

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX031620\
 Data File : VX015285.D
 Acq On : 16 Mar 2020 11:49
 Operator : JC/SP
 Sample : VX0316WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0316WBSD01

Quant Time: Mar 17 07:39:17 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	303717	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	469886	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	421761	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	229398	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.04	65	163302	45.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.64%	
35) Dibromofluoromethane	5.48	113	136298	45.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.96%	
50) Toluene-d8	8.71	98	528065	46.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.66%	
62) 4-Bromofluorobenzene	11.13	95	192961	47.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.96%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	43682	16.425	ug/l	99
3) Chloromethane	1.32	50	60547	16.072	ug/l	97
4) Vinyl Chloride	1.40	62	61321	16.052	ug/l	99
5) Bromomethane	1.64	94	38540	16.410	ug/l	100
6) Chloroethane	1.72	64	38517	16.808	ug/l	98
7) Trichlorofluoromethane	1.92	101	78199	17.204	ug/l	100
8) Diethyl Ether	2.18	74	36162	17.565	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.37	101	51462	17.995	ug/l	98
10) Methyl Iodide	2.50	142	51265	15.867	ug/l	99
11) Tert butyl alcohol	3.03	59	59212	94.716	ug/l	97
12) 1,1-Dichloroethene	2.37	96	49142	16.650	ug/l	97
13) Acrolein	2.28	56	47594	81.011	ug/l	99
14) Allyl chloride	2.72	41	97374	18.921	ug/l	93
15) Acrylonitrile	3.13	53	153498	98.593	ug/l	98
16) Acetone	2.43	43	125438	85.962	ug/l	100
17) Carbon Disulfide	2.56	76	129001	15.739	ug/l	99
18) Methyl Acetate	2.76	43	69917	19.595	ug/l	100
19) Methyl tert-butyl Ether	3.18	73	176730	19.162	ug/l	97
20) Methylene Chloride	2.85	84	60260	17.646	ug/l	98
21) trans-1,2-Dichloroethene	3.15	96	54440	17.274	ug/l	97
22) Diisopropyl ether	3.84	45	207693	20.257	ug/l	96
23) Vinyl Acetate	3.80	43	834506	99.014	ug/l	98
24) 1,1-Dichloroethane	3.69	63	104183	18.308	ug/l	98
25) 2-Butanone	4.65	43	209072	97.866	ug/l	97
26) 2,2-Dichloropropane	4.57	77	81502	18.042	ug/l	99
27) cis-1,2-Dichloroethene	4.58	96	66274	18.745	ug/l	99
28) Bromochloromethane	5.00	49	51638	19.928	ug/l	96
29) Tetrahydrofuran	5.11	42	133677	97.072	ug/l	97
30) Chloroform	5.20	83	103335	18.631	ug/l	97
31) Cyclohexane	5.56	56	95138	18.744	ug/l	96
32) 1,1,1-Trichloroethane	5.48	97	83961	18.262	ug/l	99
36) 1,1-Dichloropropene	5.79	75	77353	17.807	ug/l	99
37) Ethyl Acetate	4.81	43	83205	20.649	ug/l	99
38) Carbon Tetrachloride	5.77	117	70500	17.194	ug/l	98

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Quant Time: Mar 17 07:39:17 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)
39) Methylcyclohexane	7.45	83	97182	19.159	ug/l	98
40) Benzene	6.13	78	245430	19.044	ug/l	97
41) Methacrylonitrile	5.03	41	46727	19.306	ug/l	99
42) 1,2-Dichloroethane	6.18	62	84760	19.151	ug/l	99
43) Isopropyl Acetate	6.43	43	140028	19.754	ug/l	98
44) Trichloroethene	7.20	130	67524	18.813	ug/l	93
45) 1,2-Dichloropropane	7.50	63	67542	20.247	ug/l	96
46) Dibromomethane	7.65	93	42001	19.323	ug/l	98
47) Bromodichloromethane	7.89	83	82084	19.097	ug/l	99
48) Methyl methacrylate	7.76	41	68029	18.856	ug/l	98
49) 1,4-Dioxane	7.74	88	29542	378.720	ug/l	97
51) 4-Methyl-2-Pentanone	8.63	43	424242	101.223	ug/l	100
52) Toluene	8.78	92	153041	19.421	ug/l	99
53) t-1,3-Dichloropropene	9.03	75	89923	19.655	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	101194	19.565	ug/l	93
55) 1,1,2-Trichloroethane	9.21	97	64659	19.936	ug/l	98
56) Ethyl methacrylate	9.17	69	92224	19.935	ug/l	96
57) 1,3-Dichloropropane	9.36	76	110006	20.160	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.30	63	243189	96.493	ug/l	98
59) 2-Hexanone	9.48	43	316885	102.010	ug/l	100
60) Dibromochloromethane	9.57	129	65154	19.123	ug/l	99
61) 1,2-Dibromoethane	9.67	107	65274	19.161	ug/l	99
64) Tetrachloroethene	9.33	164	67542	19.369	ug/l	95
65) Chlorobenzene	10.13	112	165047	19.492	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.21	131	61050	19.121	ug/l	99
67) Ethyl Benzene	10.25	91	284712	19.801	ug/l	98
68) m/p-Xylenes	10.35	106	222378	40.650	ug/l	100
69) o-Xylene	10.70	106	104317	19.917	ug/l	99
70) Styrene	10.71	104	181865	20.251	ug/l	99
71) Bromoform	10.85	173	48363	19.533	ug/l #	99
73) Isopropylbenzene	11.01	105	282649	19.288	ug/l	99
74) N-amyl acetate	10.89	43	117872	19.086	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.26	83	90027	18.434	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	101776	22.242	ug/l	81
77) Bromobenzene	11.25	156	76234	18.667	ug/l	99
78) n-propylbenzene	11.35	91	324160	19.362	ug/l	99
79) 2-Chlorotoluene	11.42	91	189370	18.941	ug/l	100
80) 1,3,5-Trimethylbenzene	11.50	105	239481	19.631	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	28616	17.748	ug/l	99
82) 4-Chlorotoluene	11.51	91	224489	19.005	ug/l	99
83) tert-Butylbenzene	11.76	119	224201	19.007	ug/l	100
84) 1,2,4-Trimethylbenzene	11.80	105	238028	19.423	ug/l	100
85) sec-Butylbenzene	11.94	105	277086	19.459	ug/l	99
86) p-Isopropyltoluene	12.06	119	259235	19.760	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	136351	18.992	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	140046	18.894	ug/l	98
89) n-Butylbenzene	12.38	91	231176	19.813	ug/l	99
90) Hexachloroethane	12.59	117	44945	18.122	ug/l	99
91) 1,2-Dichlorobenzene	12.38	146	135638	19.003	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	18191	18.601	ug/l	98

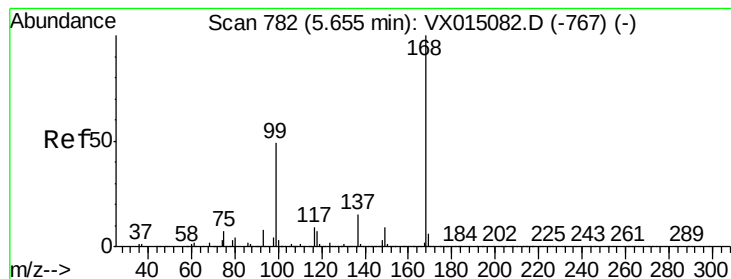
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX031620\
Data File : VX015285.D
Acq On : 16 Mar 2020 11:49
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ClientSampleId :
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Quant Time: Mar 17 07:39:17 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X030420W.M
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)
93) 1,2,4-Trichlorobenzene	13.64	180	98055	19.791	ug/l	99
94) Hexachlorobutadiene	13.77	225	49697	19.547	ug/l	99
95) Naphthalene	13.83	128	275873	19.072	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	97765	19.777	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 781

Delta R.T. -0.01 min

Lab File: VX015285.D

Acq: 16 Mar 2020 11:49

Instrument :

MSVOA_X

ClientSampleId :

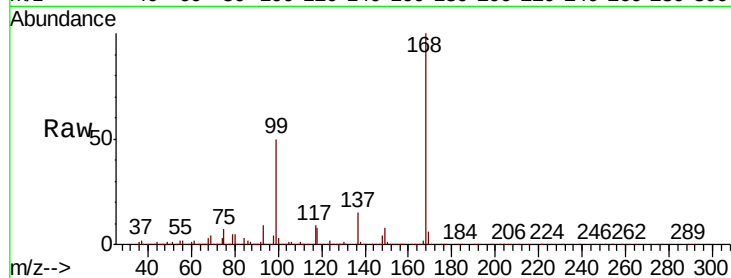
VX0316WBSD01

Tot Ion:168 Resp: 303717

Ion Ratio Lower Upper

168 100

99 49.5 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

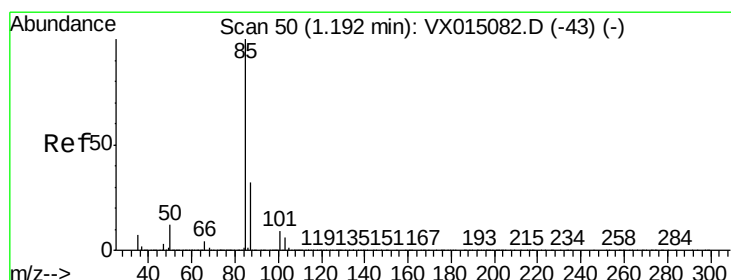
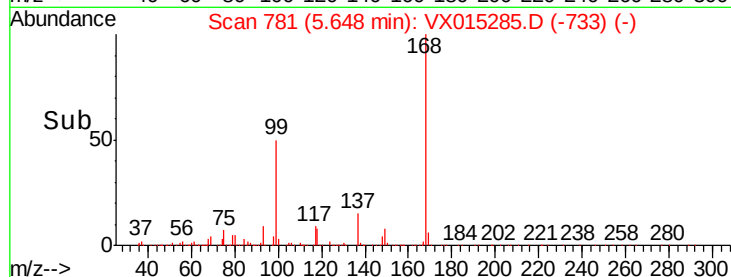
60000

40000

20000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 16.425 ug/l

RT: 1.19 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX015285.D

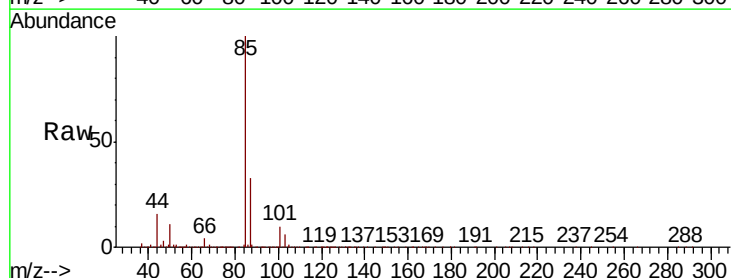
Acq: 16 Mar 2020 11:49

Tgt Ion: 85 Resp: 43682

Ion Ratio Lower Upper

85 100

87 32.9 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

50000

40000

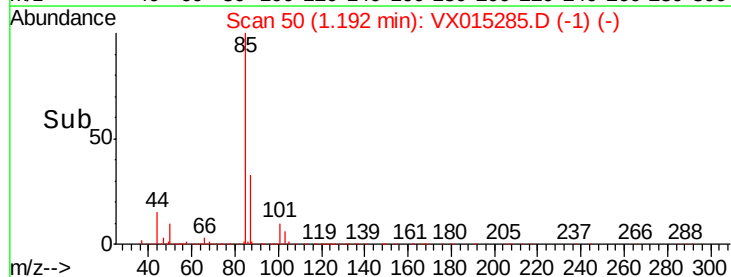
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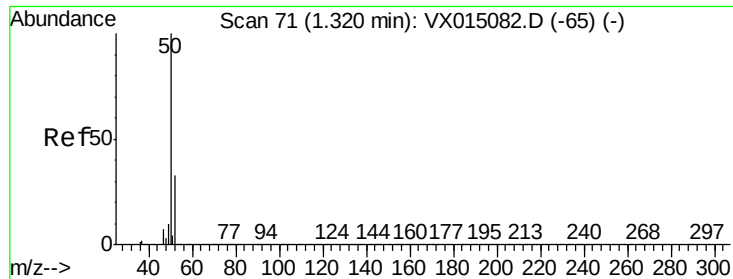
20000

10000

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Time-->





#3

Chloromethane

Concen: 16.072 ug/l

RT: 1.32 min Scan# 71

Delta R.T. -0.00 min

Lab File: VX015285.D

Acq: 16 Mar 2020 11:49

Instrument :

MSVOA_X

ClientSampleId :

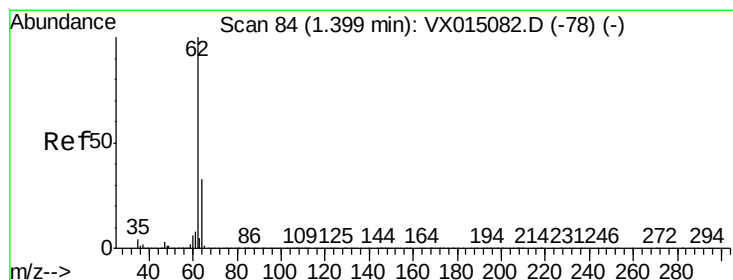
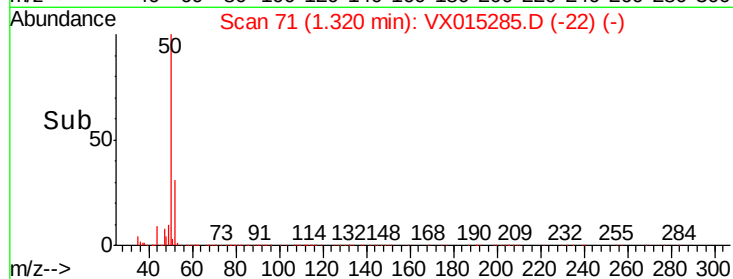
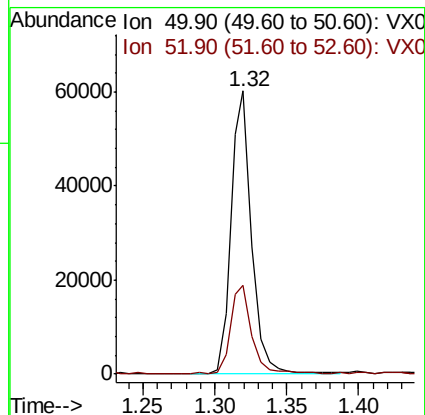
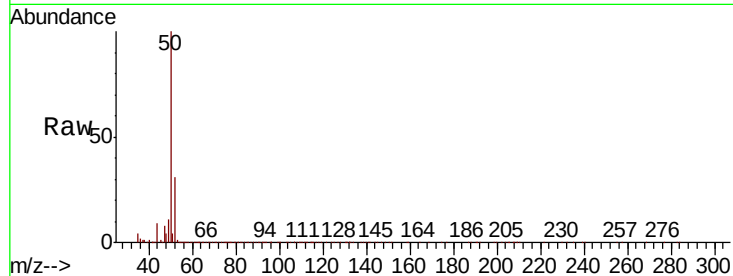
VX0316WBSD01

Tot Ion: 50 Resp: 60547

Ion Ratio Lower Upper

50 100

52 31.0 26.2 39.2



#4

Vinyl Chloride

Concen: 16.052 ug/l

RT: 1.40 min Scan# 84

Delta R.T. -0.00 min

Lab File: VX015285.D

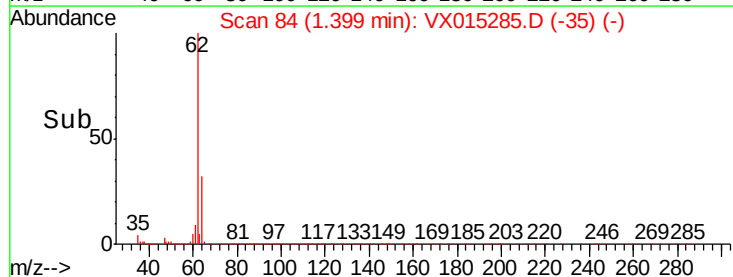
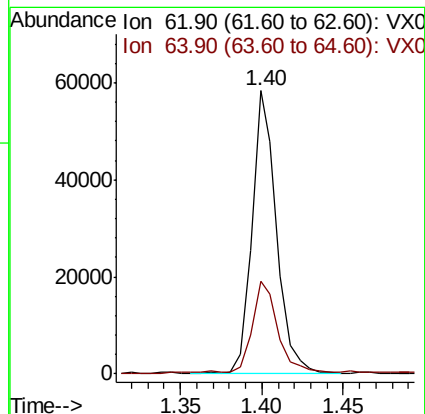
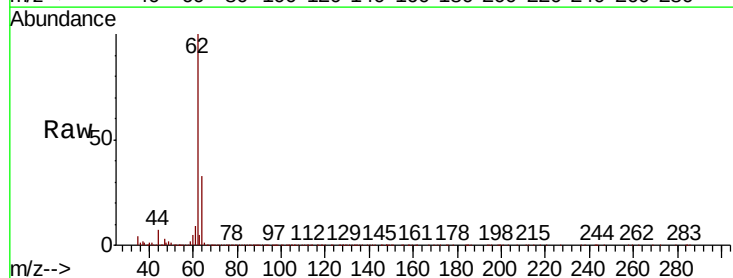
Acq: 16 Mar 2020 11:49

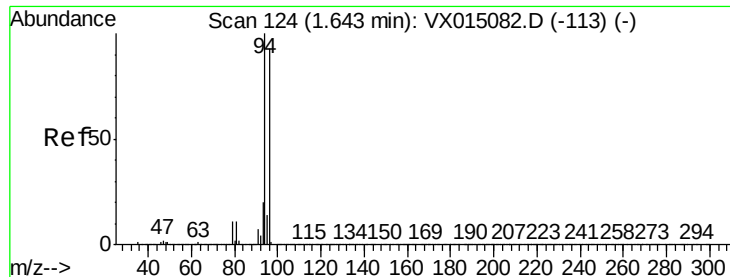
Tgt Ion: 62 Resp: 61321

Ion Ratio Lower Upper

62 100

64 32.3 26.1 39.1





#5

Bromomethane

Concen: 16.410 ug/l

RT: 1.64 min Scan# 124

Delta R.T. -0.00 min

Lab File: VX015285.D

Acq: 16 Mar 2020 11:49

Instrument :

MSVOA_X

ClientSampleId :

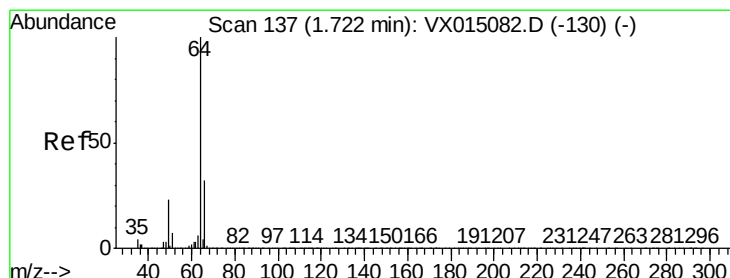
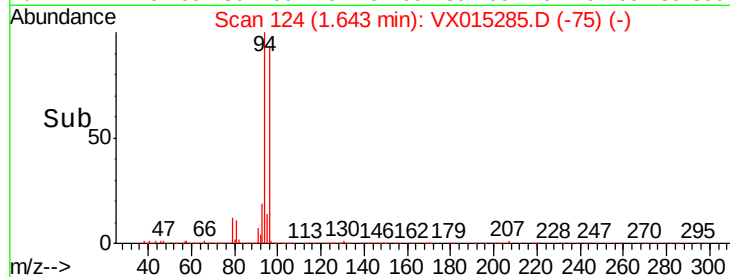
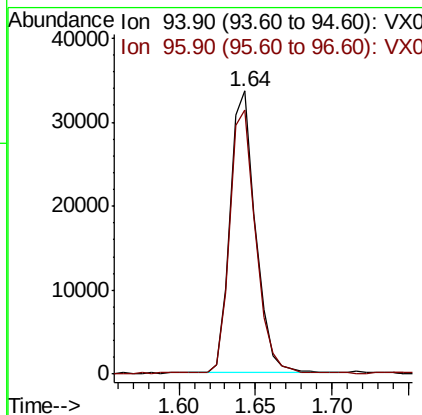
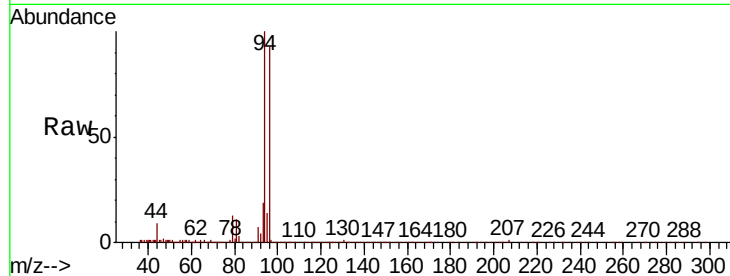
VX0316WBSD01

Tot Ion: 94 Resp: 38540

Ion Ratio Lower Upper

94 100

96 93.4 74.6 111.8



#6

Chloroethane

Concen: 16.808 ug/l

RT: 1.72 min Scan# 137

Delta R.T. -0.00 min

Lab File: VX015285.D

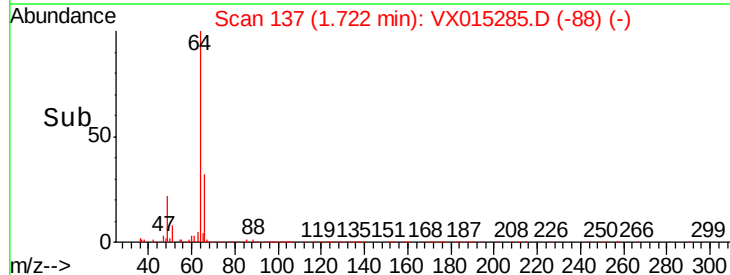
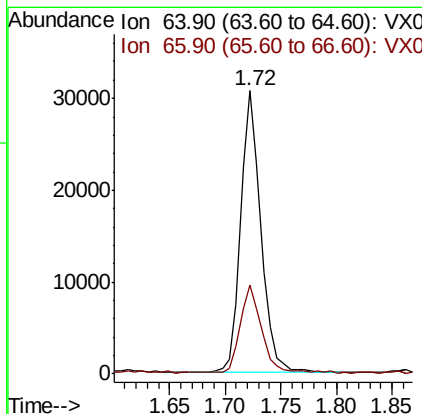
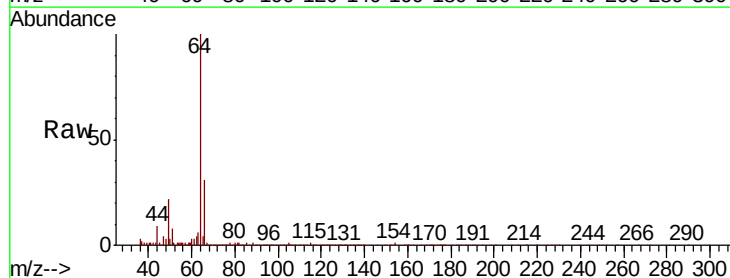
Acq: 16 Mar 2020 11:49

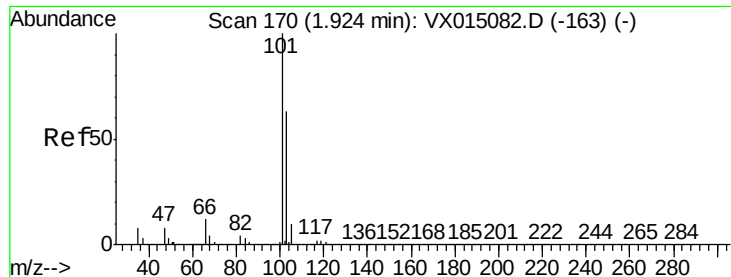
Tgt Ion: 64 Resp: 38517

Ion Ratio Lower Upper

64 100

66 31.2 25.8 38.8



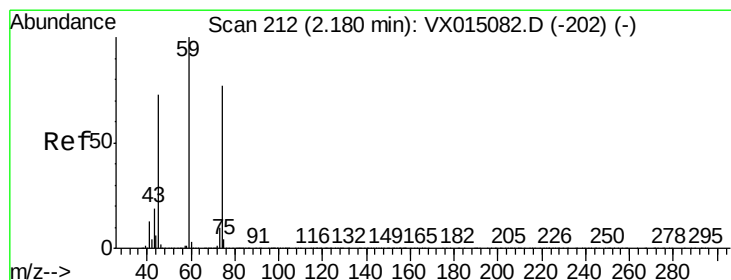
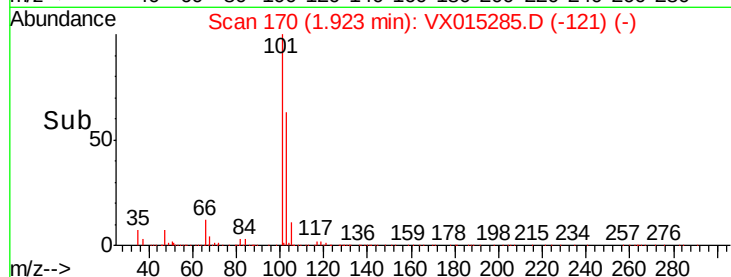
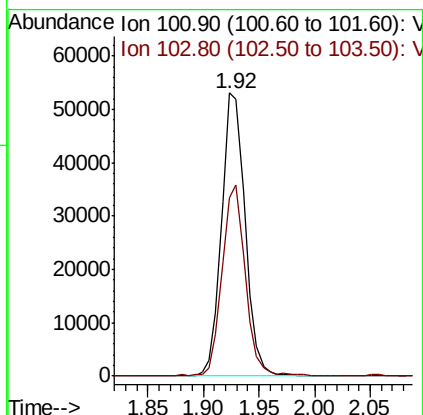
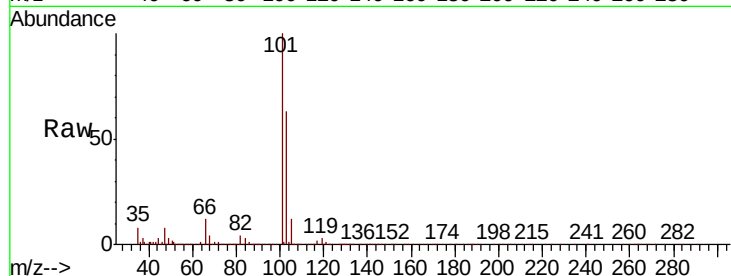


#7

Trichlorofluoromethane
Concen: 17.204 ug/l
RT: 1.92 min Scan# 170
Delta R.T. -0.00 min
Lab File: VX015285.D
Acq: 16 Mar 2020 11:49

Instrument :
MSVOA_X
ClientSampleId :
VX0316WBSD01

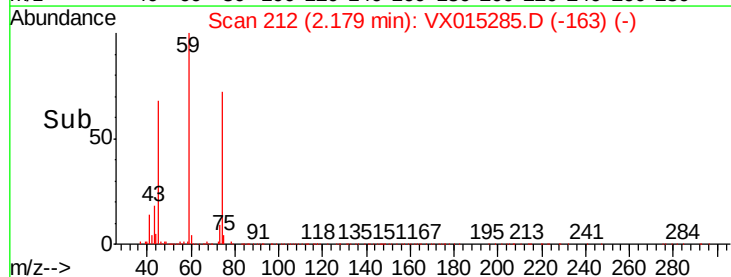
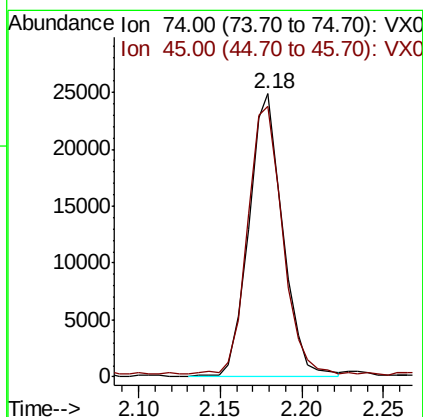
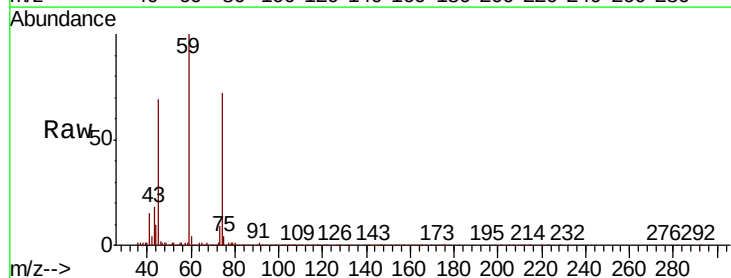
Tot Ion:101 Resp: 78199
Ion Ratio Lower Upper
101 100
103 63.1 50.4 75.6

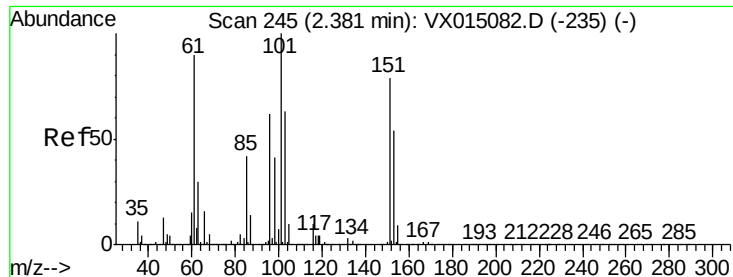


#8

Diethyl Ether
Concen: 17.565 ug/l
RT: 2.18 min Scan# 212
Delta R.T. -0.00 min
Lab File: VX015285.D
Acq: 16 Mar 2020 11:49

Tgt Ion: 74 Resp: 36162
Ion Ratio Lower Upper
74 100
45 98.6 49.2 147.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 17.995 ug/l

RT: 2.37 min Scan# 244

Delta R.T. -0.01 min

Lab File: VX015285.D

Acq: 16 Mar 2020 11:49

Instrument :

MSVOA_X

ClientSampleId :

VX0316WBSD01

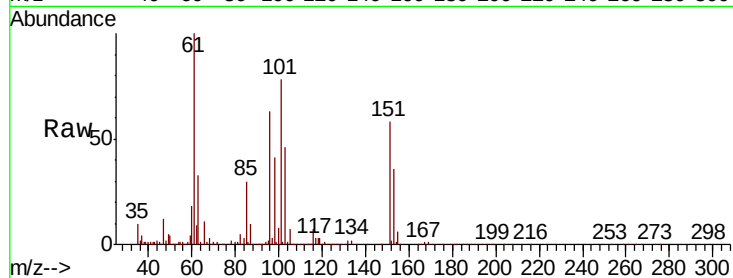
Tot Ion:101 Resp: 51462

Ion Ratio Lower Upper

101 100

85 41.9 33.7 50.5

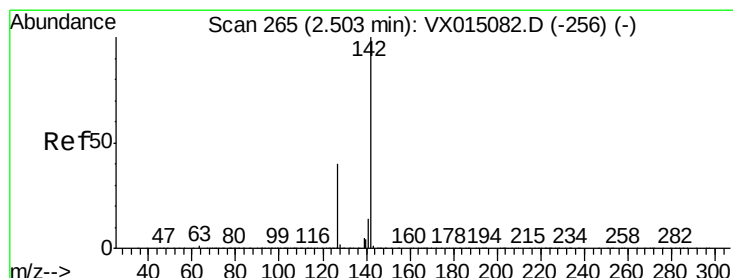
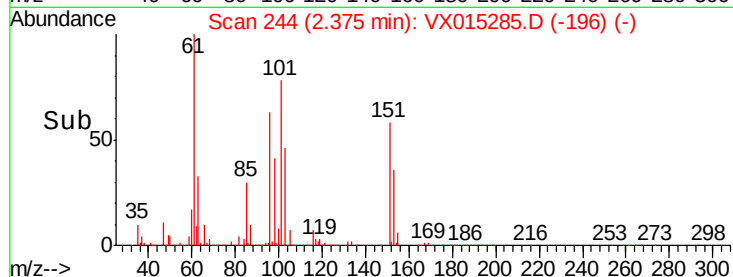
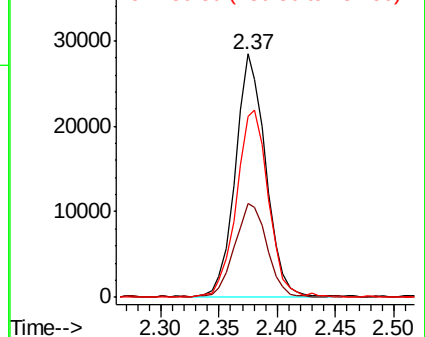
151 81.9 64.0 96.0



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: 15.867 ug/l

RT: 2.50 min Scan# 265

Delta R.T. -0.00 min

Lab File: VX015285.D

Acq: 16 Mar 2020 11:49

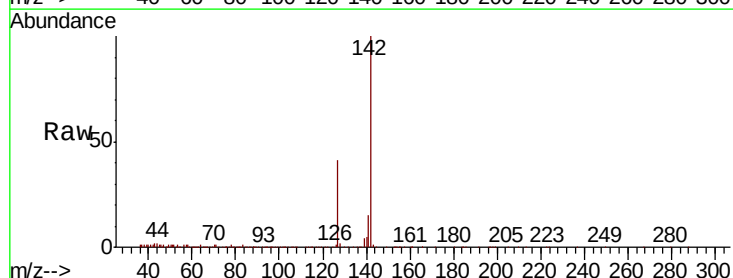
Tgt Ion:142 Resp: 51265

Ion Ratio Lower Upper

142 100

127 40.3 31.7 47.5

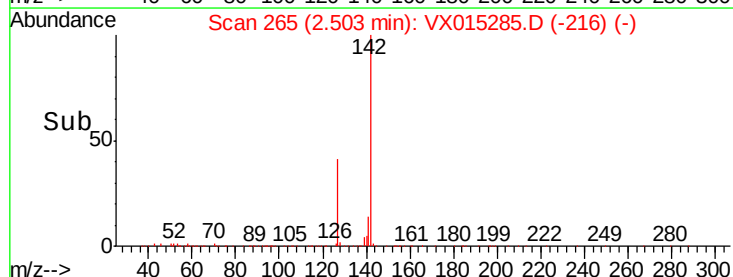
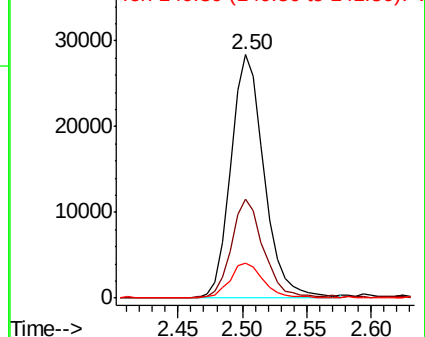
141 14.9 11.3 16.9

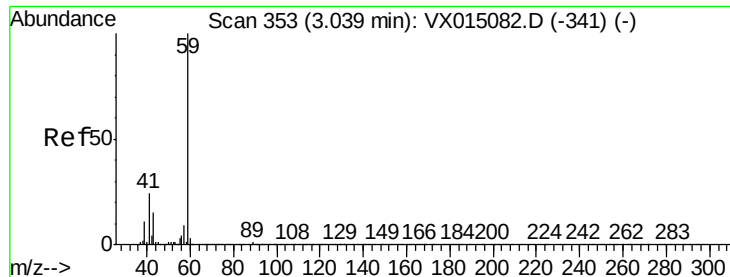


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



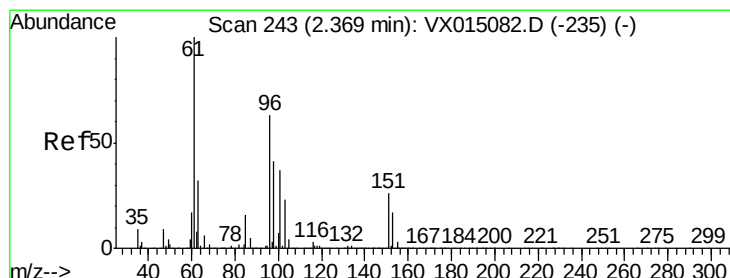
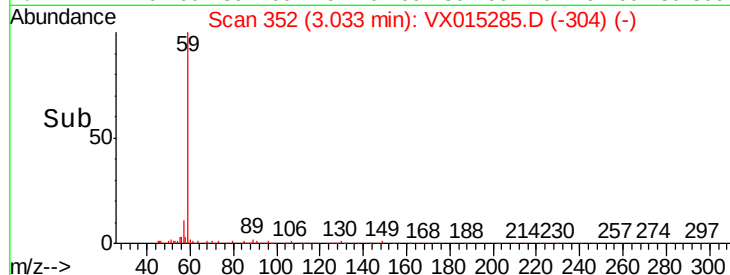
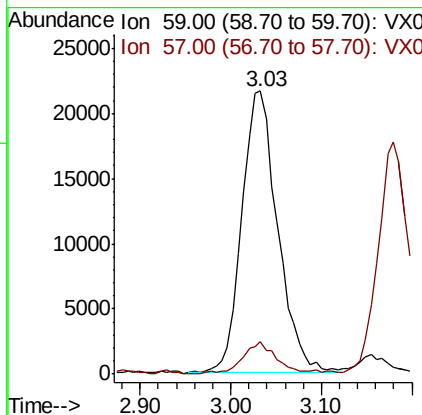
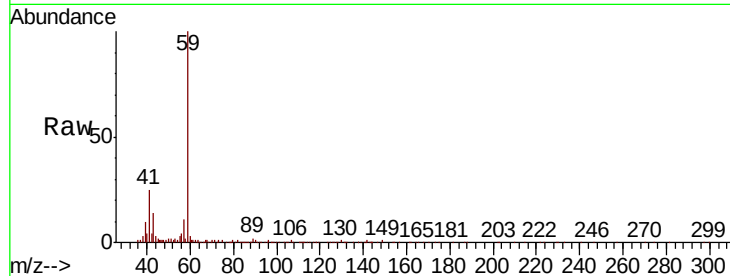


#11

Tert butyl alcohol
 Concen: 94.716 ug/l
 RT: 3.03 min Scan# 352
 Delta R.T. -0.01 min
 Lab File: VX015285.D
 Acq: 16 Mar 2020 11:49

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0316WBSD01

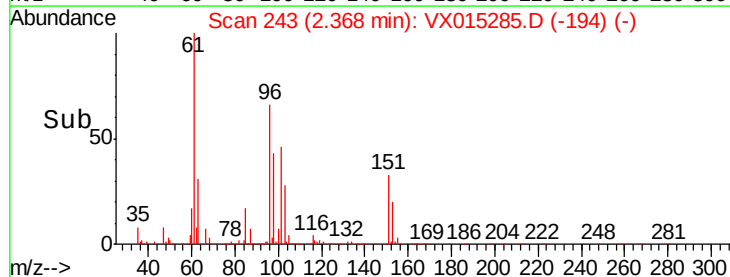
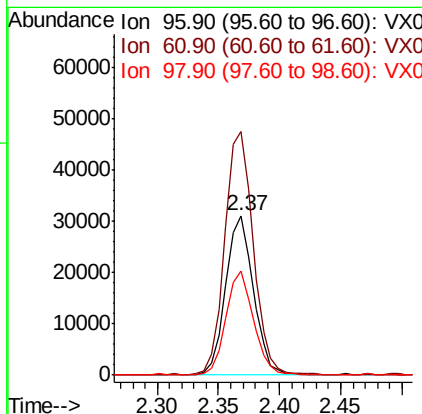
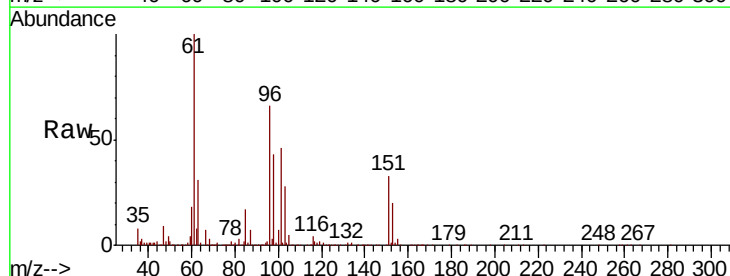
Tot Ion: 59 Resp: 59212
 Ion Ratio Lower Upper
 59 100
 57 9.1 8.2 12.4

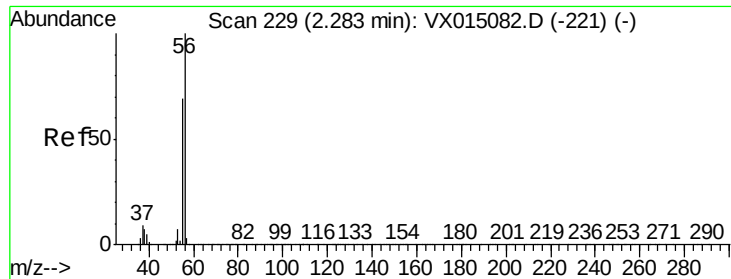


#12

1,1-Dichloroethene
 Concen: 16.650 ug/l
 RT: 2.37 min Scan# 243
 Delta R.T. -0.00 min
 Lab File: VX015285.D
 Acq: 16 Mar 2020 11:49

Tgt Ion: 96 Resp: 49142
 Ion Ratio Lower Upper
 96 100
 61 152.3 126.2 189.4
 98 65.0 51.4 77.0

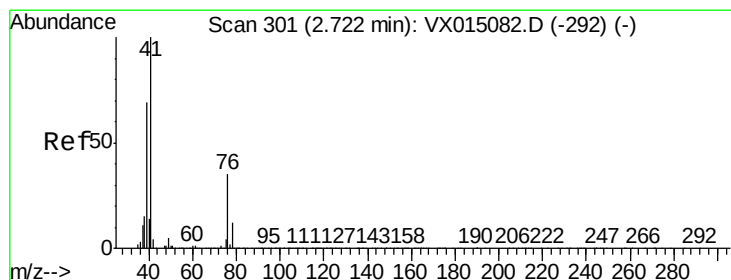
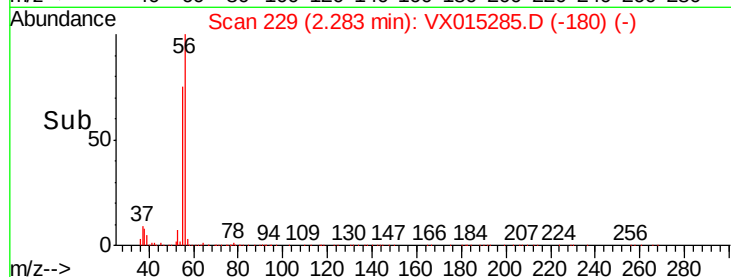
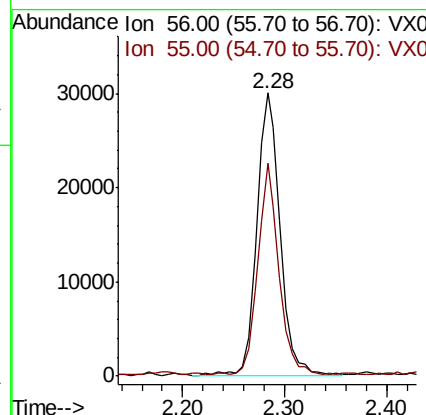
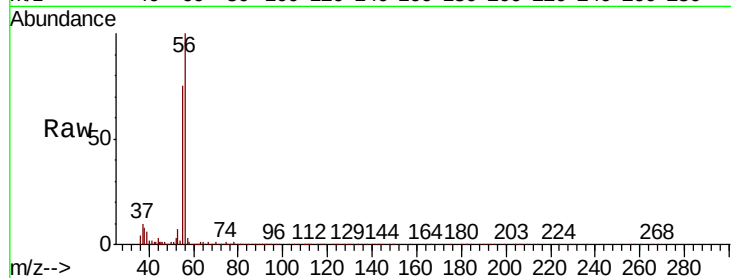




#13
Acrolein
Concen: 81.011 ug/l
RT: 2.28 min Scan# 229
Delta R.T. -0.00 min
Lab File: VX015285.D
Acq: 16 Mar 2020 11:49

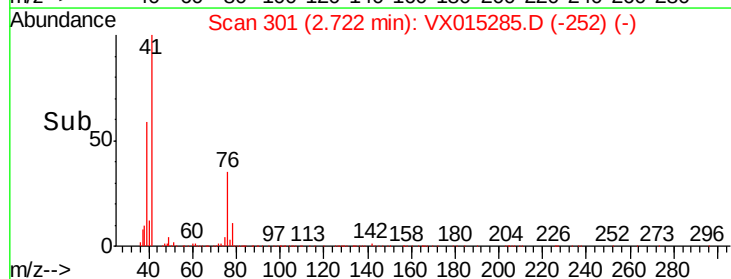
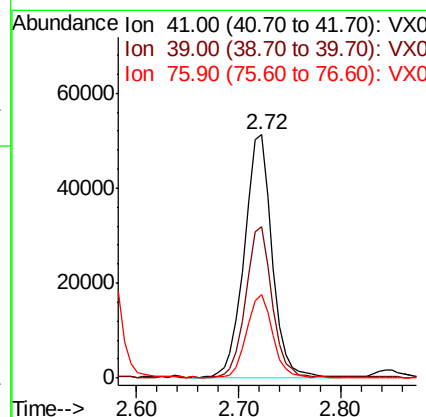
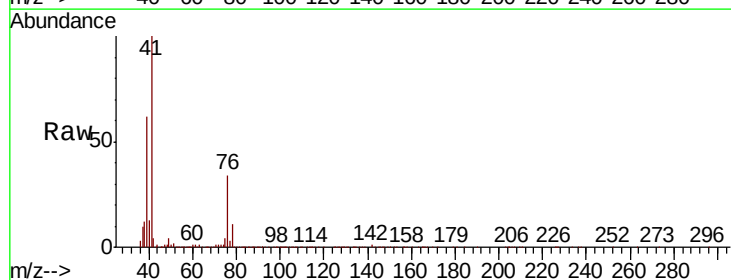
Instrument :
MSVOA_X
ClientSampleId :
VX0316WBSD01

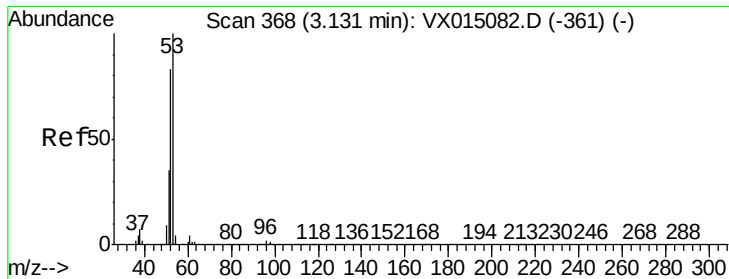
Tot Ion: 56 Resp: 47594
Ion Ratio Lower Upper
56 100
55 68.2 55.4 83.0



#14
Allyl chloride
Concen: 18.921 ug/l
RT: 2.72 min Scan# 301
Delta R.T. -0.00 min
Lab File: VX015285.D
Acq: 16 Mar 2020 11:49

Tgt Ion: 41 Resp: 97374
Ion Ratio Lower Upper
41 100
39 58.7 52.9 79.3
76 31.5 26.8 40.2





#15

Acrylonitrile

Concen: 98.593 ug/l

RT: 3.13 min Scan# 368

Delta R.T. -0.00 min

Lab File: VX015285.D

Acq: 16 Mar 2020 11:49

Instrument :

MSVOA_X

ClientSampleId :

VX0316WBSD01

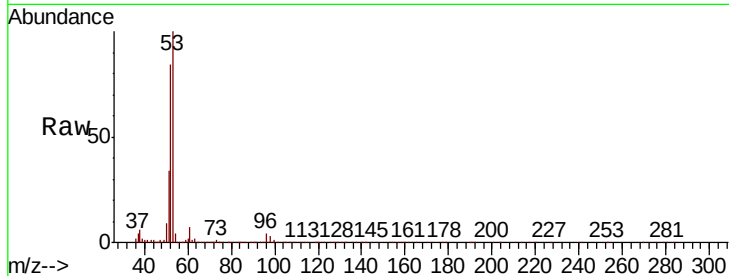
Tot Ion: 53 Resp: 153498

Ion Ratio Lower Upper

53 100

52 81.1 66.6 100.0

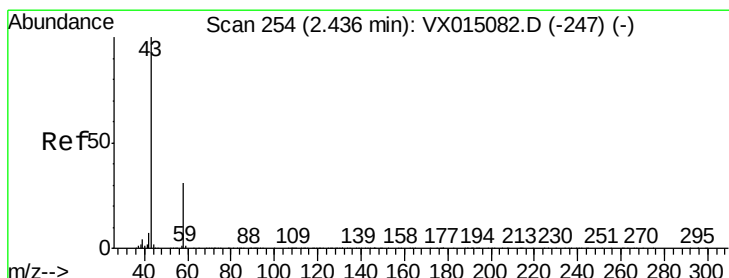
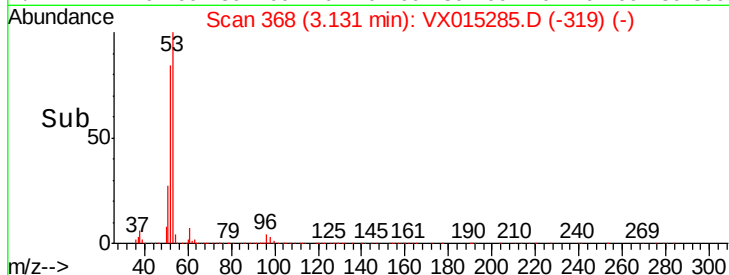
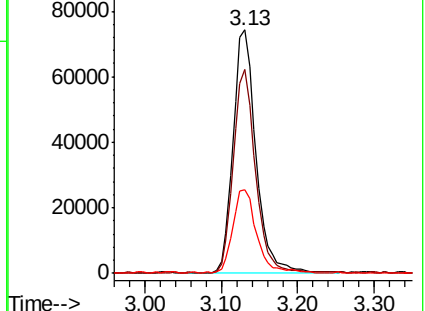
51 34.8 29.0 43.6



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 85.962 ug/l

RT: 2.43 min Scan# 253

Delta R.T. -0.01 min

Lab File: VX015285.D

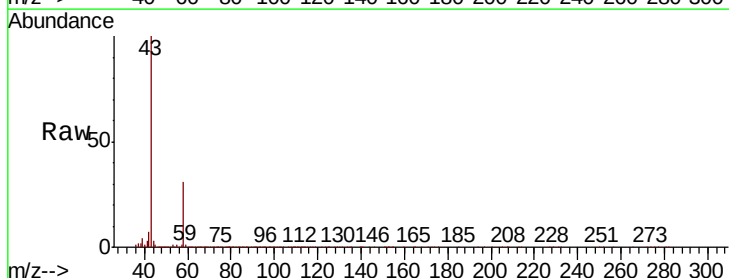
Acq: 16 Mar 2020 11:49

Tgt Ion: 43 Resp: 125438

Ion Ratio Lower Upper

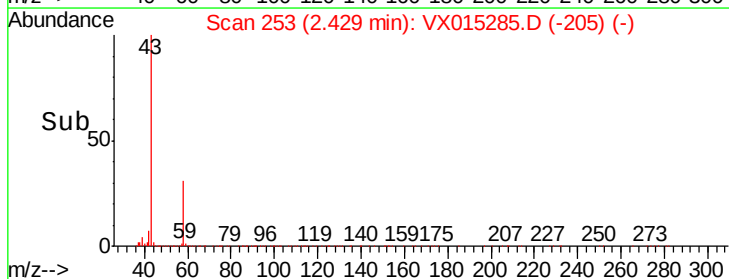
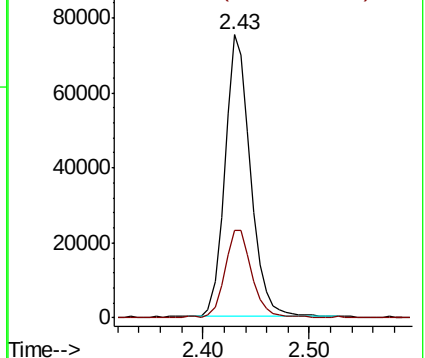
43 100

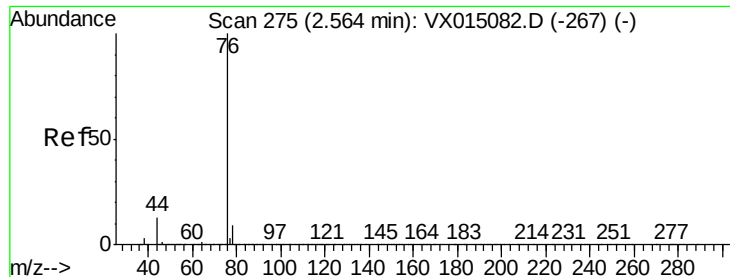
58 30.7 24.8 37.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 15.739 ug/l

RT: 2.56 min Scan# 275

Delta R.T. -0.00 min

Lab File: VX015285.D

Acq: 16 Mar 2020 11:49

Instrument :

MSVOA_X

ClientSampleId :

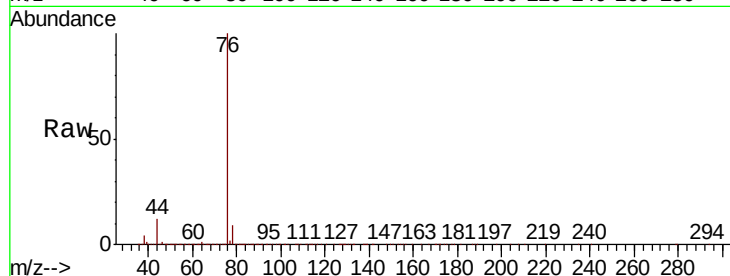
VX0316WBSD01

Tot Ion: 76 Resp: 129001

Ion Ratio Lower Upper

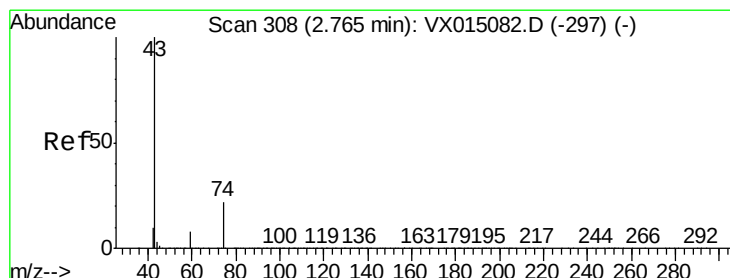
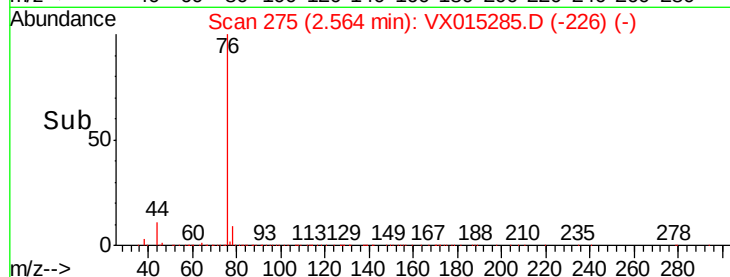
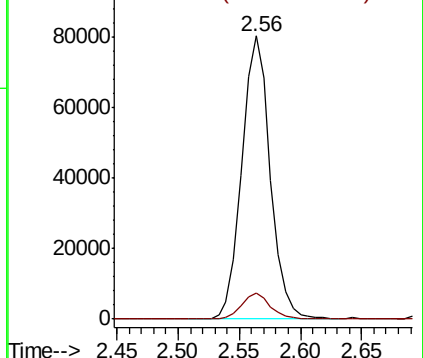
76 100

78 9.3 7.3 10.9



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 19.595 ug/l

RT: 2.76 min Scan# 307

Delta R.T. -0.01 min

Lab File: VX015285.D

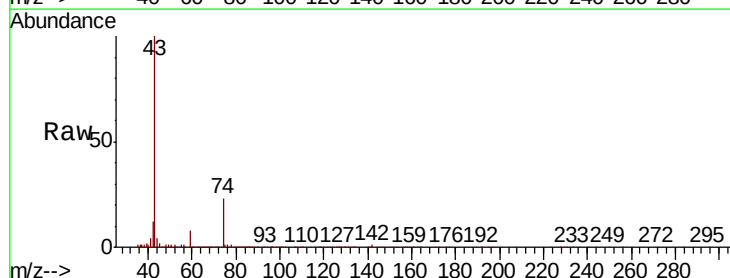
Acq: 16 Mar 2020 11:49

Tgt Ion: 43 Resp: 69917

Ion Ratio Lower Upper

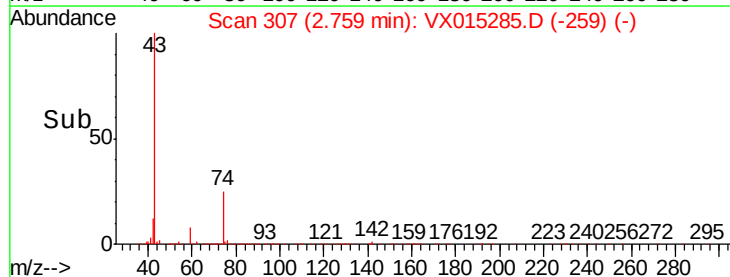
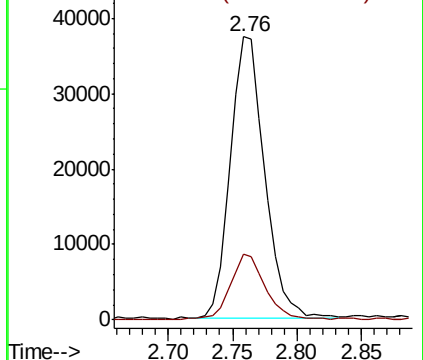
43 100

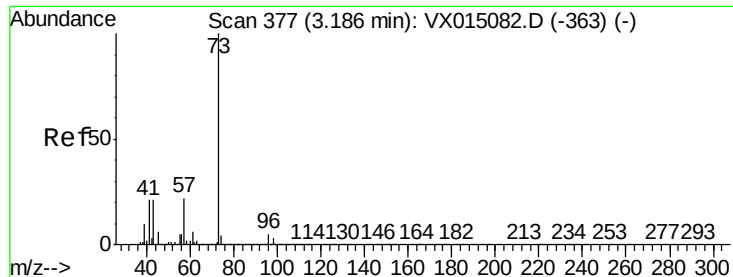
74 23.6 18.8 28.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

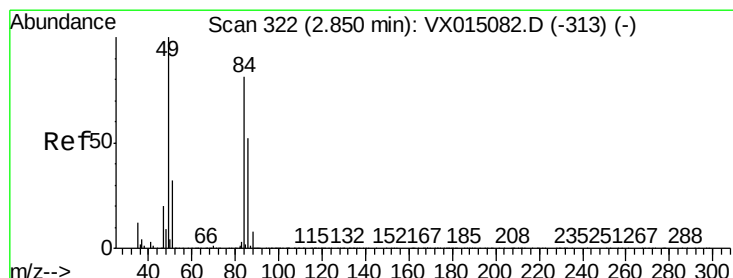
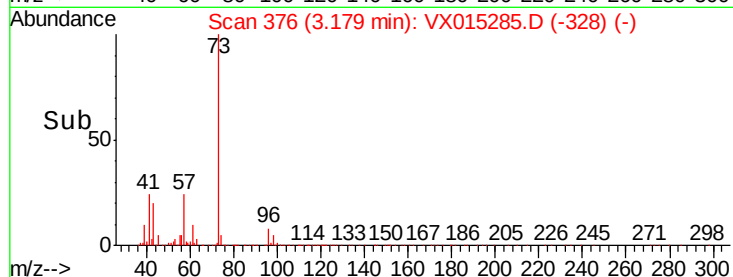
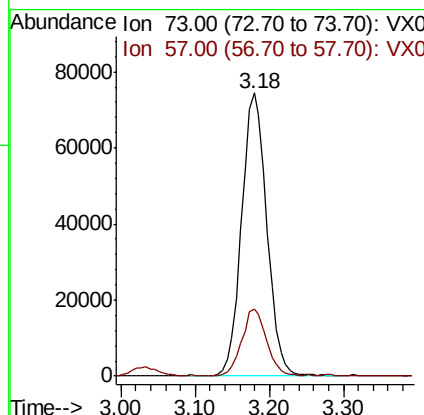
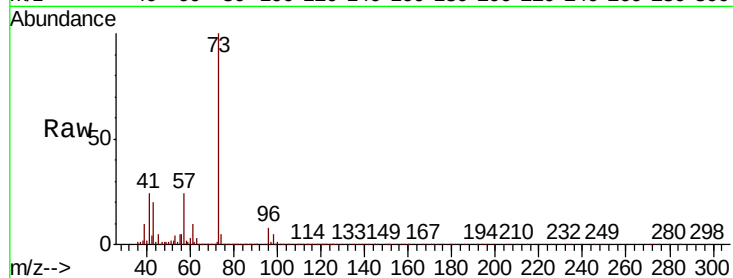




#19
Methyl tert-butyl Ether
Concen: 19.162 ug/l
RT: 3.18 min Scan# 376
Delta R.T. -0.01 min
Lab File: VX015285.D
Acq: 16 Mar 2020 11:49

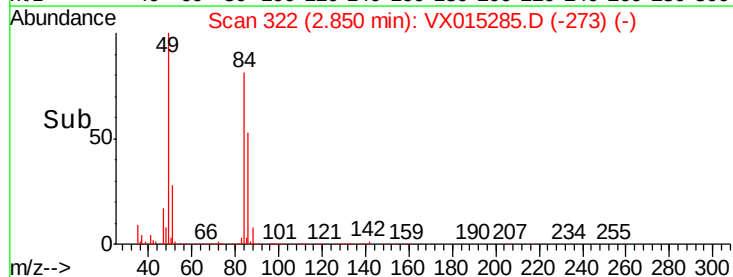
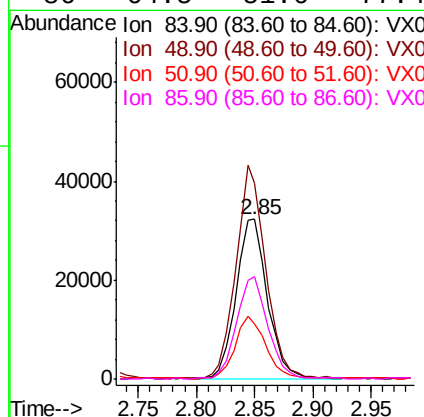
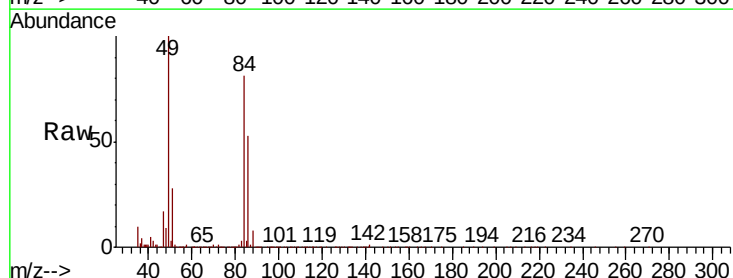
Instrument :
MSVOA_X
ClientSampleId :
VX0316WBSD01

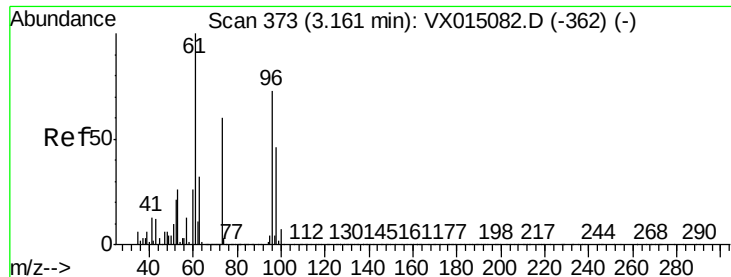
Tot Ion: 73 Resp: 176730
Ion Ratio Lower Upper
73 100
57 23.8 17.8 26.6



#20
Methylene Chloride
Concen: 17.646 ug/l
RT: 2.85 min Scan# 322
Delta R.T. -0.00 min
Lab File: VX015285.D
Acq: 16 Mar 2020 11:49

Tgt Ion: 84 Resp: 60260
Ion Ratio Lower Upper
84 100
49 122.6 99.4 149.2
51 33.9 31.5 47.3
86 64.5 51.6 77.4





#21

trans-1,2-Dichloroethene

Concen: 17.274 ug/l

RT: 3.15 min Scan# 372

Delta R.T. -0.01 min

Lab File: VX015285.D

Acq: 16 Mar 2020 11:49

Instrument :

MSVOA_X

ClientSampleId :

VX0316WBSD01

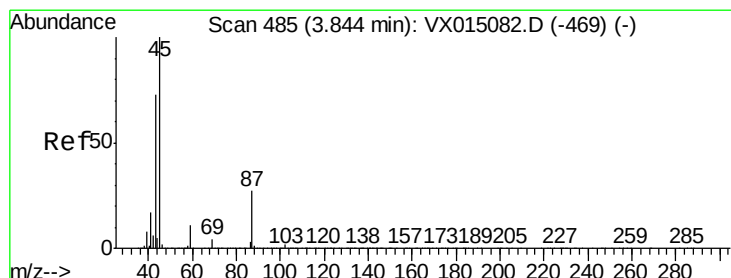
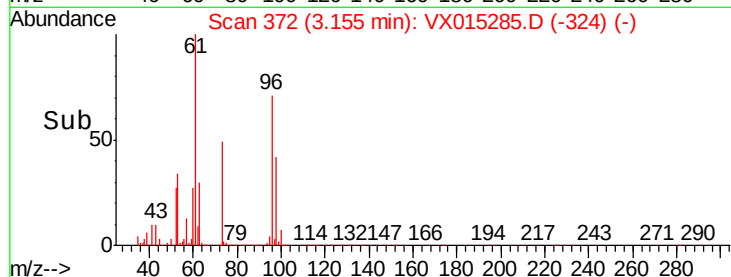
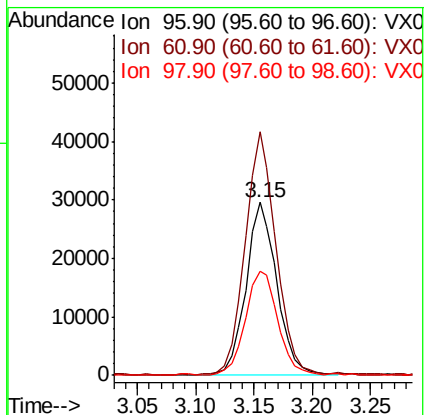
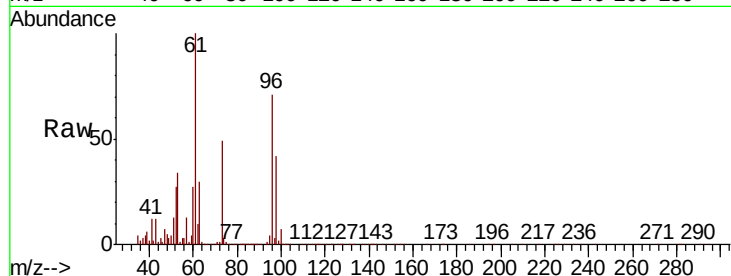
Tot Ion: 96 Resp: 54440

Ion Ratio Lower Upper

96 100

61 140.9 109.9 164.9

98 59.3 50.2 75.2



#22

Diisopropyl ether

Concen: 20.257 ug/l

RT: 3.84 min Scan# 484

Delta R.T. -0.01 min

Lab File: VX015285.D

Acq: 16 Mar 2020 11:49

Tgt Ion: 45 Resp: 207693

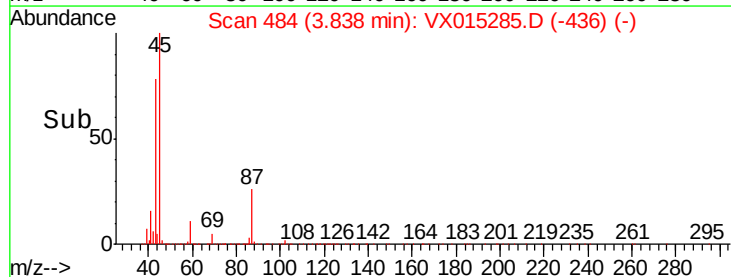
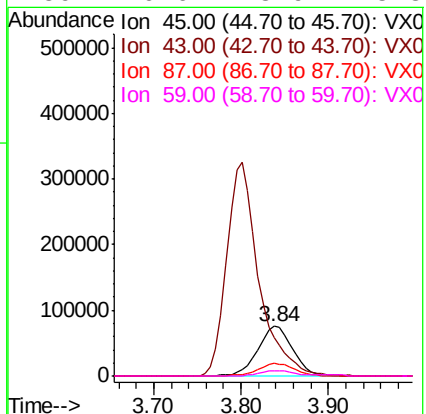
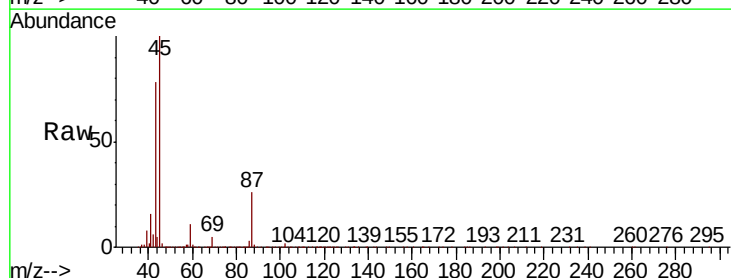
Ion Ratio Lower Upper

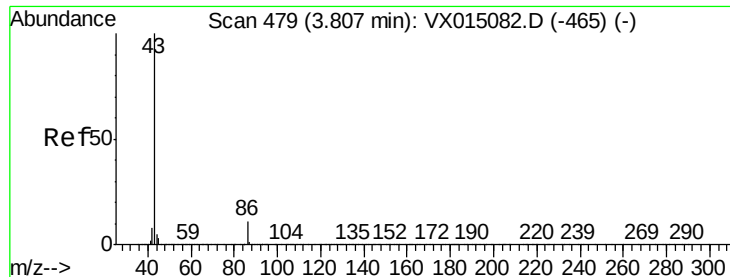
45 100

43 77.7 58.2 87.2

87 25.8 21.2 31.8

59 10.6 8.9 13.3





#23

Vinyl Acetate

Concen: 99.014 ug/l

RT: 3.80 min Scan# 478

Delta R.T. -0.01 min

Lab File: VX015285.D

Acq: 16 Mar 2020 11:49

Instrument :

MSVOA_X

ClientSampleId :

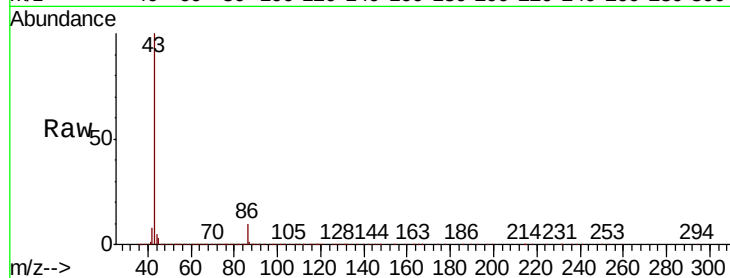
VX0316WBSD01

Tot Ion: 43 Resp: 834506

Ion Ratio Lower Upper

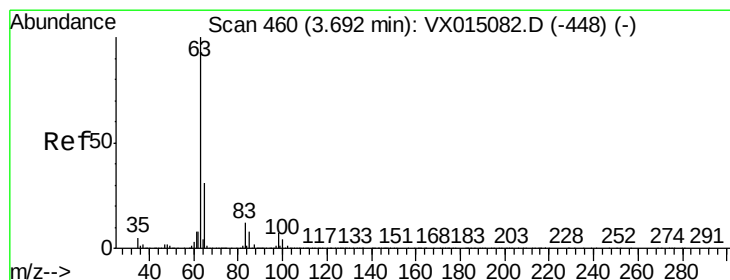
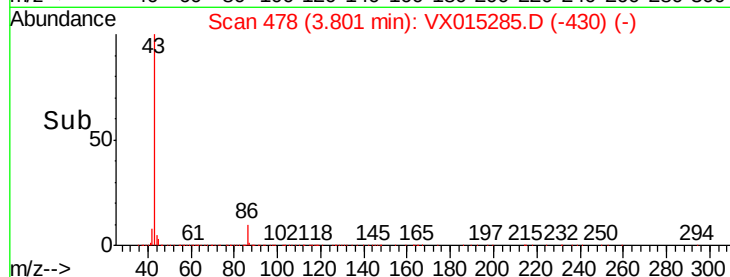
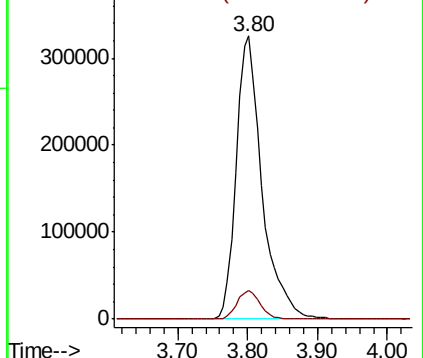
43 100

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



#24

1,1-Dichloroethane

Concen: 18.308 ug/l

RT: 3.69 min Scan# 459

Delta R.T. -0.01 min

Lab File: VX015285.D

Acq: 16 Mar 2020 11:49

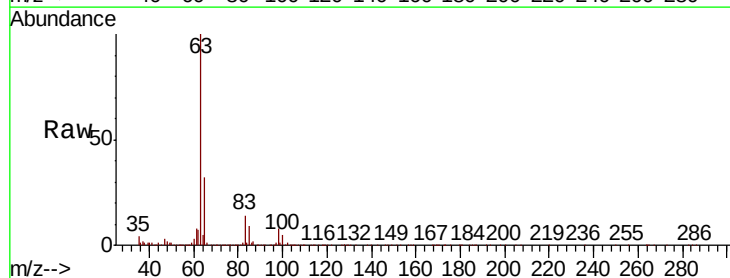
Tgt Ion: 63 Resp: 104183

Ion Ratio Lower Upper

63 100

98 8.1 3.7 11.1

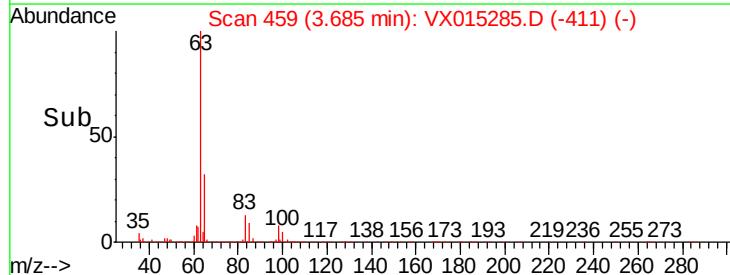
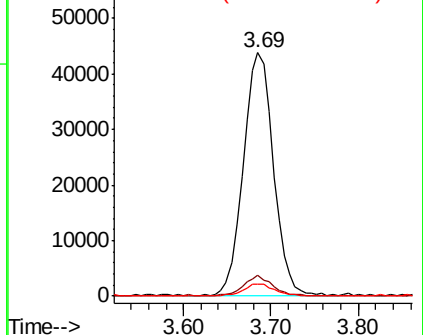
100 4.8 2.1 6.5

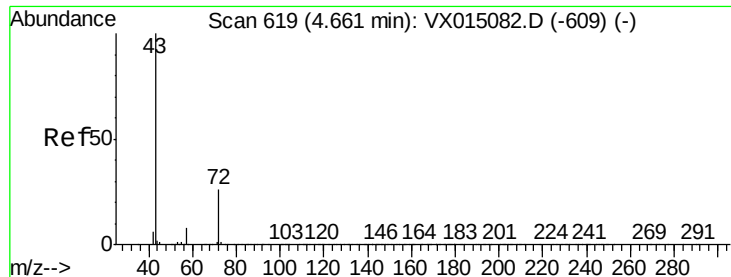


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 97.866 ug/l

RT: 4.65 min Scan# 618

Delta R.T. -0.01 min

Lab File: VX015285.D

Acq: 16 Mar 2020 11:49

Instrument :

MSVOA_X

ClientSampleId :

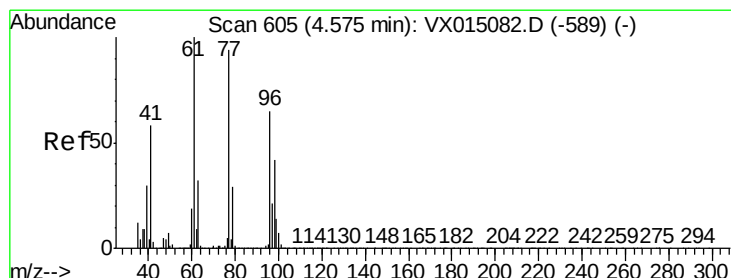
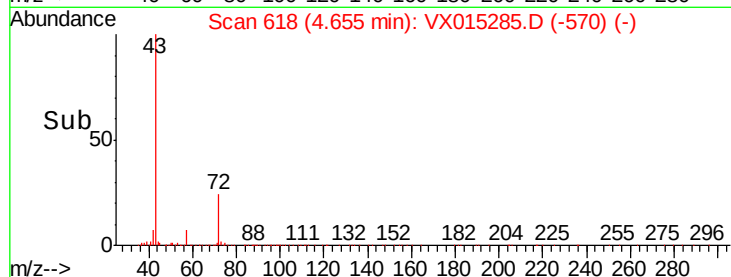
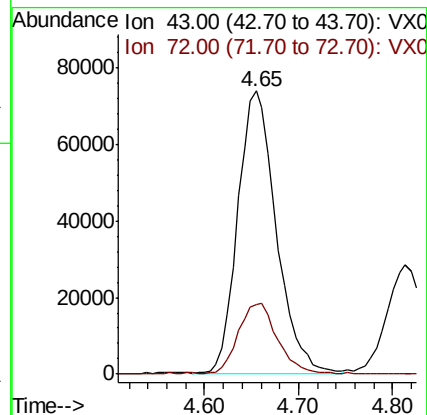
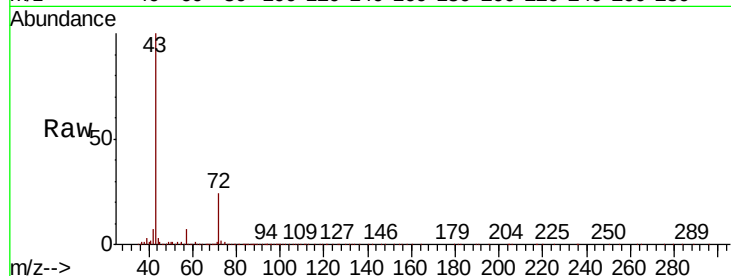
VX0316WBSD01

Tot Ion: 43 Resp: 209072

Ion Ratio Lower Upper

43 100

72 24.2 20.6 30.8



#26

2,2-Dichloropropane

Concen: 18.042 ug/l

RT: 4.57 min Scan# 604

Delta R.T. -0.01 min

Lab File: VX015285.D

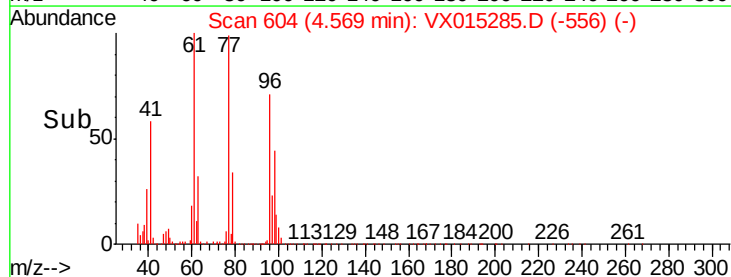
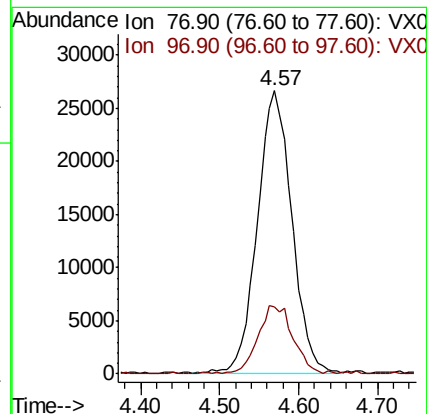
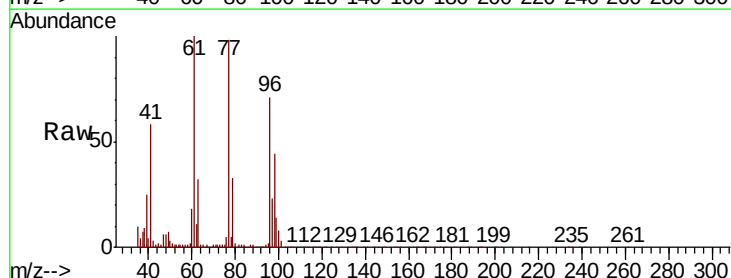
Acq: 16 Mar 2020 11:49

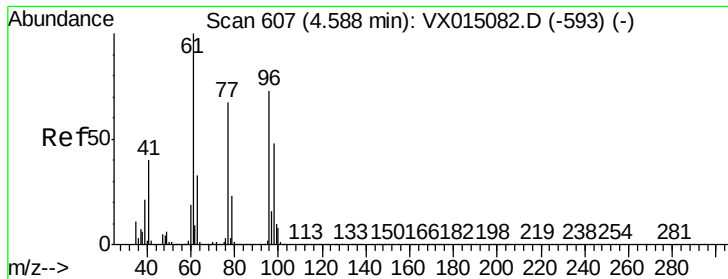
Tgt Ion: 77 Resp: 81502

Ion Ratio Lower Upper

77 100

97 24.2 11.8 35.4



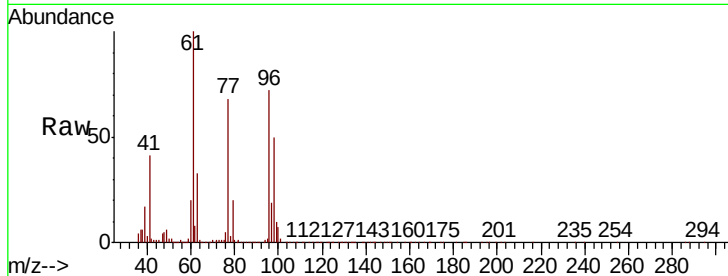


#27

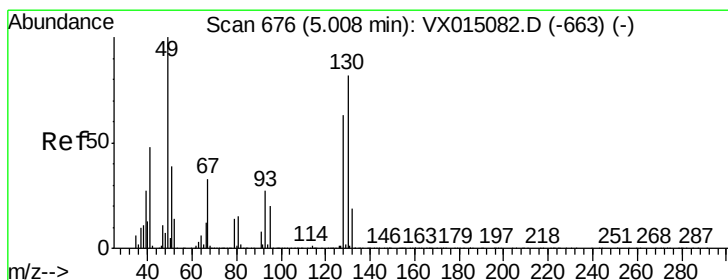
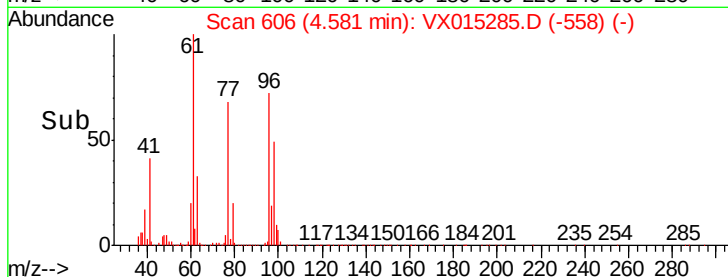
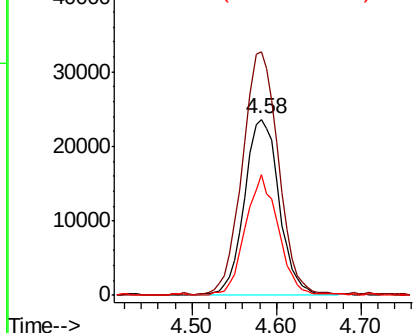
cis-1,2-Dichloroethene
Concen: 18.745 ug/l
RT: 4.58 min Scan# 606
Delta R.T. -0.01 min
Lab File: VX015285.D
Acq: 16 Mar 2020 11:49

Instrument :
MSVOA_X
ClientSampleId :
VX0316WBSD01

Tot Ion	Ratio	Lower	Upper
96	100		
61	142.5	0.0	286.8
98	63.3	0.0	128.4



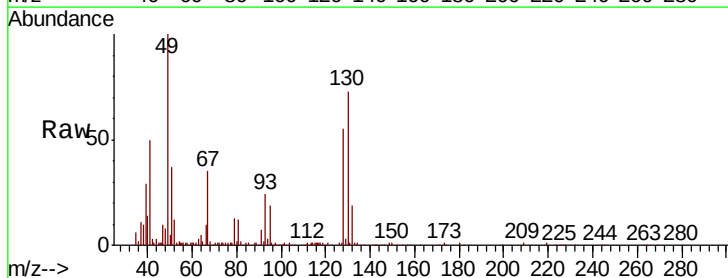
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



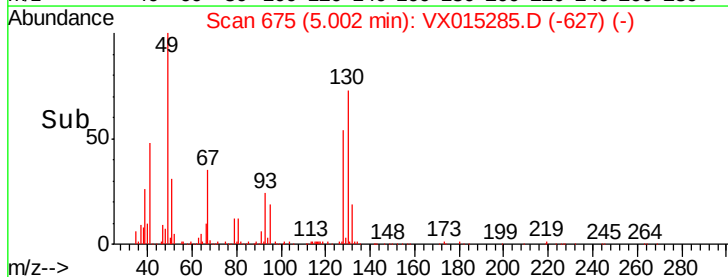
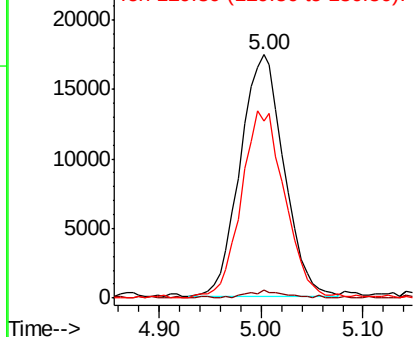
#28

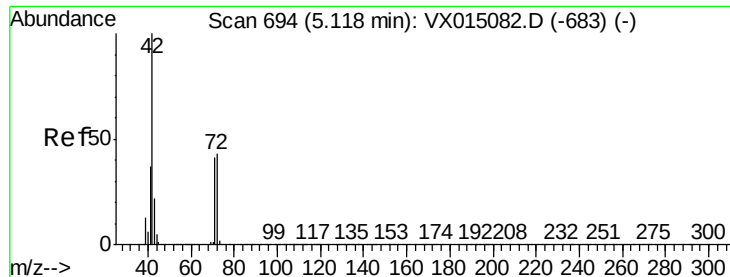
Bromochloromethane
Concen: 19.928 ug/l
RT: 5.00 min Scan# 675
Delta R.T. -0.01 min
Lab File: VX015285.D
Acq: 16 Mar 2020 11:49

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.7	0.0	4.4
130	77.8	65.0	97.6



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





#29

Tetrahydrofuran

Concen: 97.072 ug/l

RT: 5.11 min Scan# 693

Delta R.T. -0.01 min

Lab File: VX015285.D

Acq: 16 Mar 2020 11:49

Instrument :

MSVOA_X

ClientSampleId :

VX0316WBSD01

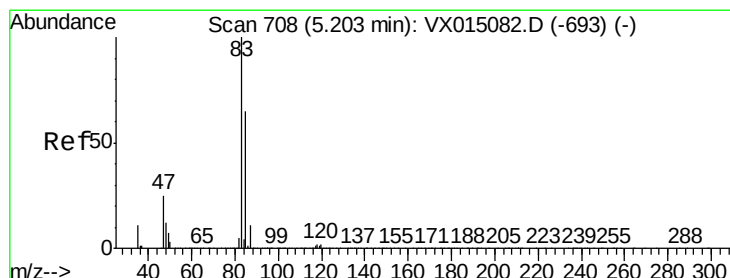
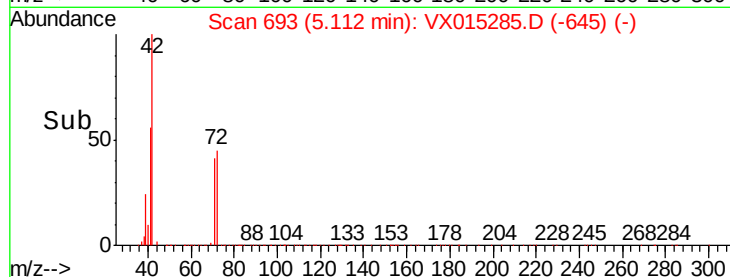
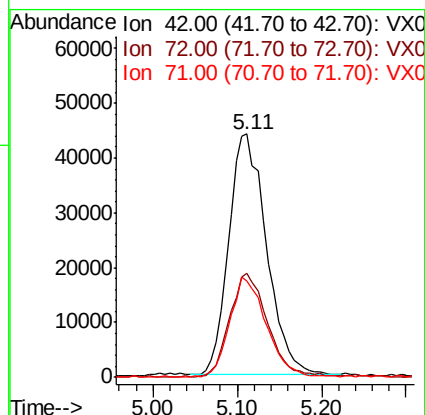
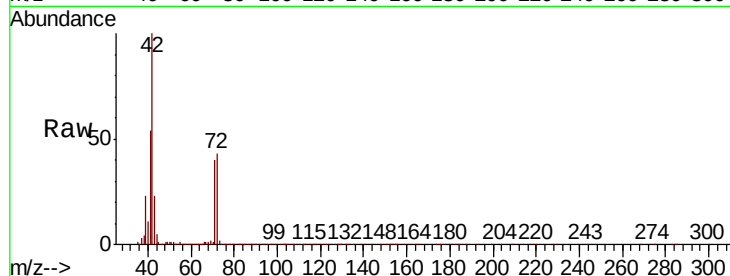
Tot Ion: 42 Resp: 133677

Ion Ratio Lower Upper

42 100

72 42.8 36.4 54.6

71 40.8 33.3 49.9



#30

Chloroform

Concen: 18.631 ug/l

RT: 5.20 min Scan# 707

Delta R.T. -0.01 min

Lab File: VX015285.D

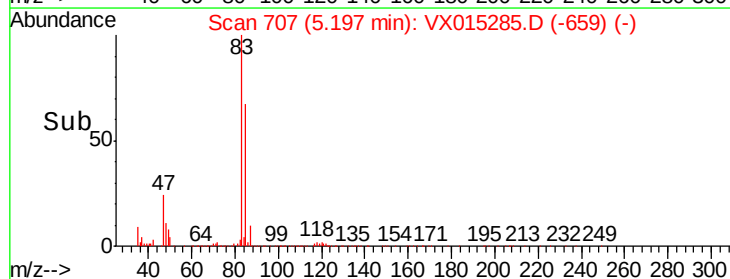
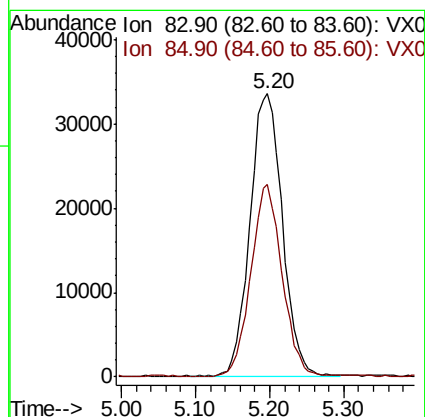
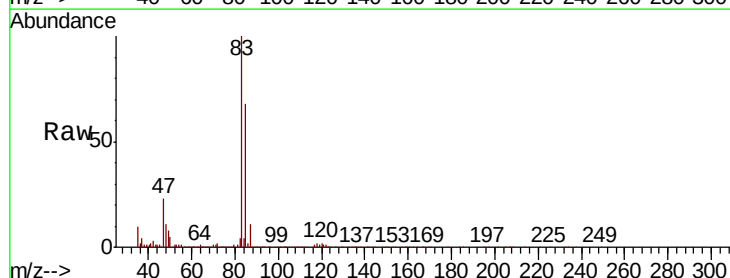
Acq: 16 Mar 2020 11:49

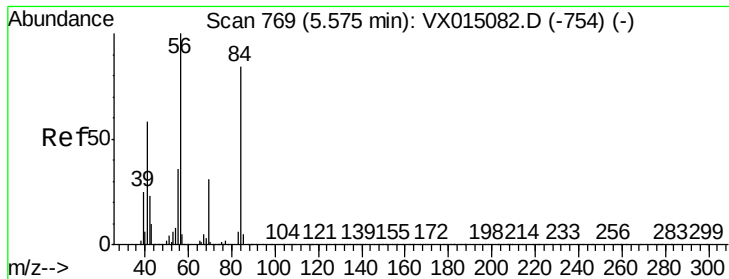
Tgt Ion: 83 Resp: 103335

Ion Ratio Lower Upper

83 100

85 67.6 52.0 78.0

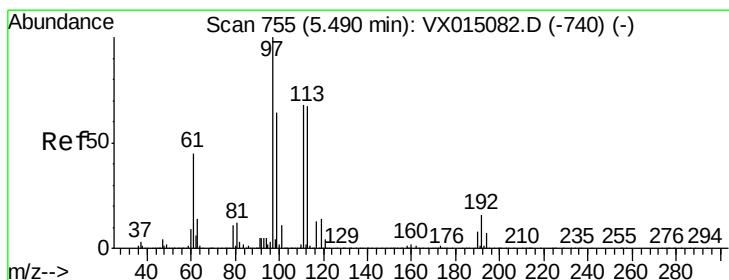
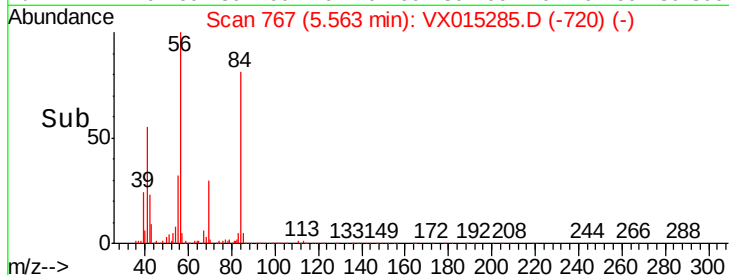
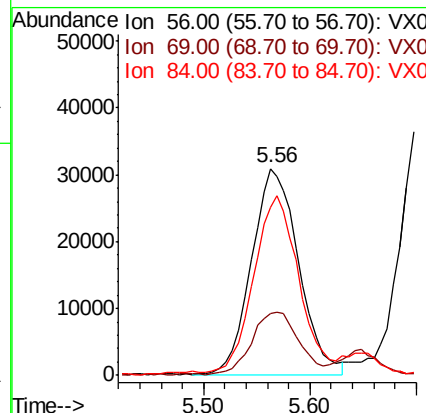
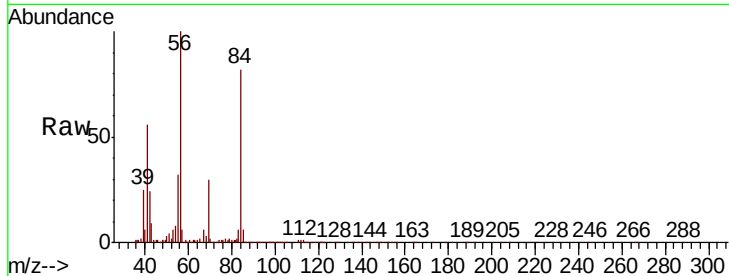




#31
Cyclohexane
Concen: 18.744 ug/l
RT: 5.56 min Scan# 767
Delta R.T. -0.01 min
Lab File: VX015285.D
Acq: 16 Mar 2020 11:49

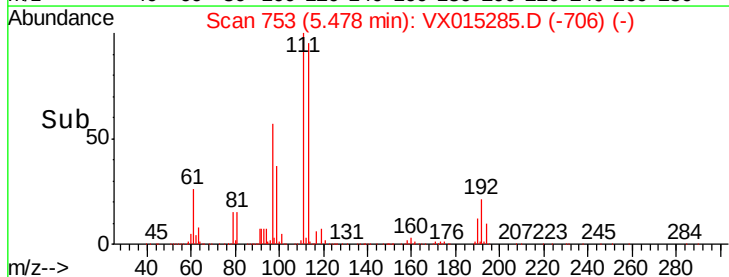
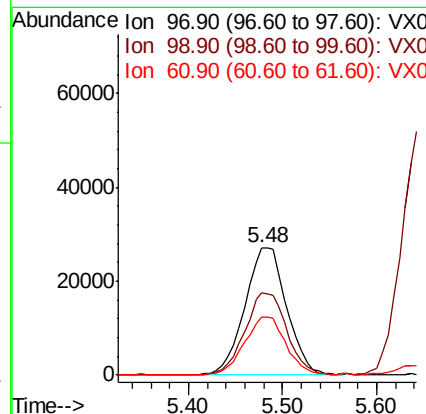
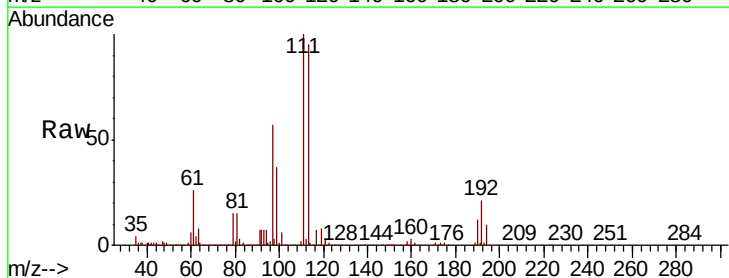
Instrument :
MSVOA_X
ClientSampleId :
VX0316WBSD01

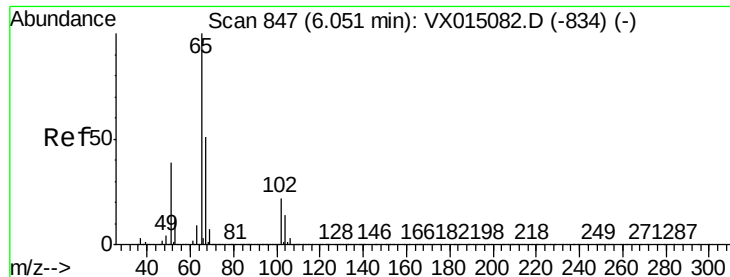
Tot Ion: 56 Resp: 95138
Ion Ratio Lower Upper
56 100
69 29.3 25.0 37.6
84 80.3 67.6 101.4



#32
1,1,1-Trichloroethane
Concen: 18.262 ug/l
RT: 5.48 min Scan# 753
Delta R.T. -0.01 min
Lab File: VX015285.D
Acq: 16 Mar 2020 11:49

Tgt Ion: 97 Resp: 83961
Ion Ratio Lower Upper
97 100
99 65.2 52.8 79.2
61 44.4 36.6 54.8

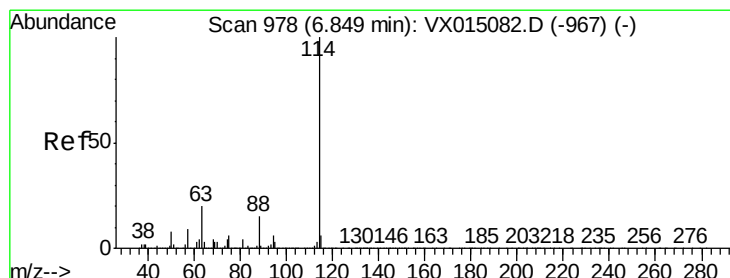
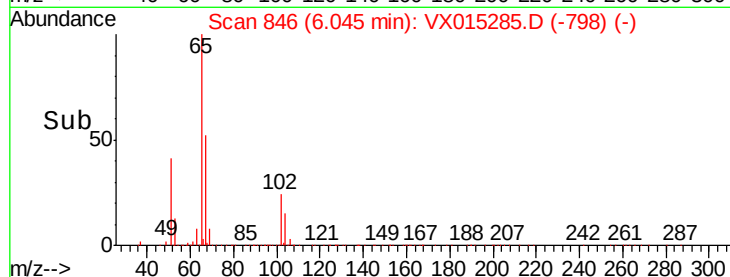
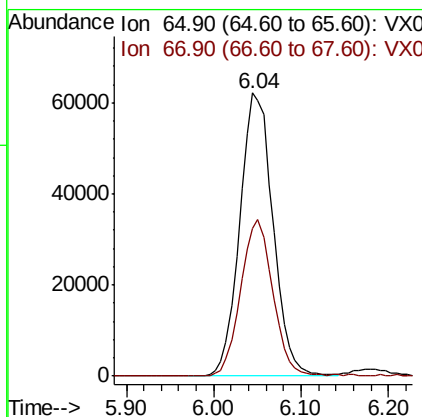
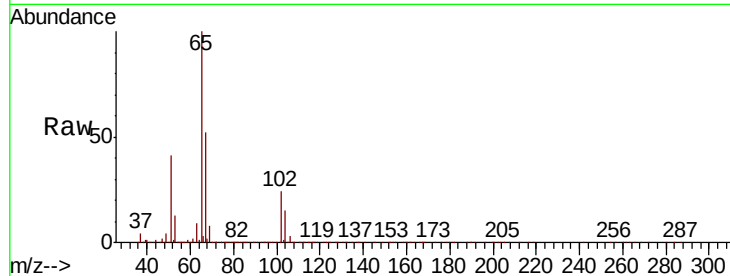




#33
 1,2-Dichloroethane-d4
 Concen: 45.321 ug/l
 RT: 6.04 min Scan# 846
 Delta R.T. -0.01 min
 Lab File: VX015285.D
 Acq: 16 Mar 2020 11:49

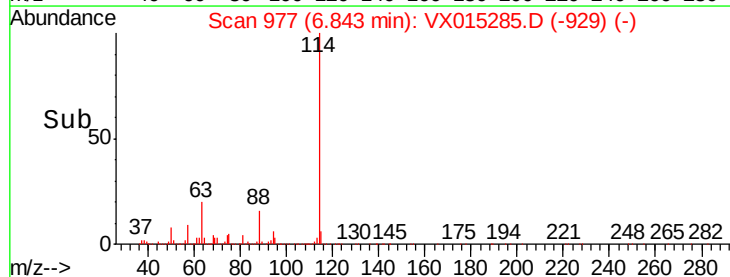
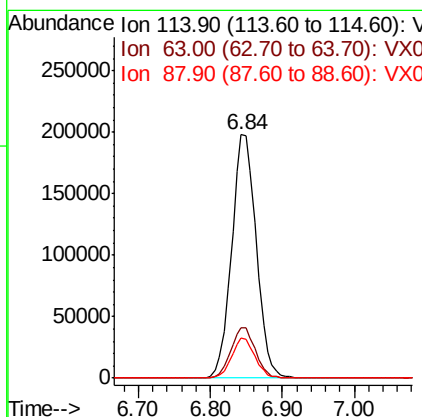
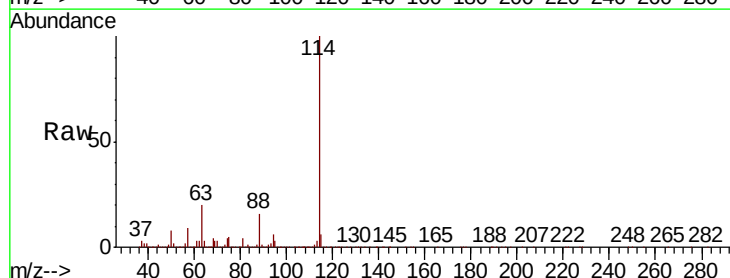
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0316WBSD01

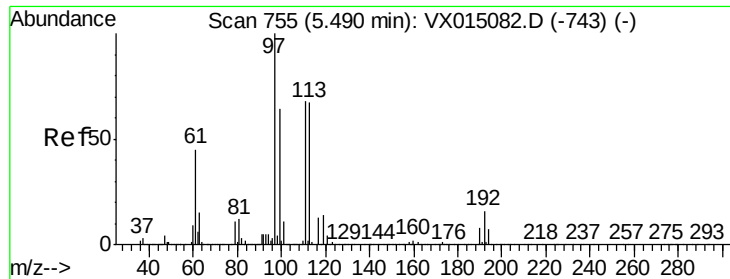
Tot Ion: 65 Resp: 163302
 Ion Ratio Lower Upper
 65 100
 67 53.1 0.0 105.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.84 min Scan# 977
 Delta R.T. -0.01 min
 Lab File: VX015285.D
 Acq: 16 Mar 2020 11:49

Tgt Ion: 114 Resp: 469886
 Ion Ratio Lower Upper
 114 100
 63 20.4 0.0 40.0
 88 16.2 0.0 30.6





#35

Dibromofluoromethane

Concen: 45.979 ug/l

RT: 5.48 min Scan# 754

Delta R.T. -0.01 min

Lab File: VX015285.D

Acq: 16 Mar 2020 11:49

Instrument :

MSVOA_X

ClientSampleId :

VX0316WBSD01

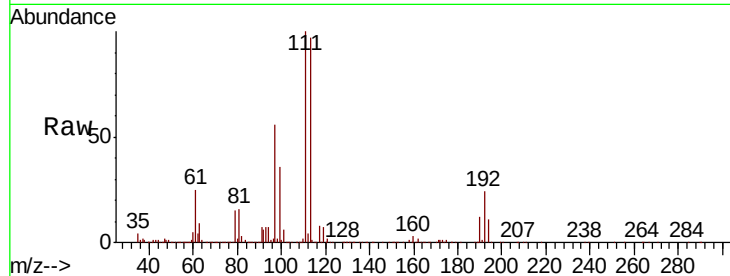
Tot Ion:113 Resp: 136298

Ion Ratio Lower Upper

113 100

111 103.5 82.6 123.8

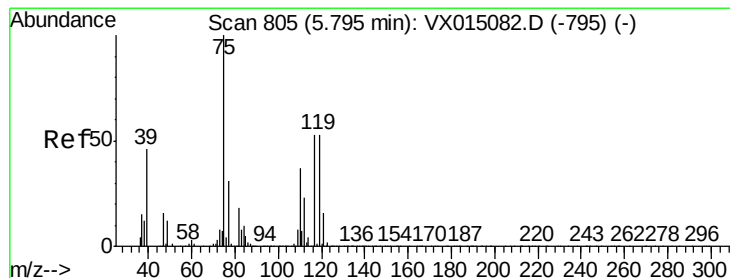
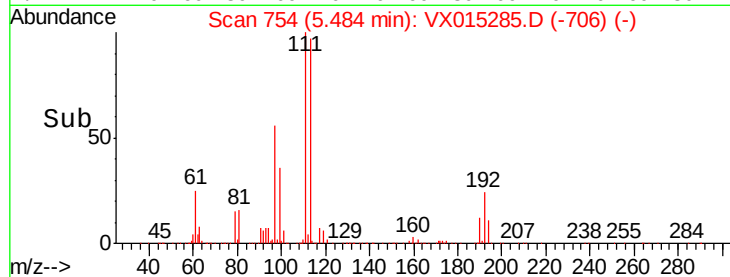
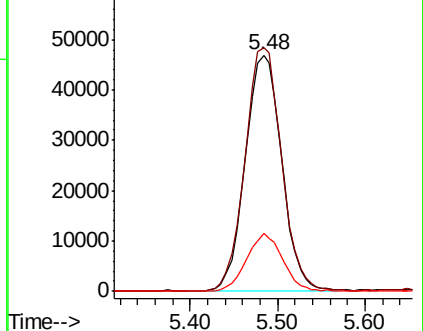
192 24.3 18.6 28.0



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 17.807 ug/l

RT: 5.79 min Scan# 804

Delta R.T. -0.01 min

Lab File: VX015285.D

Acq: 16 Mar 2020 11:49

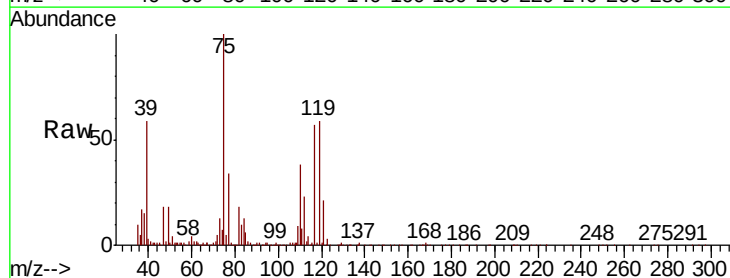
Tgt Ion: 75 Resp: 77353

Ion Ratio Lower Upper

75 100

110 36.4 17.9 53.8

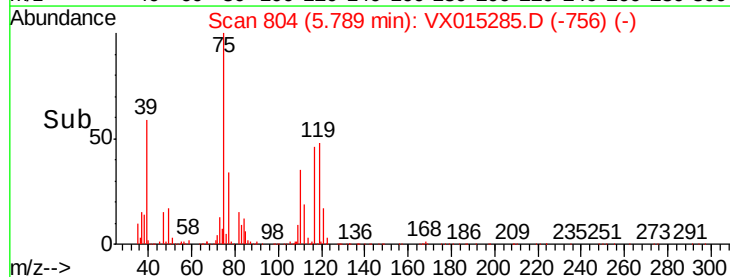
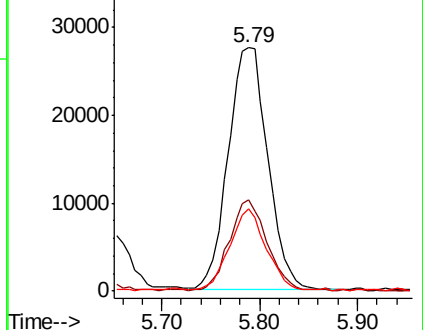
77 30.4 24.8 37.2

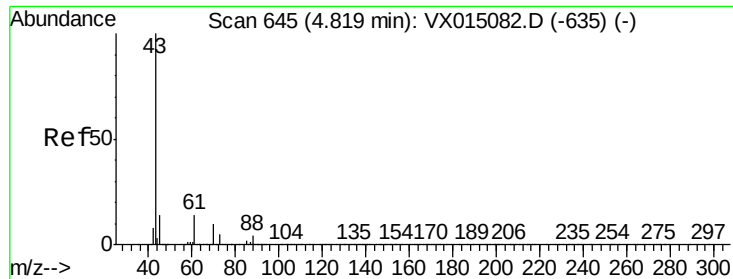


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

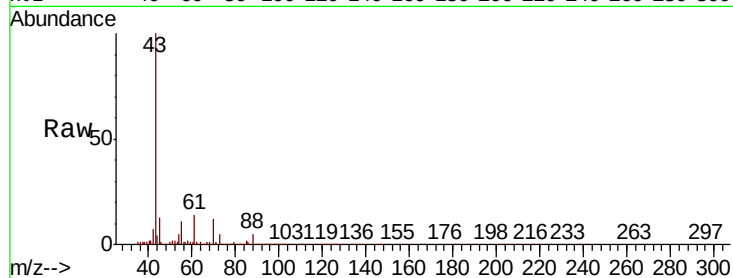




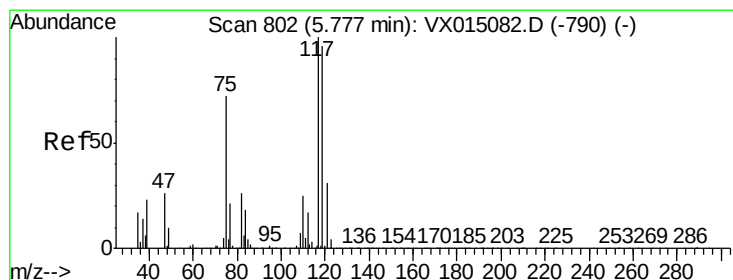
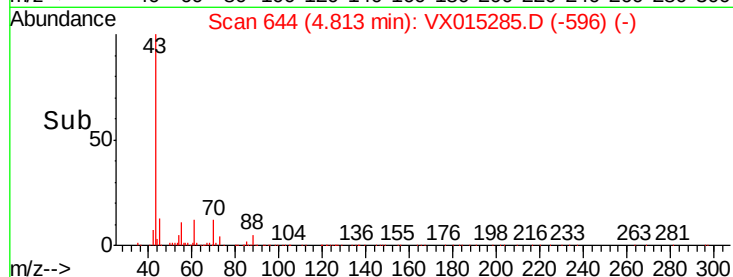
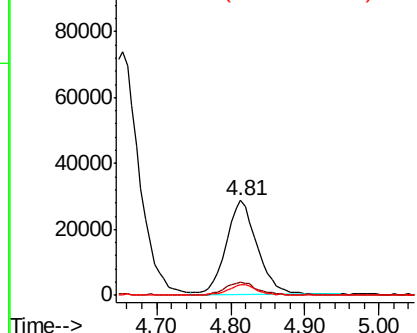
#37
Ethyl Acetate
Concen: 20.649 ug/l
RT: 4.81 min Scan# 644
Delta R.T. -0.01 min
Lab File: VX015285.D
Acq: 16 Mar 2020 11:49

Instrument :
MSVOA_X
ClientSampleId :
VX0316WBSD01

Tot Ion: 43 Resp: 83205
Ion Ratio Lower Upper
43 100
61 13.4 11.0 16.4
70 10.7 8.1 12.1

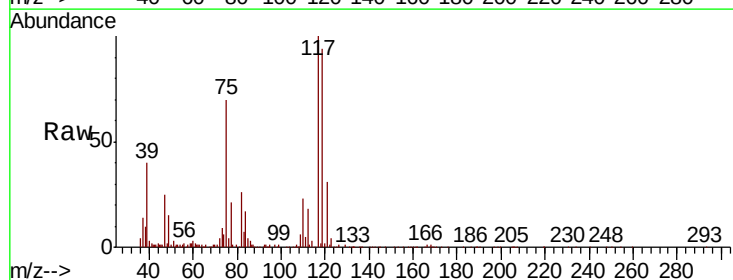


Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 70.00 (69.70 to 70.70): VX0

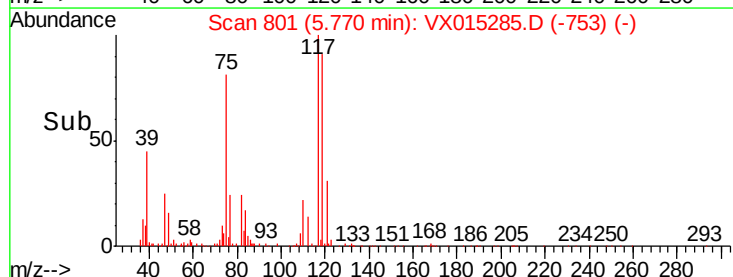
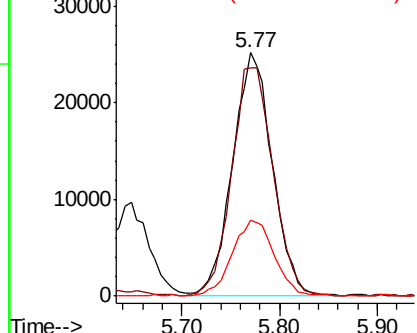


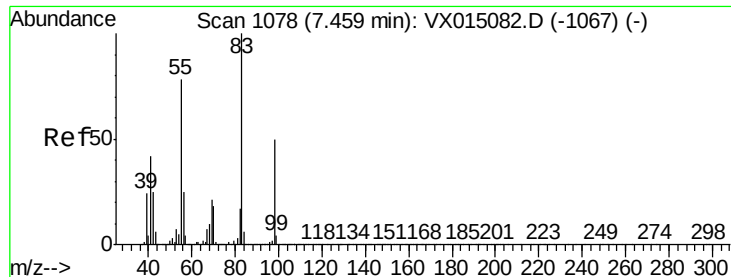
#38
Carbon Tetrachloride
Concen: 17.194 ug/l
RT: 5.77 min Scan# 801
Delta R.T. -0.01 min
Lab File: VX015285.D
Acq: 16 Mar 2020 11:49

Tgt Ion: 117 Resp: 70500
Ion Ratio Lower Upper
117 100
119 93.6 76.9 115.3
121 31.3 24.6 37.0



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

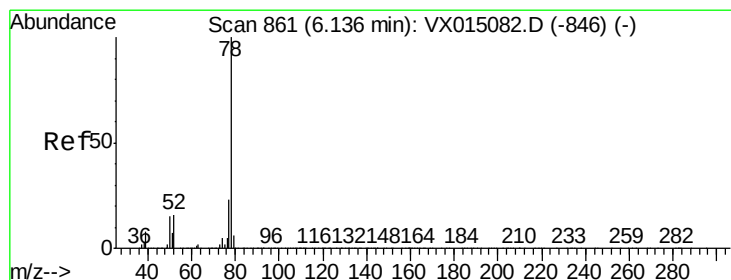
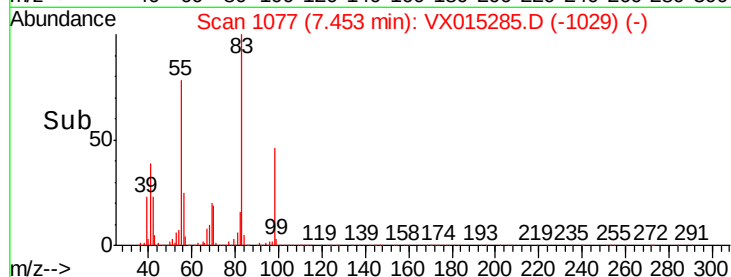
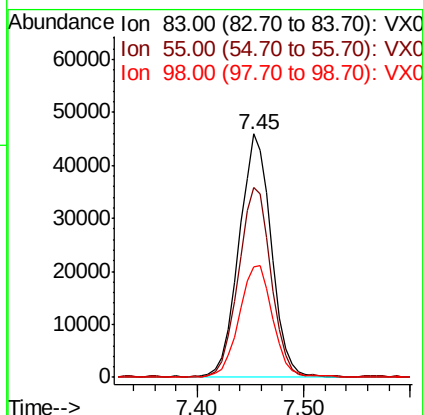
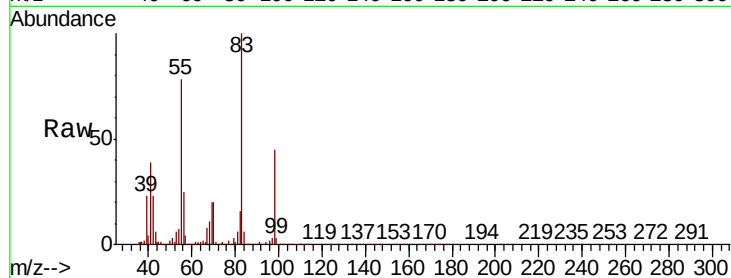




#39
Methylvlcyclohexane
Concen: 19.159 ug/l
RT: 7.45 min Scan# 1077
Delta R.T. -0.01 min
Lab File: VX015285.D
Acq: 16 Mar 2020 11:49

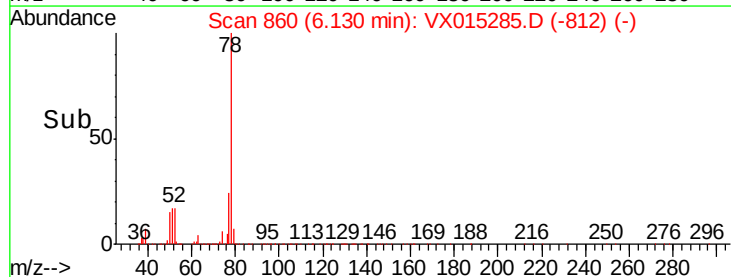
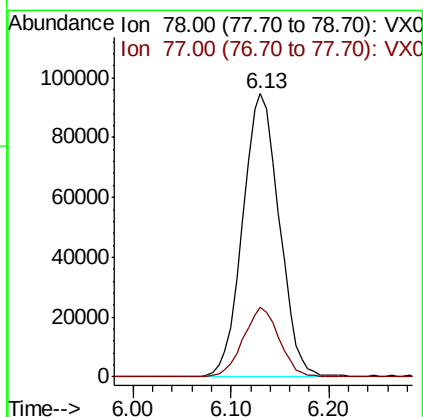
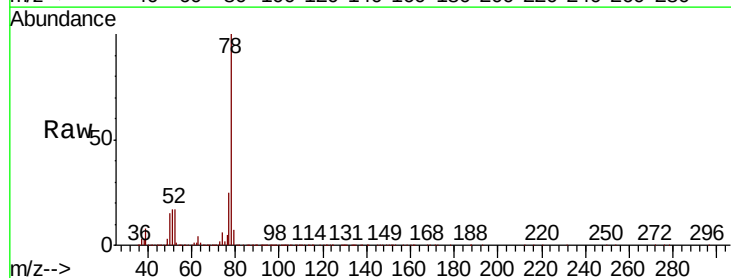
Instrument :
MSVOA_X
ClientSampleId :
VX0316WBSD01

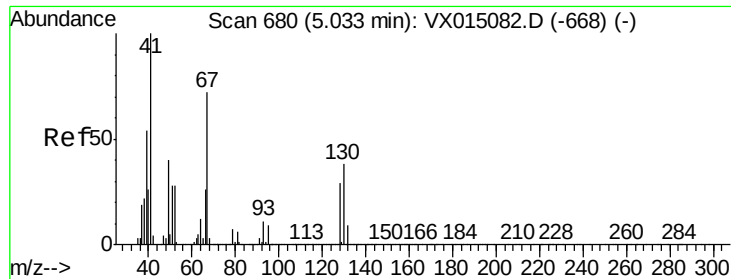
Tot Ion: 83 Resp: 97182
Ion Ratio Lower Upper
83 100
55 78.0 62.4 93.6
98 45.4 39.7 59.5



#40
Benzene
Concen: 19.044 ug/l
RT: 6.13 min Scan# 860
Delta R.T. -0.01 min
Lab File: VX015285.D
Acq: 16 Mar 2020 11:49

Tgt Ion: 78 Resp: 245430
Ion Ratio Lower Upper
78 100
77 24.5 18.6 28.0

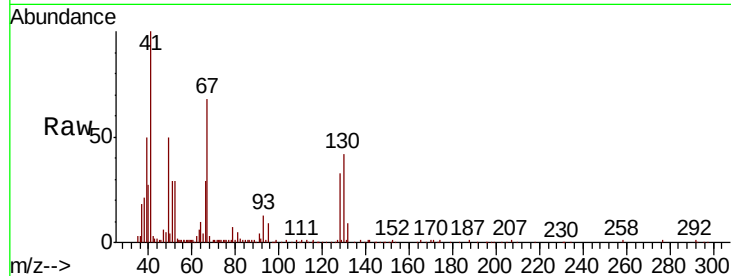




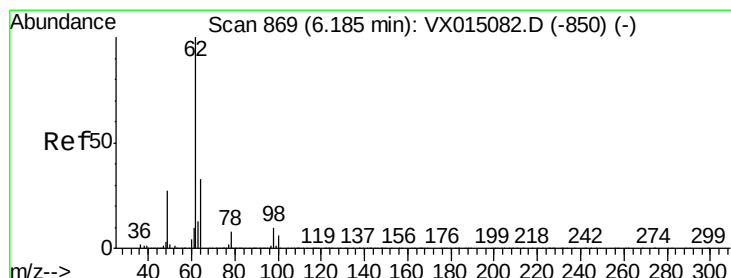
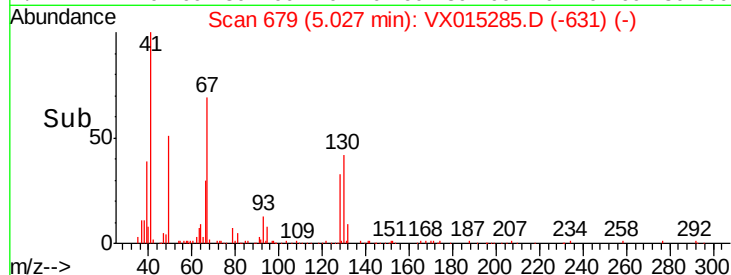
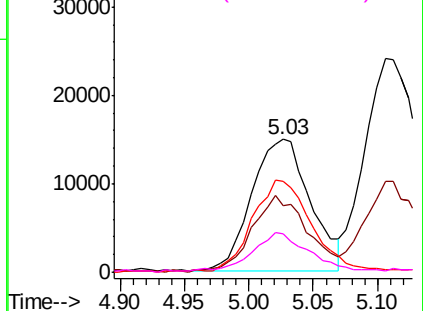
#41
Methacrylonitrile
Concen: 19.306 ug/l
RT: 5.03 min Scan# 679
Delta R.T. -0.01 min
Lab File: VX015285.D
Acq: 16 Mar 2020 11:49

Instrument :
MSVOA_X
ClientSampled :
VX0316WBSD01

Tot Ion:	41	Resp:	46727
Ion	Ratio	Lower	Upper
41	100		
39	55.9	43.9	65.9
67	71.9	57.8	86.8
52	27.3	22.6	34.0

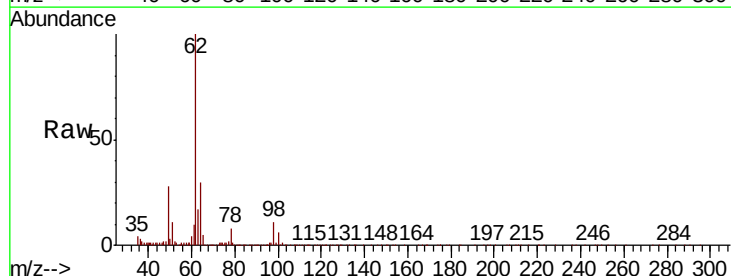


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

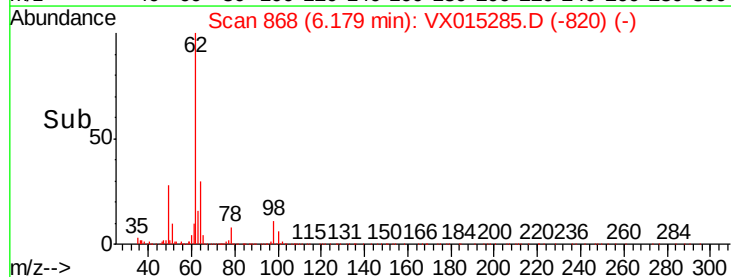
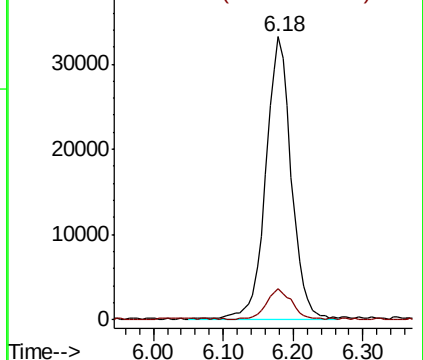


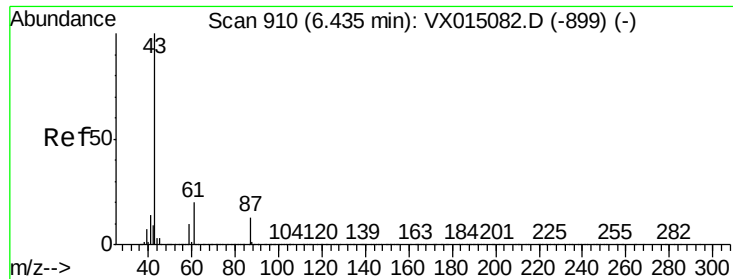
#42
1,2-Dichloroethane
Concen: 19.151 ug/l
RT: 6.18 min Scan# 868
Delta R.T. -0.01 min
Lab File: VX015285.D
Acq: 16 Mar 2020 11:49

Tgt Ion:	62	Resp:	84760
Ion	Ratio	Lower	Upper
62	100		
98	10.6	0.0	20.6



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





#43

Isopropyl Acetate

Concen: 19.754 ug/l

RT: 6.43 min Scan# 909

Delta R.T. -0.01 min

Lab File: VX015285.D

Acq: 16 Mar 2020 11:49

Instrument :

MSVOA_X

ClientSampled :

VX0316WBSD01

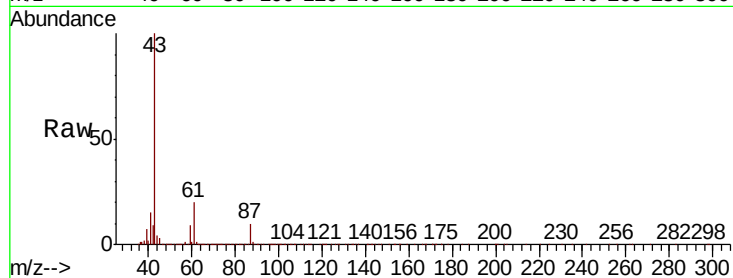
Tot Ion: 43 Resp: 140028

Ion Ratio Lower Upper

43 100

61 20.7 16.1 24.1

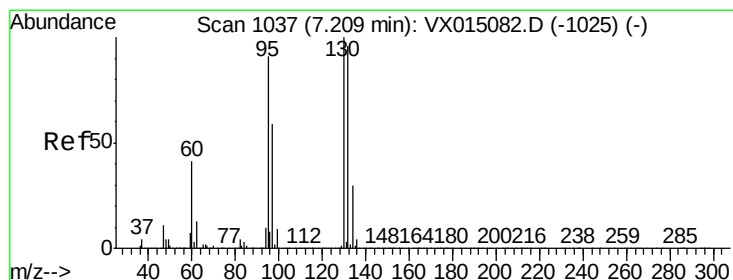
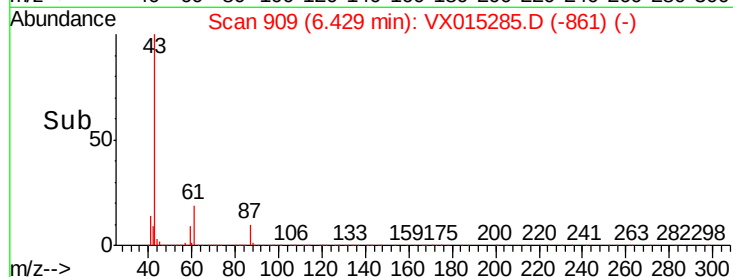
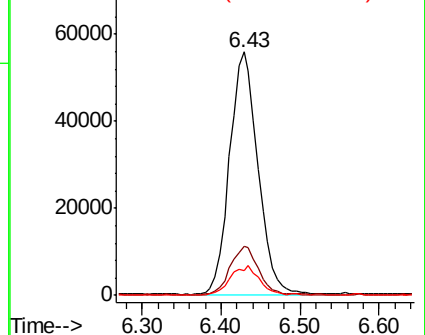
87 12.4 10.6 16.0



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: 18.813 ug/l

RT: 7.20 min Scan# 1036

Delta R.T. -0.01 min

Lab File: VX015285.D

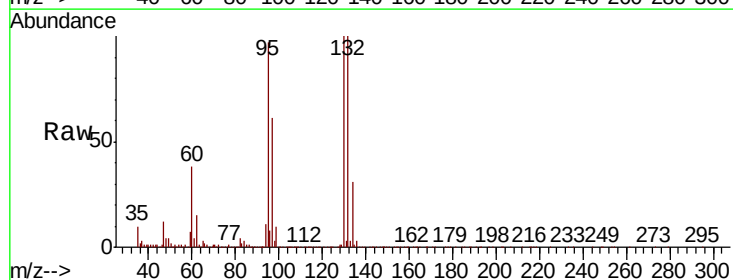
Acq: 16 Mar 2020 11:49

Tgt Ion: 130 Resp: 67524

Ion Ratio Lower Upper

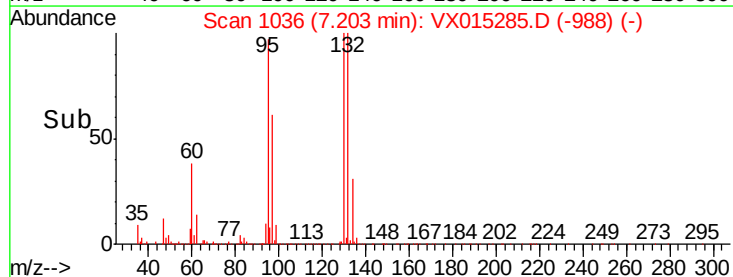
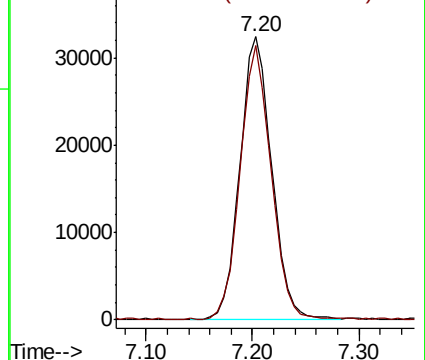
130 100

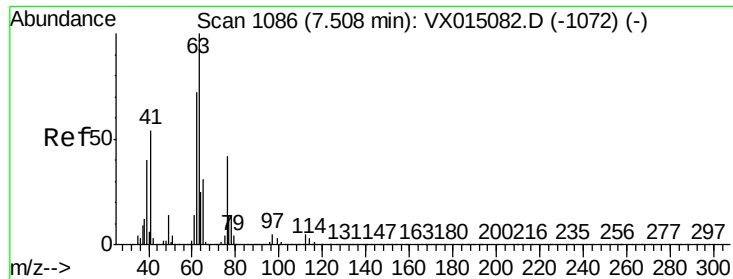
95 96.8 0.0 181.2



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

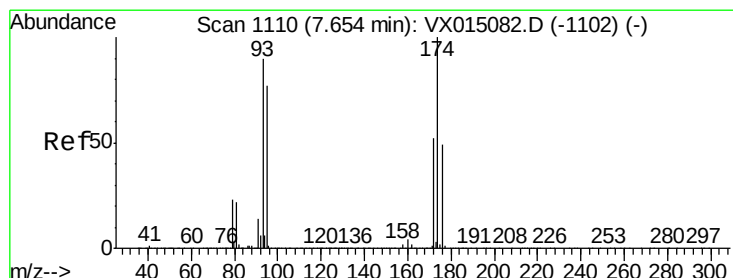
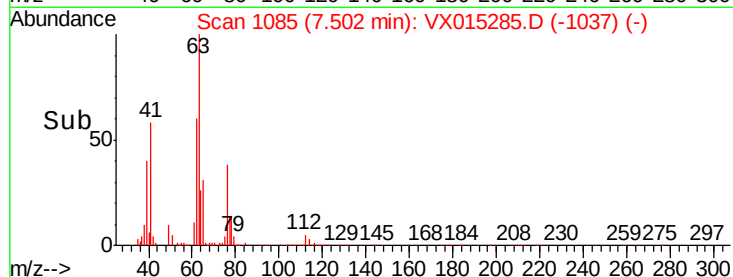
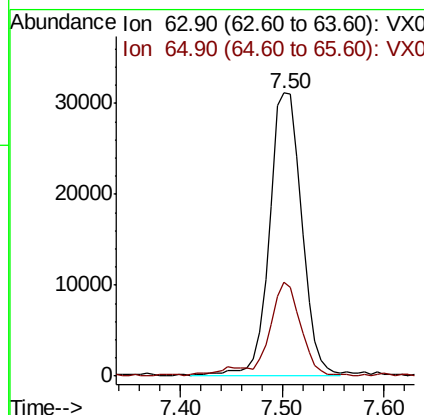
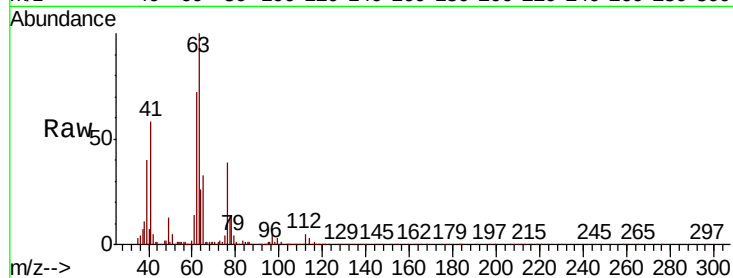




#45
 1,2-Dichloropropane
 Concen: 20.247 ug/l
 RT: 7.50 min Scan# 1085
 Delta R.T. -0.01 min
 Lab File: VX015285.D
 Acq: 16 Mar 2020 11:49

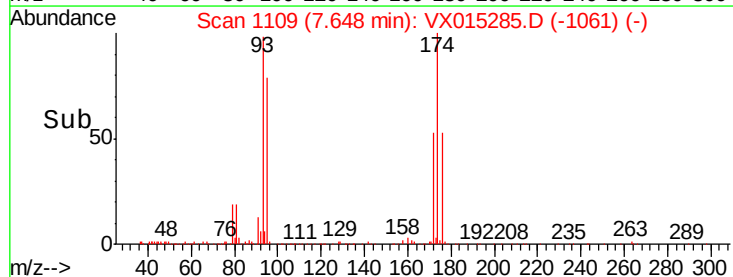
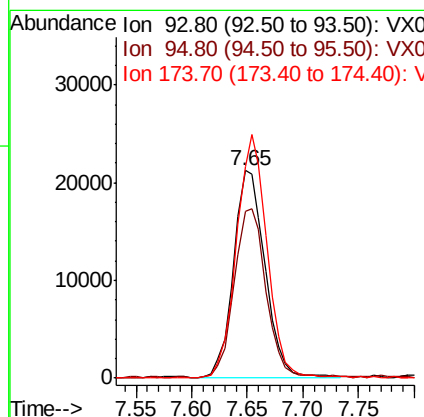
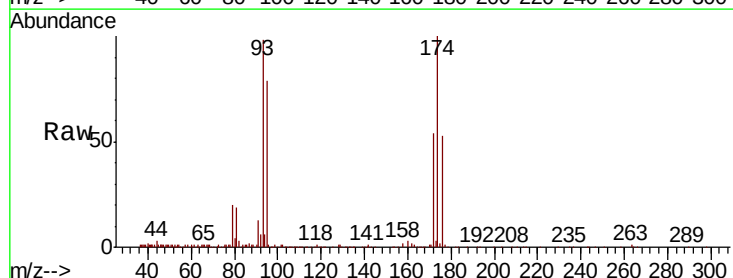
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0316WBSD01

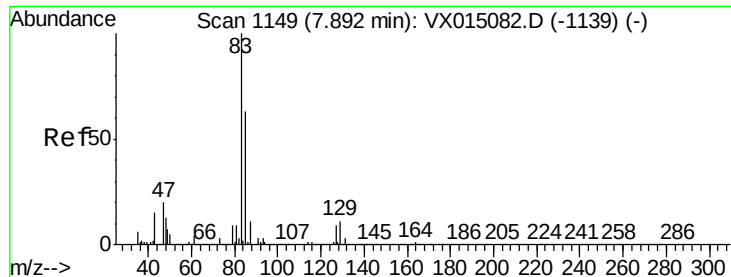
Tot Ion: 63 Resp: 67542
 Ion Ratio Lower Upper
 63 100
 65 32.7 24.6 36.8



#46
 Dibromomethane
 Concen: 19.323 ug/l
 RT: 7.65 min Scan# 1109
 Delta R.T. -0.01 min
 Lab File: VX015285.D
 Acq: 16 Mar 2020 11:49

Tgt Ion: 93 Resp: 42001
 Ion Ratio Lower Upper
 93 100
 95 80.9 67.8 101.8
 174 113.2 91.0 136.4





#47

Bromodichloromethane

Concen: 19.097 ug/l

RT: 7.89 min Scan# 1148

Delta R.T. -0.01 min

Lab File: VX015285.D

Acq: 16 Mar 2020 11:49

Instrument :

MSVOA_X

ClientSampleId :

VX0316WBSD01

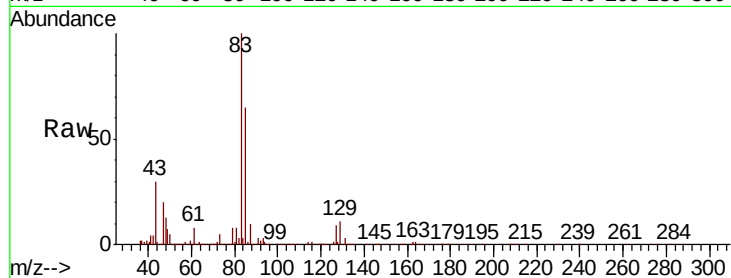
Tot Ion: 83 Resp: 82084

Ion Ratio Lower Upper

83 100

85 64.4 50.6 75.8

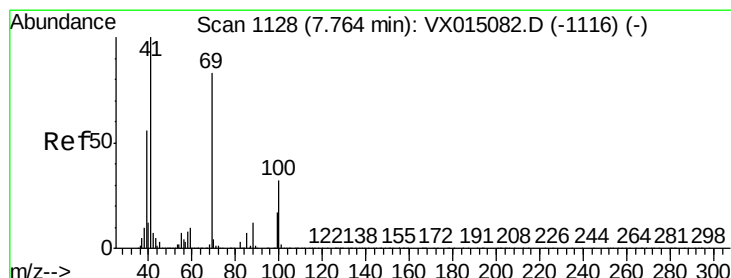
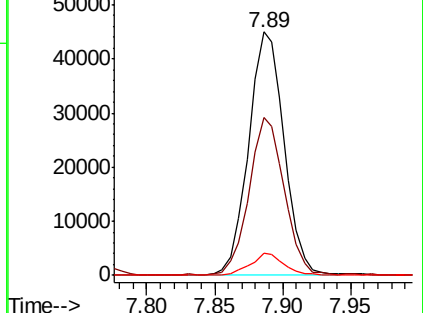
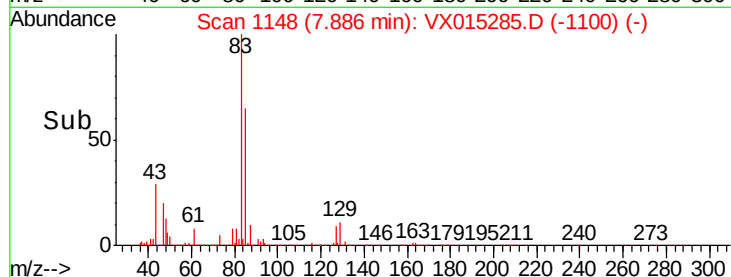
127 9.0 7.1 10.7



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: 18.856 ug/l

RT: 7.76 min Scan# 1127

Delta R.T. -0.01 min

Lab File: VX015285.D

Acq: 16 Mar 2020 11:49

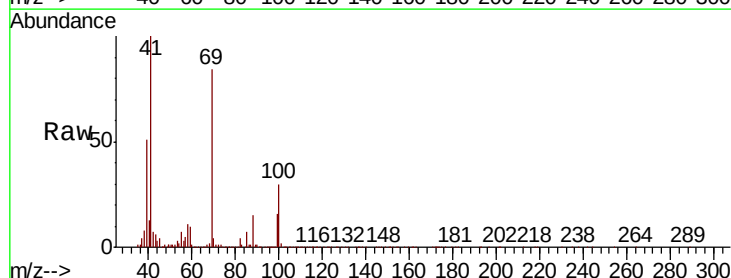
Tgt Ion: 41 Resp: 68029

Ion Ratio Lower Upper

41 100

69 81.7 65.4 98.2

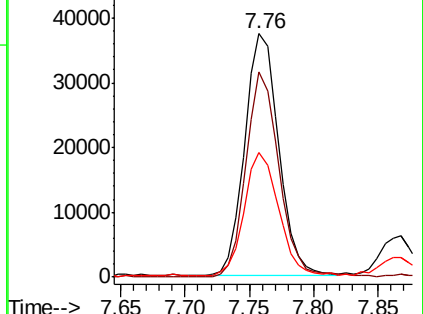
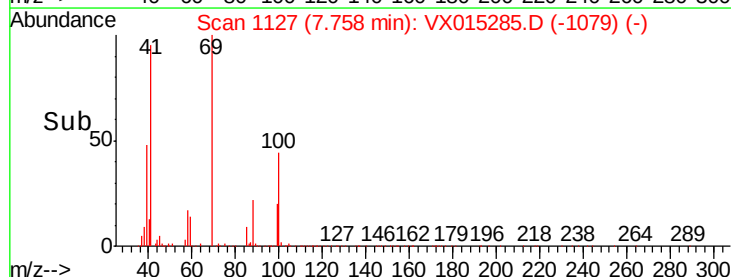
39 51.4 44.6 67.0

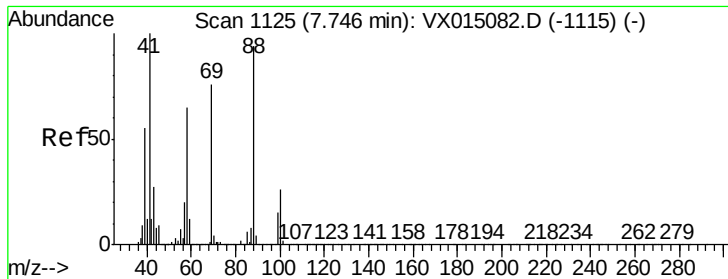


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

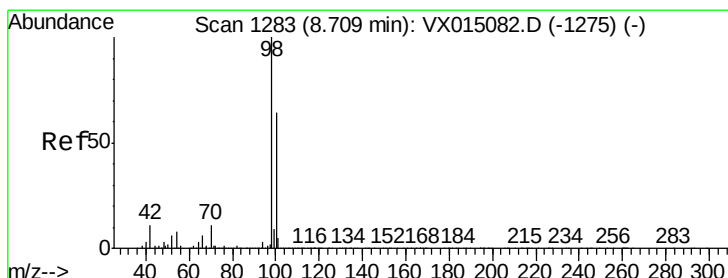
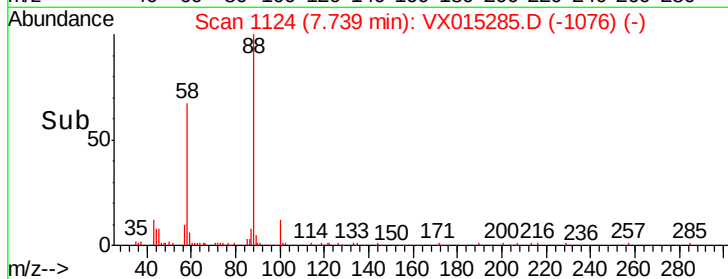
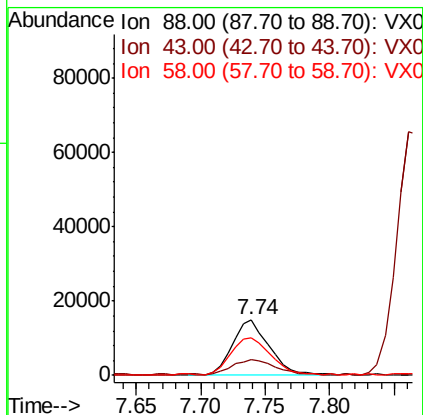
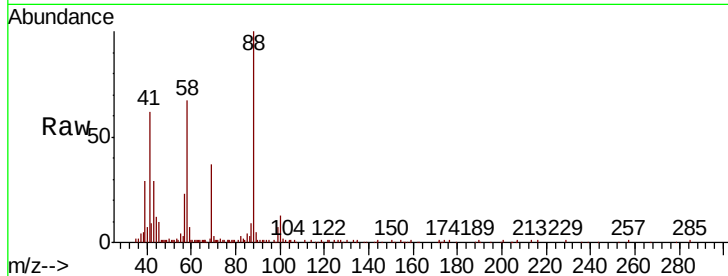




#49
1,4-Dioxane
Concen: 378.720 ug/l
RT: 7.74 min Scan# 1124
Delta R.T. -0.01 min
Lab File: VX015285.D
Acq: 16 Mar 2020 11:49

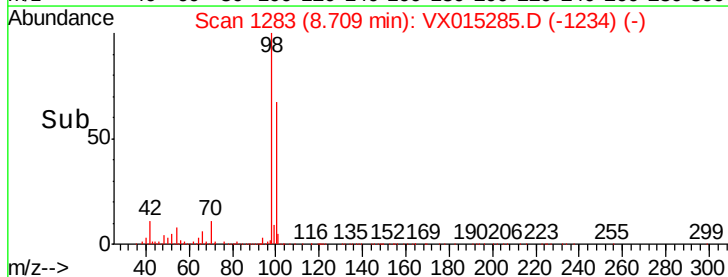
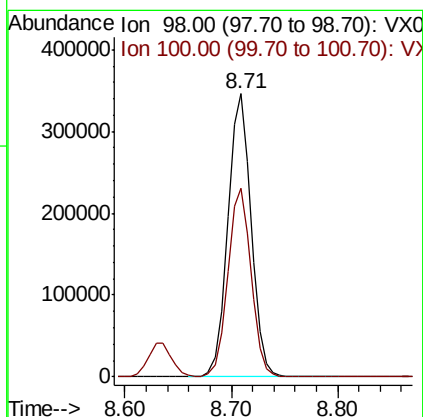
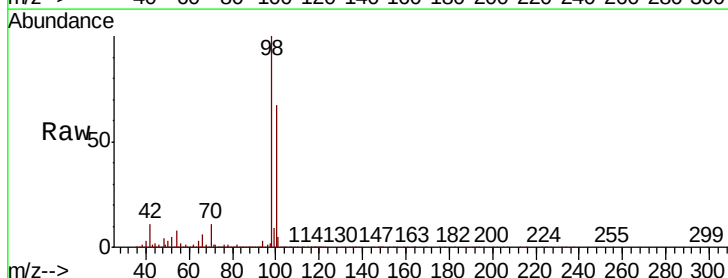
Instrument :
MSVOA_X
ClientSampleId :
VX0316WBSD01

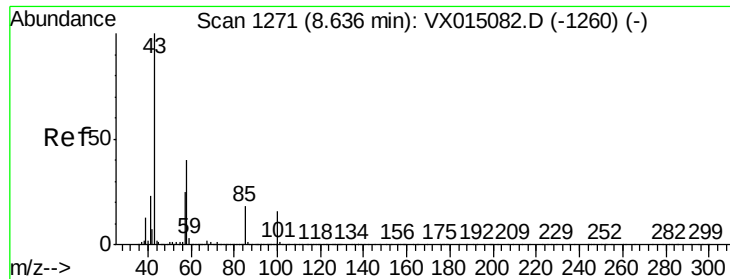
Tot Ion: 88 Resp: 29542
Ion Ratio Lower Upper
88 100
43 35.4 27.0 40.4
58 72.3 55.6 83.4



#50
Toluene-d8
Concen: 46.831 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. -0.00 min
Lab File: VX015285.D
Acq: 16 Mar 2020 11:49

Tgt Ion: 98 Resp: 528065
Ion Ratio Lower Upper
98 100
100 66.5 52.4 78.6





#51

4-Methyl-2-Pentanone

Concen: 101.223 ug/l

RT: 8.63 min Scan# 1270

Delta R.T. -0.01 min

Lab File: VX015285.D

Acq: 16 Mar 2020 11:49

Instrument :

MSVOA_X

ClientSampleId :

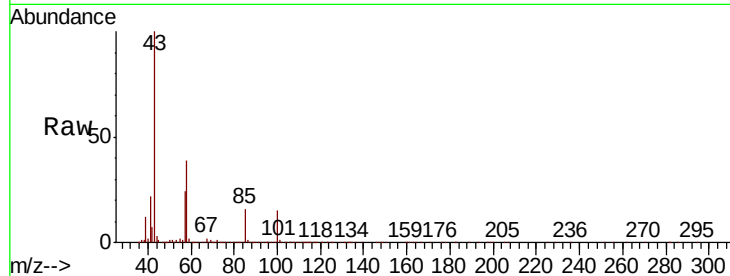
VX0316WBSD01

Tot Ion: 43 Resp: 424242

Ion Ratio Lower Upper

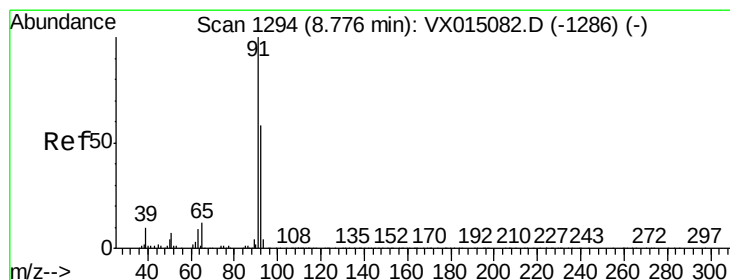
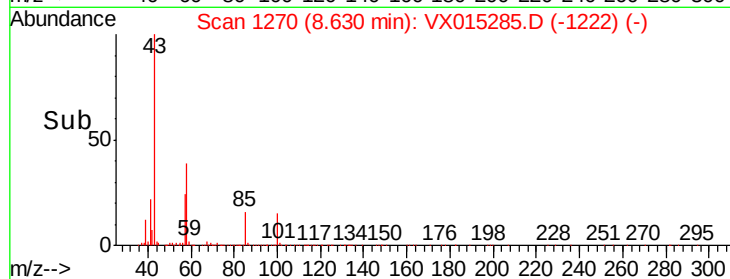
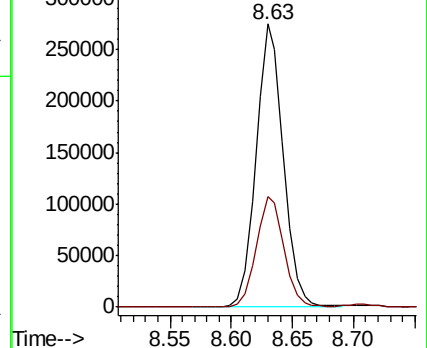
43 100

58 39.5 31.6 47.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 19.421 ug/l

RT: 8.78 min Scan# 1294

Delta R.T. -0.00 min

Lab File: VX015285.D

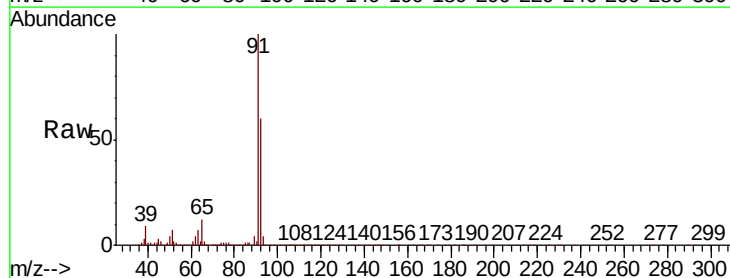
Acq: 16 Mar 2020 11:49

Tgt Ion: 92 Resp: 153041

Ion Ratio Lower Upper

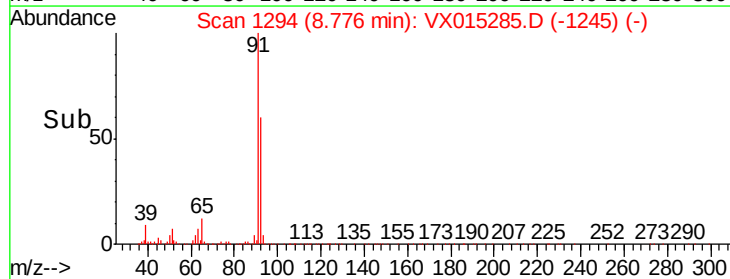
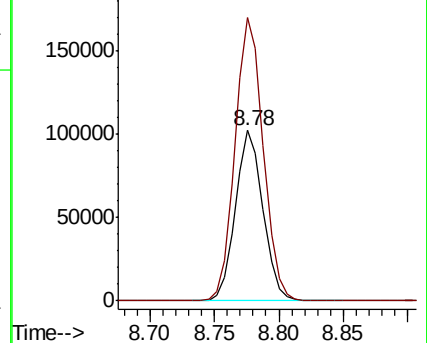
92 100

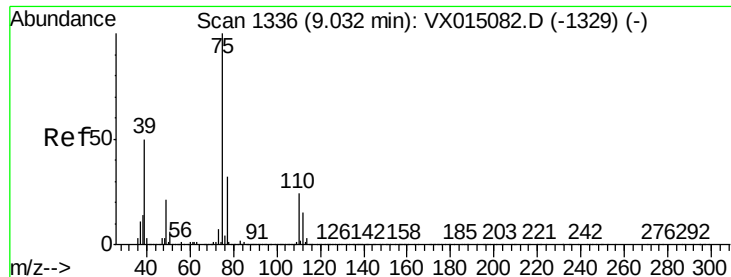
91 169.7 136.9 205.3



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0





#53

t-1,3-Dichloropropene

Concen: 19.655 ug/l

RT: 9.03 min Scan# 1336

Delta R.T. -0.00 min

Lab File: VX015285.D

Acq: 16 Mar 2020 11:49

Instrument :

MSVOA_X

ClientSampleId :

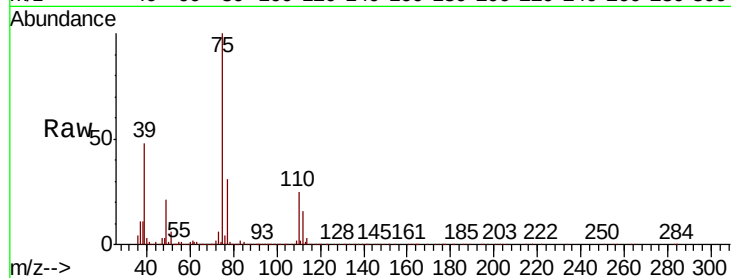
VX0316WBSD01

Tot Ion: 75 Resp: 89923

Ion Ratio Lower Upper

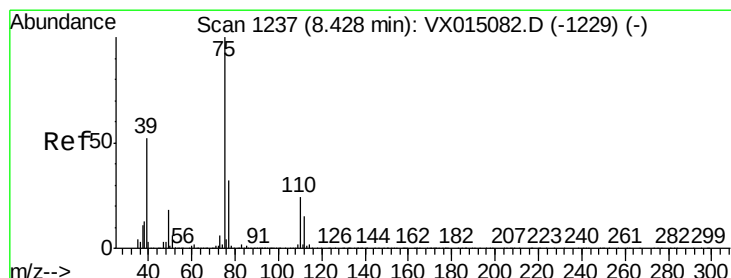
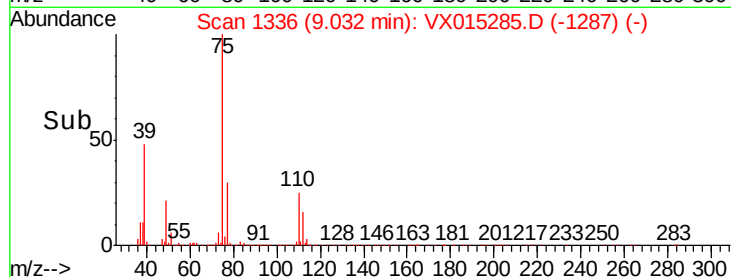
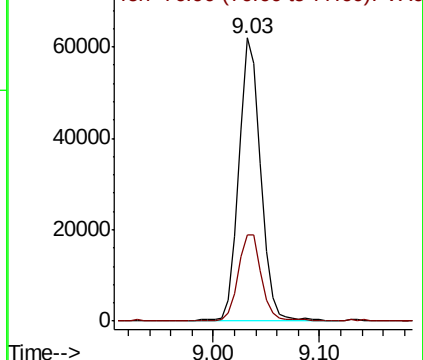
75 100

77 30.5 25.4 38.0



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0



#54

cis-1,3-Dichloropropene

Concen: 19.565 ug/l

RT: 8.43 min Scan# 1237

Delta R.T. -0.00 min

Lab File: VX015285.D

Acq: 16 Mar 2020 11:49

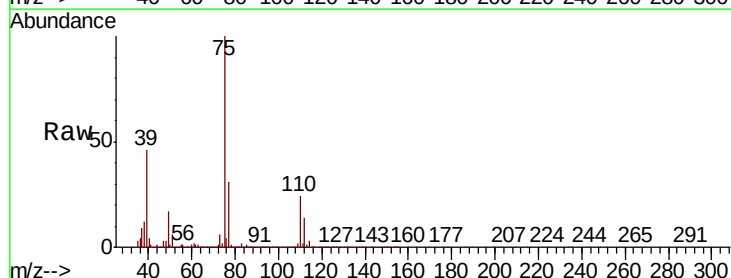
Tgt Ion: 75 Resp: 101194

Ion Ratio Lower Upper

75 100

77 30.6 25.8 38.6

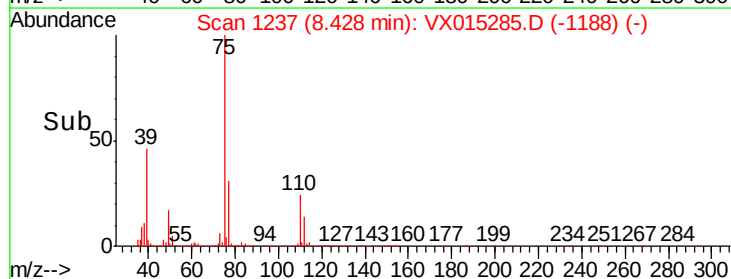
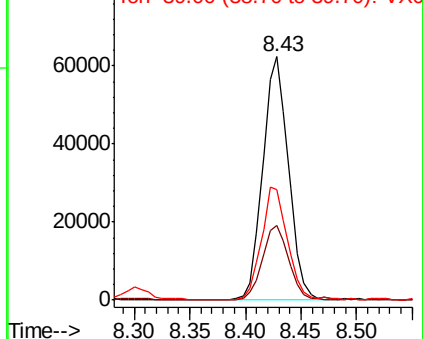
39 45.2 41.3 61.9

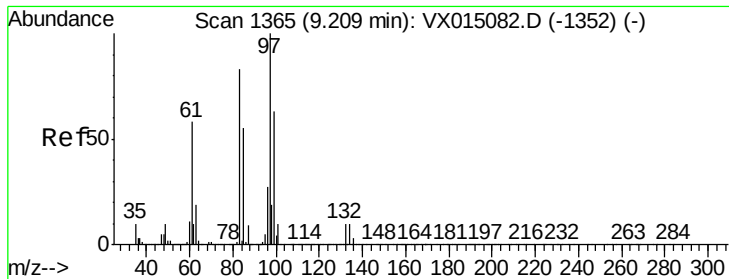


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0





#55

1,1,2-Trichloroethane

Concen: 19.936 ug/l

RT: 9.21 min Scan# 1365

Delta R.T. -0.00 min

Lab File: VX015285.D

Acq: 16 Mar 2020 11:49

Instrument :

MSVOA_X

ClientSampleId :

VX0316WBSD01

Tot Ion: 97 Resp: 64659

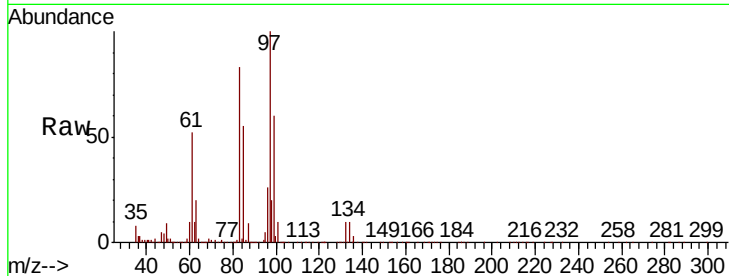
Ion Ratio Lower Upper

97 100

83 82.7 66.4 99.6

85 54.9 43.5 65.3

99 59.2 50.7 76.1

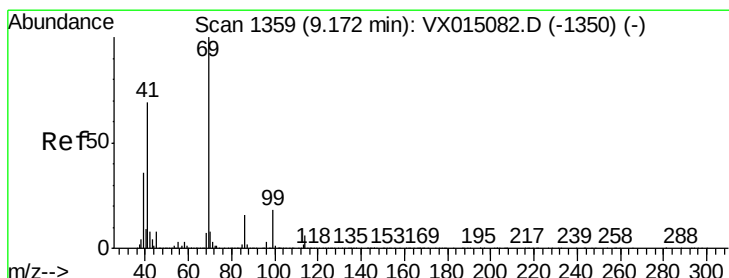
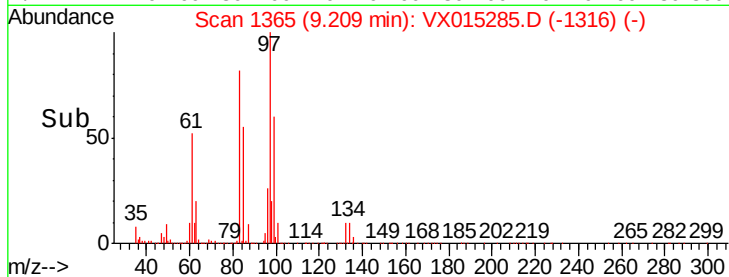
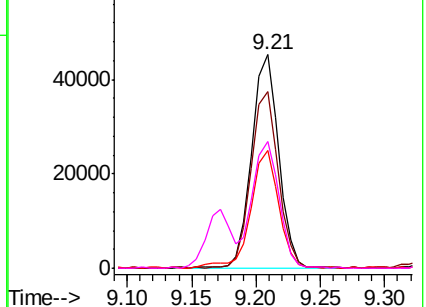


Abundance Ion 96.90 (96.60 to 97.60): VX0

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: 19.935 ug/l

RT: 9.17 min Scan# 1358

Delta R.T. -0.01 min

Lab File: VX015285.D

Acq: 16 Mar 2020 11:49

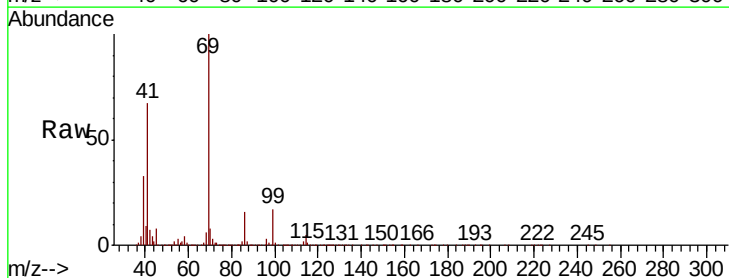
Tgt Ion: 69 Resp: 92224

Ion Ratio Lower Upper

69 100

41 67.0 55.8 83.8

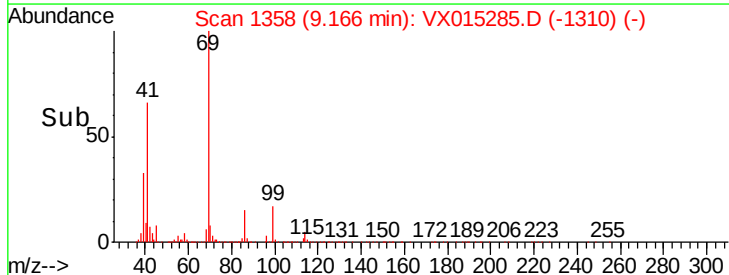
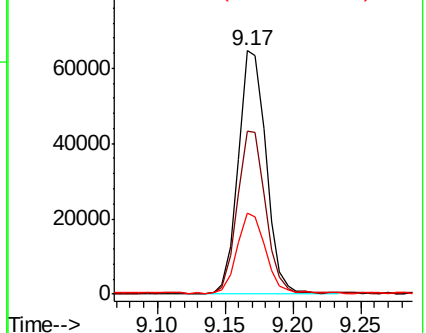
39 33.7 29.4 44.2

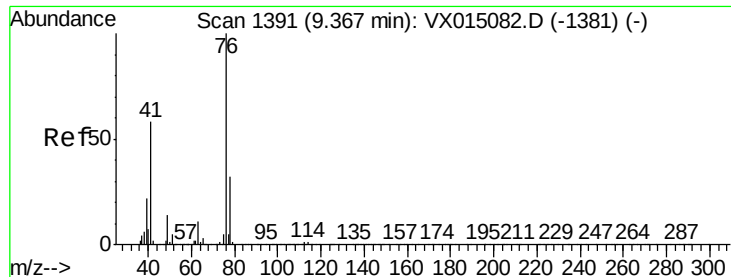


Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#57

1,3-Dichloropropane

Concen: 20.160 ug/l

RT: 9.36 min Scan# 1390

Delta R.T. -0.01 min

Lab File: VX015285.D

Acq: 16 Mar 2020 11:49

Instrument :

MSVOA_X

ClientSampleId :

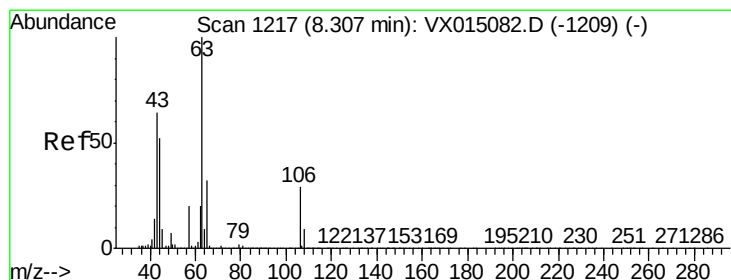
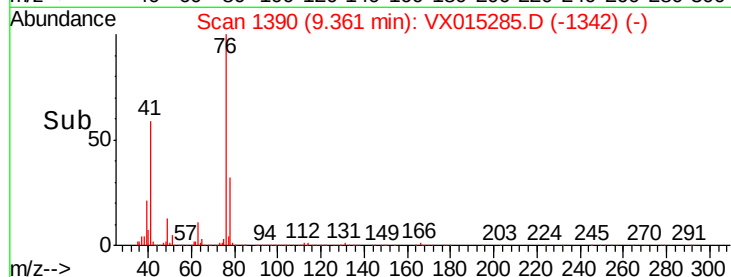
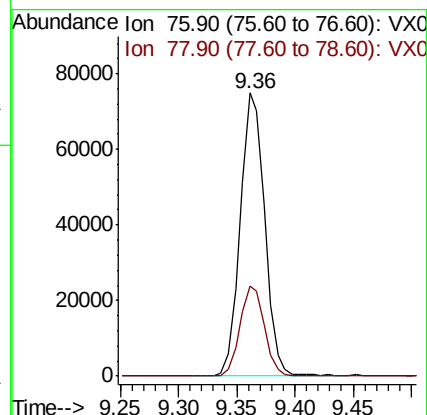
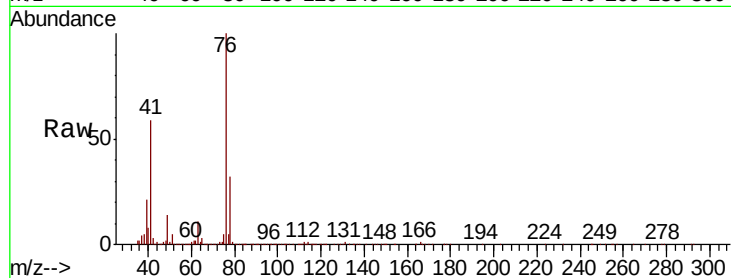
VX0316WBSD01

Tot Ion: 76 Resp: 110006

Ion Ratio Lower Upper

76 100

78 31.7 25.6 38.4



#58

2-Chloroethyl Vinyl ether

Concen: 96.493 ug/l

RT: 8.30 min Scan# 1216

Delta R.T. -0.01 min

Lab File: VX015285.D

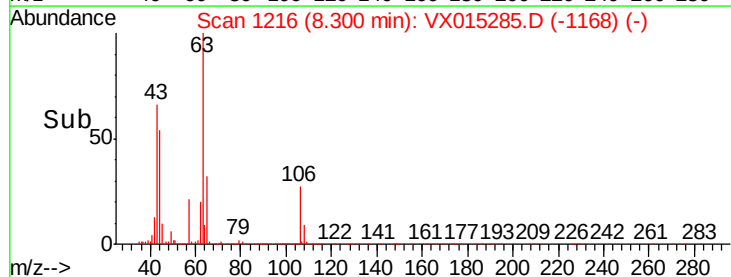
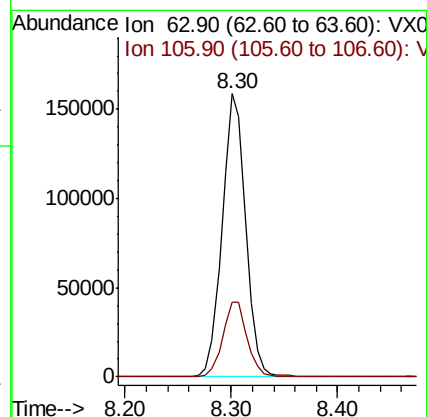
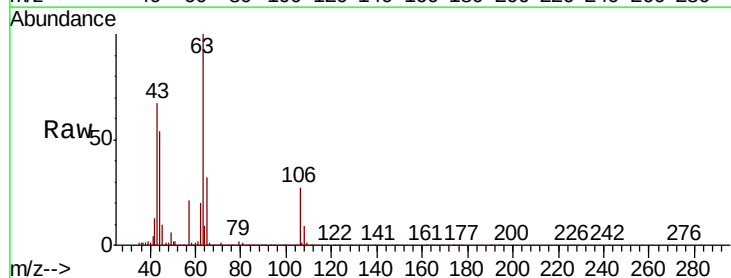
Acq: 16 Mar 2020 11:49

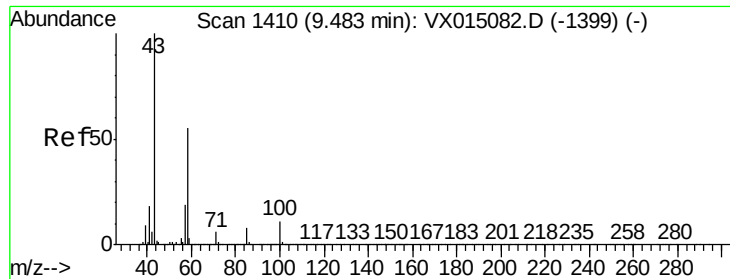
Tgt Ion: 63 Resp: 243189

Ion Ratio Lower Upper

63 100

106 27.5 22.8 34.2

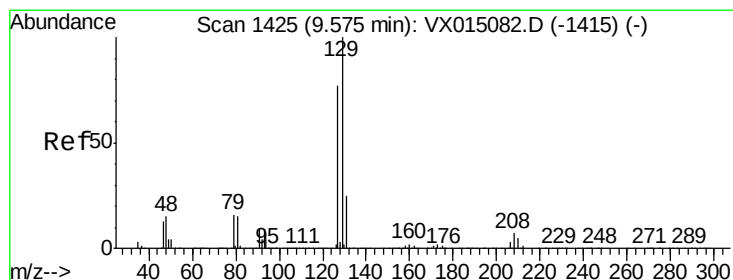
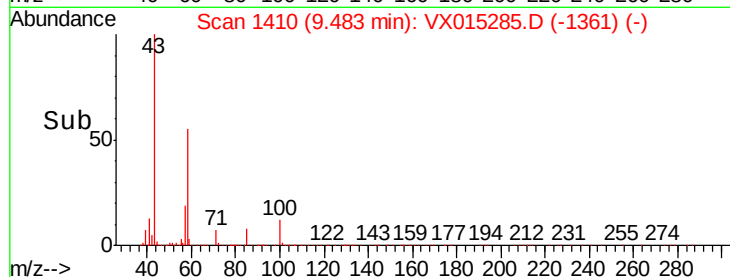
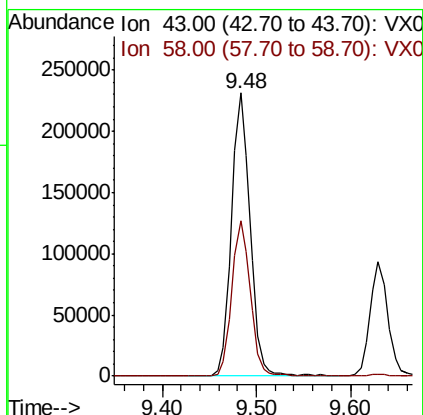
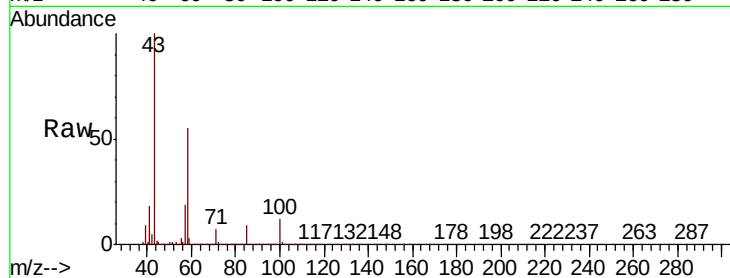




#59
2-Hexanone
Concen: 102.010 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. -0.00 min
Lab File: VX015285.D
Acq: 16 Mar 2020 11:49

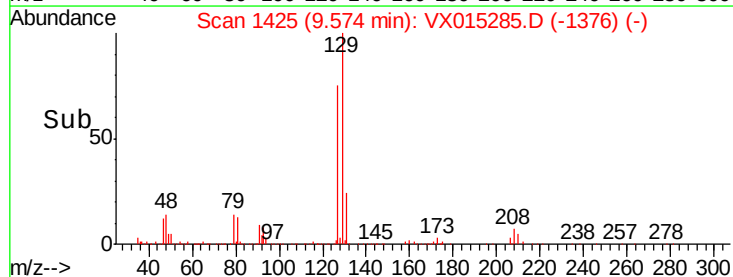
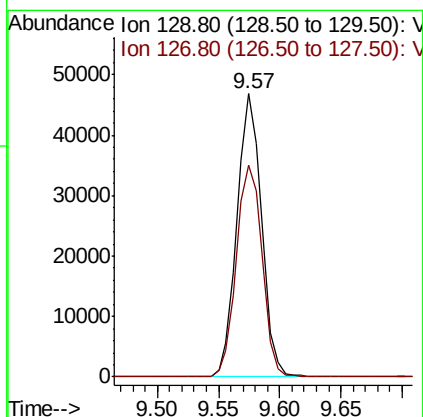
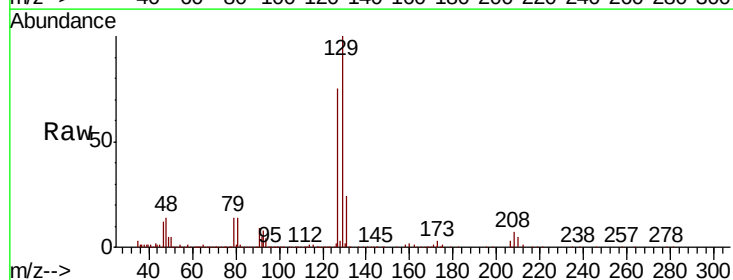
Instrument :
MSVOA_X
ClientSampleId :
VX0316WBSD01

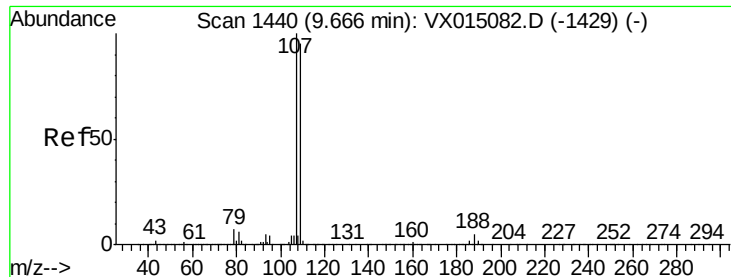
Tot Ion: 43 Resp: 316885
Ion Ratio Lower Upper
43 100
58 54.6 27.3 81.8



#60
Dibromochloromethane
Concen: 19.123 ug/l
RT: 9.57 min Scan# 1425
Delta R.T. -0.00 min
Lab File: VX015285.D
Acq: 16 Mar 2020 11:49

Tgt Ion: 129 Resp: 65154
Ion Ratio Lower Upper
129 100
127 78.4 38.8 116.3





#61

1,2-Dibromoethane

Concen: 19.161 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. -0.00 min

Lab File: VX015285.D

Acq: 16 Mar 2020 11:49

Instrument :

MSVOA_X

ClientSampleId :

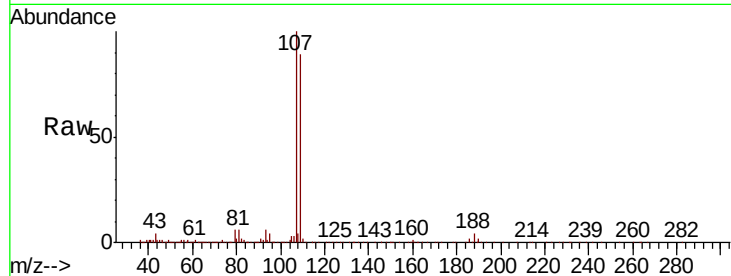
VX0316WBSD01

Tot Ion:107 Resp: 65274

Ion Ratio Lower Upper

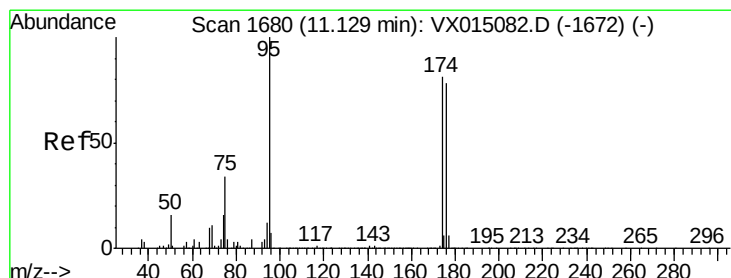
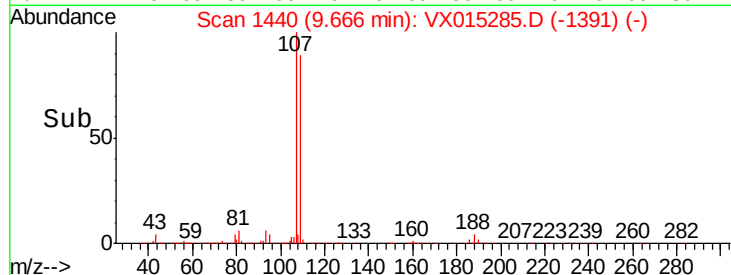
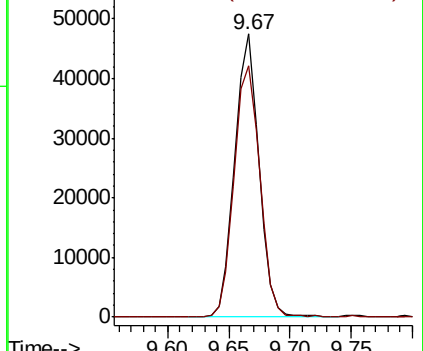
107 100

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: 47.976 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.00 min

Lab File: VX015285.D

Acq: 16 Mar 2020 11:49

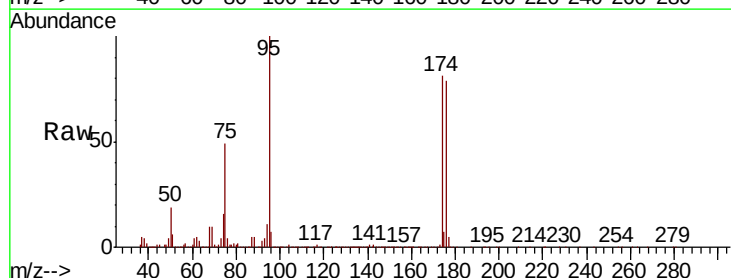
Tgt Ion: 95 Resp: 192961

Ion Ratio Lower Upper

95 100

174 88.8 0.0 177.6

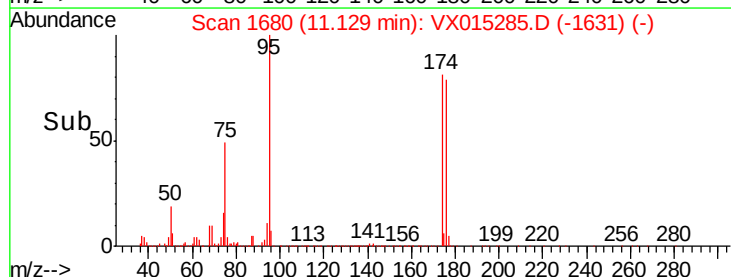
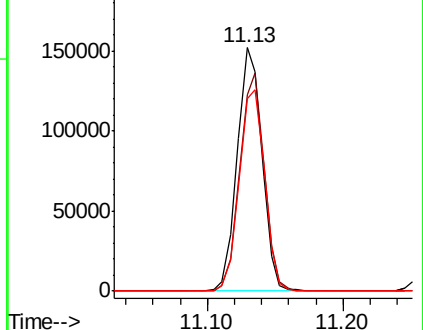
176 85.0 0.0 170.2

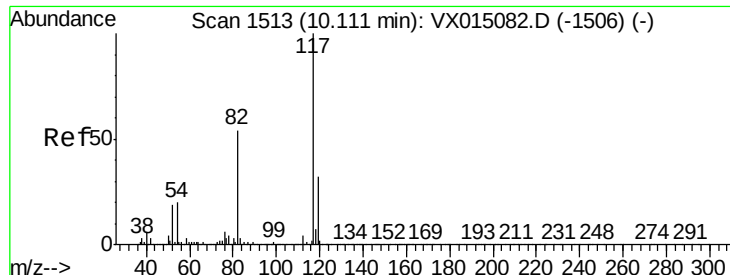


Abundance Ion 94.90 (94.60 to 95.60): VX0

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: 10.10 min Scan# 1512

Delta R.T. -0.01 min

Lab File: VX015285.D

Acq: 16 Mar 2020 11:49

Instrument :

MSVOA_X

ClientSampleId :

VX0316WBSD01

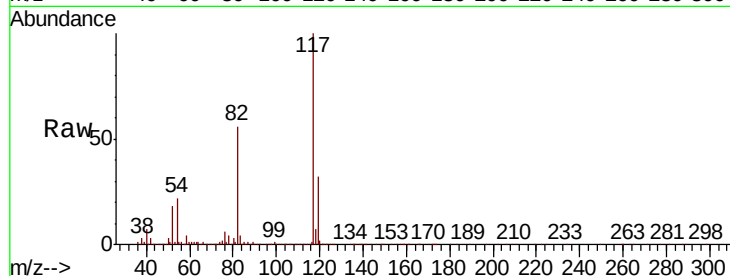
Tot Ion:117 Resp: 421761

Ion Ratio Lower Upper

117 100

82 56.2 43.3 64.9

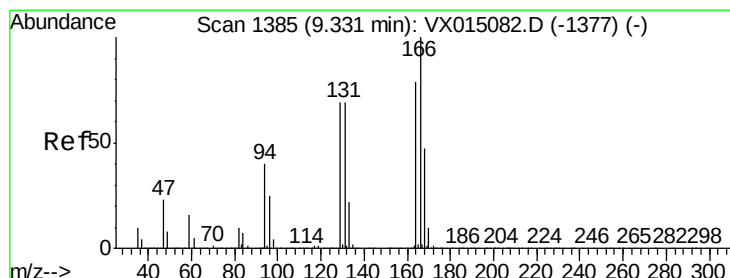
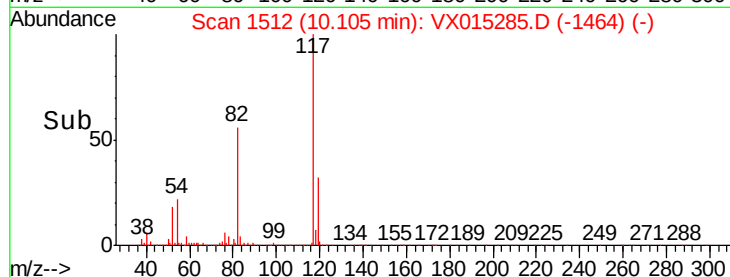
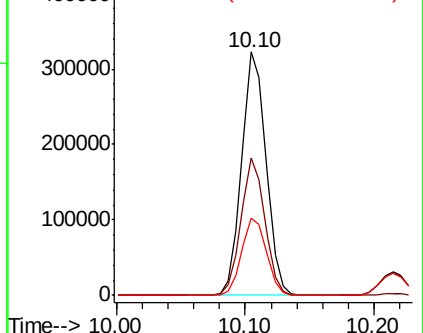
119 31.9 25.8 38.8



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: 19.369 ug/l

RT: 9.33 min Scan# 1385

Delta R.T. -0.00 min

Lab File: VX015285.D

Acq: 16 Mar 2020 11:49

Tgt Ion:164 Resp: 67542

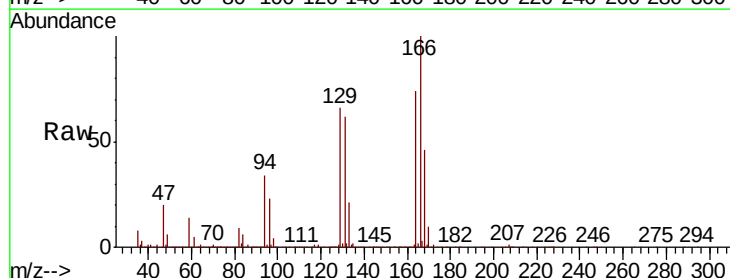
Ion Ratio Lower Upper

164 100

166 134.7 101.1 151.7

129 88.6 69.4 104.0

131 84.0 69.8 104.8

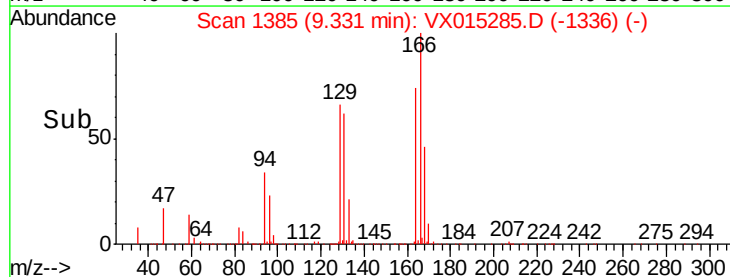
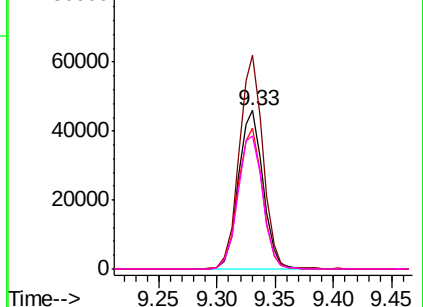


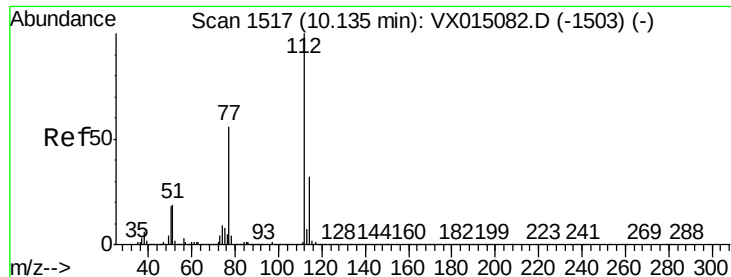
Abundance Ion 163.80 (163.50 to 164.50): V

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: 19.492 ug/l

RT: 10.13 min Scan# 1516

Delta R.T. -0.01 min

Lab File: VX015285.D

Acq: 16 Mar 2020 11:49

Instrument :

MSVOA_X

ClientSampleId :

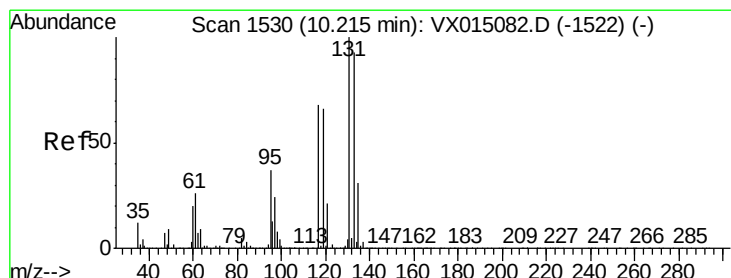
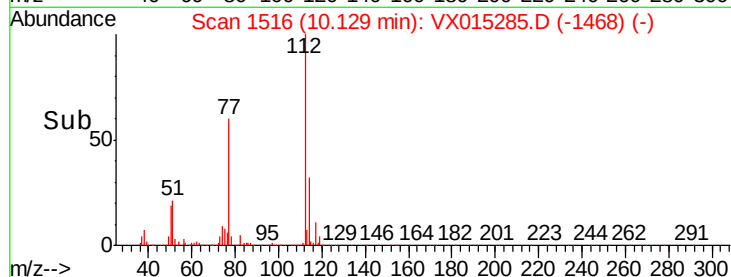
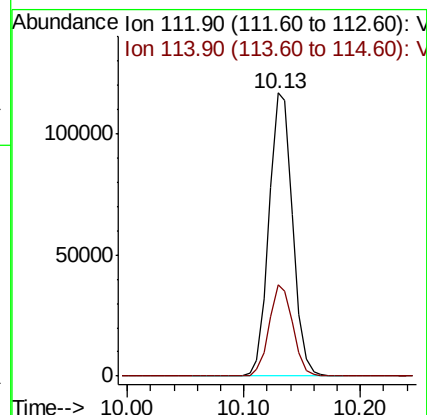
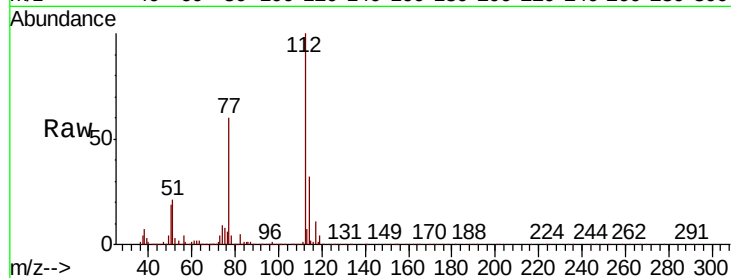
VX0316WBSD01

Tot Ion:112 Resp: 165047

Ion Ratio Lower Upper

112 100

114 32.1 25.5 38.3



#66

1,1,1,2-Tetrachloroethane

Concen: 19.121 ug/l

RT: 10.21 min Scan# 1530

Delta R.T. -0.00 min

Lab File: VX015285.D

Acq: 16 Mar 2020 11:49

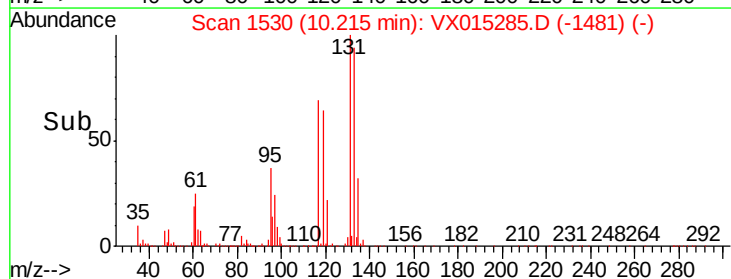
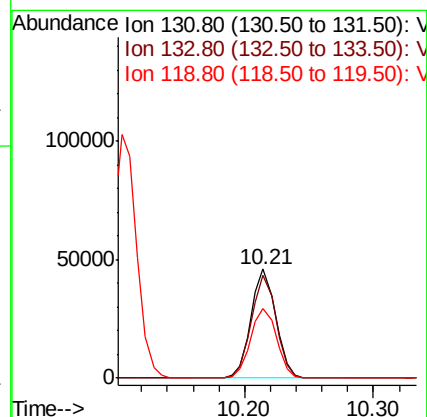
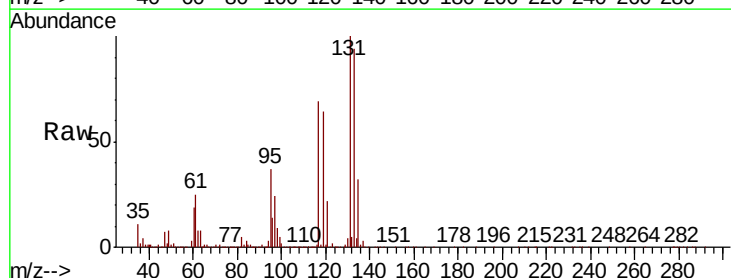
Tgt Ion:131 Resp: 61050

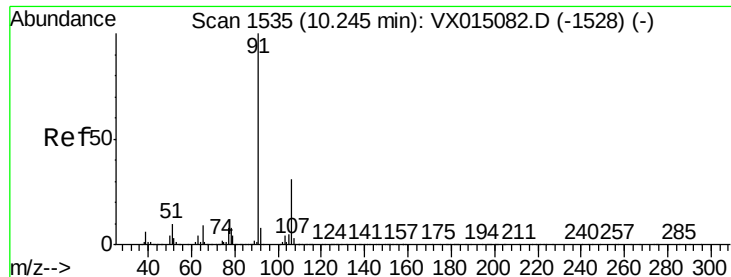
Ion Ratio Lower Upper

131 100

133 94.0 47.5 142.5

119 66.8 33.4 100.1





#67

Ethyl Benzene

Concen: 19.801 ug/l

RT: 10.25 min Scan# 1535

Delta R.T. -0.00 min

Lab File: VX015285.D

Acq: 16 Mar 2020 11:49

Instrument :

MSVOA_X

ClientSampleId :

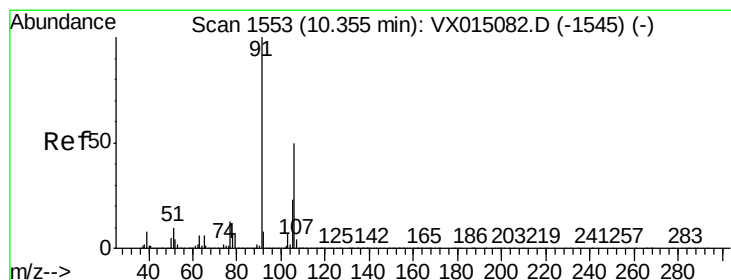
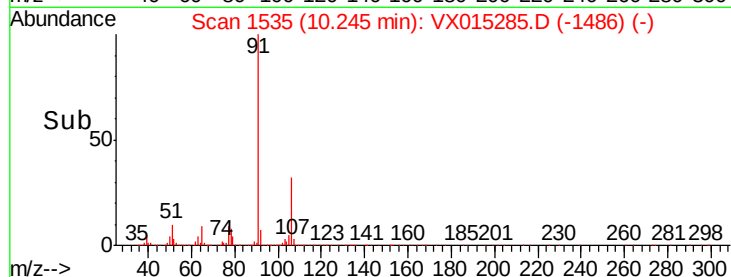
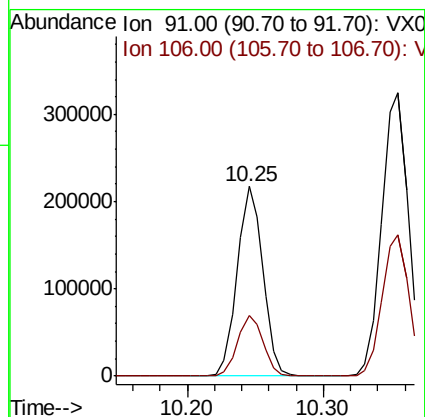
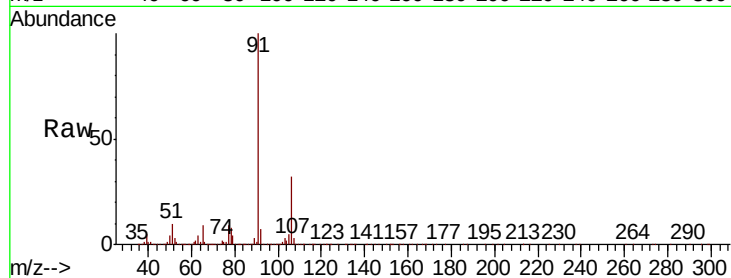
VX0316WBSD01

Tot Ion: 91 Resp: 284712

Ion Ratio Lower Upper

91 100

106 32.3 24.9 37.3



#68

m/p-Xylenes

Concen: 40.650 ug/l

RT: 10.35 min Scan# 1553

Delta R.T. -0.00 min

Lab File: VX015285.D

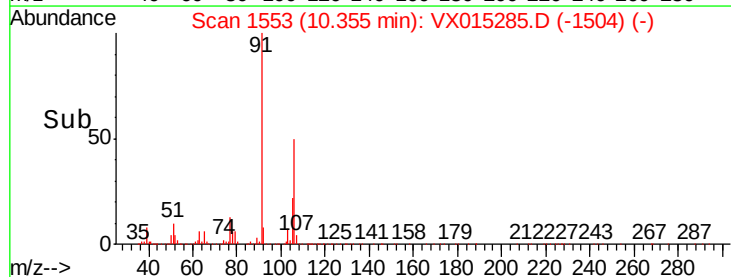
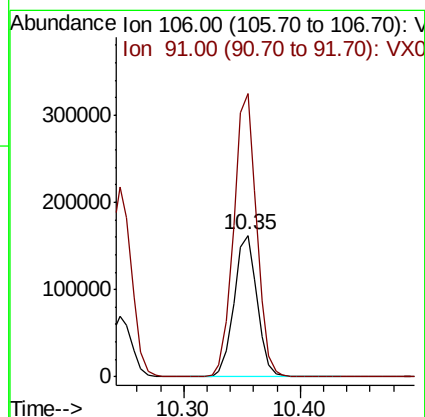
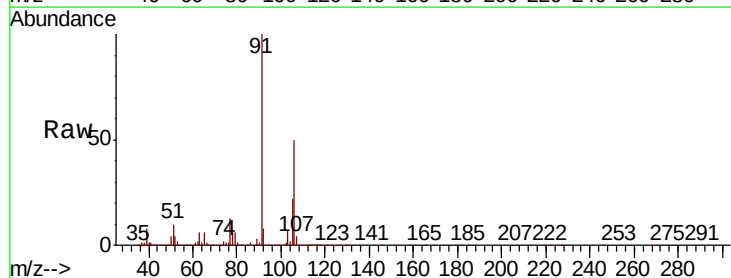
Acq: 16 Mar 2020 11:49

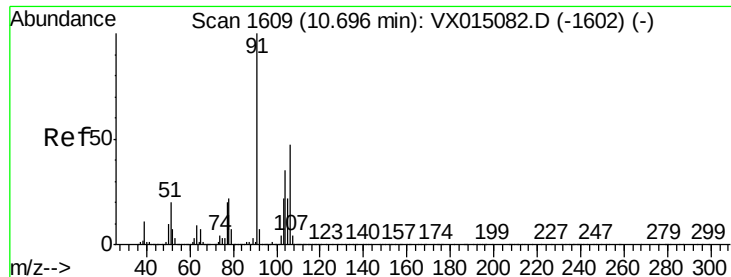
Tgt Ion: 106 Resp: 222378

Ion Ratio Lower Upper

106 100

91 199.9 159.4 239.2

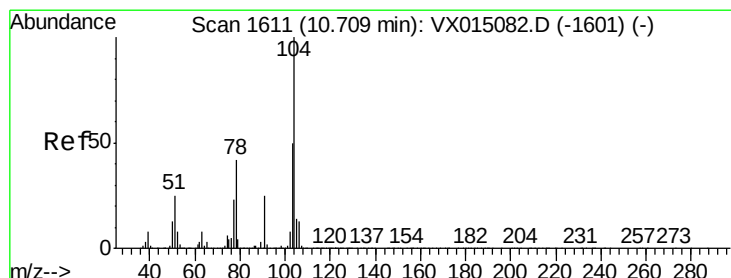
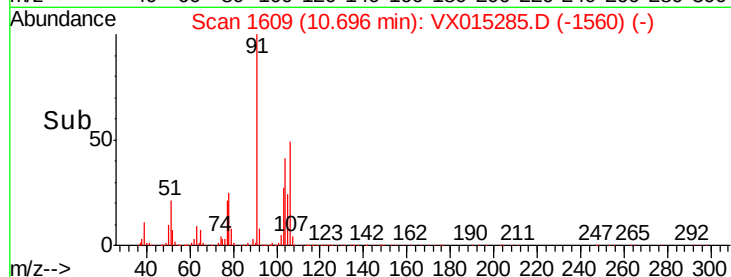
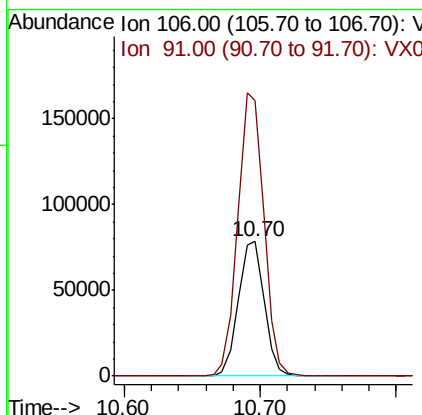
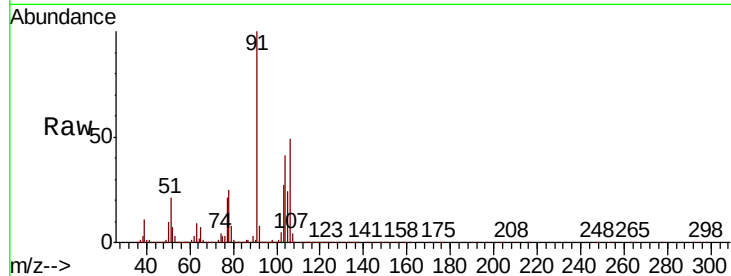




#69
o-Xylene
Concen: 19.917 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. -0.00 min
Lab File: VX015285.D
Acq: 16 Mar 2020 11:49

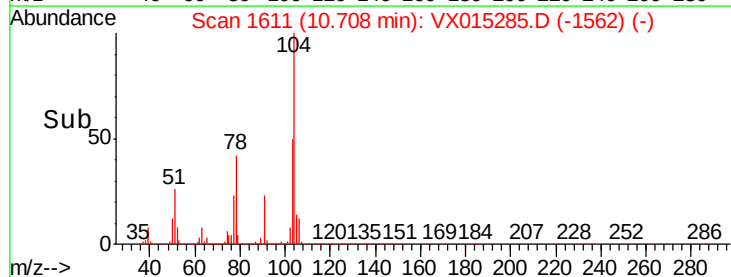
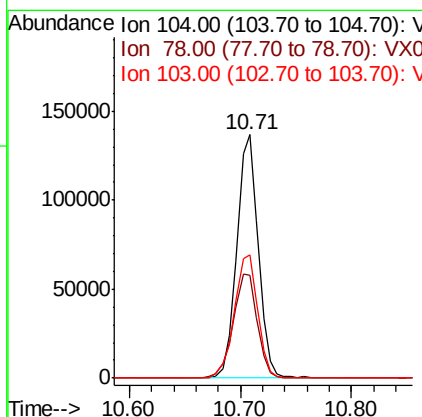
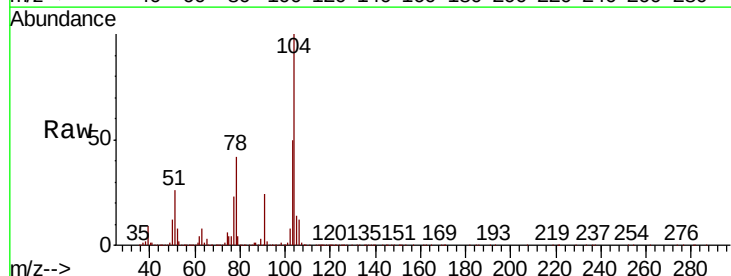
Instrument :
MSVOA_X
ClientSampleId :
VX0316WBSD01

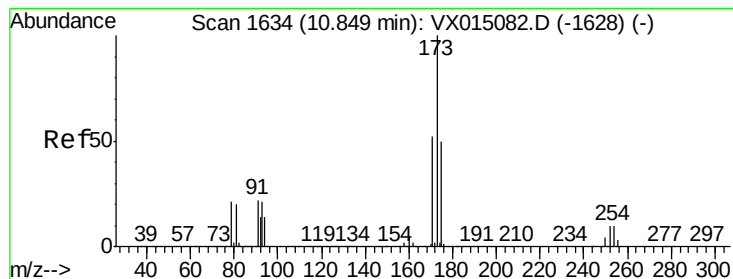
Tot Ion:106 Resp: 104317
Ion Ratio Lower Upper
106 100
91 212.4 105.4 316.1



#70
Styrene
Concen: 20.251 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. -0.00 min
Lab File: VX015285.D
Acq: 16 Mar 2020 11:49

Tgt Ion:104 Resp: 181865
Ion Ratio Lower Upper
104 100
78 48.3 39.0 58.4
103 55.3 43.7 65.5





#71

Bromoform

Concen: 19.533 ug/l

RT: 10.85 min Scan# 1634

Delta R.T. -0.00 min

Lab File: VX015285.D

Acq: 16 Mar 2020 11:49

Instrument :

MSVOA_X

ClientSampleId :

VX0316WBSD01

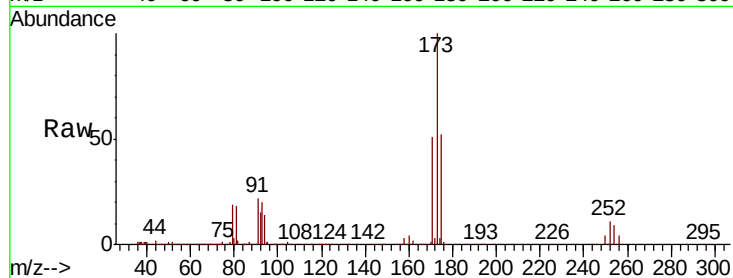
Tot Ion:173 Resp: 48363

Ion Ratio Lower Upper

173 100

175 50.5 24.9 74.7

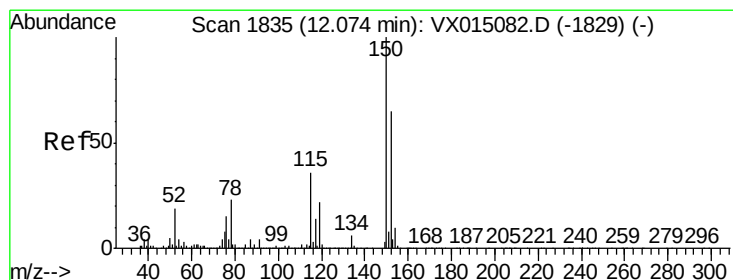
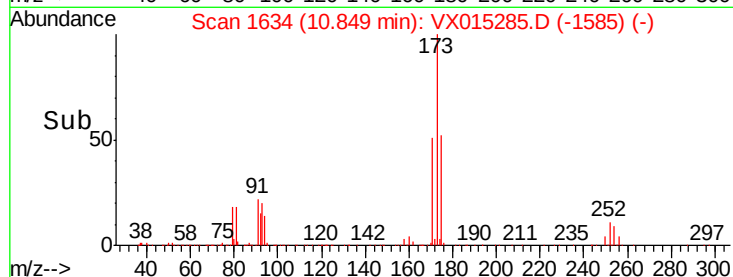
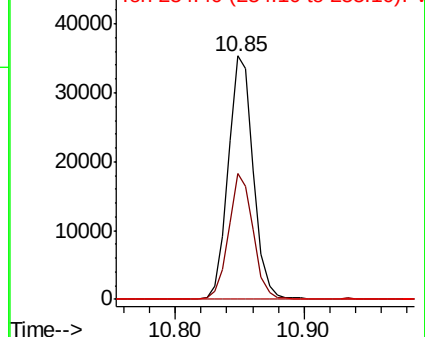
254 0.1 0.2 0.2#



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: VX015285.D

Acq: 16 Mar 2020 11:49

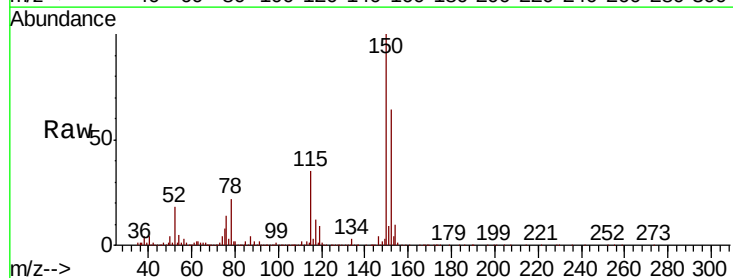
Tgt Ion:152 Resp: 229398

Ion Ratio Lower Upper

152 100

115 62.6 38.2 114.6

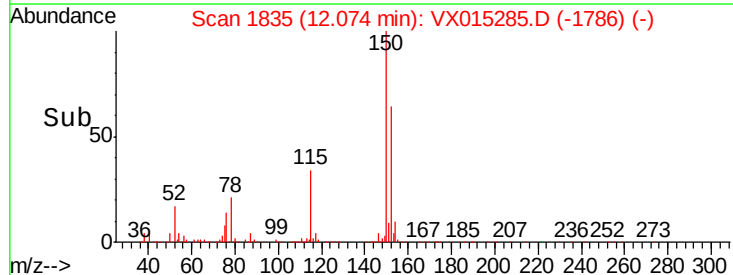
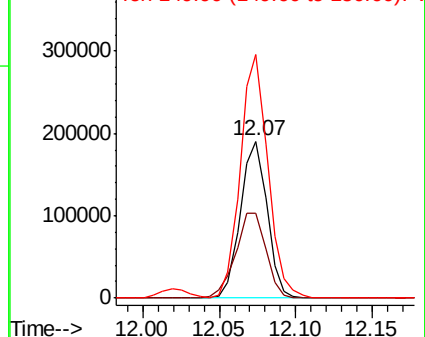
150 160.8 0.0 343.8

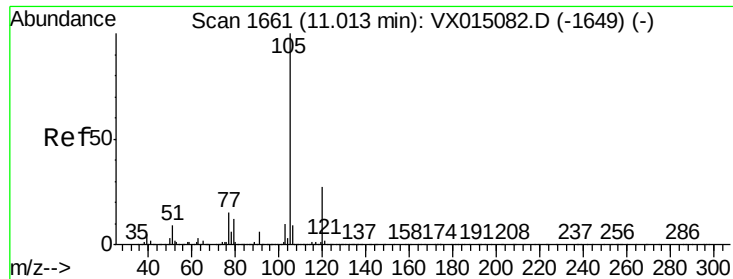


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 19.288 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. -0.00 min

Lab File: VX015285.D

Acq: 16 Mar 2020 11:49

Instrument :

MSVOA_X

ClientSampleId :

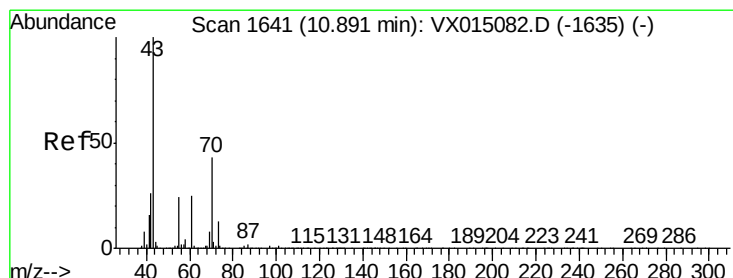
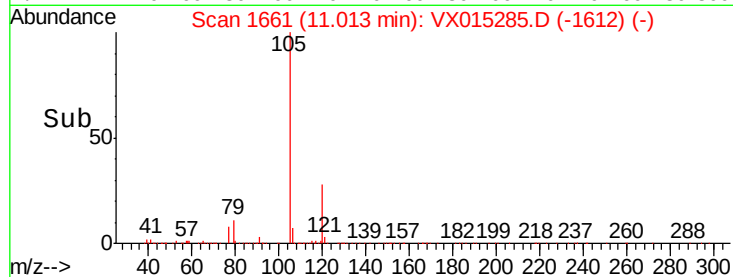
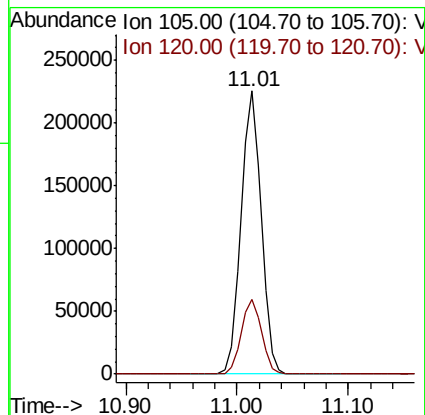
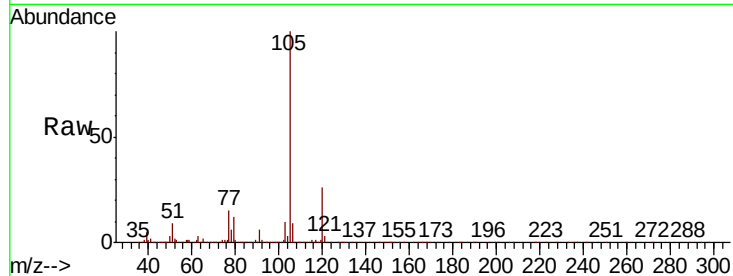
VX0316WBSD01

Tot Ion:105 Resp: 282649

Ion Ratio Lower Upper

105 100

120 26.5 13.5 40.5



#74

N-ethyl acetate

Concen: 19.086 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. -0.00 min

Lab File: VX015285.D

Acq: 16 Mar 2020 11:49

Tgt Ion: 43 Resp: 117872

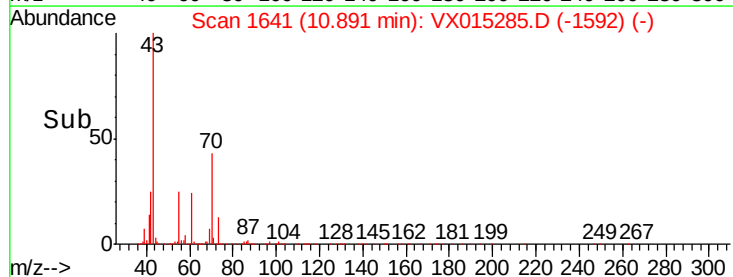
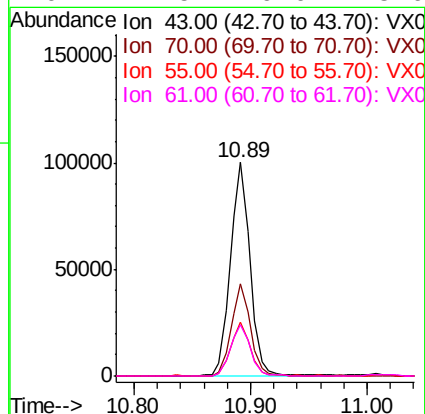
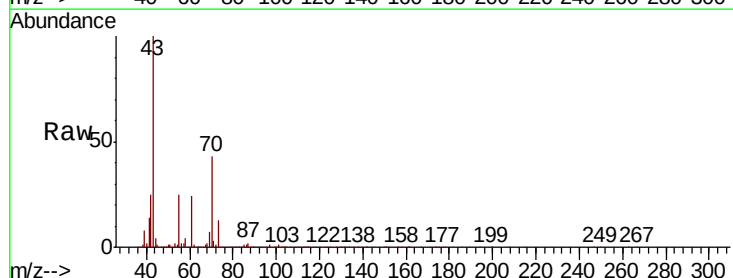
Ion Ratio Lower Upper

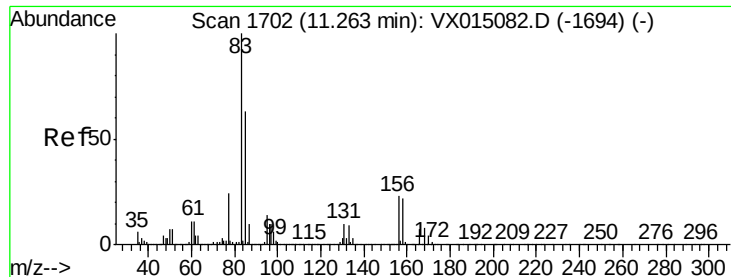
43 100

70 41.2 34.7 52.1

55 24.4 19.4 29.0

61 24.5 19.0 28.6





#75

1,1,2,2-Tetrachloroethane

Concen: 18.434 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. -0.00 min

Lab File: VX015285.D

Acq: 16 Mar 2020 11:49

Instrument :

MSVOA_X

ClientSampleId :

VX0316WBSD01

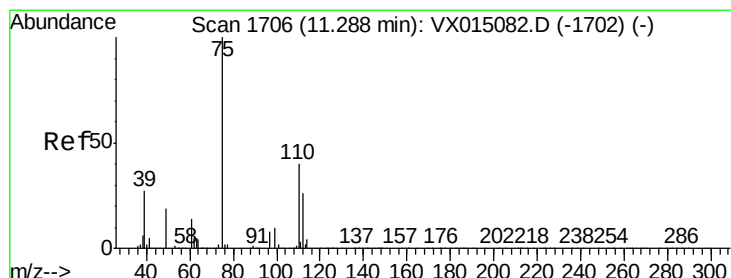
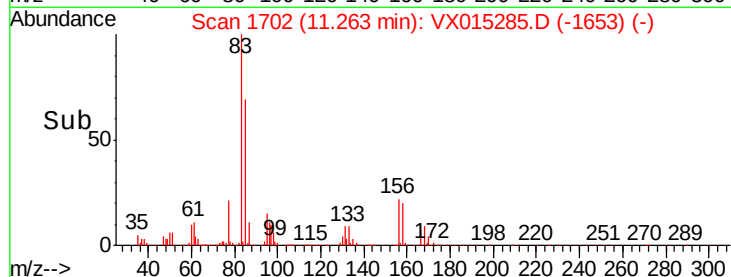
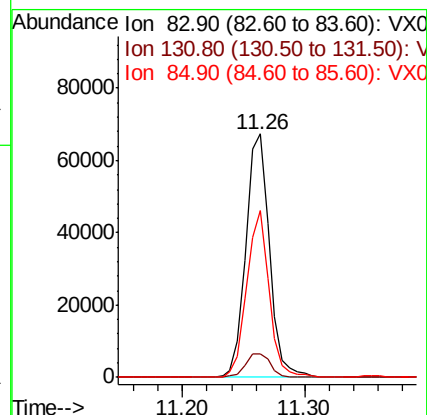
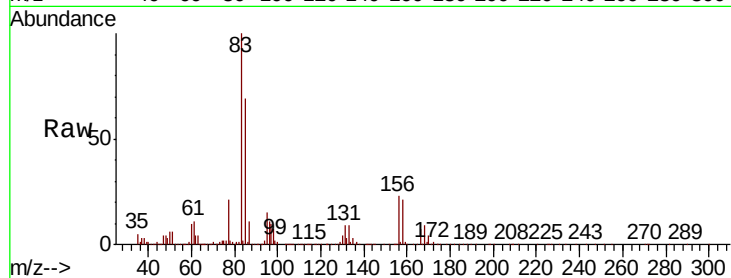
Tot Ion: 83 Resp: 90027

Ion Ratio Lower Upper

83 100

131 10.3 5.0 14.9

85 64.5 31.9 95.9



#76

1,2,3-Trichloropropane

Concen: 22.242 ug/l

RT: 11.29 min Scan# 1706

Delta R.T. -0.00 min

Lab File: VX015285.D

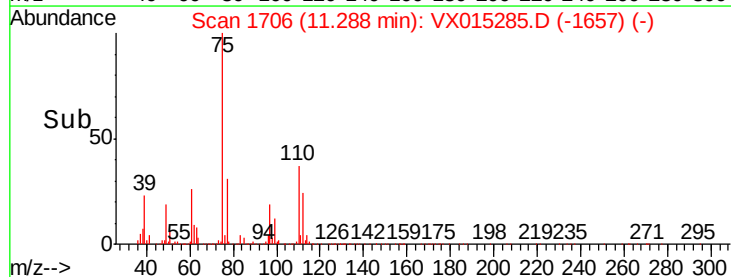
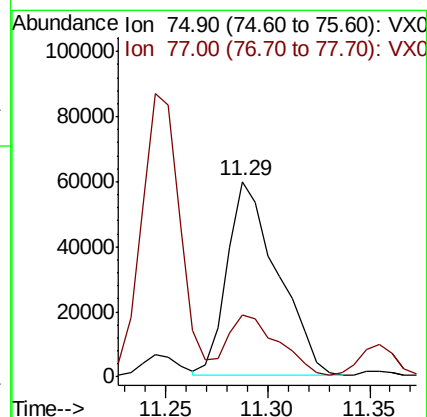
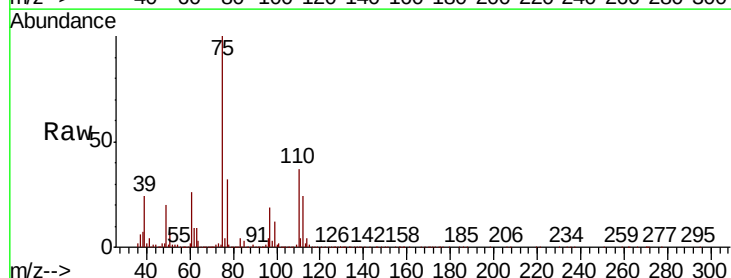
Acq: 16 Mar 2020 11:49

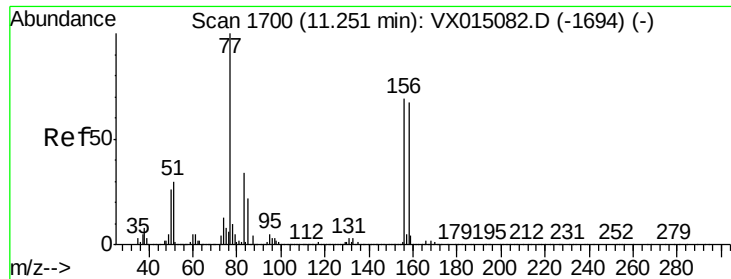
Tgt Ion: 75 Resp: 101776

Ion Ratio Lower Upper

75 100

77 32.8 22.6 67.8

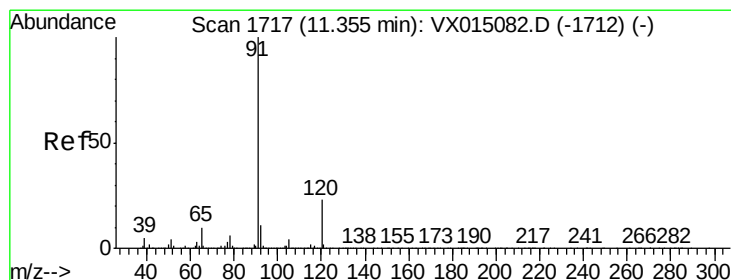
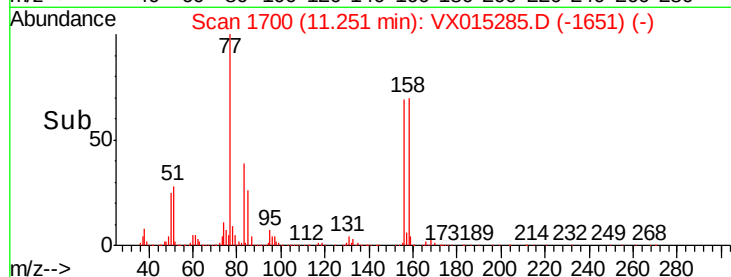
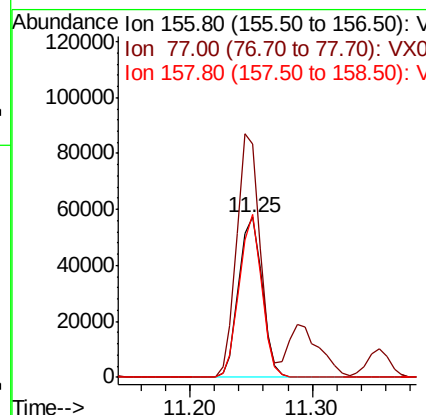
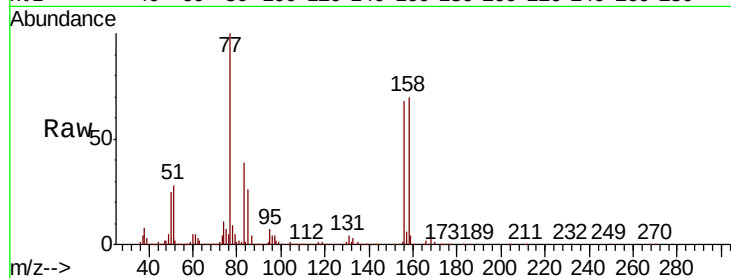




#77
Bromobenzene
Concen: 18.667 ug/l
RT: 11.25 min Scan# 1700
Delta R.T. -0.00 min
Lab File: VX015285.D
Acq: 16 Mar 2020 11:49

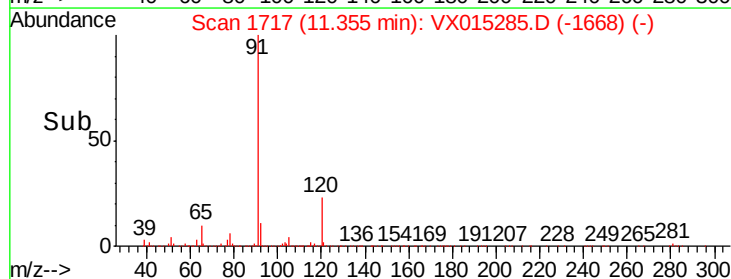
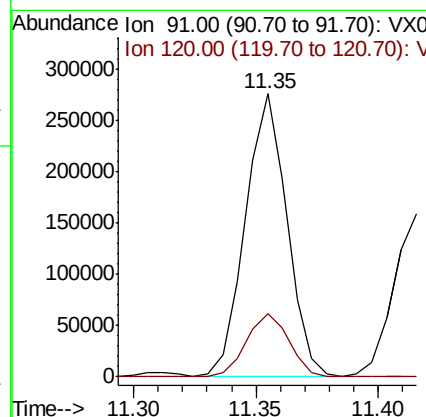
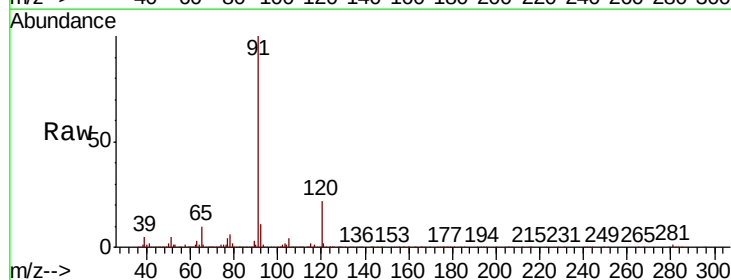
Instrument :
MSVOA_X
ClientSampleId :
VX0316WBSD01

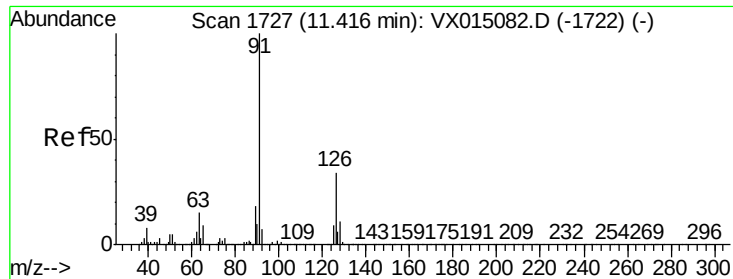
Tot Ion:156 Resp: 76234
Ion Ratio Lower Upper
156 100
77 148.4 75.3 225.9
158 97.1 48.5 145.6



#78
n-propylbenzene
Concen: 19.362 ug/l
RT: 11.35 min Scan# 1717
Delta R.T. -0.00 min
Lab File: VX015285.D
Acq: 16 Mar 2020 11:49

Tgt Ion: 91 Resp: 324160
Ion Ratio Lower Upper
91 100
120 23.1 11.7 35.1

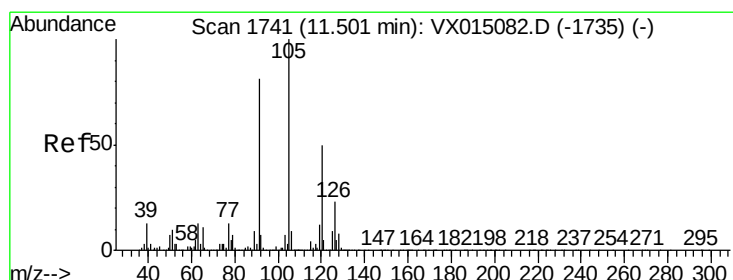
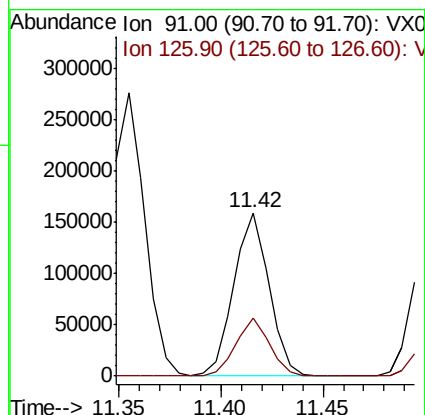
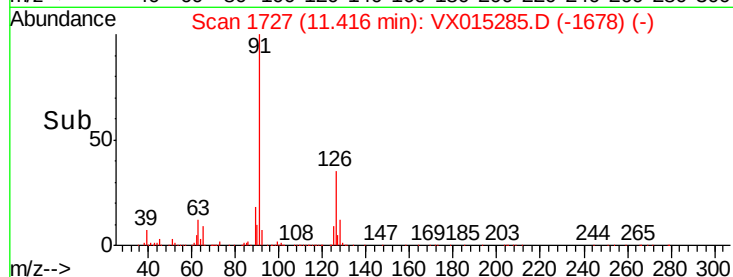
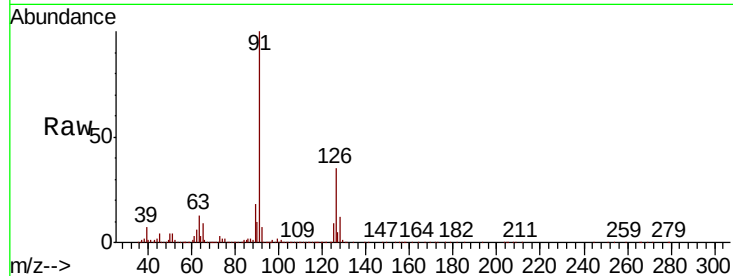




#79
2-Chlorotoluene
Concen: 18.941 ug/l
RT: 11.42 min Scan# 1727
Delta R.T. -0.00 min
Lab File: VX015285.D
Acq: 16 Mar 2020 11:49

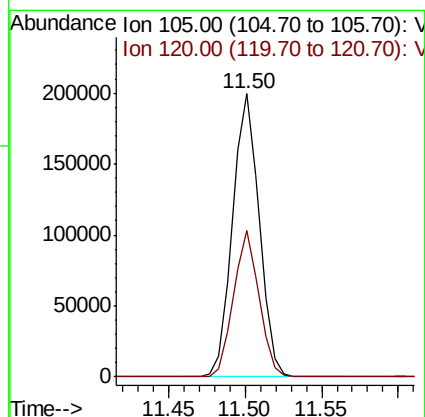
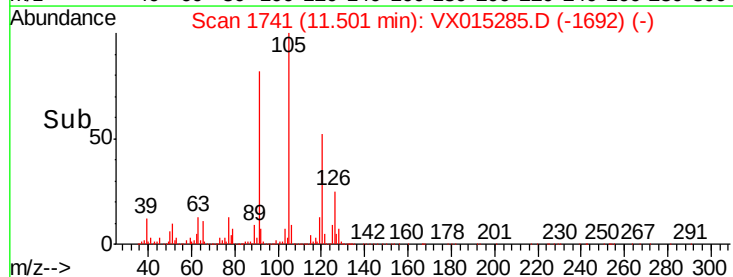
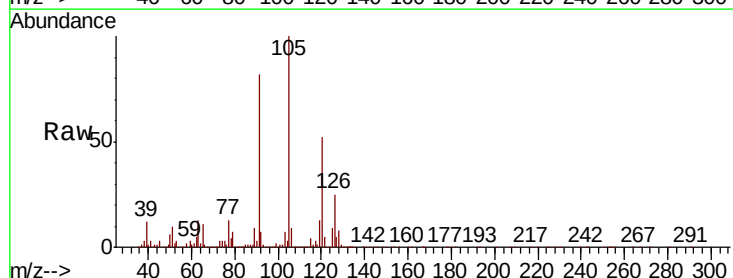
Instrument :
MSVOA_X
ClientSampleId :
VX0316WBSD01

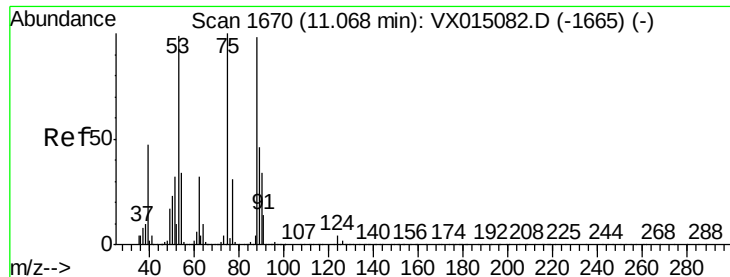
Tot Ion: 91 Resp: 189370
Ion Ratio Lower Upper
91 100
126 34.4 17.3 52.0



#80
1,3,5-Trimethylbenzene
Concen: 19.631 ug/l
RT: 11.50 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VX015285.D
Acq: 16 Mar 2020 11:49

Tgt Ion: 105 Resp: 239481
Ion Ratio Lower Upper
105 100
120 49.7 25.1 75.4

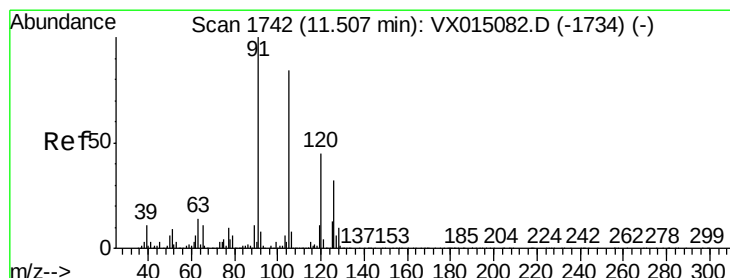
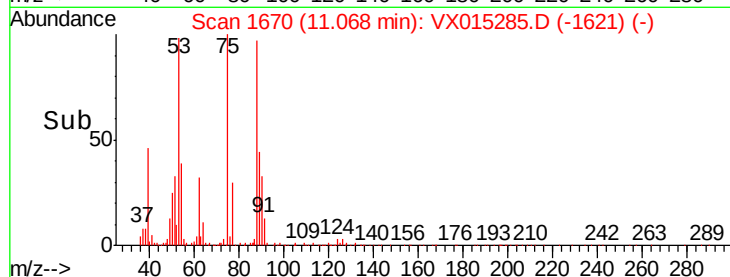
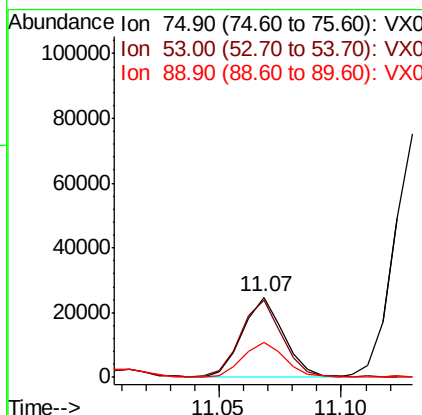
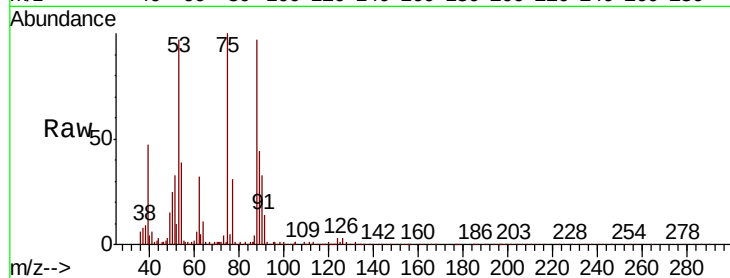




#81
trans-1,4-Dichloro-2-butene
Concen: 17.748 ug/l
RT: 11.07 min Scan# 1670
Delta R.T. -0.00 min
Lab File: VX015285.D
Acq: 16 Mar 2020 11:49

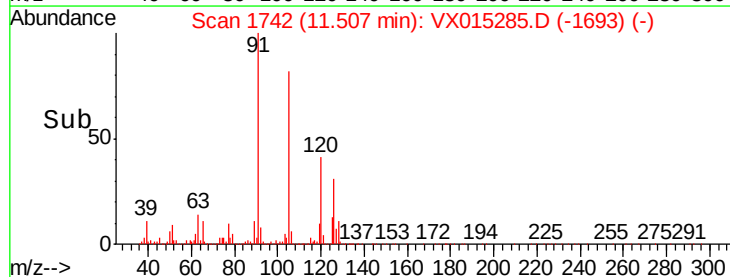
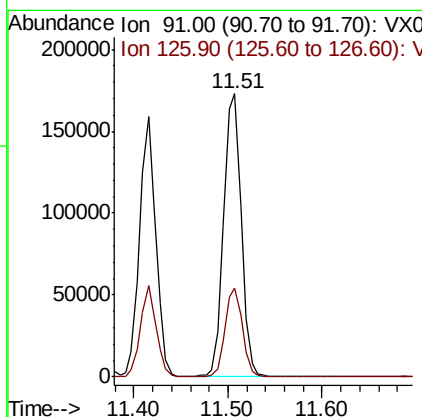
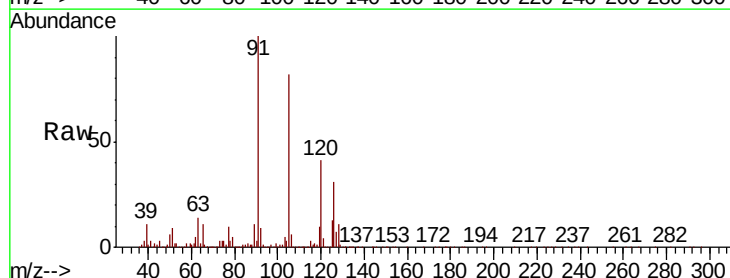
Instrument :
MSVOA_X
ClientSampleId :
VX0316WBSD01

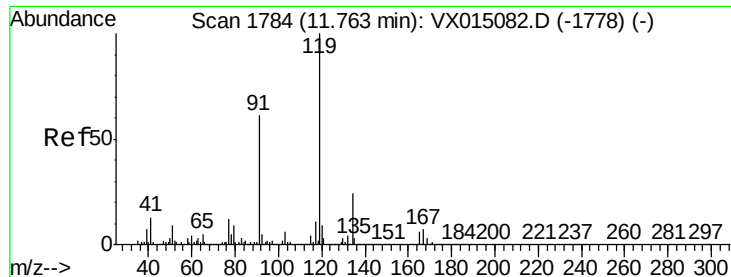
Tot Ion: 75 Resp: 28616
Ion Ratio Lower Upper
75 100
53 98.3 77.9 116.9
89 44.1 36.2 54.2



#82
4-Chlorotoluene
Concen: 19.005 ug/l
RT: 11.51 min Scan# 1742
Delta R.T. -0.00 min
Lab File: VX015285.D
Acq: 16 Mar 2020 11:49

Tgt Ion: 91 Resp: 224489
Ion Ratio Lower Upper
91 100
126 30.4 15.4 46.2

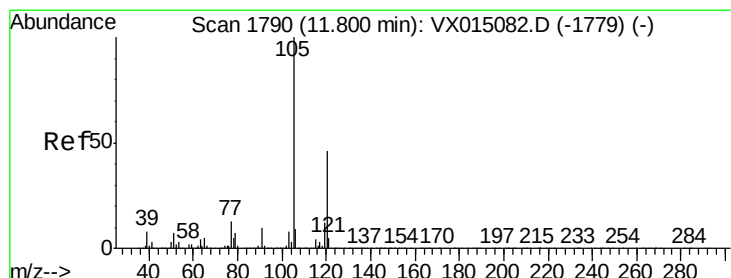
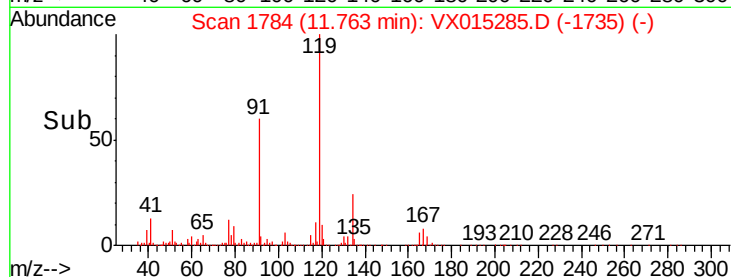
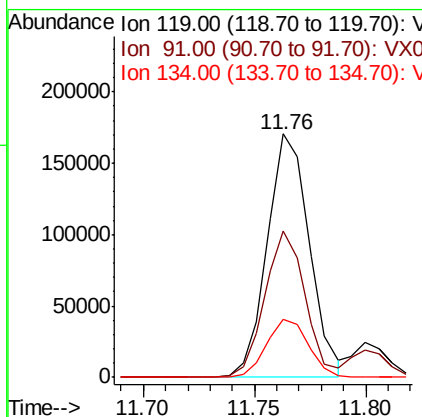
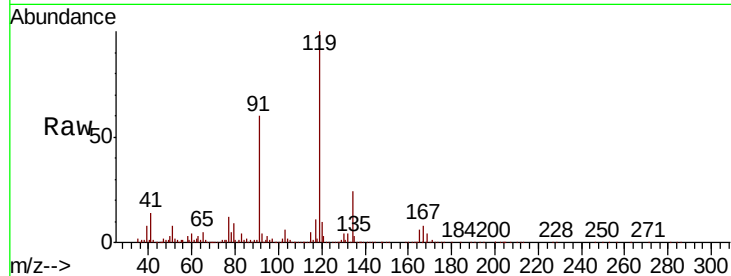




#83
 tert-Butylbenzene
 Concen: 19.007 ug/l
 RT: 11.76 min Scan# 1784
 Delta R.T. -0.00 min
 Lab File: VX015285.D
 Acq: 16 Mar 2020 11:49

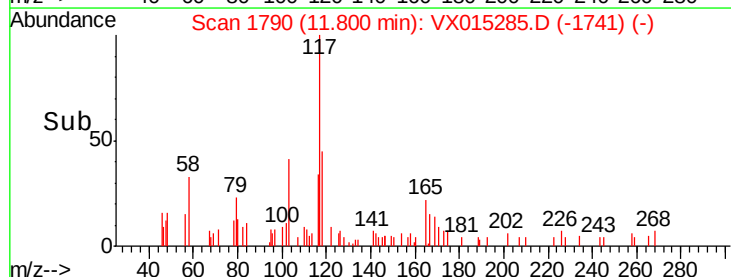
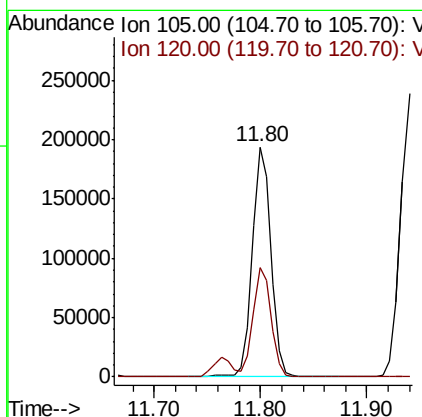
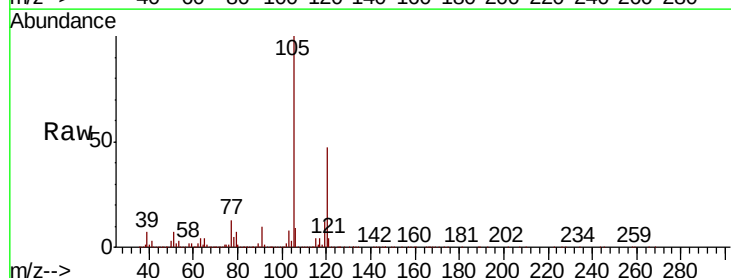
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0316WBSD01

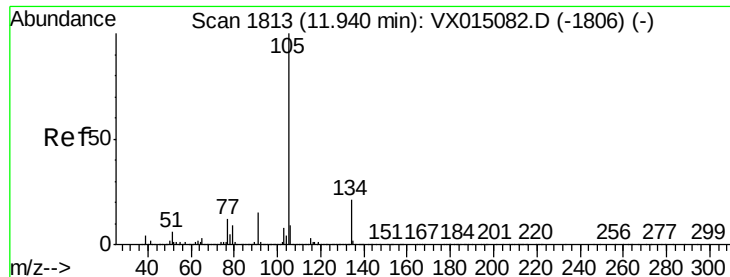
Tot Ion:119 Resp: 224201
 Ion Ratio Lower Upper
 119 100
 91 57.4 28.5 85.6
 134 23.9 11.9 35.7



#84
 1,2,4-Trimethylbenzene
 Concen: 19.423 ug/l
 RT: 11.80 min Scan# 1790
 Delta R.T. -0.00 min
 Lab File: VX015285.D
 Acq: 16 Mar 2020 11:49

Tgt Ion:105 Resp: 238028
 Ion Ratio Lower Upper
 105 100
 120 45.8 22.9 68.5

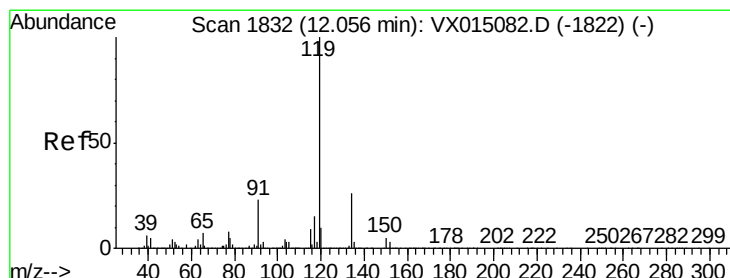
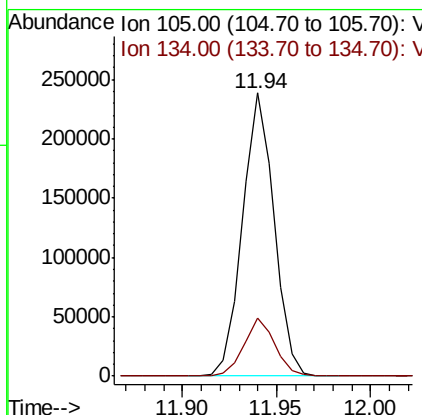
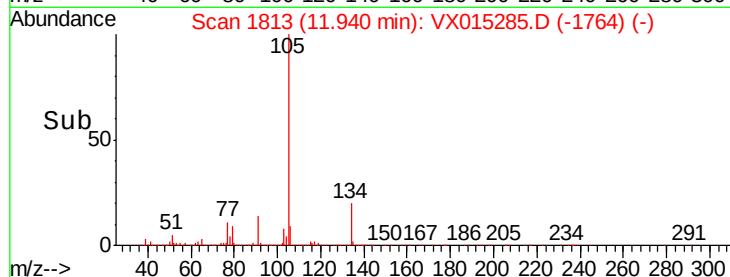
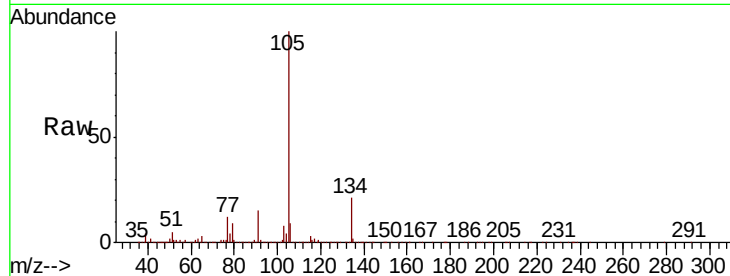




#85
 sec-Butylbenzene
 Concen: 19.459 ug/l
 RT: 11.94 min Scan# 1813
 Delta R.T. -0.00 min
 Lab File: VX015285.D
 Acq: 16 Mar 2020 11:49

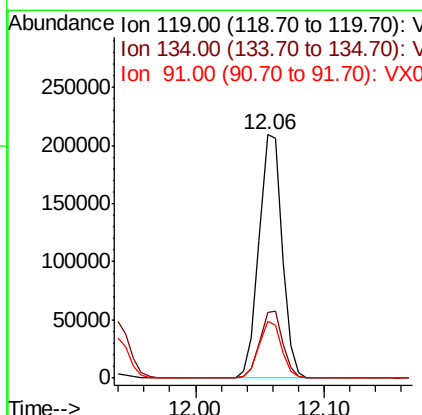
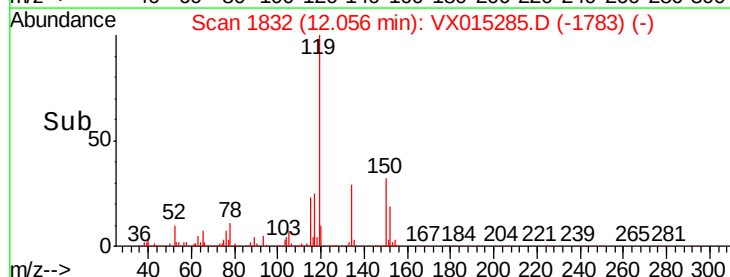
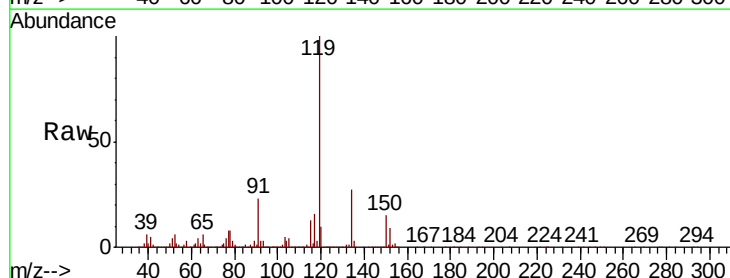
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0316WBSD01

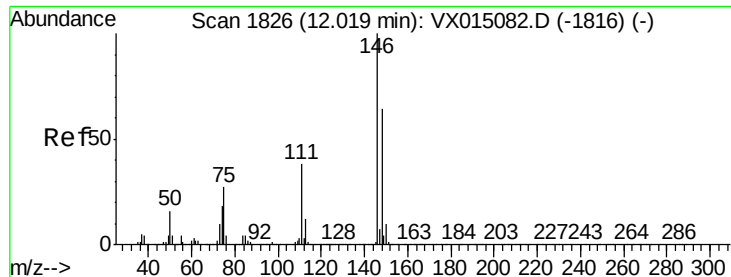
Tot Ion:105 Resp: 277086
 Ion Ratio Lower Upper
 105 100
 134 20.2 10.4 31.2



#86
 p-Isopropyltoluene
 Concen: 19.760 ug/l
 RT: 12.06 min Scan# 1832
 Delta R.T. -0.00 min
 Lab File: VX015285.D
 Acq: 16 Mar 2020 11:49

Tgt Ion:119 Resp: 259235
 Ion Ratio Lower Upper
 119 100
 134 27.2 13.4 40.1
 91 22.6 11.3 33.8





#87

1,3-Dichlorobenzene

Concen: 18.992 ug/l

RT: 12.02 min Scan# 1826

Delta R.T. -0.00 min

Lab File: VX015285.D

Acq: 16 Mar 2020 11:49

Instrument :

MSVOA_X

ClientSampleId :

VX0316WBSD01

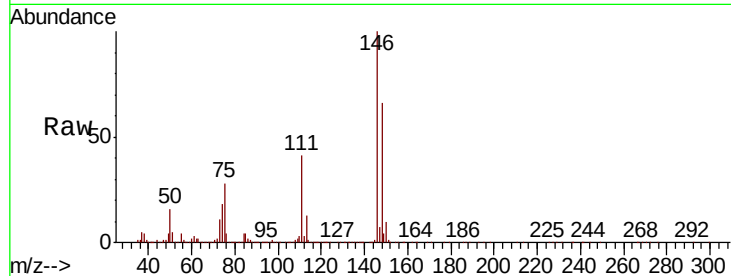
Tot Ion:146 Resp: 136351

Ion Ratio Lower Upper

146 100

111 39.4 19.1 57.1

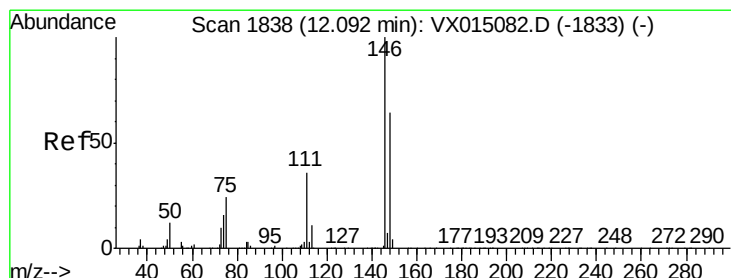
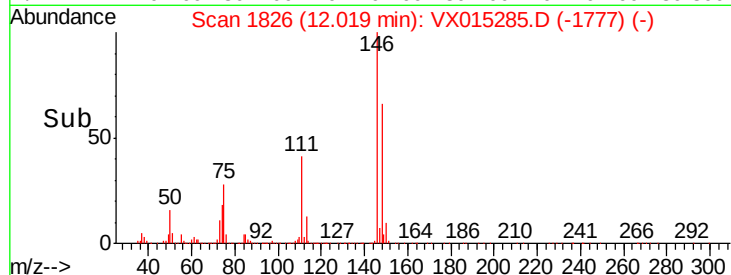
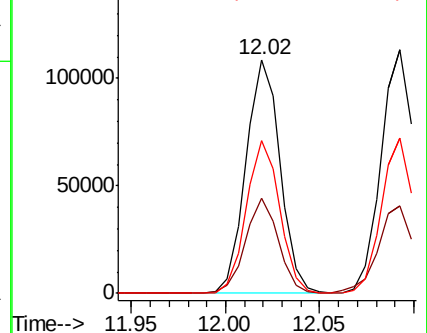
148 64.4 31.9 95.5



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



#88

1,4-Dichlorobenzene

Concen: 18.894 ug/l

RT: 12.09 min Scan# 1838

Delta R.T. -0.00 min

Lab File: VX015285.D

Acq: 16 Mar 2020 11:49

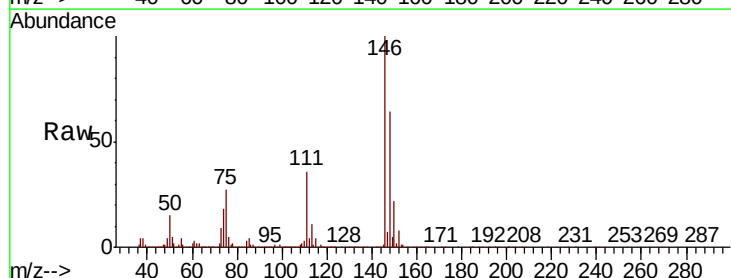
Tgt Ion:146 Resp: 140046

Ion Ratio Lower Upper

146 100

111 37.4 18.7 56.1

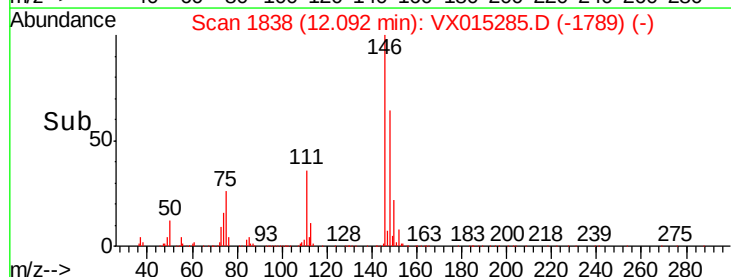
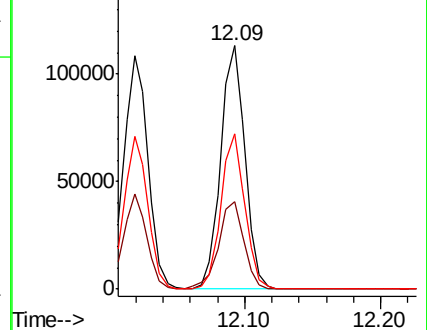
148 62.2 32.5 97.4

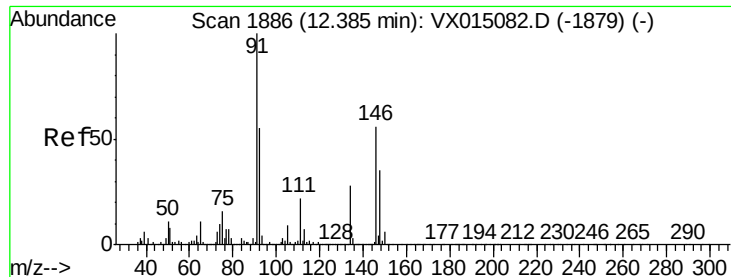


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V





#89

n-Butylbenzene

Concen: 19.813 ug/l

RT: 12.38 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX015285.D

Acq: 16 Mar 2020 11:49

Instrument :

MSVOA_X

ClientSampleId :

VX0316WBSD01

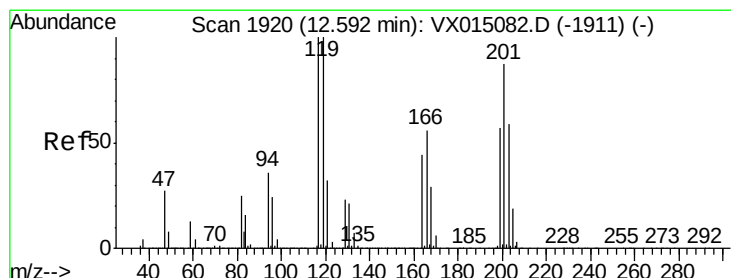
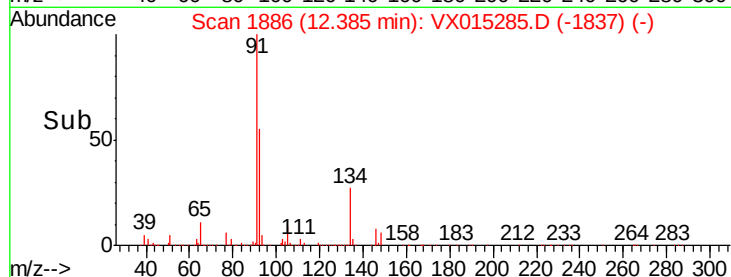
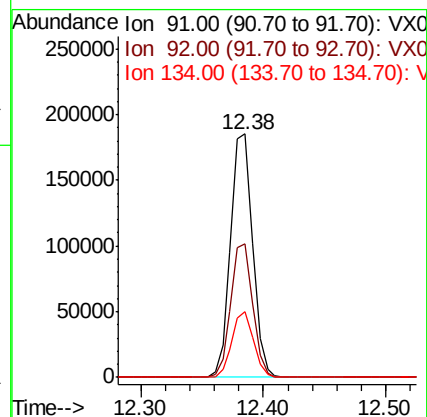
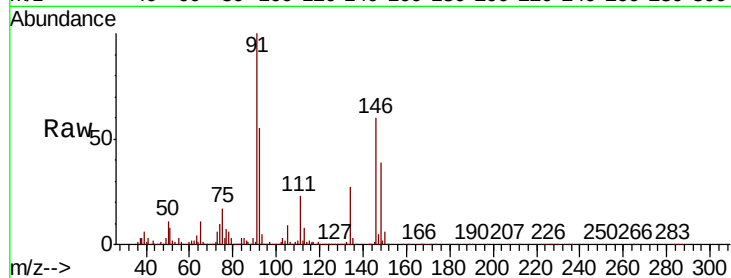
Tot Ion: 91 Resp: 231176

Ion Ratio Lower Upper

91 100

92 54.2 27.2 81.6

134 26.5 13.5 40.5



#90

Hexachloroethane

Concen: 18.122 ug/l

RT: 12.59 min Scan# 1920

Delta R.T. -0.00 min

Lab File: VX015285.D

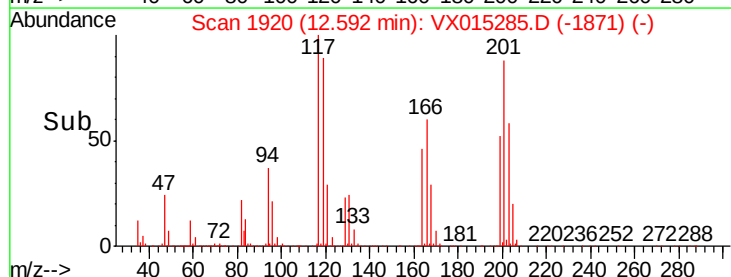
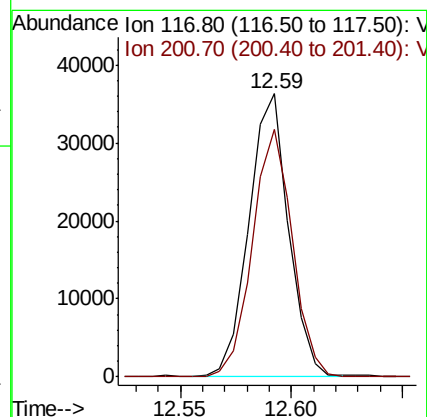
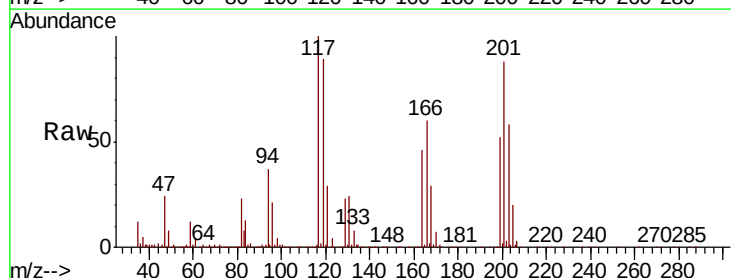
Acq: 16 Mar 2020 11:49

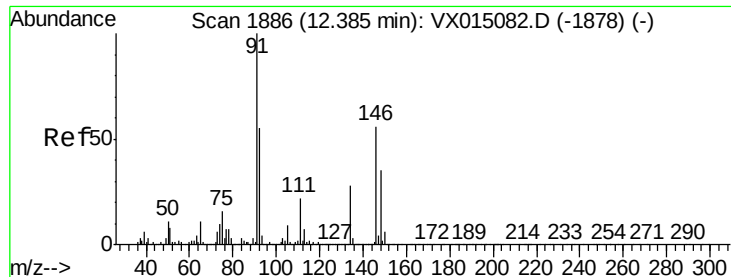
Tgt Ion: 117 Resp: 44945

Ion Ratio Lower Upper

117 100

201 88.4 43.5 130.7

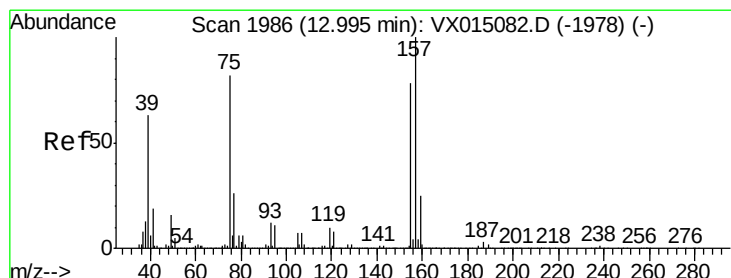
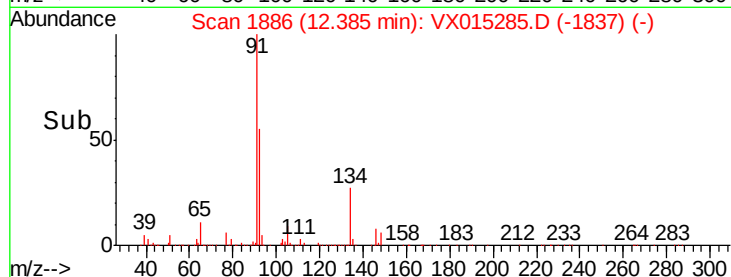
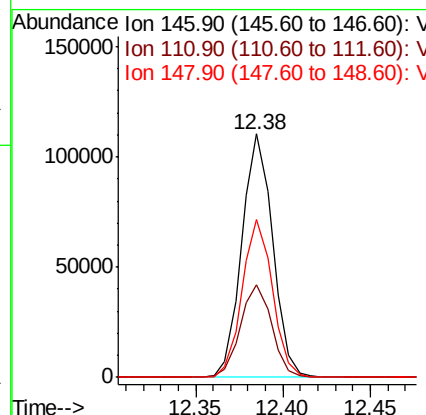
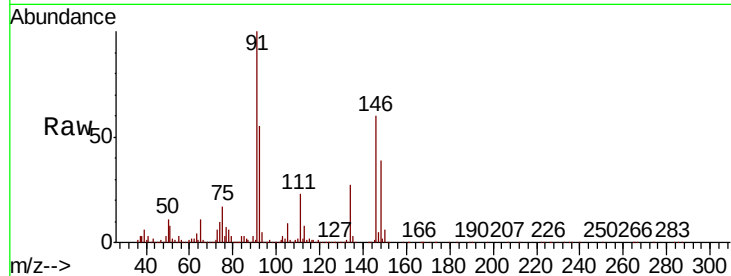




#91
 1,2-Dichlorobenzene
 Concen: 19.003 ug/l
 RT: 12.38 min Scan# 1886
 Delta R.T. -0.00 min
 Lab File: VX015285.D
 Acq: 16 Mar 2020 11:49

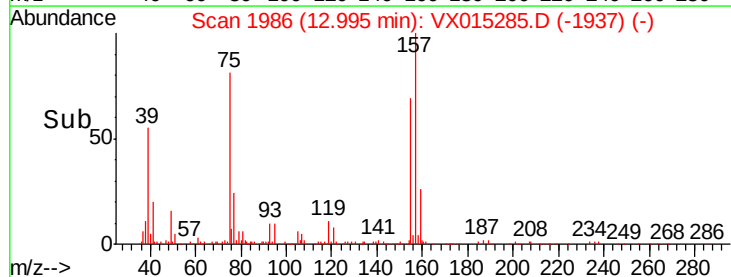
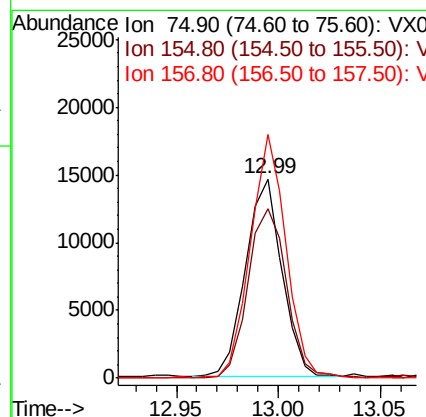
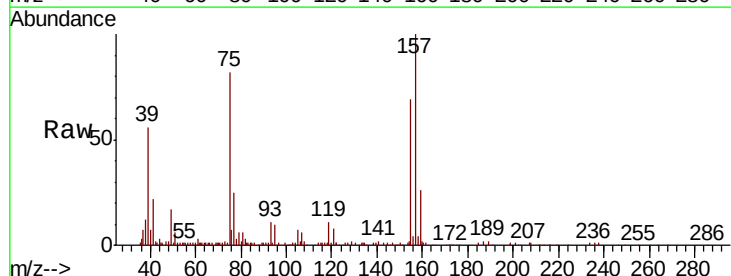
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0316WBSD01

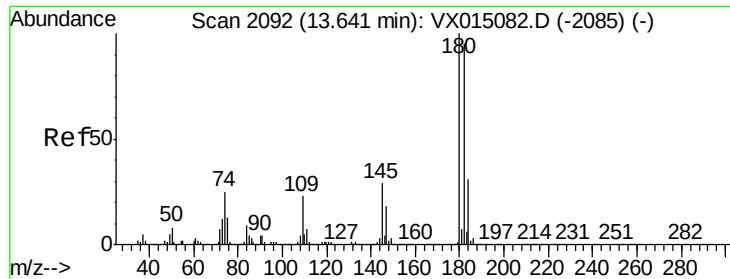
Tot Ion	Ratio	Lower	Upper
146	100		
111	38.8	19.9	59.7
148	63.6	32.3	96.8



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 18.601 ug/l
 RT: 12.99 min Scan# 1986
 Delta R.T. -0.00 min
 Lab File: VX015285.D
 Acq: 16 Mar 2020 11:49

Tgt Ion	Ratio	Lower	Upper
75	100		
155	90.8	46.6	139.7
157	120.3	59.2	177.5

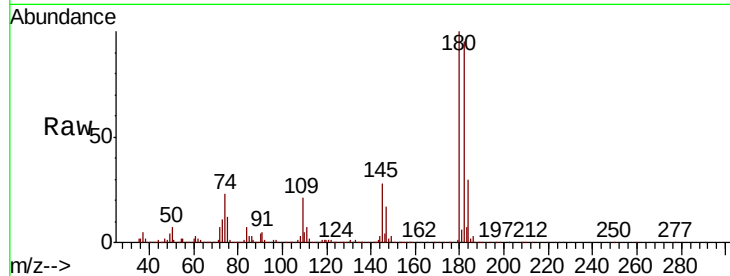




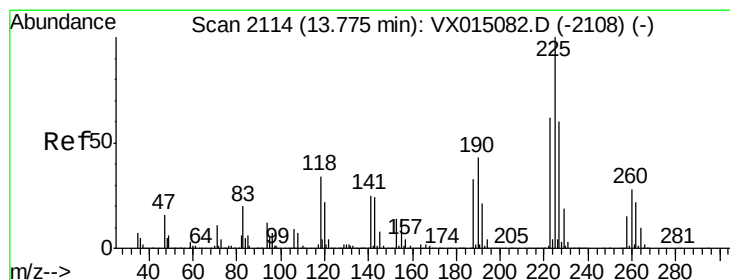
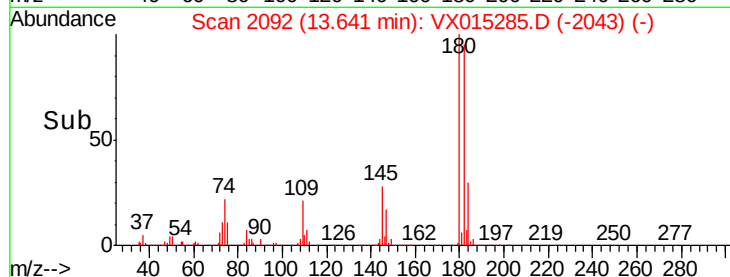
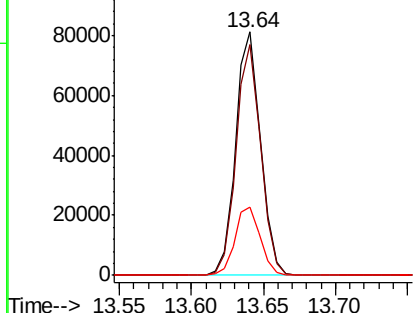
#93
 1,2,4-Trichlorobenzene
 Concen: 19.791 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. -0.00 min
 Lab File: VX015285.D
 Acq: 16 Mar 2020 11:49

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0316WBSD01

Tot Ion:180 Resp: 98055
 Ion Ratio Lower Upper
 180 100
 182 94.1 47.6 142.8
 145 28.8 14.1 42.2

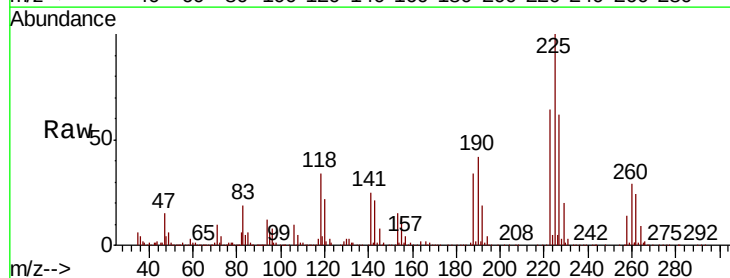


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

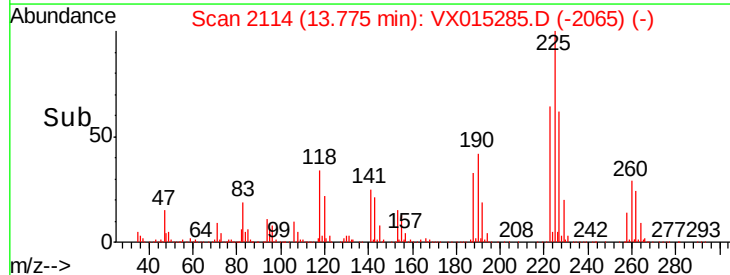
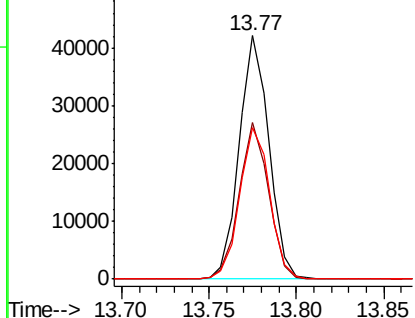


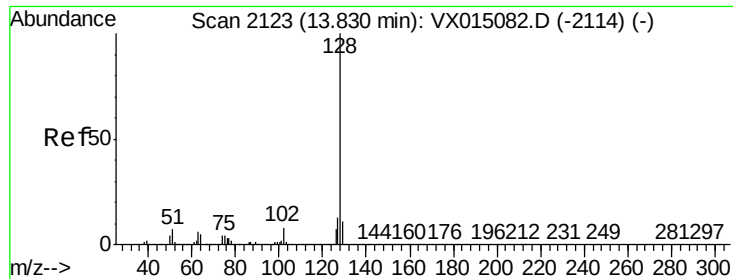
#94
 Hexachlorobutadiene
 Concen: 19.547 ug/l
 RT: 13.77 min Scan# 2114
 Delta R.T. -0.00 min
 Lab File: VX015285.D
 Acq: 16 Mar 2020 11:49

Tgt Ion:225 Resp: 49697
 Ion Ratio Lower Upper
 225 100
 223 63.7 31.3 93.9
 227 63.2 31.1 93.2



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V

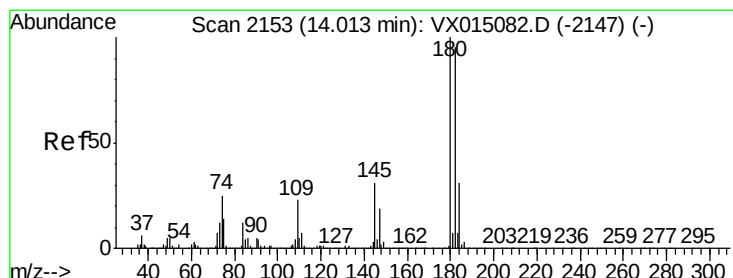
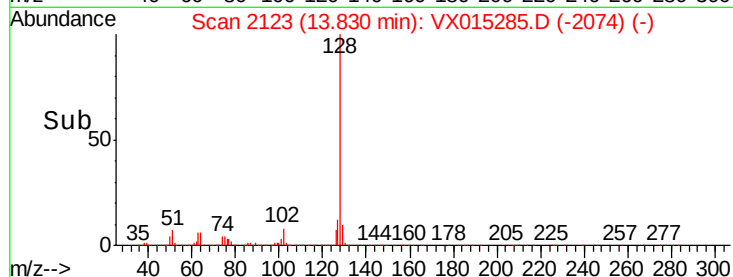
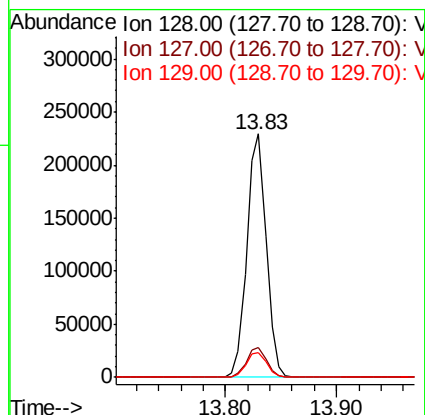
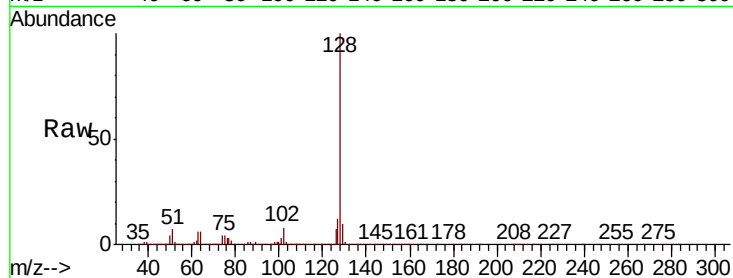




#95
Naphthalene
Concen: 19.072 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. 0.00 min
Lab File: VX015285.D
Acq: 16 Mar 2020 11:49

Instrument :
MSVOA_X
ClientSampleId :
VX0316WBSD01

Tot Ion:128 Resp: 275873
Ion Ratio Lower Upper
128 100
127 12.8 10.3 15.5
129 10.8 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 19.777 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. -0.00 min
Lab File: VX015285.D
Acq: 16 Mar 2020 11:49

Tgt Ion:180 Resp: 97765
Ion Ratio Lower Upper
180 100
182 93.9 47.8 143.4
145 29.5 15.1 45.3

