

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX031620\
 Data File : VX015307.D
 Acq On : 16 Mar 2020 20:28
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Mar 17 07:45:02 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X030420W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 04 14:19:10 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	292970	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	455783	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	429469	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	232350	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	163268	46.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.94%	
35) Dibromofluoromethane	5.49	113	140110	48.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.46%	
50) Toluene-d8	8.71	98	535681	48.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.96%	
62) 4-Bromofluorobenzene	11.13	95	200010	51.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.54%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	112873	43.997	ug/l	98
3) Chloromethane	1.32	50	159182	43.803	ug/l	100
4) Vinyl Chloride	1.40	62	162286	44.041	ug/l	99
5) Bromomethane	1.64	94	96880	42.764	ug/l	99
6) Chloroethane	1.72	64	104537	47.292	ug/l	97
7) Trichlorofluoromethane	1.92	101	204249	46.583	ug/l	95
8) Diethyl Ether	2.18	74	94606	47.638	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	128197	46.472	ug/l	98
10) Methyl Iodide	2.50	142	134541	43.169	ug/l	98
11) Tert butyl alcohol	3.04	59	153595	254.704	ug/l	100
12) 1,1-Dichloroethene	2.37	96	132442	46.520	ug/l	94
13) Acrolein	2.28	56	137247	242.182	ug/l	99
14) Allyl chloride	2.72	41	251666	50.696	ug/l	93
15) Acrylonitrile	3.13	53	403182	268.466	ug/l	99
16) Acetone	2.44	43	313534	222.744	ug/l	98
17) Carbon Disulfide	2.56	76	334864	42.353	ug/l	100
18) Methyl Acetate	2.76	43	185078	53.773	ug/l	99
19) Methyl tert-butyl Ether	3.19	73	452522	50.865	ug/l	99
20) Methylene Chloride	2.85	84	155987	47.352	ug/l	99
21) trans-1,2-Dichloroethene	3.16	96	143048	47.056	ug/l	98
22) Diisopropyl ether	3.84	45	525462	53.129	ug/l	96
23) Vinyl Acetate	3.80	43	2168613	266.744	ug/l	98
24) 1,1-Dichloroethane	3.69	63	274348	49.980	ug/l	99
25) 2-Butanone	4.65	43	540510	262.292	ug/l	96
26) 2,2-Dichloropropane	4.58	77	186695	42.843	ug/l	98
27) cis-1,2-Dichloroethene	4.59	96	168283	49.344	ug/l	99
28) Bromochloromethane	5.00	49	131028	52.420	ug/l	94
29) Tetrahydrofuran	5.11	42	357590	269.196	ug/l	97
30) Chloroform	5.20	83	263904	49.327	ug/l	98
31) Cyclohexane	5.57	56	238783	48.769	ug/l	99
32) 1,1,1-Trichloroethane	5.48	97	215384	48.565	ug/l	99
36) 1,1-Dichloropropene	5.79	75	195539	46.408	ug/l	99
37) Ethyl Acetate	4.82	43	215804	55.214	ug/l	99
38) Carbon Tetrachloride	5.78	117	183439	46.122	ug/l	98

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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	233497	47.458	ug/l	98
40) Benzene	6.14	78	619509	49.557	ug/l	99
41) Methacrylonitrile	5.03	41	126553	53.906	ug/l	95
42) 1,2-Dichloroethane	6.18	62	204547	47.647	ug/l	99
43) Isopropyl Acetate	6.43	43	352982	51.337	ug/l	98
44) Trichloroethene	7.21	130	170380	48.940	ug/l	97
45) 1,2-Dichloropropane	7.51	63	166633	51.498	ug/l	99
46) Dibromomethane	7.65	93	101780	48.274	ug/l	99
47) Bromodichloromethane	7.89	83	208041	49.898	ug/l	98
48) Methyl methacrylate	7.76	41	177939	50.847	ug/l	97
49) 1,4-Dioxane	7.73	88	73686	973.862	ug/l	97
51) 4-Methyl-2-Pentanone	8.64	43	1101050	270.837	ug/l	100
52) Toluene	8.78	92	383421	50.163	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	223216	50.299	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	254046	50.638	ug/l	96
55) 1,1,2-Trichloroethane	9.21	97	158782	50.470	ug/l	98
56) Ethyl methacrylate	9.17	69	247328	55.116	ug/l	95
57) 1,3-Dichloropropane	9.37	76	267811	50.599	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	634692	259.626	ug/l	99
59) 2-Hexanone	9.48	43	818930	271.782	ug/l	98
60) Dibromochloromethane	9.57	129	168636	51.028	ug/l	99
61) 1,2-Dibromoethane	9.67	107	163641	49.522	ug/l	99
64) Tetrachloroethene	9.33	164	170853	48.116	ug/l	98
65) Chlorobenzene	10.14	112	414842	48.113	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	154635	47.562	ug/l	99
67) Ethyl Benzene	10.25	91	732271	50.014	ug/l	99
68) m/p-Xylenes	10.35	106	558750	100.305	ug/l	99
69) o-Xylene	10.70	106	268176	50.282	ug/l	100
70) Styrene	10.71	104	472204	51.637	ug/l	99
71) Bromoform	10.85	173	126577	50.205	ug/l #	99
73) Isopropylbenzene	11.01	105	714003	48.105	ug/l	100
74) N-amyl acetate	10.89	43	311999	49.878	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	232189	46.940	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	268721	57.980	ug/l	77
77) Bromobenzene	11.25	156	189177	45.734	ug/l	97
78) n-propylbenzene	11.35	91	838679	49.458	ug/l	99
79) 2-Chlorotoluene	11.42	91	492951	48.678	ug/l	100
80) 1,3,5-Trimethylbenzene	11.50	105	609031	49.291	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	76763	47.005	ug/l	97
82) 4-Chlorotoluene	11.51	91	572043	47.813	ug/l	100
83) tert-Butylbenzene	11.76	119	576086	48.219	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	620823	50.015	ug/l	100
85) sec-Butylbenzene	11.94	105	706659	48.997	ug/l	99
86) p-Isopropyltoluene	12.06	119	657637	49.492	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	343970	47.302	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	349455	46.548	ug/l	100
89) n-Butylbenzene	12.39	91	583709	49.391	ug/l	100
90) Hexachloroethane	12.59	117	116446	46.354	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	346815	47.972	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	48530	48.995	ug/l	95

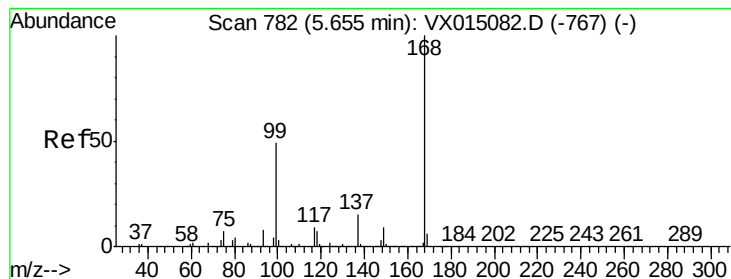
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Quant Title : SW846 8260
QLast Update : Wed Mar 04 14:19:10 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	252859	50.387	ug/l	100
94) Hexachlorobutadiene	13.78	225	118361	45.963	ug/l	99
95) Naphthalene	13.83	128	734610	47.828	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	257157	51.360	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 782

Delta R.T. -0.00 min

Lab File: VX015307.D

Acq: 16 Mar 2020 20:28

Instrument :

MSVOA_X

ClientSampleId :

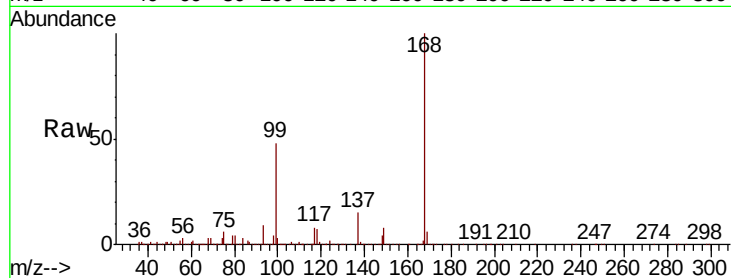
VSTDCCC050EC

Tot Ion:168 Resp: 292970

Ion Ratio Lower Upper

168 100

99 47.4 39.4 59.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

120000

100000

80000

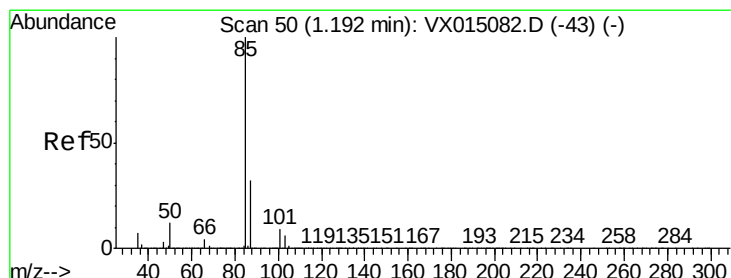
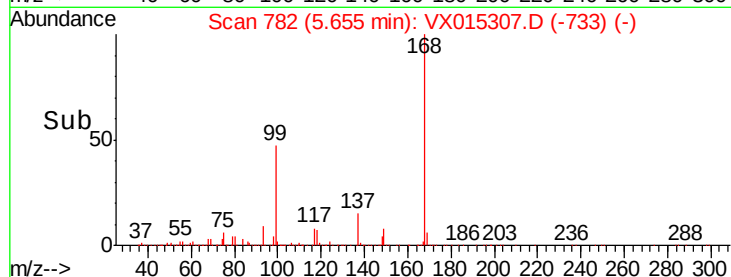
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 43.997 ug/l

RT: 1.19 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX015307.D

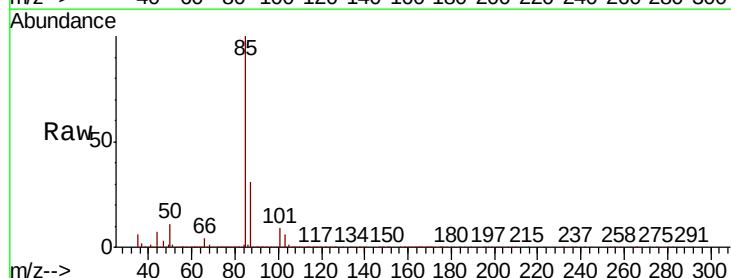
Acq: 16 Mar 2020 20:28

Tgt Ion: 85 Resp: 112873

Ion Ratio Lower Upper

85 100

87 31.3 16.2 48.5



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

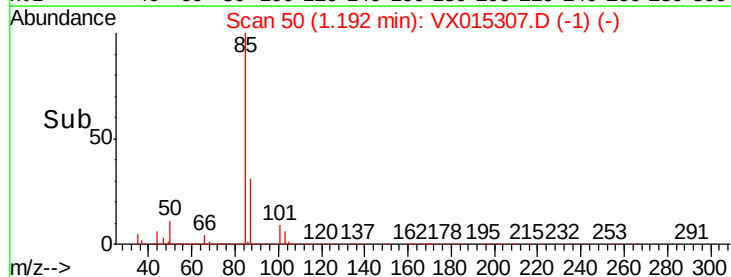
1.19

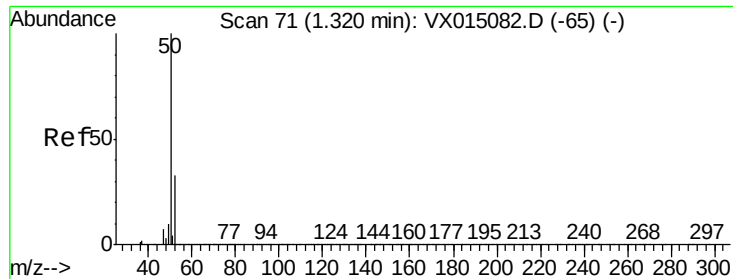
100000

50000

0

Time--> 1.10 1.15 1.20 1.25





#3

Chloromethane

Concen: 43.803 ug/l

RT: 1.32 min Scan# 71

Delta R.T. -0.00 min

Lab File: VX015307.D

Acq: 16 Mar 2020 20:28

Instrument :

MSVOA_X

ClientSampleId :

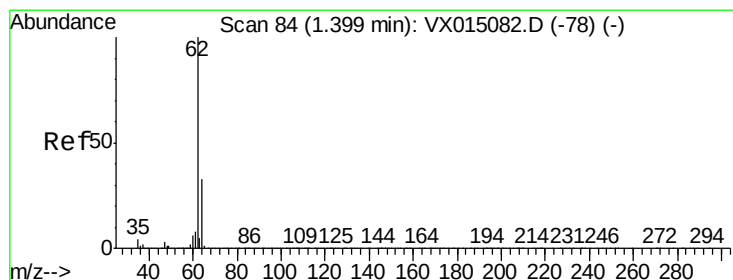
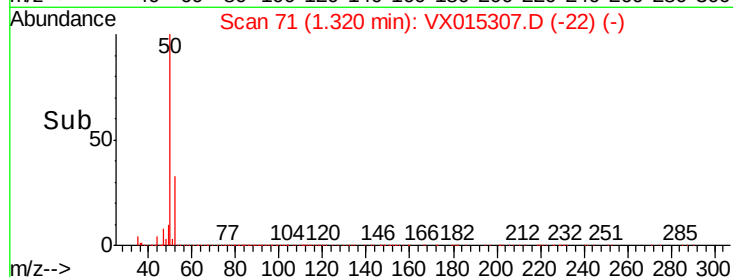
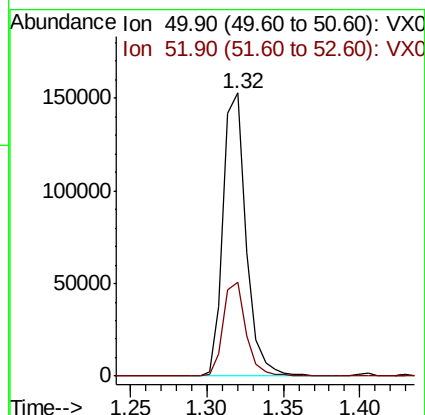
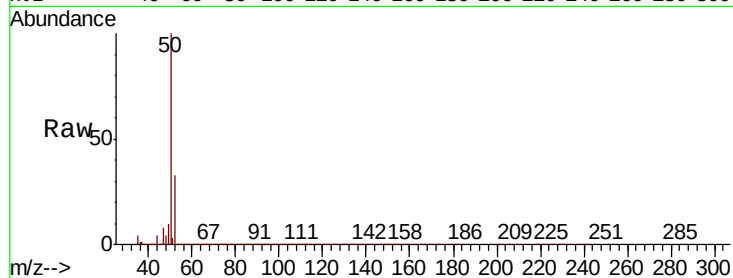
VSTDCCC050EC

Tot Ion: 50 Resp: 159182

Ion Ratio Lower Upper

50 100

52 32.9 26.2 39.2



#4

Vinyl Chloride

Concen: 44.041 ug/l

RT: 1.40 min Scan# 84

Delta R.T. -0.00 min

Lab File: VX015307.D

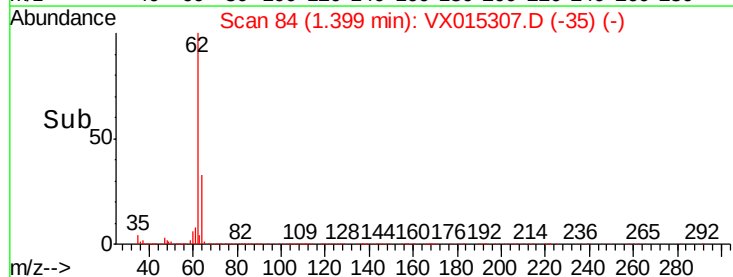
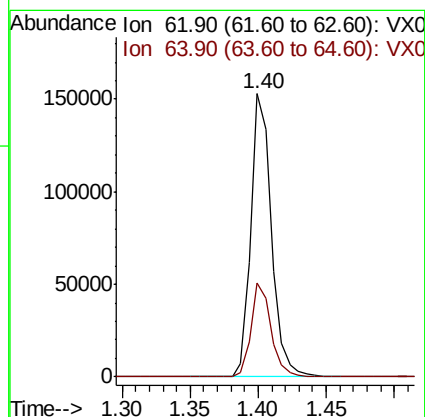
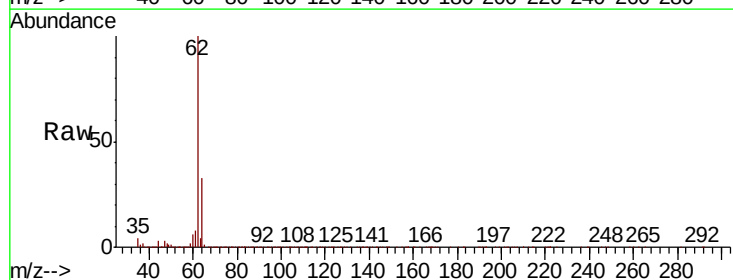
Acq: 16 Mar 2020 20:28

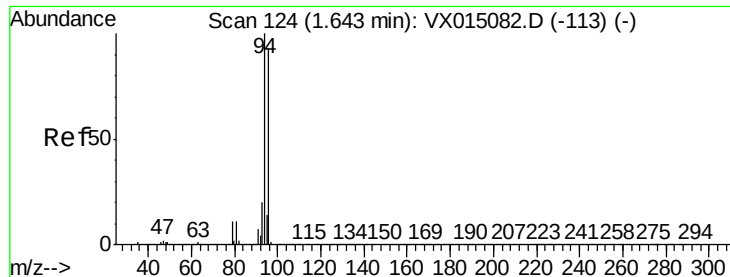
Tgt Ion: 62 Resp: 162286

Ion Ratio Lower Upper

62 100

64 33.0 26.1 39.1





#5

Bromomethane

Concen: 42.764 ug/l

RT: 1.64 min Scan# 123

Delta R.T. -0.01 min

Lab File: VX015307.D

Acq: 16 Mar 2020 20:28

Instrument :

MSVOA_X

ClientSampleId :

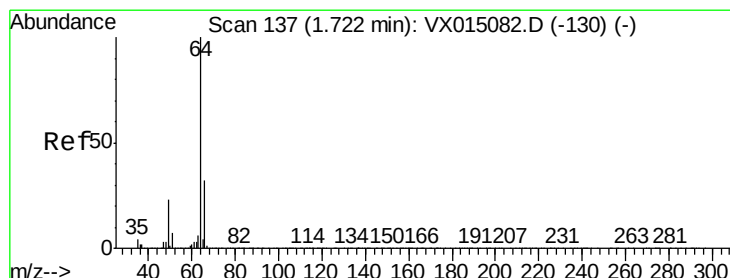
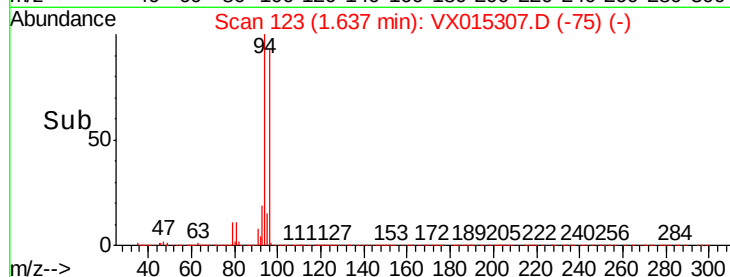
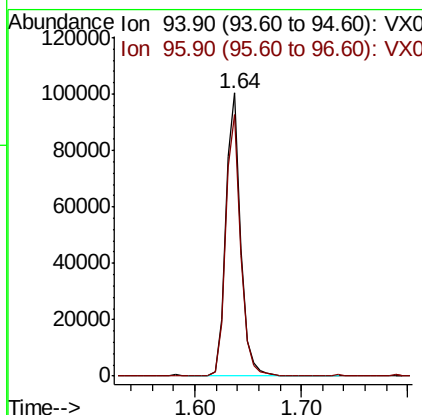
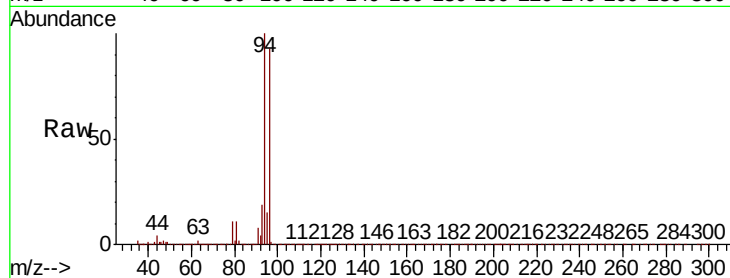
VSTDCCC050EC

Tot Ion: 94 Resp: 96880

Ion Ratio Lower Upper

94 100

96 92.6 74.6 111.8



#6

Chloroethane

Concen: 47.292 ug/l

RT: 1.72 min Scan# 136

Delta R.T. -0.01 min

Lab File: VX015307.D

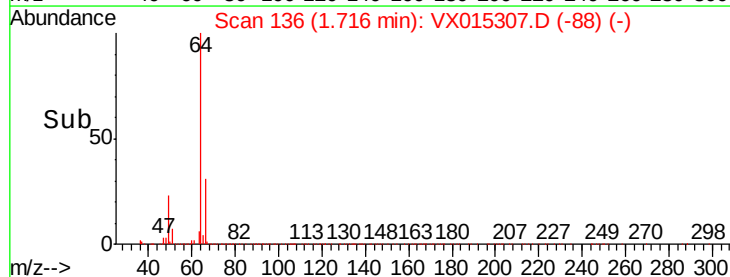
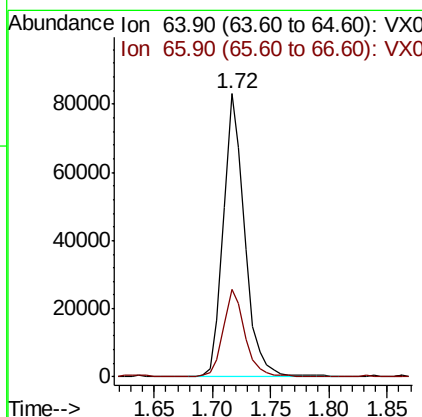
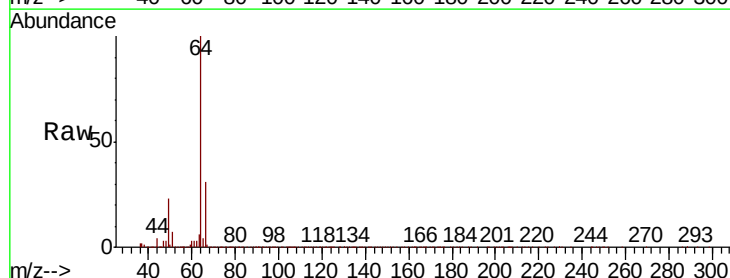
Acq: 16 Mar 2020 20:28

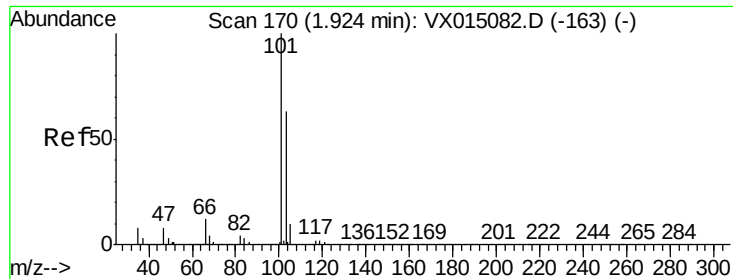
Tgt Ion: 64 Resp: 104537

Ion Ratio Lower Upper

64 100

66 30.7 25.8 38.8



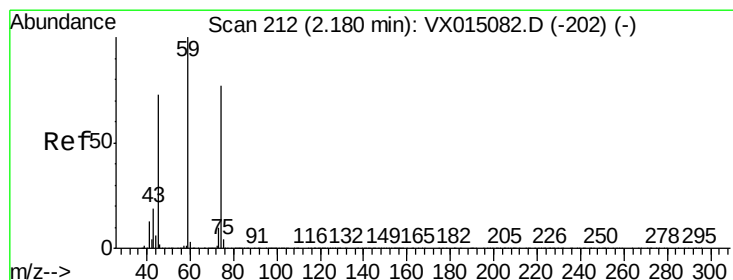
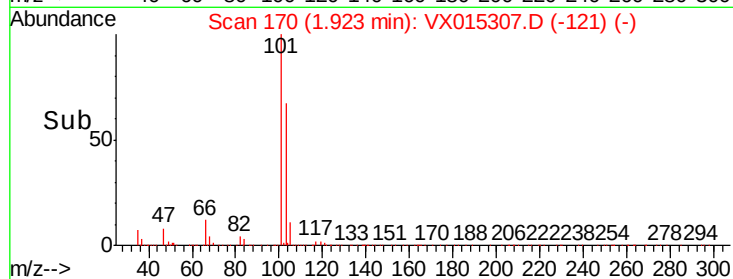
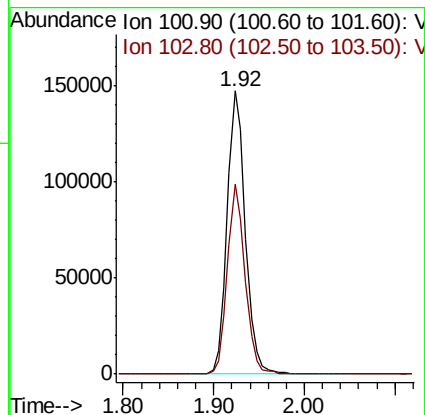
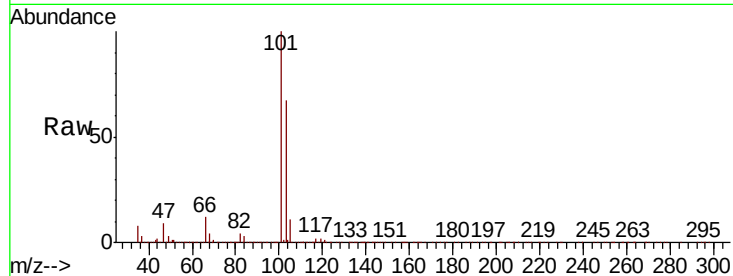


#7

Trichlorofluoromethane
Concen: 46.583 ug/l
RT: 1.92 min Scan# 170
Delta R.T. -0.00 min
Lab File: VX015307.D
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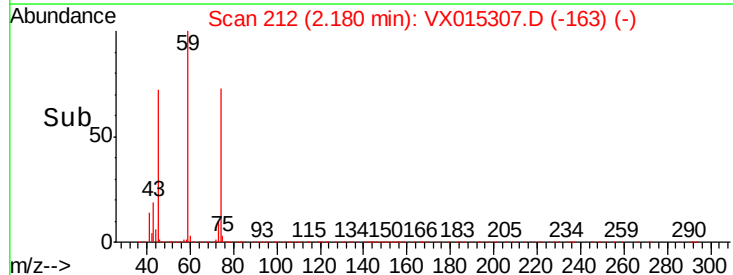
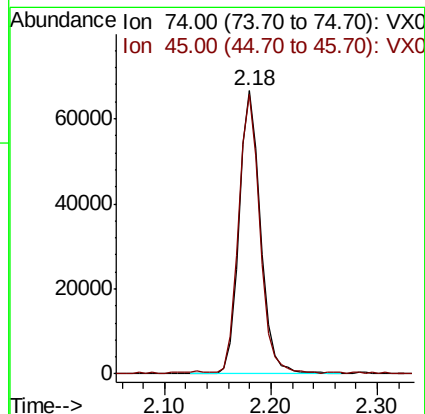
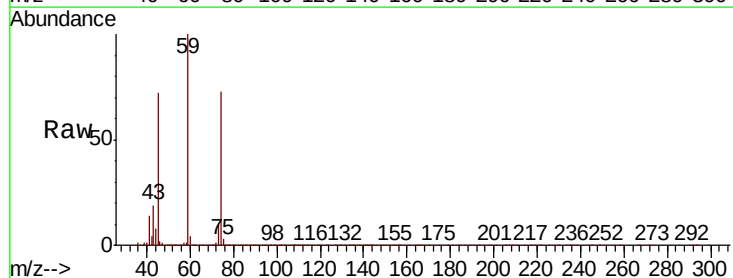
Tot Ion:101 Resp: 204249
Ion Ratio Lower Upper
101 100
103 67.0 50.4 75.6

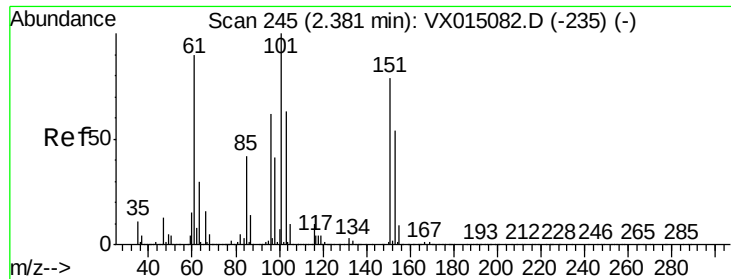


#8

Diethyl Ether
Concen: 47.638 ug/l
RT: 2.18 min Scan# 212
Delta R.T. -0.00 min
Lab File: VX015307.D
Acq: 16 Mar 2020 20:28

Tgt Ion: 74 Resp: 94606
Ion Ratio Lower Upper
74 100
45 97.5 49.2 147.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 46.472 ug/l

RT: 2.37 min Scan# 244

Delta R.T. -0.01 min

Lab File: VX015307.D

Acq: 16 Mar 2020 20:28

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

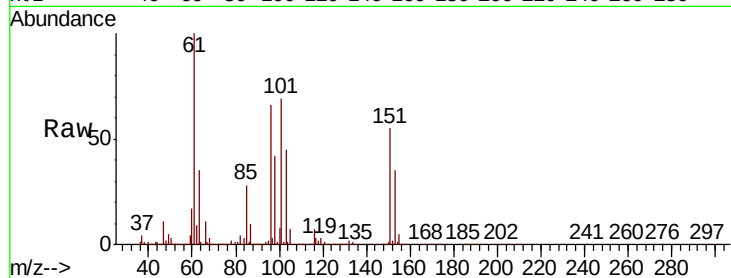
Tot Ion:101 Resp: 128197

Ion Ratio Lower Upper

101 100

85 41.9 33.7 50.5

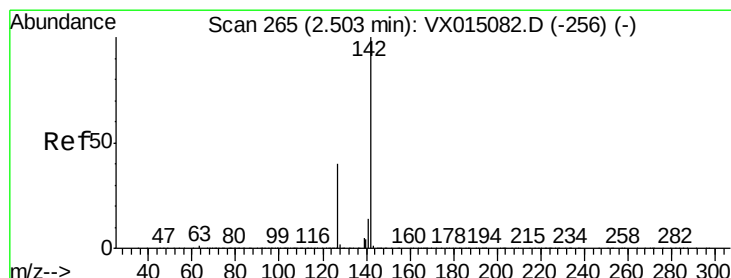
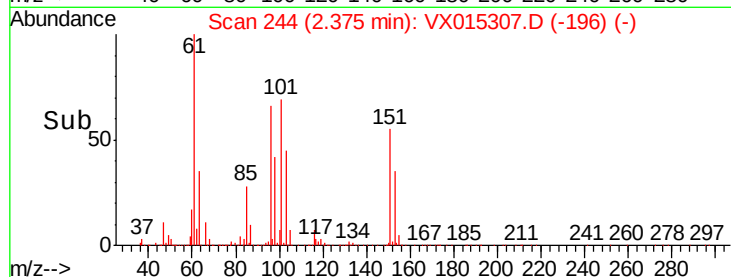
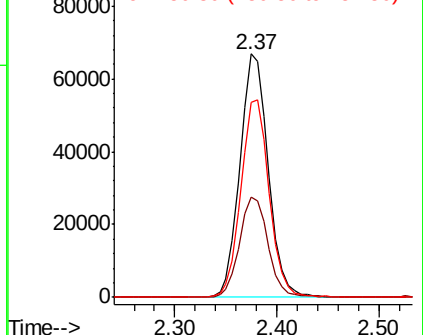
151 81.9 64.0 96.0



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: 43.169 ug/l

RT: 2.50 min Scan# 265

Delta R.T. -0.00 min

Lab File: VX015307.D

Acq: 16 Mar 2020 20:28

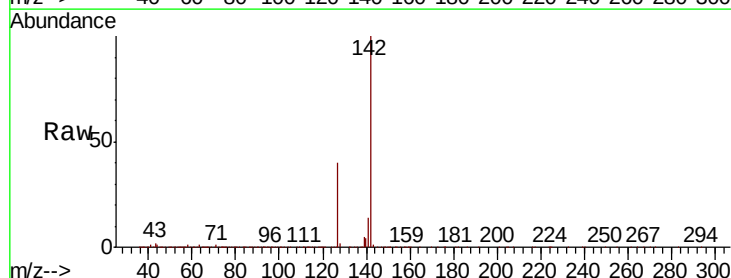
Tgt Ion:142 Resp: 134541

Ion Ratio Lower Upper

142 100

127 38.0 31.7 47.5

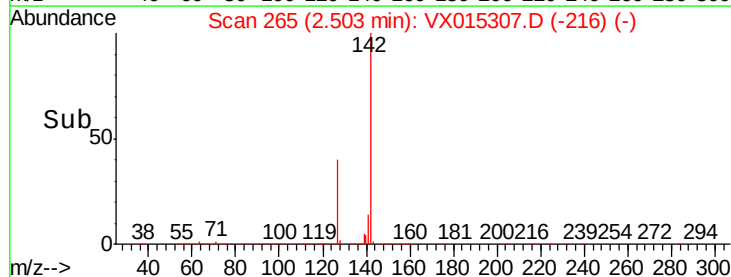
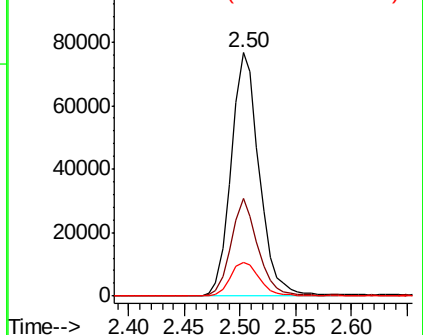
141 14.8 11.3 16.9

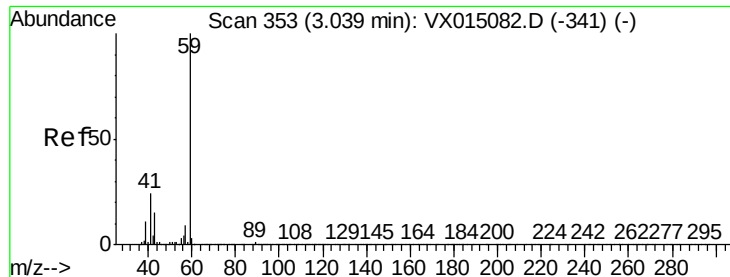


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



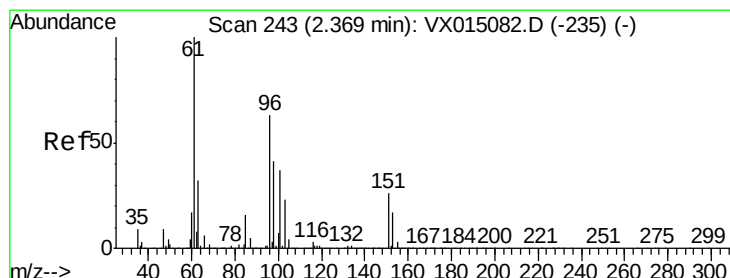
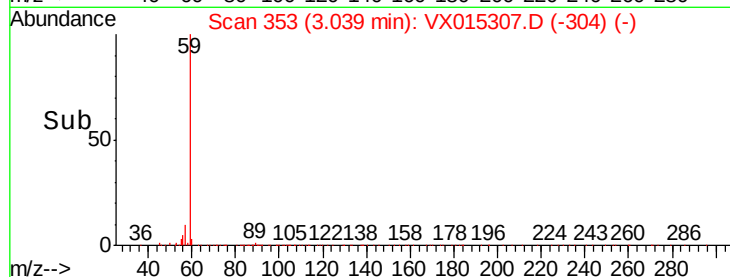
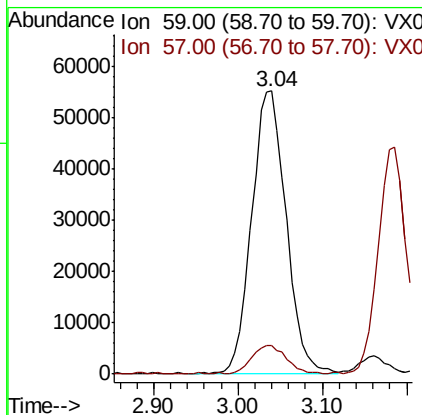
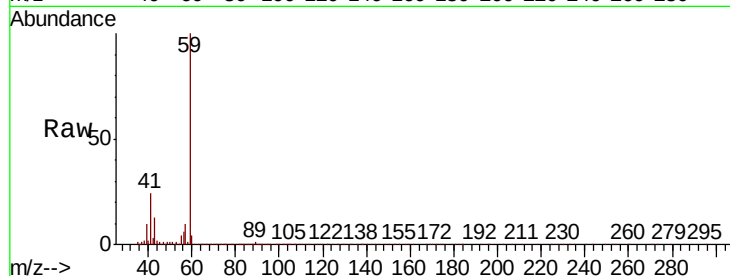


#11

Tert butyl alcohol
 Concen: 254.704 ug/l
 RT: 3.04 min Scan# 353
 Delta R.T. -0.00 min
 Lab File: VX015307.D
 Acq: 16 Mar 2020 20:28

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

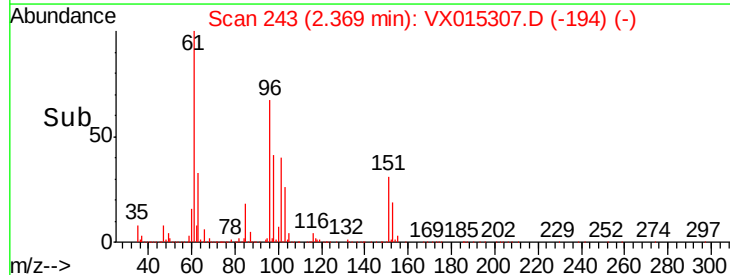
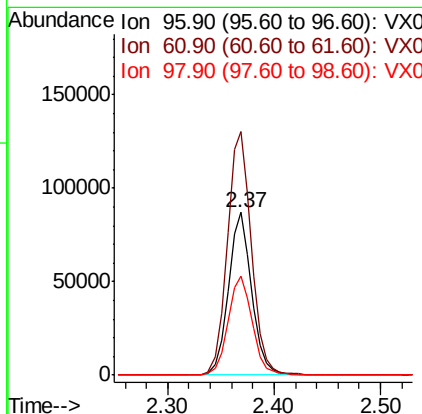
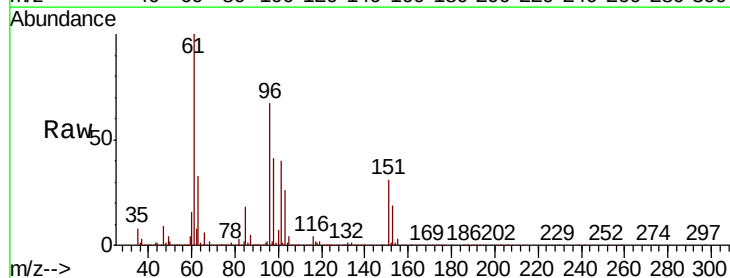
Tot Ion: 59 Resp: 153595
 Ion Ratio Lower Upper
 59 100
 57 10.4 8.2 12.4

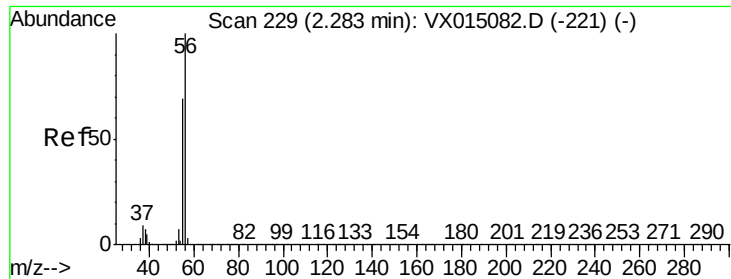


#12

1,1-Dichloroethene
 Concen: 46.520 ug/l
 RT: 2.37 min Scan# 243
 Delta R.T. -0.00 min
 Lab File: VX015307.D
 Acq: 16 Mar 2020 20:28

Tgt Ion: 96 Resp: 132442
 Ion Ratio Lower Upper
 96 100
 61 149.6 126.2 189.4
 98 60.9 51.4 77.0





#13

Acrolein

Concen: 242.182 ug/l

RT: 2.28 min Scan# 229

Delta R.T. -0.00 min

Lab File: VX015307.D

Acq: 16 Mar 2020 20:28

Instrument :

MSVOA_X

ClientSampleId :

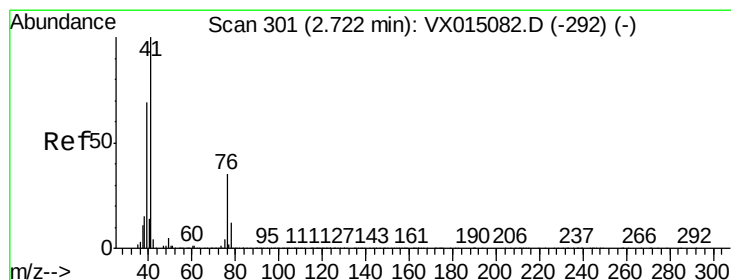
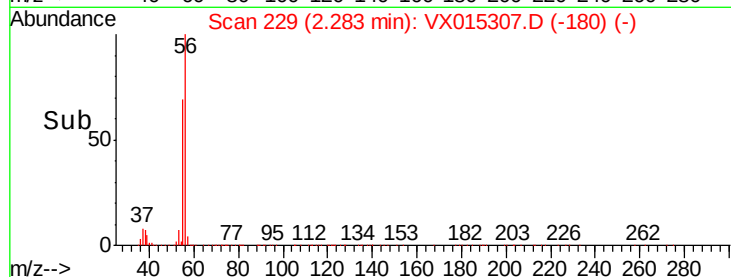
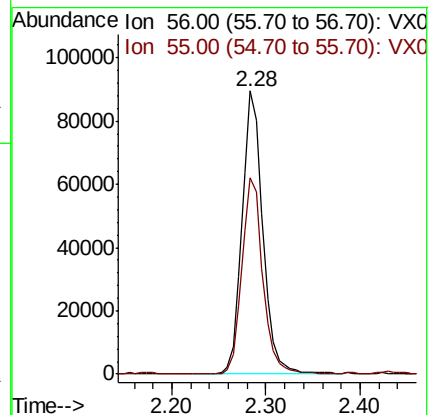
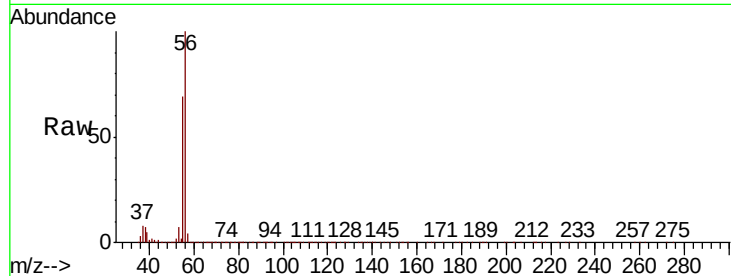
VSTDCCC050EC

Tot Ion: 56 Resp: 137247

Ion Ratio Lower Upper

56 100

55 68.7 55.4 83.0



#14

Allyl chloride

Concen: 50.696 ug/l

RT: 2.72 min Scan# 301

Delta R.T. -0.00 min

Lab File: VX015307.D

Acq: 16 Mar 2020 20:28

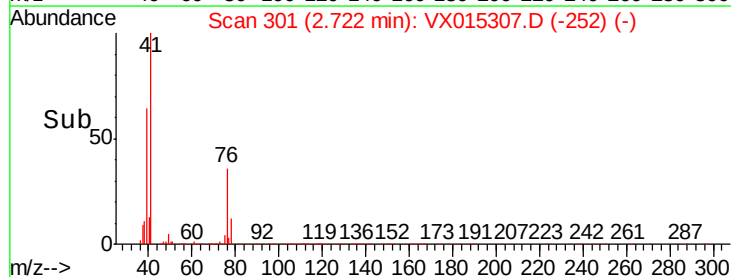
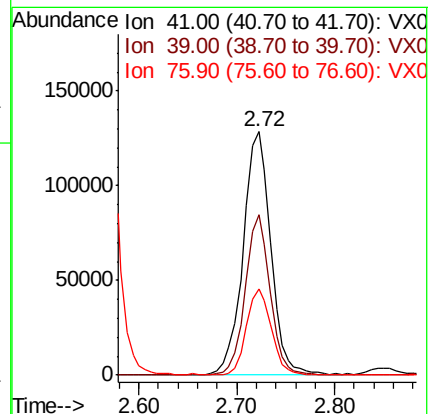
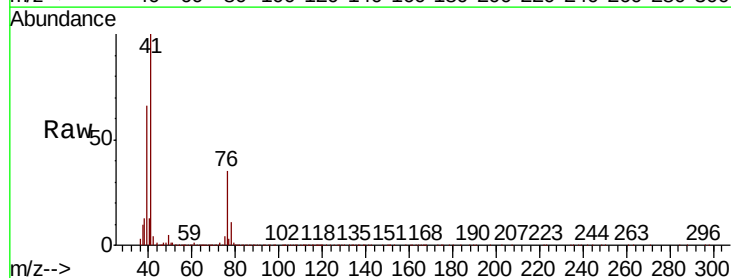
Tgt Ion: 41 Resp: 251666

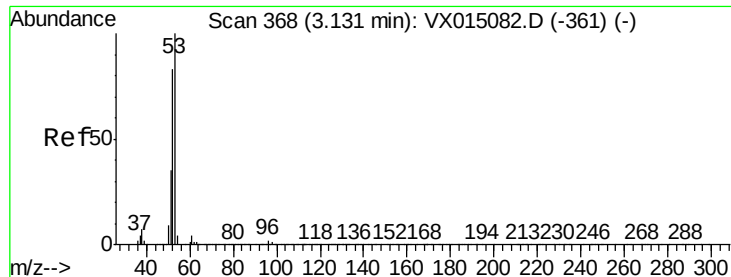
Ion Ratio Lower Upper

41 100

39 58.8 52.9 79.3

76 31.7 26.8 40.2





#15

Acrylonitrile

Concen: 268.466 ug/l

RT: 3.13 min Scan# 368

Delta R.T. -0.00 min

Lab File: VX015307.D

Acq: 16 Mar 2020 20:28

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

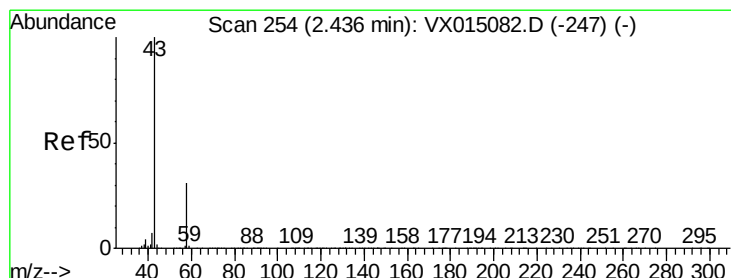
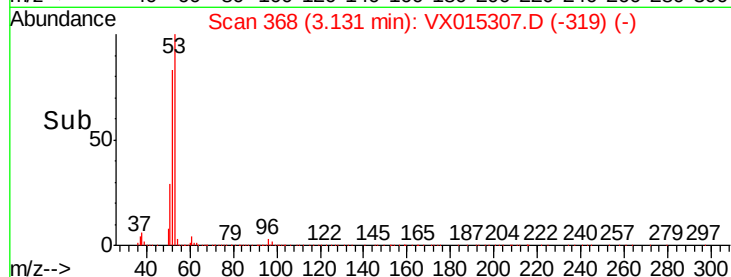
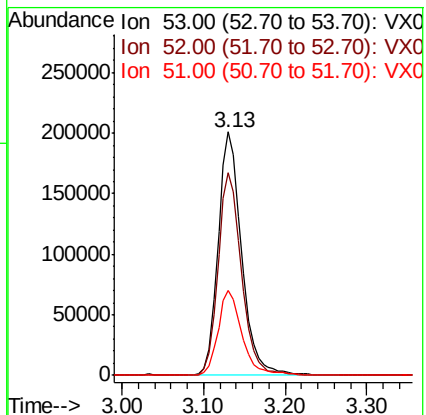
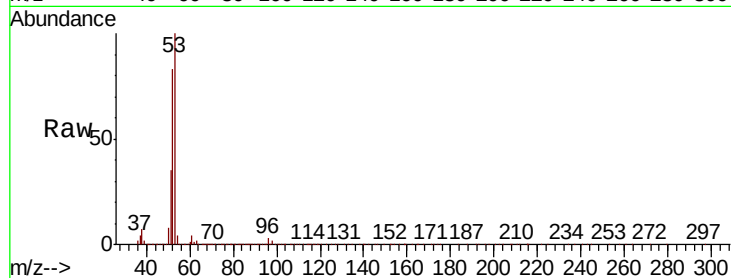
Tot Ion: 53 Resp: 403182

Ion Ratio Lower Upper

53 100

52 82.6 66.6 100.0

51 35.2 29.0 43.6



#16

Acetone

Concen: 222.744 ug/l

RT: 2.44 min Scan# 254

Delta R.T. -0.00 min

Lab File: VX015307.D

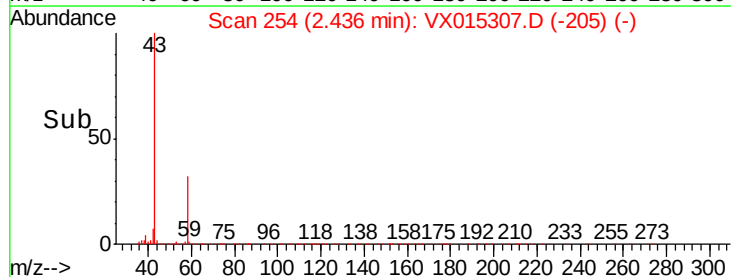
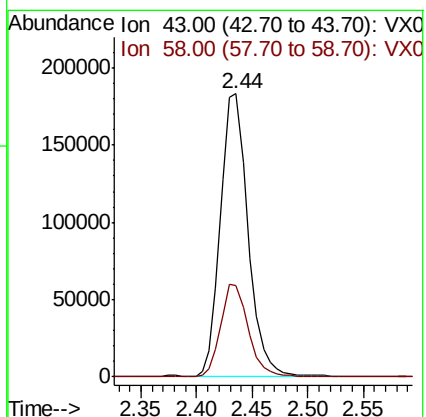
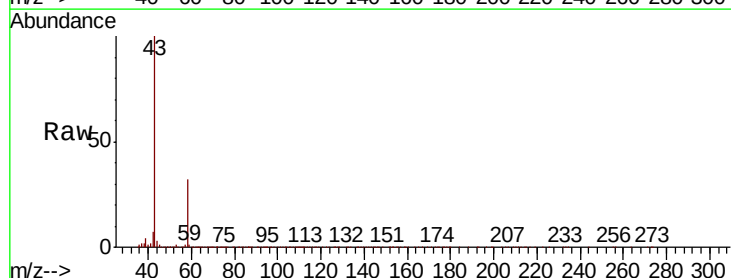
Acq: 16 Mar 2020 20:28

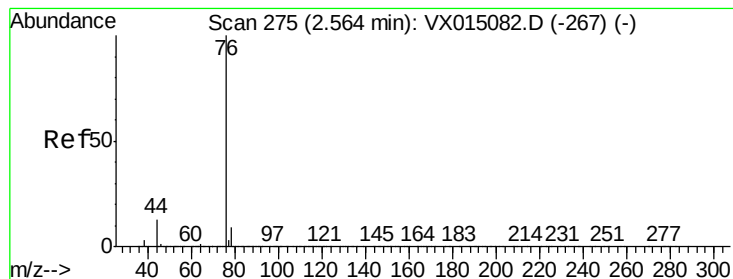
Tgt Ion: 43 Resp: 313534

Ion Ratio Lower Upper

43 100

58 32.2 24.8 37.2





#17

Carbon Disulfide

Concen: 42.353 ug/l

RT: 2.56 min Scan# 275

Delta R.T. -0.00 min

Lab File: VX015307.D

Acq: 16 Mar 2020 20:28

Instrument :

MSVOA_X

ClientSampleId :

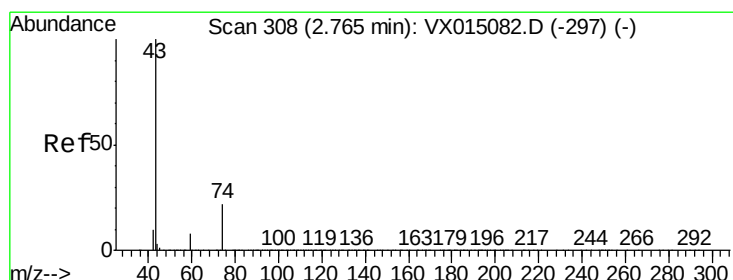
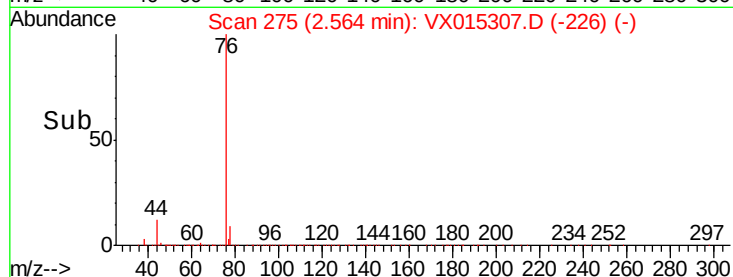
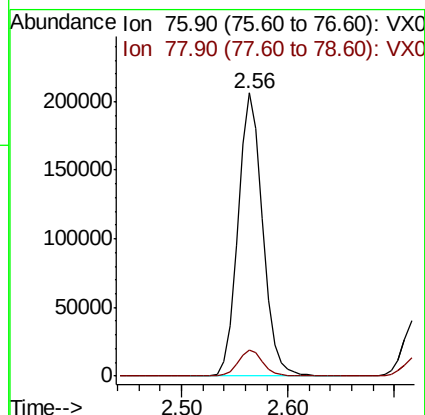
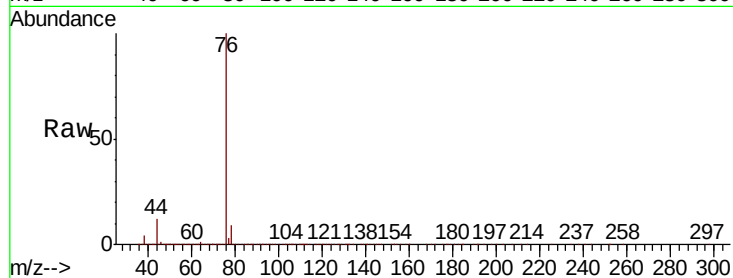
VSTDCCC050EC

Tot Ion: 76 Resp: 334864

Ion Ratio Lower Upper

76 100

78 9.1 7.3 10.9



#18

Methyl Acetate

Concen: 53.773 ug/l

RT: 2.76 min Scan# 308

Delta R.T. -0.00 min

Lab File: VX015307.D

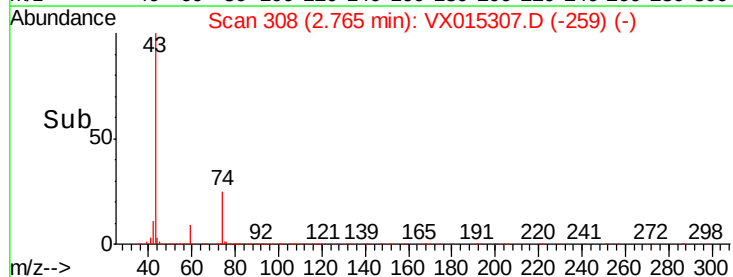
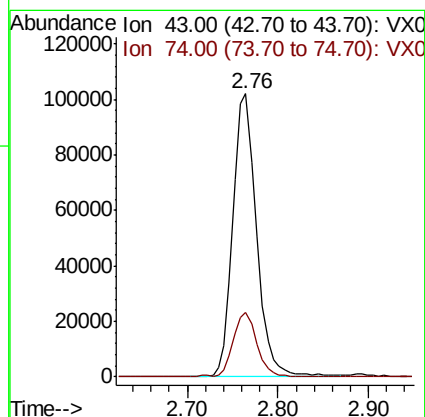
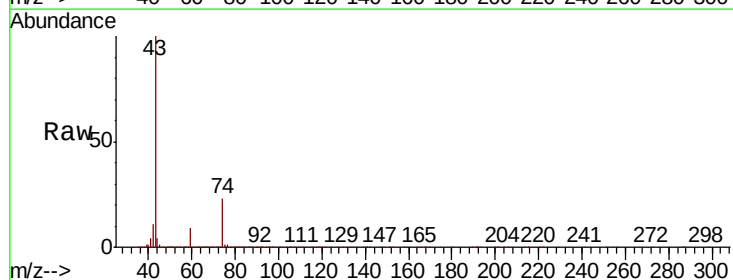
Acq: 16 Mar 2020 20:28

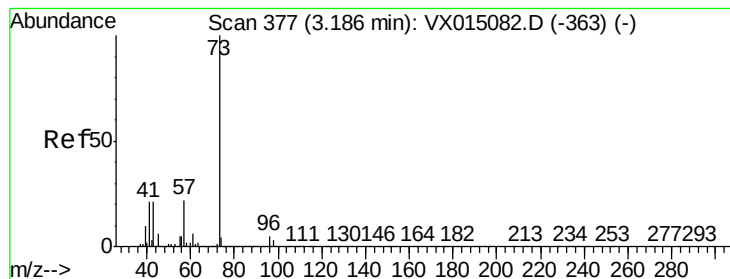
Tgt Ion: 43 Resp: 185078

Ion Ratio Lower Upper

43 100

74 22.8 18.8 28.2



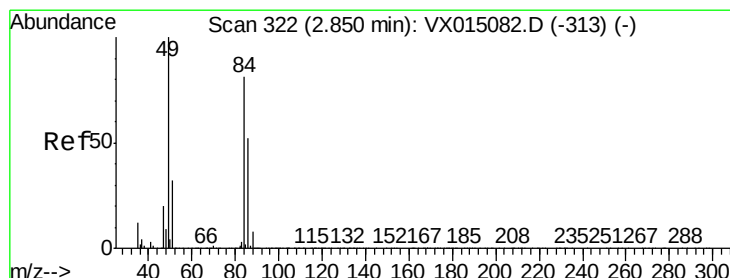
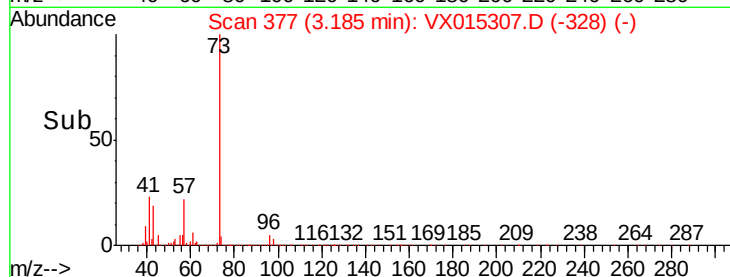
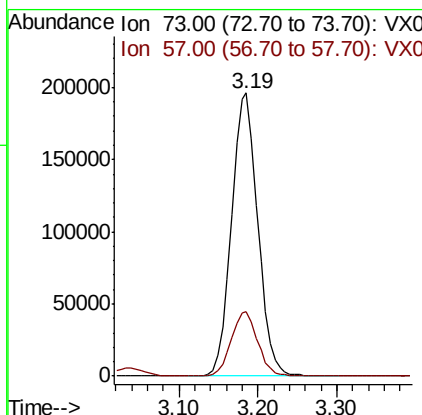
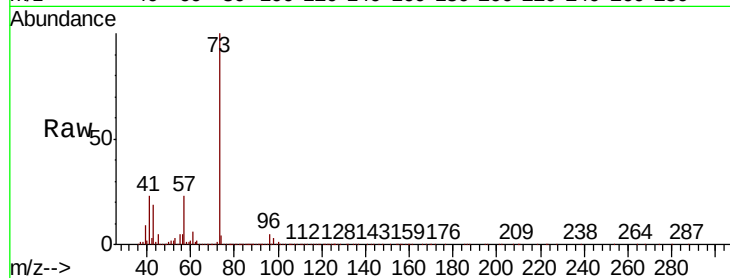


#19

Methyl tert-butyl Ether
 Concen: 50.865 ug/l
 RT: 3.19 min Scan# 377
 Delta R.T. -0.00 min
 Lab File: VX015307.D
 Acq: 16 Mar 2020 20:28

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

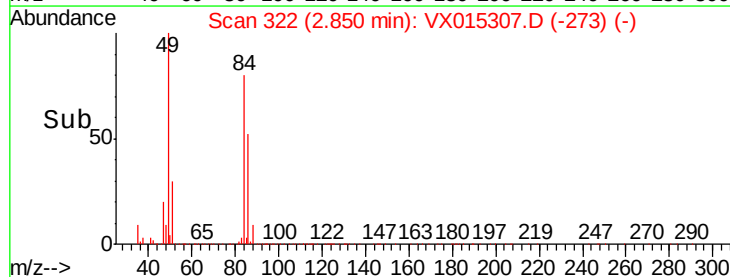
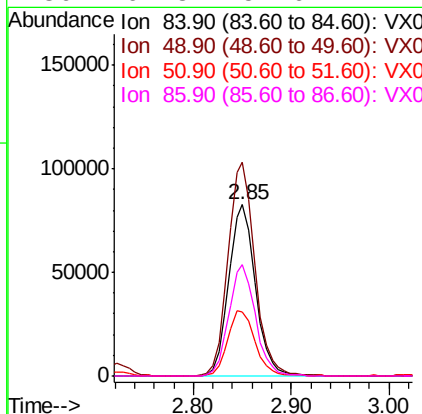
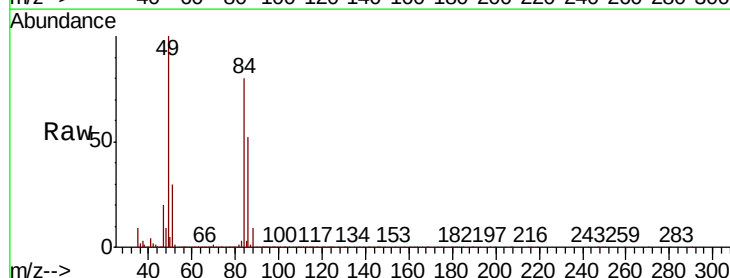
Tot Ion: 73 Resp: 452522
 Ion Ratio Lower Upper
 73 100
 57 22.5 17.8 26.6

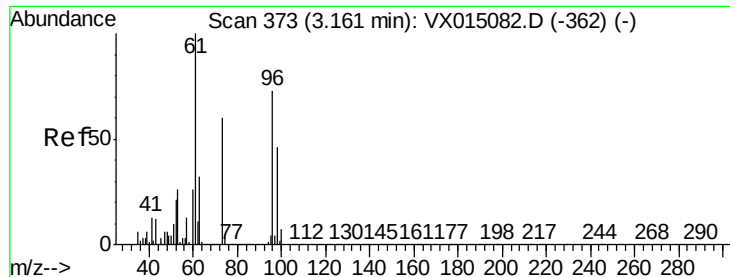


#20

Methylene Chloride
 Concen: 47.352 ug/l
 RT: 2.85 min Scan# 322
 Delta R.T. -0.00 min
 Lab File: VX015307.D
 Acq: 16 Mar 2020 20:28

Tgt Ion: 84 Resp: 155987
 Ion Ratio Lower Upper
 84 100
 49 124.8 99.4 149.2
 51 37.0 31.5 47.3
 86 64.8 51.6 77.4





#21

trans-1,2-Dichloroethene

Concen: 47.056 ug/l

RT: 3.16 min Scan# 373

Delta R.T. -0.00 min

Lab File: VX015307.D

Acq: 16 Mar 2020 20:28

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

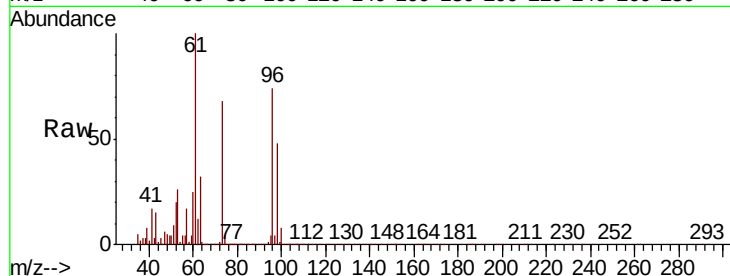
Tot Ion: 96 Resp: 143048

Ion Ratio Lower Upper

96 100

61 135.8 109.9 164.9

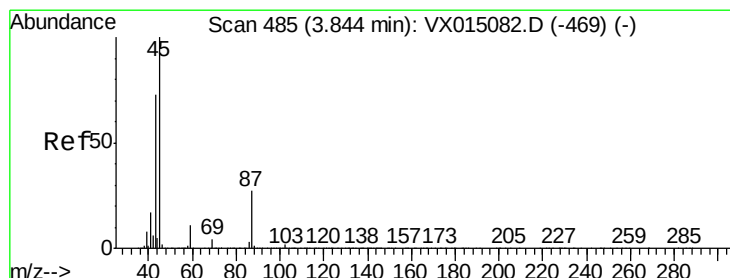
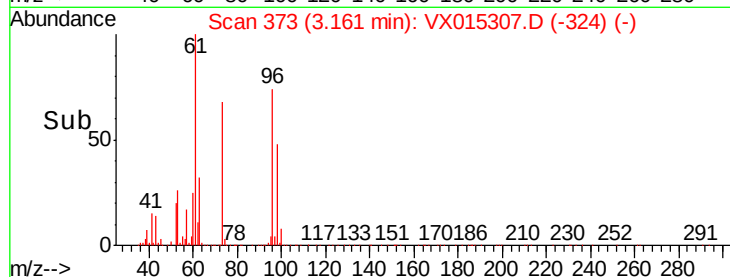
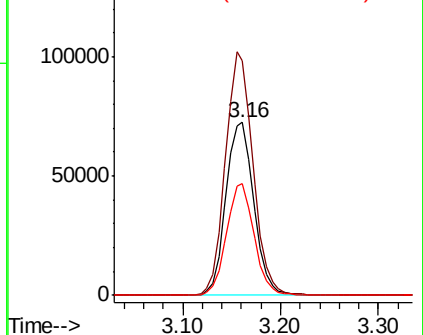
98 64.8 50.2 75.2



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 53.129 ug/l

RT: 3.84 min Scan# 485

Delta R.T. -0.00 min

Lab File: VX015307.D

Acq: 16 Mar 2020 20:28

Tgt Ion: 45 Resp: 525462

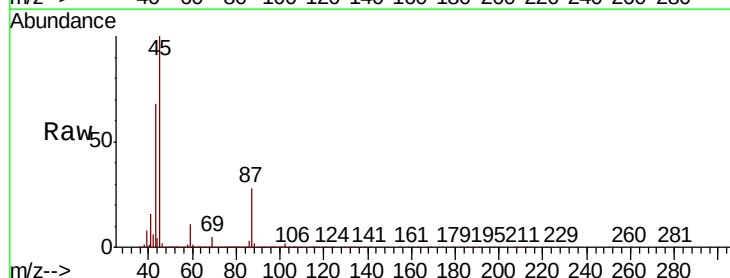
Ion Ratio Lower Upper

45 100

43 67.8 58.2 87.2

87 27.6 21.2 31.8

59 11.1 8.9 13.3

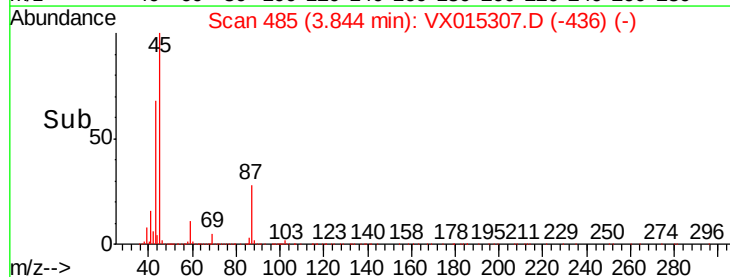
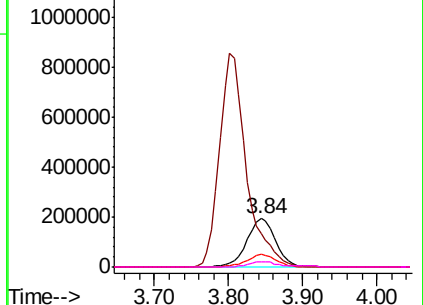


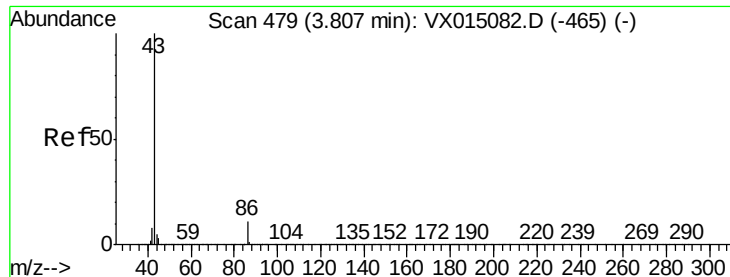
Abundance Ion 45.00 (44.70 to 45.70): VX0

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: 266.744 ug/l

RT: 3.80 min Scan# 478

Delta R.T. -0.01 min

Lab File: VX015307.D

Acq: 16 Mar 2020 20:28

Instrument :

MSVOA_X

ClientSampleId :

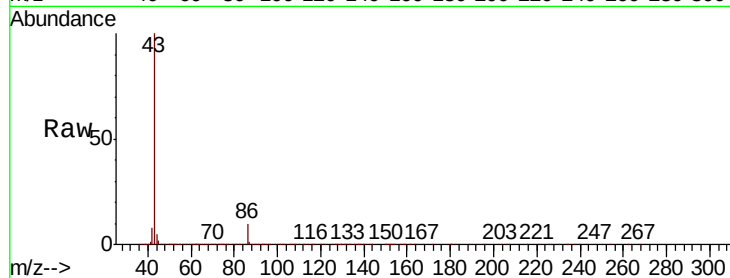
VSTDCCC050EC

Tot Ion: 43 Resp: 2168613

Ion Ratio Lower Upper

43 100

86 10.1 8.6 12.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

3.80

800000

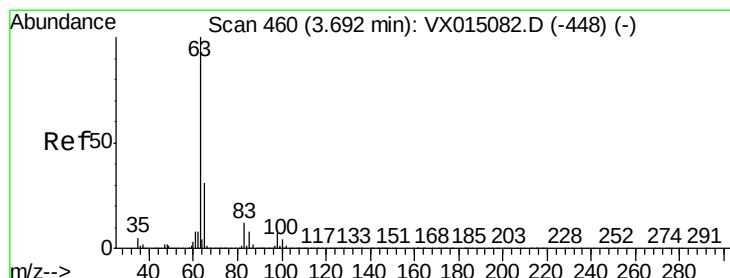
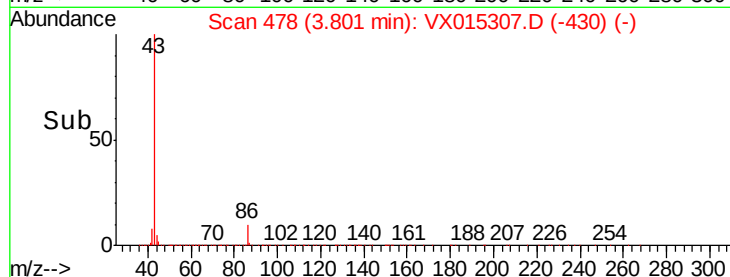
600000

400000

200000

0

Time--> 3.60 3.80 4.00



#24

1,1-Dichloroethane

Concen: 49.980 ug/l

RT: 3.69 min Scan# 460

Delta R.T. -0.00 min

Lab File: VX015307.D

Acq: 16 Mar 2020 20:28

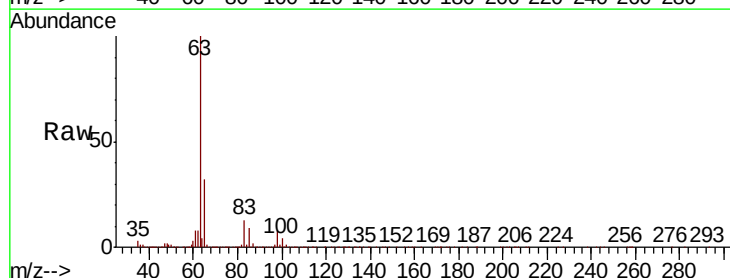
Tgt Ion: 63 Resp: 274348

Ion Ratio Lower Upper

63 100

98 7.7 3.7 11.1

100 4.3 2.1 6.5



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0

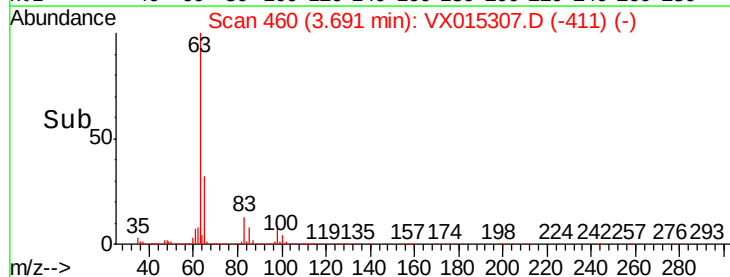
150000

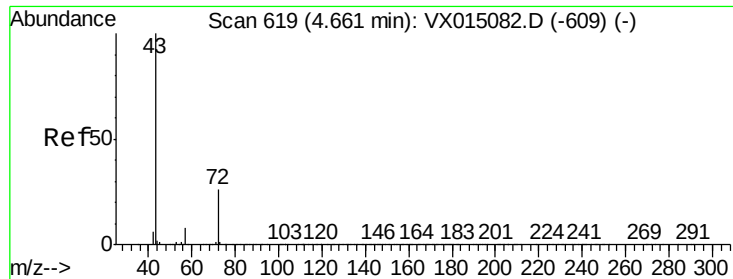
100000

50000

0

Time--> 3.60 3.70 3.80

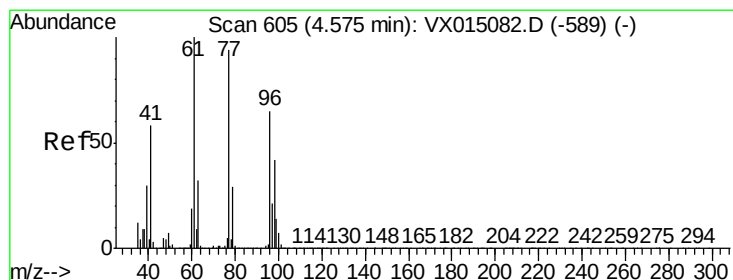
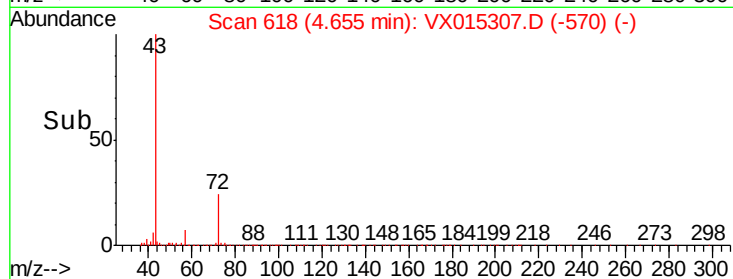
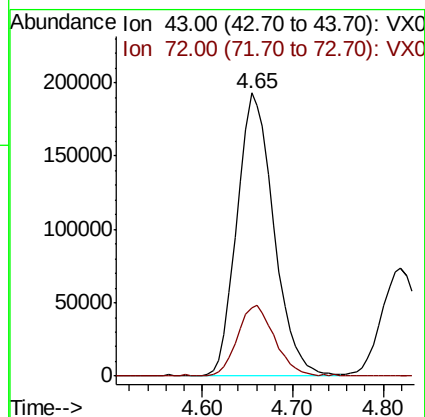
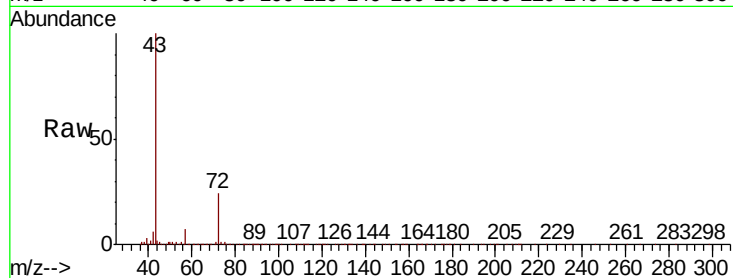




#25
2-Butanone
Concen: 262.292 ug/l
RT: 4.65 min Scan# 618
Delta R.T. -0.01 min
Lab File: VX015307.D
Acq: 16 Mar 2020 20:28

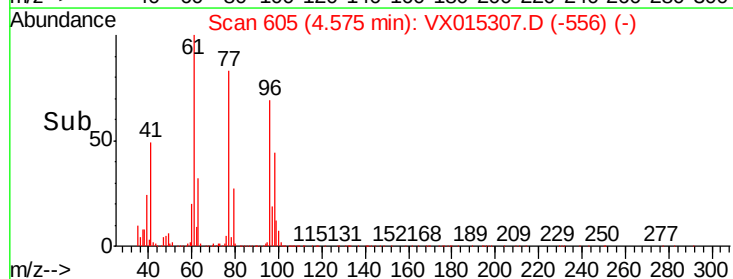
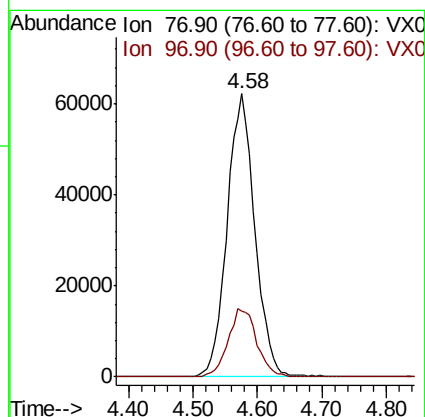
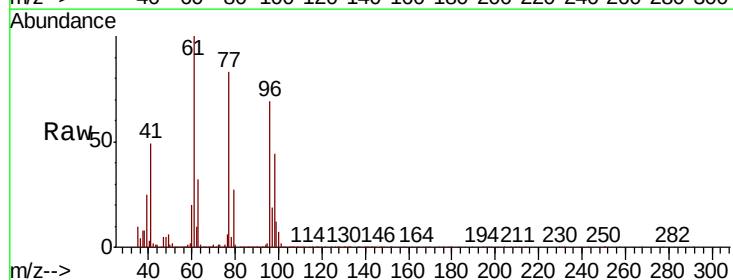
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

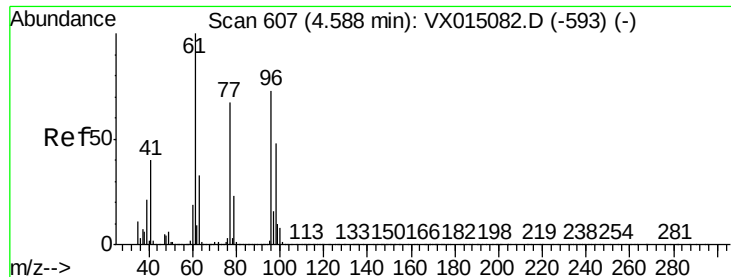
Tot Ion: 43 Resp: 540510
Ion Ratio Lower Upper
43 100
72 23.9 20.6 30.8



#26
2,2-Dichloropropane
Concen: 42.843 ug/l
RT: 4.58 min Scan# 605
Delta R.T. -0.00 min
Lab File: VX015307.D
Acq: 16 Mar 2020 20:28

Tgt Ion: 77 Resp: 186695
Ion Ratio Lower Upper
77 100
97 24.6 11.8 35.4



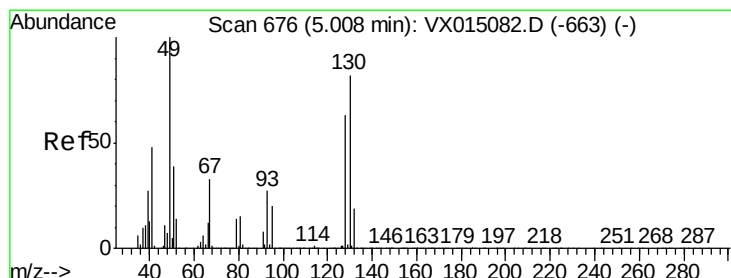
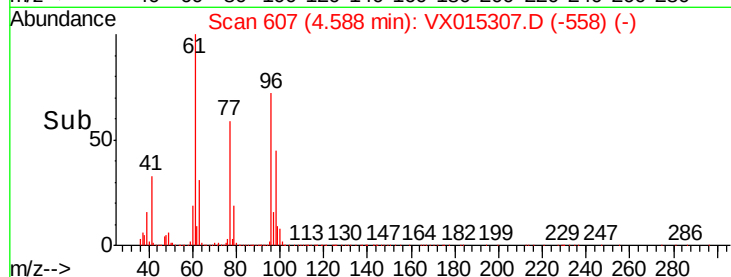
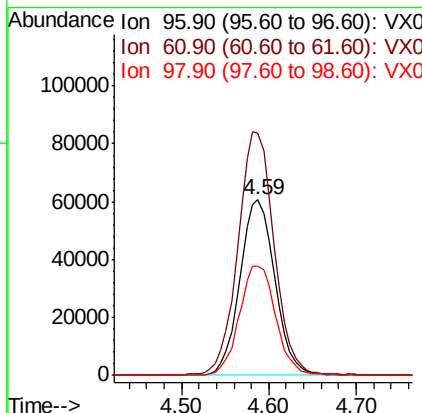
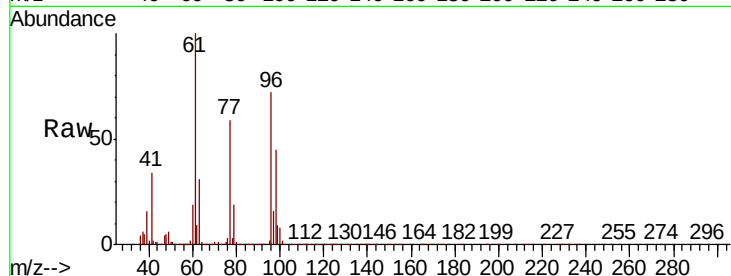


#27

cis-1,2-Dichloroethene
 Concen: 49.344 ug/l
 RT: 4.59 min Scan# 607
 Delta R.T. -0.00 min
 Lab File: VX015307.D
 Acq: 16 Mar 2020 20:28

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

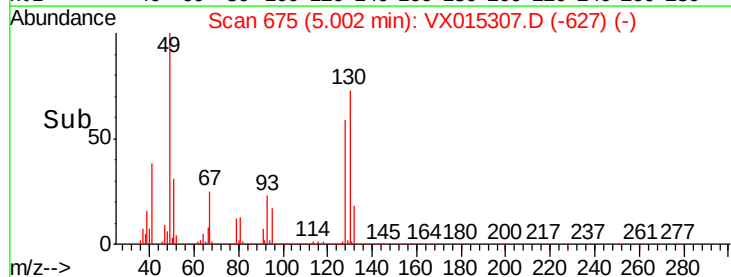
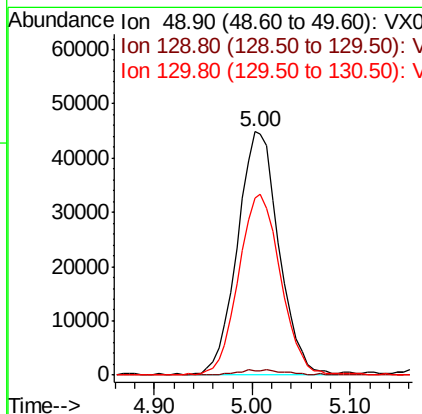
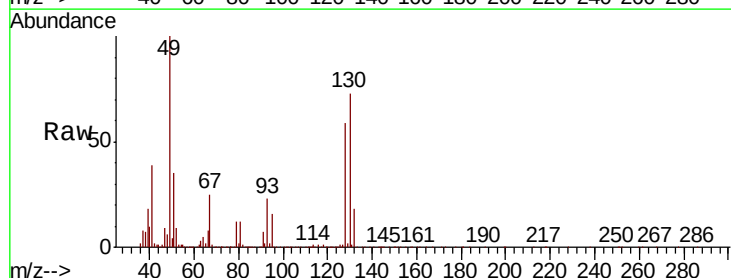
Tot Ion	Ratio	Lower	Upper
96	100		
61	144.2	0.0	286.8
98	64.5	0.0	128.4

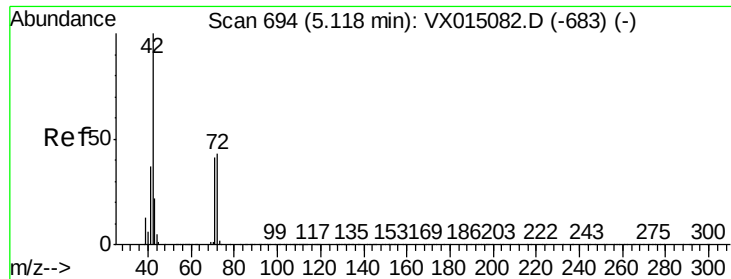


#28

Bromochloromethane
 Concen: 52.420 ug/l
 RT: 5.00 min Scan# 675
 Delta R.T. -0.01 min
 Lab File: VX015307.D
 Acq: 16 Mar 2020 20:28

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.5	0.0	4.4
130	76.0	65.0	97.6





#29

Tetrahydrofuran

Concen: 269.196 ug/l

RT: 5.11 min Scan# 693

Delta R.T. -0.01 min

Lab File: VX015307.D

Acq: 16 Mar 2020 20:28

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

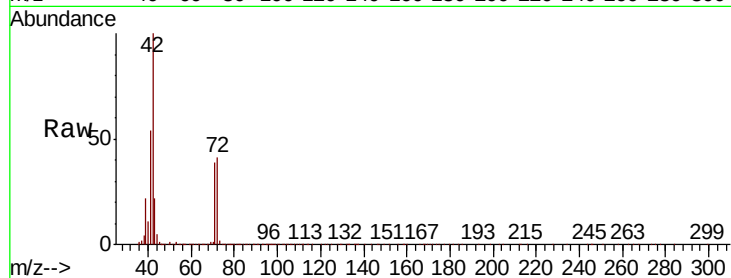
Tot Ion: 42 Resp: 357590

Ion Ratio Lower Upper

42 100

72 42.7 36.4 54.6

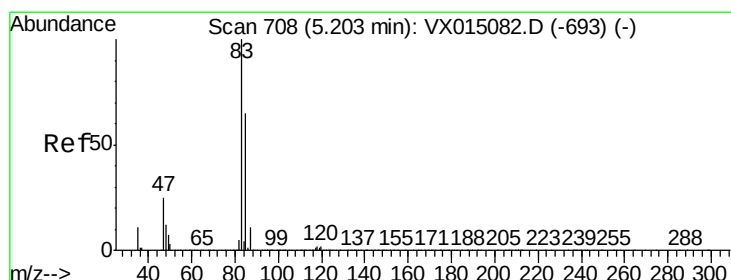
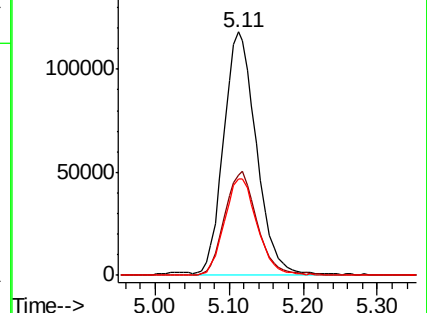
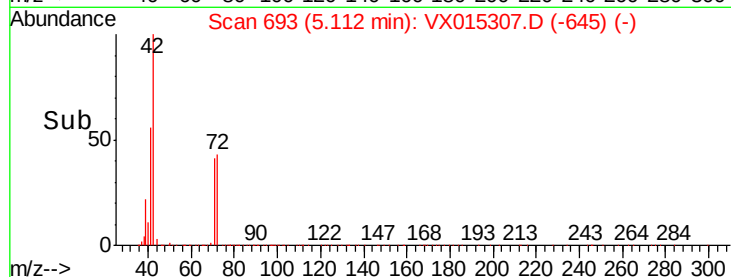
71 40.1 33.3 49.9



Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0



#30

Chloroform

Concen: 49.327 ug/l

RT: 5.20 min Scan# 707

Delta R.T. -0.01 min

Lab File: VX015307.D

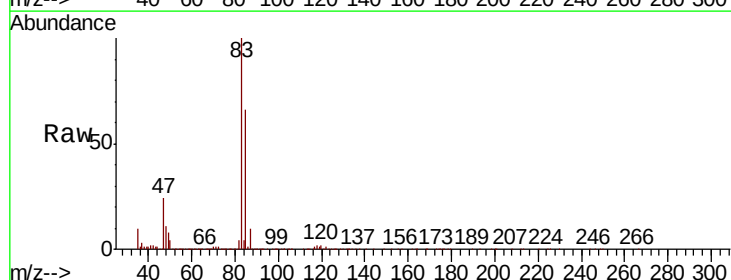
Acq: 16 Mar 2020 20:28

Tgt Ion: 83 Resp: 263904

Ion Ratio Lower Upper

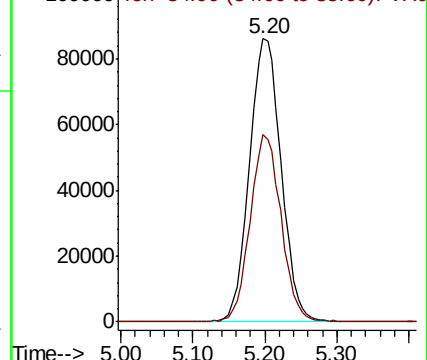
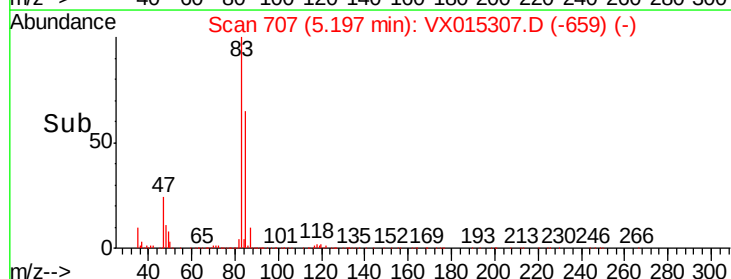
83 100

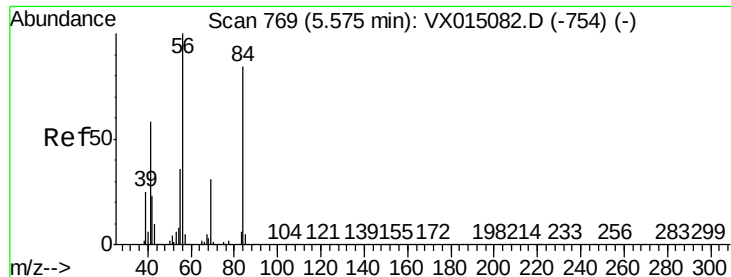
85 66.2 52.0 78.0



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0





#31

Cyclohexane

Concen: 48.769 ug/l

RT: 5.57 min Scan# 768

Delta R.T. -0.01 min

Lab File: VX015307.D

Acq: 16 Mar 2020 20:28

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

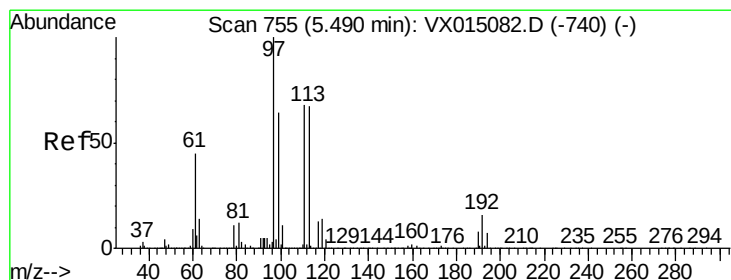
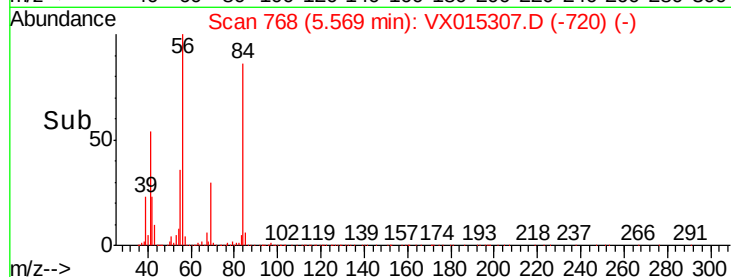
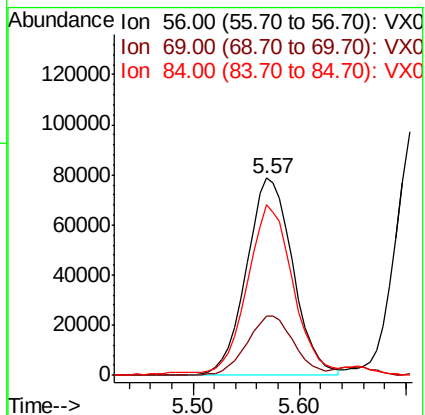
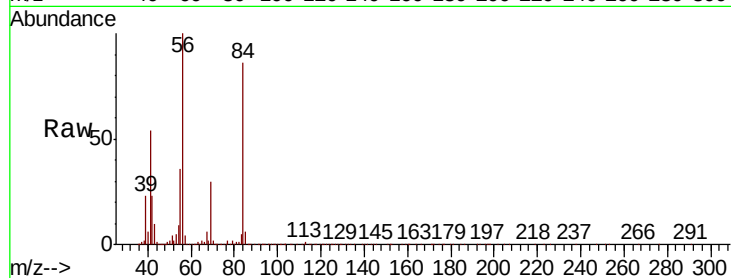
Tot Ion: 56 Resp: 238783

Ion Ratio Lower Upper

56 100

69 30.1 25.0 37.6

84 84.7 67.6 101.4



#32

1,1,1-Trichloroethane

Concen: 48.565 ug/l

RT: 5.48 min Scan# 754

Delta R.T. -0.01 min

Lab File: VX015307.D

Acq: 16 Mar 2020 20:28

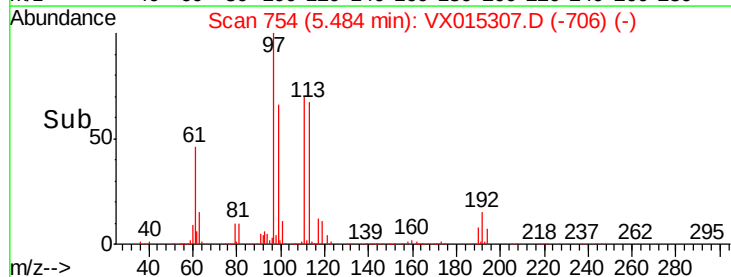
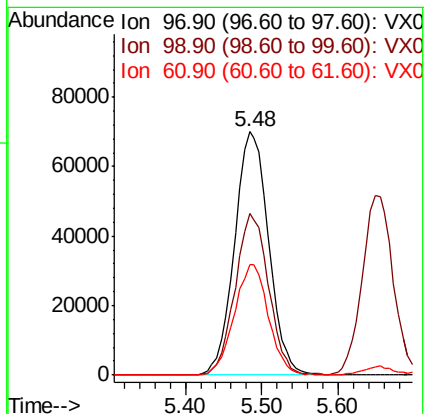
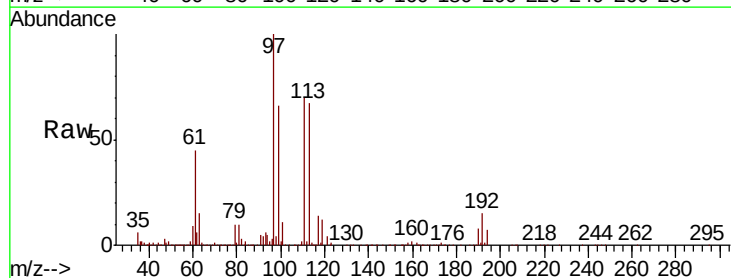
Tgt Ion: 97 Resp: 215384

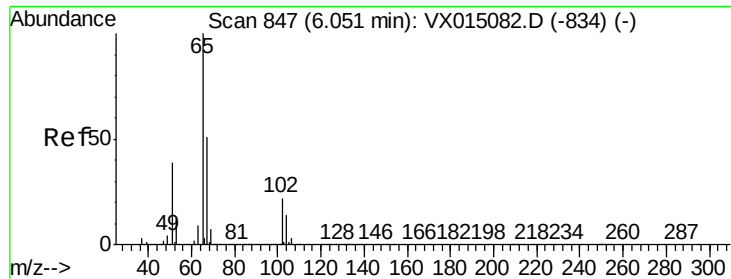
Ion Ratio Lower Upper

97 100

99 65.2 52.8 79.2

61 45.1 36.6 54.8

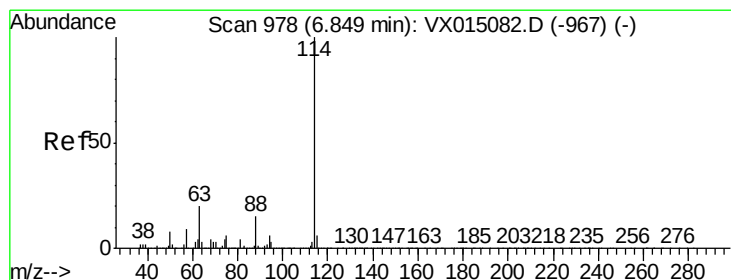
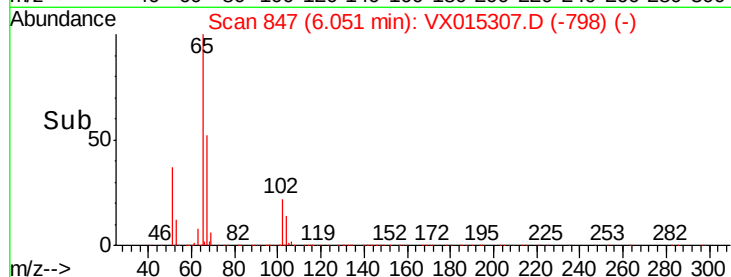
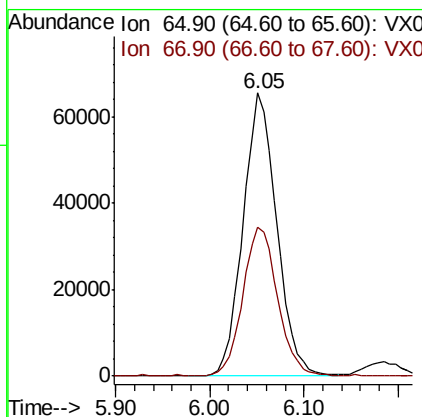
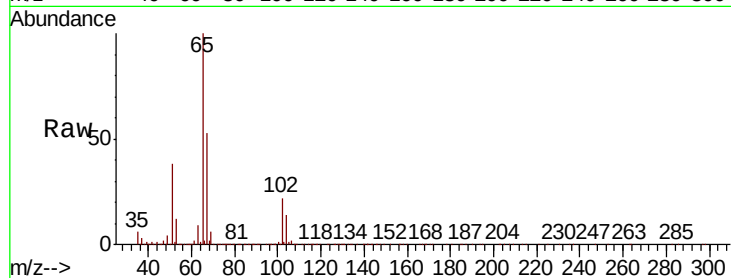




#33
 1,2-Dichloroethane-d4
 Concen: 46.974 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. -0.00 min
 Lab File: VX015307.D
 Acq: 16 Mar 2020 20:28

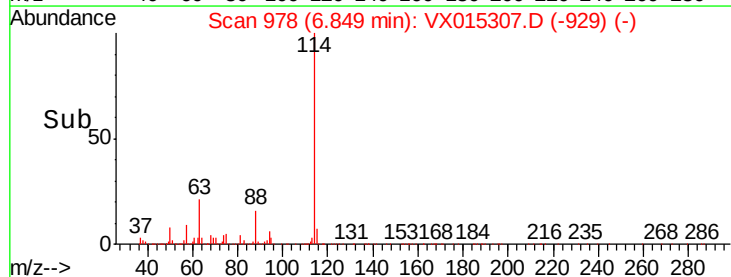
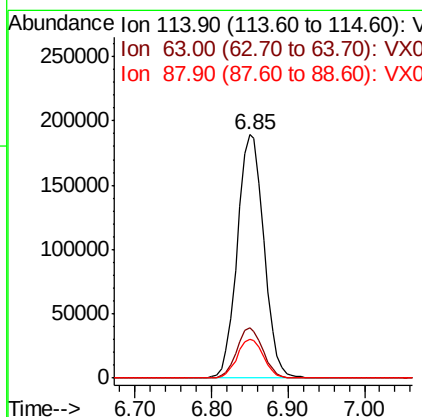
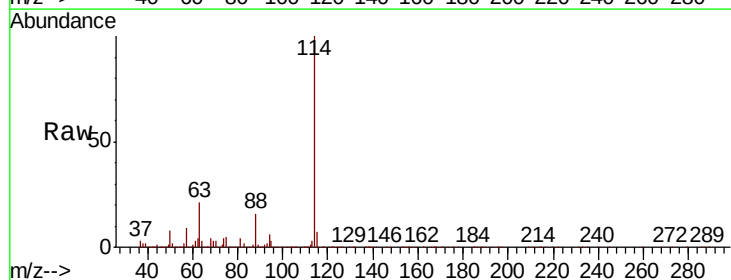
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

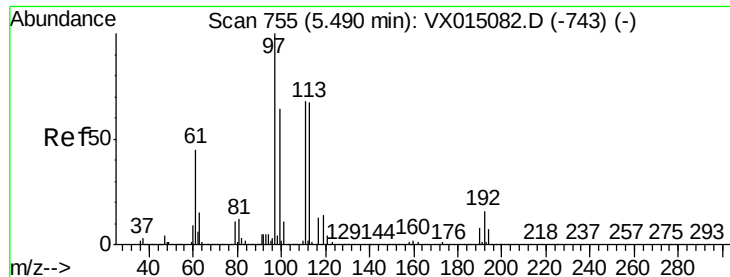
Tot Ion: 65 Resp: 163268
 Ion Ratio Lower Upper
 65 100
 67 53.9 0.0 105.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. -0.00 min
 Lab File: VX015307.D
 Acq: 16 Mar 2020 20:28

Tgt Ion: 114 Resp: 455783
 Ion Ratio Lower Upper
 114 100
 63 20.9 0.0 40.0
 88 16.1 0.0 30.6

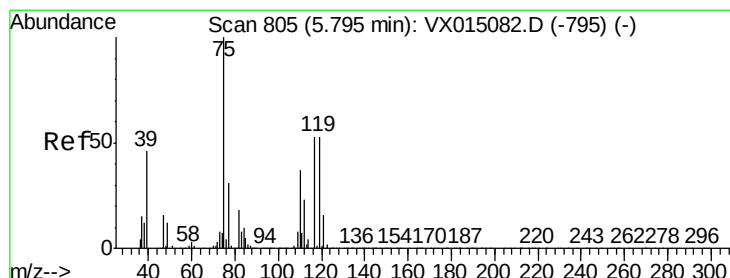
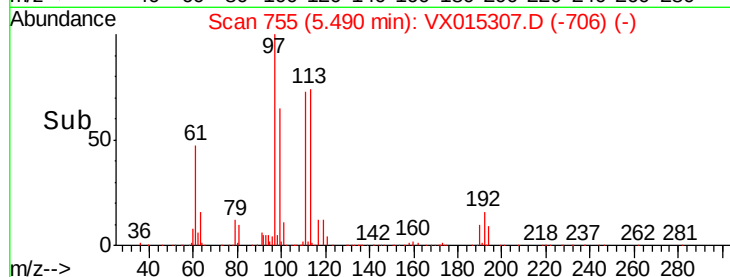
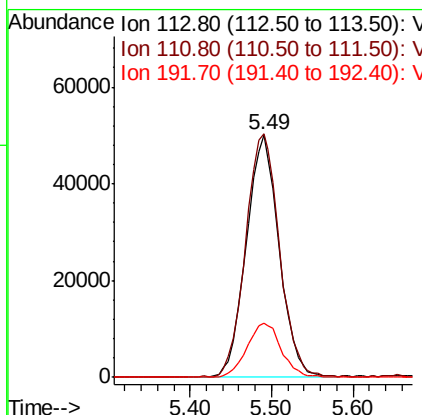
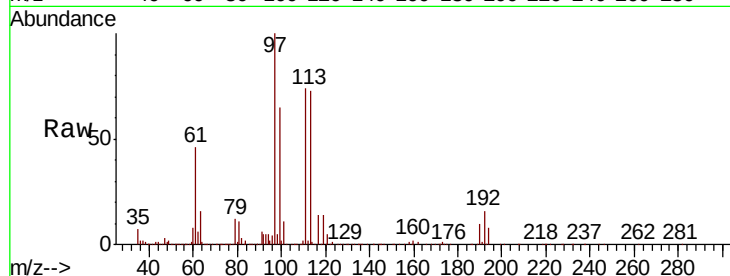




#35
 Dibromofluoromethane
 Concen: 48.727 ug/l
 RT: 5.49 min Scan# 755
 Delta R.T. -0.00 min
 Lab File: VX015307.D
 Acq: 16 Mar 2020 20:28

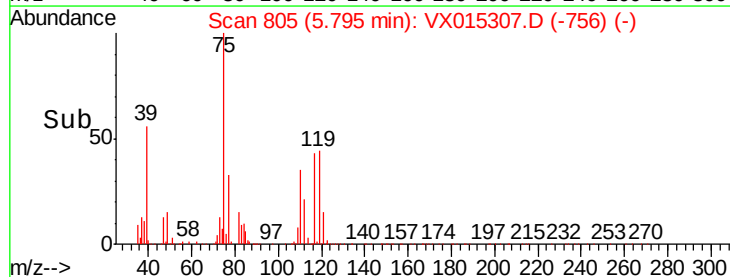
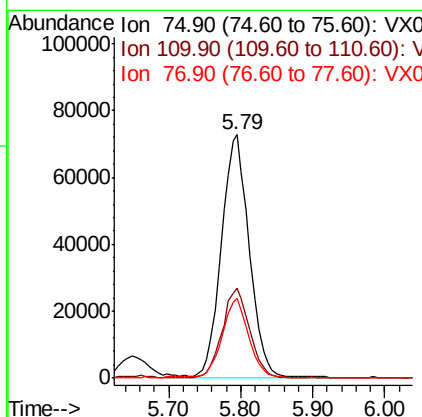
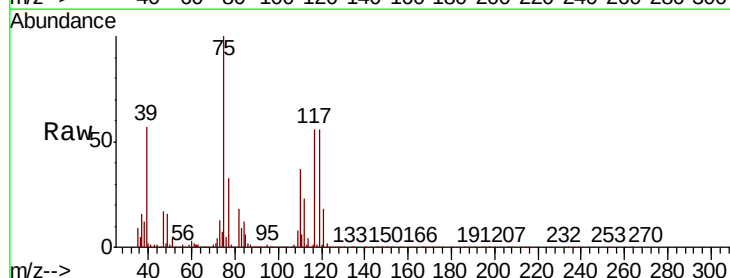
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

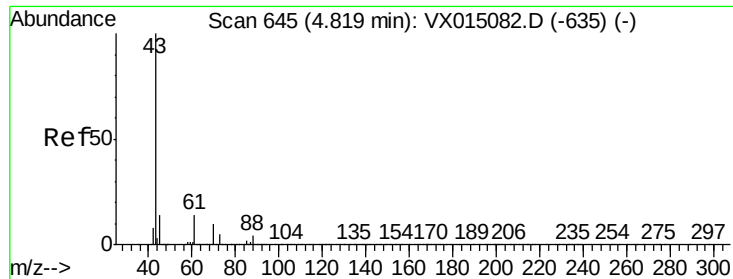
Tot Ion	Ratio	Lower	Upper
113	100		
111	103.5	82.6	123.8
192	23.5	18.6	28.0



#36
 1,1-Dichloropropene
 Concen: 46.408 ug/l
 RT: 5.79 min Scan# 805
 Delta R.T. -0.00 min
 Lab File: VX015307.D
 Acq: 16 Mar 2020 20:28

Tgt Ion	Ratio	Lower	Upper
75	100		
110	36.5	17.9	53.8
77	30.5	24.8	37.2

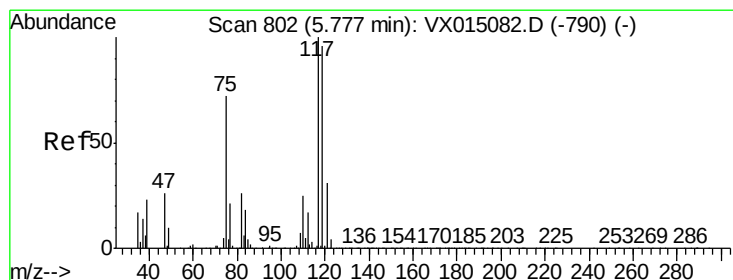
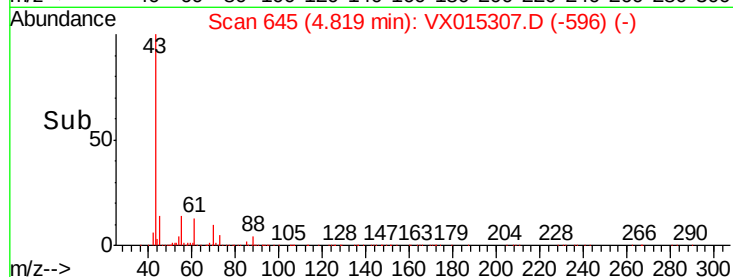
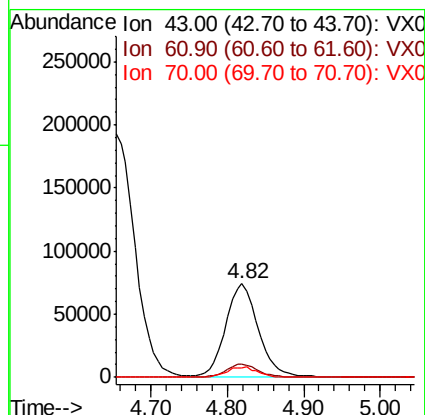
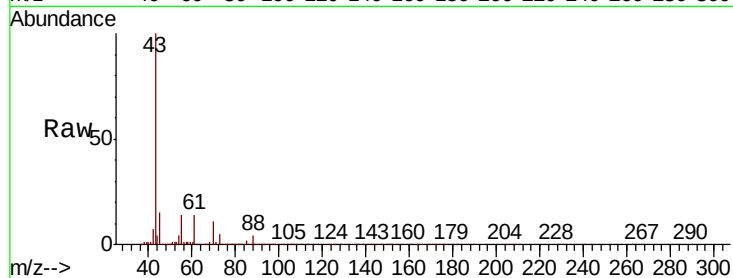




#37
Ethyl Acetate
Concen: 55.214 ug/l
RT: 4.82 min Scan# 645
Delta R.T. -0.00 min
Lab File: VX015307.D
Acq: 16 Mar 2020 20:28

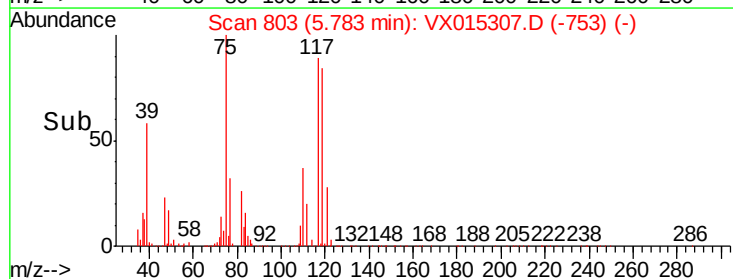
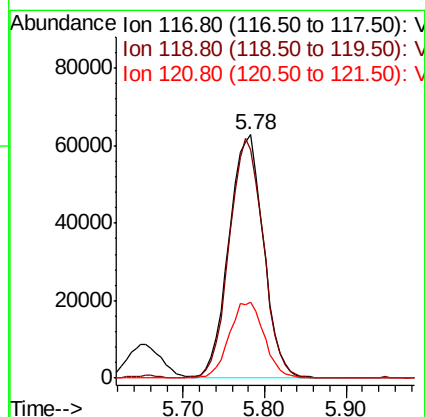
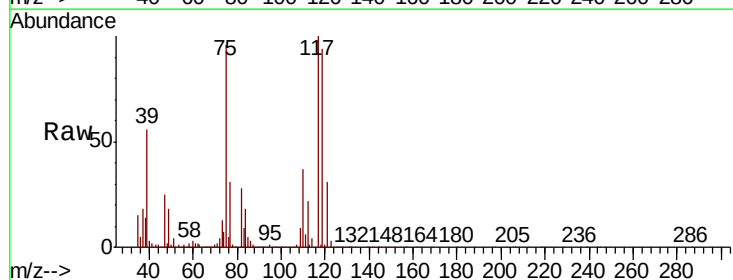
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

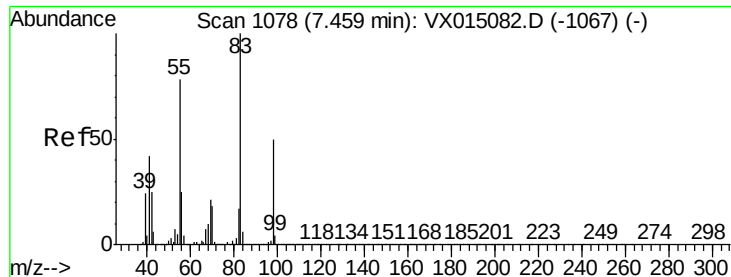
Tot Ion:	43	Resp:	215804
Ion	Ratio	Lower	Upper
43	100		
61	13.8	11.0	16.4
70	10.8	8.1	12.1



#38
Carbon Tetrachloride
Concen: 46.122 ug/l
RT: 5.78 min Scan# 803
Delta R.T. 0.01 min
Lab File: VX015307.D
Acq: 16 Mar 2020 20:28

Tgt Ion:	117	Resp:	183439
Ion	Ratio	Lower	Upper
117	100		
119	94.0	76.9	115.3
121	31.4	24.6	37.0

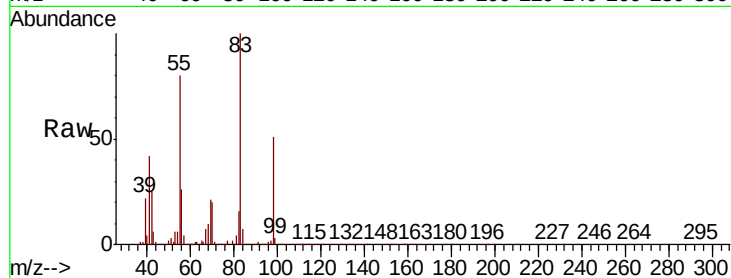




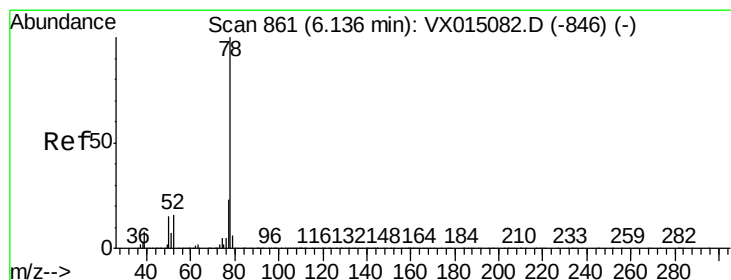
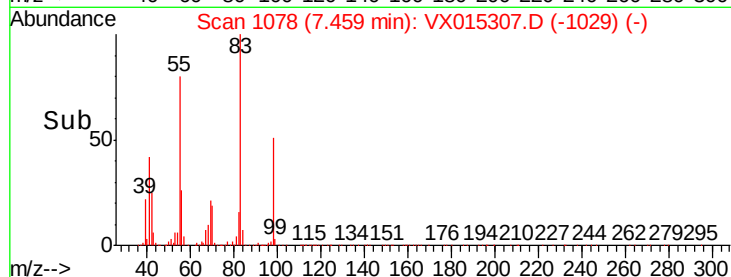
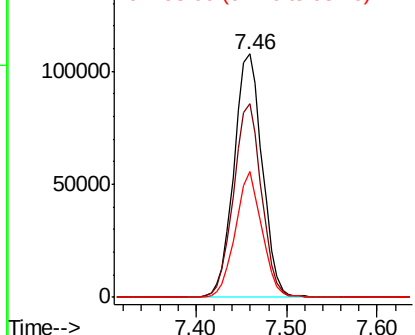
#39
Methylvlcyclohexane
Concen: 47.458 ug/l
RT: 7.46 min Scan# 1078
Delta R.T. -0.00 min
Lab File: VX015307.D
Acq: 16 Mar 2020 20:28

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 83 Resp: 233497
Ion Ratio Lower Upper
83 100
55 79.7 62.4 93.6
98 51.4 39.7 59.5

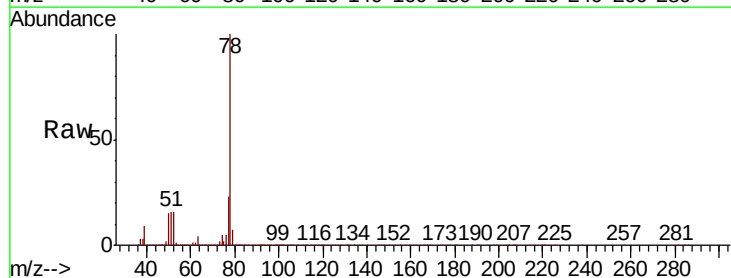


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

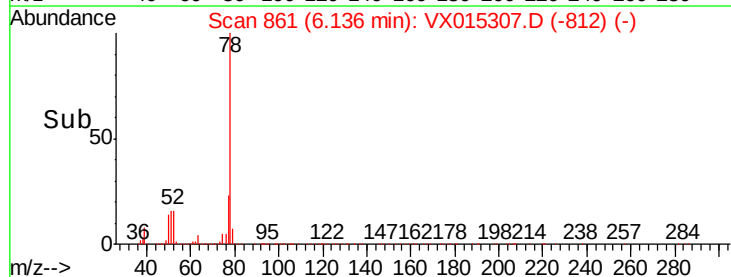
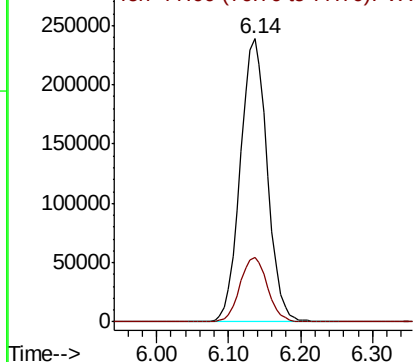


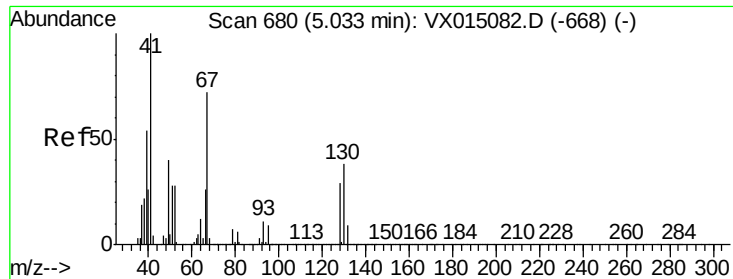
#40
Benzene
Concen: 49.557 ug/l
RT: 6.14 min Scan# 861
Delta R.T. -0.00 min
Lab File: VX015307.D
Acq: 16 Mar 2020 20:28

Tgt Ion: 78 Resp: 619509
Ion Ratio Lower Upper
78 100
77 23.0 18.6 28.0



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

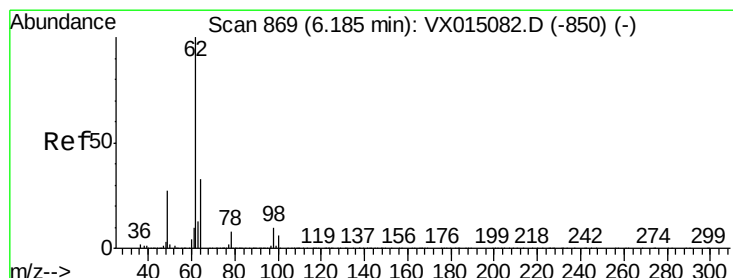
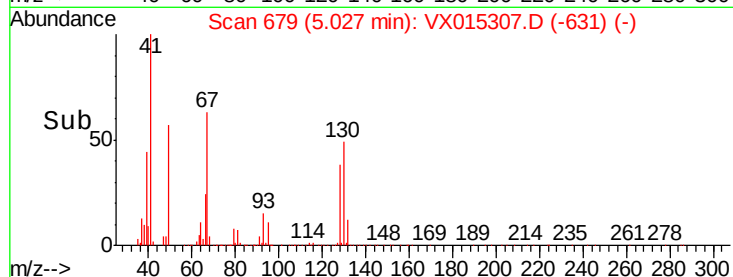
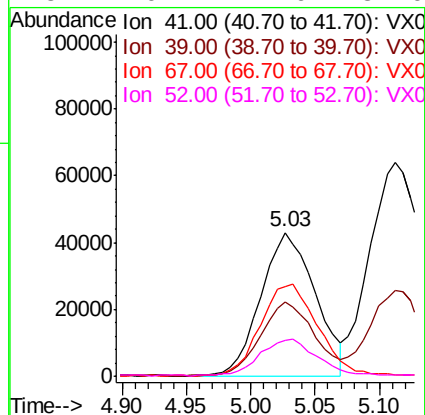
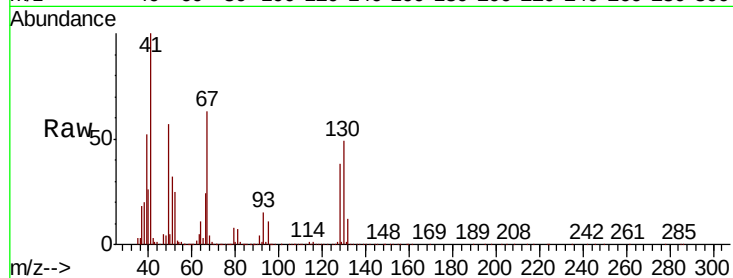




#41
Methacrylonitrile
Concen: 53.906 ug/l
RT: 5.03 min Scan# 679
Delta R.T. -0.01 min
Lab File: VX015307.D
Acq: 16 Mar 2020 20:28

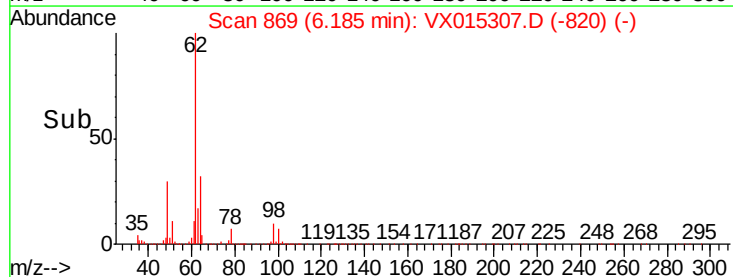
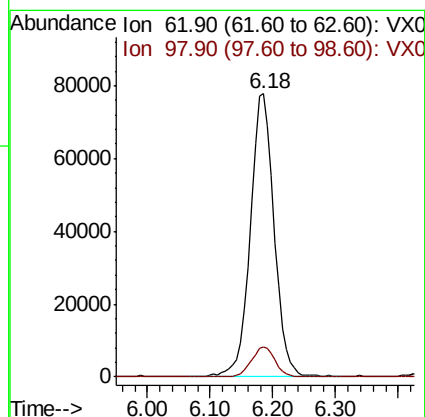
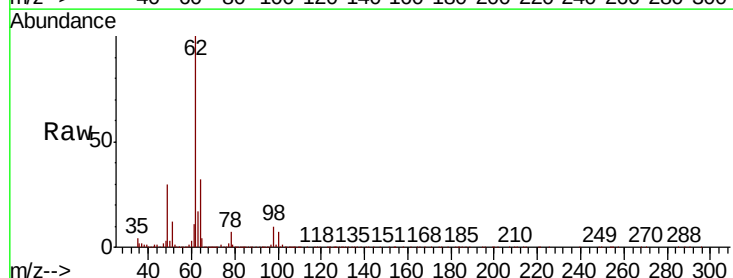
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

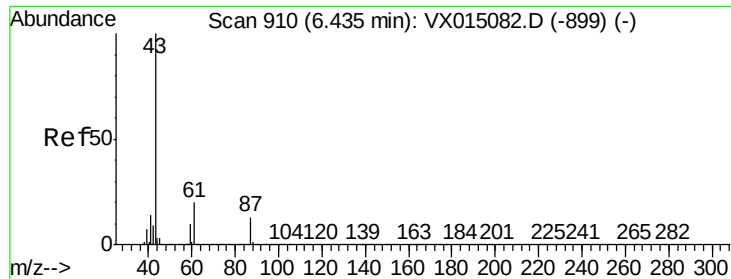
Tot Ion:	41	Resp:	126553
Ion	Ratio	Lower	Upper
41	100		
39	51.5	43.9	65.9
67	67.1	57.8	86.8
52	26.1	22.6	34.0



#42
1,2-Dichloroethane
Concen: 47.647 ug/l
RT: 6.18 min Scan# 869
Delta R.T. -0.00 min
Lab File: VX015307.D
Acq: 16 Mar 2020 20:28

Tgt Ion:	62	Resp:	204547
Ion	Ratio	Lower	Upper
62	100		
98	10.5	0.0	20.6





#43

Isopropyl Acetate

Concen: 51.337 ug/l

RT: 6.43 min Scan# 910

Delta R.T. -0.00 min

Lab File: VX015307.D

Acq: 16 Mar 2020 20:28

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

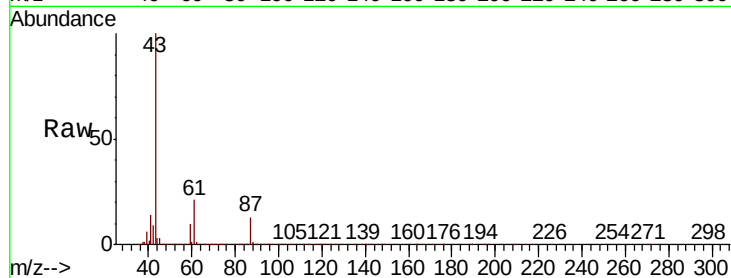
Tot Ion: 43 Resp: 352982

Ion Ratio Lower Upper

43 100

61 21.0 16.1 24.1

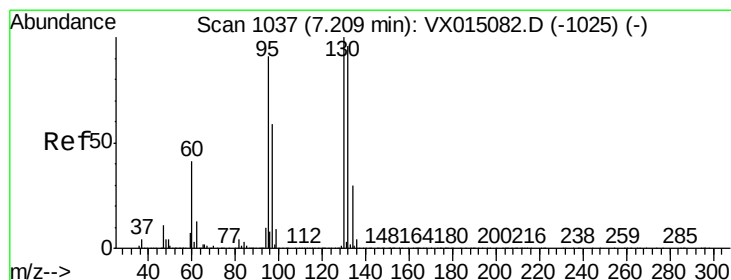
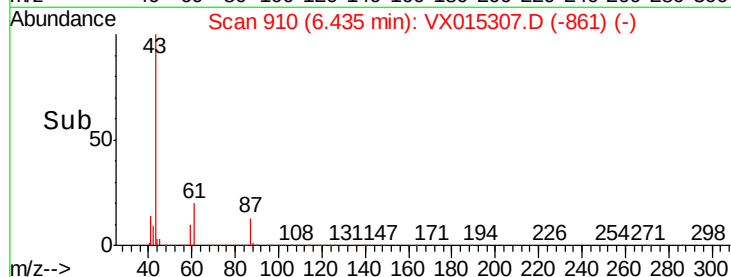
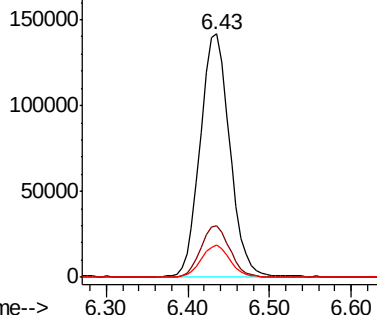
87 12.9 10.6 16.0



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: 48.940 ug/l

RT: 7.21 min Scan# 1037

Delta R.T. -0.00 min

Lab File: VX015307.D

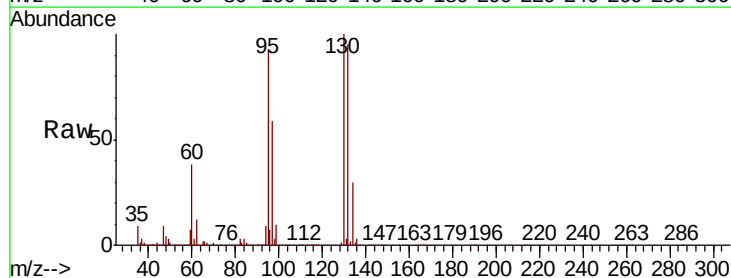
Acq: 16 Mar 2020 20:28

Tgt Ion: 130 Resp: 170380

Ion Ratio Lower Upper

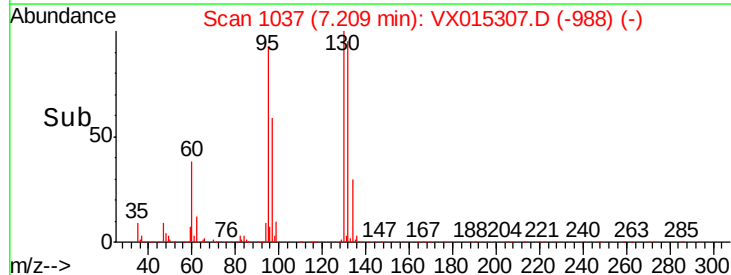
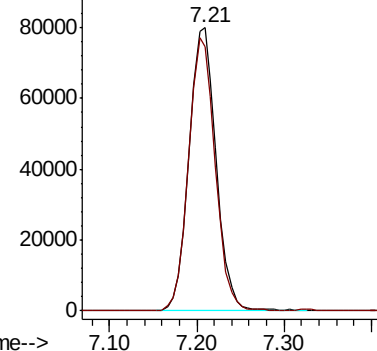
130 100

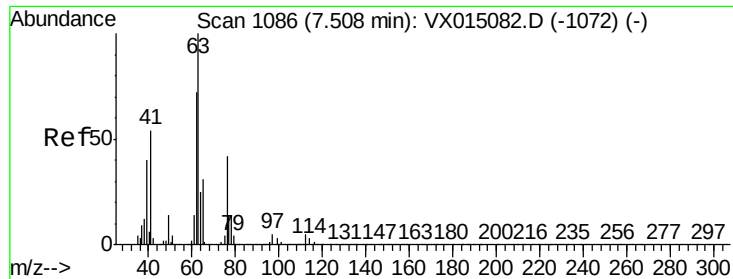
95 93.2 0.0 181.2



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

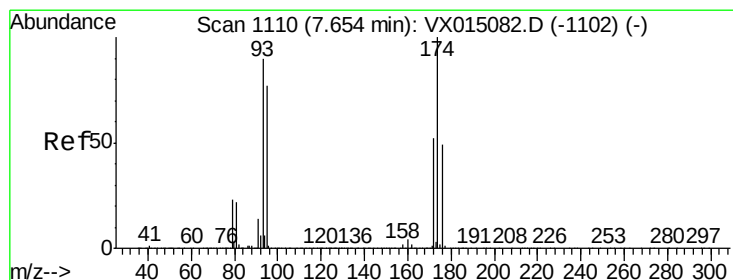
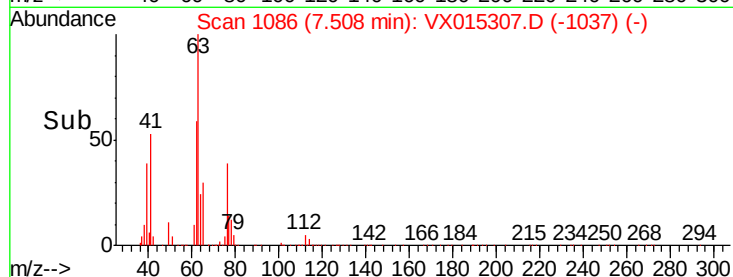
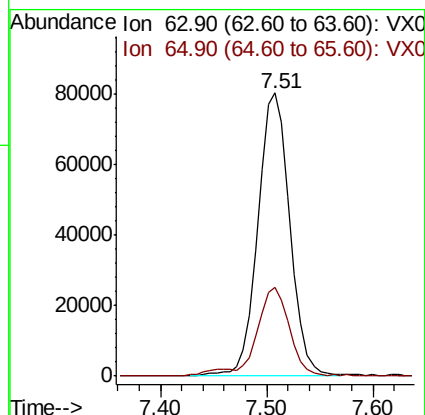
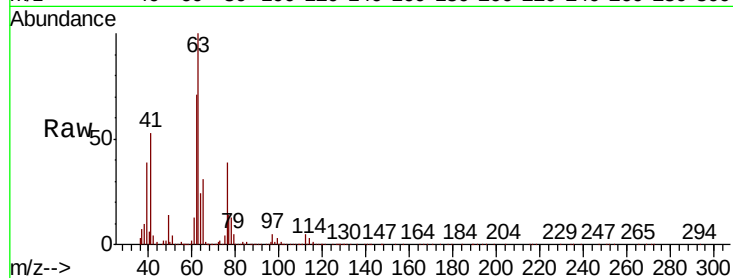




#45
 1,2-Dichloropropane
 Concen: 51.498 ug/l
 RT: 7.51 min Scan# 1086
 Delta R.T. -0.00 min
 Lab File: VX015307.D
 Acq: 16 Mar 2020 20:28

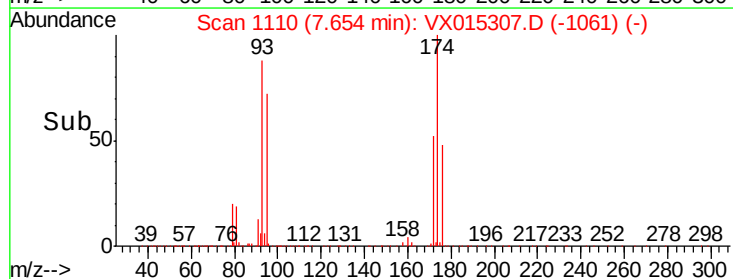
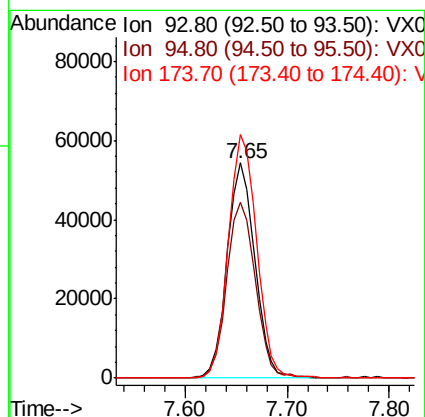
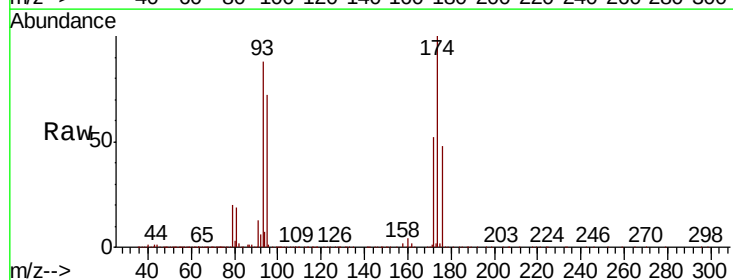
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

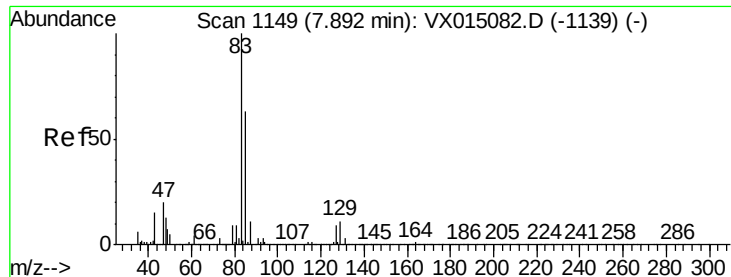
Tot Ion: 63 Resp: 166633
 Ion Ratio Lower Upper
 63 100
 65 31.2 24.6 36.8



#46
 Dibromomethane
 Concen: 48.274 ug/l
 RT: 7.65 min Scan# 1110
 Delta R.T. -0.00 min
 Lab File: VX015307.D
 Acq: 16 Mar 2020 20:28

Tgt Ion: 93 Resp: 101780
 Ion Ratio Lower Upper
 93 100
 95 84.6 67.8 101.8
 174 116.2 91.0 136.4





#47

Bromodichloromethane

Concen: 49.898 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. -0.00 min

Lab File: VX015307.D

Acq: 16 Mar 2020 20:28

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

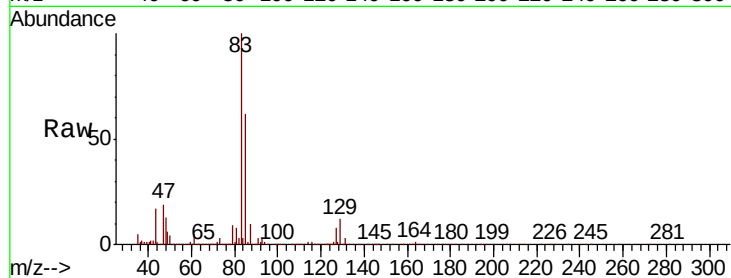
Tot Ion: 83 Resp: 208041

Ion Ratio Lower Upper

83 100

85 61.6 50.6 75.8

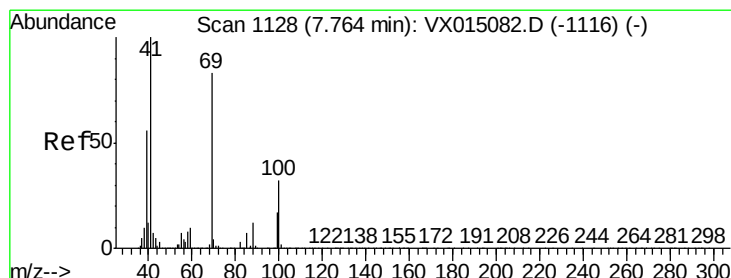
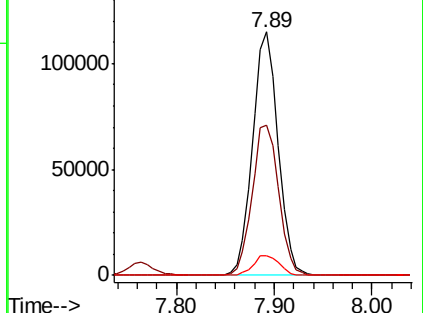
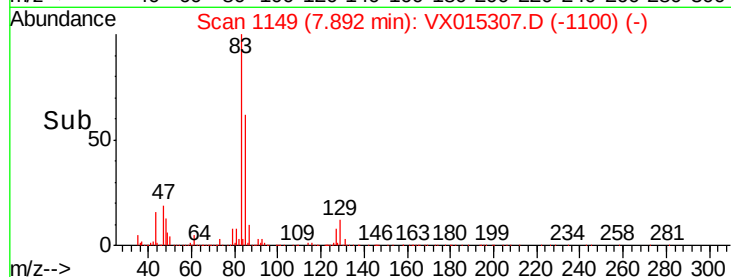
127 8.1 7.1 10.7



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: 50.847 ug/l

RT: 7.76 min Scan# 1128

Delta R.T. -0.00 min

Lab File: VX015307.D

Acq: 16 Mar 2020 20:28

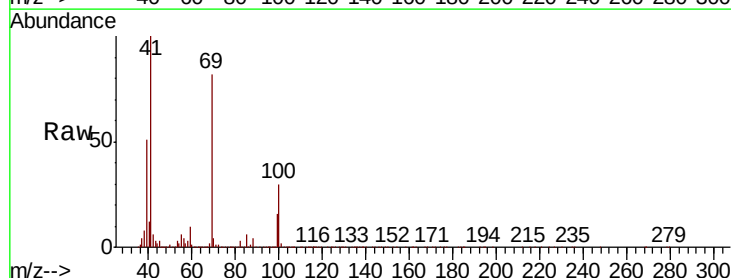
Tgt Ion: 41 Resp: 177939

Ion Ratio Lower Upper

41 100

69 81.3 65.4 98.2

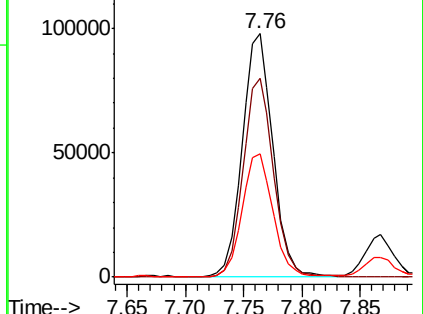
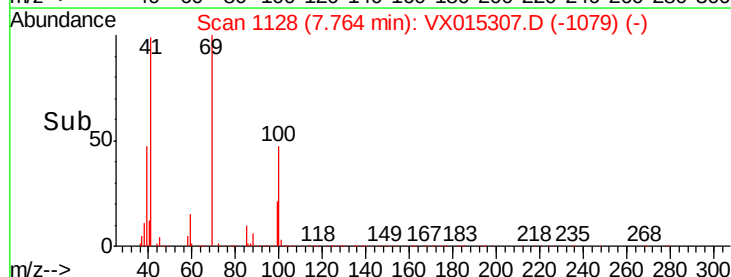
39 51.0 44.6 67.0

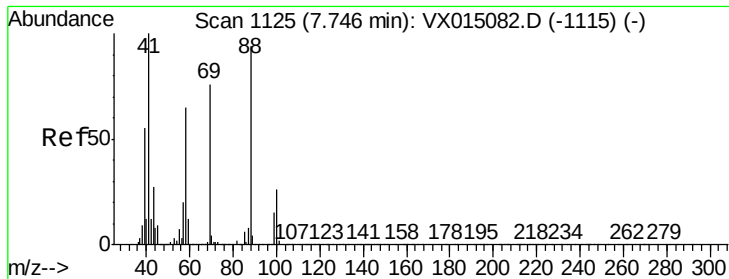


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

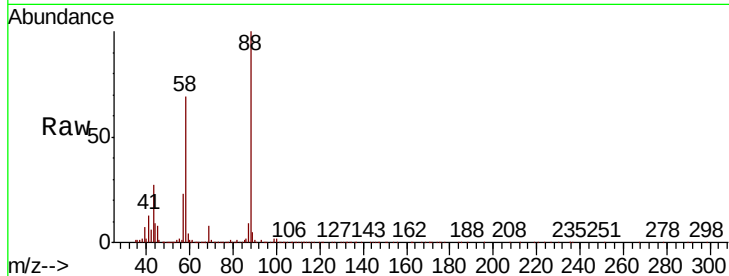




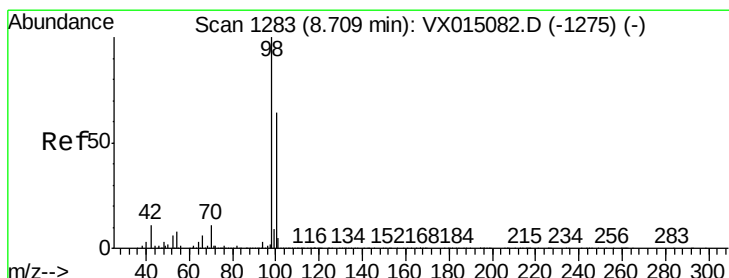
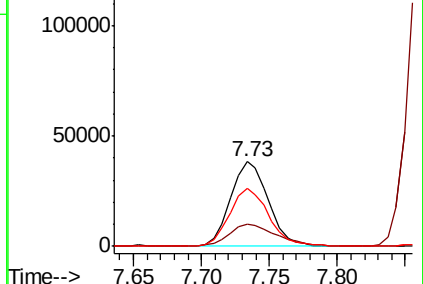
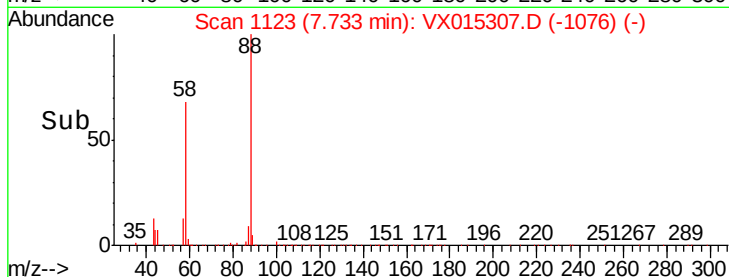
#49
1,4-Dioxane
Concen: 973.862 ug/l
RT: 7.73 min Scan# 1123
Delta R.T. -0.01 min
Lab File: VX015307.D
Acq: 16 Mar 2020 20:28

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 88 Resp: 73686
Ion Ratio Lower Upper
88 100
43 32.0 27.0 40.4
58 72.4 55.6 83.4

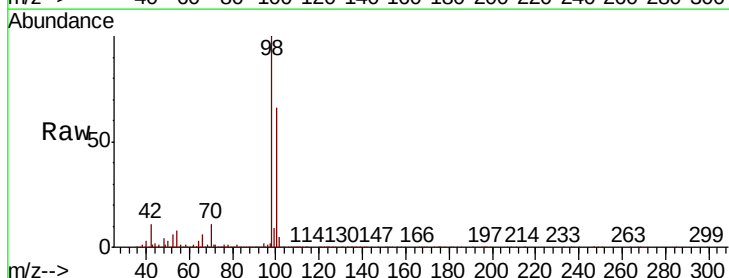


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

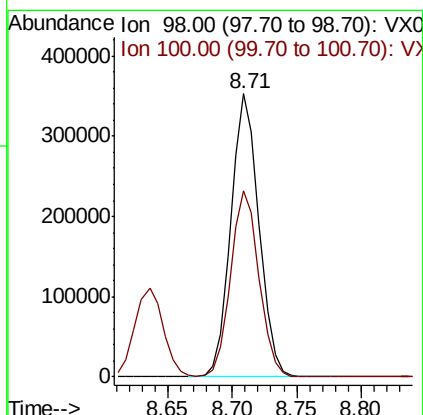
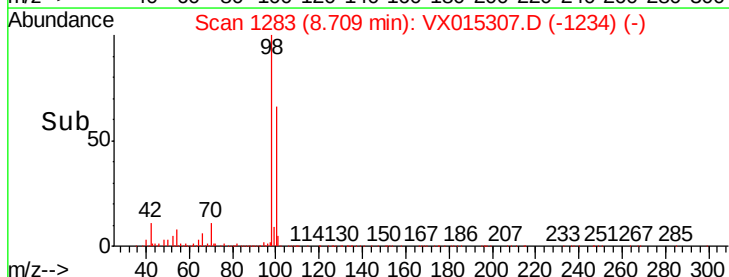


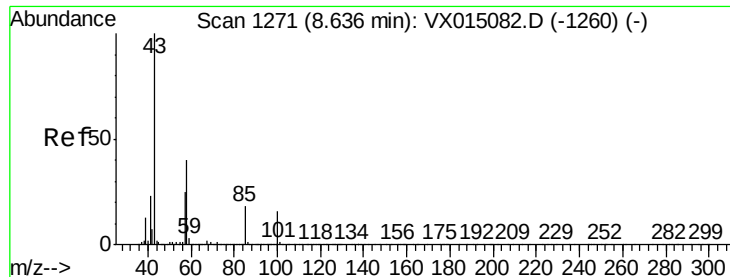
#50
Toluene-d8
Concen: 48.976 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. -0.00 min
Lab File: VX015307.D
Acq: 16 Mar 2020 20:28

Tgt Ion: 98 Resp: 535681
Ion Ratio Lower Upper
98 100
100 66.5 52.4 78.6



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

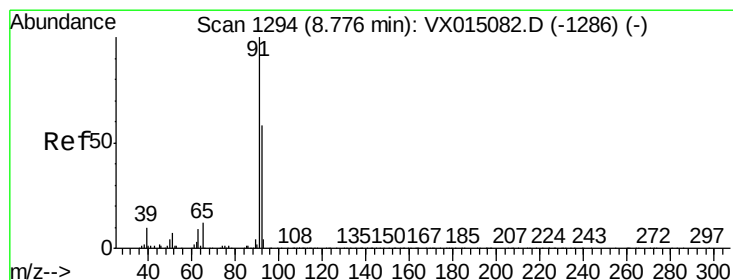
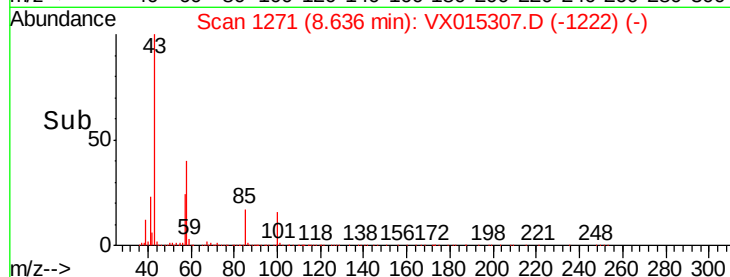
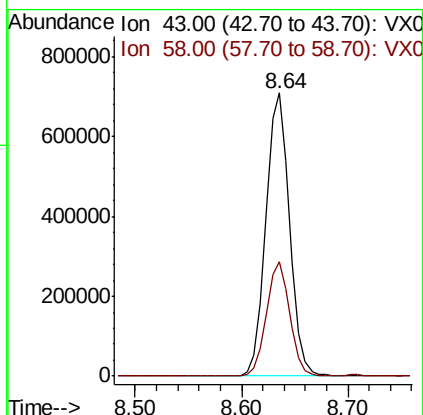
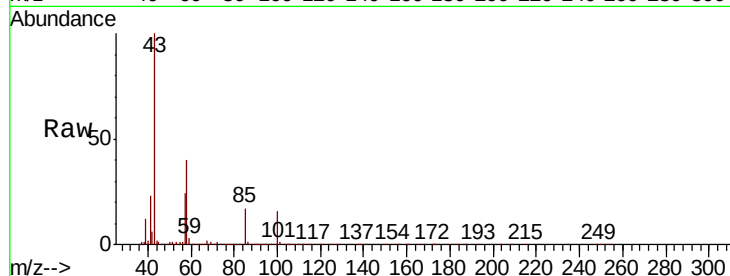




#51
4-Methyl-2-Pentanone
Concen: 270.837 ug/l
RT: 8.64 min Scan# 1271
Delta R.T. -0.00 min
Lab File: VX015307.D
Acq: 16 Mar 2020 20:28

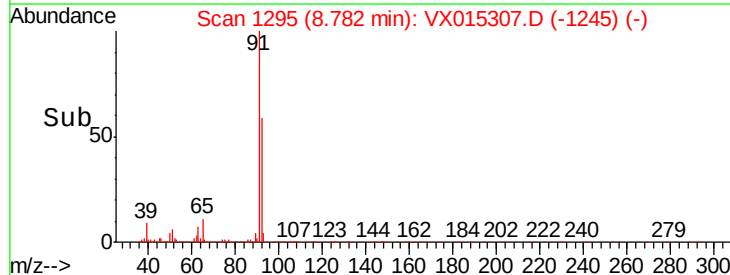
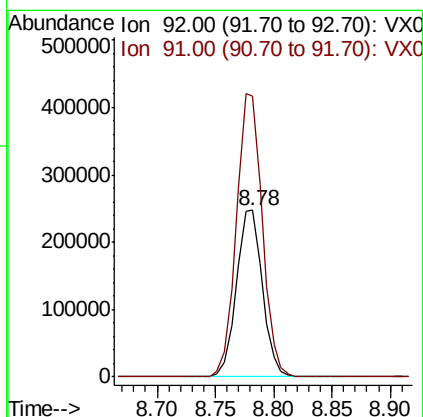
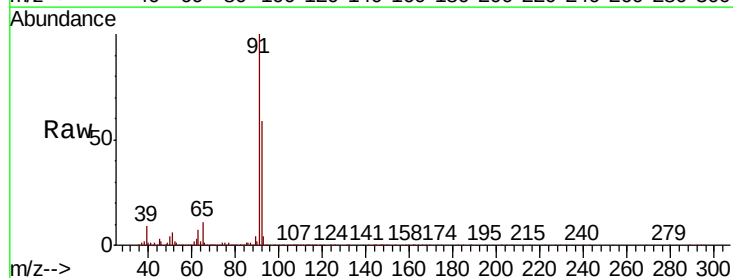
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

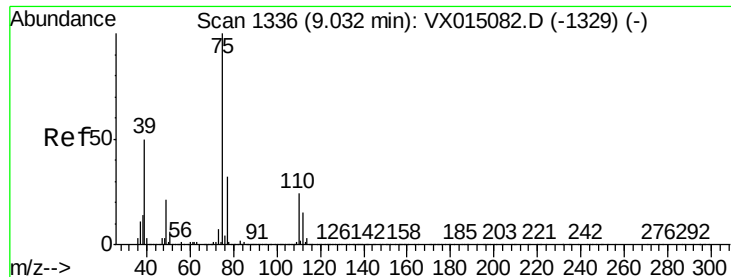
Tot Ion: 43 Resp: 1101050
Ion Ratio Lower Upper
43 100
58 39.7 31.6 47.4



#52
Toluene
Concen: 50.163 ug/l
RT: 8.78 min Scan# 1295
Delta R.T. 0.01 min
Lab File: VX015307.D
Acq: 16 Mar 2020 20:28

Tgt Ion: 92 Resp: 383421
Ion Ratio Lower Upper
92 100
91 170.3 136.9 205.3

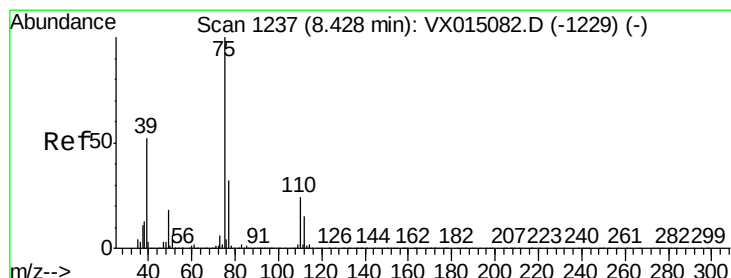
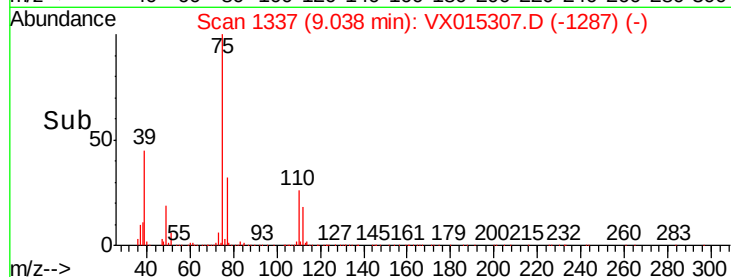
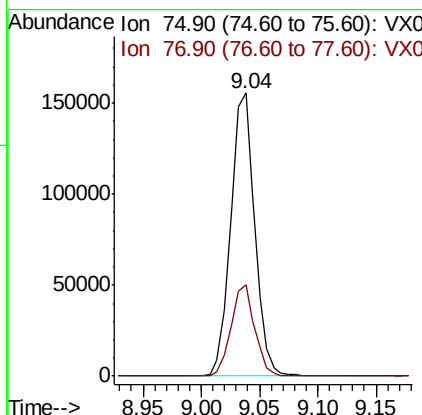
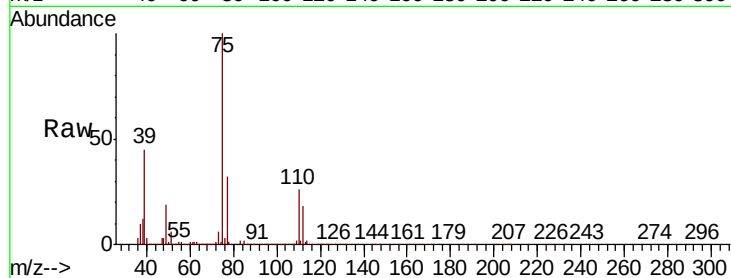




#53
t-1,3-Dichloropropene
Concen: 50.299 ug/l
RT: 9.04 min Scan# 1337
Delta R.T. 0.01 min
Lab File: VX015307.D
Acq: 16 Mar 2020 20:28

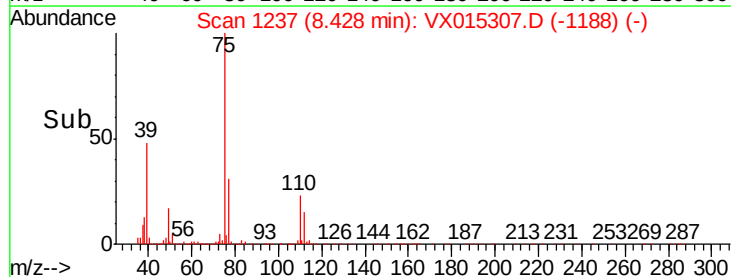
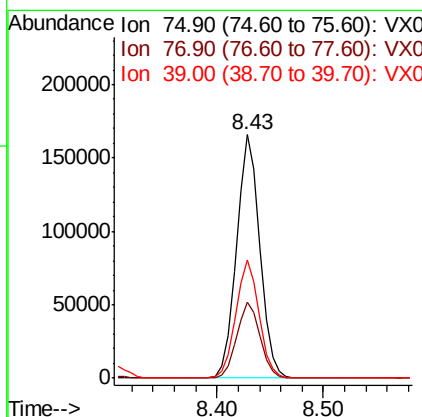
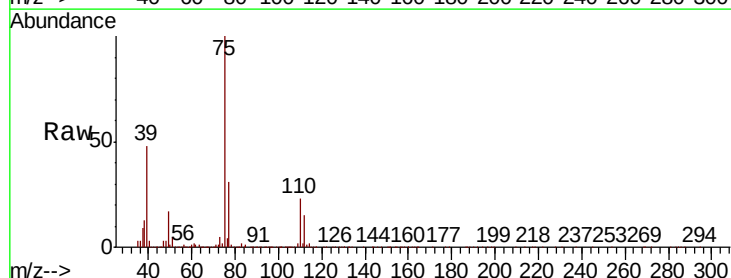
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

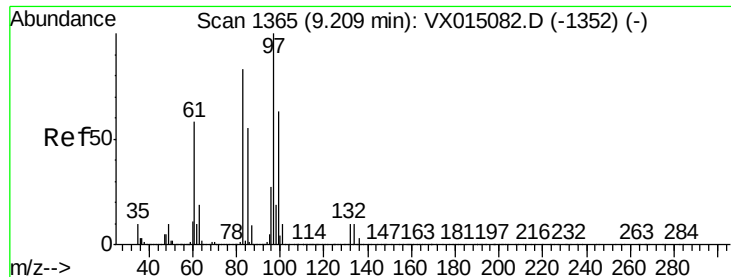
Tot Ion: 75 Resp: 223216
Ion Ratio Lower Upper
75 100
77 32.1 25.4 38.0



#54
cis-1,3-Dichloropropene
Concen: 50.638 ug/l
RT: 8.43 min Scan# 1237
Delta R.T. -0.00 min
Lab File: VX015307.D
Acq: 16 Mar 2020 20:28

Tgt Ion: 75 Resp: 254046
Ion Ratio Lower Upper
75 100
77 31.0 25.8 38.6
39 48.2 41.3 61.9





#55

1,1,2-Trichloroethane

Concen: 50.470 ug/l

RT: 9.21 min Scan# 1365

Delta R.T. -0.00 min

Lab File: VX015307.D

Acq: 16 Mar 2020 20:28

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 97 Resp: 158782

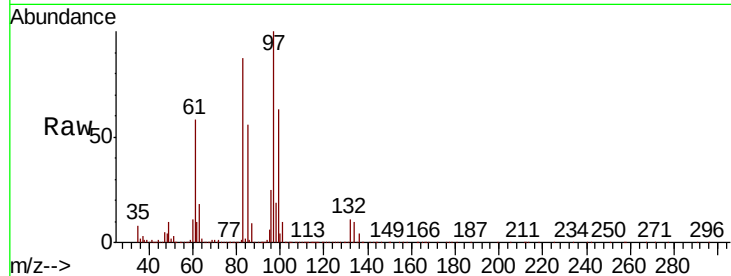
Ion Ratio Lower Upper

97 100

83 86.7 66.4 99.6

85 55.4 43.5 65.3

99 62.7 50.7 76.1

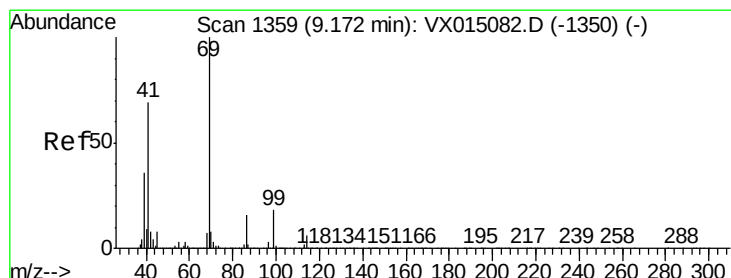
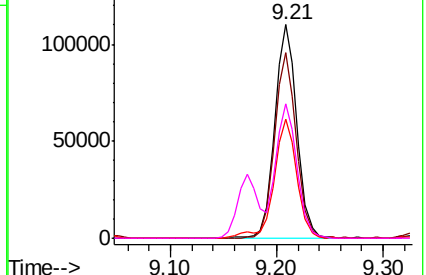
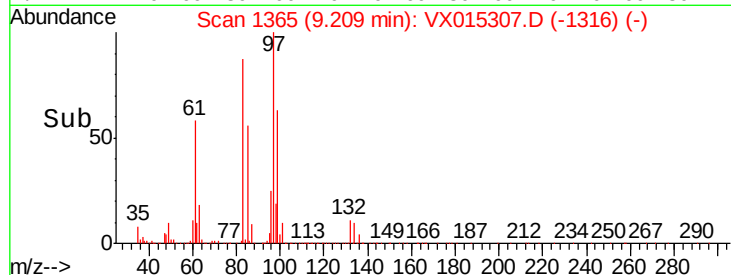


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0



#56

Ethyl methacrylate

Concen: 55.116 ug/l

RT: 9.17 min Scan# 1359

Delta R.T. -0.00 min

Lab File: VX015307.D

Acq: 16 Mar 2020 20:28

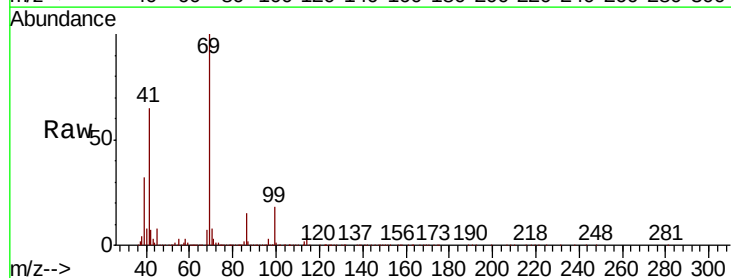
Tgt Ion: 69 Resp: 247328

Ion Ratio Lower Upper

69 100

41 66.7 55.8 83.8

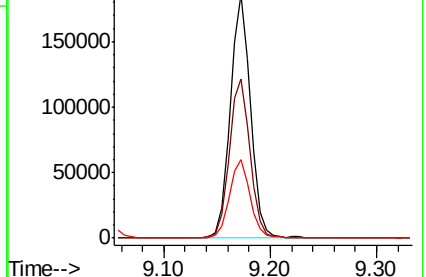
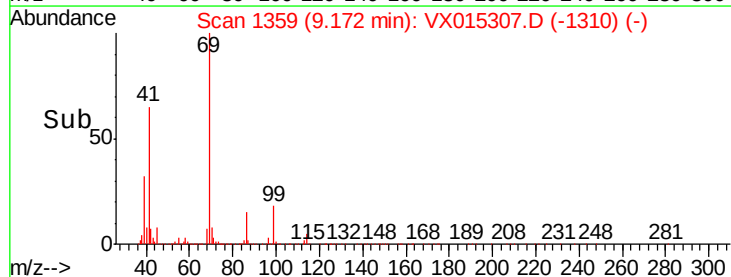
39 32.7 29.4 44.2

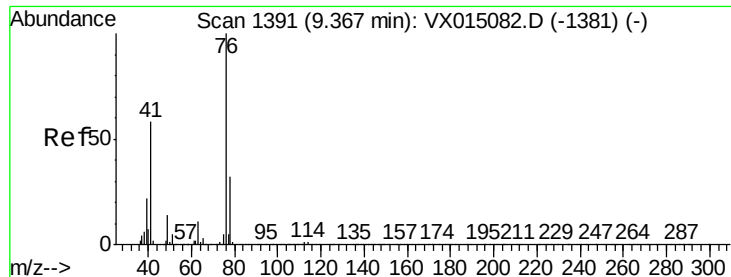


Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

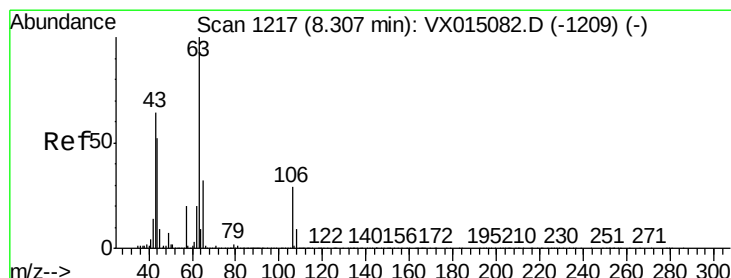
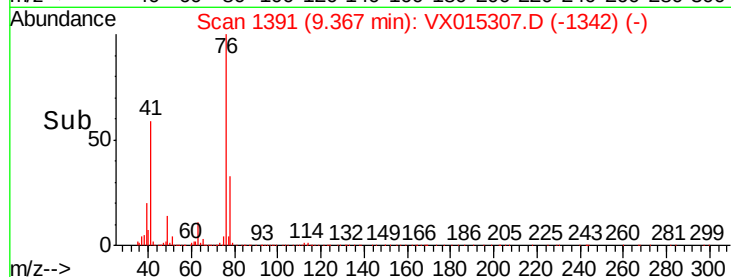
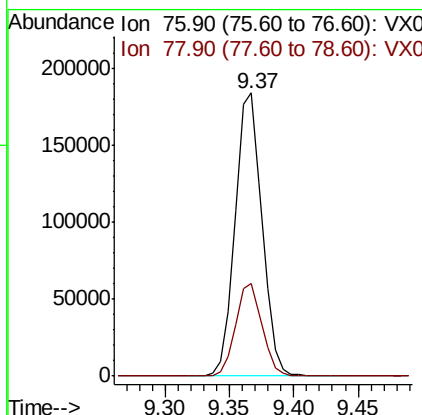
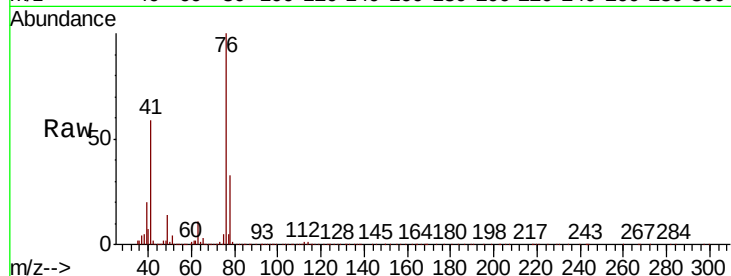




#57
 1,3-Dichloropropane
 Concen: 50.599 ug/l
 RT: 9.37 min Scan# 1391
 Delta R.T. -0.00 min
 Lab File: VX015307.D
 Acq: 16 Mar 2020 20:28

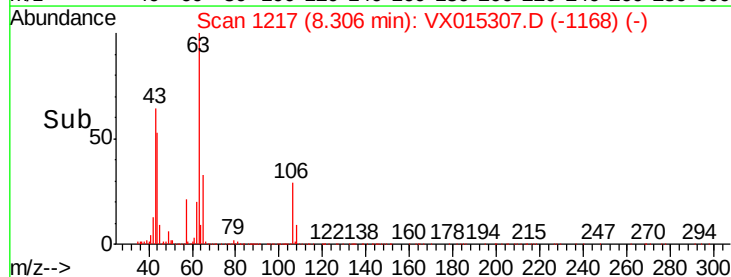
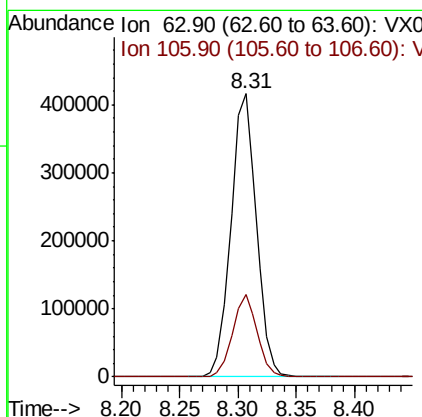
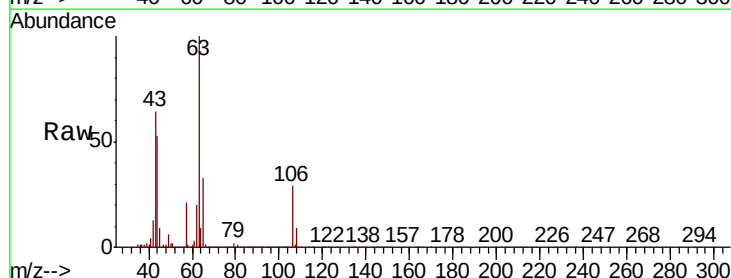
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

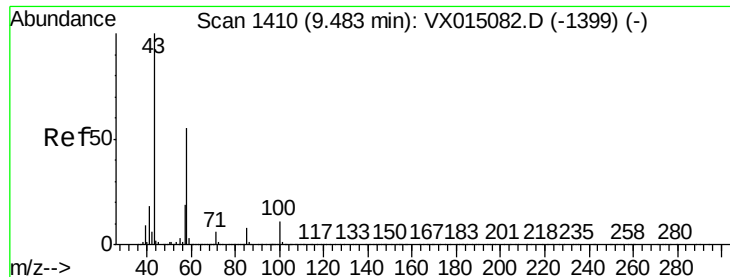
Tot Ion: 76 Resp: 267811
 Ion Ratio Lower Upper
 76 100
 78 32.2 25.6 38.4



#58
 2-Chloroethyl Vinyl ether
 Concen: 259.626 ug/l
 RT: 8.31 min Scan# 1217
 Delta R.T. -0.00 min
 Lab File: VX015307.D
 Acq: 16 Mar 2020 20:28

Tgt Ion: 63 Resp: 634692
 Ion Ratio Lower Upper
 63 100
 106 28.0 22.8 34.2

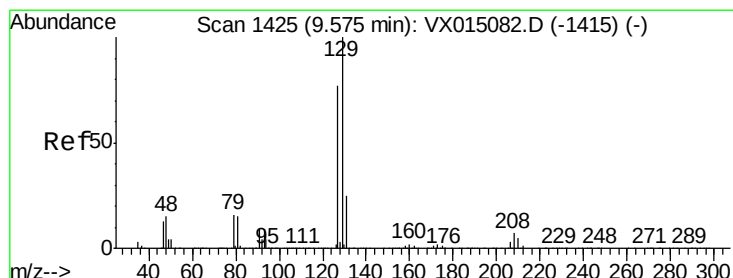
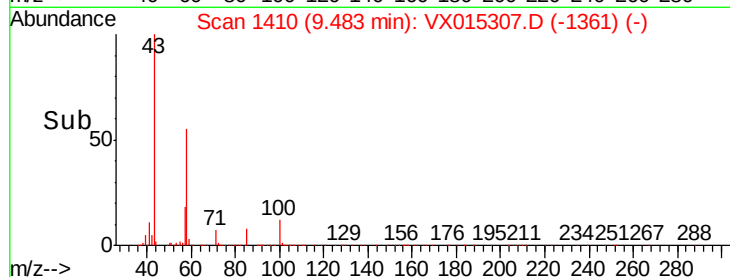
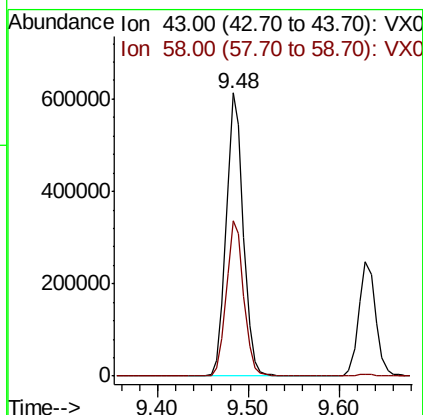
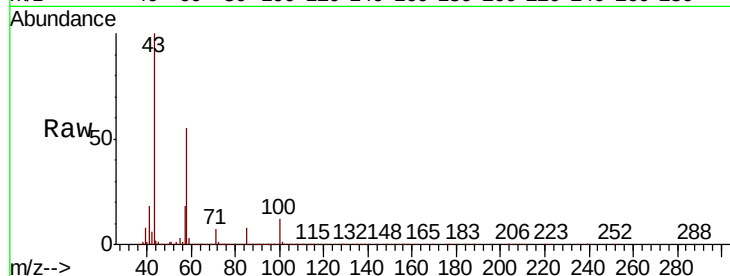




#59
2-Hexanone
Concen: 271.782 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. -0.00 min
Lab File: VX015307.D
Acq: 16 Mar 2020 20:28

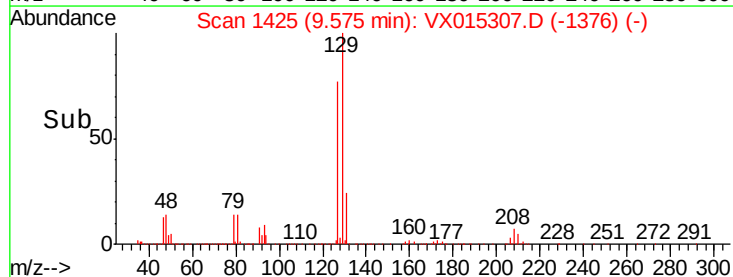
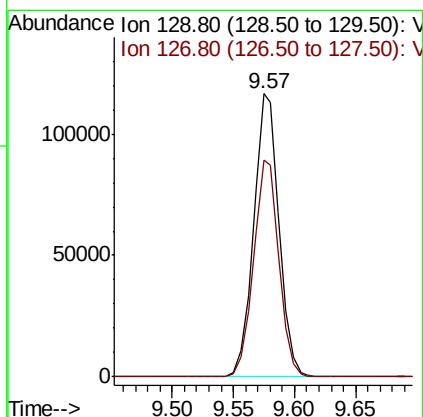
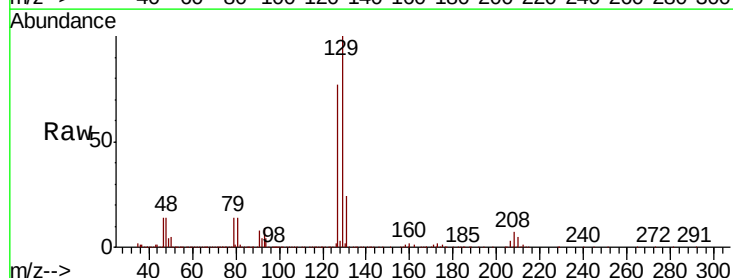
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

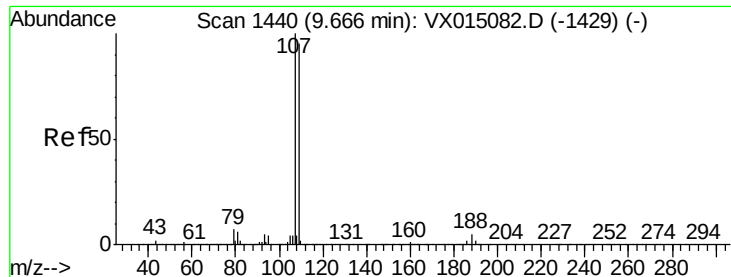
Tot Ion: 43 Resp: 818930
Ion Ratio Lower Upper
43 100
58 55.8 27.3 81.8



#60
Dibromochloromethane
Concen: 51.028 ug/l
RT: 9.57 min Scan# 1425
Delta R.T. -0.00 min
Lab File: VX015307.D
Acq: 16 Mar 2020 20:28

Tgt Ion: 129 Resp: 168636
Ion Ratio Lower Upper
129 100
127 76.6 38.8 116.3





#61

1,2-Dibromoethane

Concen: 49.522 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. -0.00 min

Lab File: VX015307.D

Acq: 16 Mar 2020 20:28

Instrument :

MSVOA_X

ClientSampleId :

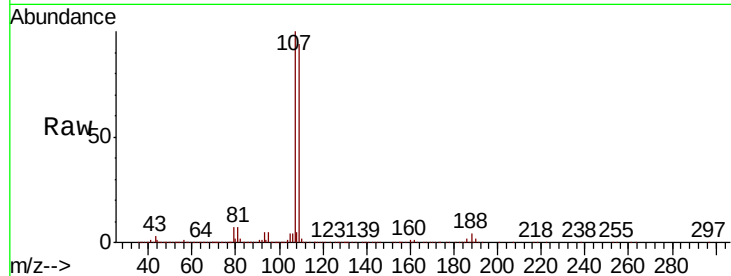
VSTDCCC050EC

Tot Ion:107 Resp: 163641

Ion Ratio Lower Upper

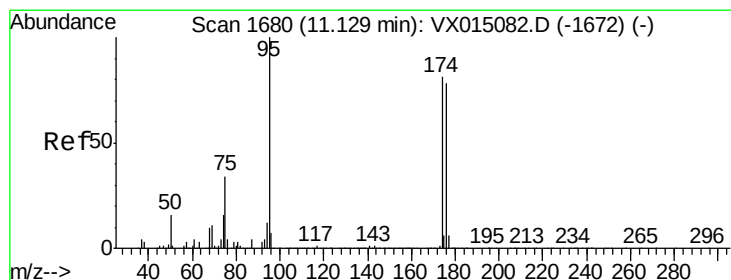
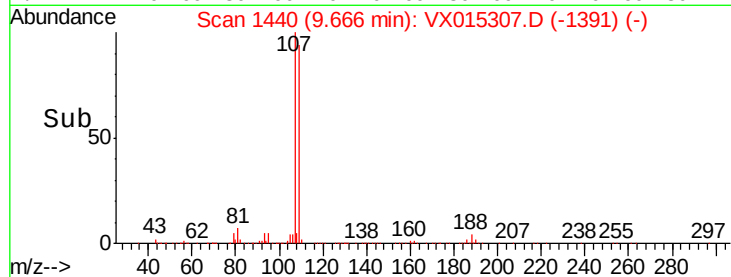
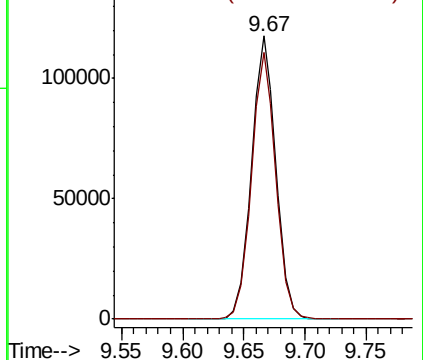
107 100

109 94.0 75.6 113.4



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 51.267 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.00 min

Lab File: VX015307.D

Acq: 16 Mar 2020 20:28

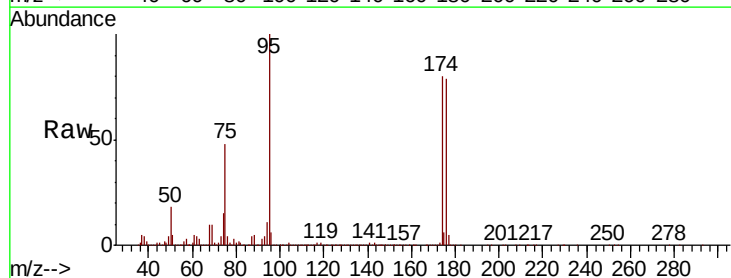
Tgt Ion: 95 Resp: 200010

Ion Ratio Lower Upper

95 100

174 88.8 0.0 177.6

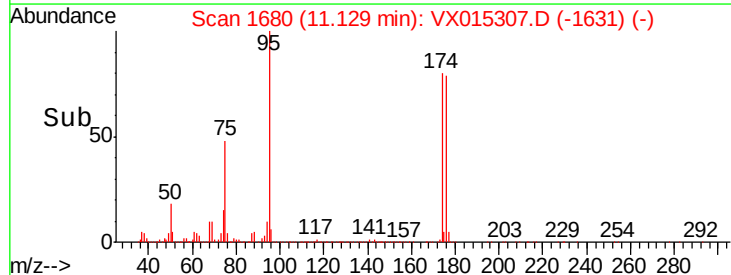
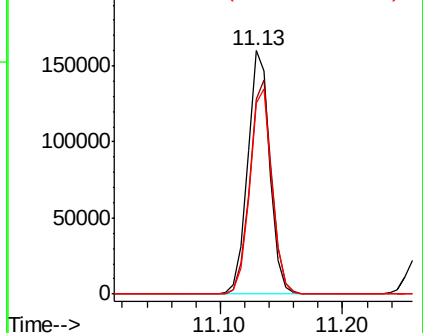
176 85.5 0.0 170.2

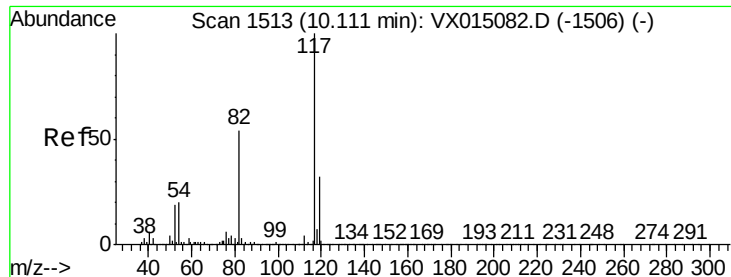


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

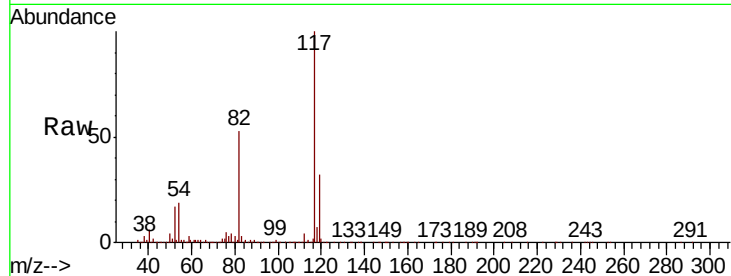




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VX015307.D
Acq: 16 Mar 2020 20:28

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
117	100		
82	53.3	43.3	64.9
119	32.0	25.8	38.8

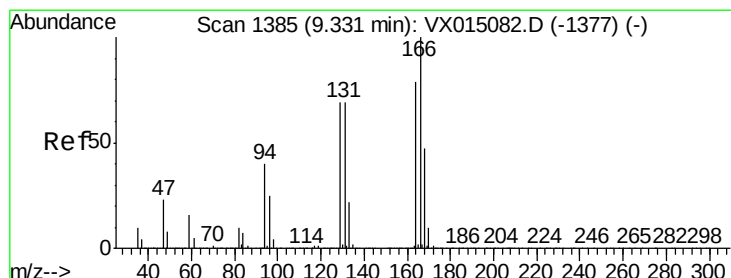
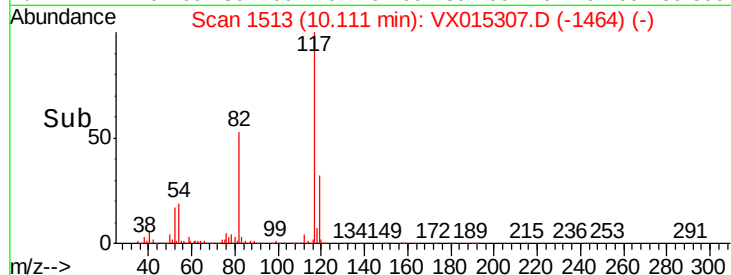
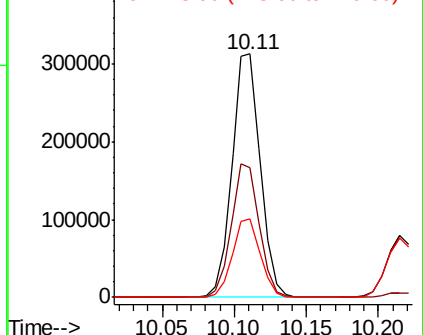


Abundance

Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V



#64
Tetrachloroethene
Concen: 48.116 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VX015307.D
Acq: 16 Mar 2020 20:28

Tgt Ion	Ratio	Lower	Upper
164	100		
166	123.5	101.1	151.7
129	86.9	69.4	104.0
131	83.8	69.8	104.8

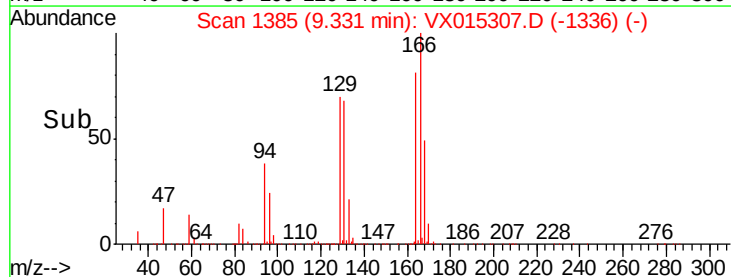
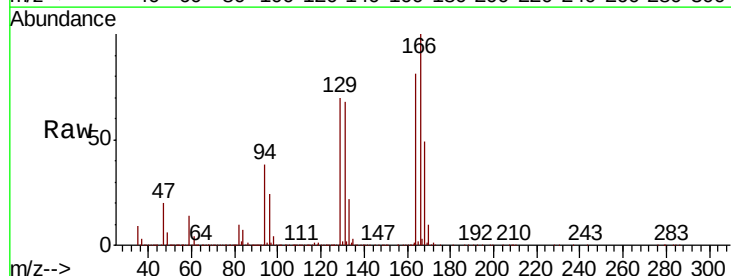
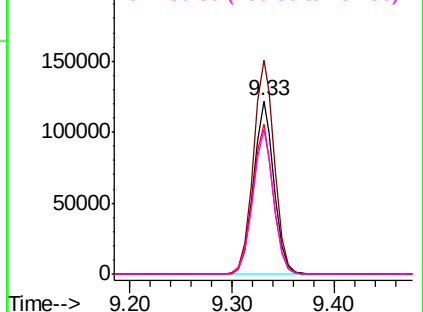
Abundance

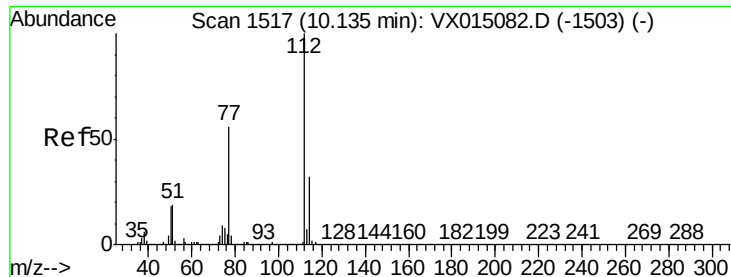
Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V





#65

Chlorobenzene

Concen: 48.113 ug/l

RT: 10.14 min Scan# 1517

Delta R.T. -0.00 min

Lab File: VX015307.D

Acq: 16 Mar 2020 20:28

Instrument :

MSVOA_X

ClientSampleId :

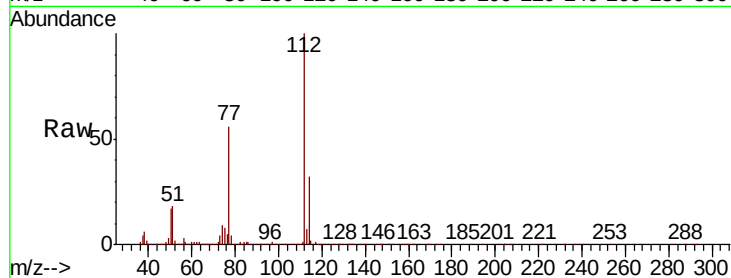
VSTDCCC050EC

Tot Ion:112 Resp: 414842

Ion Ratio Lower Upper

112 100

114 32.3 25.5 38.3



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V

10.14

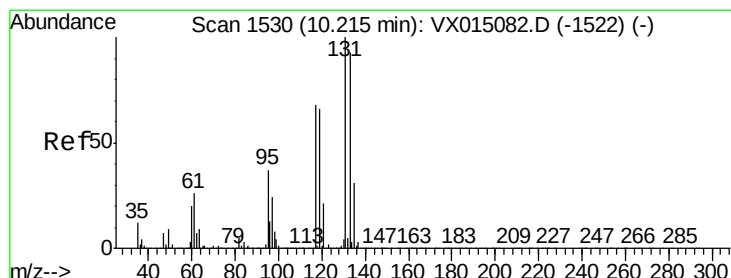
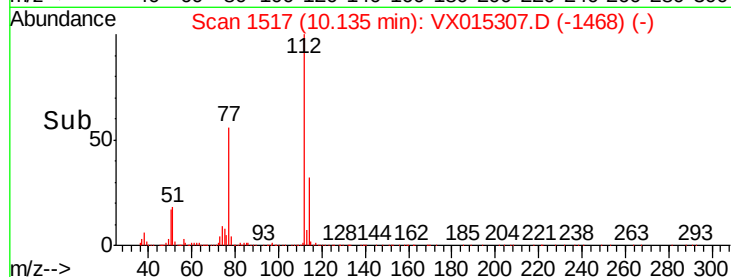
300000

200000

100000

0

Time-->



#66

1,1,1,2-Tetrachloroethane

Concen: 47.562 ug/l

RT: 10.21 min Scan# 1530

Delta R.T. -0.00 min

Lab File: VX015307.D

Acq: 16 Mar 2020 20:28

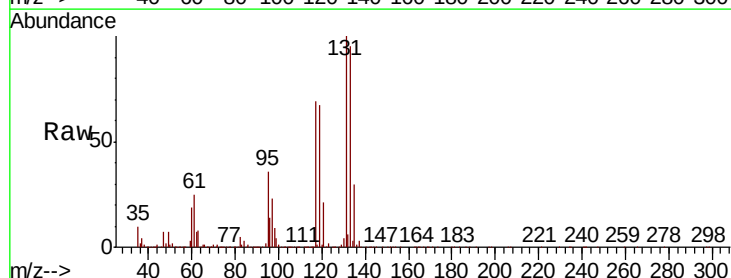
Tgt Ion:131 Resp: 154635

Ion Ratio Lower Upper

131 100

133 96.0 47.5 142.5

119 67.5 33.4 100.1



Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

10.21

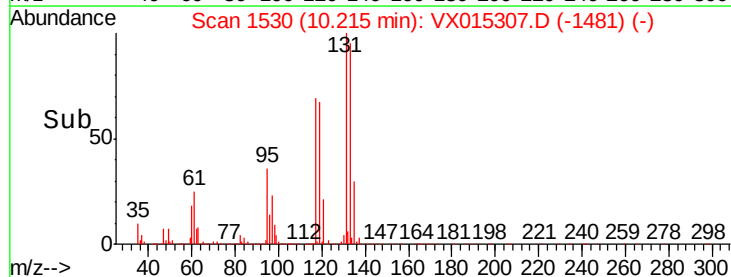
150000

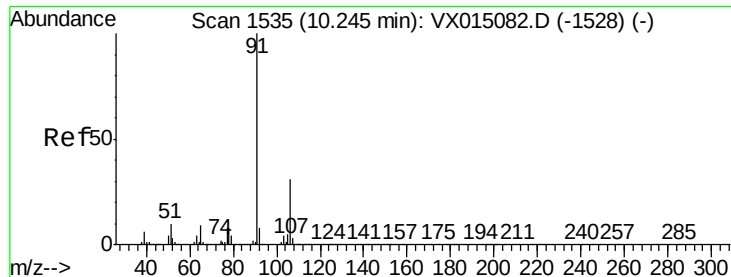
100000

50000

0

Time-->





#67

Ethyl Benzene

Concen: 50.014 ug/l

RT: 10.25 min Scan# 1535

Delta R.T. -0.00 min

Lab File: VX015307.D

Acq: 16 Mar 2020 20:28

Instrument :

MSVOA_X

ClientSampleId :

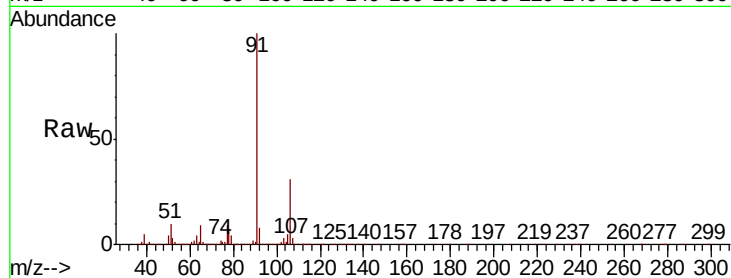
VSTDCCC050EC

Tot Ion: 91 Resp: 732271

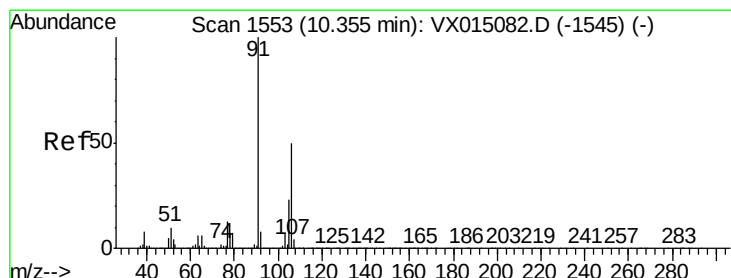
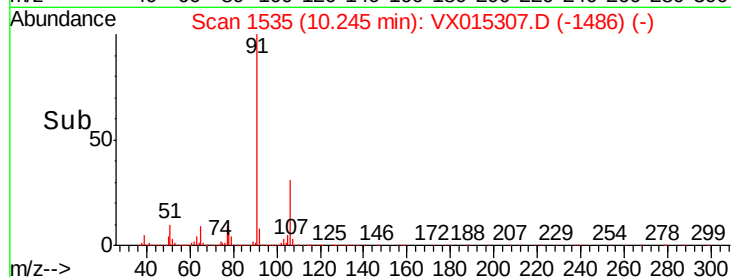
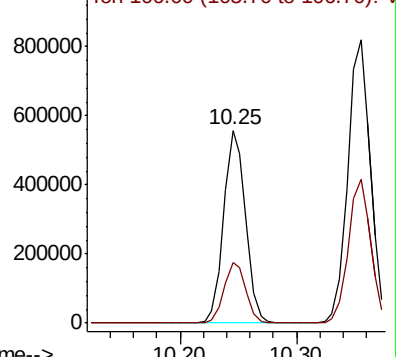
Ion Ratio Lower Upper

91 100

106 31.4 24.9 37.3



Abundance Ion 91.00 (90.70 to 91.70): VX015082.D (-1528) (-)



#68

m/p-Xylenes

Concen: 100.305 ug/l

RT: 10.35 min Scan# 1553

Delta R.T. -0.00 min

Lab File: VX015307.D

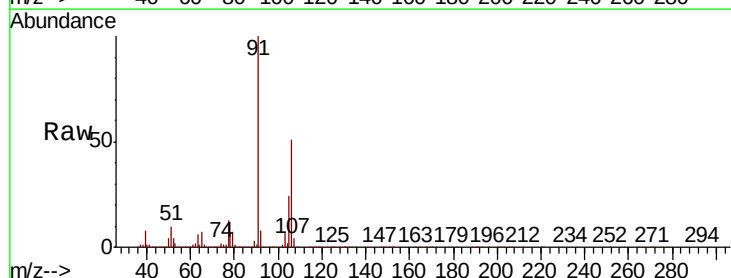
Acq: 16 Mar 2020 20:28

Tgt Ion: 106 Resp: 558750

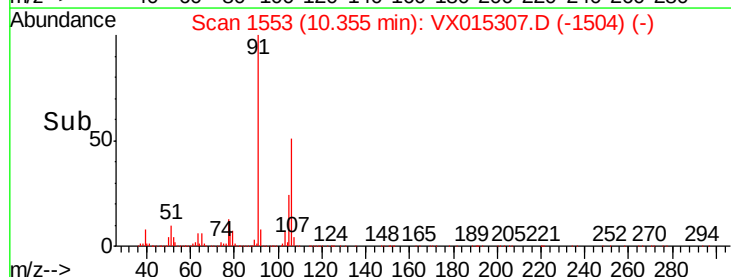
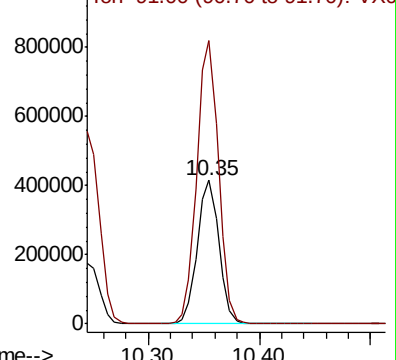
Ion Ratio Lower Upper

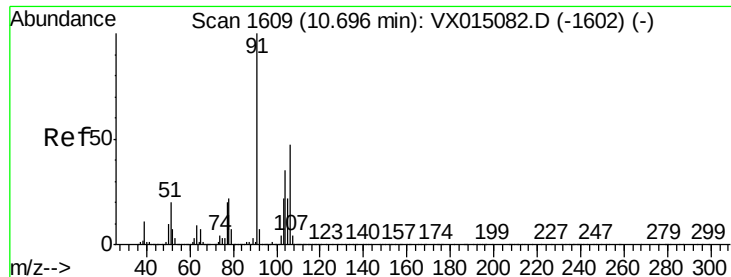
106 100

91 198.4 159.4 239.2



Abundance Ion 106.00 (105.70 to 106.70): VX015082.D (-1545) (-)

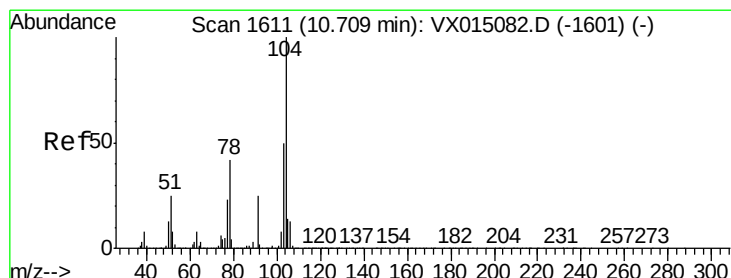
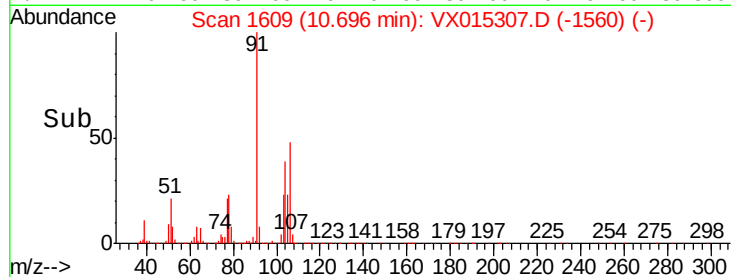
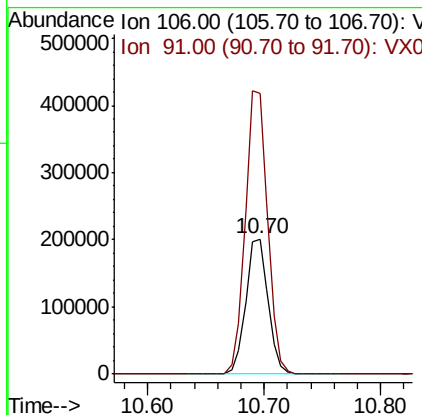
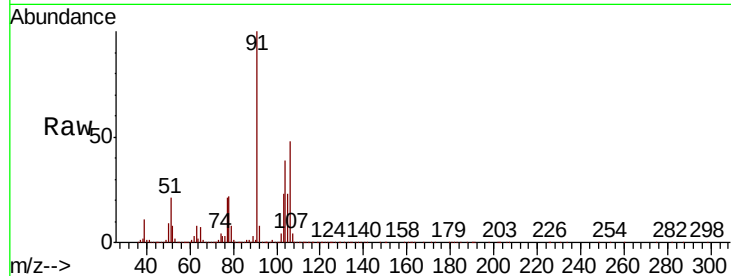




#69
o-Xylene
Concen: 50.282 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. -0.00 min
Lab File: VX015307.D
Acq: 16 Mar 2020 20:28

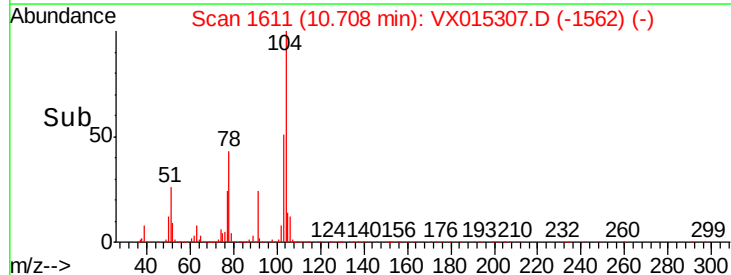
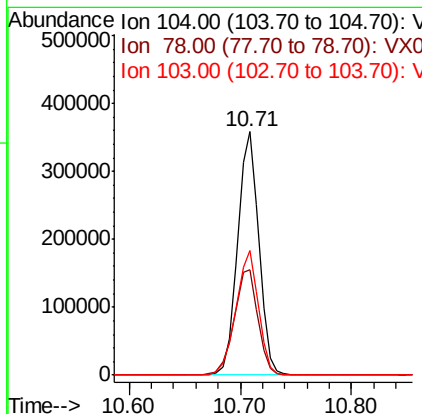
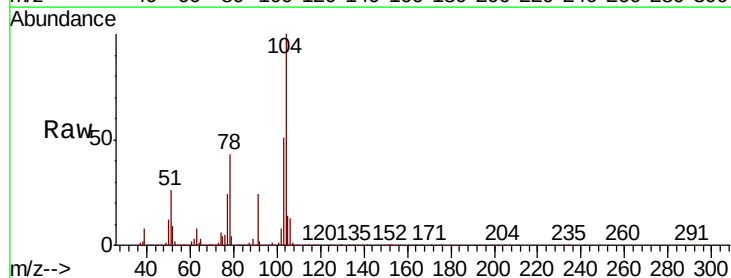
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

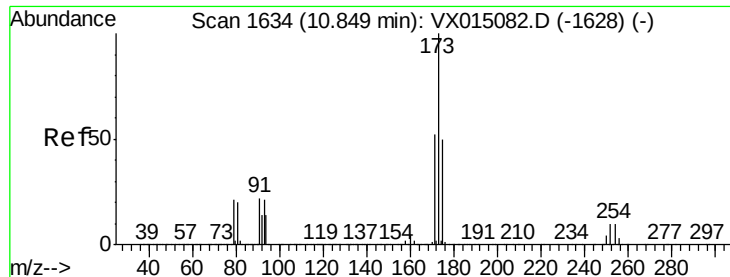
Tot Ion:106 Resp: 268176
Ion Ratio Lower Upper
106 100
91 210.4 105.4 316.1



#70
Styrene
Concen: 51.637 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. -0.00 min
Lab File: VX015307.D
Acq: 16 Mar 2020 20:28

Tgt Ion:104 Resp: 472204
Ion Ratio Lower Upper
104 100
78 48.4 39.0 58.4
103 54.2 43.7 65.5

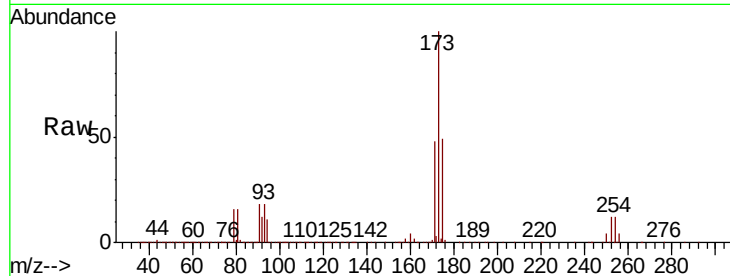




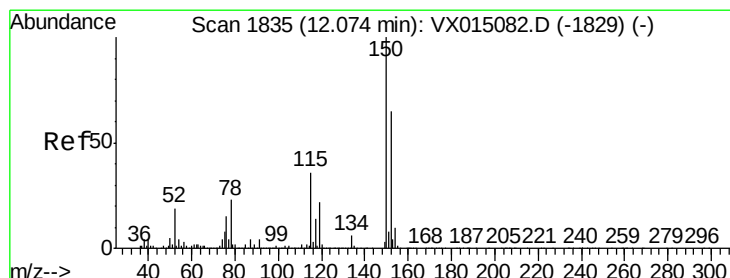
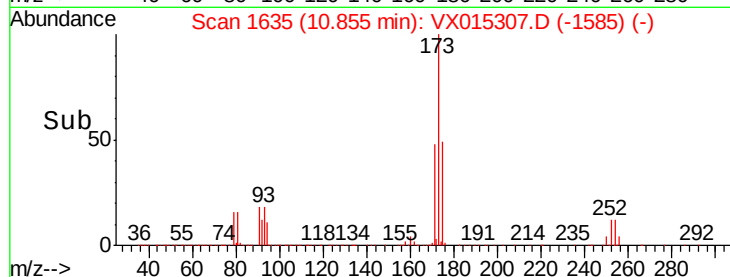
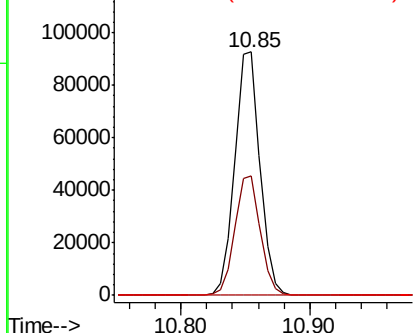
#71
Bromoform
Concen: 50.205 ug/l
RT: 10.85 min Scan# 1635
Delta R.T. 0.01 min
Lab File: VX015307.D
Acq: 16 Mar 2020 20:28

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:173 Resp: 126577
Ion Ratio Lower Upper
173 100
175 49.1 24.9 74.7
254 0.3 0.2 0.2#

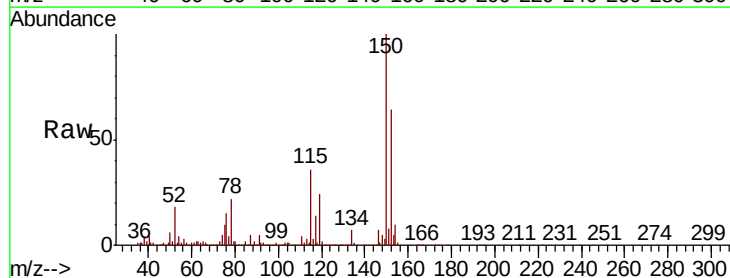


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

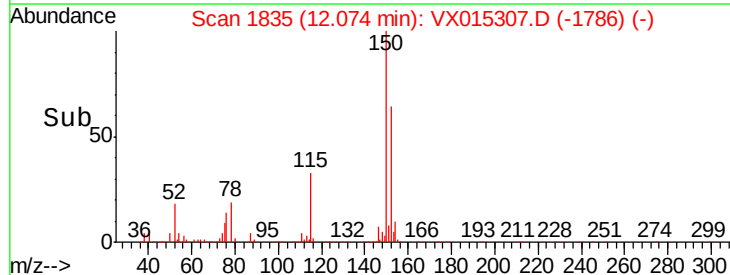
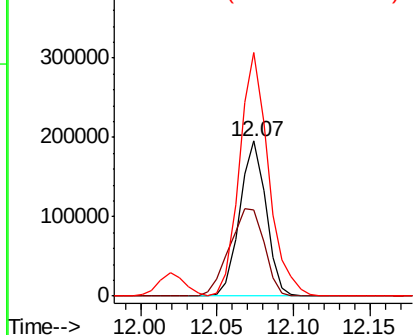


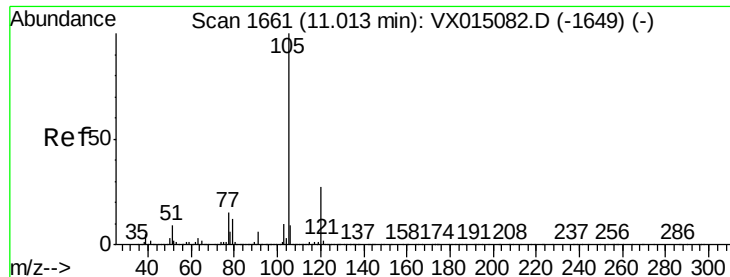
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. -0.00 min
Lab File: VX015307.D
Acq: 16 Mar 2020 20:28

Tgt Ion:152 Resp: 232350
Ion Ratio Lower Upper
152 100
115 75.0 38.2 114.6
150 172.9 0.0 343.8



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: 48.105 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. -0.00 min

Lab File: VX015307.D

Acq: 16 Mar 2020 20:28

Instrument :

MSVOA_X

ClientSampleId :

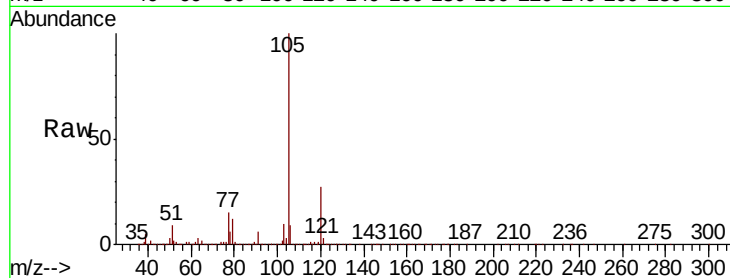
VSTDCCC050EC

Tot Ion:105 Resp: 714003

Ion Ratio Lower Upper

105 100

120 27.2 13.5 40.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

600000

400000

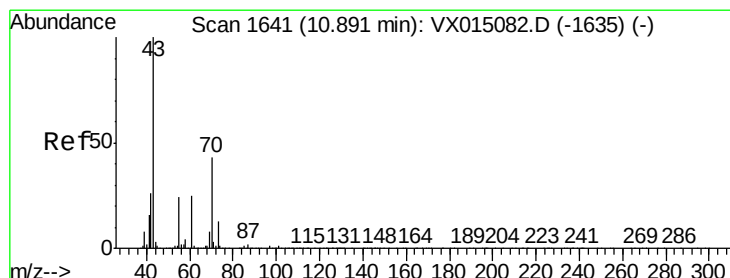
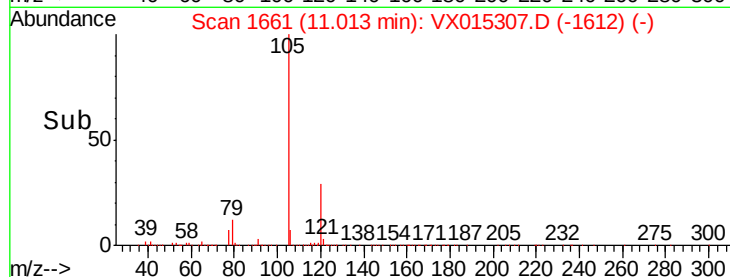
200000

0

11.01

10.95 11.00 11.05 11.10

Time-->



#74

N-ethyl acetate

Concen: 49.878 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. -0.00 min

Lab File: VX015307.D

Acq: 16 Mar 2020 20:28

Tgt Ion: 43 Resp: 311999

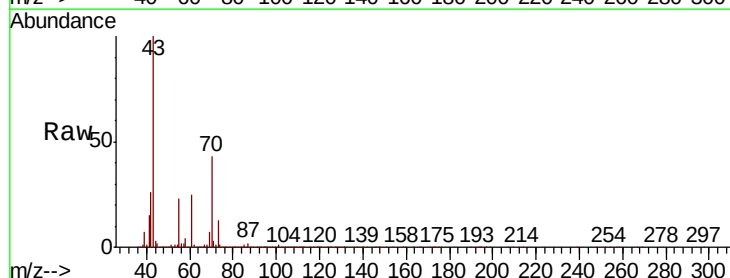
Ion Ratio Lower Upper

43 100

70 42.9 34.7 52.1

55 24.5 19.4 29.0

61 24.8 19.0 28.6



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

400000

300000

200000

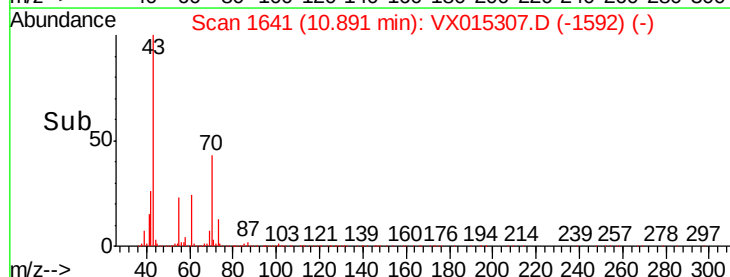
100000

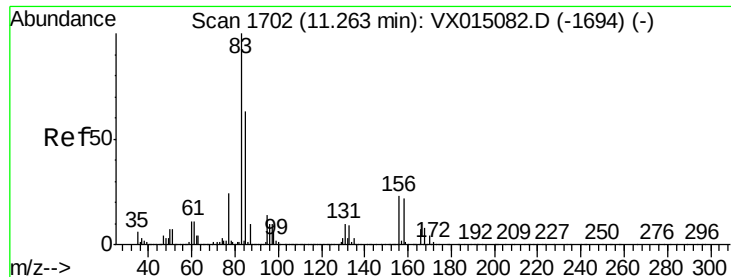
0

10.89

10.80 10.90 11.00

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 46.940 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. -0.00 min

Lab File: VX015307.D

Acq: 16 Mar 2020 20:28

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

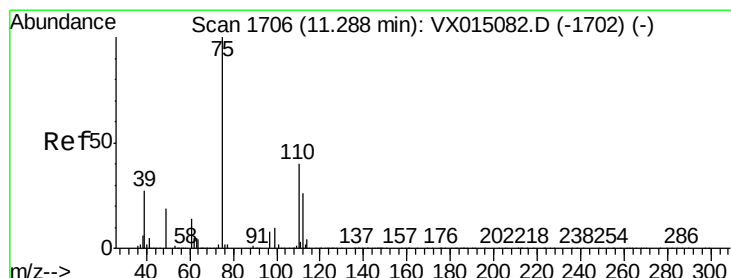
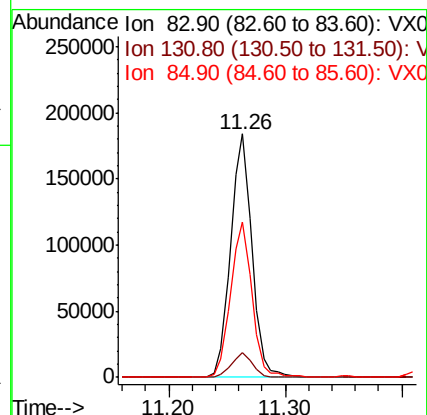
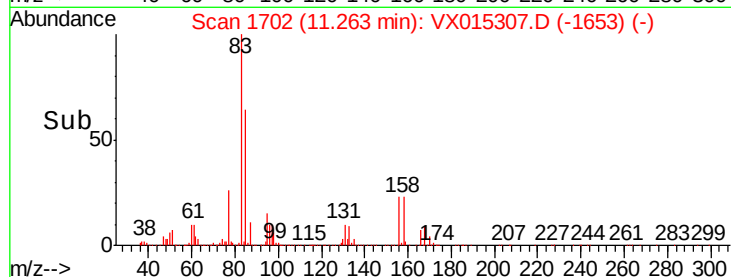
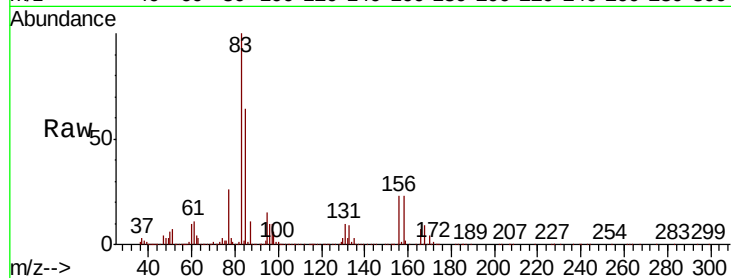
Tot Ion: 83 Resp: 232189

Ion Ratio Lower Upper

83 100

131 10.2 5.0 14.9

85 64.4 31.9 95.9



#76

1,2,3-Trichloropropane

Concen: 57.980 ug/l

RT: 11.29 min Scan# 1707

Delta R.T. 0.01 min

Lab File: VX015307.D

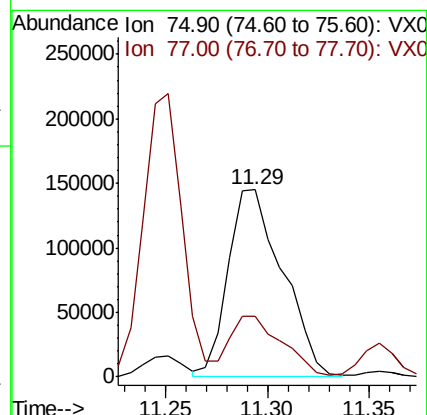
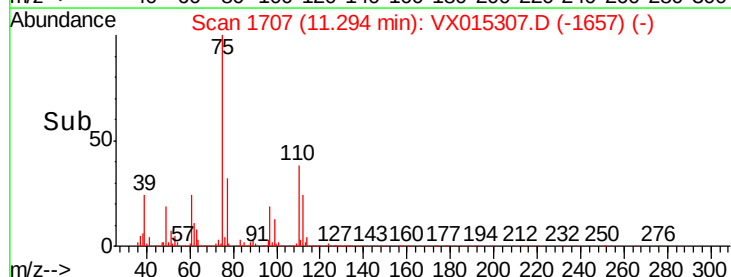
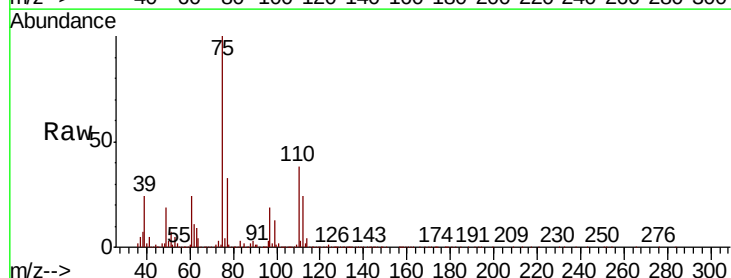
Acq: 16 Mar 2020 20:28

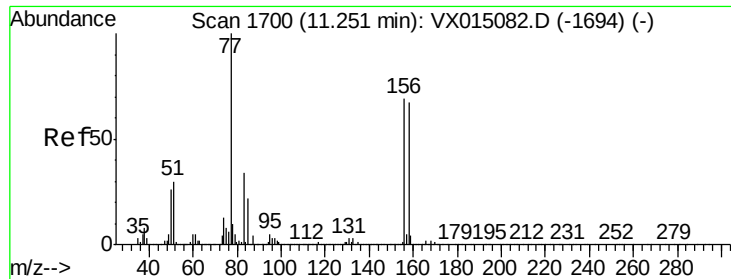
Tgt Ion: 75 Resp: 268721

Ion Ratio Lower Upper

75 100

77 30.4 22.6 67.8

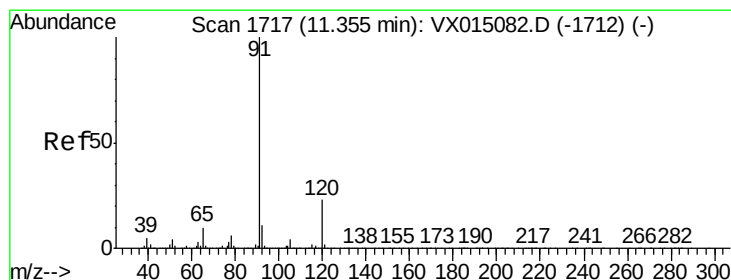
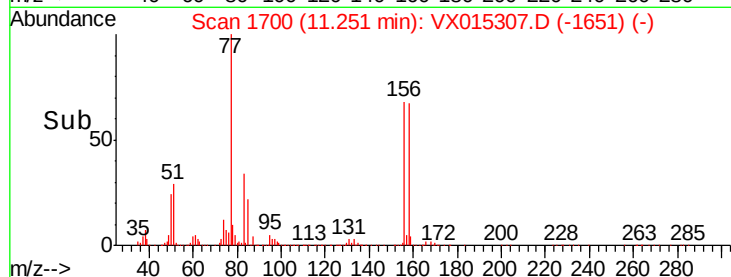
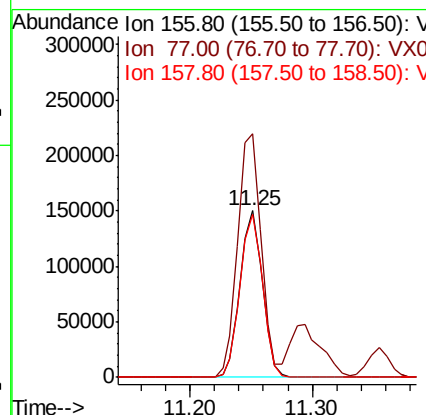
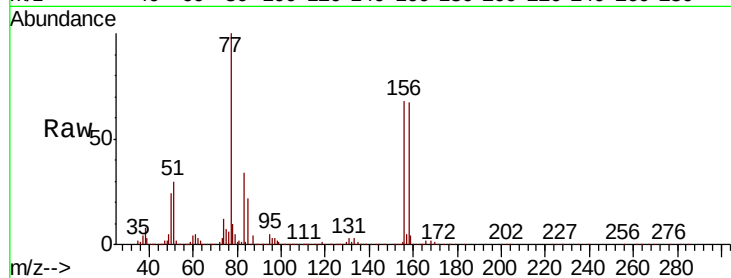




#77
Bromobenzene
Concen: 45.734 ug/l
RT: 11.25 min Scan# 1700
Delta R.T. -0.00 min
Lab File: VX015307.D
Acq: 16 Mar 2020 20:28

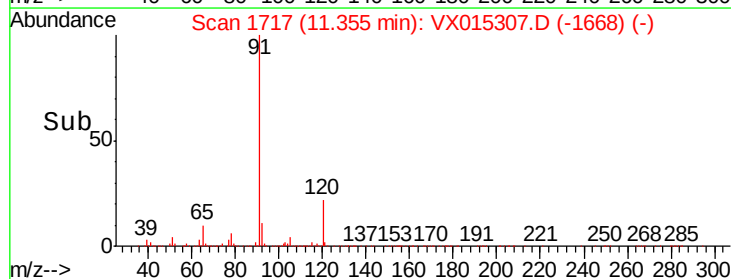
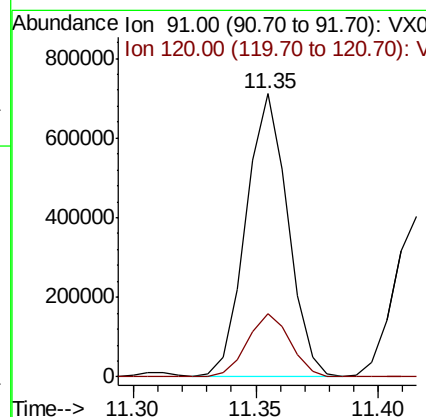
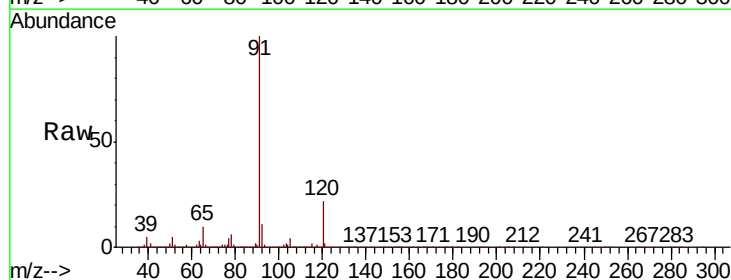
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

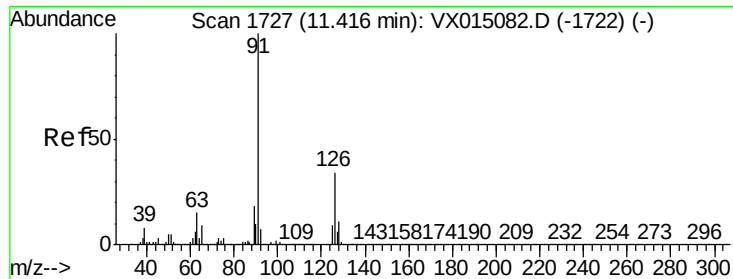
Tot Ion:156 Resp: 189177
Ion Ratio Lower Upper
156 100
77 154.6 75.3 225.9
158 99.2 48.5 145.6



#78
n-propylbenzene
Concen: 49.458 ug/l
RT: 11.35 min Scan# 1717
Delta R.T. -0.00 min
Lab File: VX015307.D
Acq: 16 Mar 2020 20:28

Tgt Ion: 91 Resp: 838679
Ion Ratio Lower Upper
91 100
120 22.9 11.7 35.1





#79

2-Chlorotoluene

Concen: 48.678 ug/l

RT: 11.42 min Scan# 1727

Delta R.T. -0.00 min

Lab File: VX015307.D

Acq: 16 Mar 2020 20:28

Instrument :

MSVOA_X

ClientSampleId :

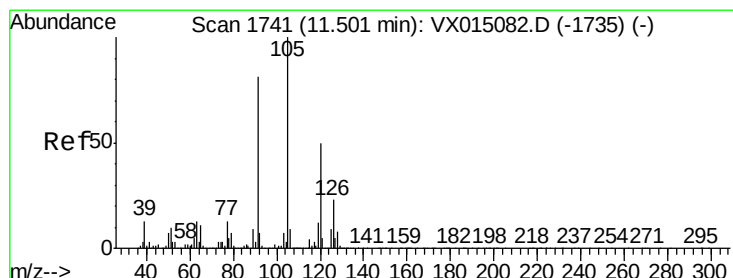
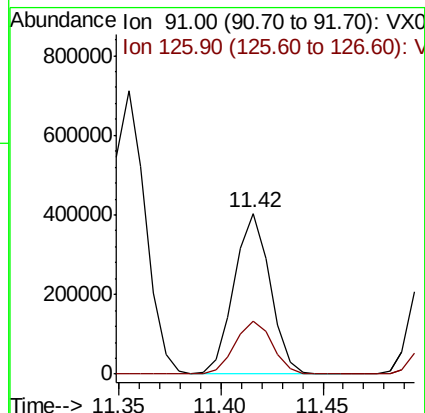
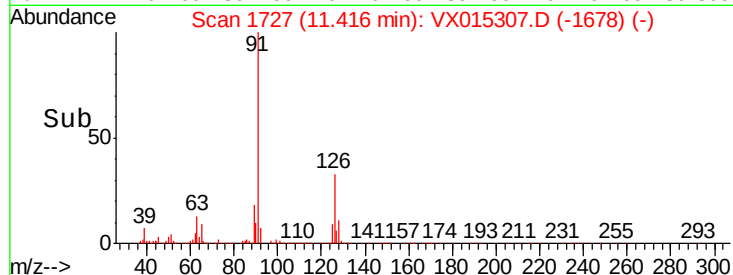
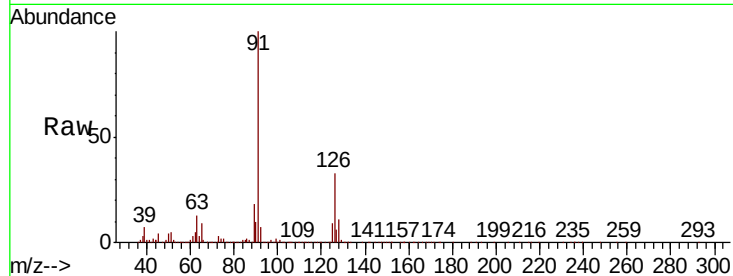
VSTDCCC050EC

Tot Ion: 91 Resp: 492951

Ion Ratio Lower Upper

91 100

126 34.5 17.3 52.0



#80

1,3,5-Trimethylbenzene

Concen: 49.291 ug/l

RT: 11.50 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VX015307.D

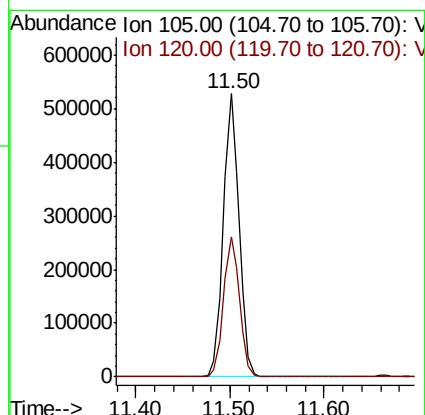
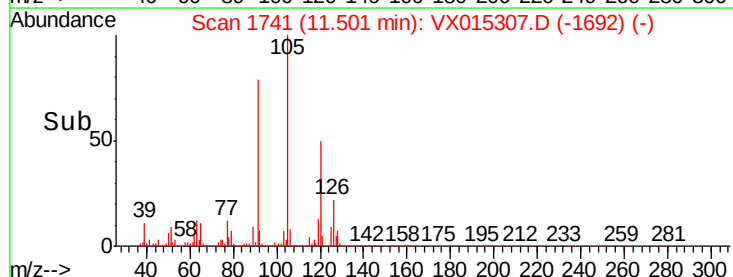
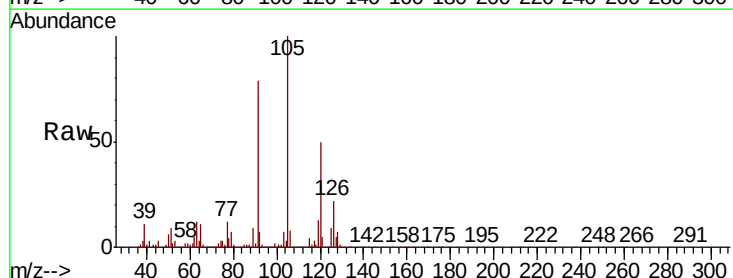
Acq: 16 Mar 2020 20:28

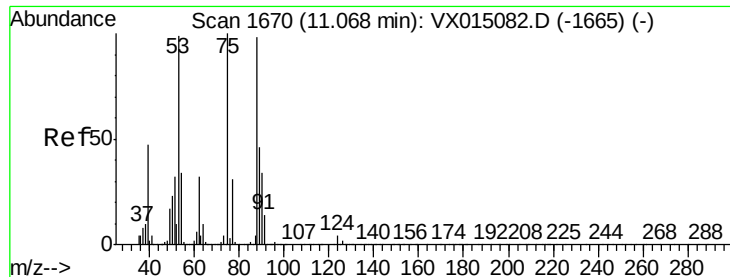
Tgt Ion: 105 Resp: 609031

Ion Ratio Lower Upper

105 100

120 50.5 25.1 75.4

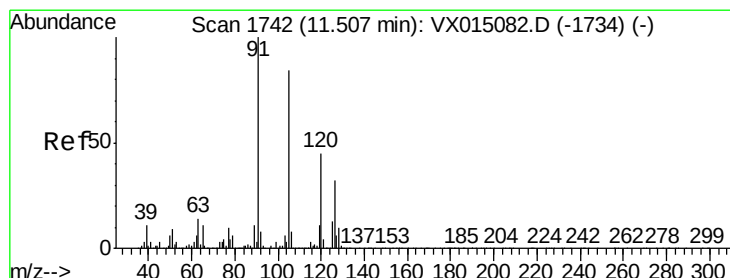
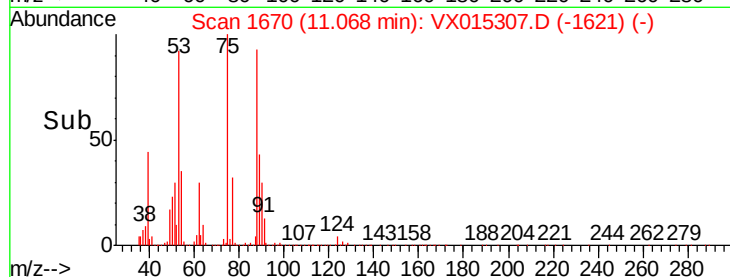
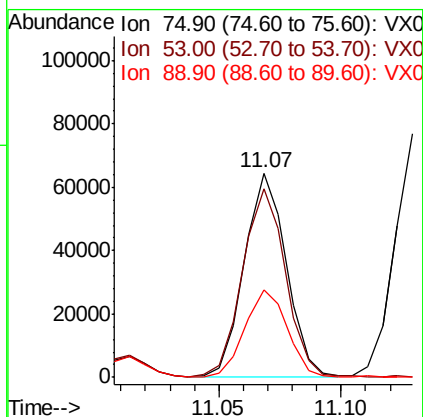
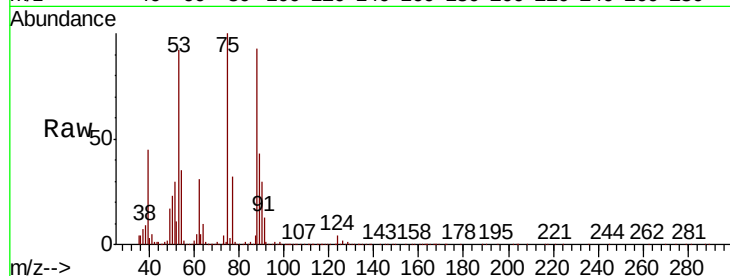




#81
trans-1,4-Dichloro-2-butene
Concen: 47.005 ug/l
RT: 11.07 min Scan# 1670
Delta R.T. -0.00 min
Lab File: VX015307.D
Acq: 16 Mar 2020 20:28

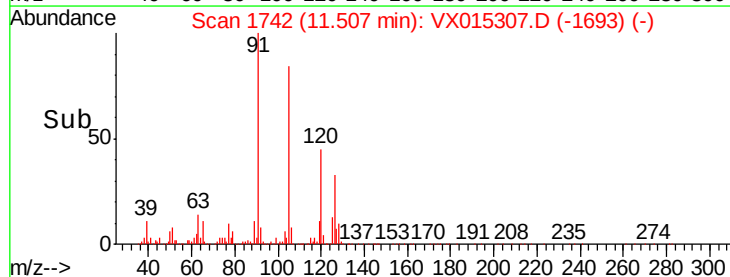
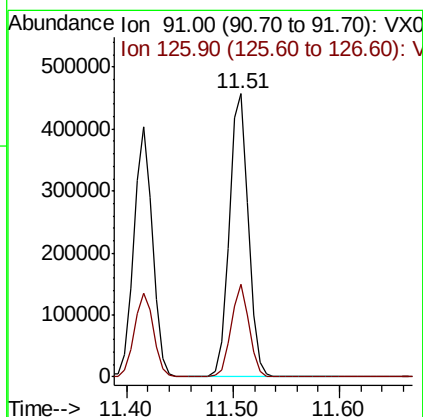
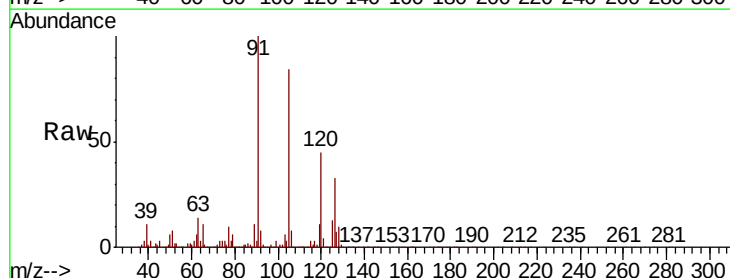
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

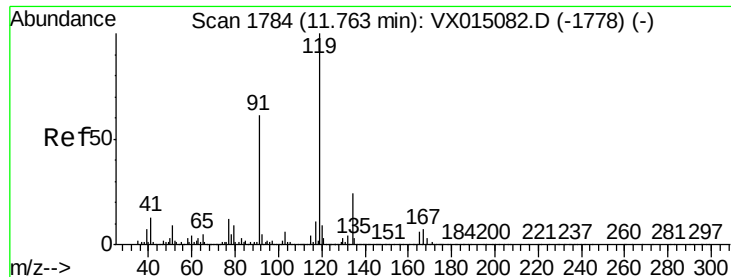
Tot Ion: 75 Resp: 76763
Ion Ratio Lower Upper
75 100
53 93.9 77.9 116.9
89 44.0 36.2 54.2



#82
4-Chlorotoluene
Concen: 47.813 ug/l
RT: 11.51 min Scan# 1742
Delta R.T. -0.00 min
Lab File: VX015307.D
Acq: 16 Mar 2020 20:28

Tgt Ion: 91 Resp: 572043
Ion Ratio Lower Upper
91 100
126 30.9 15.4 46.2

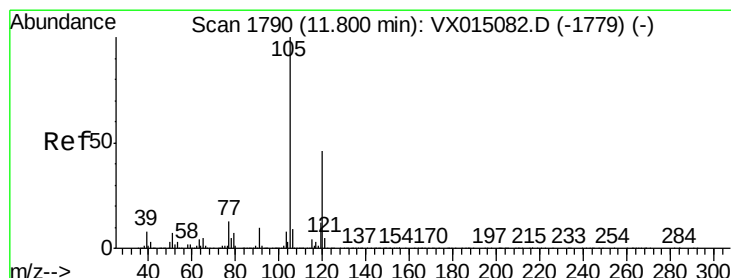
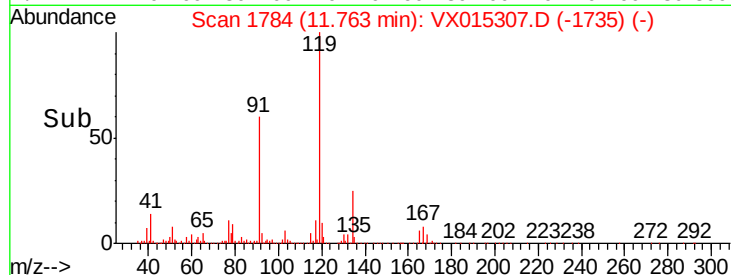
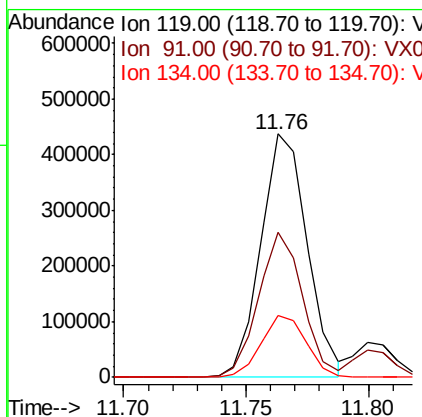
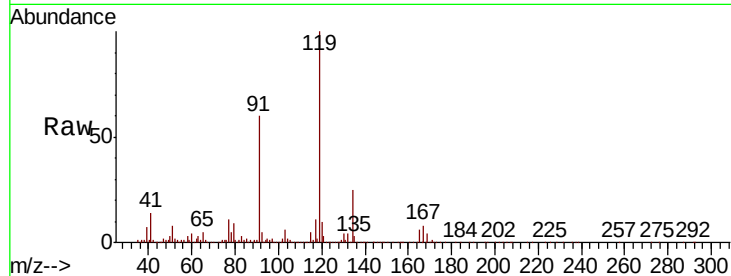




#83
 tert-Butylbenzene
 Concen: 48.219 ug/l
 RT: 11.76 min Scan# 1784
 Delta R.T. -0.00 min
 Lab File: VX015307.D
 Acq: 16 Mar 2020 20:28

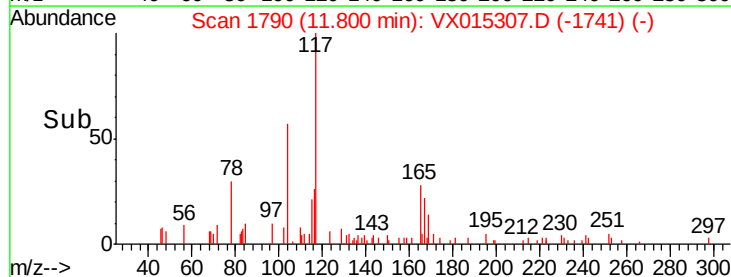
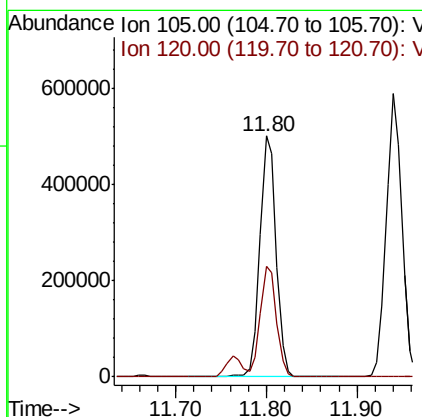
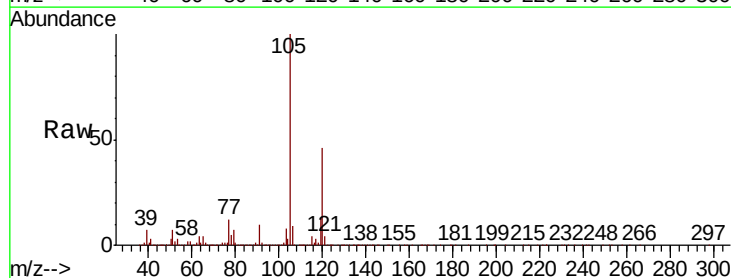
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

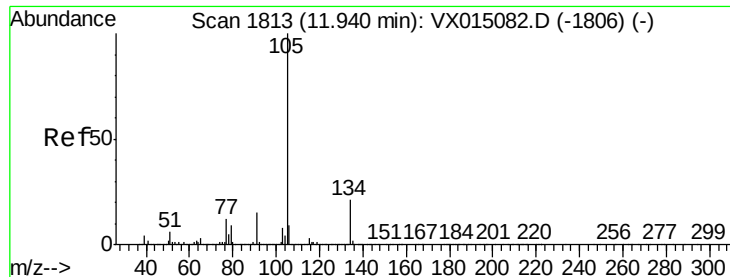
Tot Ion:119 Resp: 576086
 Ion Ratio Lower Upper
 119 100
 91 56.5 28.5 85.6
 134 24.6 11.9 35.7



#84
 1,2,4-Trimethylbenzene
 Concen: 50.015 ug/l
 RT: 11.80 min Scan# 1790
 Delta R.T. -0.00 min
 Lab File: VX015307.D
 Acq: 16 Mar 2020 20:28

Tgt Ion:105 Resp: 620823
 Ion Ratio Lower Upper
 105 100
 120 45.4 22.9 68.5





#85

sec-Butylbenzene

Concen: 48.997 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. -0.00 min

Lab File: VX015307.D

Acq: 16 Mar 2020 20:28

Instrument :

MSVOA_X

ClientSampleId :

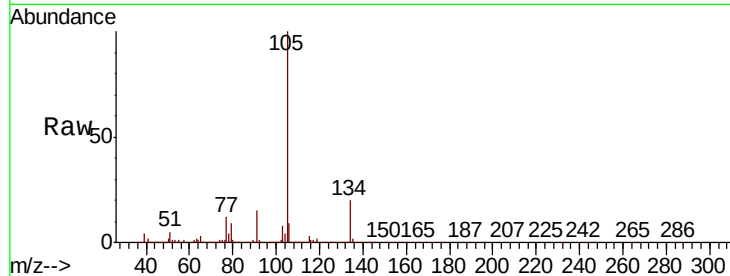
VSTDCCC050EC

Tot Ion:105 Resp: 706659

Ion Ratio Lower Upper

105 100

134 20.5 10.4 31.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

11.94

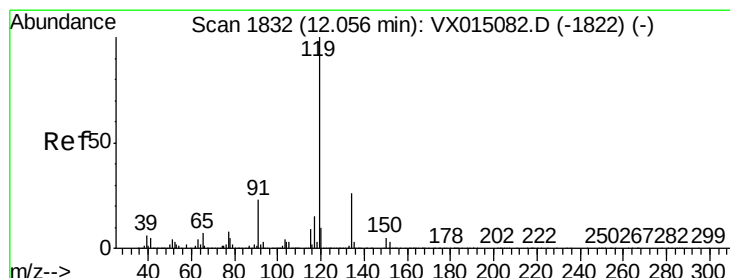
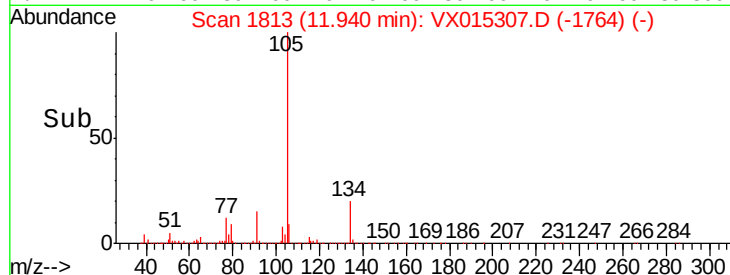
600000

400000

200000

0

Time-->



#86

p-Isopropyltoluene

Concen: 49.492 ug/l

RT: 12.06 min Scan# 1832

Delta R.T. -0.00 min

Lab File: VX015307.D

Acq: 16 Mar 2020 20:28

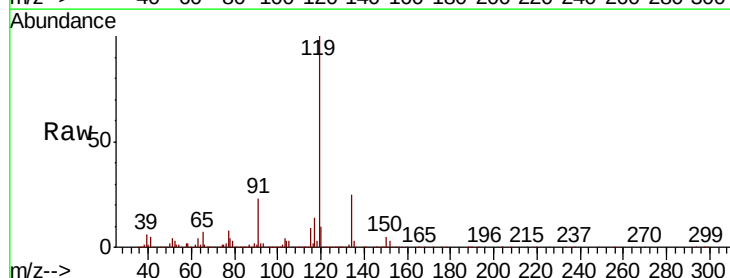
Tgt Ion:119 Resp: 657637

Ion Ratio Lower Upper

119 100

134 26.7 13.4 40.1

91 22.4 11.3 33.8



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

12.06

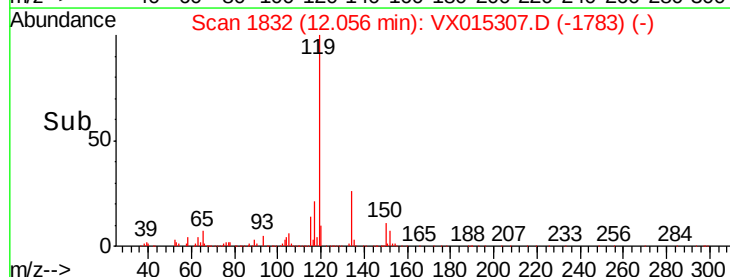
600000

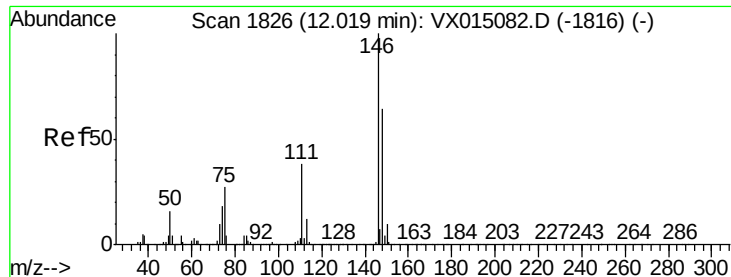
400000

200000

0

Time-->

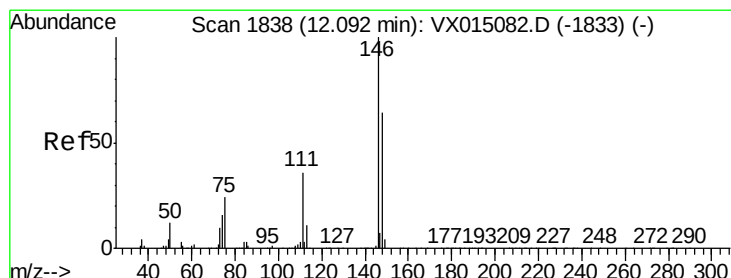
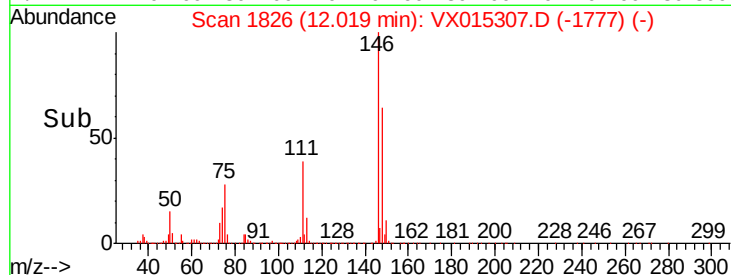
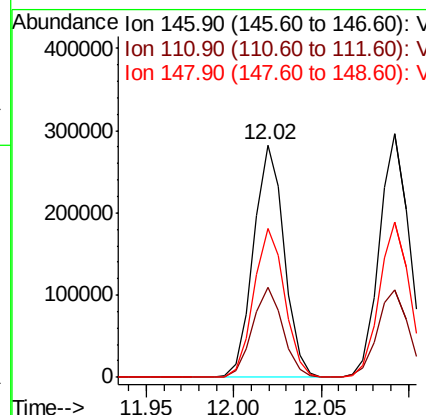
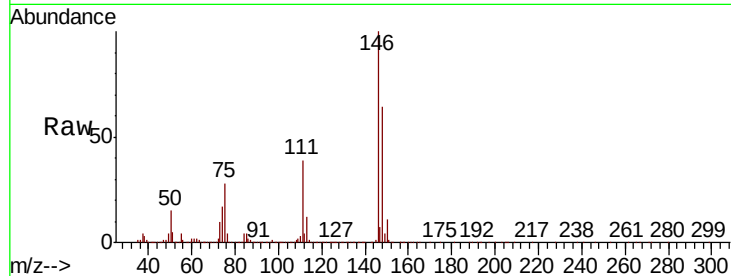




#87
 1,3-Dichlorobenzene
 Concen: 47.302 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. -0.00 min
 Lab File: VX015307.D
 Acq: 16 Mar 2020 20:28

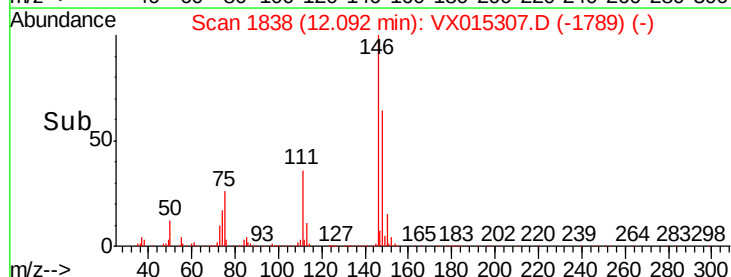
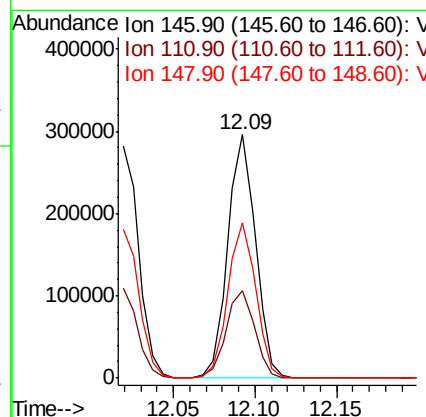
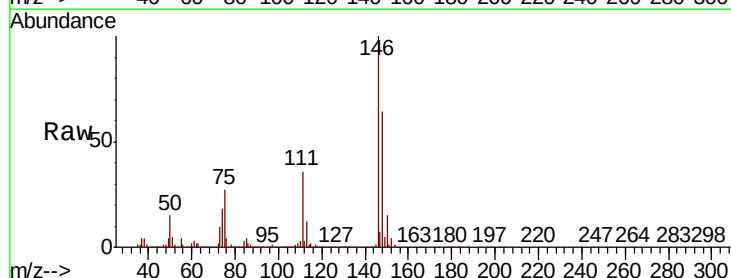
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

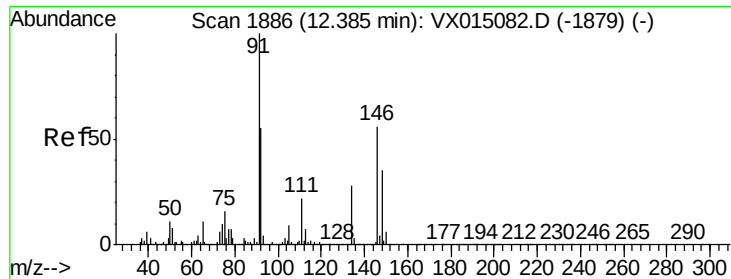
Tot Ion	Ratio	Lower	Upper
146	100		
111	38.2	19.1	57.1
148	64.7	31.9	95.5



#88
 1,4-Dichlorobenzene
 Concen: 46.548 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. -0.00 min
 Lab File: VX015307.D
 Acq: 16 Mar 2020 20:28

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.5	18.7	56.1
148	64.5	32.5	97.4

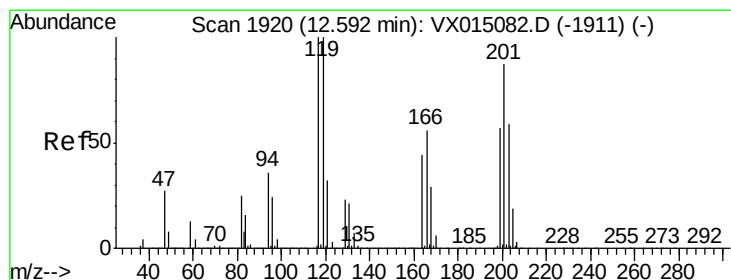
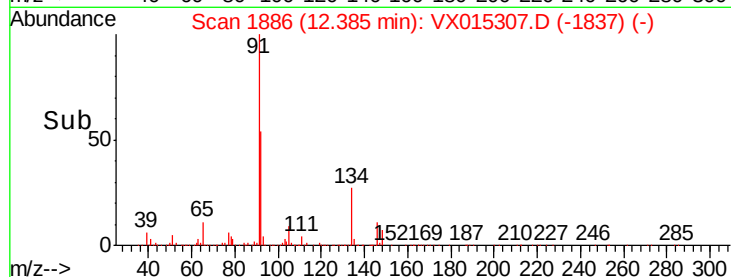
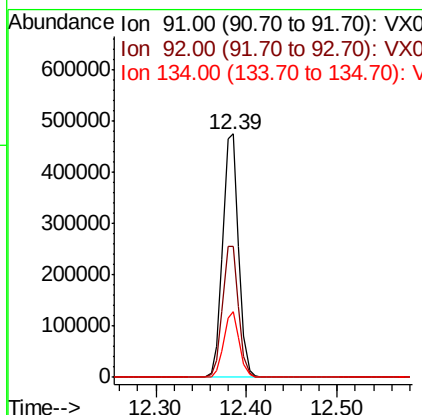
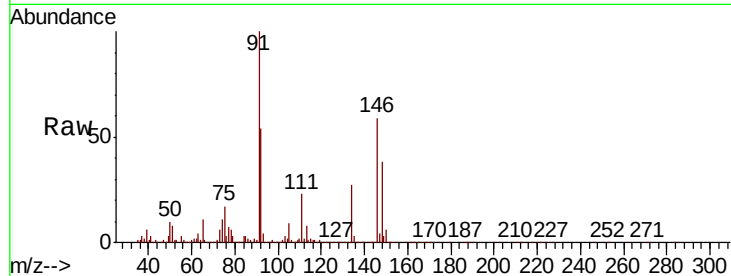




#89
n-Butylbenzene
Concen: 49.391 ug/l
RT: 12.39 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX015307.D
Acq: 16 Mar 2020 20:28

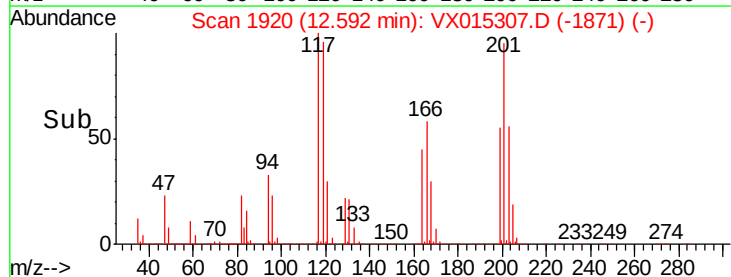
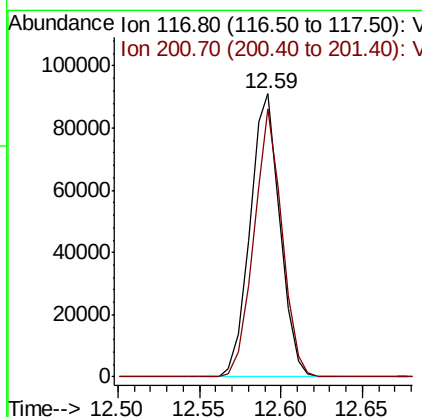
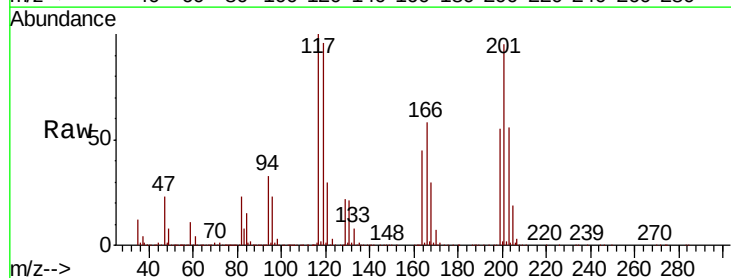
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

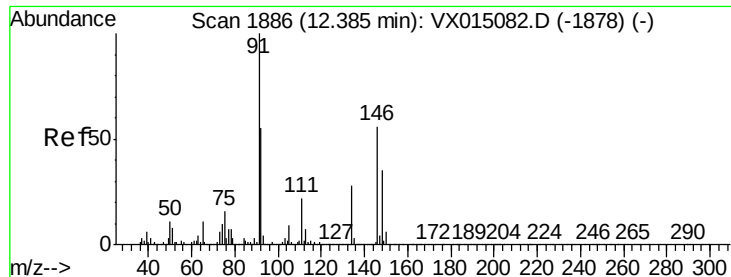
Tot Ion: 91 Resp: 583709
Ion Ratio Lower Upper
91 100
92 54.4 27.2 81.6
134 26.5 13.5 40.5



#90
Hexachloroethane
Concen: 46.354 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. -0.00 min
Lab File: VX015307.D
Acq: 16 Mar 2020 20:28

Tgt Ion: 117 Resp: 116446
Ion Ratio Lower Upper
117 100
201 88.6 43.5 130.7





#91

1,2-Dichlorobenzene

Concen: 47.972 ug/l

RT: 12.39 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX015307.D

Acq: 16 Mar 2020 20:28

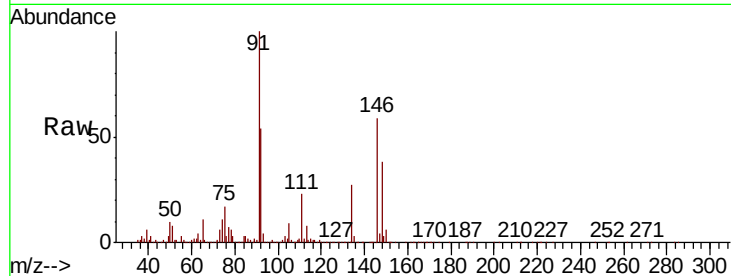
Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

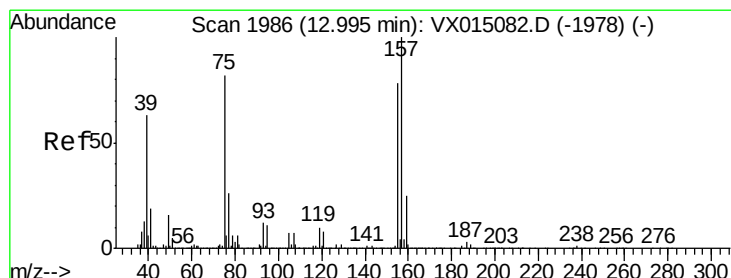
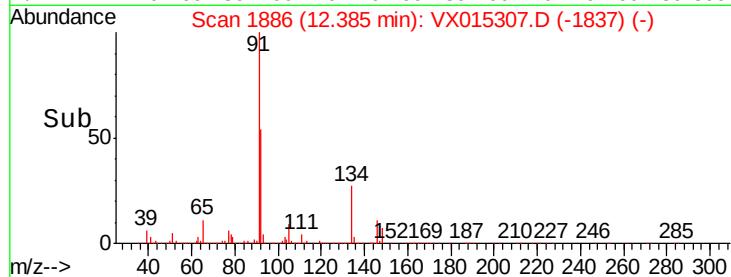
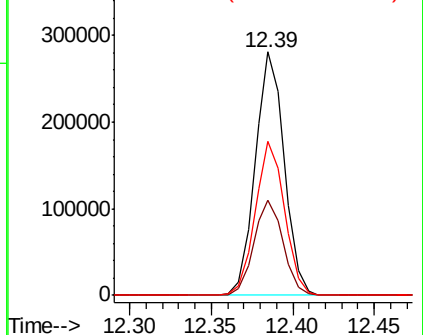
Tot Ion:	146	Resp:	346815
Ion	Ratio	Lower	Upper
146	100		
111	39.5	19.9	59.7
148	63.8	32.3	96.8



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: 48.995 ug/l

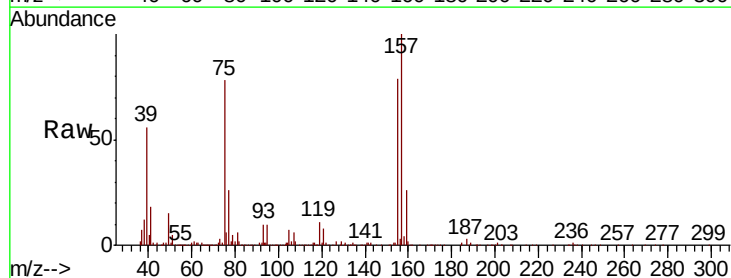
RT: 12.99 min Scan# 1986

Delta R.T. -0.00 min

Lab File: VX015307.D

Acq: 16 Mar 2020 20:28

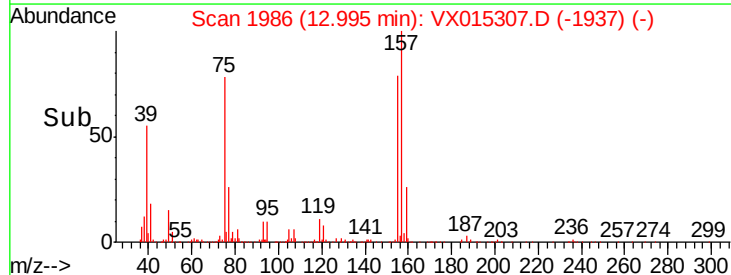
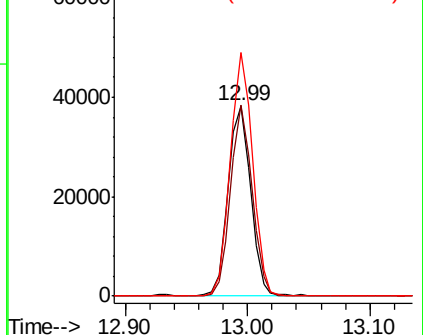
Tgt Ion:	75	Resp:	48530
Ion	Ratio	Lower	Upper
75	100		
155	96.2	46.6	139.7
157	126.3	59.2	177.5

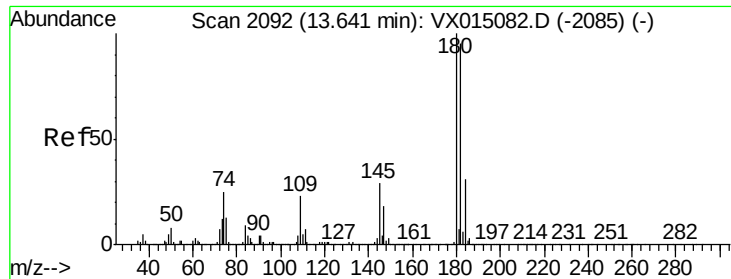


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

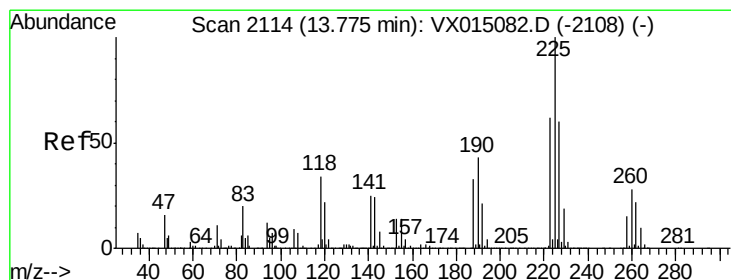
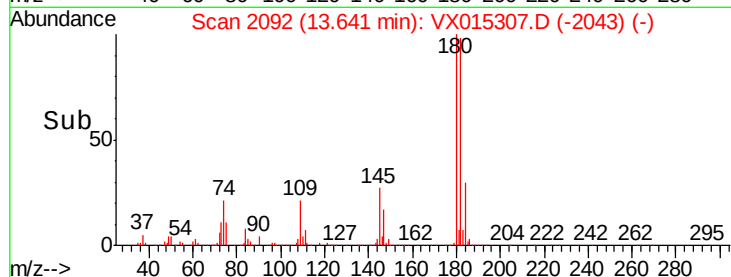
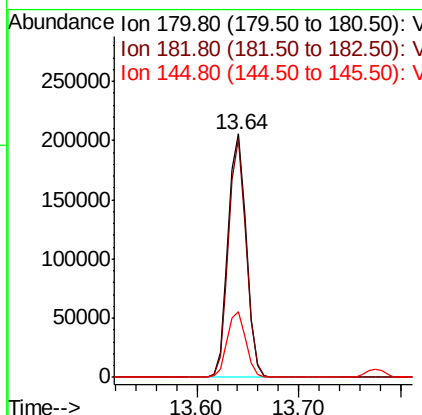
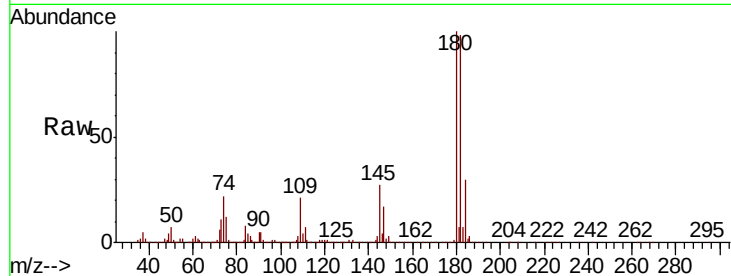




#93
 1,2,4-Trichlorobenzene
 Concen: 50.387 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. -0.00 min
 Lab File: VX015307.D
 Acq: 16 Mar 2020 20:28

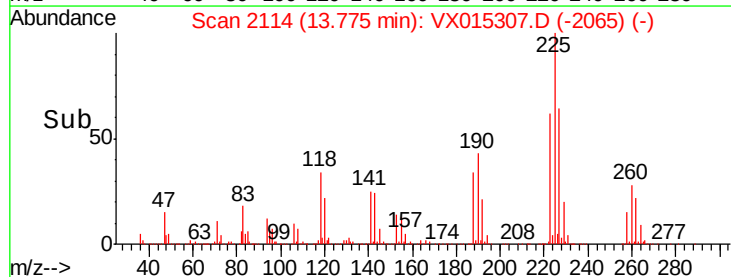
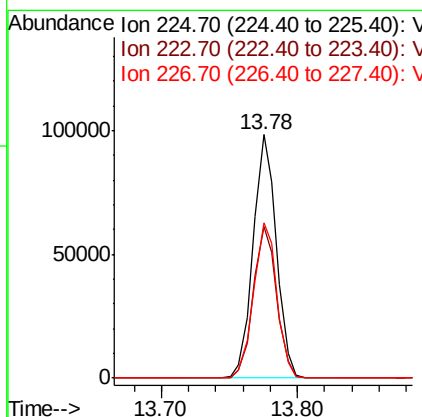
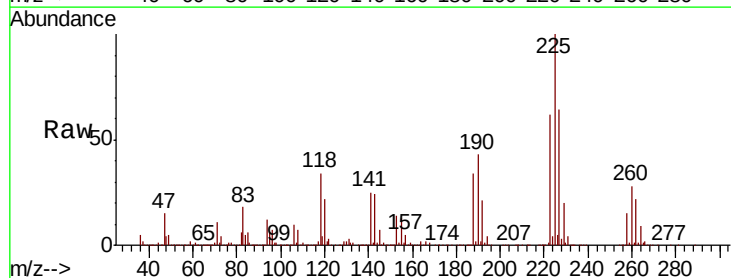
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

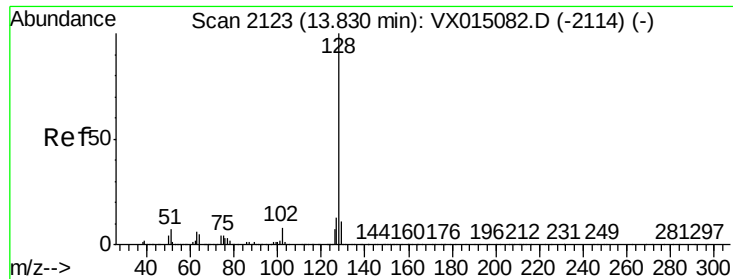
Tot Ion	Ratio	Lower	Upper
180	100		
182	95.3	47.6	142.8
145	27.5	14.1	42.2



#94
 Hexachlorobutadiene
 Concen: 45.963 ug/l
 RT: 13.78 min Scan# 2114
 Delta R.T. -0.00 min
 Lab File: VX015307.D
 Acq: 16 Mar 2020 20:28

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.6	31.3	93.9
227	64.2	31.1	93.2

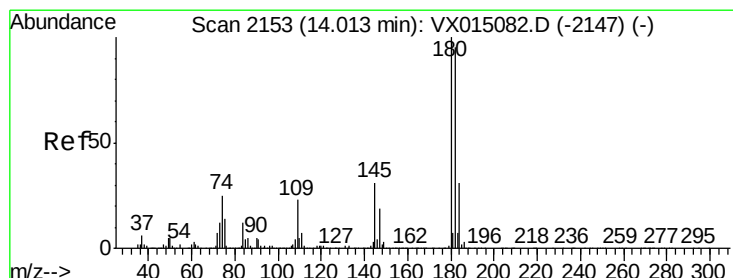
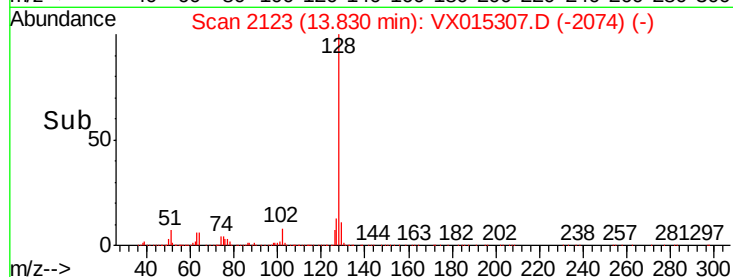
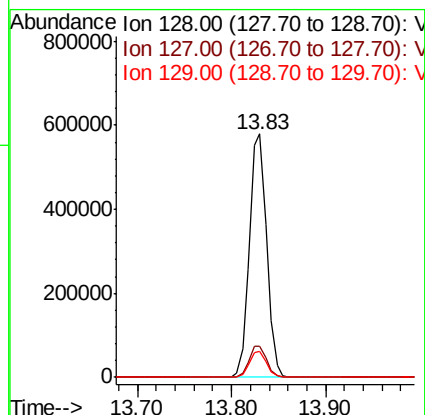
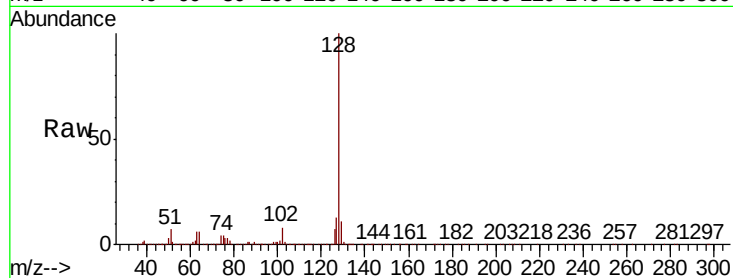




#95
Naphthalene
Concen: 47.828 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. 0.00 min
Lab File: VX015307.D
Acq: 16 Mar 2020 20:28

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:128 Resp: 734610
Ion Ratio Lower Upper
128 100
127 13.1 10.3 15.5
129 10.7 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 51.360 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. -0.00 min
Lab File: VX015307.D
Acq: 16 Mar 2020 20:28

Tgt Ion:180 Resp: 257157
Ion Ratio Lower Upper
180 100
182 95.9 47.8 143.4
145 29.2 15.1 45.3

