D
Acq: 26 Mar 2020 21:24

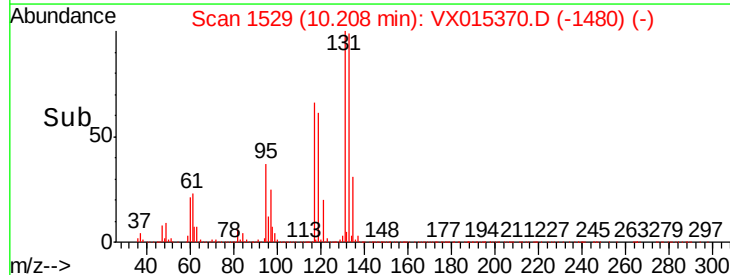
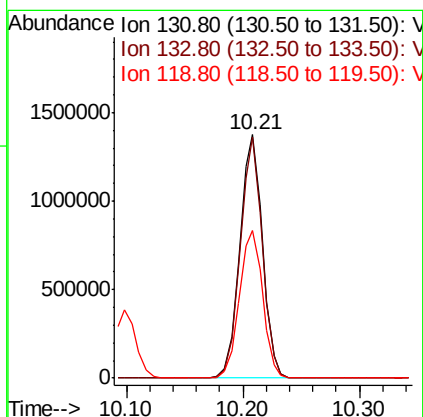
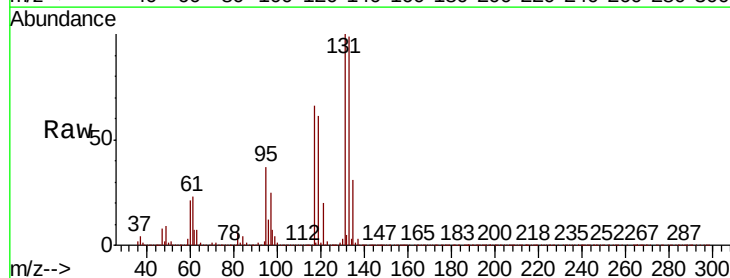
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

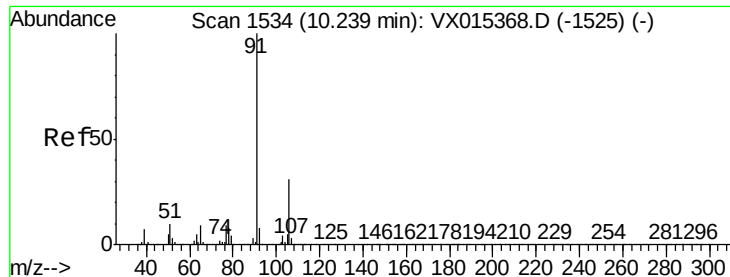
Tot Ion:112 Resp: 4544500
Ion Ratio Lower Upper
112 100
114 34.2 25.5 38.3



#66
1,1,1,2-Tetrachloroethane
Concen: 152.308 ug/l
RT: 10.21 min Scan# 1529
Delta R.T. -0.00 min
Lab File: VX015370.D
Acq: 26 Mar 2020 21:24

Tgt Ion:131 Resp: 1852001
Ion Ratio Lower Upper
131 100
133 96.8 47.6 142.9
119 62.6 31.1 93.3

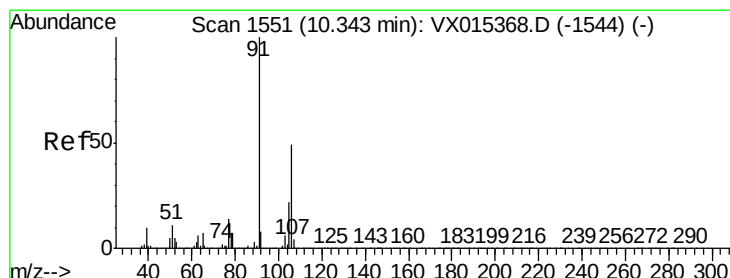
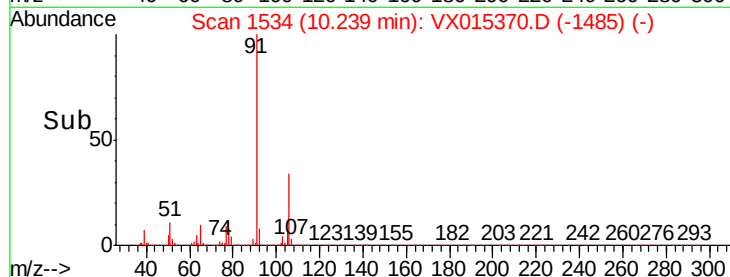
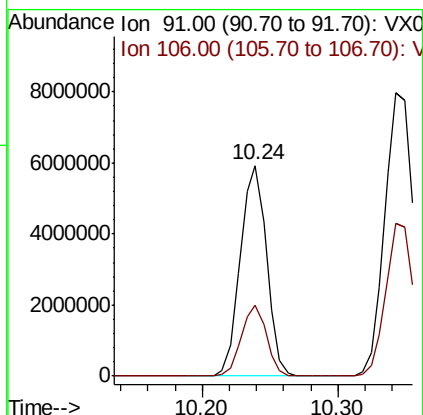
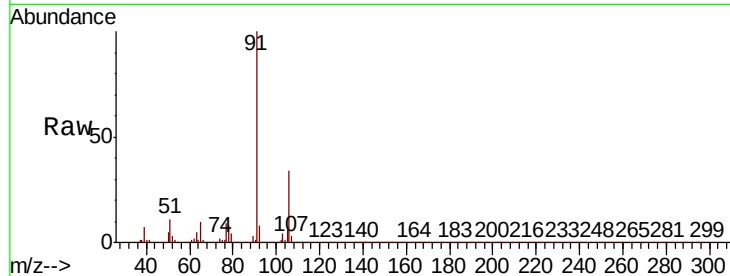




#67
Ethyl Benzene
Concen: 142.857 ug/l
RT: 10.24 min Scan# 1534
Delta R.T. -0.00 min
Lab File: VX015370.D
Acq: 26 Mar 2020 21:24

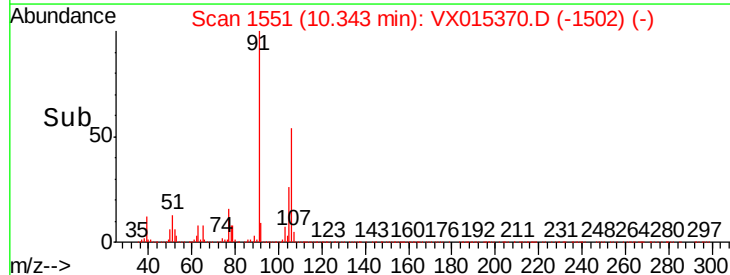
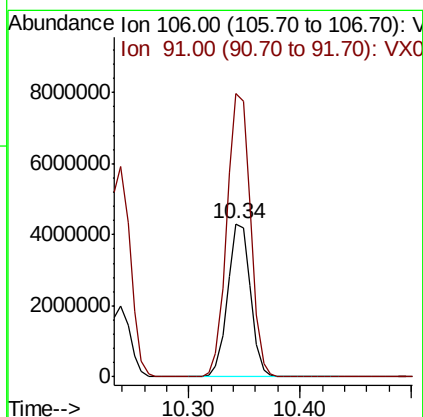
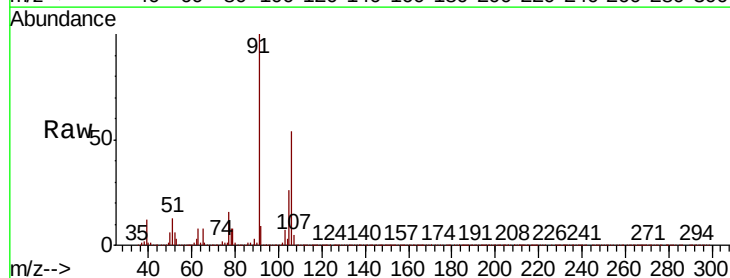
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

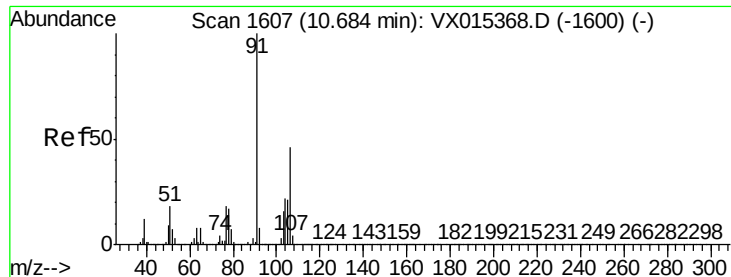
Tot Ion: 91 Resp: 7982480
Ion Ratio Lower Upper
91 100
106 33.5 24.8 37.2



#68
m/p-Xylenes
Concen: 286.476 ug/l
RT: 10.34 min Scan# 1551
Delta R.T. -0.00 min
Lab File: VX015370.D
Acq: 26 Mar 2020 21:24

Tgt Ion: 106 Resp: 6062487
Ion Ratio Lower Upper
106 100
91 192.2 163.4 245.0

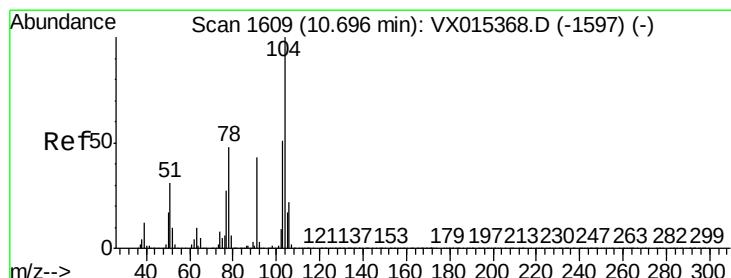
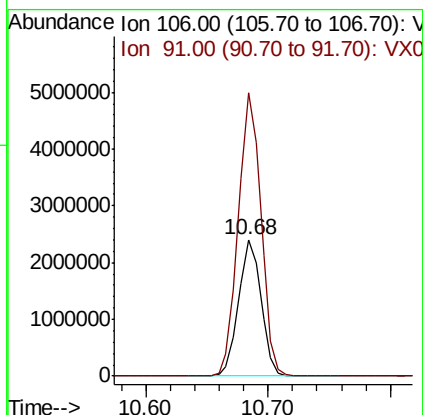
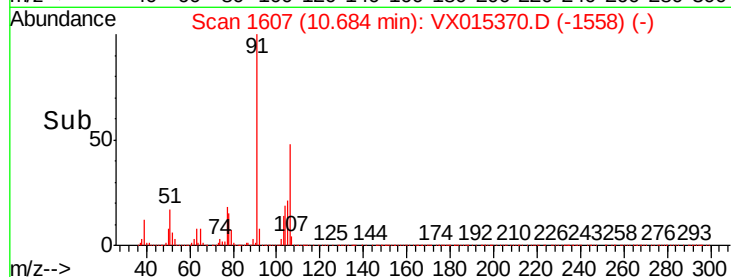
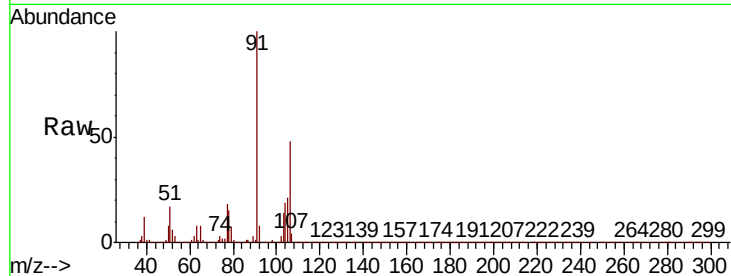




#69
o-Xylene
Concen: 148.177 ug/l
RT: 10.68 min Scan# 1607
Delta R.T. -0.00 min
Lab File: VX015370.D
Acq: 26 Mar 2020 21:24

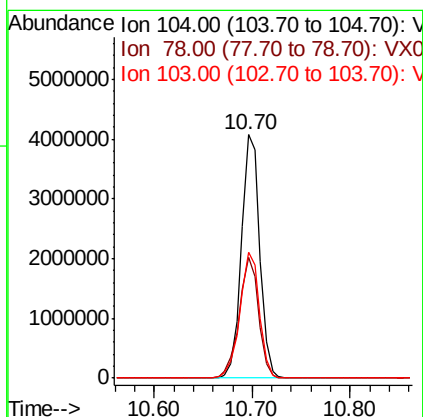
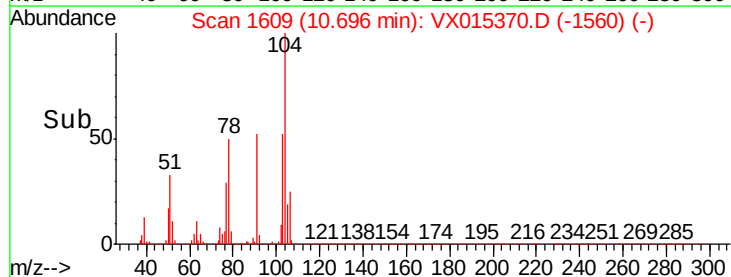
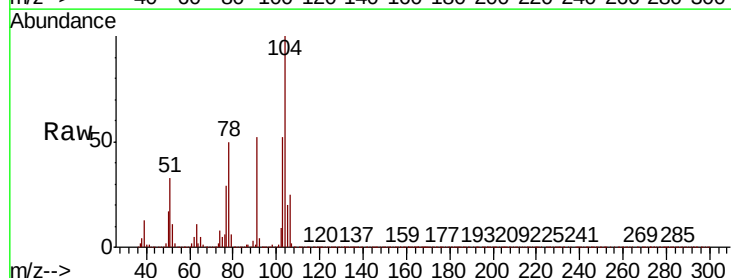
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

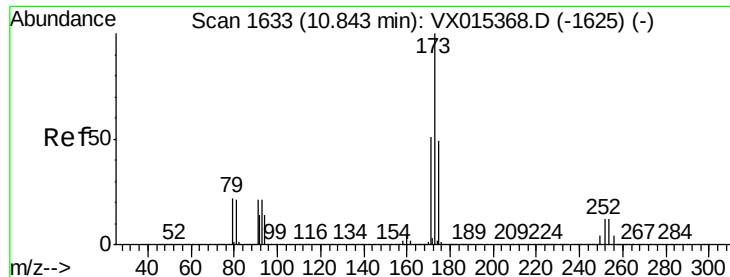
Tot Ion:106 Resp: 3048203
Ion Ratio Lower Upper
106 100
91 209.3 107.1 321.3



#70
Styrene
Concen: 153.393 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. -0.00 min
Lab File: VX015370.D
Acq: 26 Mar 2020 21:24

Tgt Ion:104 Resp: 5273024
Ion Ratio Lower Upper
104 100
78 52.9 42.0 63.0
103 55.0 43.4 65.0

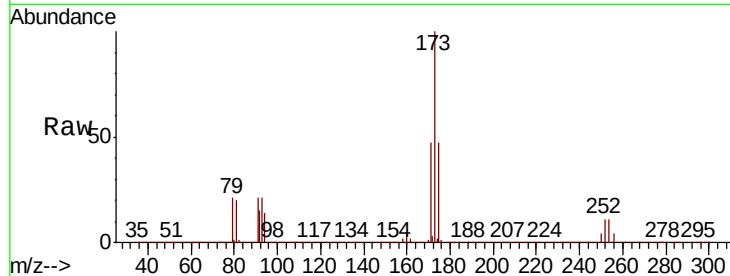




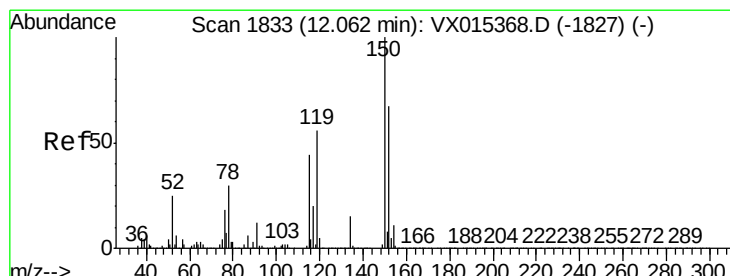
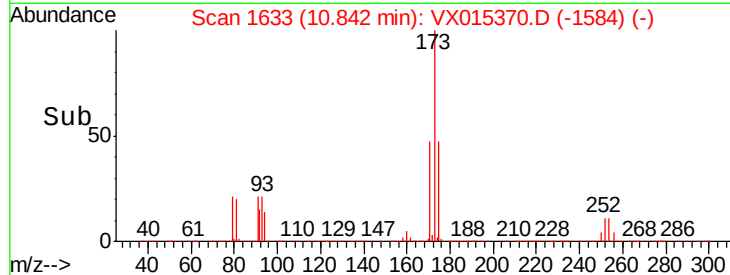
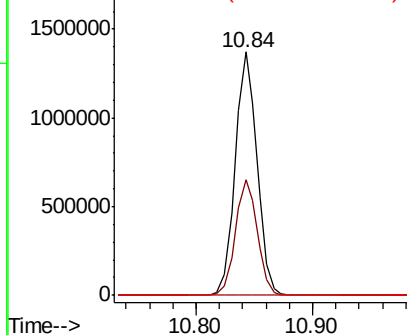
#71
Bromoform
Concen: 211.966 ug/l
RT: 10.84 min Scan# 1633
Delta R.T. -0.00 min
Lab File: VX015370.D
Acq: 26 Mar 2020 21:24

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion:173 Resp: 1782100
Ion Ratio Lower Upper
173 100
175 47.9 23.9 71.7
254 0.2 0.1 0.1#

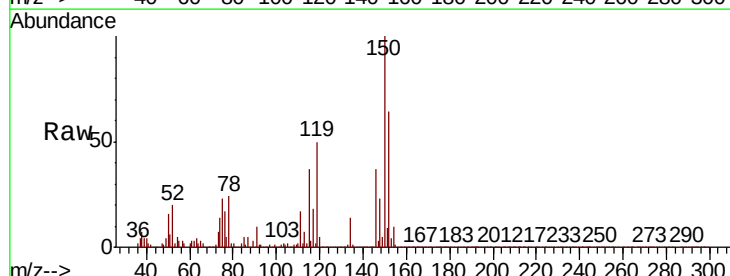


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

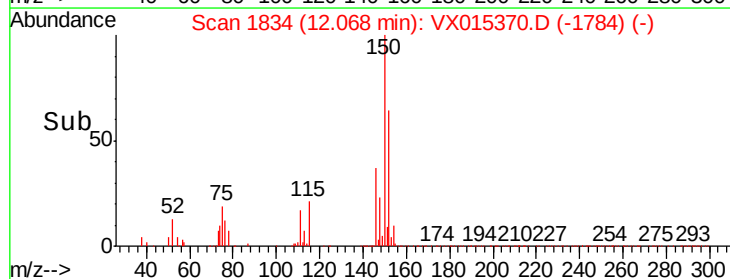
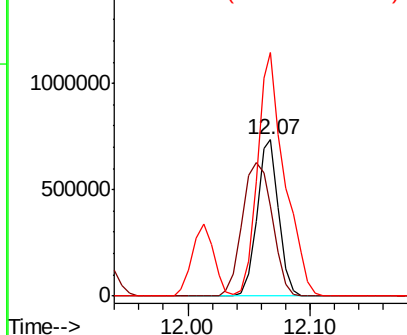


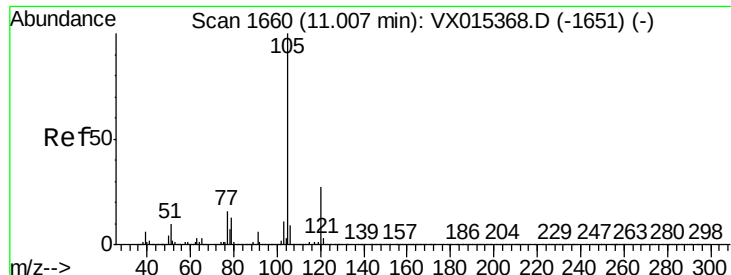
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1834
Delta R.T. 0.01 min
Lab File: VX015370.D
Acq: 26 Mar 2020 21:24

Tgt Ion:152 Resp: 901805
Ion Ratio Lower Upper
152 100
115 118.8 39.0 116.9#
150 196.6 0.0 340.8



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





#73

Isopropylbenzene

Concen: 118.920 ug/l

RT: 11.01 min Scan# 1660

Delta R.T. -0.00 min

Lab File: VX015370.D

Acq: 26 Mar 2020 21:24

Instrument :

MSVOA_X

ClientSampleId :

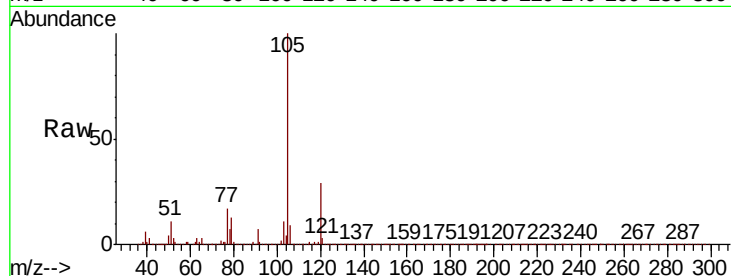
VSTDIC150

Tot Ion:105 Resp: 7816103

Ion Ratio Lower Upper

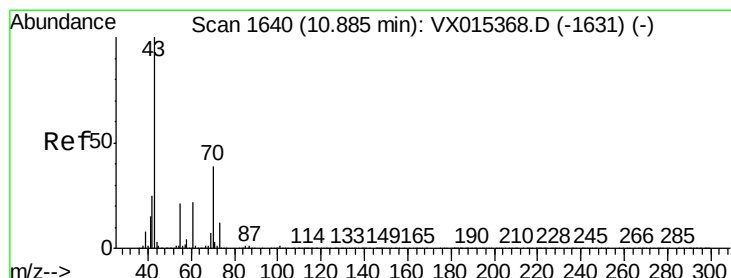
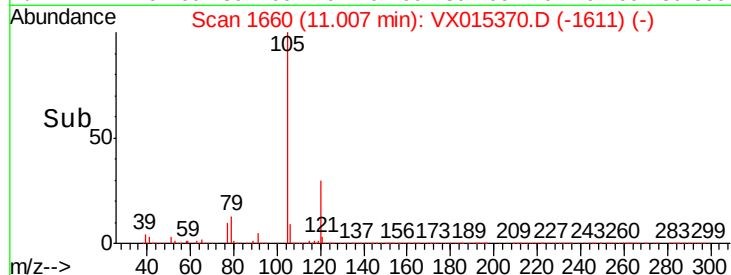
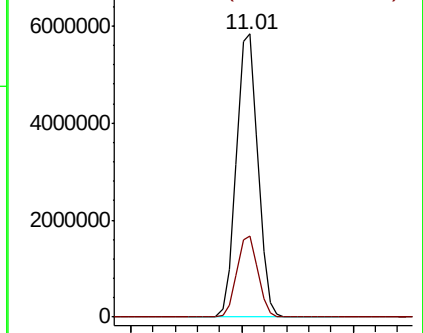
105 100

120 28.0 13.2 39.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 183.222 ug/l

RT: 10.89 min Scan# 1640

Delta R.T. -0.00 min

Lab File: VX015370.D

Acq: 26 Mar 2020 21:24

Tgt Ion: 43 Resp: 4567253

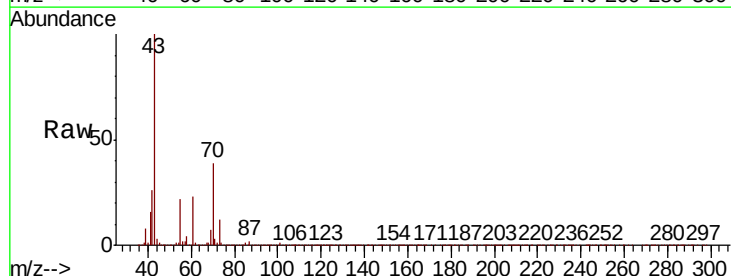
Ion Ratio Lower Upper

43 100

70 38.6 30.2 45.4

55 22.0 16.8 25.2

61 23.1 18.2 27.2

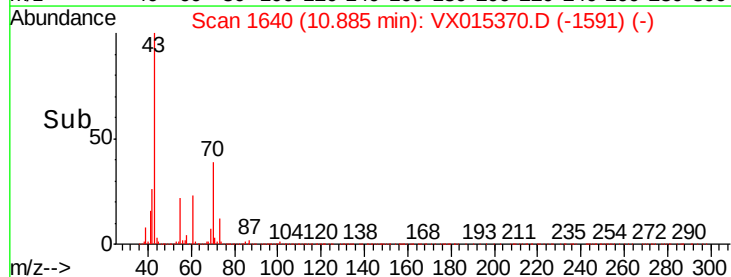
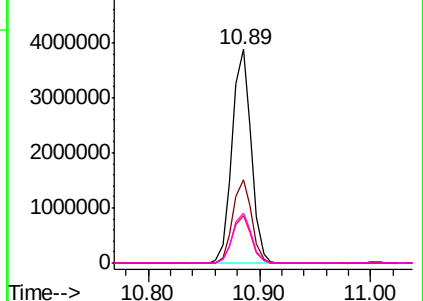


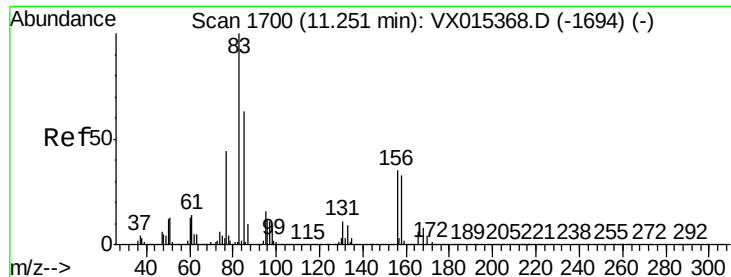
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 132.093 ug/l

RT: 11.26 min Scan# 1701

Delta R.T. 0.01 min

Lab File: VX015370.D

Acq: 26 Mar 2020 21:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

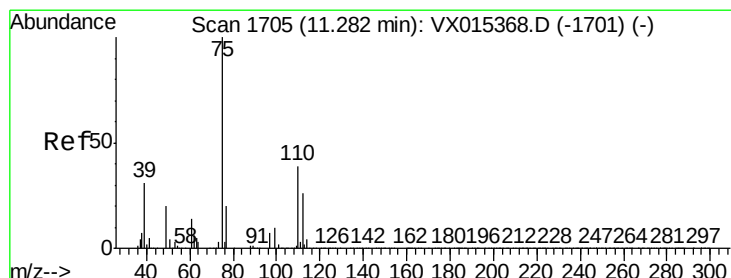
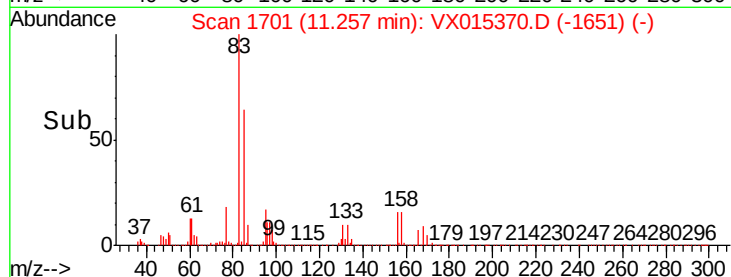
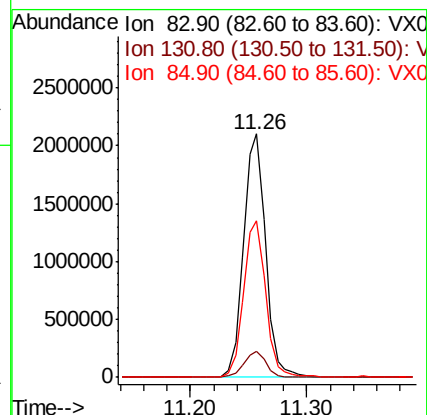
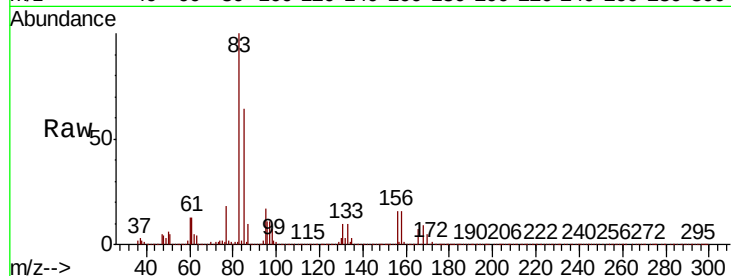
Tot Ion: 83 Resp: 2776622

Ion Ratio Lower Upper

83 100

131 10.4 5.3 16.1

85 64.8 32.0 96.0



#76

1,2,3-Trichloropropane

Concen: 184.144 ug/l

RT: 11.28 min Scan# 1705

Delta R.T. -0.00 min

Lab File: VX015370.D

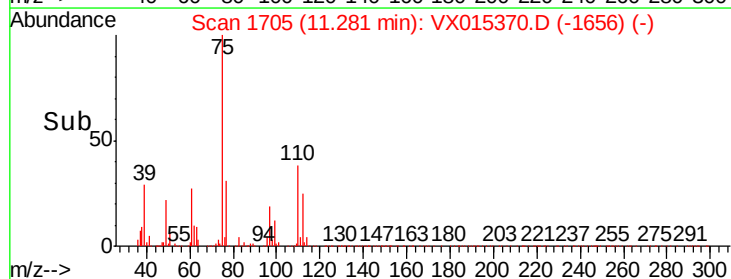
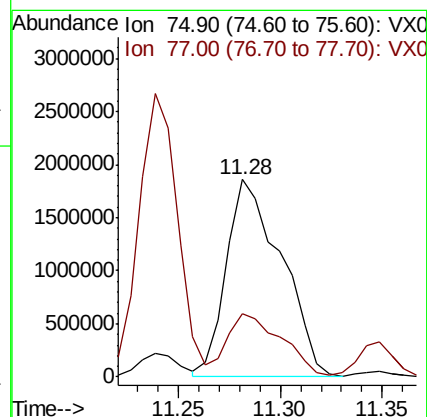
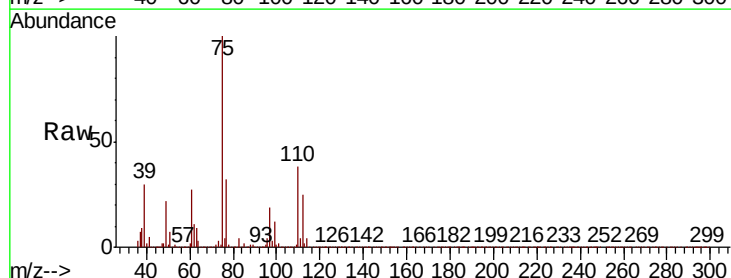
Acq: 26 Mar 2020 21:24

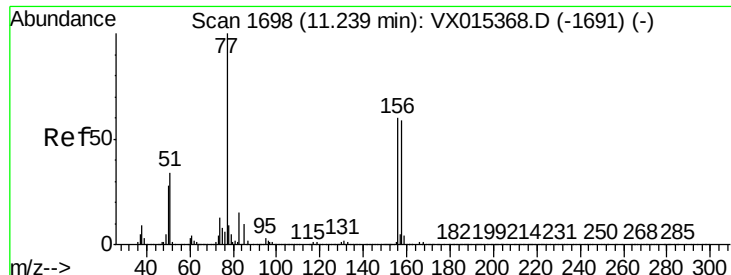
Tgt Ion: 75 Resp: 3495075

Ion Ratio Lower Upper

75 100

77 31.8 21.2 63.6





#77

Bromobenzene

Concen: 137.045 ug/l

RT: 11.24 min Scan# 1699

Delta R.T. 0.01 min

Lab File: VX015370.D

Acq: 26 Mar 2020 21:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

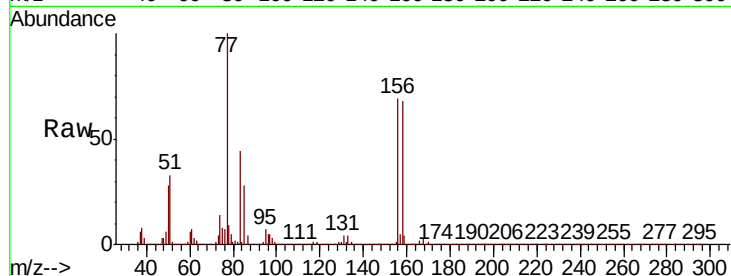
Tot Ion:156 Resp: 2159778

Ion Ratio Lower Upper

156 100

77 162.2 82.2 246.5

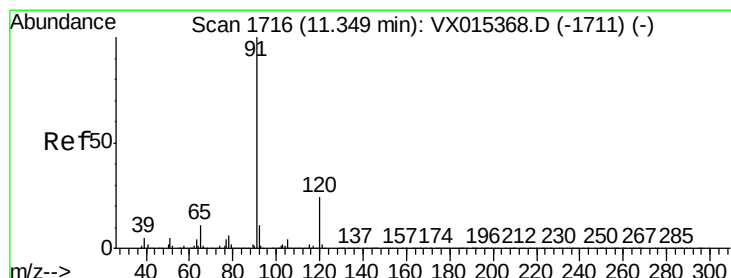
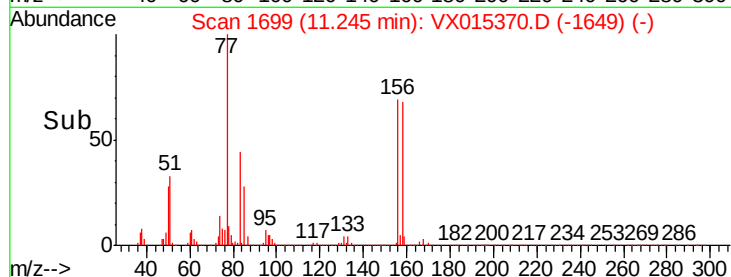
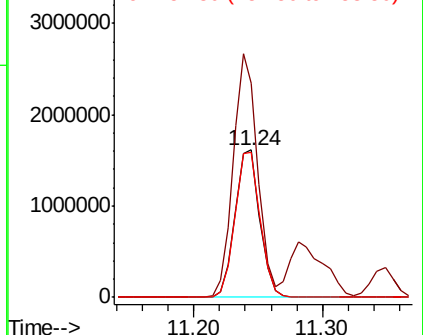
158 99.8 49.3 147.9



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 122.938 ug/l

RT: 11.35 min Scan# 1716

Delta R.T. -0.00 min

Lab File: VX015370.D

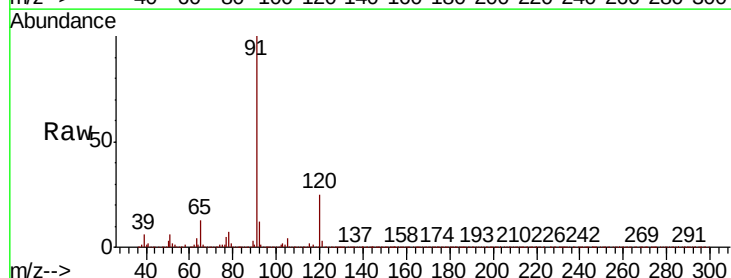
Acq: 26 Mar 2020 21:24

Tgt Ion: 91 Resp: 9076475

Ion Ratio Lower Upper

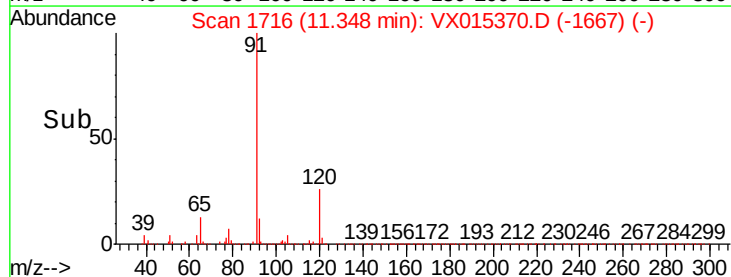
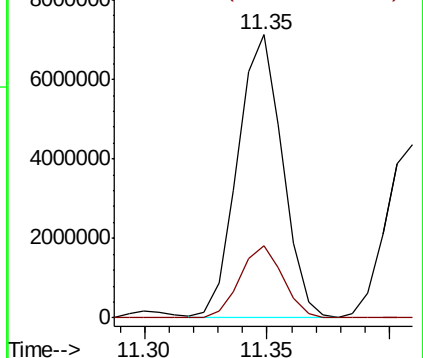
91 100

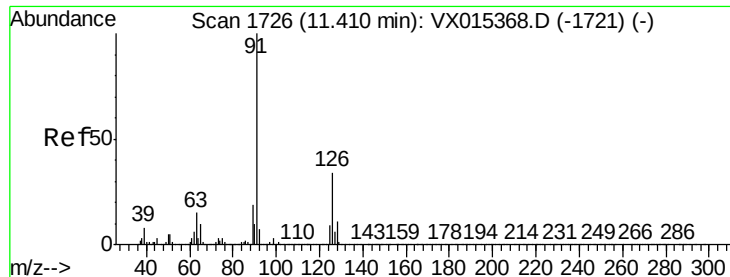
120 24.5 11.7 35.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 125.810 ug/l

RT: 11.41 min Scan# 1726

Delta R.T. -0.00 min

Lab File: VX015370.D

Acq: 26 Mar 2020 21:24

Instrument :

MSVOA_X

ClientSampleId :

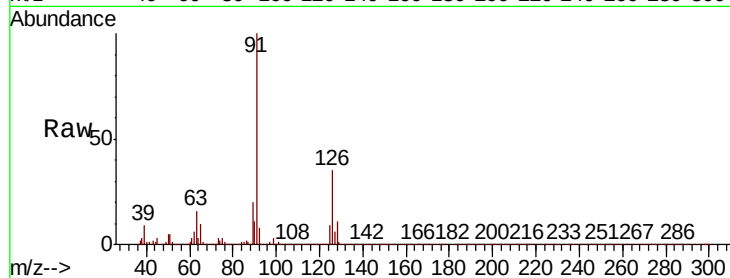
VSTDIC150

Tot Ion: 91 Resp: 5654937

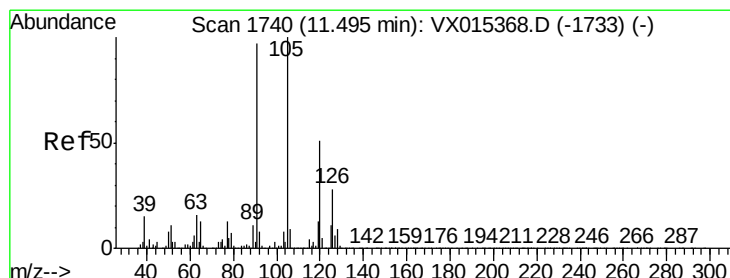
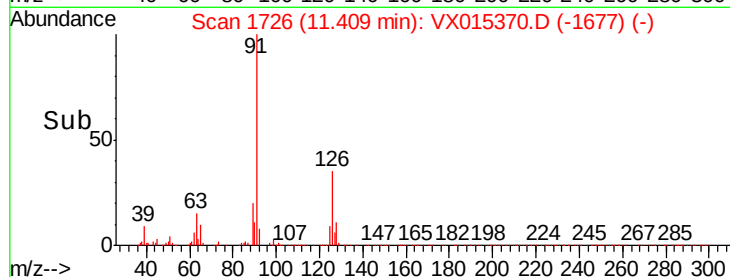
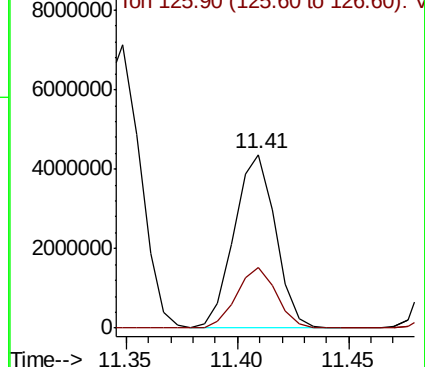
Ion Ratio Lower Upper

91 100

126 33.8 16.5 49.5



Abundance Ion 91.00 (90.70 to 91.70): VX015370.D (-1677) (-)



#80

1,3,5-Trimethylbenzene

Concen: 128.019 ug/l

RT: 11.49 min Scan# 1740

Delta R.T. -0.00 min

Lab File: VX015370.D

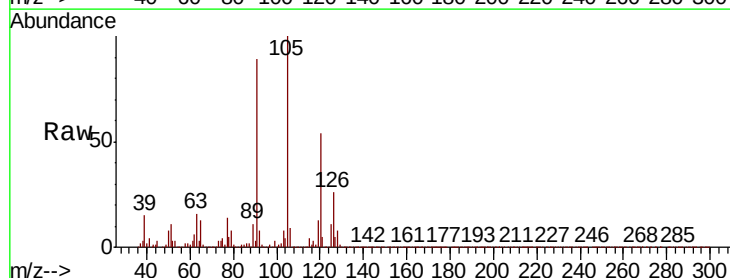
Acq: 26 Mar 2020 21:24

Tgt Ion: 105 Resp: 6797456

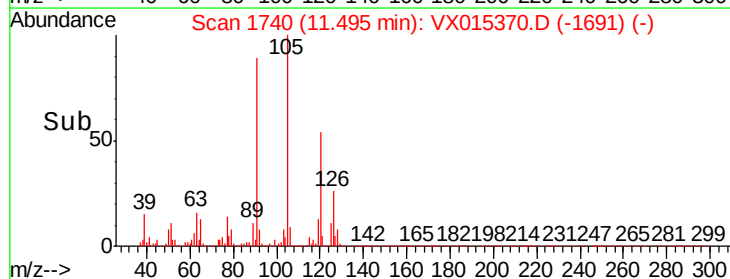
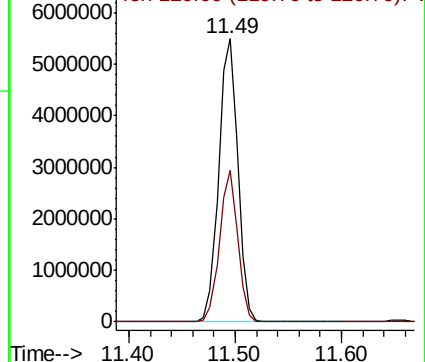
Ion Ratio Lower Upper

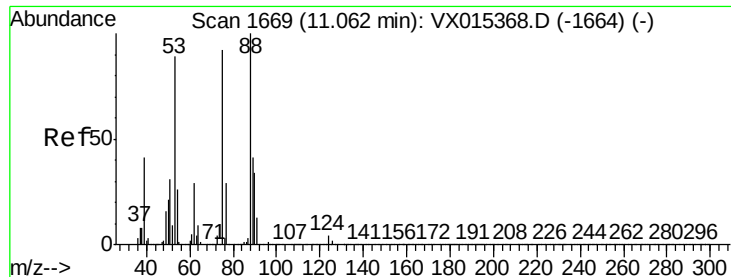
105 100

120 51.0 24.8 74.4



Abundance Ion 105.00 (104.70 to 105.70): VX015370.D (-1691) (-)

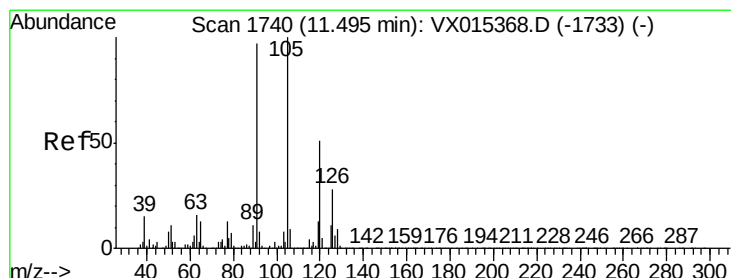
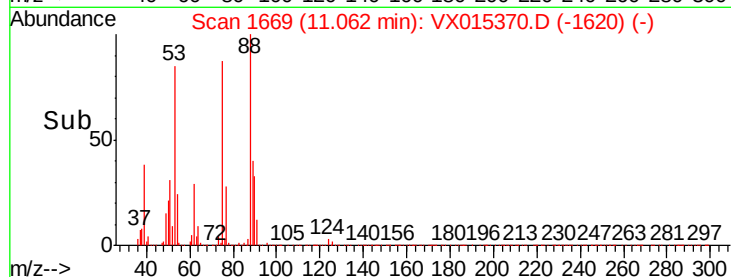
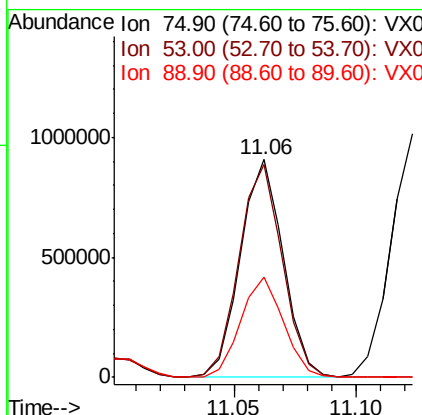
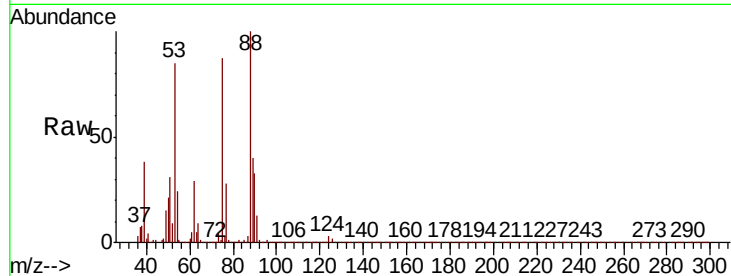




#81
trans-1,4-Dichloro-2-butene
Concen: 154.254 ug/l
RT: 11.06 min Scan# 1669
Delta R.T. -0.00 min
Lab File: VX015370.D
Acq: 26 Mar 2020 21:24

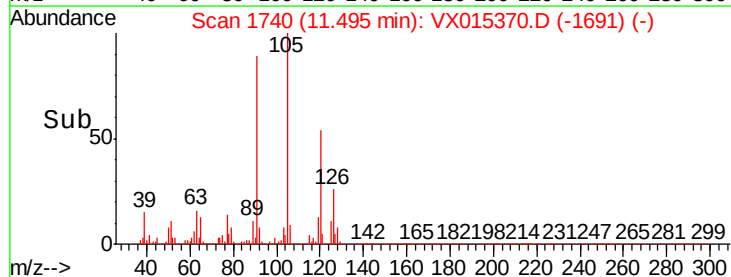
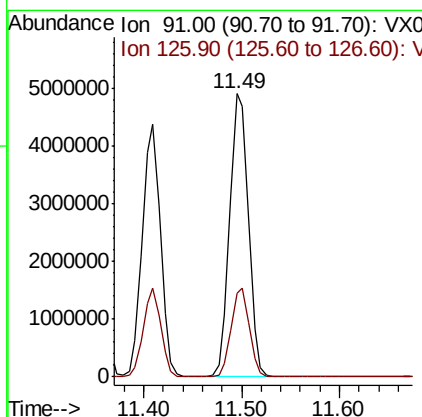
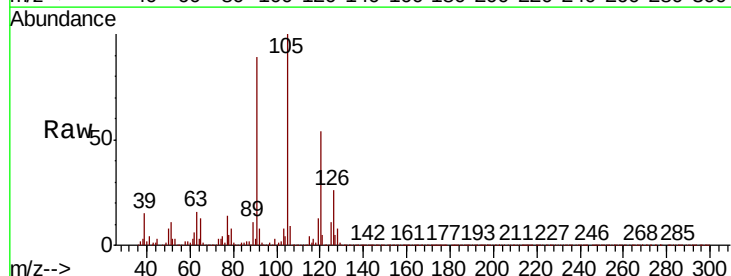
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

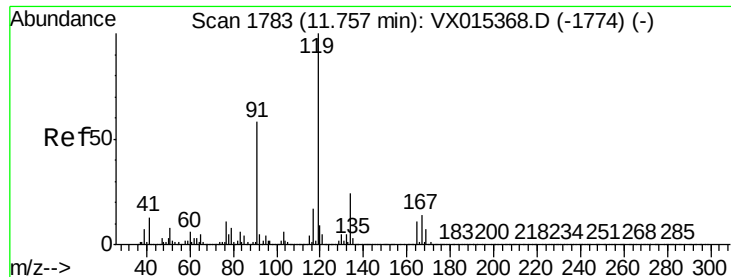
Tot Ion: 75 Resp: 1095866
Ion Ratio Lower Upper
75 100
53 99.1 80.1 120.1
89 46.2 36.1 54.1



#82
4-Chlorotoluene
Concen: 127.815 ug/l
RT: 11.49 min Scan# 1740
Delta R.T. -0.00 min
Lab File: VX015370.D
Acq: 26 Mar 2020 21:24

Tgt Ion: 91 Resp: 6522616
Ion Ratio Lower Upper
91 100
126 30.2 14.7 44.1





#83

tert-Butylbenzene

Concen: 131.080 ug/l

RT: 11.76 min Scan# 1783

Delta R.T. -0.00 min

Lab File: VX015370.D

Acq: 26 Mar 2020 21:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

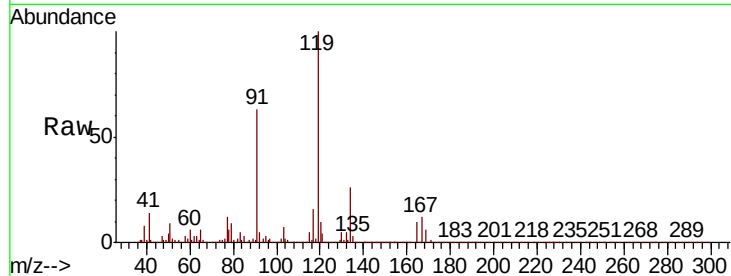
Tot Ion:119 Resp: 6832826

Ion Ratio Lower Upper

119 100

91 59.4 28.6 85.8

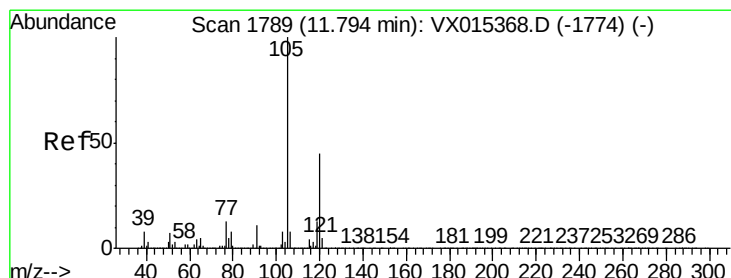
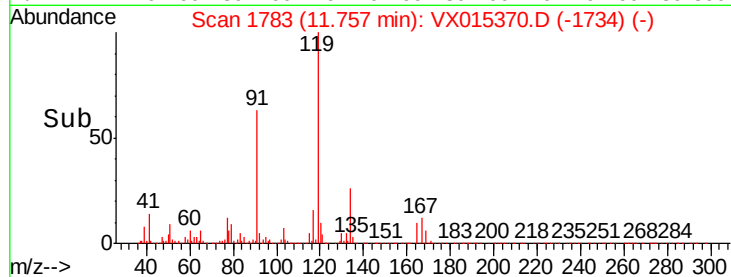
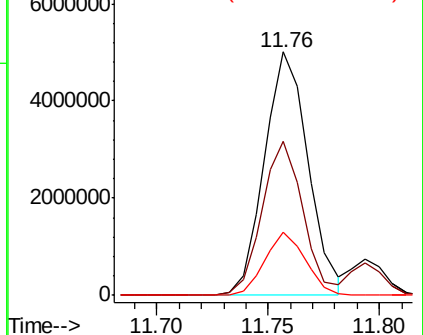
134 24.0 11.8 35.3



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VX0

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 127.191 ug/l

RT: 11.79 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VX015370.D

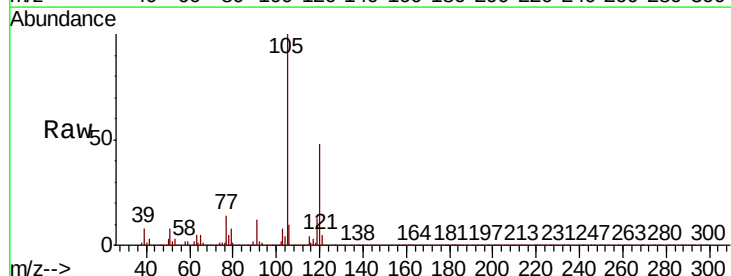
Acq: 26 Mar 2020 21:24

Tgt Ion:105 Resp: 6980412

Ion Ratio Lower Upper

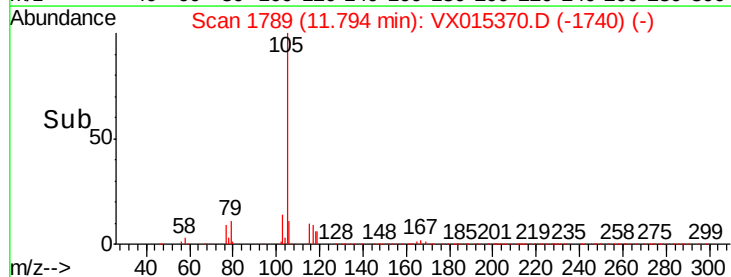
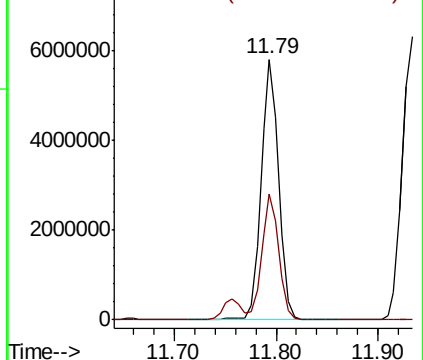
105 100

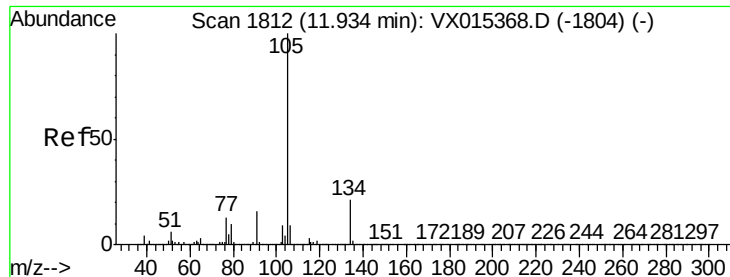
120 46.9 22.7 68.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 127.202 ug/l

RT: 11.93 min Scan# 1812

Delta R.T. -0.00 min

Lab File: VX015370.D

Acq: 26 Mar 2020 21:24

Instrument :

MSVOA_X

ClientSampleId :

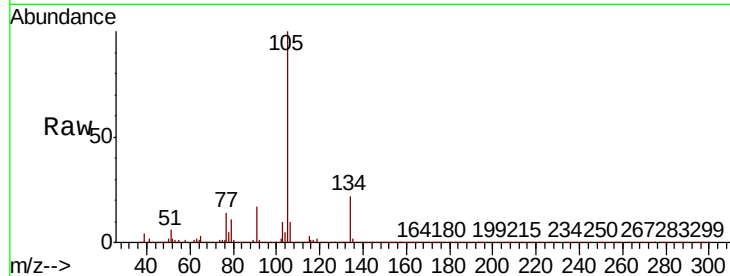
VSTDIC150

Tot Ion:105 Resp: 7854391

Ion Ratio Lower Upper

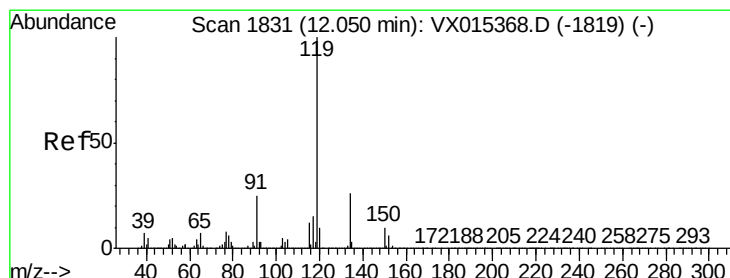
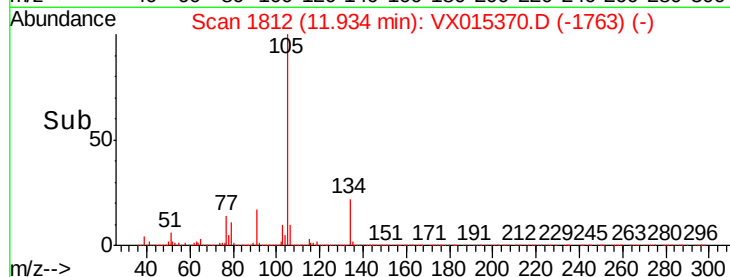
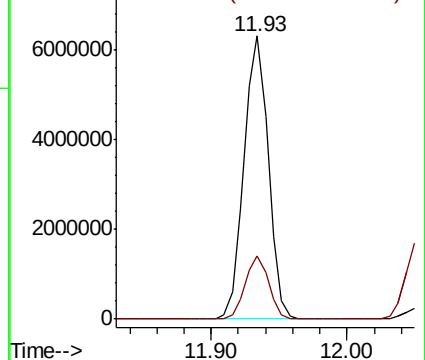
105 100

134 21.7 10.4 31.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 131.586 ug/l

RT: 12.05 min Scan# 1831

Delta R.T. -0.00 min

Lab File: VX015370.D

Acq: 26 Mar 2020 21:24

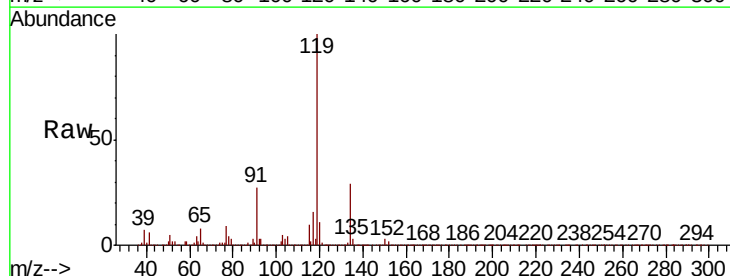
Tgt Ion:119 Resp: 7296840

Ion Ratio Lower Upper

119 100

134 27.7 13.1 39.3

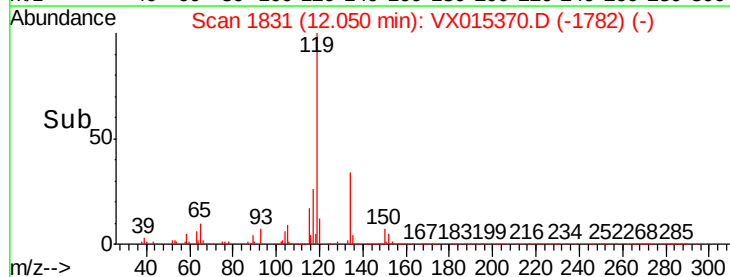
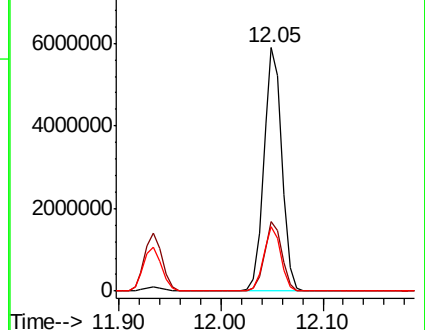
91 25.4 12.4 37.4

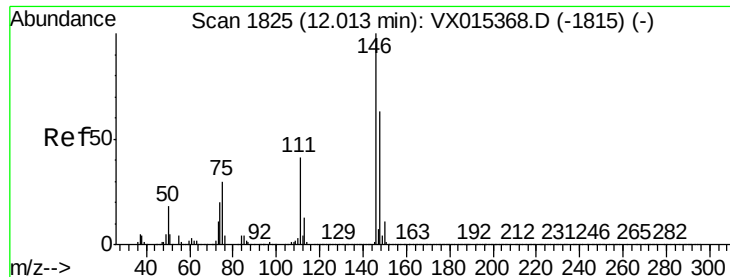


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0





#87

1,3-Dichlorobenzene

Concen: 134.299 ug/l

RT: 12.01 min Scan# 1825

Delta R.T. -0.00 min

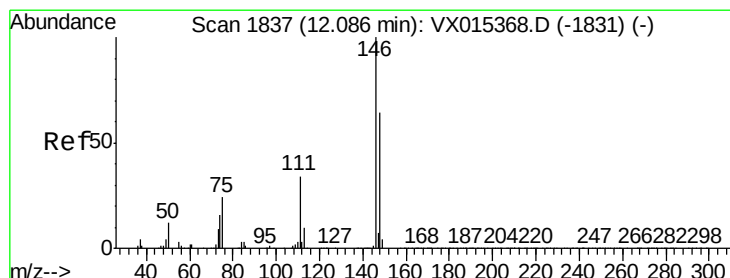
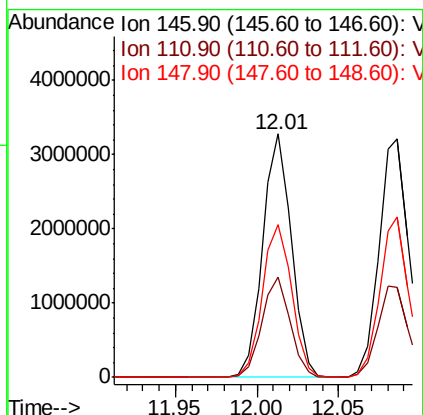
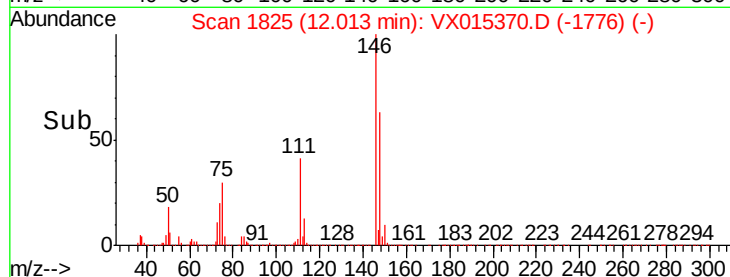
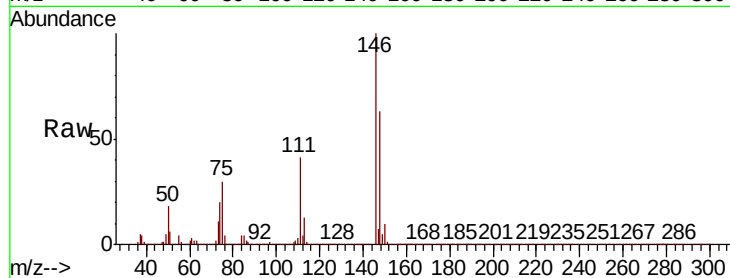
Lab File: VX015370.D

Acq: 26 Mar 2020 21:24

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion:146 Resp: 3967162

Ion	Ratio	Lower	Upper
146	100		
111	40.6	20.3	60.9
148	64.3	31.3	93.9



#88

1,4-Dichlorobenzene

Concen: 130.539 ug/l

RT: 12.09 min Scan# 1837

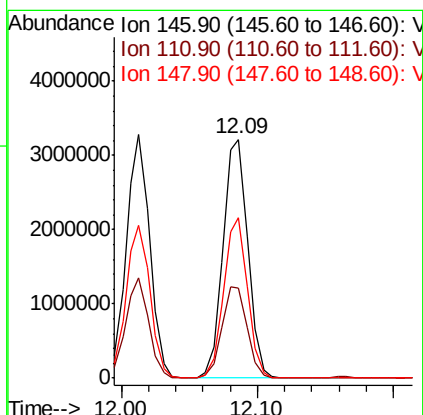
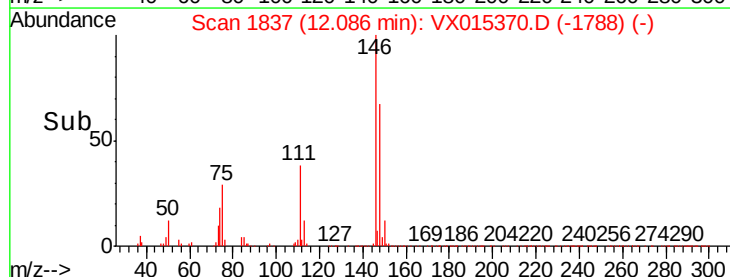
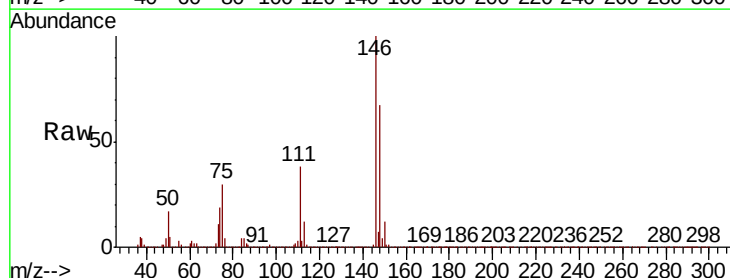
Delta R.T. -0.00 min

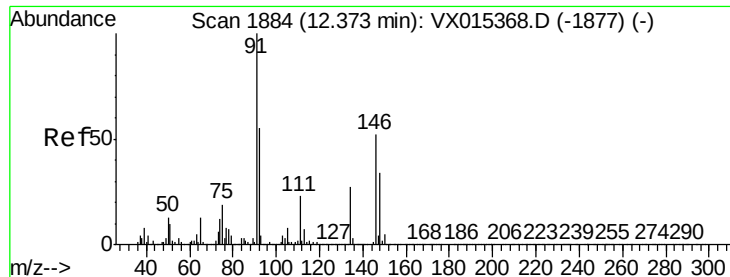
Lab File: VX015370.D

Acq: 26 Mar 2020 21:24

Tgt Ion:146 Resp: 4041397

Ion	Ratio	Lower	Upper
146	100		
111	38.9	19.1	57.5
148	64.8	32.4	97.2





#89

n-Butylbenzene

Concen: 129.478 ug/l

RT: 12.37 min Scan# 1884

Delta R.T. -0.00 min

Lab File: VX015370.D

Acq: 26 Mar 2020 21:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

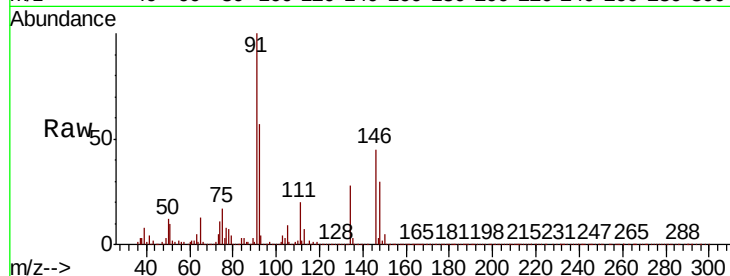
Tot Ion: 91 Resp: 6754530

Ion Ratio Lower Upper

91 100

92 56.2 27.2 81.5

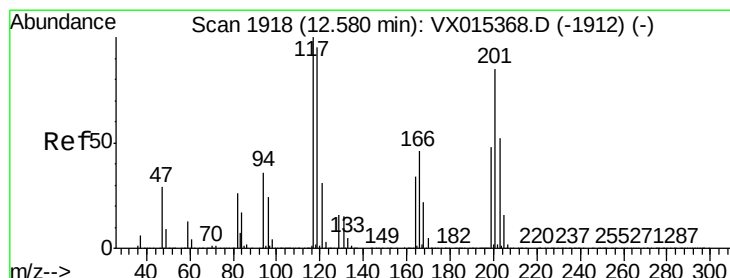
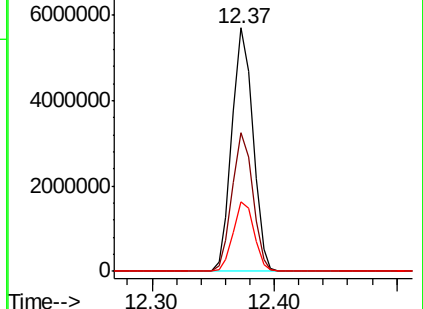
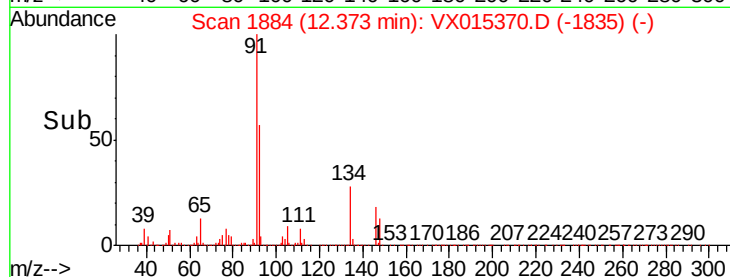
134 28.1 13.4 40.2



Abundance Ion 91.00 (90.70 to 91.70): VX015370.D (-1835) (-)

Ion 92.00 (91.70 to 92.70): VX015370.D (-1835) (-)

Ion 134.00 (133.70 to 134.70): VX015370.D (-1835) (-)



#90

Hexachloroethane

Concen: 140.854 ug/l

RT: 12.58 min Scan# 1918

Delta R.T. -0.00 min

Lab File: VX015370.D

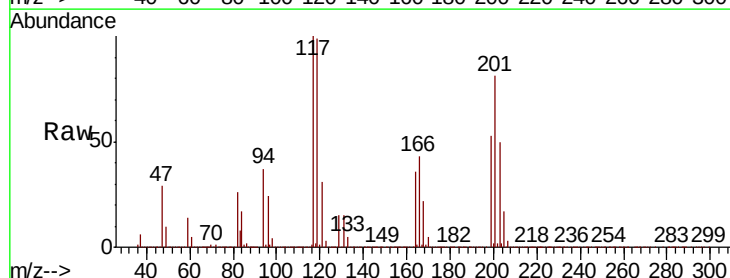
Acq: 26 Mar 2020 21:24

Tgt Ion: 117 Resp: 1534036

Ion Ratio Lower Upper

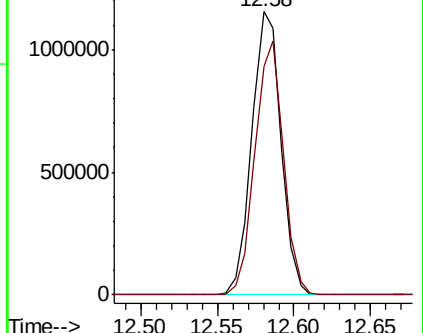
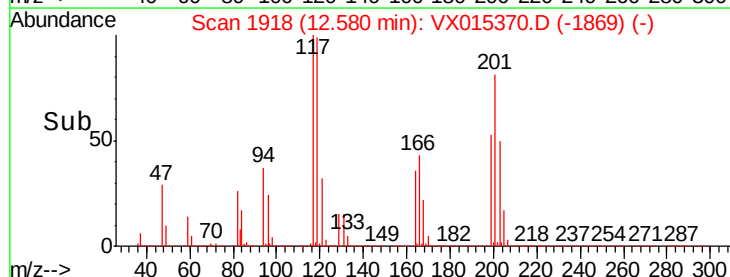
117 100

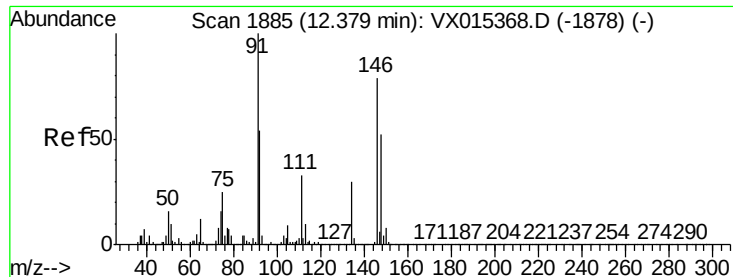
201 87.5 42.6 128.0



Abundance Ion 116.80 (116.50 to 117.50): VX015370.D (-1869) (-)

Ion 200.70 (200.40 to 201.40): VX015370.D (-1869) (-)





#91

1,2-Dichlorobenzene

Concen: 132.193 ug/l

RT: 12.38 min Scan# 1885

Delta R.T. -0.00 min

Lab File: VX015370.D

Acq: 26 Mar 2020 21:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

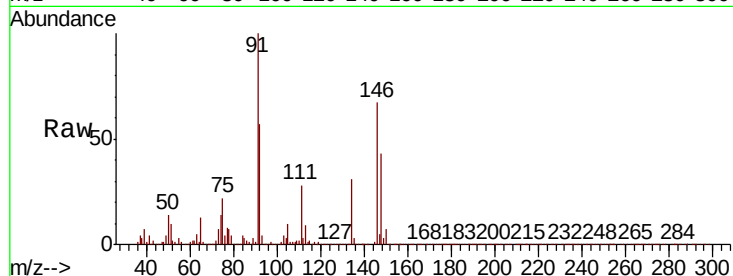
Tot Ion:146 Resp: 3913272

Ion Ratio Lower Upper

146 100

111 41.8 21.0 63.0

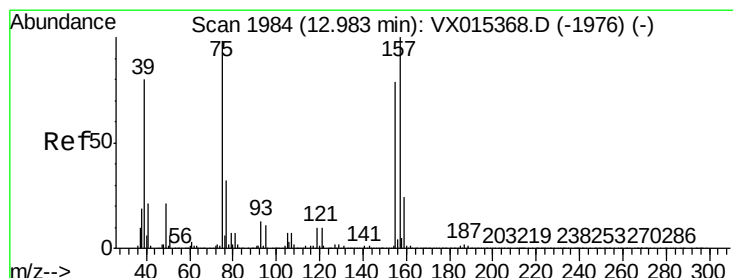
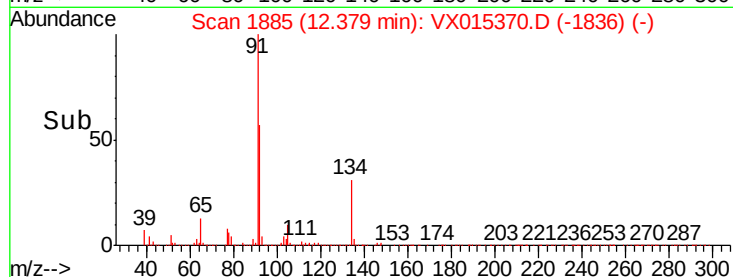
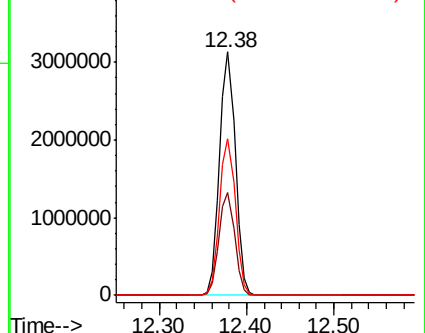
148 64.5 32.4 97.0



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 160.648 ug/l

RT: 12.98 min Scan# 1984

Delta R.T. -0.00 min

Lab File: VX015370.D

Acq: 26 Mar 2020 21:24

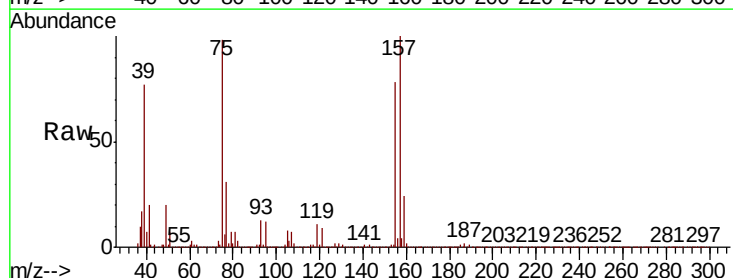
Tgt Ion: 75 Resp: 757398

Ion Ratio Lower Upper

75 100

155 86.7 42.8 128.4

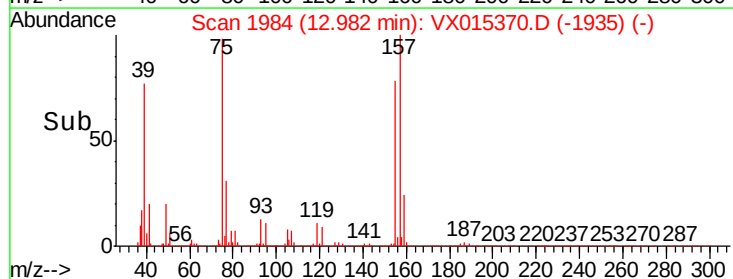
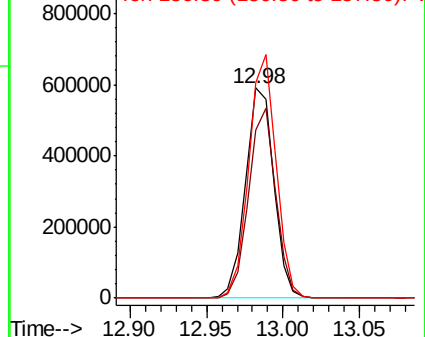
157 111.7 53.4 160.3

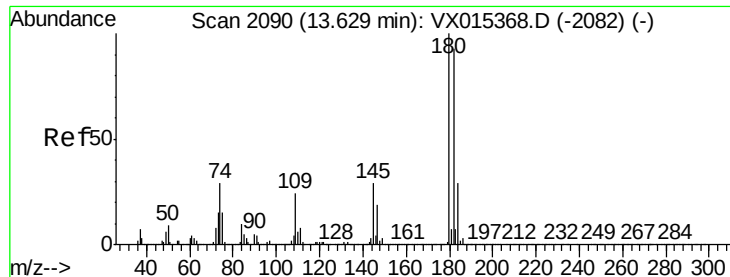


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

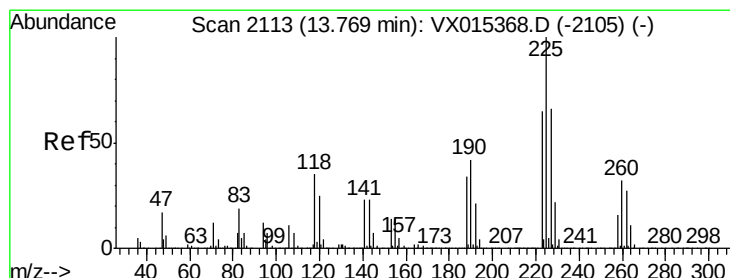
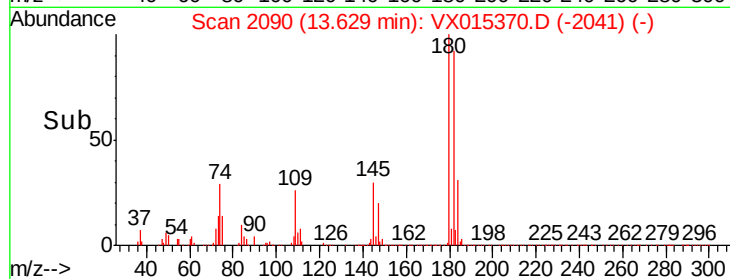
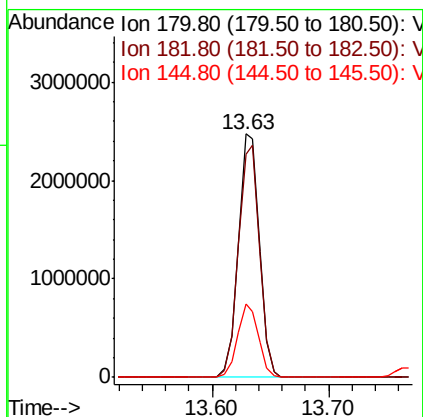
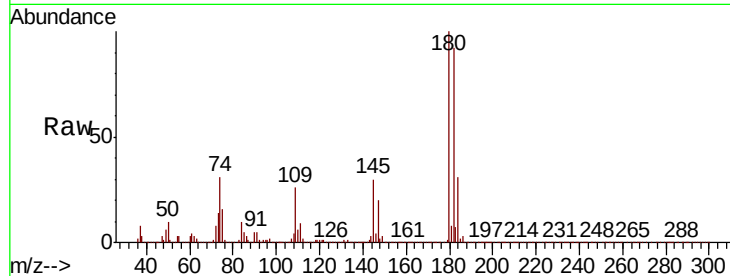




#93
 1,2,4-Trichlorobenzene
 Concen: 167.936 ug/l
 RT: 13.63 min Scan# 2090
 Delta R.T. -0.00 min
 Lab File: VX015370.D
 Acq: 26 Mar 2020 21:24

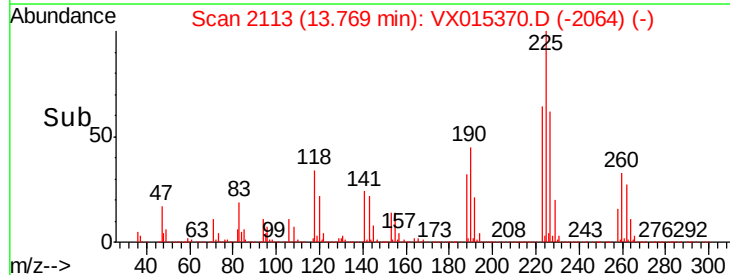
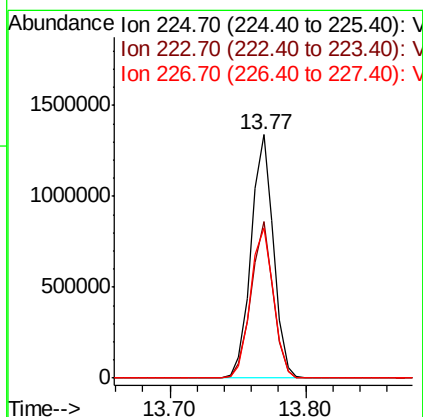
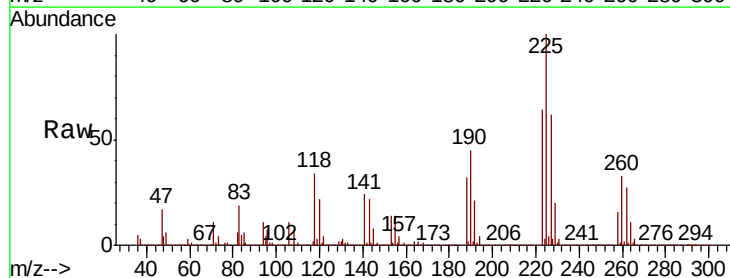
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

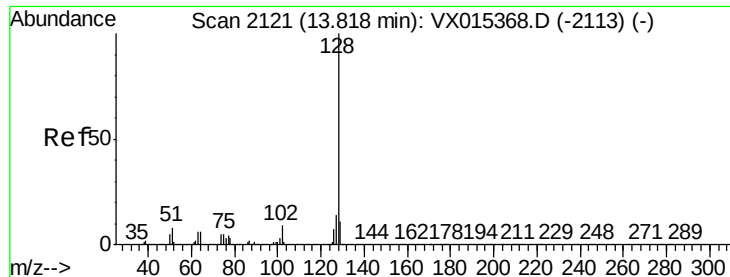
Tot Ion:180 Resp: 3107411
 Ion Ratio Lower Upper
 180 100
 182 96.0 46.9 140.7
 145 29.6 14.9 44.5



#94
 Hexachlorobutadiene
 Concen: 198.359 ug/l
 RT: 13.77 min Scan# 2113
 Delta R.T. -0.00 min
 Lab File: VX015370.D
 Acq: 26 Mar 2020 21:24

Tgt Ion:225 Resp: 1541798
 Ion Ratio Lower Upper
 225 100
 223 63.3 31.9 95.7
 227 63.7 30.4 91.3

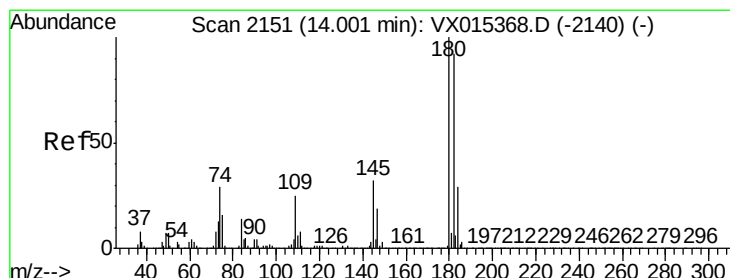
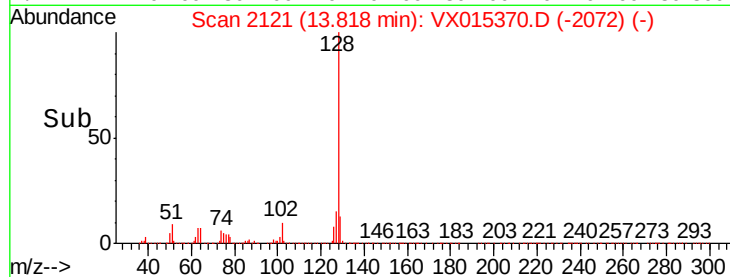
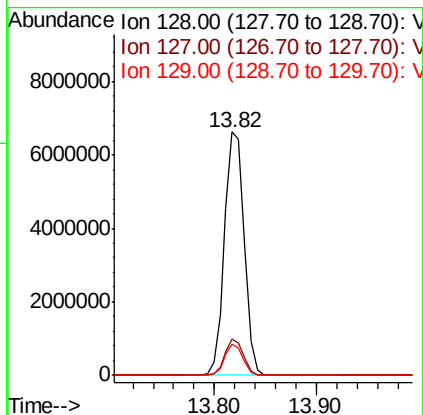
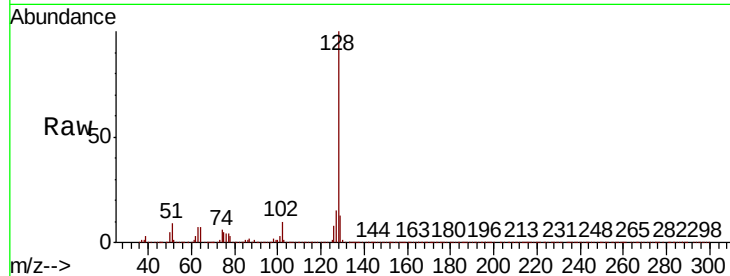




#95
Naphthalene
Concen: 147.412 ug/l
RT: 13.82 min Scan# 2121
Delta R.T. -0.00 min
Lab File: VX015370.D
Acq: 26 Mar 2020 21:24

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion:128 Resp: 8864795
Ion Ratio Lower Upper
128 100
127 13.9 10.6 15.8
129 11.8 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 163.547 ug/l
RT: 14.01 min Scan# 2152
Delta R.T. 0.01 min
Lab File: VX015370.D
Acq: 26 Mar 2020 21:24

Tgt Ion:180 Resp: 2972730
Ion Ratio Lower Upper
180 100
182 95.0 46.7 140.0
145 32.8 15.8 47.3

