

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX031320\
 Data File : VX015246.D
 Acq On : 13 Mar 2020 10:03
 Operator : JC/SP
 Sample : VX0313WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0313WBS01

Quant Time: Mar 16 08:16:13 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	300067	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	444356	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	408478	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	213547	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.05	65	156852	44.06	ug/l	0.00
Spiked Amount			Recovery	=	88.12%	
35) Dibromofluoromethane	5.48	113	135358	48.29	ug/l	0.00
Spiked Amount			Recovery	=	96.58%	
50) Toluene-d8	8.71	98	522038	48.96	ug/l	0.00
Spiked Amount			Recovery	=	97.92%	
62) 4-Bromofluorobenzene	11.13	95	189713	49.88	ug/l	0.00
Spiked Amount			Recovery	=	99.76%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.19	85	45216	17.208	ug/l	99
3) Chloromethane	1.32	50	61461	16.513	ug/l	100
4) Vinyl Chloride	1.40	62	63856	16.919	ug/l	94
5) Bromomethane	1.64	94	41039	17.687	ug/l	98
6) Chloroethane	1.72	64	38210	16.877	ug/l	100
7) Trichlorofluoromethane	1.93	101	79049	17.602	ug/l	97
8) Diethyl Ether	2.18	74	35780	17.591	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.38	101	50974	18.041	ug/l	98
10) Methyl Iodide	2.50	142	44994	14.095	ug/l	99
11) Tert butyl alcohol	3.03	59	57444	93.005	ug/l	98
12) 1,1-Dichloroethene	2.37	96	49331	16.917	ug/l	98
13) Acrolein	2.28	56	49211	84.783	ug/l	98
14) Allyl chloride	2.72	41	94041	18.496	ug/l	94
15) Acrylonitrile	3.13	53	148462	96.518	ug/l	99
16) Acetone	2.44	43	135048	93.673	ug/l	95
17) Carbon Disulfide	2.56	76	129438	15.984	ug/l	100
18) Methyl Acetate	2.76	43	66806	18.951	ug/l	98
19) Methyl tert-butyl Ether	3.18	73	167620	18.395	ug/l	97
20) Methylene Chloride	2.85	84	58046	17.204	ug/l	99
21) trans-1,2-Dichloroethene	3.15	96	55040	17.677	ug/l	98
22) Diisopropyl ether	3.84	45	200633	19.806	ug/l	96
23) Vinyl Acetate	3.80	43	807212	96.940	ug/l	99
24) 1,1-Dichloroethane	3.69	63	103811	18.465	ug/l	97
25) 2-Butanone	4.65	43	209403	99.213	ug/l	99
26) 2,2-Dichloropropane	4.57	77	81408	18.240	ug/l	100
27) cis-1,2-Dichloroethene	4.58	96	64003	18.323	ug/l	99
28) Bromochloromethane	5.00	49	54741	21.382	ug/l	96
29) Tetrahydrofuran	5.12	42	132368	97.291	ug/l	97
30) Chloroform	5.20	83	100806	18.396	ug/l	97
31) Cyclohexane	5.58	56	94461	18.836	ug/l	96
32) 1,1,1-Trichloroethane	5.48	97	83481	18.378	ug/l	99
36) 1,1-Dichloropropene	5.79	75	74411	18.114	ug/l	98
37) Ethyl Acetate	4.81	43	80195	21.046	ug/l	99
38) Carbon Tetrachloride	5.77	117	70238	18.114	ug/l	97

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX031320\
 Data File : VX015246.D
 Acq On : 13 Mar 2020 10:03
 Operator : JC/SP
 Sample : VX0313WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0313WBS01

Quant Time: Mar 16 08:16:13 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	92845	19.356	ug/l	99
40) Benzene	6.13	78	232891	19.109	ug/l	99
41) Methacrylonitrile	5.03	41	44766	19.559	ug/l	97
42) 1,2-Dichloroethane	6.18	62	76595	18.301	ug/l	96
43) Isopropyl Acetate	6.43	43	129305	19.289	ug/l	97
44) Trichloroethene	7.20	130	63323	18.656	ug/l	91
45) 1,2-Dichloropropane	7.50	63	60863	19.293	ug/l	94
46) Dibromomethane	7.65	93	37843	18.411	ug/l	96
47) Bromodichloromethane	7.89	83	76771	18.887	ug/l	98
48) Methyl methacrylate	7.76	41	67233	19.706	ug/l	95
49) 1,4-Dioxane	7.74	88	29765	403.502	ug/l	98
51) 4-Methyl-2-Pentanone	8.63	43	405846	102.397	ug/l	100
52) Toluene	8.78	92	144269	19.360	ug/l	99
53) t-1,3-Dichloropropene	9.03	75	82783	19.134	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	96863	19.804	ug/l	93
55) 1,1,2-Trichloroethane	9.21	97	58593	19.103	ug/l	98
56) Ethyl methacrylate	9.17	69	89022	20.348	ug/l	97
57) 1,3-Dichloropropane	9.36	76	101586	19.687	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.30	63	235255	98.708	ug/l	100
59) 2-Hexanone	9.48	43	305747	104.079	ug/l	98
60) Dibromochloromethane	9.57	129	61823	19.188	ug/l	98
61) 1,2-Dibromoethane	9.67	107	61612	19.125	ug/l	98
64) Tetrachloroethene	9.33	164	66509	19.693	ug/l	97
65) Chlorobenzene	10.14	112	158171	19.287	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.21	131	57269	18.520	ug/l	98
67) Ethyl Benzene	10.25	91	271455	19.493	ug/l	99
68) m/p-Xylenes	10.35	106	207108	39.090	ug/l	100
69) o-Xylene	10.69	106	99395	19.594	ug/l	99
70) Styrene	10.71	104	172556	19.839	ug/l	99
71) Bromoform	10.85	173	44878	18.715	ug/l	99
73) Isopropylbenzene	11.01	105	268040	19.649	ug/l	100
74) N-amyl acetate	10.89	43	111927	19.469	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.26	83	84963	18.689	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	94624	22.214	ug/l	82
77) Bromobenzene	11.25	156	70898	18.649	ug/l	99
78) n-propylbenzene	11.35	91	310741	19.938	ug/l	99
79) 2-Chlorotoluene	11.42	91	182202	19.576	ug/l	100
80) 1,3,5-Trimethylbenzene	11.50	105	225022	19.815	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	27284	18.178	ug/l	99
82) 4-Chlorotoluene	11.51	91	210314	19.127	ug/l	99
83) tert-Butylbenzene	11.76	119	220265	20.060	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	227864	19.973	ug/l	100
85) sec-Butylbenzene	11.94	105	265508	20.030	ug/l	100
86) p-Isopropyltoluene	12.06	119	247245	20.245	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	127751	19.115	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	127805	18.523	ug/l	99
89) n-Butylbenzene	12.38	91	214262	19.726	ug/l	99
90) Hexachloroethane	12.59	117	40677	17.618	ug/l	94
91) 1,2-Dichlorobenzene	12.38	146	124809	18.784	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	16948	18.617	ug/l	95

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX031320\
Data File : VX015246.D
Acq On : 13 Mar 2020 10:03
Operator : JC/SP
Sample : VX0313WBS01
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0313WBS01

Quant Time: Mar 16 08:16:13 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

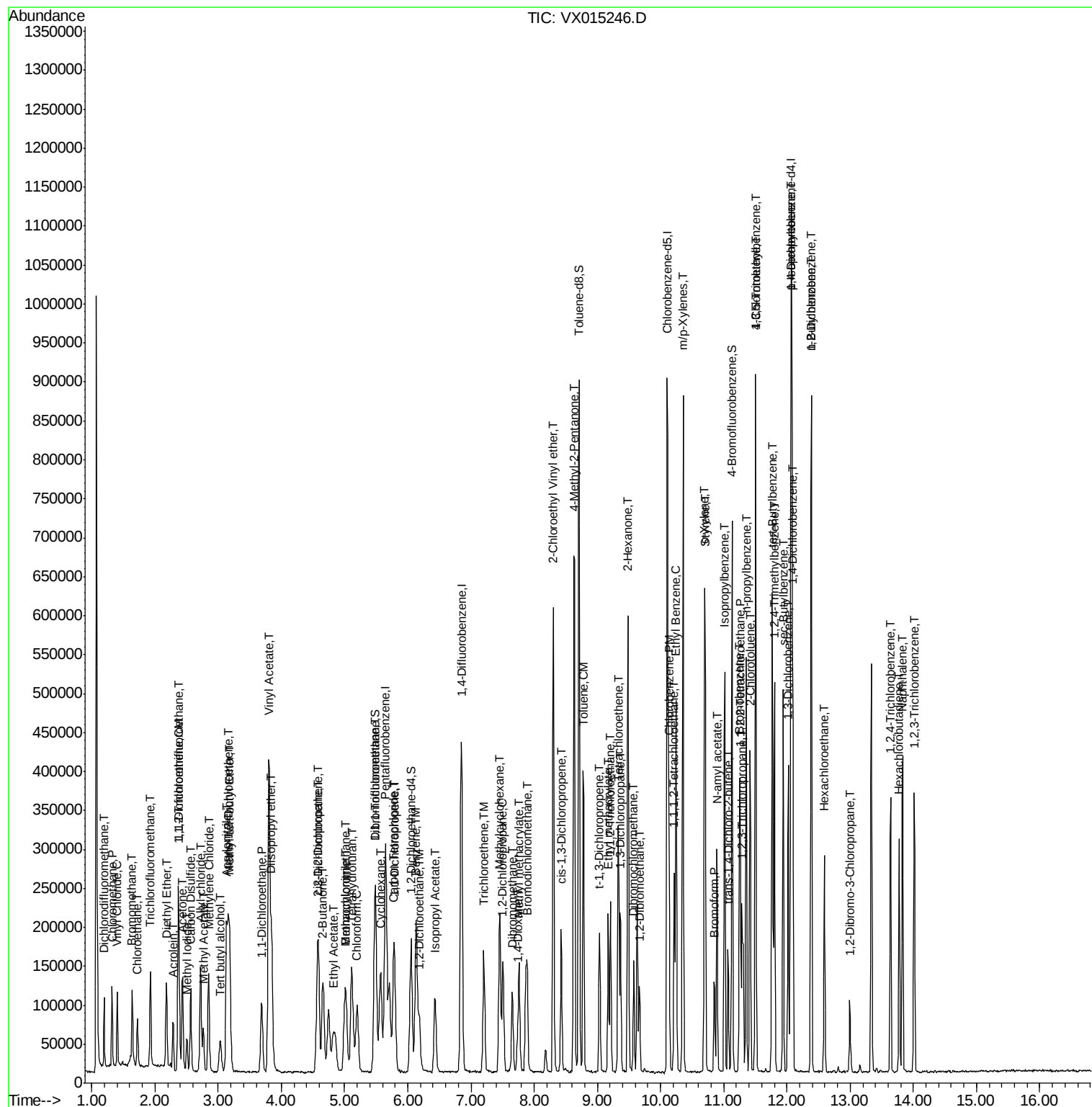
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	90620	19.648	ug/l	99
94) Hexachlorobutadiene	13.77	225	47749	20.175	ug/l	98
95) Naphthalene	13.83	128	246616	18.371	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	91941	19.979	ug/l	100

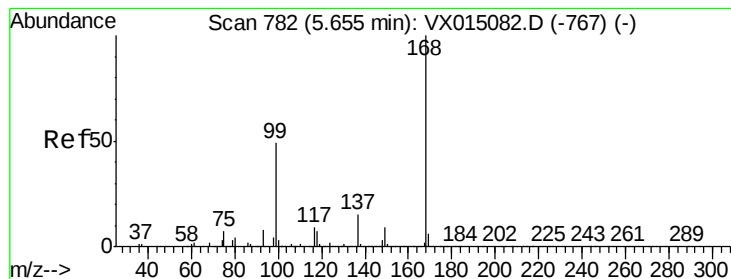
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX031320\
Data File : VX015246.D
Acq On : 13 Mar 2020 10:03
Operator : JC/SP
Sample : VX0313WBS01
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleID :
VX0313WBS01

Quant Time: Mar 16 08:16:13 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X030420W.M
Quant Title : SW846 8260
QLast Update : Wed Mar 04 14:19:10 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 781

Delta R.T. -0.01 min

Lab File: VX015246.D

Acq: 13 Mar 2020 10:03

Instrument :

MSVOA_X

ClientSampleId :

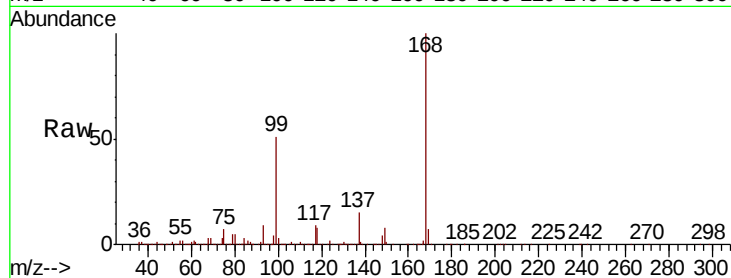
VX0313WBS01

Tot Ion:168 Resp: 300067

Ion Ratio Lower Upper

168 100

99 50.8 39.4 59.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

120000

100000

80000

60000

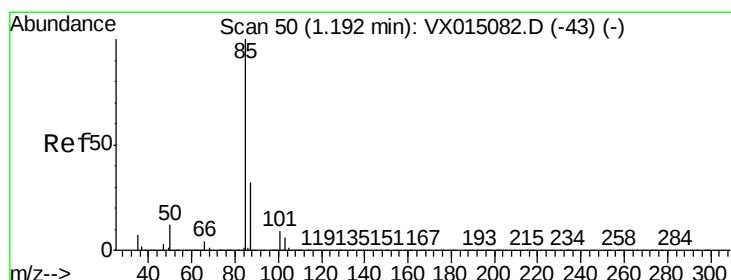
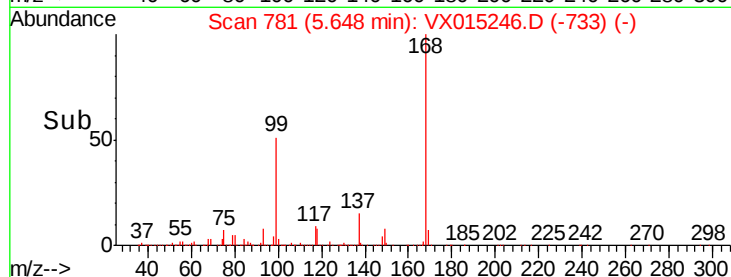
40000

20000

0

Time-->

5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 17.208 ug/l

RT: 1.19 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX015246.D

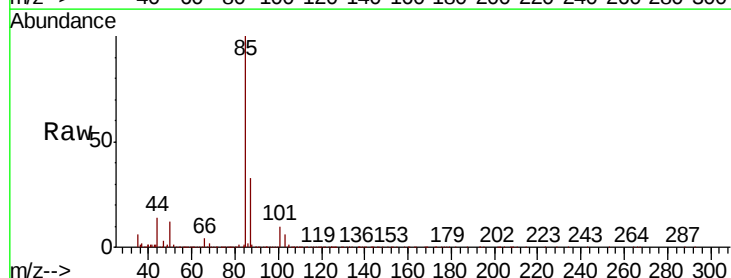
Acq: 13 Mar 2020 10:03

Tgt Ion: 85 Resp: 45216

Ion Ratio Lower Upper

85 100

87 32.8 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

30000

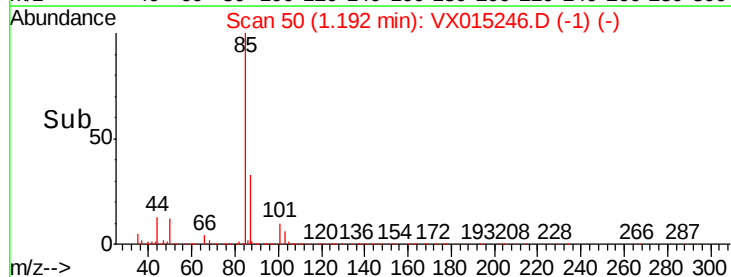
20000

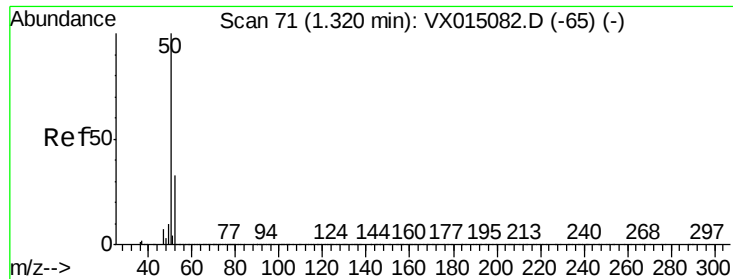
10000

0

Time-->

1.15 1.20 1.25





#3

Chloromethane

Concen: 16.513 ug/l

RT: 1.32 min Scan# 71

Delta R.T. -0.00 min

Lab File: VX015246.D

Acq: 13 Mar 2020 10:03

Instrument :

MSVOA_X

ClientSampleId :

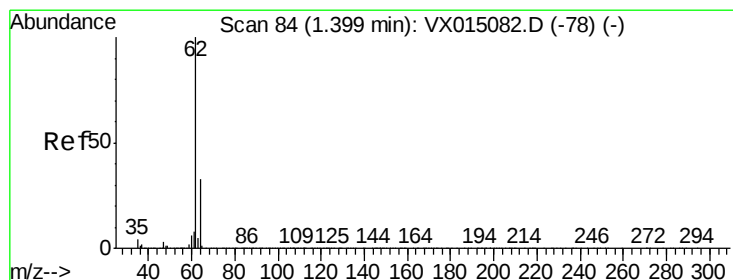
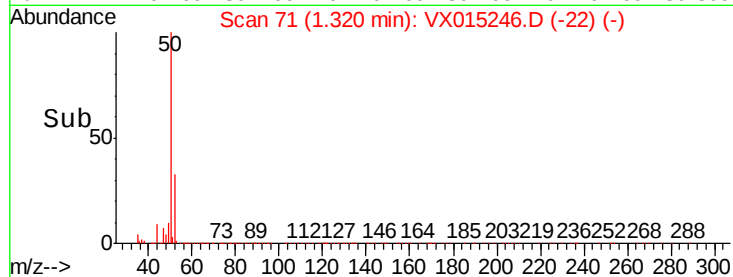
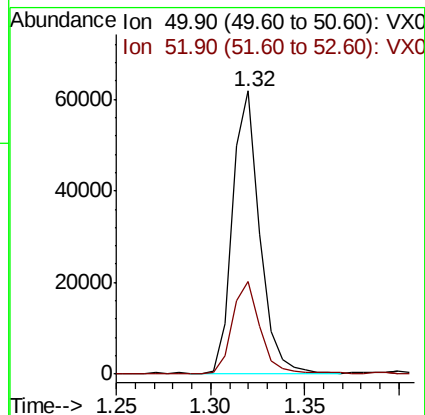
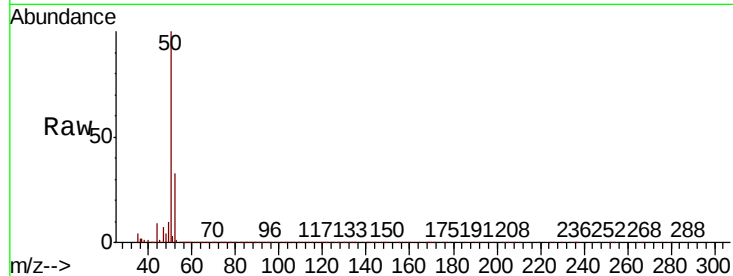
VX0313WBS01

Tot Ion: 50 Resp: 61461

Ion Ratio Lower Upper

50 100

52 32.5 26.2 39.2



#4

Vinyl Chloride

Concen: 16.919 ug/l

RT: 1.40 min Scan# 84

Delta R.T. -0.00 min

Lab File: VX015246.D

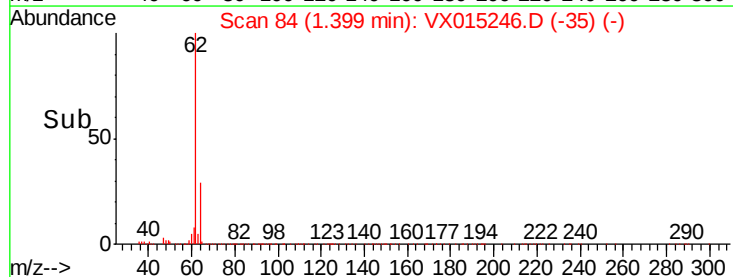
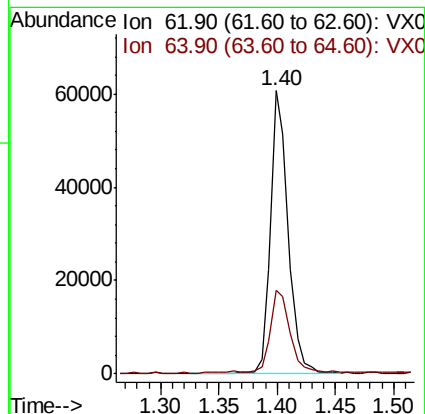
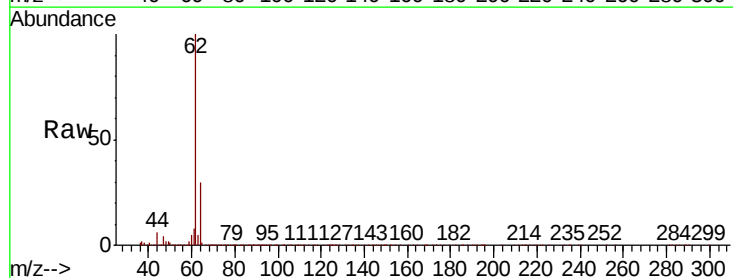
Acq: 13 Mar 2020 10:03

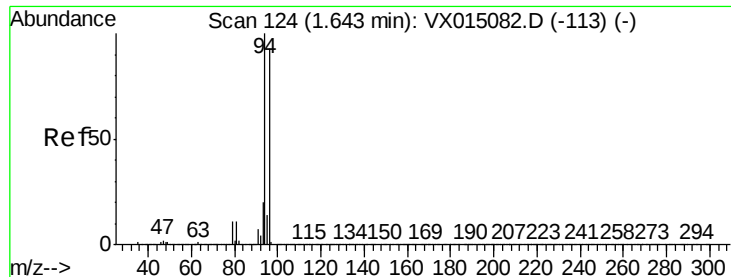
Tgt Ion: 62 Resp: 63856

Ion Ratio Lower Upper

62 100

64 29.1 26.1 39.1





#5

Bromomethane

Concen: 17.687 ug/l

RT: 1.64 min Scan# 124

Delta R.T. -0.00 min

Lab File: VX015246.D

Acq: 13 Mar 2020 10:03

Instrument :

MSVOA_X

ClientSampleId :

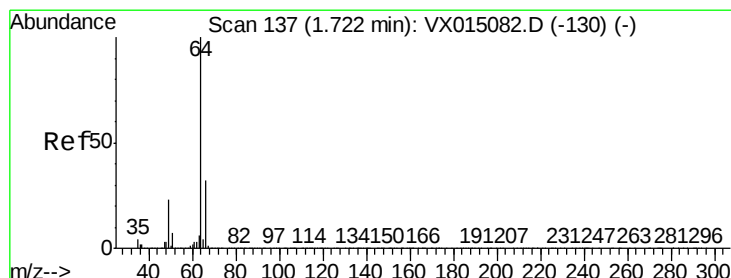
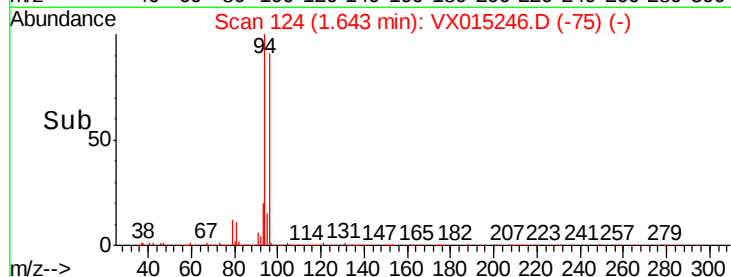
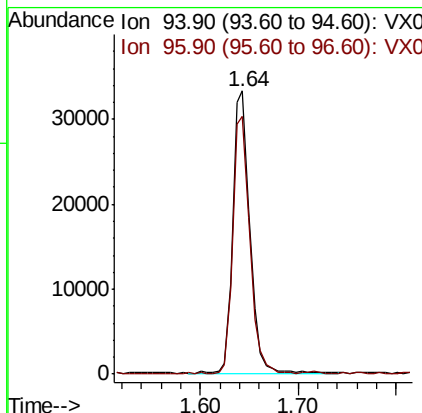
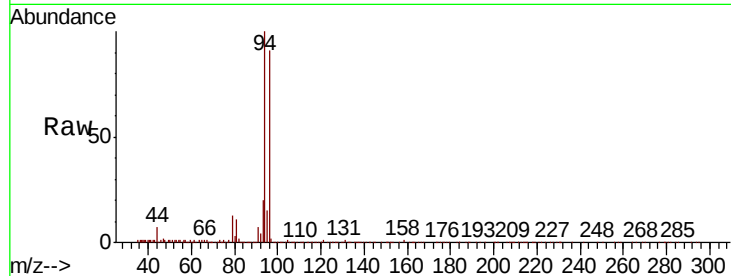
VX0313WBS01

Tot Ion: 94 Resp: 41039

Ion Ratio Lower Upper

94 100

96 90.8 74.6 111.8



#6

Chloroethane

Concen: 16.877 ug/l

RT: 1.72 min Scan# 137

Delta R.T. -0.00 min

Lab File: VX015246.D

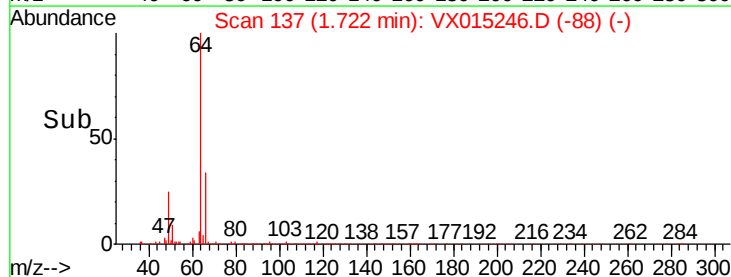
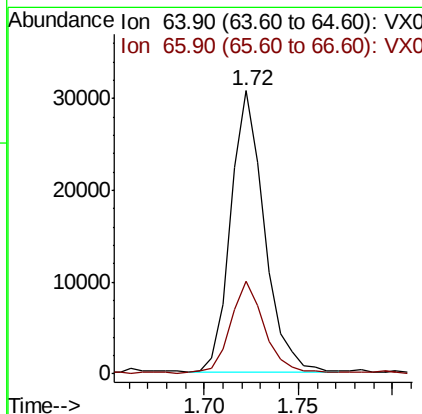
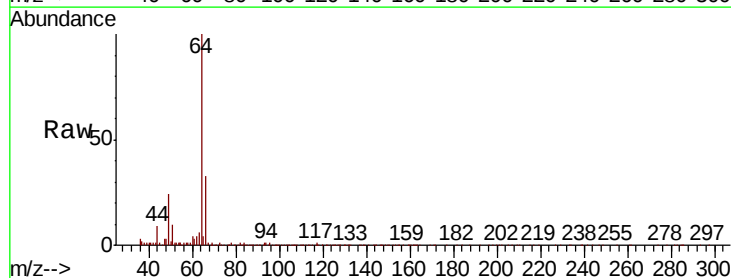
Acq: 13 Mar 2020 10:03

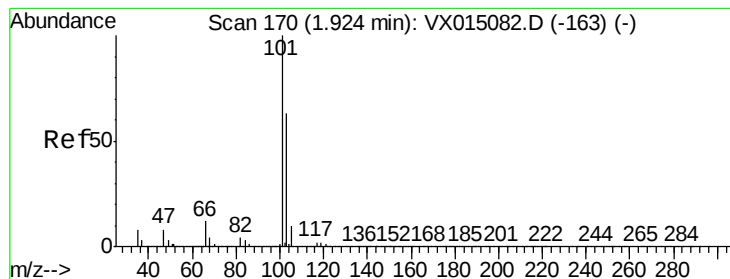
Tgt Ion: 64 Resp: 38210

Ion Ratio Lower Upper

64 100

66 32.4 25.8 38.8



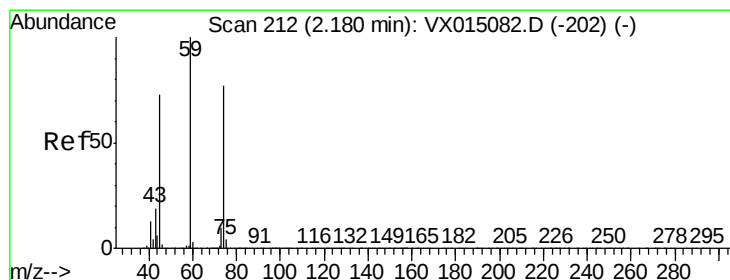
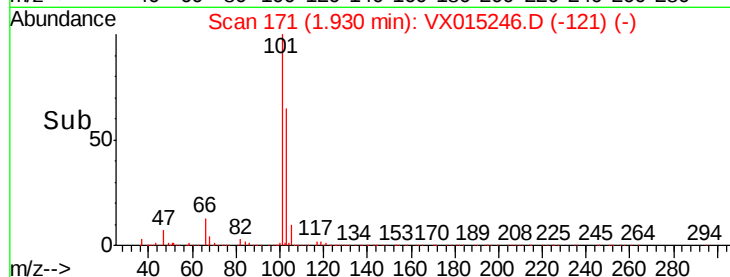
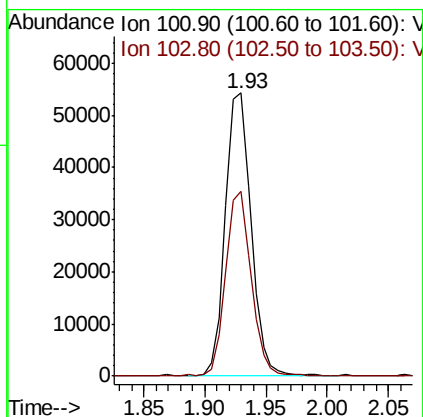
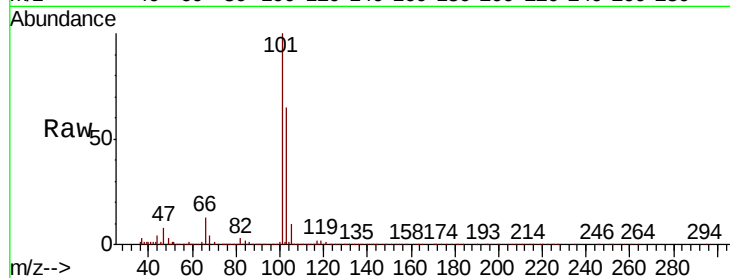


#7

Trichlorofluoromethane
 Concen: 17.602 ug/l
 RT: 1.93 min Scan# 171
 Delta R.T. 0.01 min
 Lab File: VX015246.D
 Acq: 13 Mar 2020 10:03

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0313WBS01

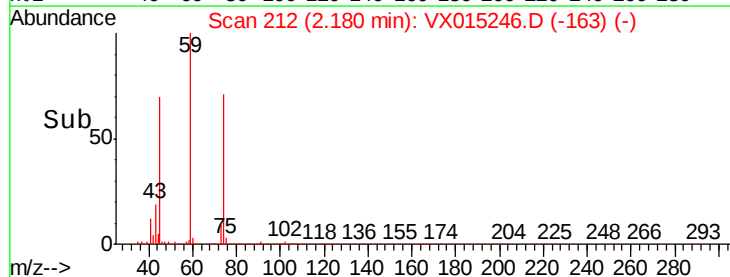
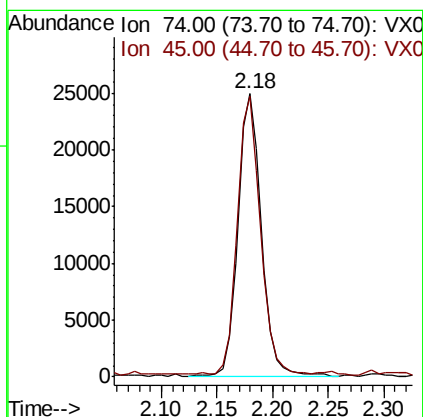
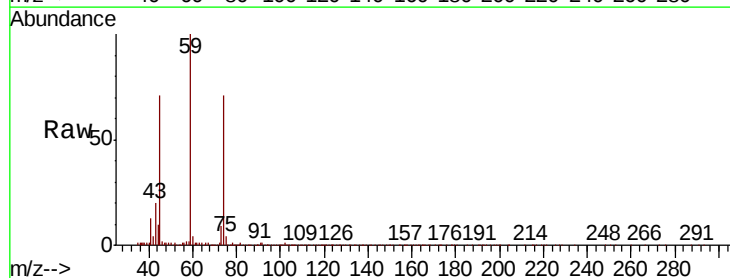
Tot Ion:101 Resp: 79049
 Ion Ratio Lower Upper
 101 100
 103 65.2 50.4 75.6

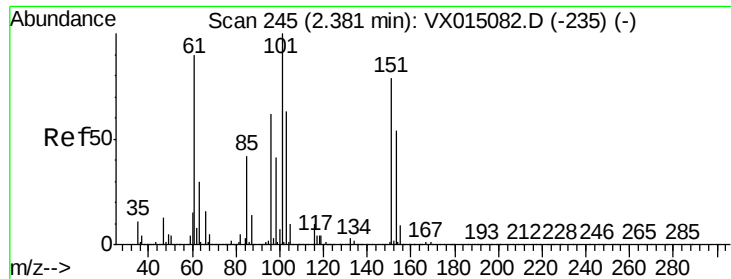


#8

Diethyl Ether
 Concen: 17.591 ug/l
 RT: 2.18 min Scan# 212
 Delta R.T. -0.00 min
 Lab File: VX015246.D
 Acq: 13 Mar 2020 10:03

Tgt Ion: 74 Resp: 35780
 Ion Ratio Lower Upper
 74 100
 45 97.5 49.2 147.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.041 ug/l

RT: 2.38 min Scan# 245

Delta R.T. -0.00 min

Lab File: VX015246.D

Acq: 13 Mar 2020 10:03

Instrument :

MSVOA_X

ClientSampleId :

VX0313WBS01

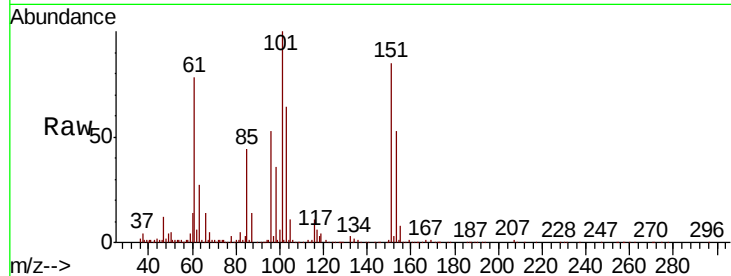
Tot Ion:101 Resp: 50974

Ion Ratio Lower Upper

101 100

85 42.6 33.7 50.5

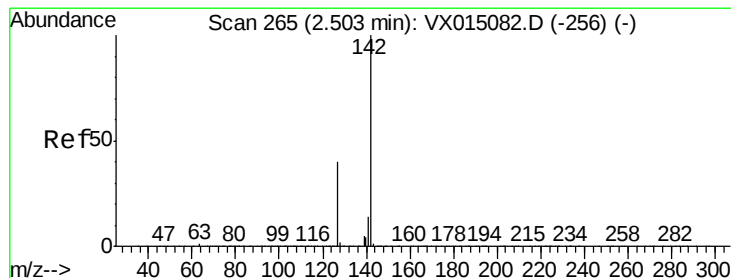
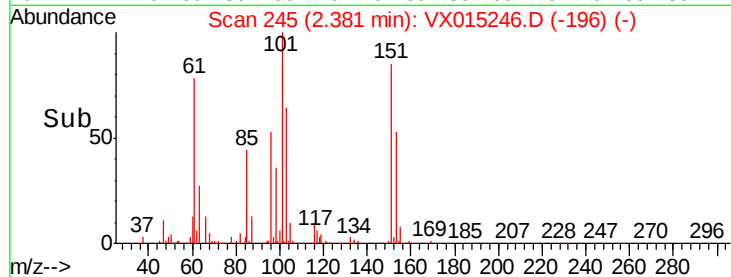
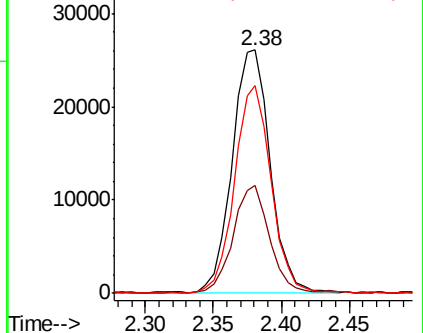
151 82.1 64.0 96.0



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: 14.095 ug/l

RT: 2.50 min Scan# 265

Delta R.T. -0.00 min

Lab File: VX015246.D

Acq: 13 Mar 2020 10:03

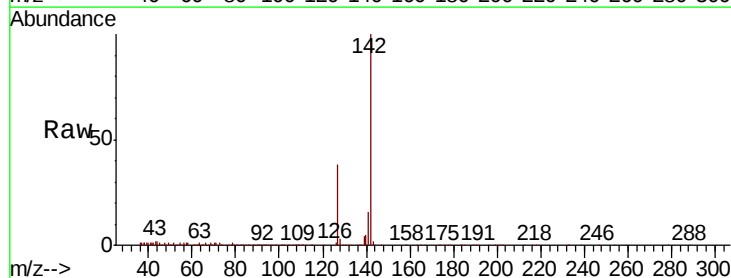
Tgt Ion:142 Resp: 44994

Ion Ratio Lower Upper

142 100

127 39.4 31.7 47.5

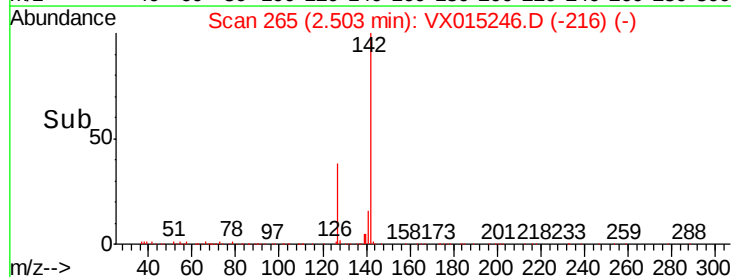
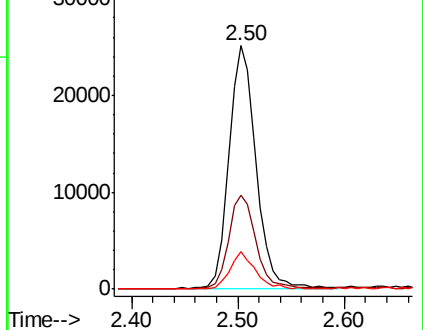
141 14.5 11.3 16.9

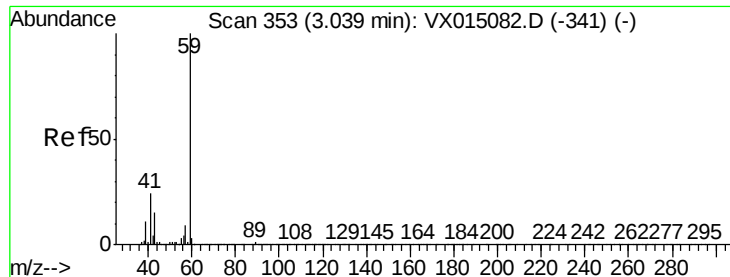


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

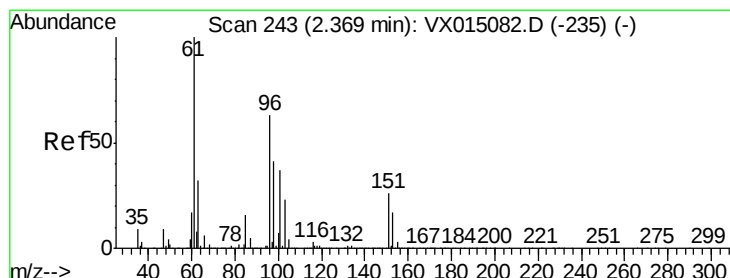
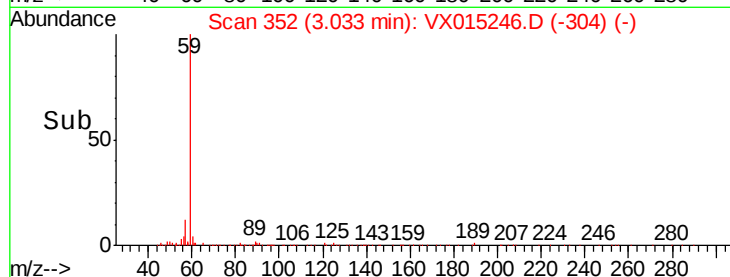
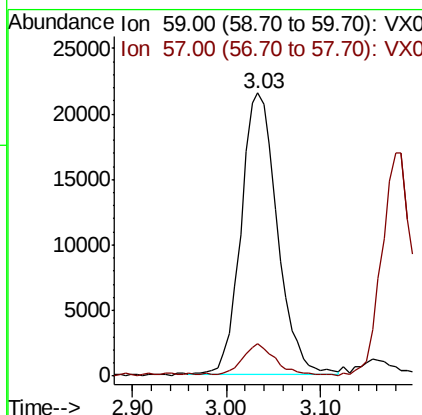
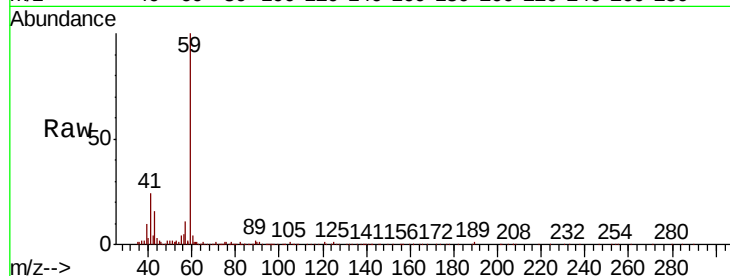




#11
Tert butyl alcohol
Concen: 93.005 ug/l
RT: 3.03 min Scan# 352
Delta R.T. -0.01 min
Lab File: VX015246.D
Acq: 13 Mar 2020 10:03

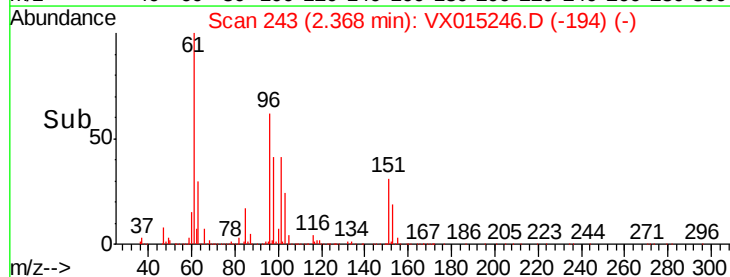
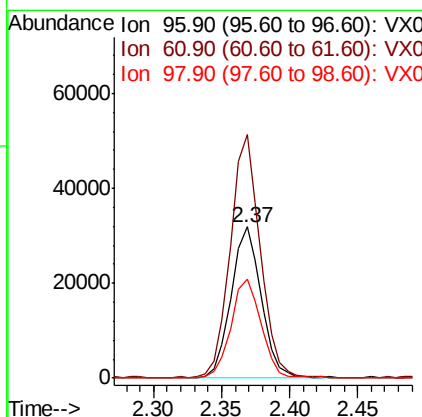
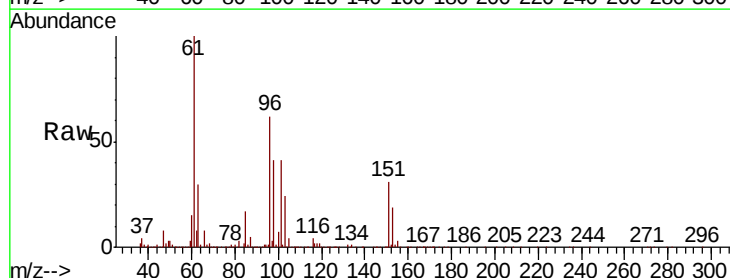
Instrument :
MSVOA_X
ClientSampleId :
VX0313WBS01

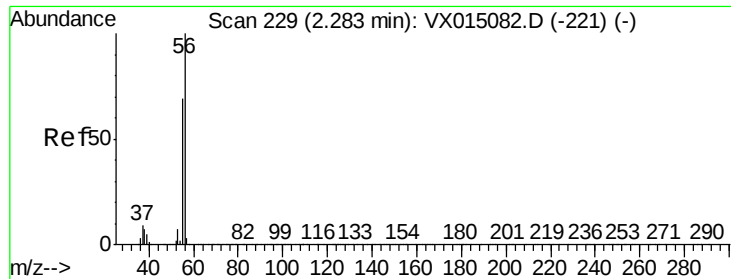
Tot Ion: 59 Resp: 57444
Ion Ratio Lower Upper
59 100
57 11.1 8.2 12.4



#12
1,1-Dichloroethene
Concen: 16.917 ug/l
RT: 2.37 min Scan# 243
Delta R.T. -0.00 min
Lab File: VX015246.D
Acq: 13 Mar 2020 10:03

Tgt Ion: 96 Resp: 49331
Ion Ratio Lower Upper
96 100
61 160.9 126.2 189.4
98 65.5 51.4 77.0





#13

Acrolein

Concen: 84.783 ug/l

RT: 2.28 min Scan# 229

Delta R.T. -0.00 min

Lab File: VX015246.D

Acq: 13 Mar 2020 10:03

Instrument :

MSVOA_X

ClientSampleId :

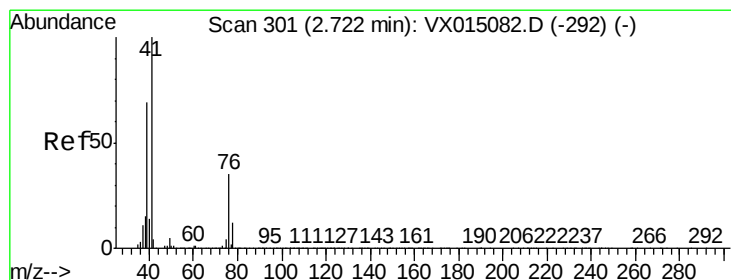
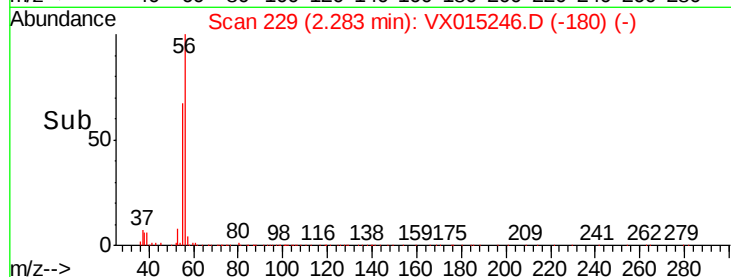
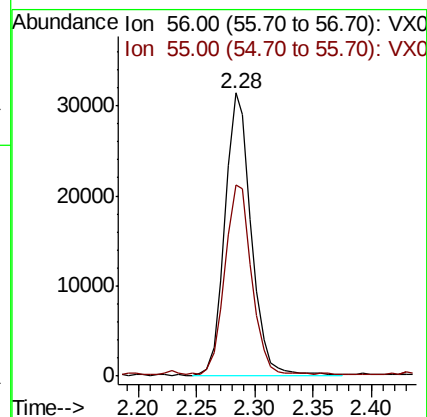
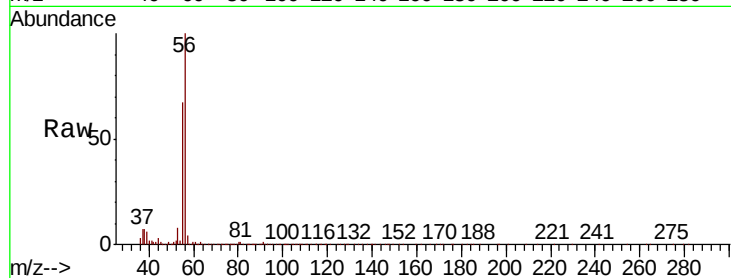
VX0313WBS01

Tot Ion: 56 Resp: 49211

Ion Ratio Lower Upper

56 100

55 67.2 55.4 83.0



#14

Allyl chloride

Concen: 18.496 ug/l

RT: 2.72 min Scan# 301

Delta R.T. -0.00 min

Lab File: VX015246.D

Acq: 13 Mar 2020 10:03

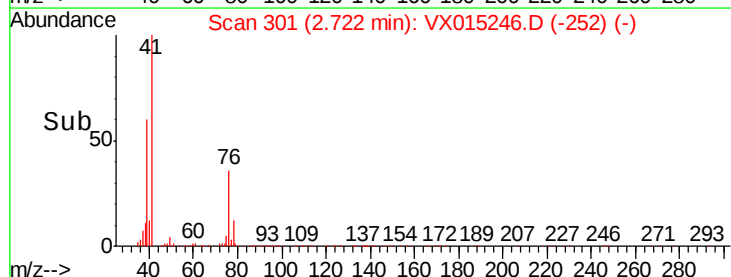
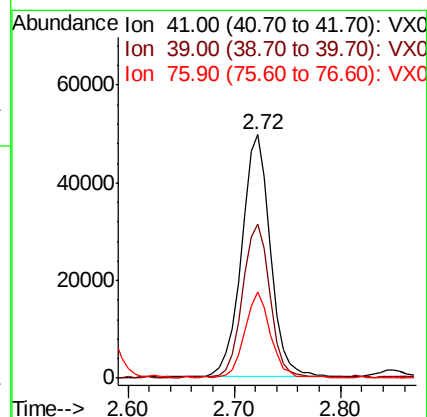
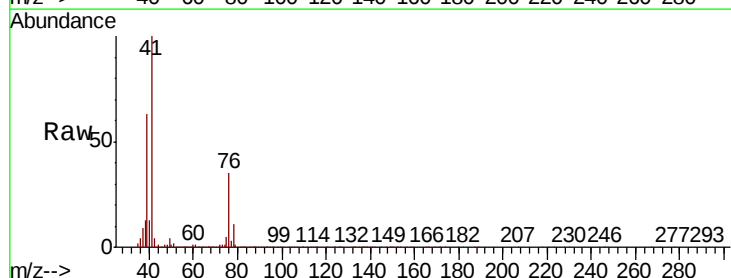
Tgt Ion: 41 Resp: 94041

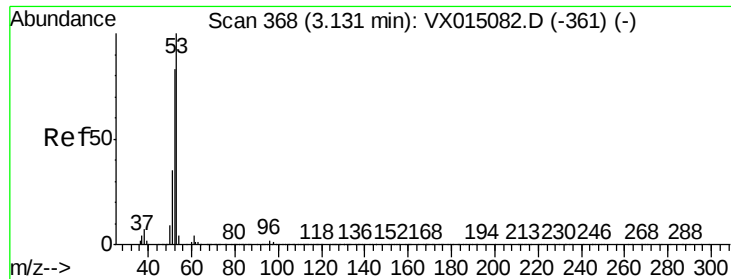
Ion Ratio Lower Upper

41 100

39 60.2 52.9 79.3

76 31.7 26.8 40.2





#15

Acrylonitrile

Concen: 96.518 ug/l

RT: 3.13 min Scan# 368

Delta R.T. -0.00 min

Lab File: VX015246.D

Acq: 13 Mar 2020 10:03

Instrument :

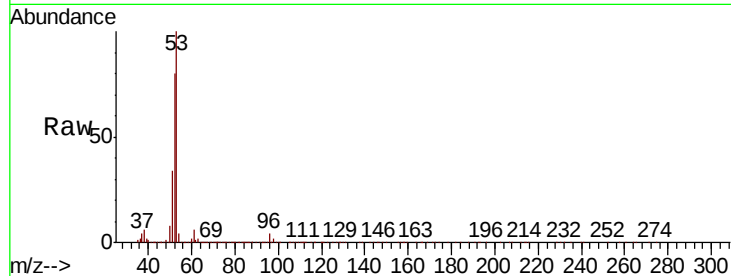
MSVOA_X

ClientSampleId :

VX0313WBS01

Tot Ion: 53 Resp: 148462

Ion	Ratio	Lower	Upper
53	100		
52	83.3	66.6	100.0
51	35.2	29.0	43.6

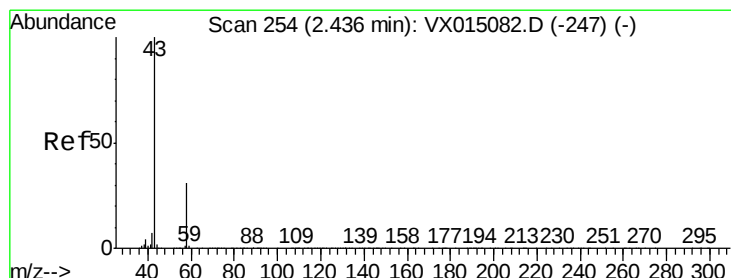
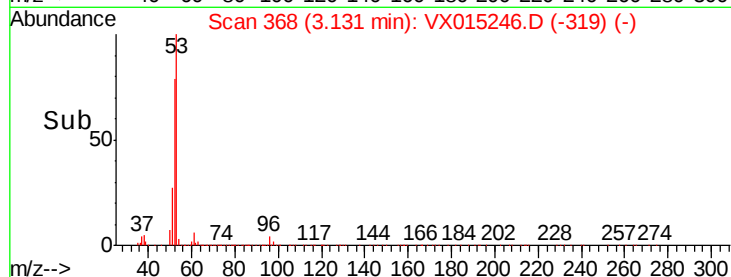
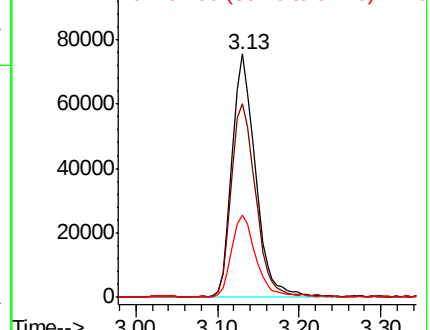


Abundance

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: 93.673 ug/l

RT: 2.44 min Scan# 254

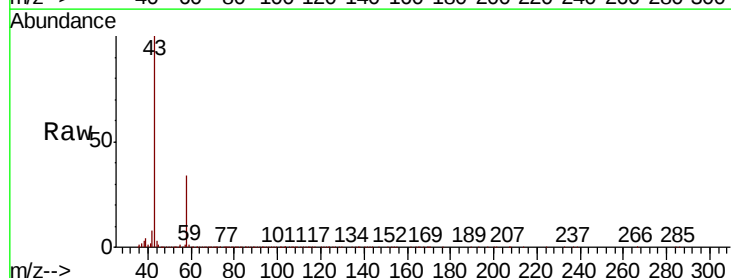
Delta R.T. -0.00 min

Lab File: VX015246.D

Acq: 13 Mar 2020 10:03

Tgt Ion: 43 Resp: 135048

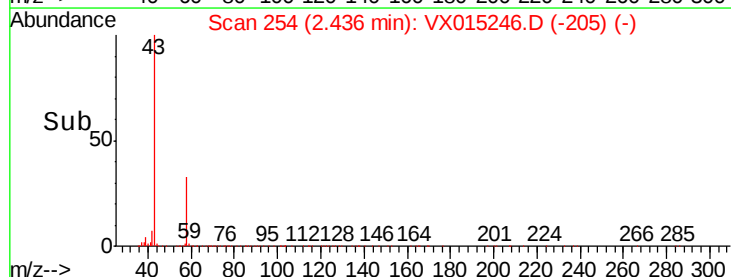
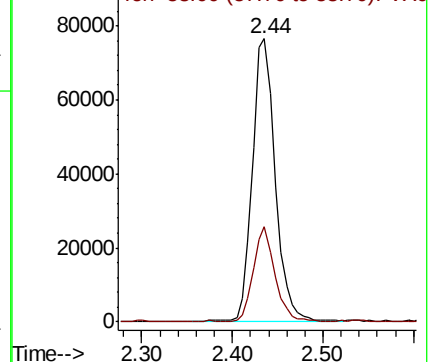
Ion	Ratio	Lower	Upper
43	100		
58	33.5	24.8	37.2

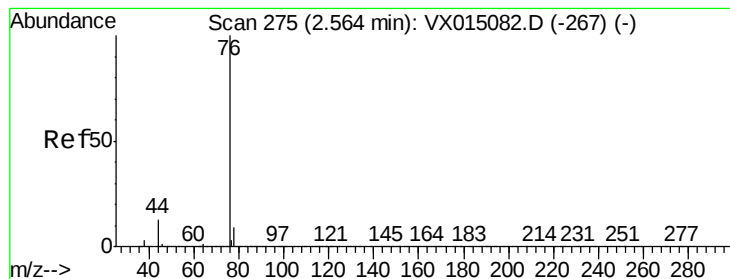


Abundance

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 15.984 ug/l

RT: 2.56 min Scan# 275

Delta R.T. -0.00 min

Lab File: VX015246.D

Acq: 13 Mar 2020 10:03

Instrument :

MSVOA_X

ClientSampleId :

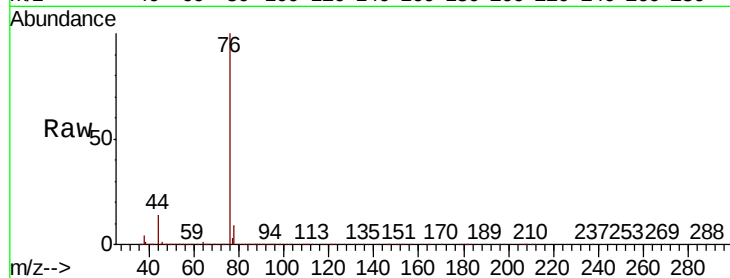
VX0313WBS01

Tot Ion: 76 Resp: 129438

Ion Ratio Lower Upper

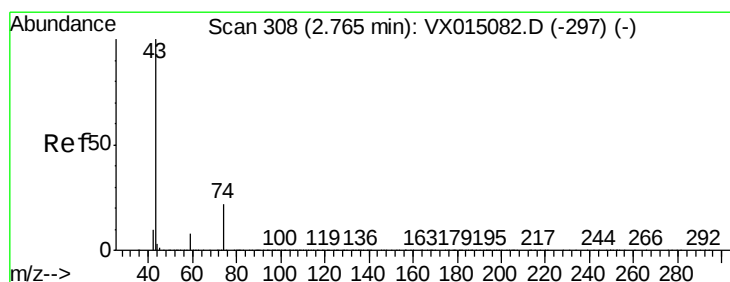
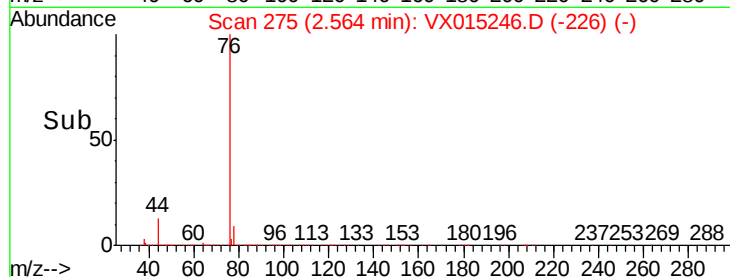
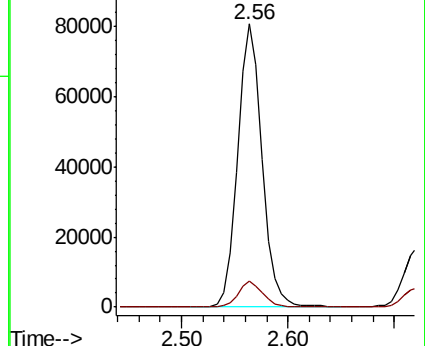
76 100

78 9.2 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: 18.951 ug/l

RT: 2.76 min Scan# 308

Delta R.T. -0.00 min

Lab File: VX015246.D

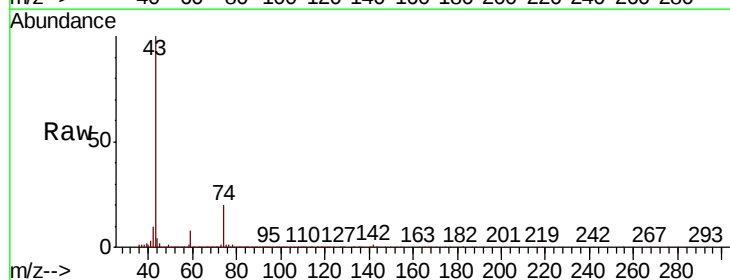
Acq: 13 Mar 2020 10:03

Tgt Ion: 43 Resp: 66806

Ion Ratio Lower Upper

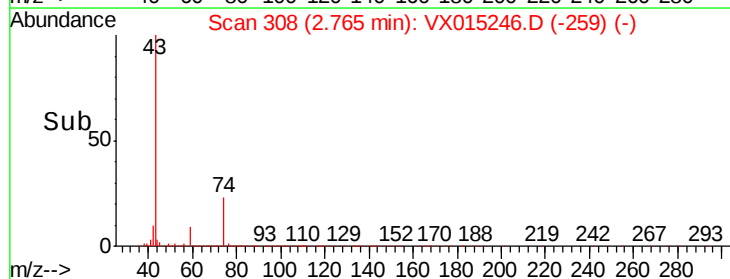
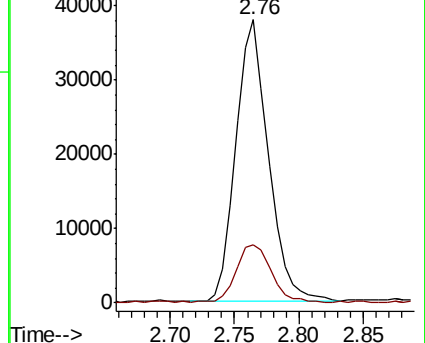
43 100

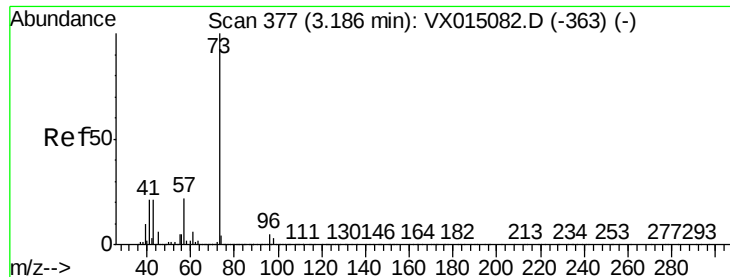
74 22.3 18.8 28.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0



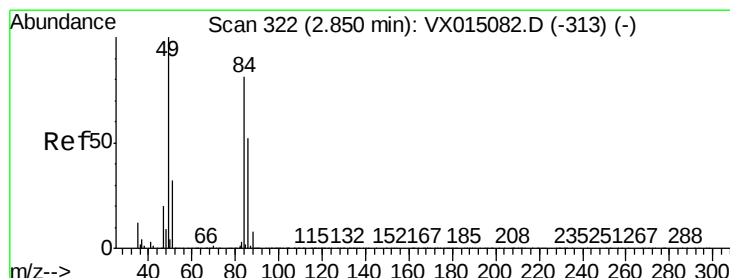
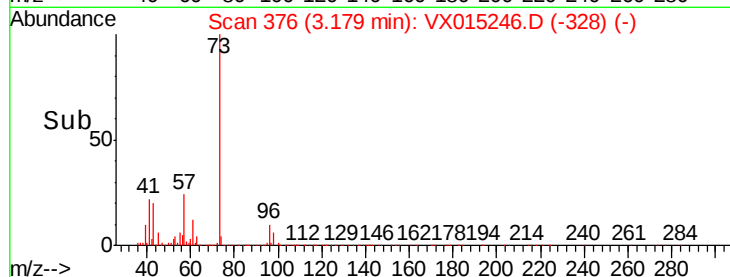
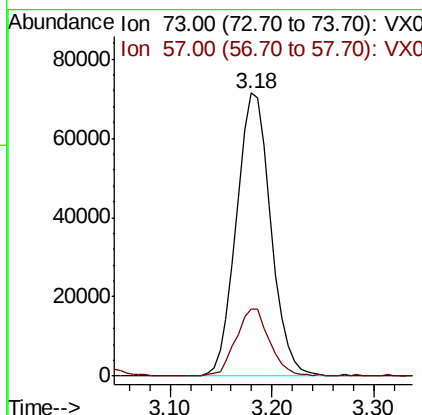
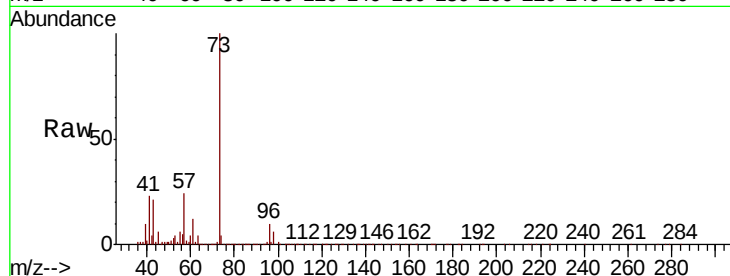


#19

Methyl tert-butyl Ether
 Concen: 18.395 ug/l
 RT: 3.18 min Scan# 376
 Delta R.T. -0.01 min
 Lab File: VX015246.D
 Acq: 13 Mar 2020 10:03

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0313WBS01

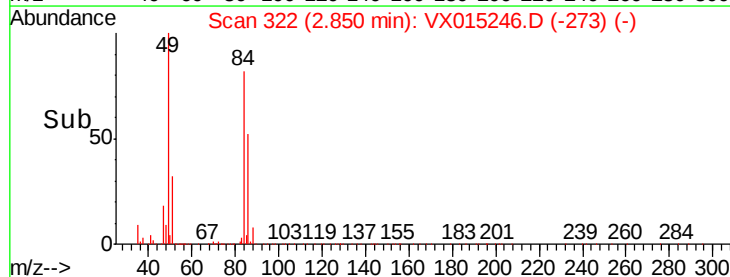
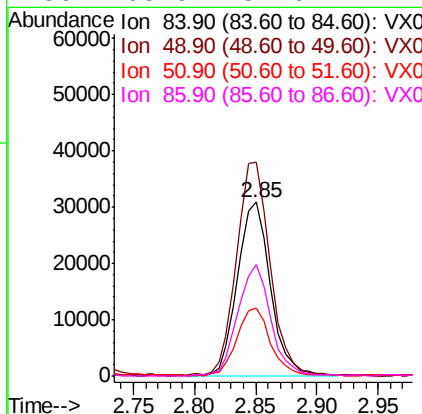
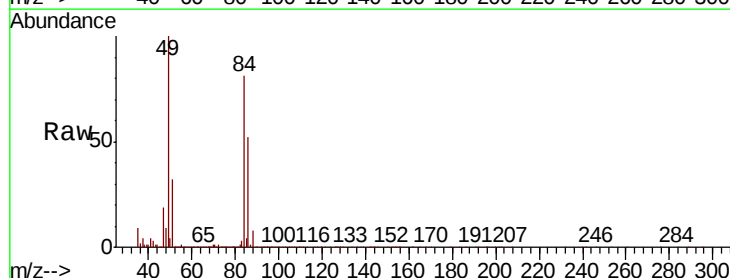
Tot Ion: 73 Resp: 167620
 Ion Ratio Lower Upper
 73 100
 57 23.8 17.8 26.6

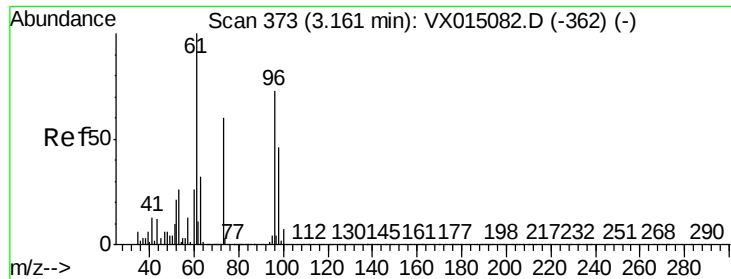


#20

Methylene Chloride
 Concen: 17.204 ug/l
 RT: 2.85 min Scan# 322
 Delta R.T. -0.00 min
 Lab File: VX015246.D
 Acq: 13 Mar 2020 10:03

Tgt Ion: 84 Resp: 58046
 Ion Ratio Lower Upper
 84 100
 49 122.4 99.4 149.2
 51 39.1 31.5 47.3
 86 63.9 51.6 77.4





#21

trans-1,2-Dichloroethene

Concen: 17.677 ug/l

RT: 3.15 min Scan# 372

Delta R.T. -0.01 min

Lab File: VX015246.D

Acq: 13 Mar 2020 10:03

Instrument :

MSVOA_X

ClientSampleId :

VX0313WBS01

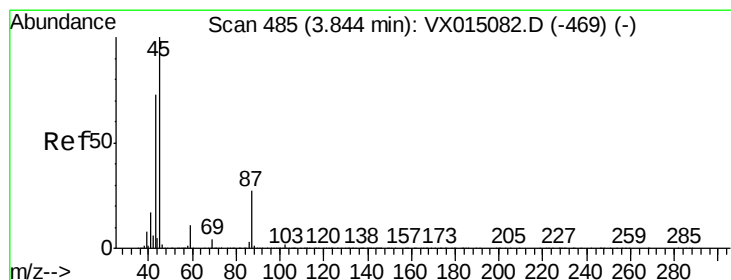
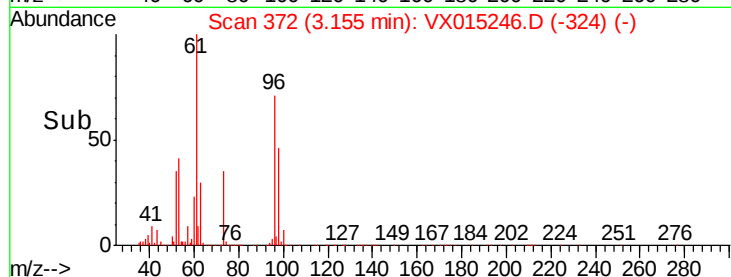
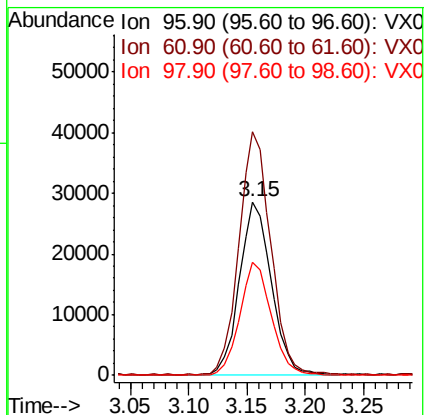
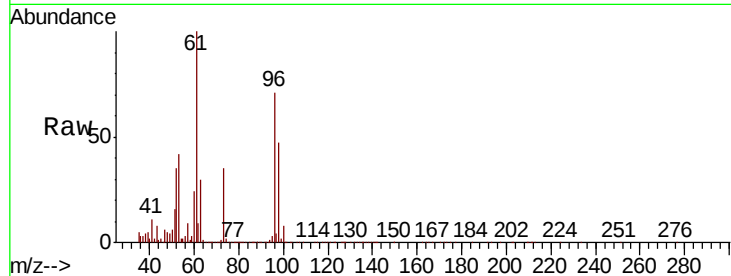
Tot Ion: 96 Resp: 55040

Ion Ratio Lower Upper

96 100

61 139.3 109.9 164.9

98 65.2 50.2 75.2



#22

Diisopropyl ether

Concen: 19.806 ug/l

RT: 3.84 min Scan# 485

Delta R.T. -0.00 min

Lab File: VX015246.D

Acq: 13 Mar 2020 10:03

Tgt Ion: 45 Resp: 200633

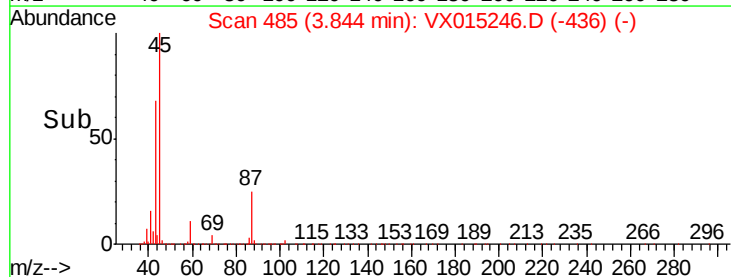
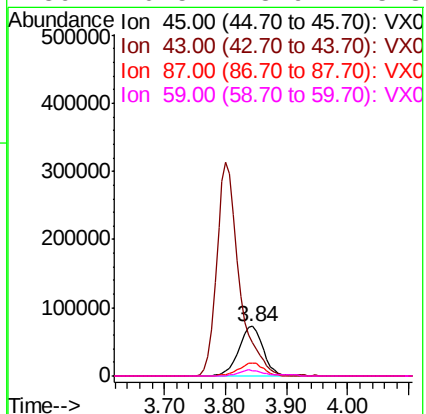
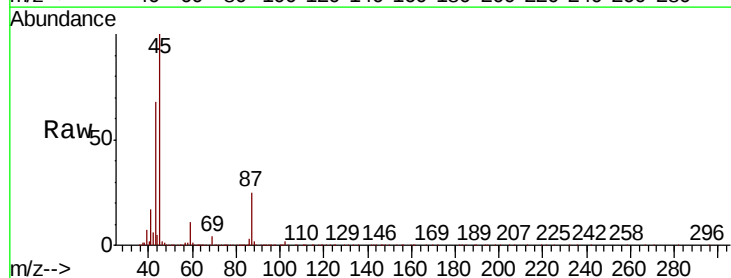
Ion Ratio Lower Upper

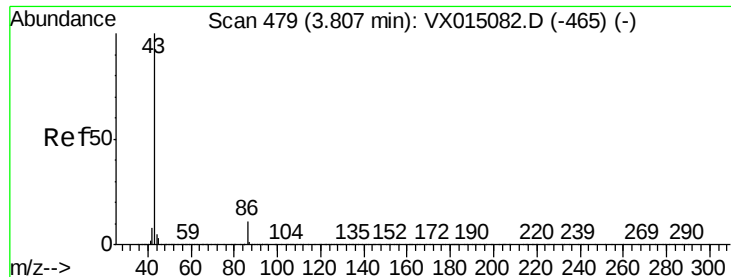
45 100

43 68.1 58.2 87.2

87 25.2 21.2 31.8

59 10.5 8.9 13.3





#23

Vinyl Acetate

Concen: 96.940 ug/l

RT: 3.80 min Scan# 478

Delta R.T. -0.01 min

Lab File: VX015246.D

Acq: 13 Mar 2020 10:03

Instrument :

MSVOA_X

ClientSampleId :

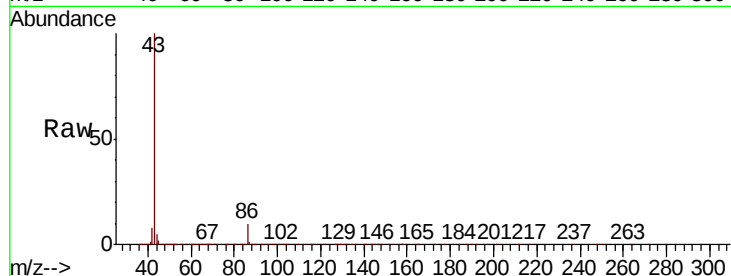
VX0313WBS01

Tot Ion: 43 Resp: 807212

Ion Ratio Lower Upper

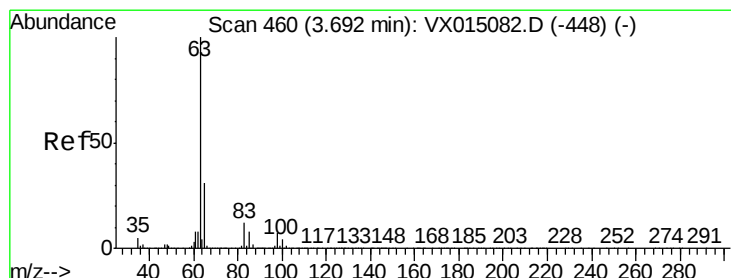
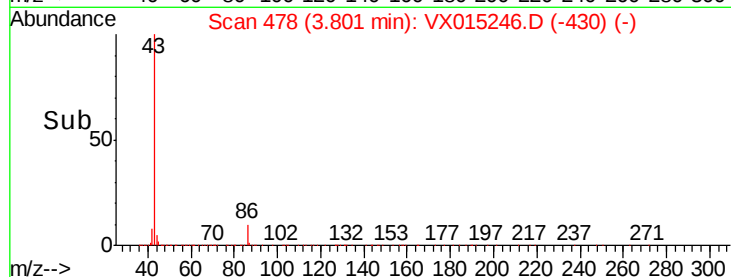
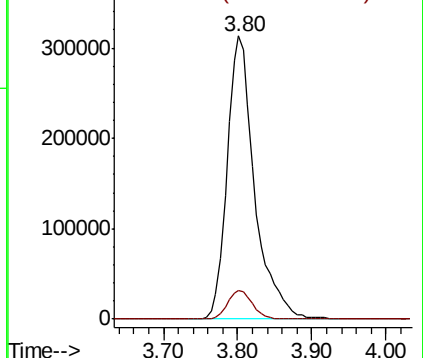
43 100

86 10.2 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: 18.465 ug/l

RT: 3.69 min Scan# 459

Delta R.T. -0.01 min

Lab File: VX015246.D

Acq: 13 Mar 2020 10:03

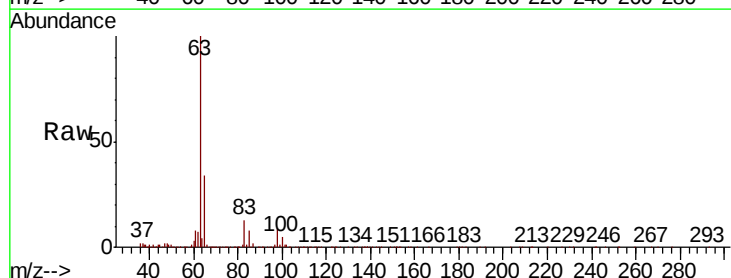
Tgt Ion: 63 Resp: 103811

Ion Ratio Lower Upper

63 100

98 8.7 3.7 11.1

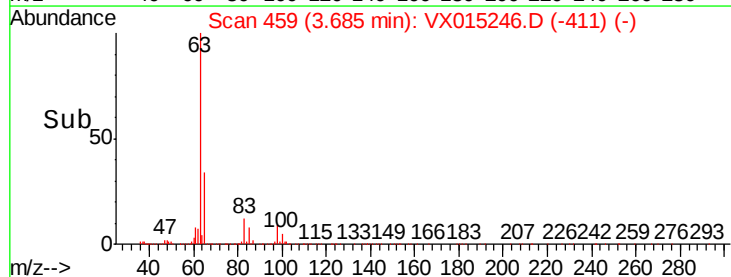
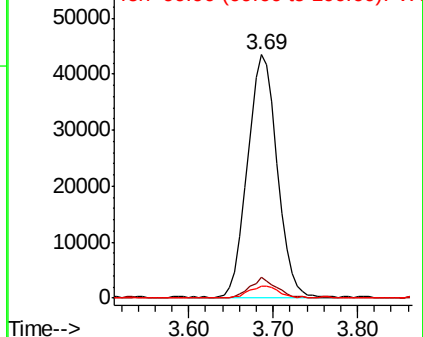
100 4.5 2.1 6.5

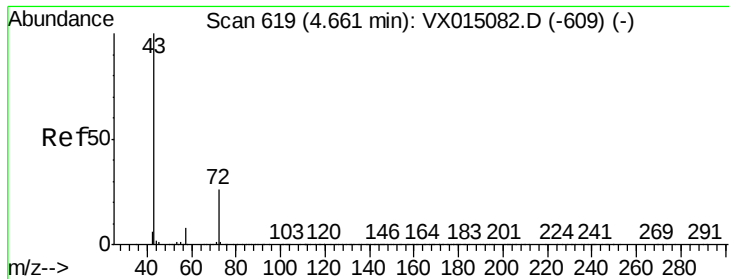


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 99.213 ug/l

RT: 4.65 min Scan# 618

Delta R.T. -0.01 min

Lab File: VX015246.D

Acq: 13 Mar 2020 10:03

Instrument :

MSVOA_X

ClientSampleId :

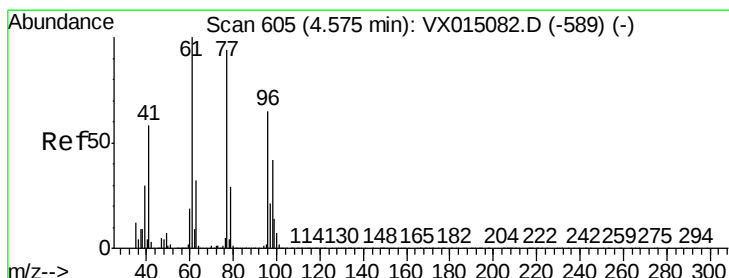
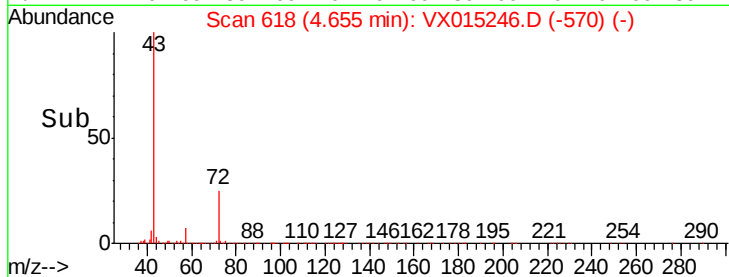
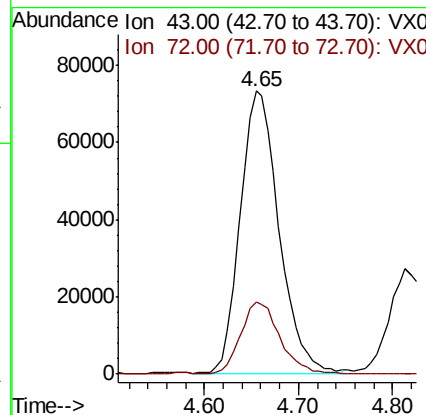
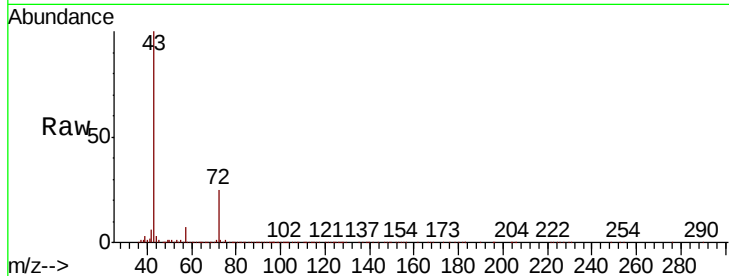
VX0313WBS01

Tot Ion: 43 Resp: 209403

Ion Ratio Lower Upper

43 100

72 25.1 20.6 30.8



#26

2,2-Dichloropropane

Concen: 18.240 ug/l

RT: 4.57 min Scan# 604

Delta R.T. -0.01 min

Lab File: VX015246.D

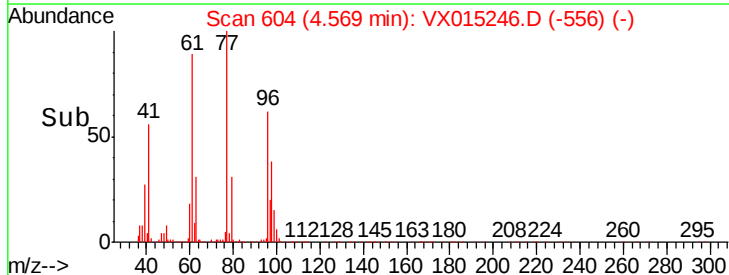
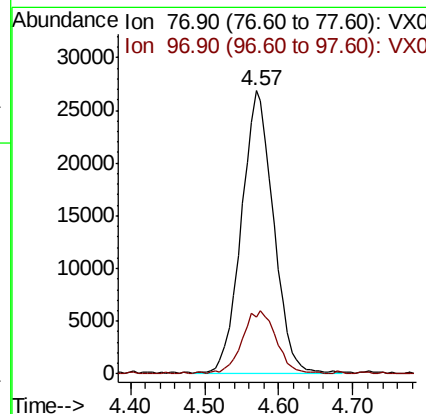
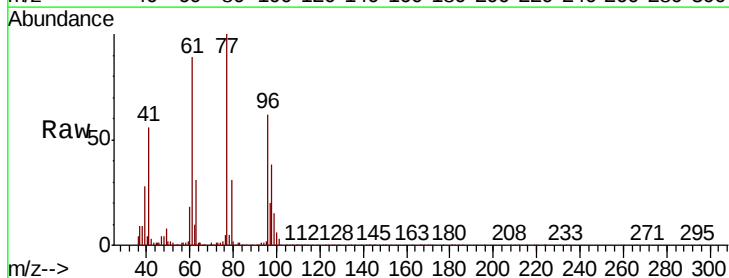
Acq: 13 Mar 2020 10:03

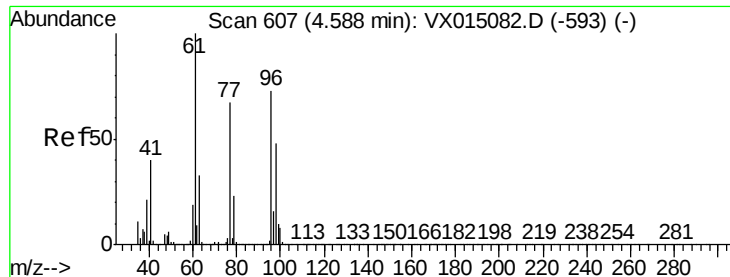
Tgt Ion: 77 Resp: 81408

Ion Ratio Lower Upper

77 100

97 23.6 11.8 35.4



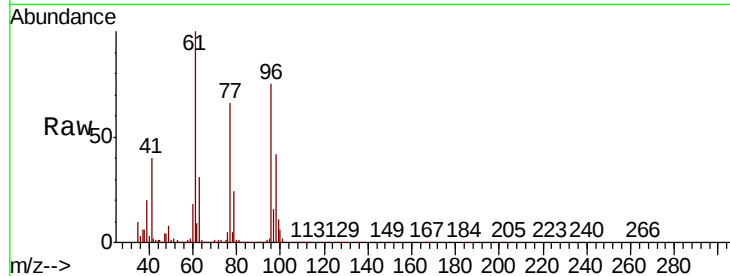


#27

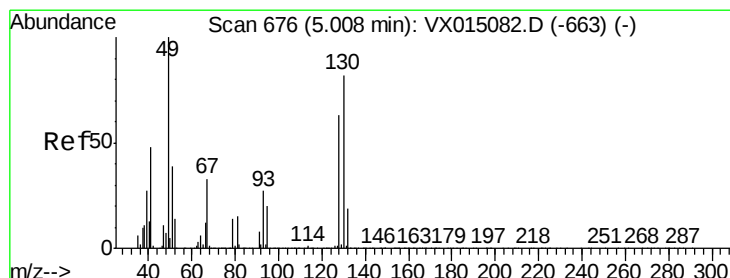
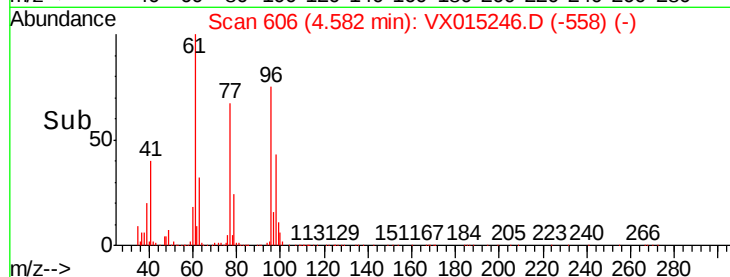
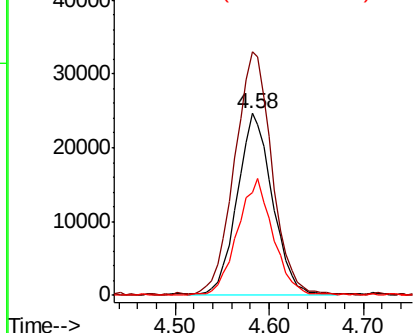
cis-1,2-Dichloroethene
Concen: 18.323 ug/l
RT: 4.58 min Scan# 606
Delta R.T. -0.01 min
Lab File: VX015246.D
Acq: 13 Mar 2020 10:03

Instrument :
MSVOA_X
ClientSampleId :
VX0313WBS01

Tot Ion: 96 Resp: 64003
Ion Ratio Lower Upper
96 100
61 142.2 0.0 286.8
98 65.8 0.0 128.4



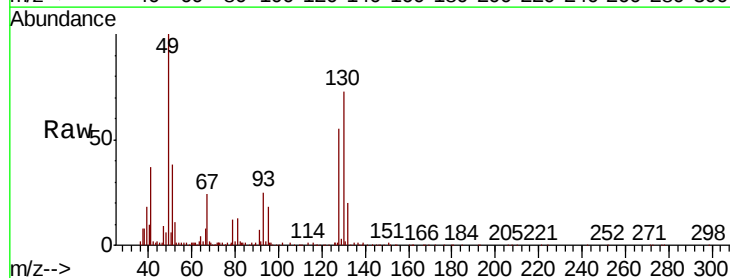
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



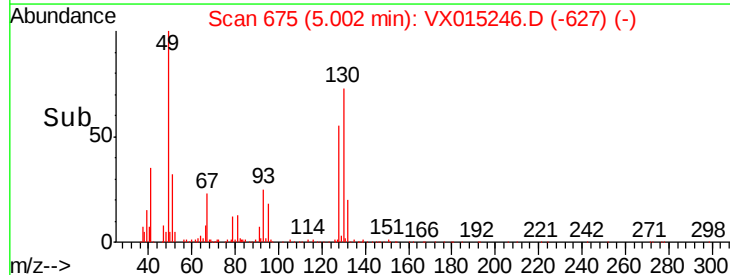
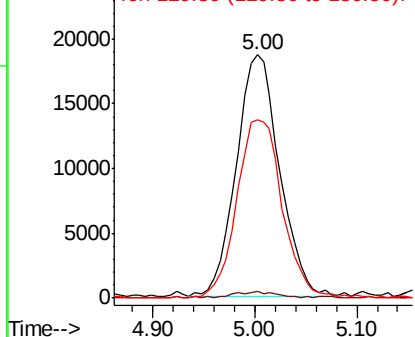
#28

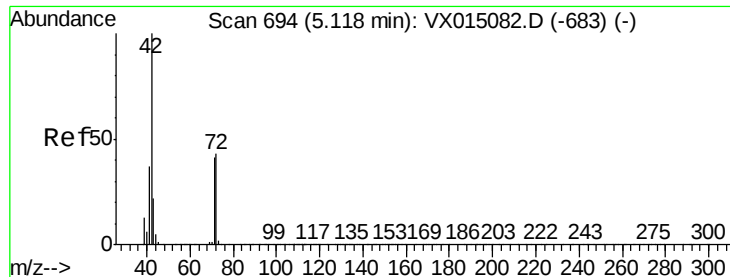
Bromochloromethane
Concen: 21.382 ug/l
RT: 5.00 min Scan# 675
Delta R.T. -0.01 min
Lab File: VX015246.D
Acq: 13 Mar 2020 10:03

Tgt Ion: 49 Resp: 54741
Ion Ratio Lower Upper
49 100
129 2.5 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: 97.291 ug/l

RT: 5.12 min Scan# 694

Delta R.T. -0.00 min

Lab File: VX015246.D

Acq: 13 Mar 2020 10:03

Instrument :

MSVOA_X

ClientSampleId :

VX0313WBS01

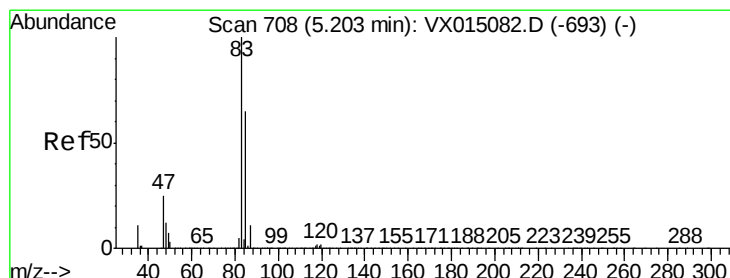
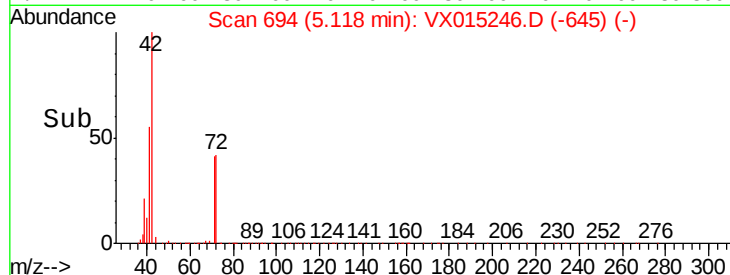
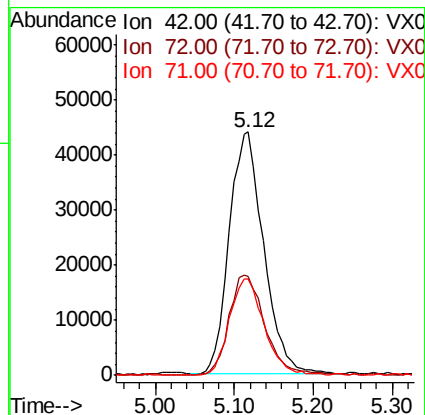
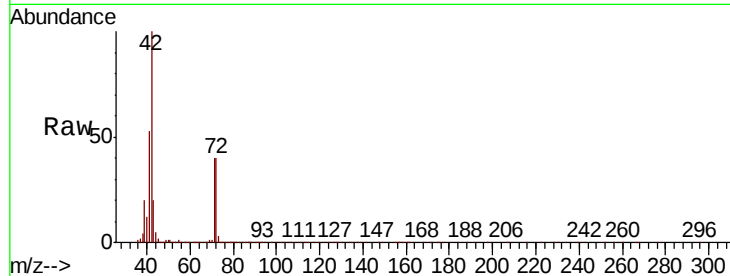
Tot Ion: 42 Resp: 132368

Ion Ratio Lower Upper

42 100

72 42.8 36.4 54.6

71 41.0 33.3 49.9



#30

Chloroform

Concen: 18.396 ug/l

RT: 5.20 min Scan# 707

Delta R.T. -0.01 min

Lab File: VX015246.D

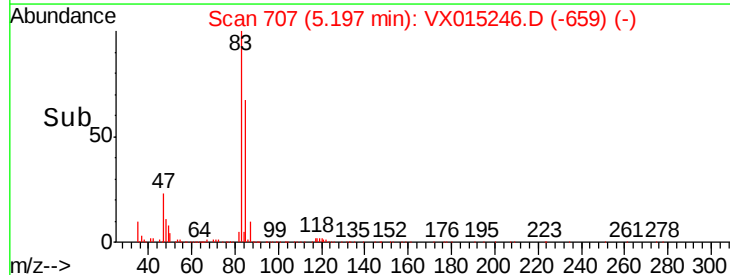
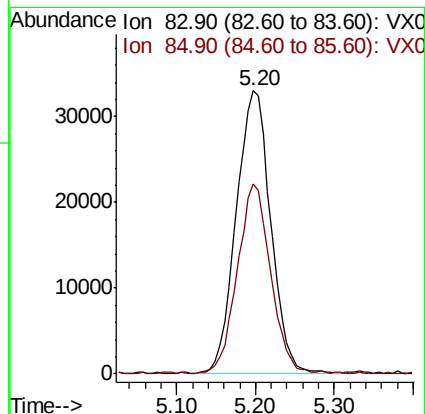
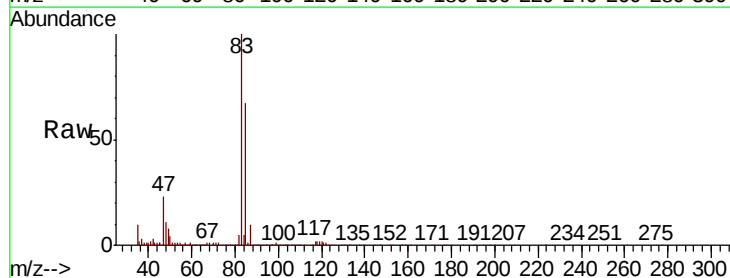
Acq: 13 Mar 2020 10:03

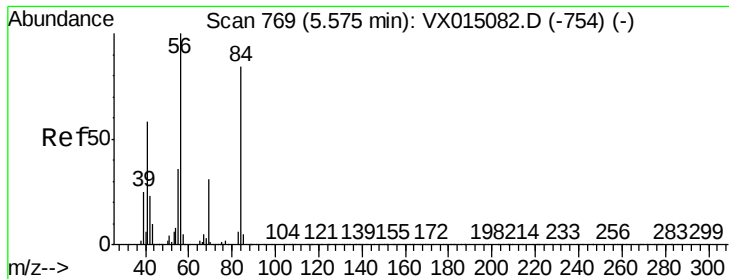
Tgt Ion: 83 Resp: 100806

Ion Ratio Lower Upper

83 100

85 67.1 52.0 78.0

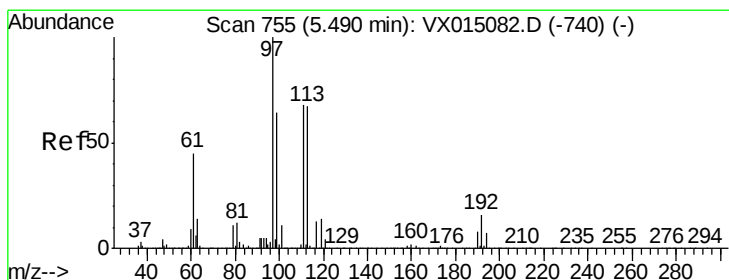
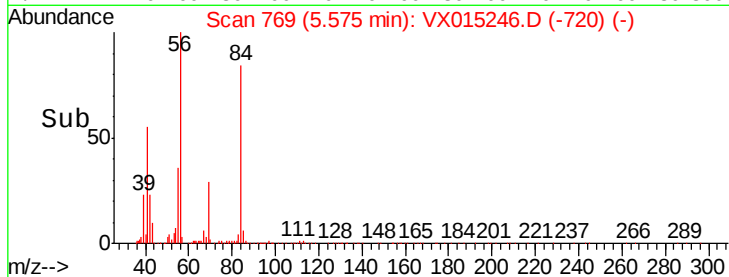
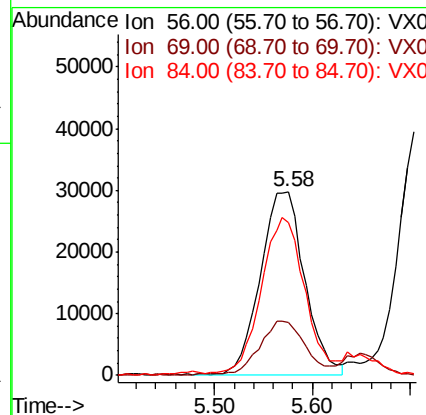
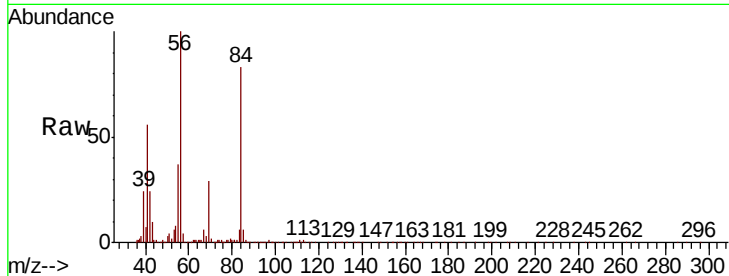




#31
Cyclohexane
Concen: 18.836 ug/l
RT: 5.58 min Scan# 769
Delta R.T. -0.00 min
Lab File: VX015246.D
Acq: 13 Mar 2020 10:03

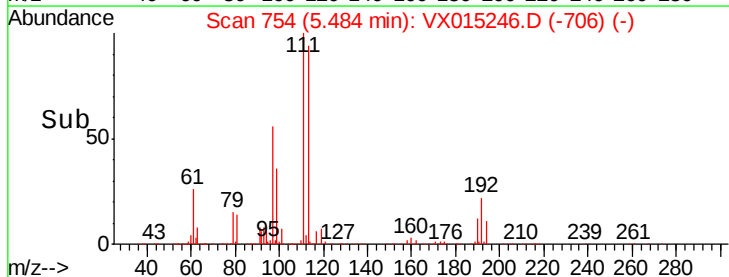
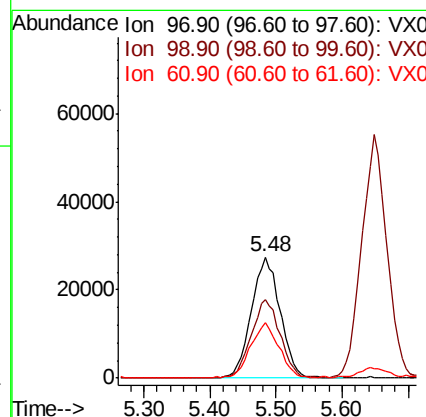
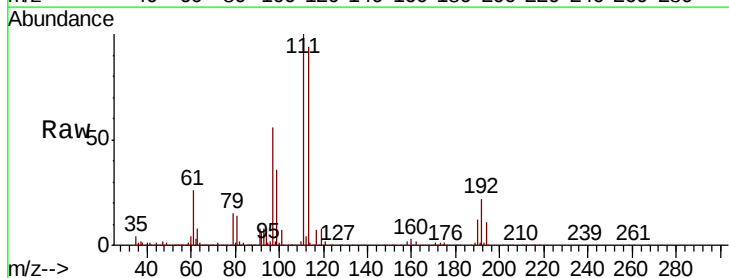
Instrument :
MSVOA_X
ClientSampleId :
VX0313WBS01

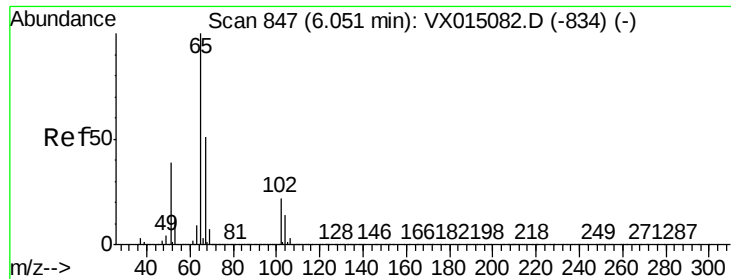
Tot Ion: 56 Resp: 94461
Ion Ratio Lower Upper
56 100
69 28.6 25.0 37.6
84 80.9 67.6 101.4



#32
1,1,1-Trichloroethane
Concen: 18.378 ug/l
RT: 5.48 min Scan# 754
Delta R.T. -0.01 min
Lab File: VX015246.D
Acq: 13 Mar 2020 10:03

Tgt Ion: 97 Resp: 83481
Ion Ratio Lower Upper
97 100
99 64.7 52.8 79.2
61 45.4 36.6 54.8

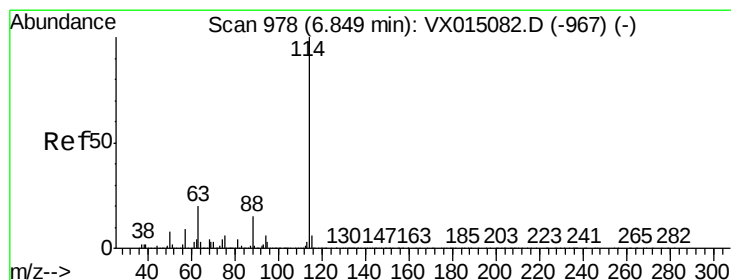
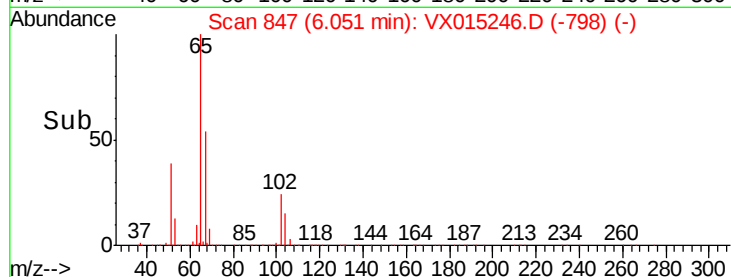
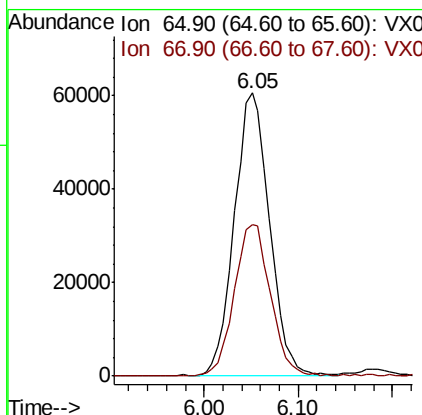
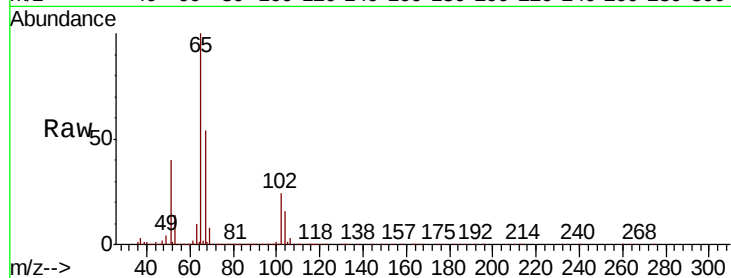




#33
 1,2-Dichloroethane-d4
 Concen: 44.061 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. -0.00 min
 Lab File: VX015246.D
 Acq: 13 Mar 2020 10:03

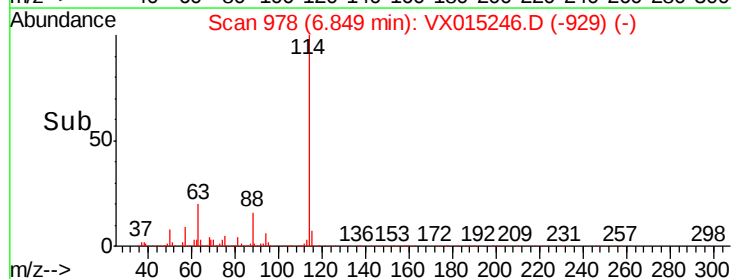
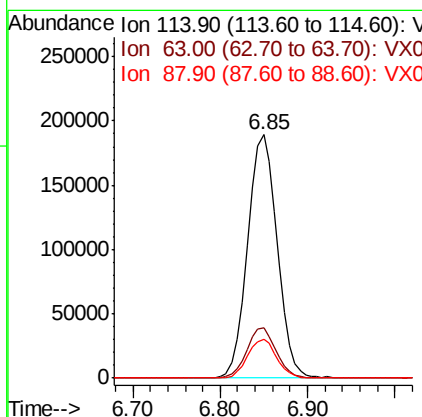
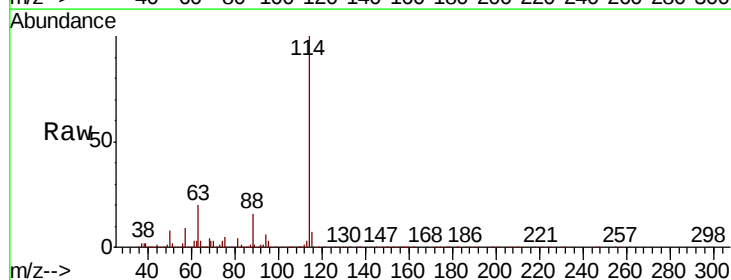
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0313WBS01

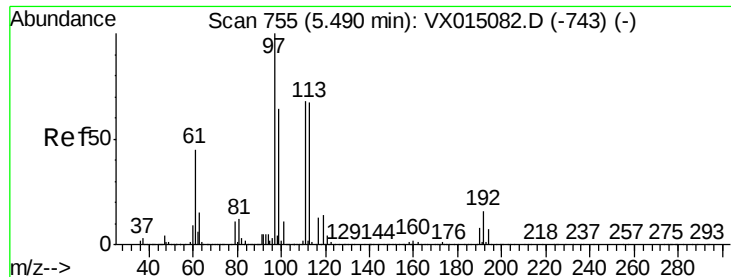
Tot Ion: 65 Resp: 156852
 Ion Ratio Lower Upper
 65 100
 67 54.8 0.0 105.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. -0.00 min
 Lab File: VX015246.D
 Acq: 13 Mar 2020 10:03

Tgt Ion: 114 Resp: 444356
 Ion Ratio Lower Upper
 114 100
 63 20.3 0.0 40.0
 88 15.8 0.0 30.6





#35

Dibromofluoromethane

Concen: 48.285 ug/l

RT: 5.48 min Scan# 754

Delta R.T. -0.01 min

Lab File: VX015246.D

Acq: 13 Mar 2020 10:03

Instrument :

MSVOA_X

ClientSampleId :

VX0313WBS01

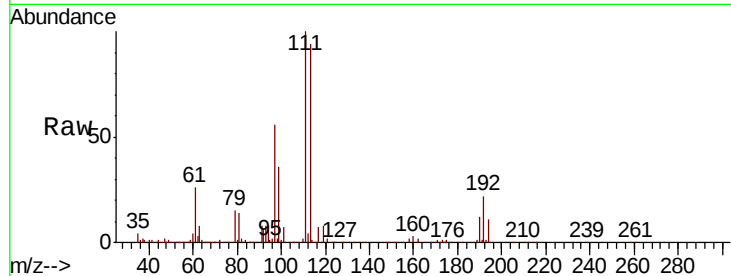
Tot Ion:113 Resp: 135358

Ion Ratio Lower Upper

113 100

111 103.3 82.6 123.8

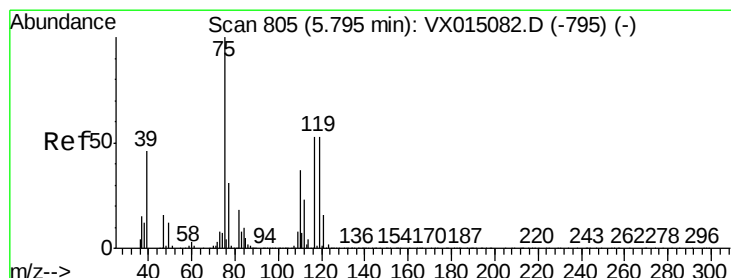
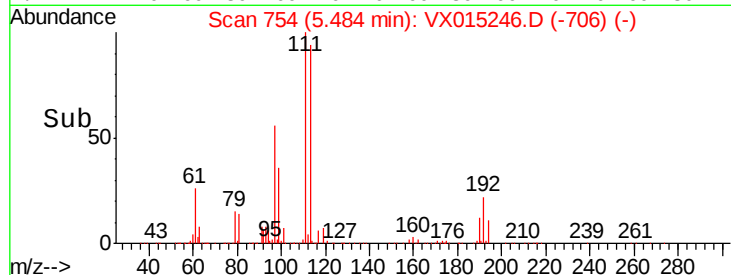
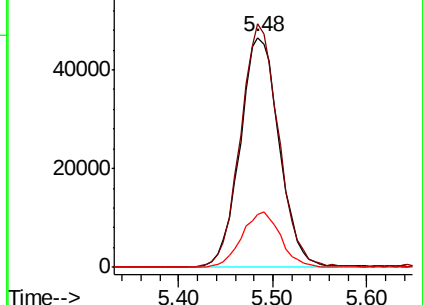
192 24.0 18.6 28.0



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: 18.114 ug/l

RT: 5.79 min Scan# 804

Delta R.T. -0.01 min

Lab File: VX015246.D

Acq: 13 Mar 2020 10:03

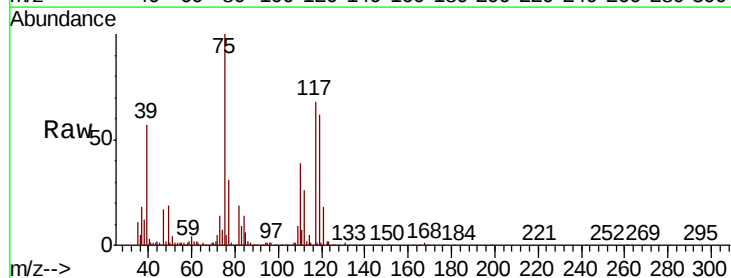
Tgt Ion: 75 Resp: 74411

Ion Ratio Lower Upper

75 100

110 37.2 17.9 53.8

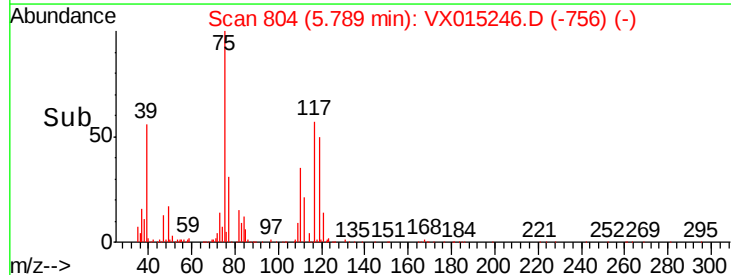
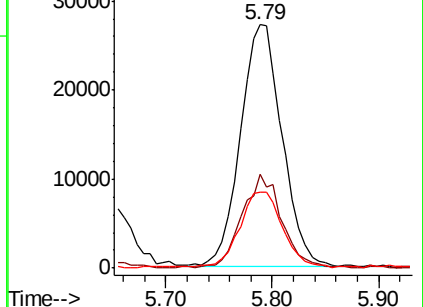
77 31.8 24.8 37.2



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

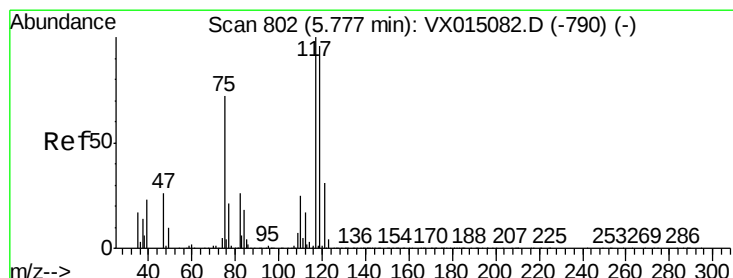
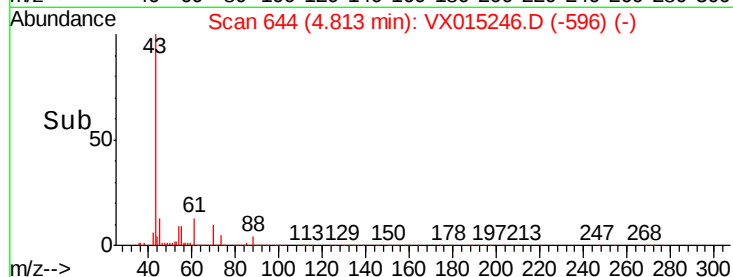
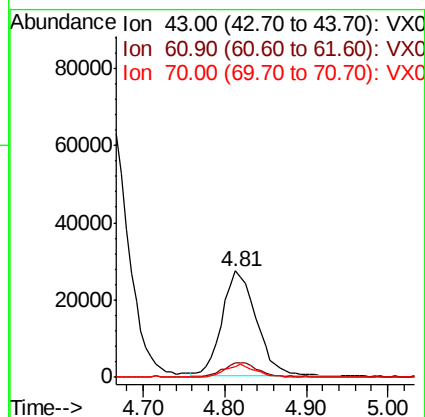
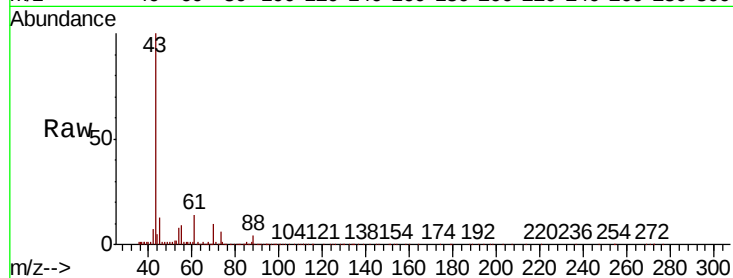




#37
Ethyl Acetate
Concen: 21.046 ug/l
RT: 4.81 min Scan# 644
Delta R.T. -0.01 min
Lab File: VX015246.D
Acq: 13 Mar 2020 10:03

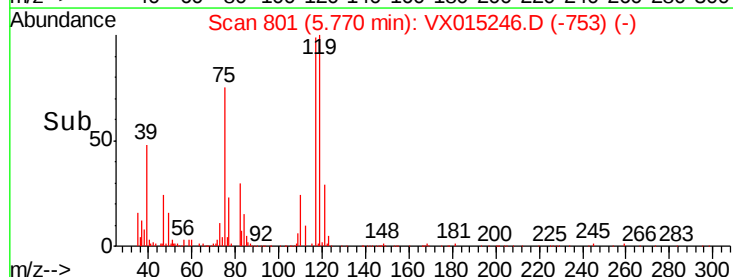
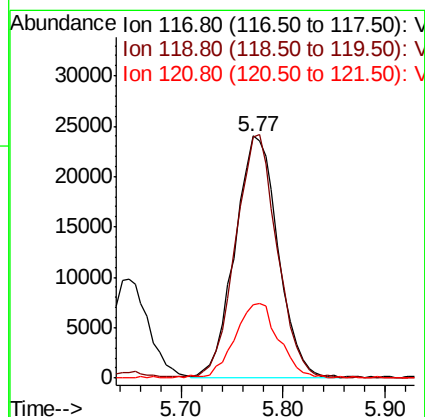
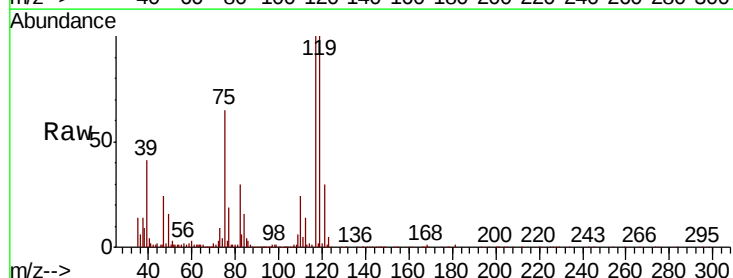
Instrument :
MSVOA_X
ClientSampleId :
VX0313WBS01

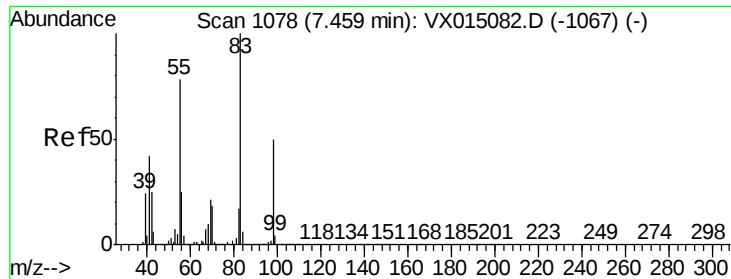
Tot Ion: 43 Resp: 80195
Ion Ratio Lower Upper
43 100
61 14.4 11.0 16.4
70 10.3 8.1 12.1



#38
Carbon Tetrachloride
Concen: 18.114 ug/l
RT: 5.77 min Scan# 801
Delta R.T. -0.01 min
Lab File: VX015246.D
Acq: 13 Mar 2020 10:03

Tgt Ion: 117 Resp: 70238
Ion Ratio Lower Upper
117 100
119 99.7 76.9 115.3
121 29.9 24.6 37.0

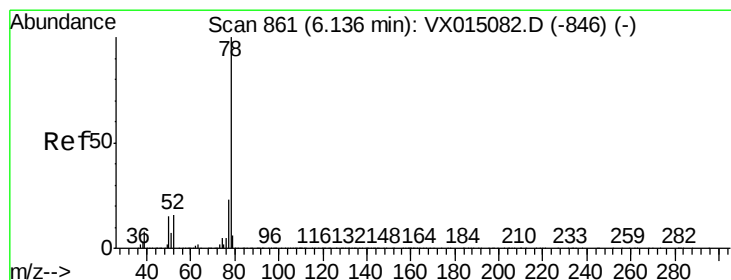
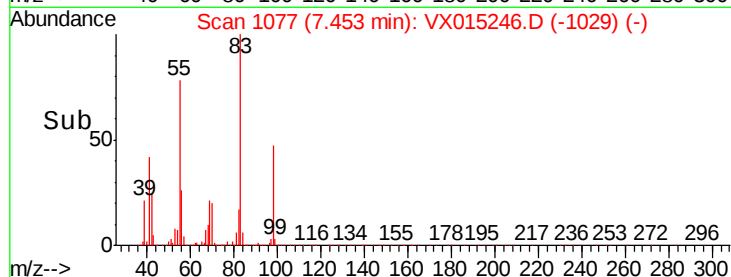
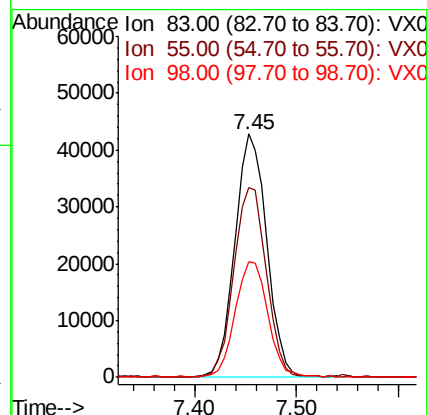
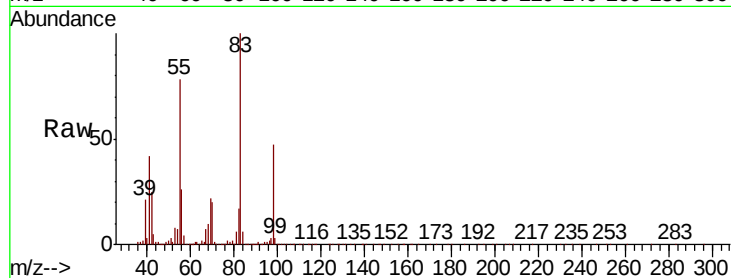




#39
Methvlcvclohexane
Concen: 19.356 ug/l
RT: 7.45 min Scan# 1077
Delta R.T. -0.01 min
Lab File: VX015246.D
Acq: 13 Mar 2020 10:03

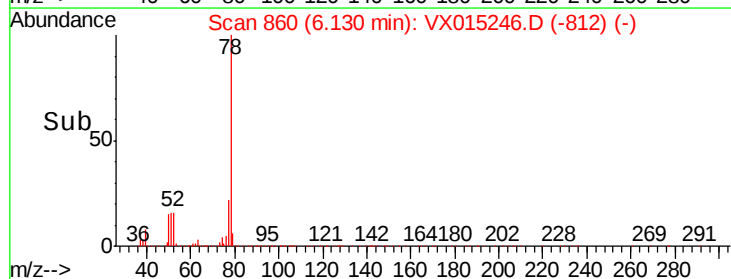
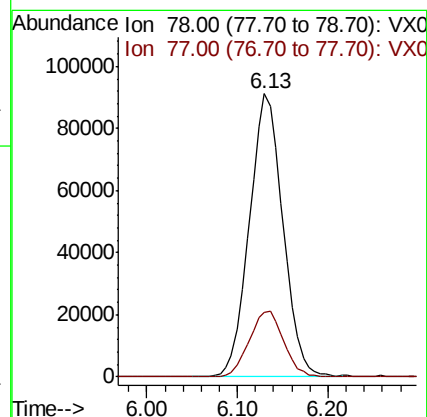
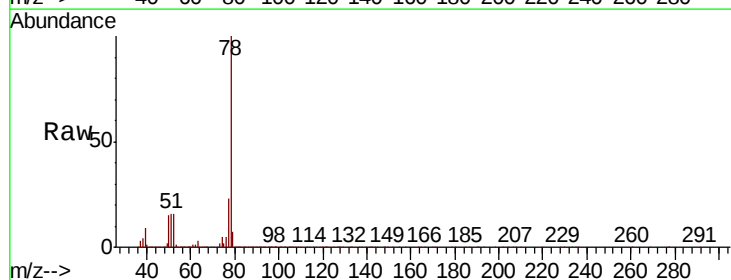
Instrument :
MSVOA_X
ClientSampleId :
VX0313WBS01

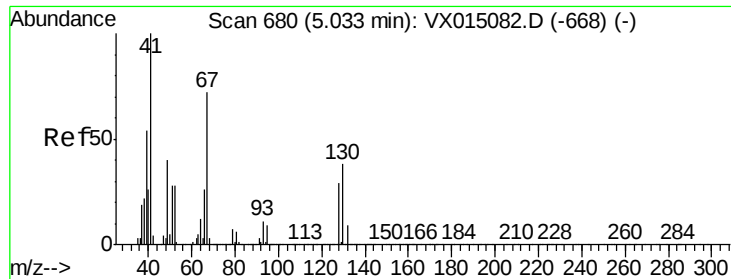
Tot Ion	Ratio	Lower	Upper
83	100		
55	77.8	62.4	93.6
98	47.4	39.7	59.5



#40
Benzene
Concen: 19.109 ug/l
RT: 6.13 min Scan# 860
Delta R.T. -0.01 min
Lab File: VX015246.D
Acq: 13 Mar 2020 10:03

Tgt Ion	Ratio	Lower	Upper
78	100		
77	22.6	18.6	28.0

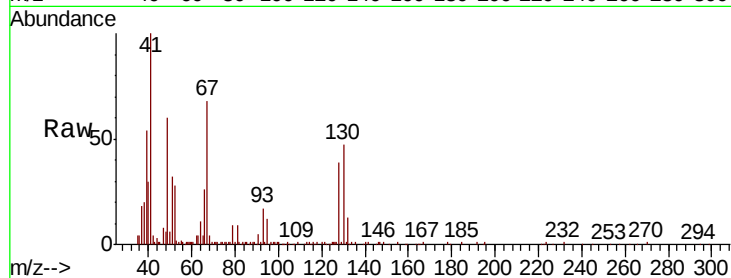




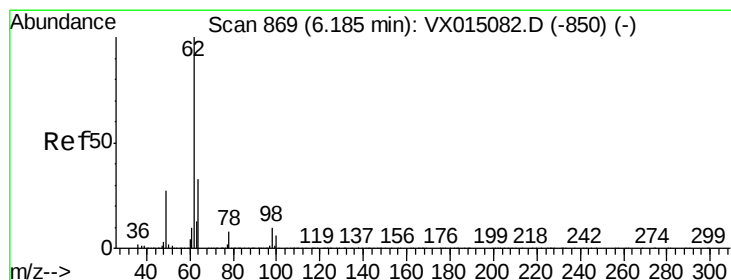
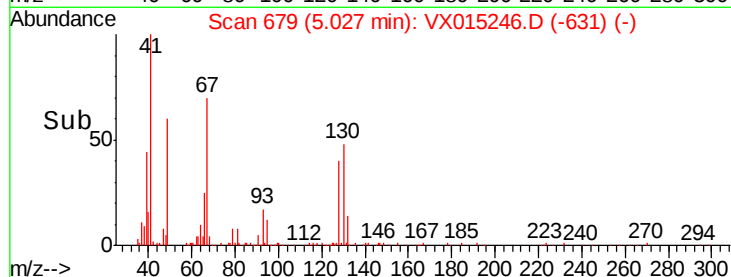
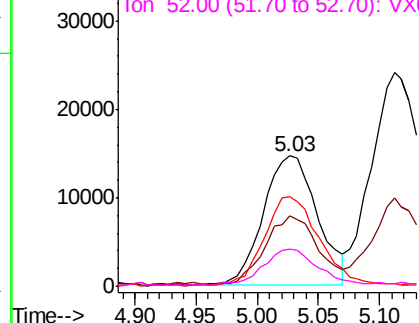
#41
Methacrylonitrile
Concen: 19.559 ug/l
RT: 5.03 min Scan# 679
Delta R.T. -0.01 min
Lab File: VX015246.D
Acq: 13 Mar 2020 10:03

Instrument :
MSVOA_X
ClientSampleId :
VX0313WBS01

Tot Ion:	41	Resp:	44766
Ion	Ratio	Lower	Upper
41	100		
39	52.1	43.9	65.9
67	70.0	57.8	86.8
52	27.3	22.6	34.0

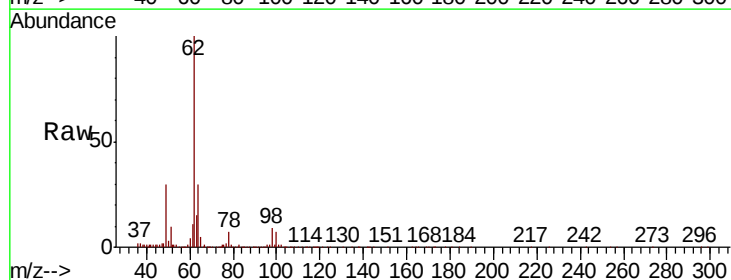


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

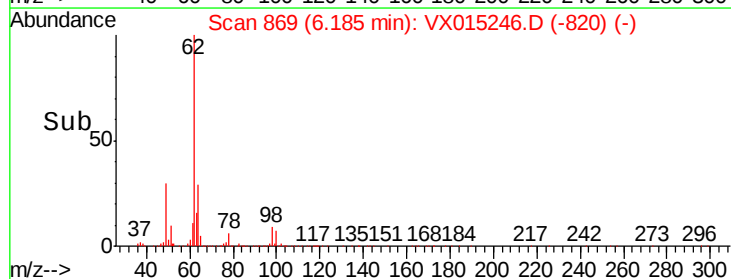
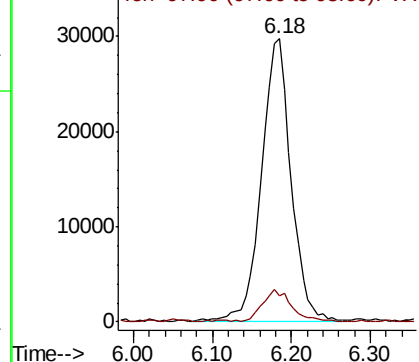


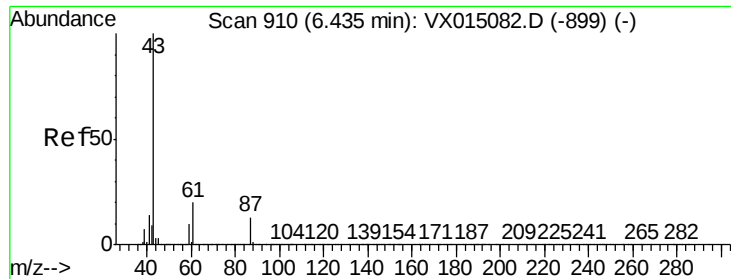
#42
1,2-Dichloroethane
Concen: 18.301 ug/l
RT: 6.18 min Scan# 869
Delta R.T. -0.00 min
Lab File: VX015246.D
Acq: 13 Mar 2020 10:03

Tgt Ion:	62	Resp:	76595
Ion	Ratio	Lower	Upper
62	100		
98	11.8	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: 19.289 ug/l

RT: 6.43 min Scan# 909

Delta R.T. -0.01 min

Lab File: VX015246.D

Acq: 13 Mar 2020 10:03

Instrument :

MSVOA_X

ClientSampleId :

VX0313WBS01

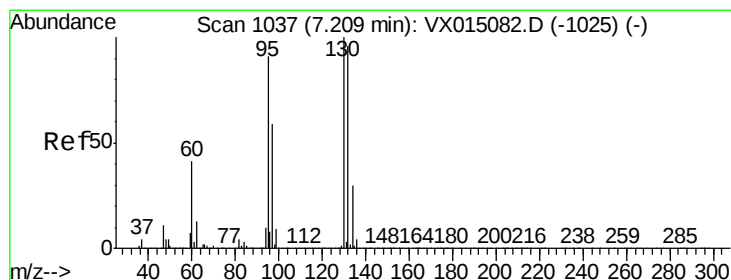
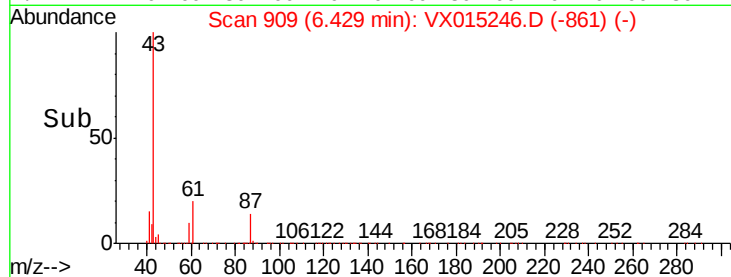
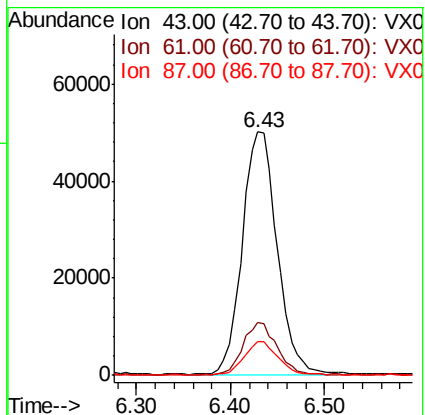
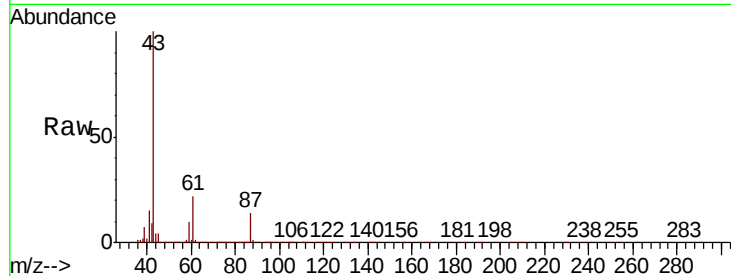
Tot Ion: 43 Resp: 129305

Ion Ratio Lower Upper

43 100

61 21.7 16.1 24.1

87 13.8 10.6 16.0



#44

Trichloroethene

Concen: 18.656 ug/l

RT: 7.20 min Scan# 1036

Delta R.T. -0.01 min

Lab File: VX015246.D

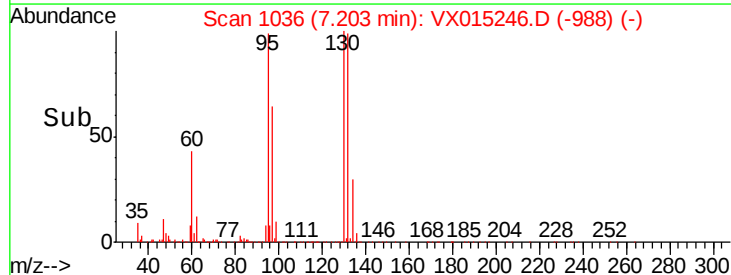
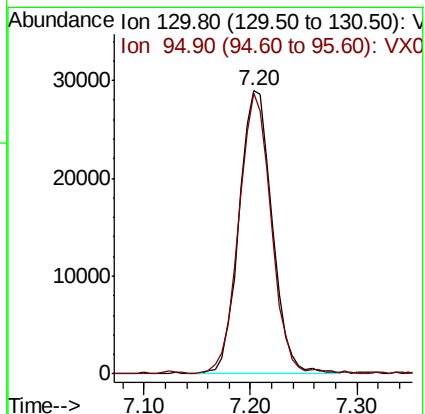
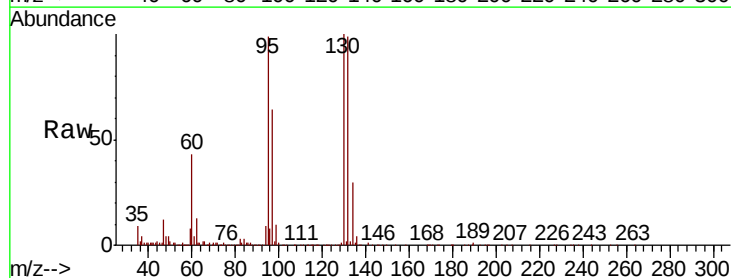
Acq: 13 Mar 2020 10:03

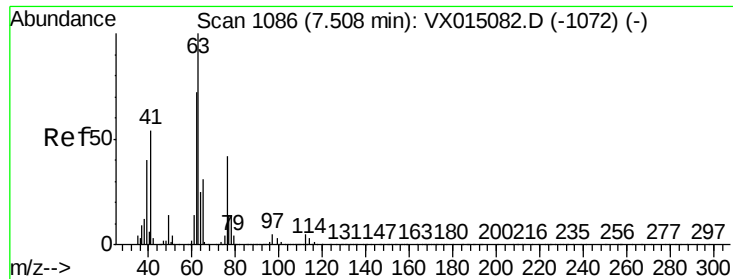
Tgt Ion: 130 Resp: 63323

Ion Ratio Lower Upper

130 100

95 99.4 0.0 181.2

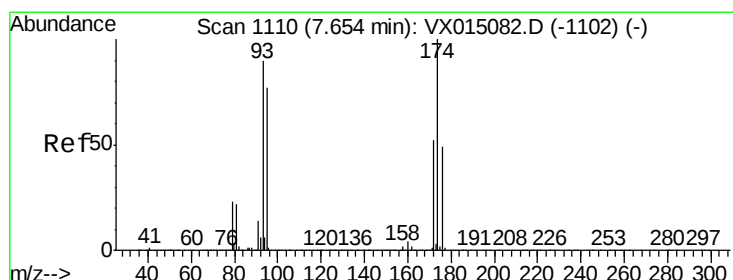
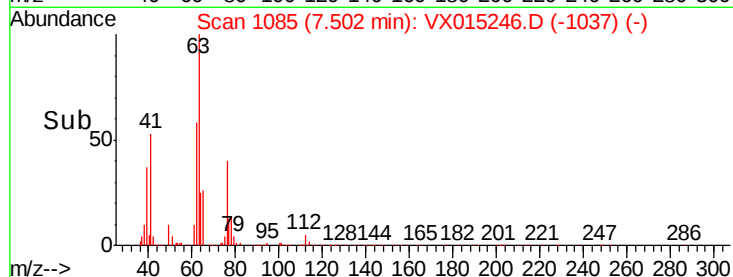
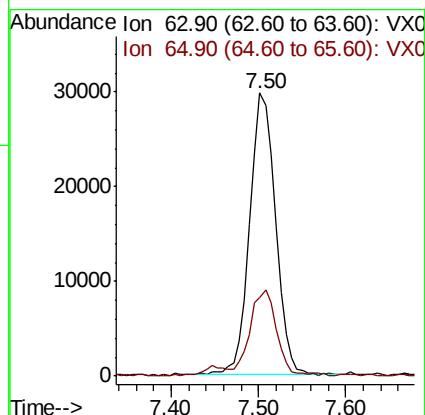
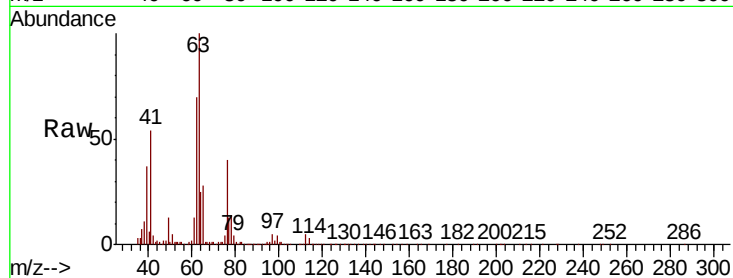




#45
 1,2-Dichloropropane
 Concen: 19.293 ug/l
 RT: 7.50 min Scan# 1085
 Delta R.T. -0.01 min
 Lab File: VX015246.D
 Acq: 13 Mar 2020 10:03

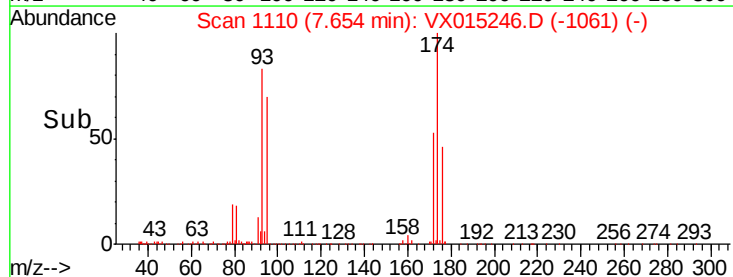
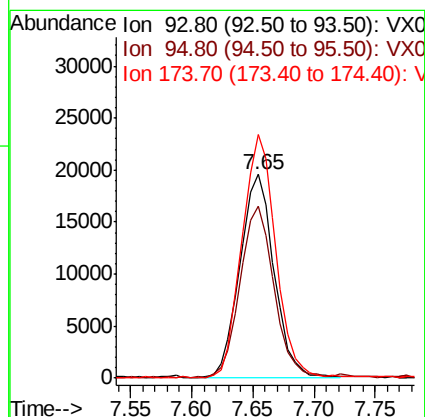
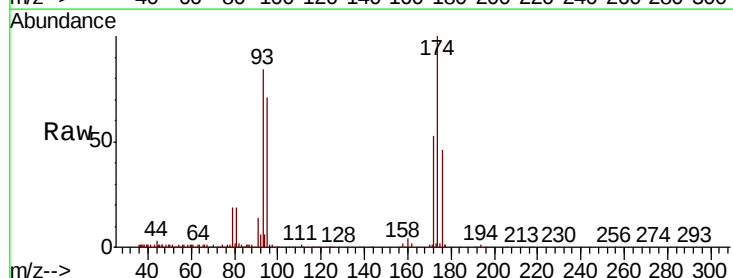
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0313WBS01

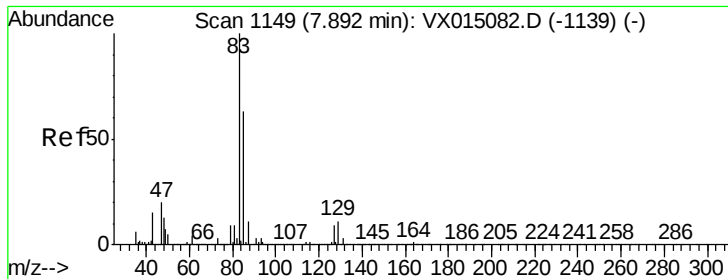
Tot Ion: 63 Resp: 60863
 Ion Ratio Lower Upper
 63 100
 65 27.4 24.6 36.8



#46
 Dibromomethane
 Concen: 18.411 ug/l
 RT: 7.65 min Scan# 1110
 Delta R.T. -0.00 min
 Lab File: VX015246.D
 Acq: 13 Mar 2020 10:03

Tgt Ion: 93 Resp: 37843
 Ion Ratio Lower Upper
 93 100
 95 83.3 67.8 101.8
 174 119.6 91.0 136.4





#47

Bromodichloromethane

Concen: 18.887 ug/l

RT: 7.89 min Scan# 1148

Delta R.T. -0.01 min

Lab File: VX015246.D

Acq: 13 Mar 2020 10:03

Instrument :

MSVOA_X

ClientSampleId :

VX0313WBS01

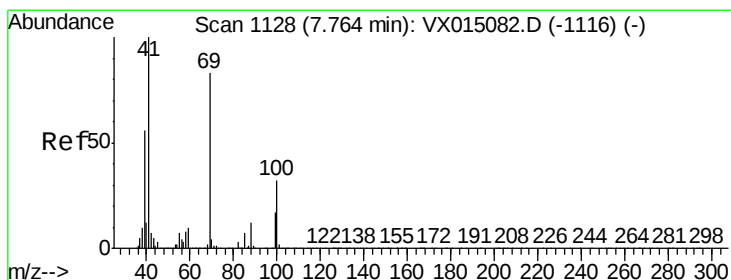
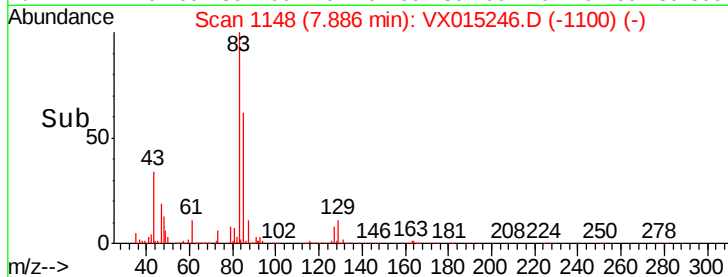
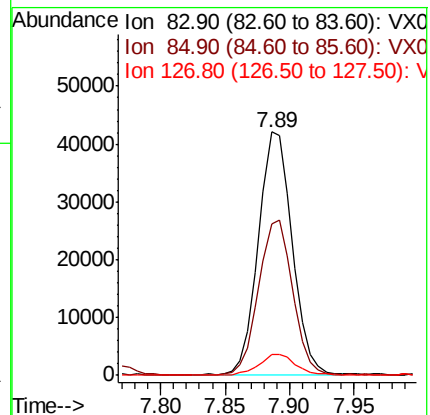
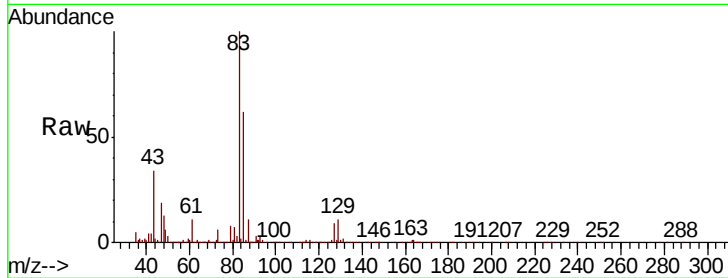
Tot Ion: 83 Resp: 76771

Ion Ratio Lower Upper

83 100

85 61.8 50.6 75.8

127 8.6 7.1 10.7



#48

Methyl methacrylate

Concen: 19.706 ug/l

RT: 7.76 min Scan# 1127

Delta R.T. -0.01 min

Lab File: VX015246.D

Acq: 13 Mar 2020 10:03

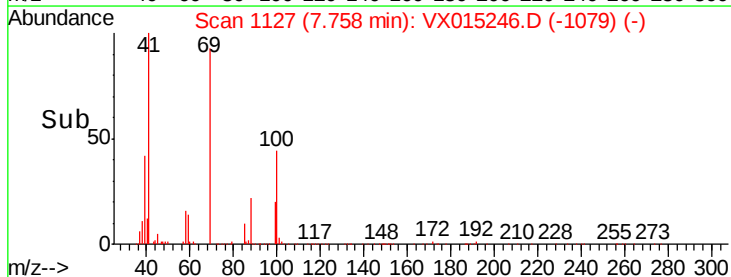
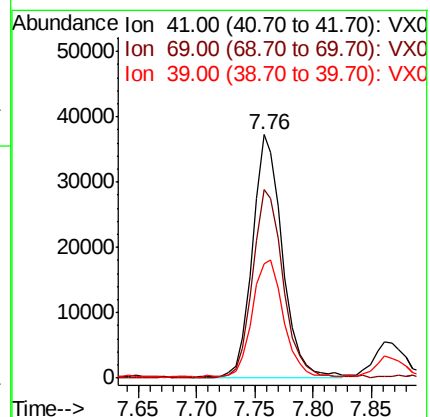
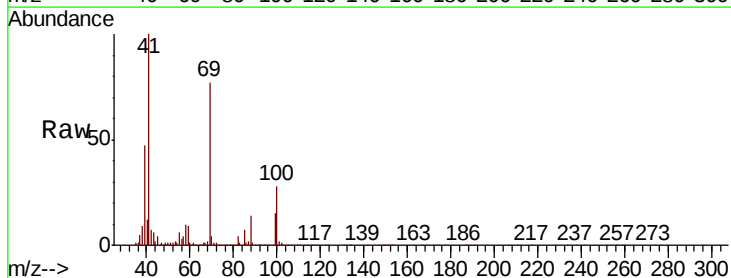
Tgt Ion: 41 Resp: 67233

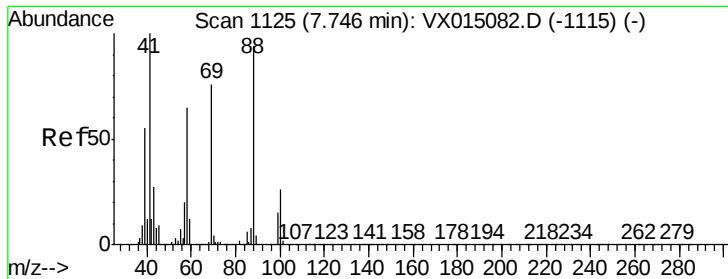
Ion Ratio Lower Upper

41 100

69 78.1 65.4 98.2

39 51.6 44.6 67.0





#49

1,4-Dioxane

Concen: 403.502 ug/l

RT: 7.74 min Scan# 1124

Delta R.T. -0.01 min

Lab File: VX015246.D

Acq: 13 Mar 2020 10:03

Instrument :

MSVOA_X

ClientSampleId :

VX0313WBS01

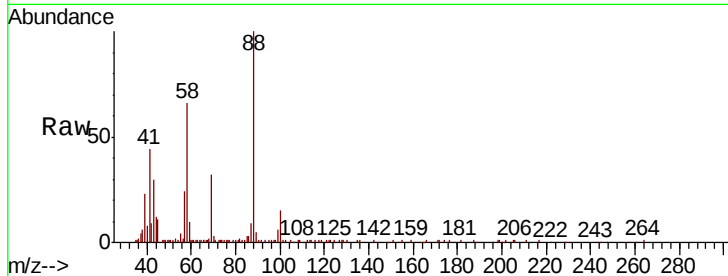
Tot Ion: 88 Resp: 29765

Ion Ratio Lower Upper

88 100

43 31.0 27.0 40.4

58 69.1 55.6 83.4

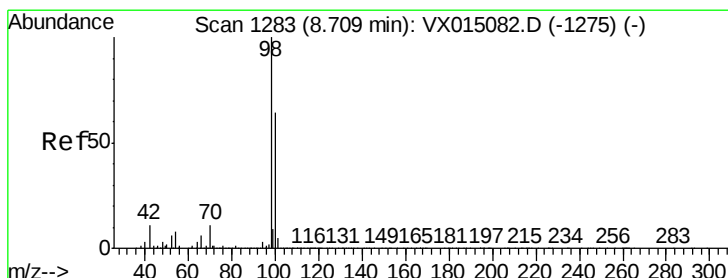
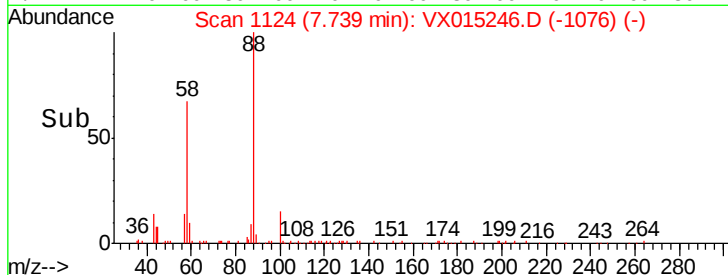
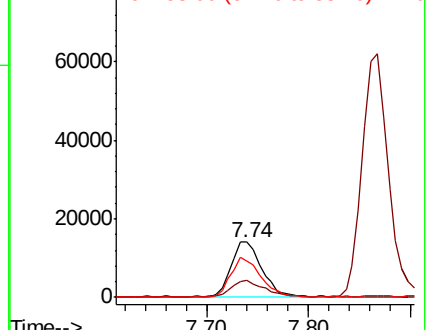


Abundance

Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#50

Toluene-d8

Concen: 48.956 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. -0.00 min

Lab File: VX015246.D

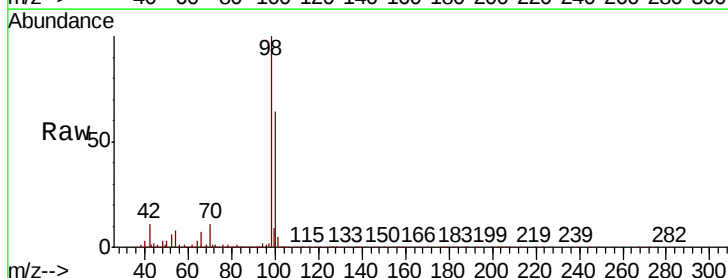
Acq: 13 Mar 2020 10:03

Tgt Ion: 98 Resp: 522038

Ion Ratio Lower Upper

98 100

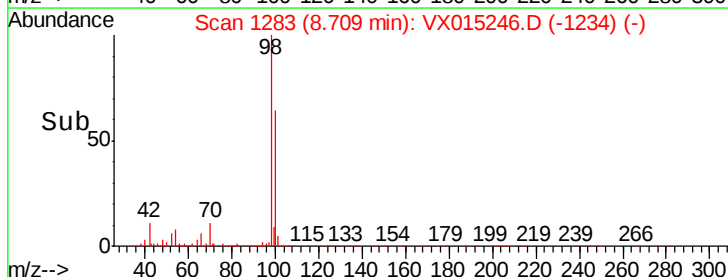
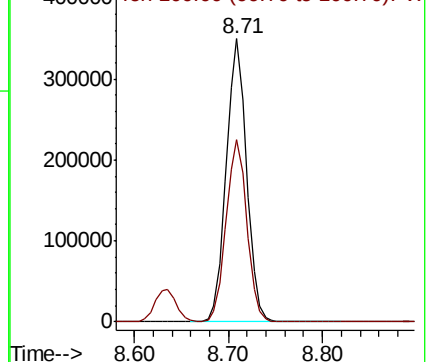
100 65.8 52.4 78.6

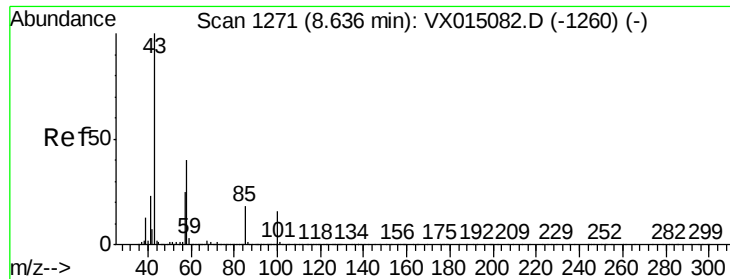


Abundance

Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





#51

4-Methyl-2-Pentanone

Concen: 102.397 ug/l

RT: 8.63 min Scan# 1270

Delta R.T. -0.01 min

Lab File: VX015246.D

Acq: 13 Mar 2020 10:03

Instrument :

MSVOA_X

ClientSampleId :

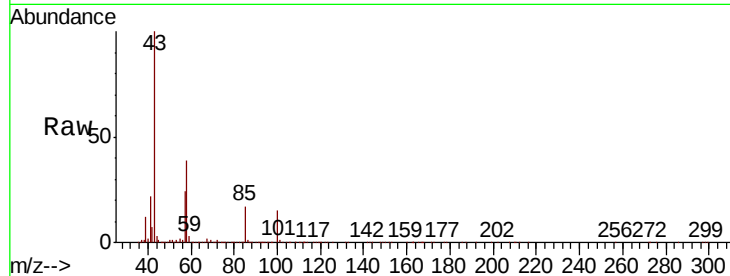
VX0313WBS01

Tot Ion: 43 Resp: 405846

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

8.63

250000

200000

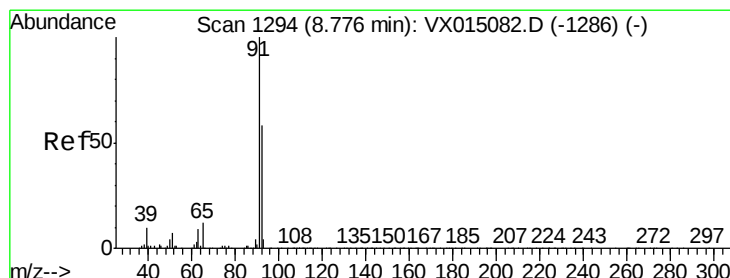
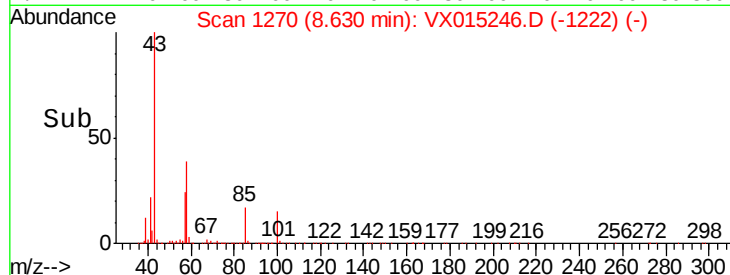
150000

100000

50000

0

Time-->



#52

Toluene

Concen: 19.360 ug/l

RT: 8.78 min Scan# 1294

Delta R.T. -0.00 min

Lab File: VX015246.D

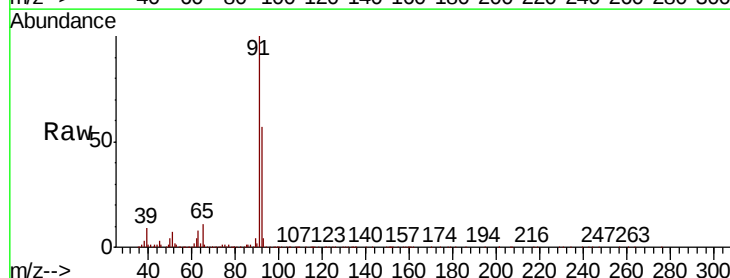
Acq: 13 Mar 2020 10:03

Tgt Ion: 92 Resp: 144269

Ion Ratio Lower Upper

92 100

91 172.9 136.9 205.3



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

8.78

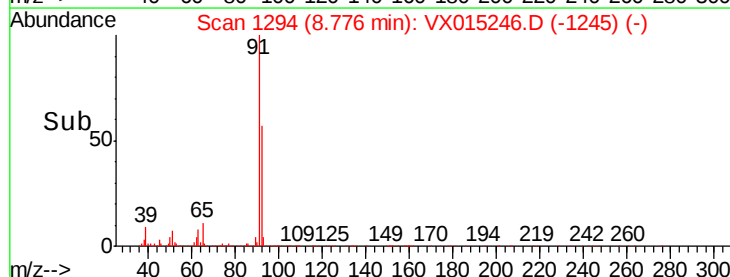
150000

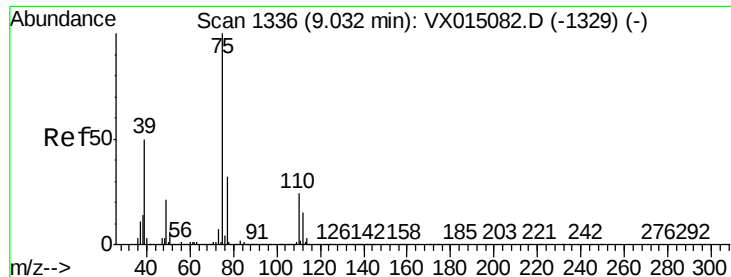
100000

50000

0

Time-->





#53

t-1,3-Dichloropropene

Concen: 19.134 ug/l

RT: 9.03 min Scan# 1336

Delta R.T. -0.00 min

Lab File: VX015246.D

Acq: 13 Mar 2020 10:03

Instrument :

MSVOA_X

ClientSampleId :

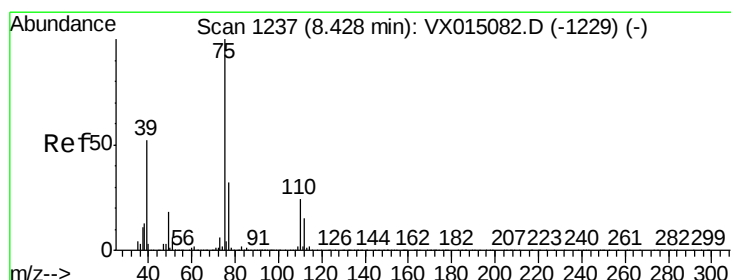
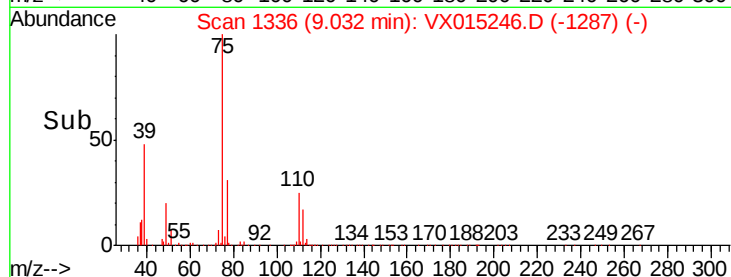
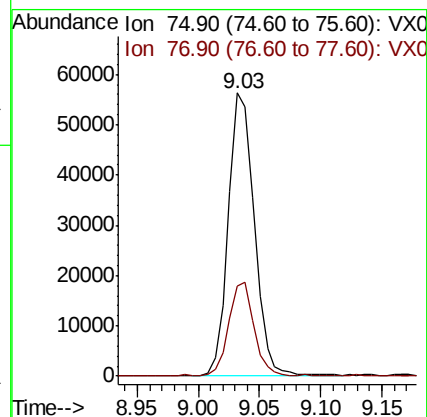
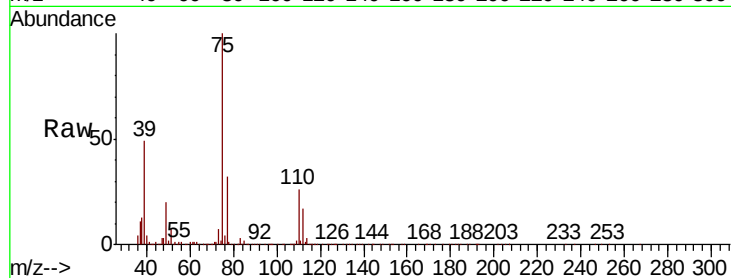
VX0313WBS01

Tot Ion: 75 Resp: 82783

Ion Ratio Lower Upper

75 100

77 31.4 25.4 38.0



#54

cis-1,3-Dichloropropene

Concen: 19.804 ug/l

RT: 8.43 min Scan# 1237

Delta R.T. -0.00 min

Lab File: VX015246.D

Acq: 13 Mar 2020 10:03

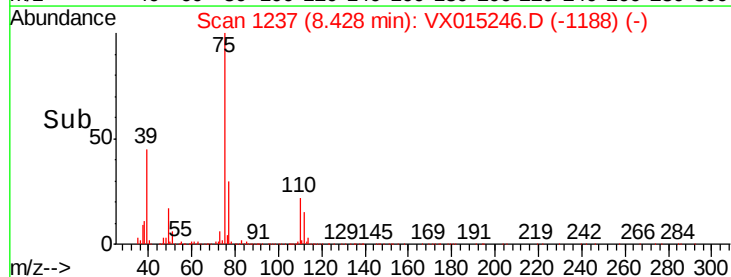
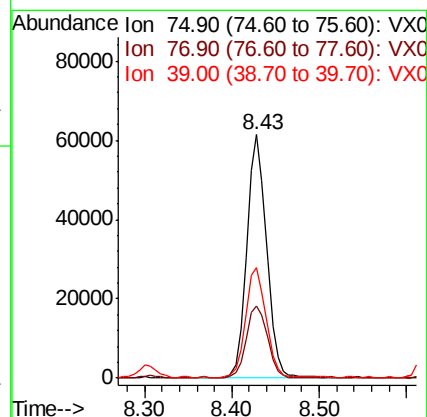
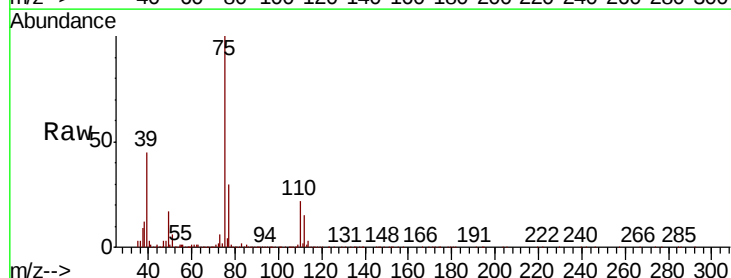
Tgt Ion: 75 Resp: 96863

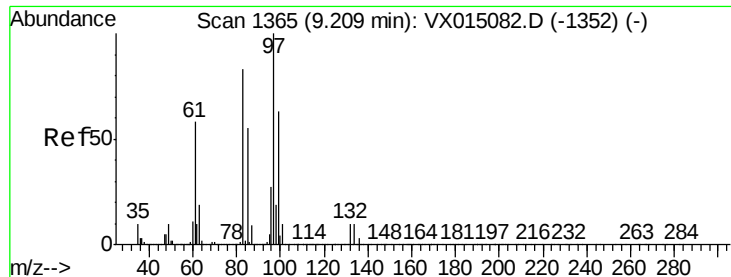
Ion Ratio Lower Upper

75 100

77 29.6 25.8 38.6

39 45.2 41.3 61.9





#55

1,1,2-Trichloroethane

Concen: 19.103 ug/l

RT: 9.21 min Scan# 1365

Delta R.T. -0.00 min

Lab File: VX015246.D

Acq: 13 Mar 2020 10:03

Instrument :

MSVOA_X

ClientSampleId :

VX0313WBS01

Tot Ion: 97 Resp: 58593

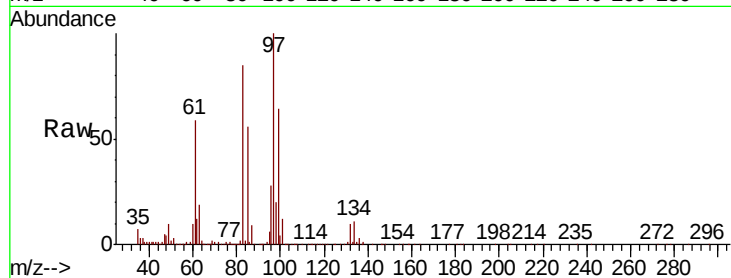
Ion Ratio Lower Upper

97 100

83 85.3 66.4 99.6

85 55.6 43.5 65.3

99 63.4 50.7 76.1

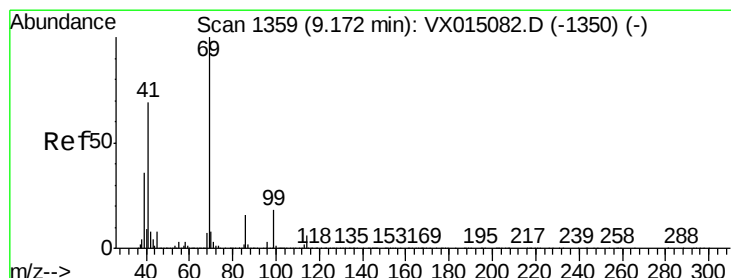
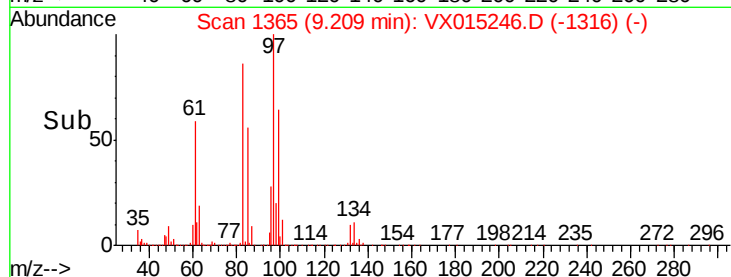
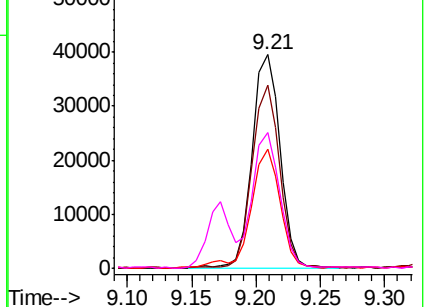


Abundance Ion 96.90 (96.60 to 97.60): VX0

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: 20.348 ug/l

RT: 9.17 min Scan# 1359

Delta R.T. -0.00 min

Lab File: VX015246.D

Acq: 13 Mar 2020 10:03

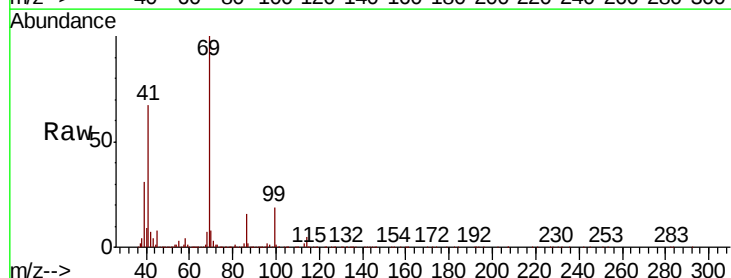
Tgt Ion: 69 Resp: 89022

Ion Ratio Lower Upper

69 100

41 68.4 55.8 83.8

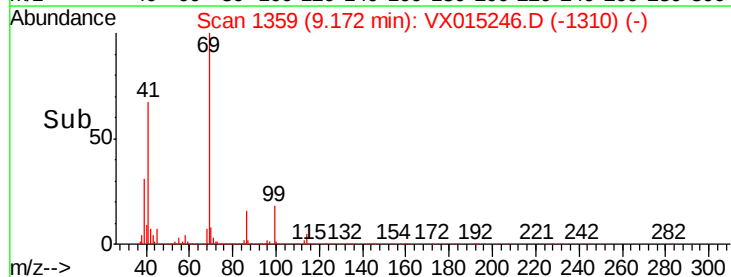
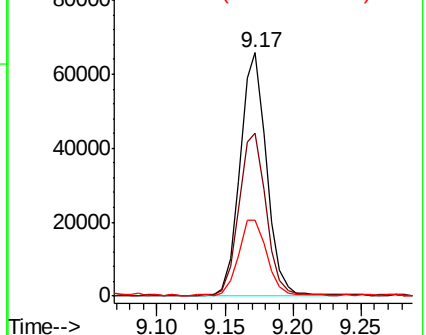
39 33.2 29.4 44.2

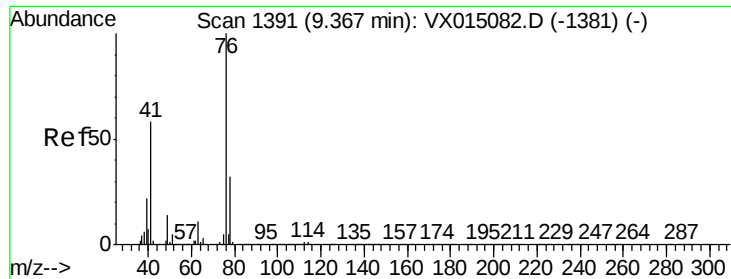


Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

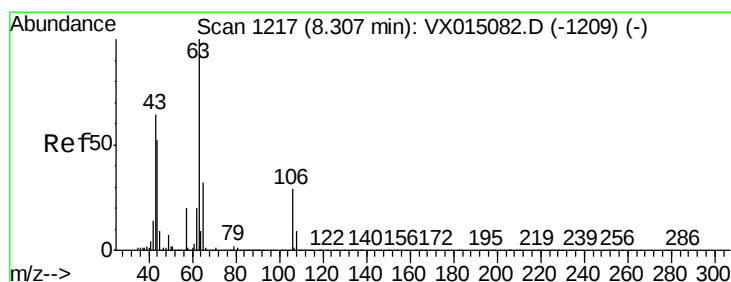
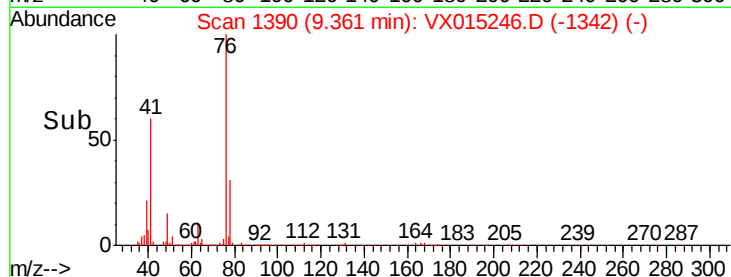
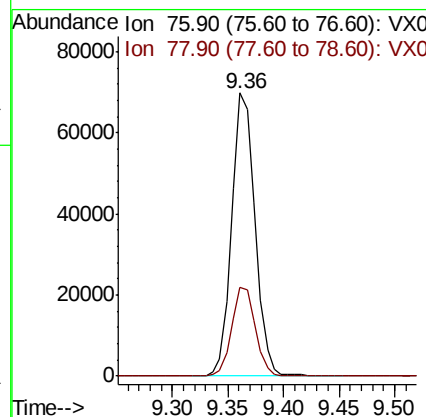
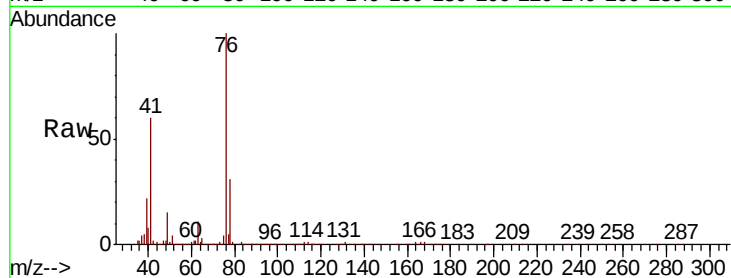




#57
 1,3-Dichloropropane
 Concen: 19.687 ug/l
 RT: 9.36 min Scan# 1390
 Delta R.T. -0.01 min
 Lab File: VX015246.D
 Acq: 13 Mar 2020 10:03

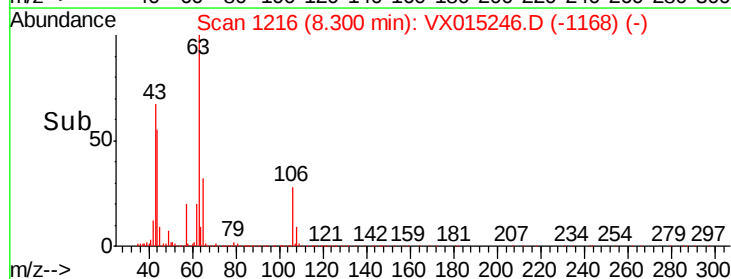
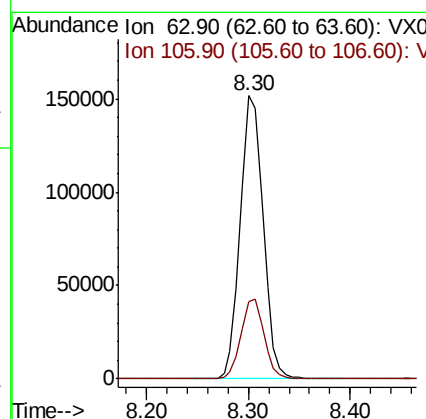
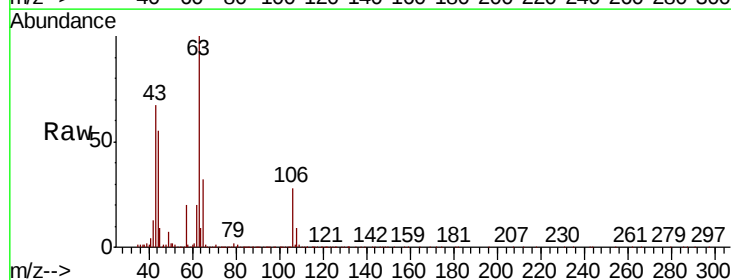
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0313WBS01

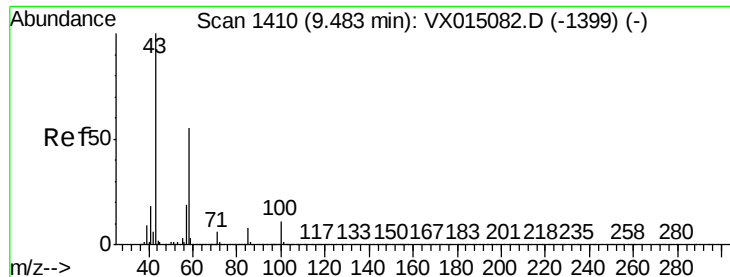
Tot Ion: 76 Resp: 101586
 Ion Ratio Lower Upper
 76 100
 78 31.6 25.6 38.4



#58
 2-Chloroethyl Vinyl ether
 Concen: 98.708 ug/l
 RT: 8.30 min Scan# 1216
 Delta R.T. -0.01 min
 Lab File: VX015246.D
 Acq: 13 Mar 2020 10:03

Tgt Ion: 63 Resp: 235255
 Ion Ratio Lower Upper
 63 100
 106 28.5 22.8 34.2

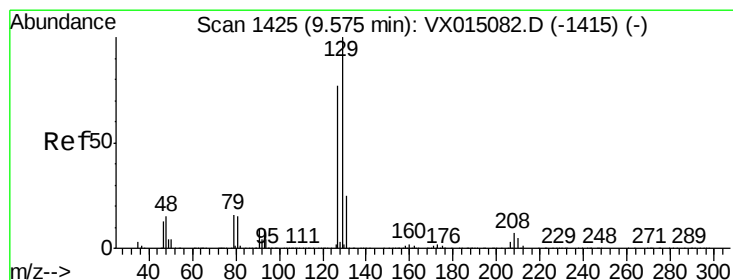
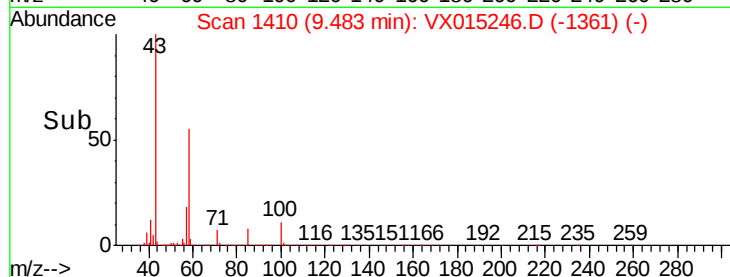
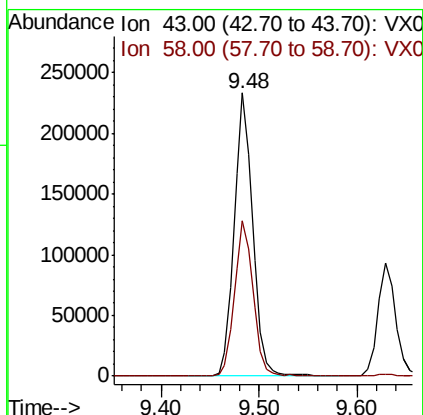
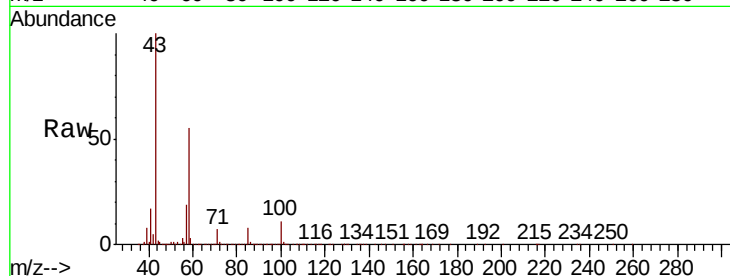




#59
2-Hexanone
Concen: 104.079 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. -0.00 min
Lab File: VX015246.D
Acq: 13 Mar 2020 10:03

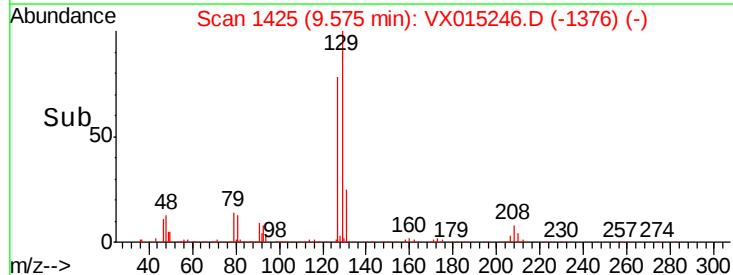
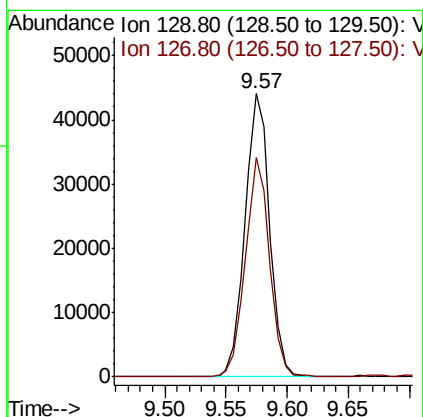
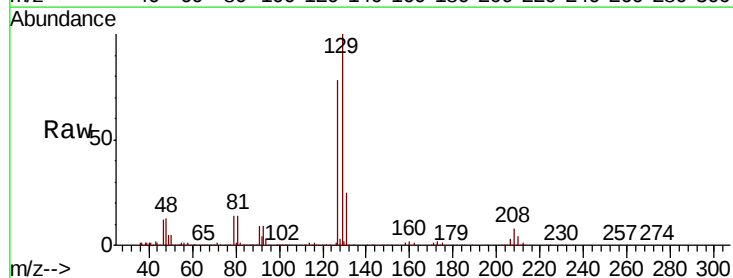
Instrument :
MSVOA_X
ClientSampled :
VX0313WBS01

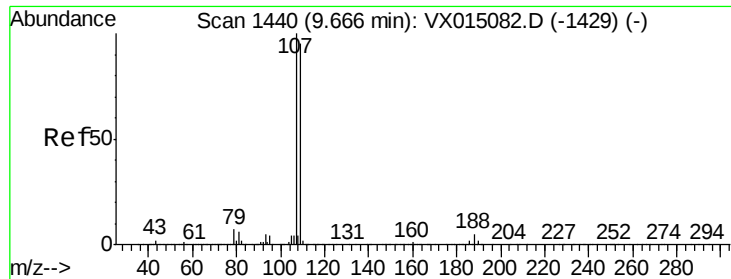
Tot Ion: 43 Resp: 305747
Ion Ratio Lower Upper
43 100
58 55.7 27.3 81.8



#60
Dibromochloromethane
Concen: 19.188 ug/l
RT: 9.57 min Scan# 1425
Delta R.T. -0.00 min
Lab File: VX015246.D
Acq: 13 Mar 2020 10:03

Tgt Ion: 129 Resp: 61823
Ion Ratio Lower Upper
129 100
127 76.0 38.8 116.3





#61

1,2-Dibromoethane

Concen: 19.125 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. -0.00 min

Lab File: VX015246.D

Acq: 13 Mar 2020 10:03

Instrument :

MSVOA_X

ClientSampleId :

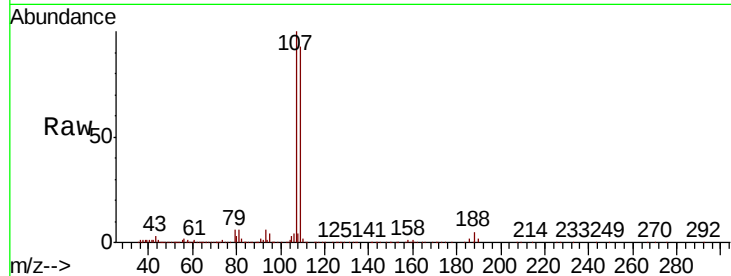
VX0313WBS01

Tot Ion:107 Resp: 61612

Ion Ratio Lower Upper

107 100

109 92.5 75.6 113.4



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.67

50000

40000

30000

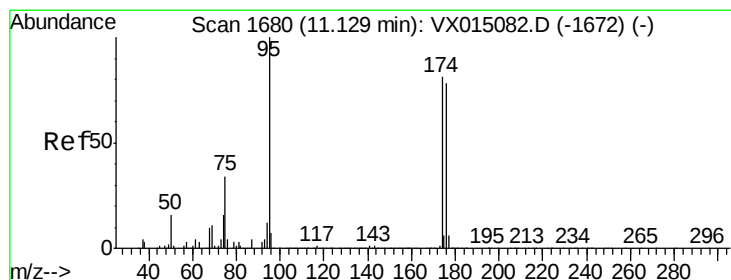
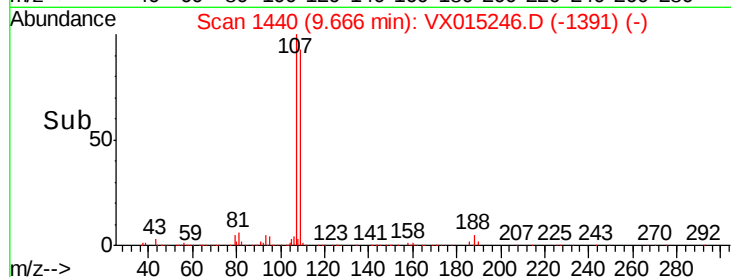
20000

10000

0

Time-->

9.60 9.65 9.70 9.75 9.80



#62

4-Bromofluorobenzene

Concen: 49.878 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.00 min

Lab File: VX015246.D

Acq: 13 Mar 2020 10:03

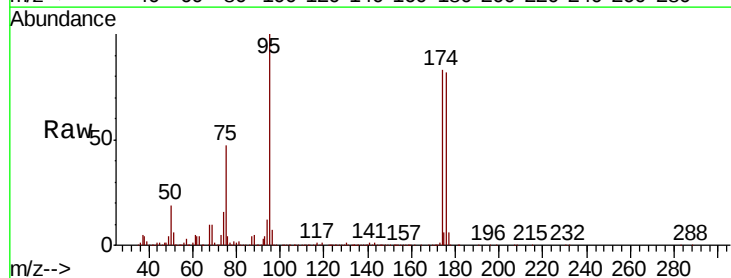
Tgt Ion: 95 Resp: 189713

Ion Ratio Lower Upper

95 100

174 89.4 0.0 177.6

176 87.5 0.0 170.2



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

200000

150000

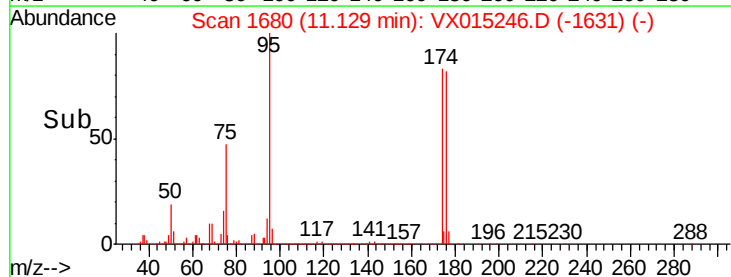
100000

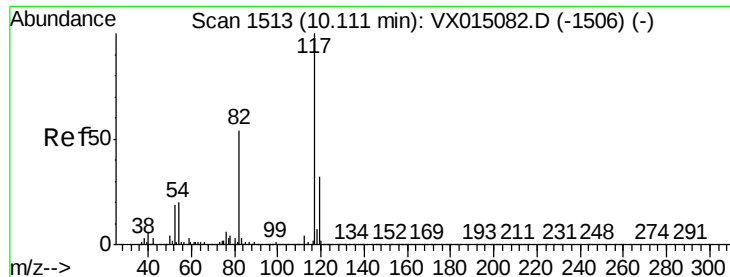
50000

0

Time-->

11.05 11.10 11.15 11.20

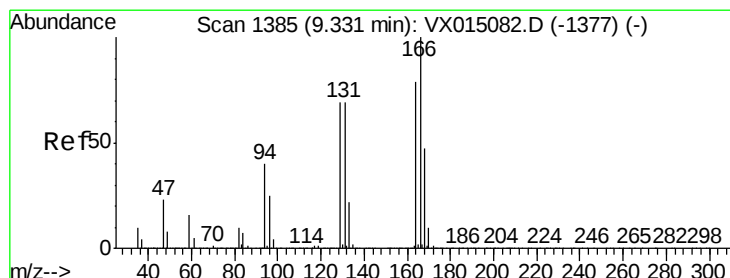
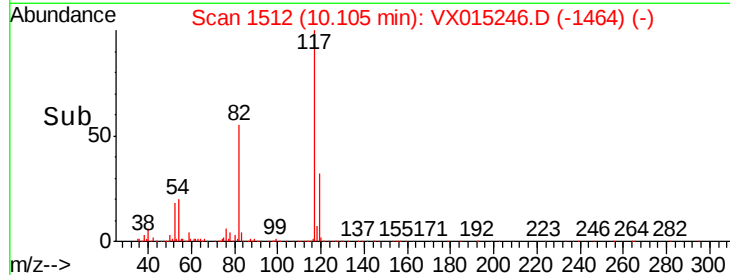
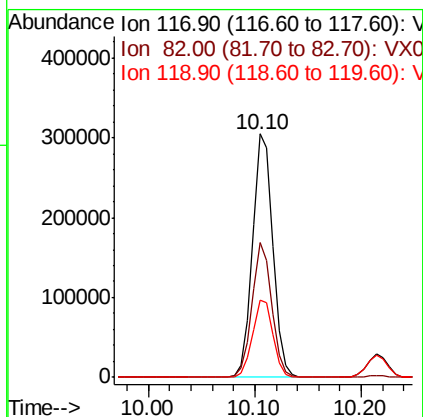
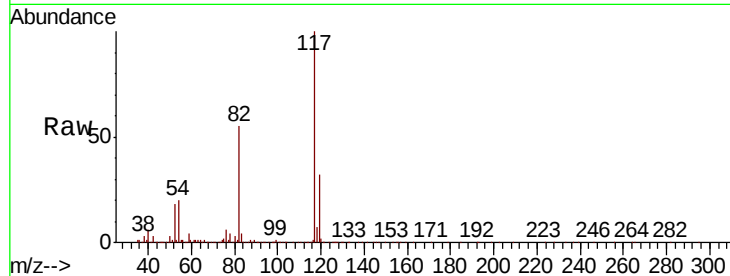




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1512
Delta R.T. -0.01 min
Lab File: VX015246.D
Acq: 13 Mar 2020 10:03

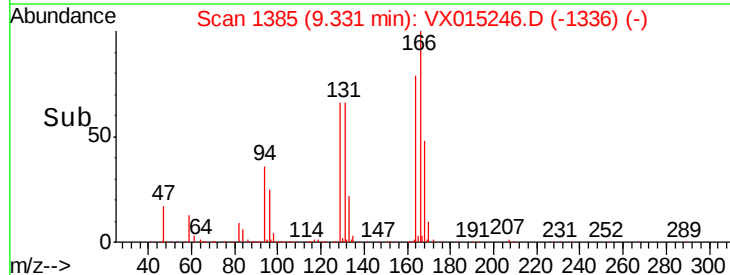
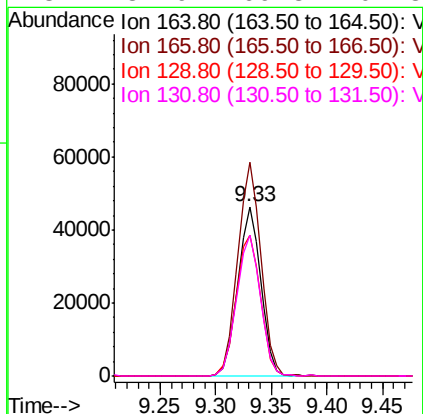
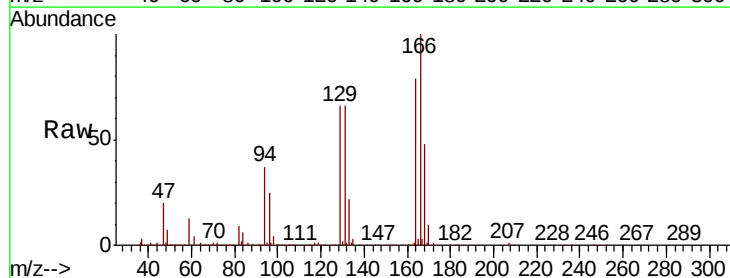
Instrument :
MSVOA_X
ClientSampleId :
VX0313WBS01

Tot Ion:117 Resp: 408478
Ion Ratio Lower Upper
117 100
82 55.2 43.3 64.9
119 31.8 25.8 38.8



#64
Tetrachloroethene
Concen: 19.693 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VX015246.D
Acq: 13 Mar 2020 10:03

Tgt Ion:164 Resp: 66509
Ion Ratio Lower Upper
164 100
166 126.1 101.1 151.7
129 83.0 69.4 104.0
131 82.9 69.8 104.8





#65

Chlorobenzene

Concen: 19.287 ug/l

RT: 10.14 min Scan# 1517

Delta R.T. -0.00 min

Lab File: VX015246.D

Acq: 13 Mar 2020 10:03

Instrument :

MSVOA_X

ClientSampleId :

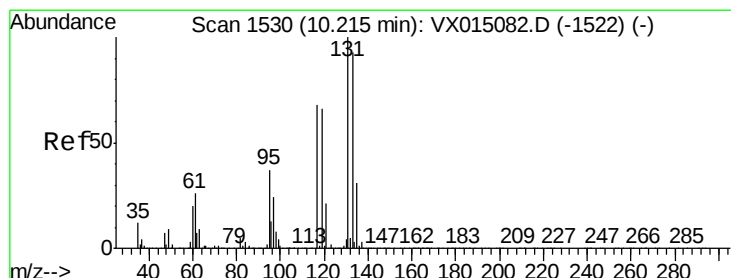
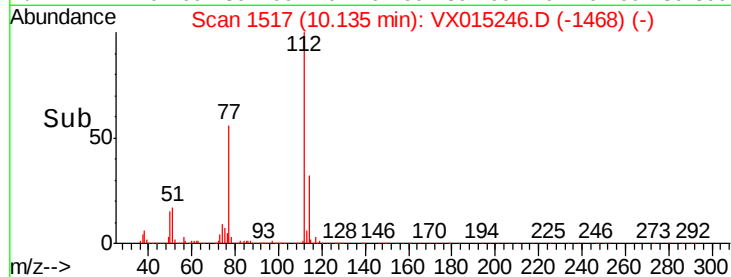
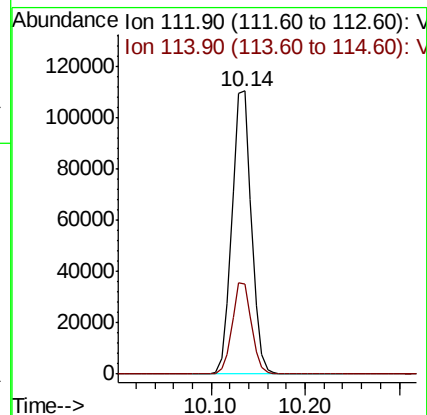
VX0313WBS01

Tot Ion:112 Resp: 158171

Ion Ratio Lower Upper

112 100

114 31.9 25.5 38.3



#66

1,1,1,2-Tetrachloroethane

Concen: 18.520 ug/l

RT: 10.21 min Scan# 1530

Delta R.T. -0.00 min

Lab File: VX015246.D

Acq: 13 Mar 2020 10:03

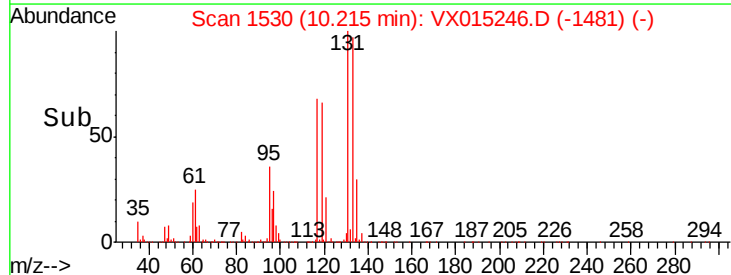
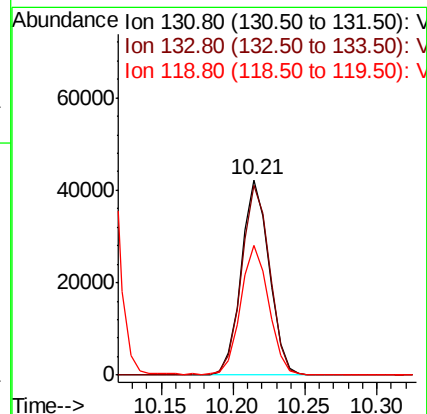
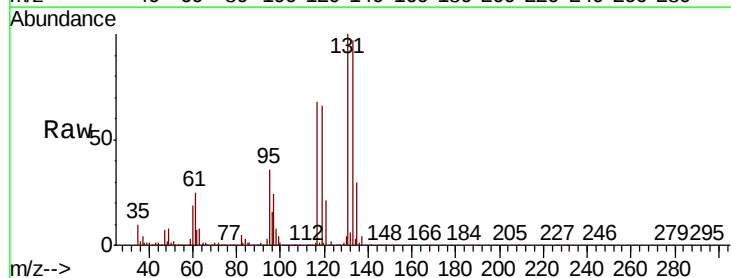
Tgt Ion:131 Resp: 57269

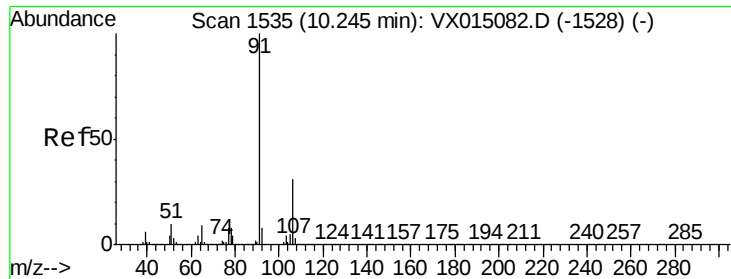
Ion Ratio Lower Upper

131 100

133 98.5 47.5 142.5

119 66.6 33.4 100.1

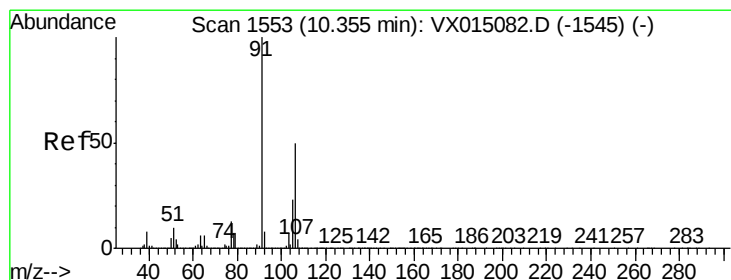
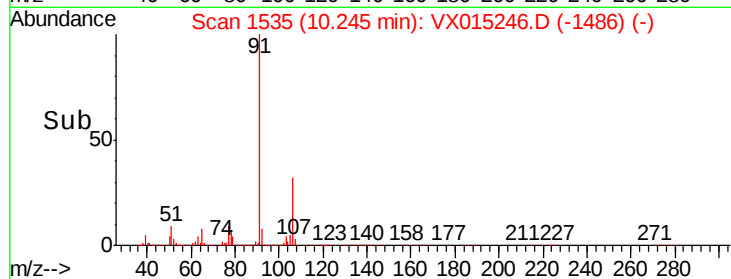
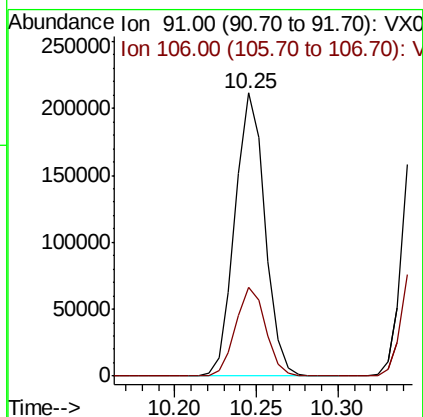
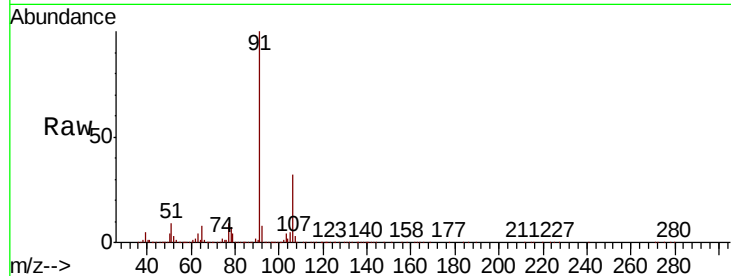




#67
Ethyl Benzene
Concen: 19.493 ug/l
RT: 10.25 min Scan# 1535
Delta R.T. -0.00 min
Lab File: VX015246.D
Acq: 13 Mar 2020 10:03

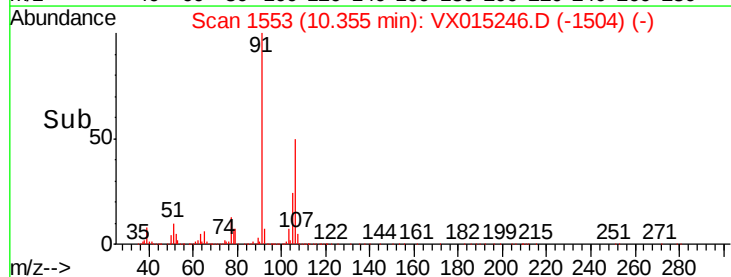
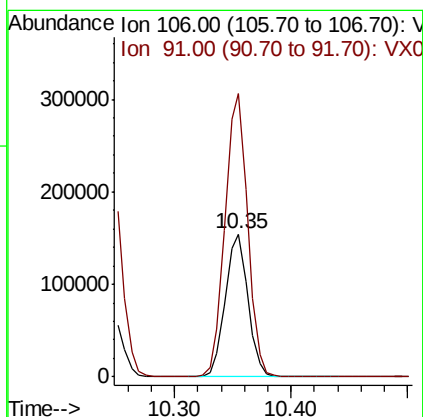
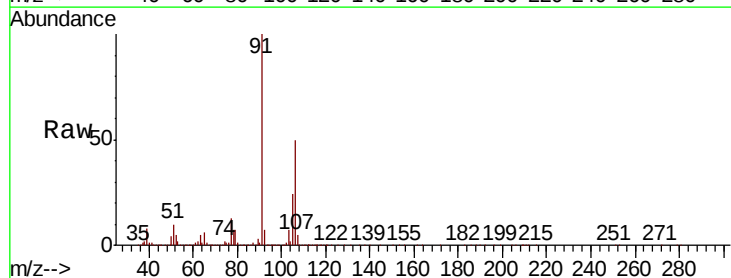
Instrument :
MSVOA_X
ClientSampleId :
VX0313WBS01

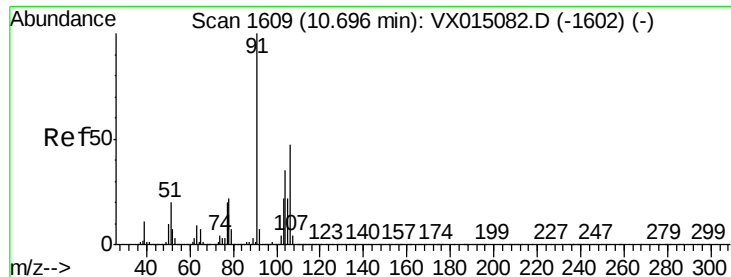
Tot Ion: 91 Resp: 271455
Ion Ratio Lower Upper
91 100
106 31.5 24.9 37.3



#68
m/p-Xylenes
Concen: 39.090 ug/l
RT: 10.35 min Scan# 1553
Delta R.T. -0.00 min
Lab File: VX015246.D
Acq: 13 Mar 2020 10:03

Tgt Ion: 106 Resp: 207108
Ion Ratio Lower Upper
106 100
91 199.1 159.4 239.2

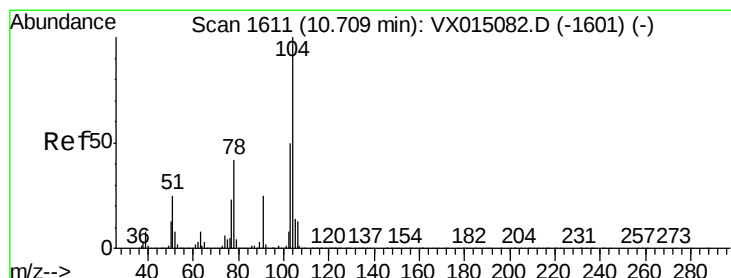
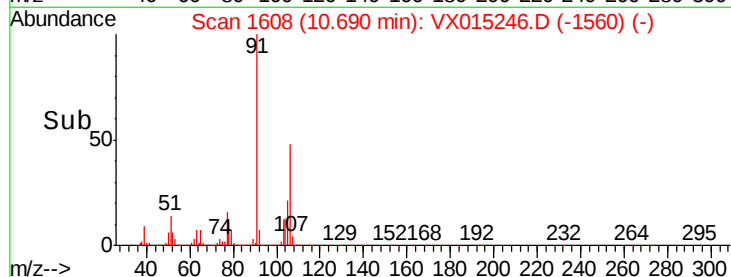
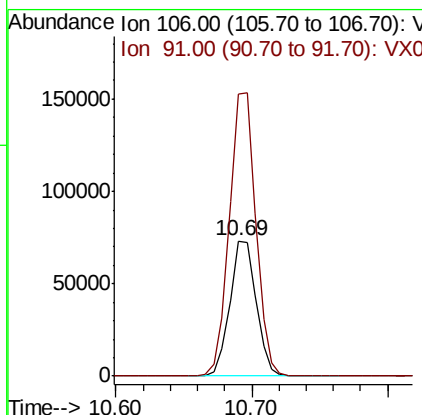
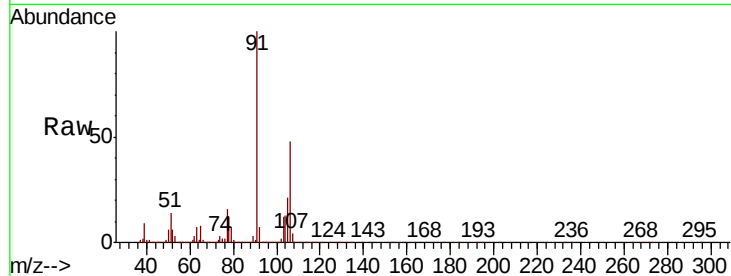




#69
o-Xylene
Concen: 19.594 ug/l
RT: 10.69 min Scan# 1608
Delta R.T. -0.01 min
Lab File: VX015246.D
Acq: 13 Mar 2020 10:03

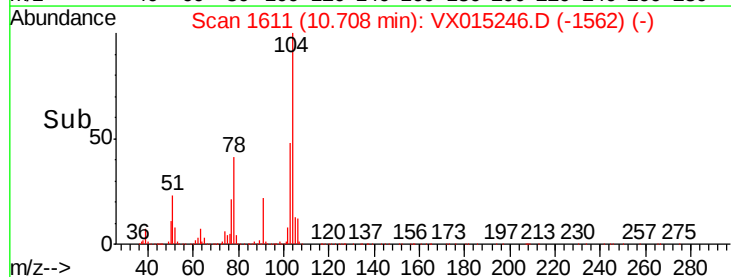
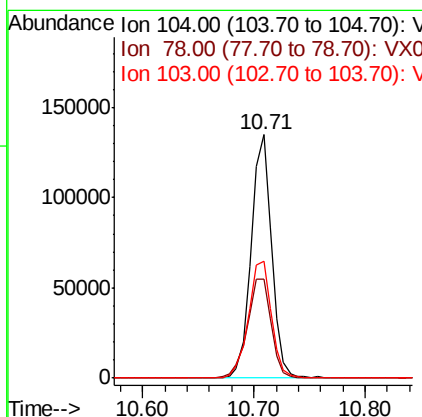
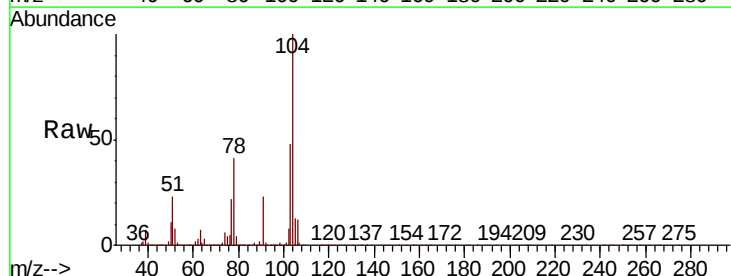
Instrument :
MSVOA_X
ClientSampleId :
VX0313WBS01

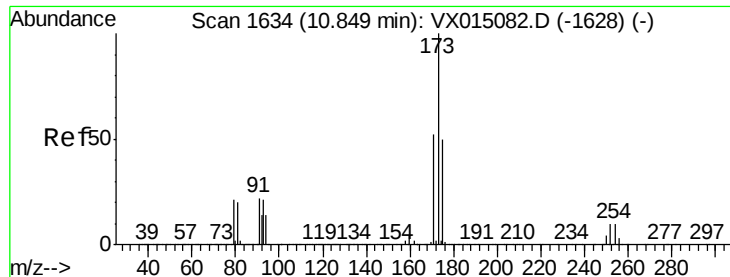
Tot Ion:106 Resp: 99395
Ion Ratio Lower Upper
106 100
91 209.1 105.4 316.1



#70
Styrene
Concen: 19.839 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. -0.00 min
Lab File: VX015246.D
Acq: 13 Mar 2020 10:03

Tgt Ion:104 Resp: 172556
Ion Ratio Lower Upper
104 100
78 47.6 39.0 58.4
103 54.3 43.7 65.5

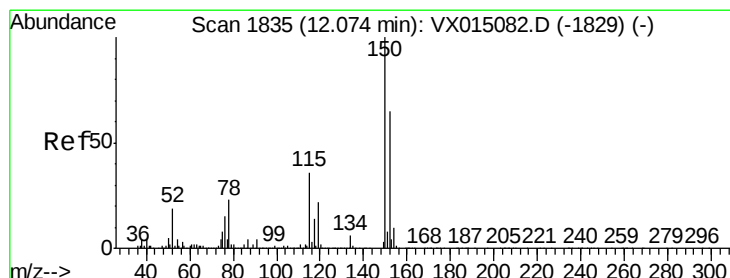
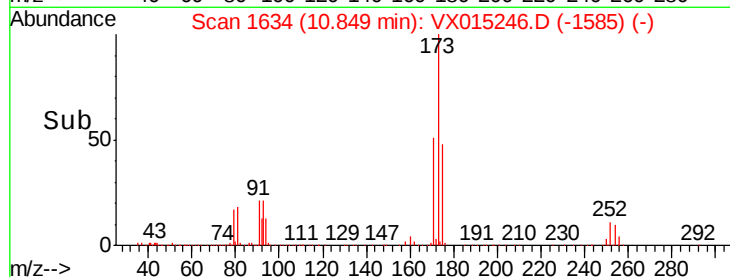
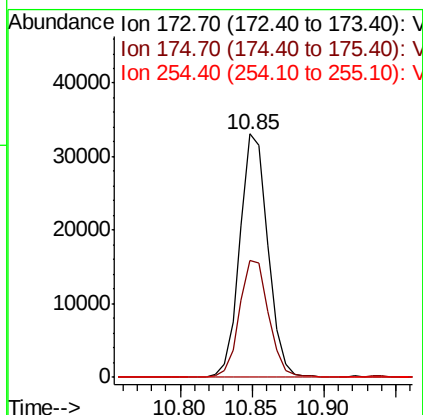
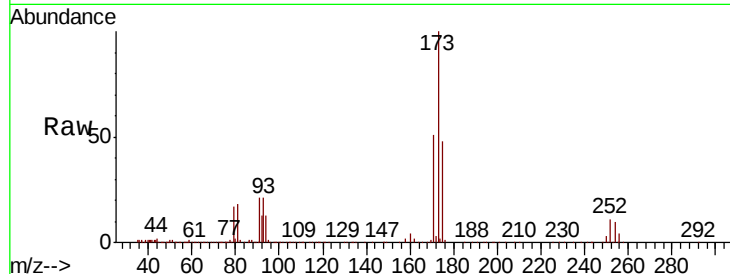




#71
Bromoform
Concen: 18.715 ug/l
RT: 10.85 min Scan# 1634
Delta R.T. -0.00 min
Lab File: VX015246.D
Acq: 13 Mar 2020 10:03

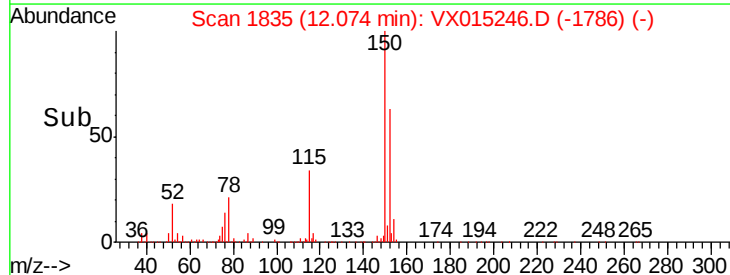
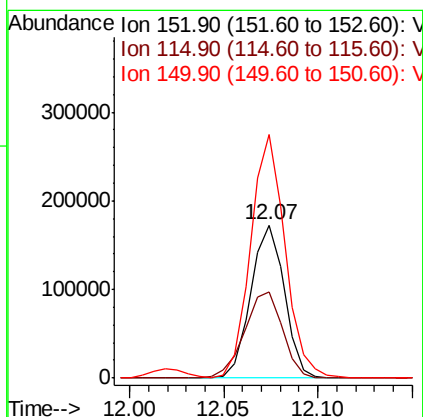
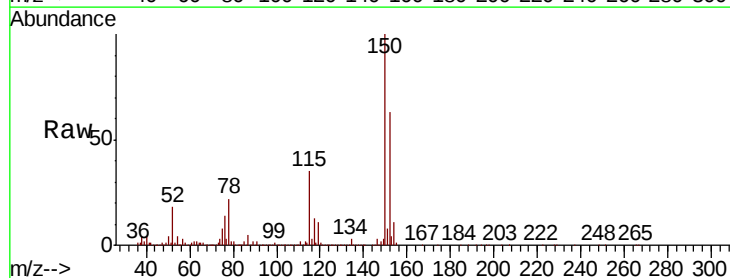
Instrument :
MSVOA_X
ClientSampleId :
VX0313WBS01

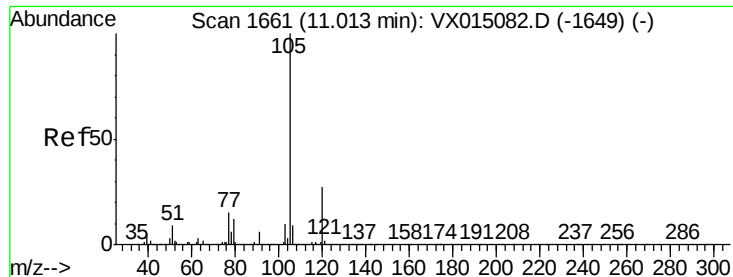
Tot Ion:173 Resp: 44878
Ion Ratio Lower Upper
173 100
175 50.2 24.9 74.7
254 0.2 0.2 0.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. -0.00 min
Lab File: VX015246.D
Acq: 13 Mar 2020 10:03

Tgt Ion:152 Resp: 213547
Ion Ratio Lower Upper
152 100
115 64.0 38.2 114.6
150 162.7 0.0 343.8





#73

Isopropylbenzene

Concen: 19.649 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. -0.00 min

Lab File: VX015246.D

Acq: 13 Mar 2020 10:03

Instrument :

MSVOA_X

ClientSampleId :

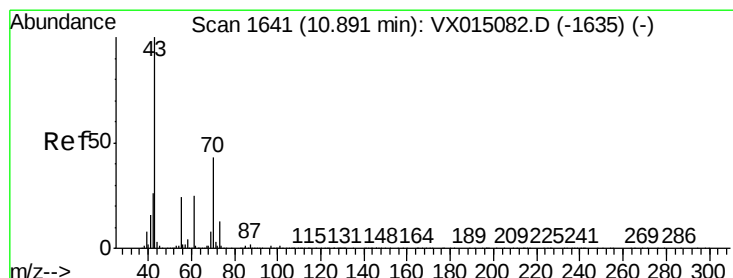
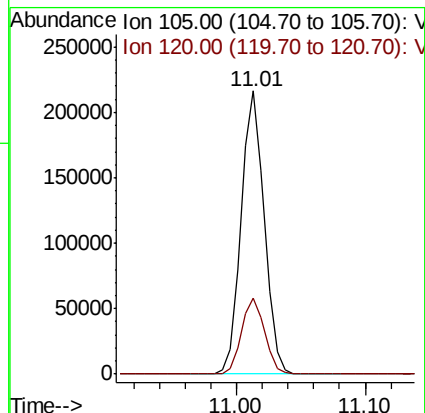
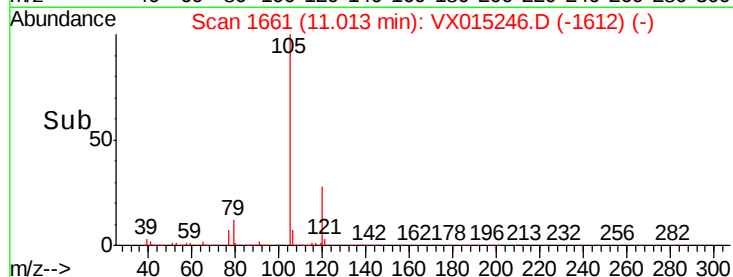
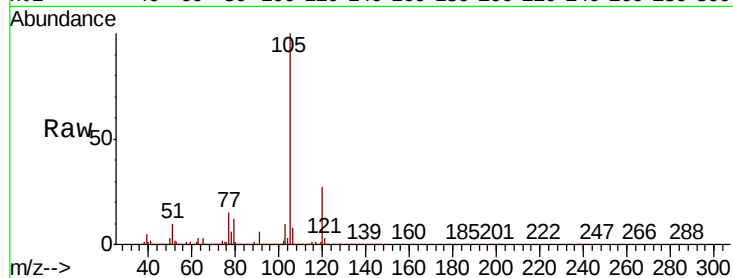
VX0313WBS01

Tot Ion:105 Resp: 268040

Ion Ratio Lower Upper

105 100

120 27.0 13.5 40.5



#74

N-ethyl acetate

Concen: 19.469 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. -0.00 min

Lab File: VX015246.D

Acq: 13 Mar 2020 10:03

Tgt Ion: 43 Resp: 111927

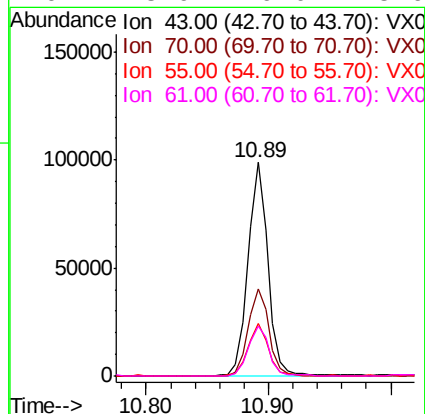
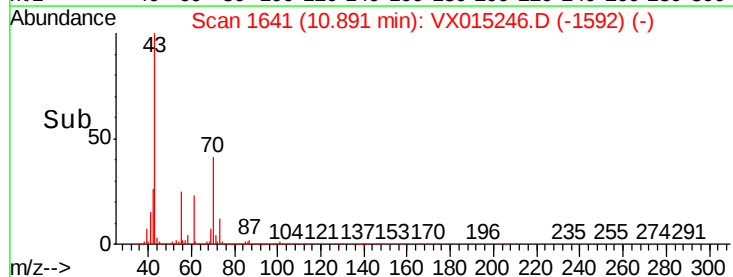
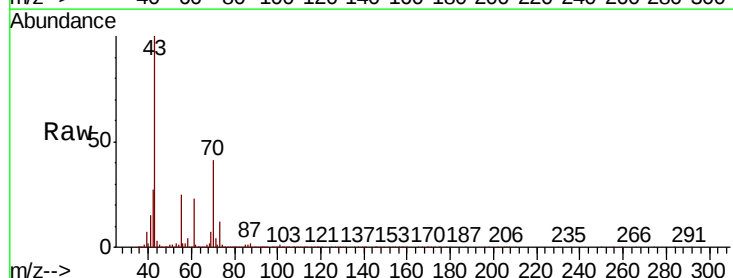
Ion Ratio Lower Upper

43 100

70 43.2 34.7 52.1

55 24.4 19.4 29.0

61 23.9 19.0 28.6





#75

1,1,2,2-Tetrachloroethane

Concen: 18.689 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. -0.00 min

Lab File: VX015246.D

Acq: 13 Mar 2020 10:03

Instrument :

MSVOA_X

ClientSampleId :

VX0313WBS01

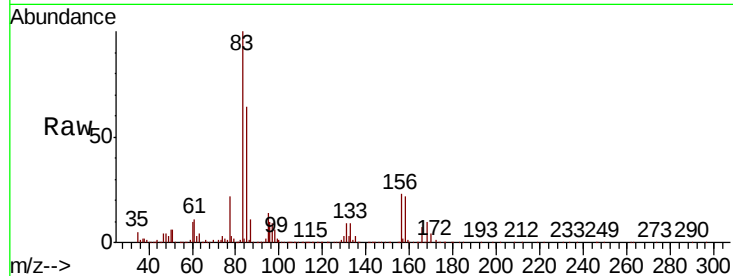
Tot Ion: 83 Resp: 84963

Ion Ratio Lower Upper

83 100

131 10.0 5.0 14.9

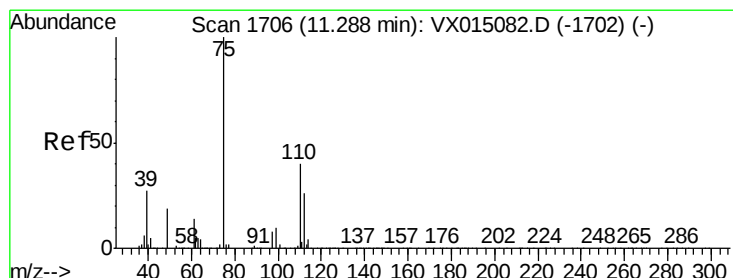
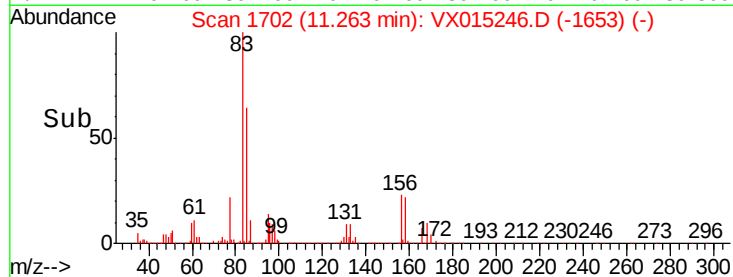
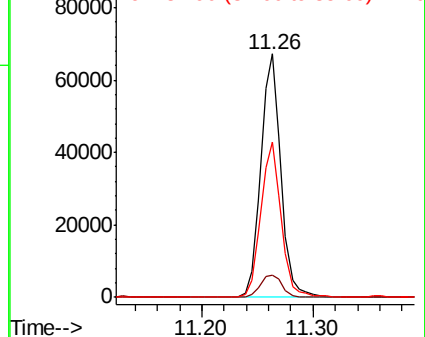
85 64.5 31.9 95.9



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 22.214 ug/l

RT: 11.29 min Scan# 1706

Delta R.T. -0.00 min

Lab File: VX015246.D

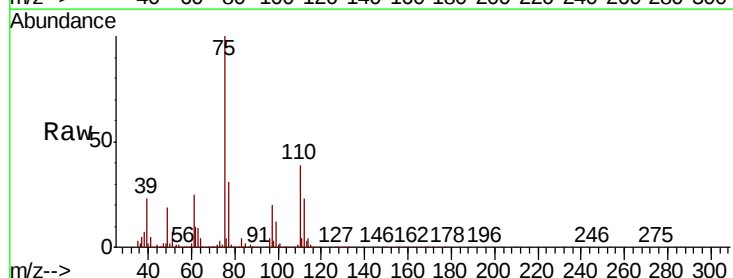
Acq: 13 Mar 2020 10:03

Tgt Ion: 75 Resp: 94624

Ion Ratio Lower Upper

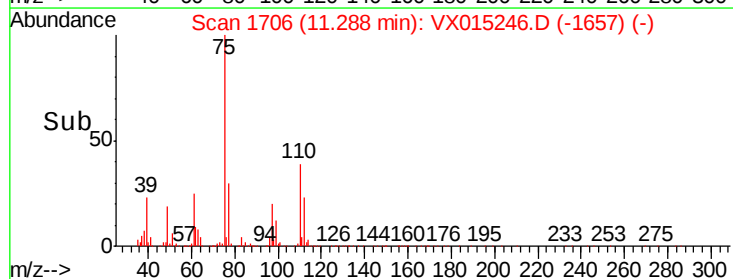
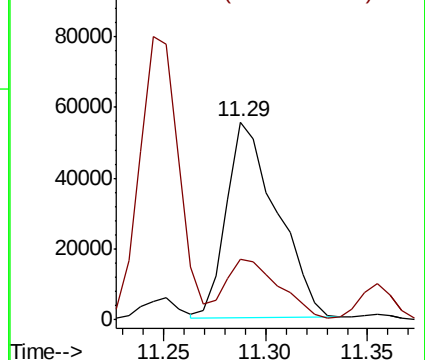
75 100

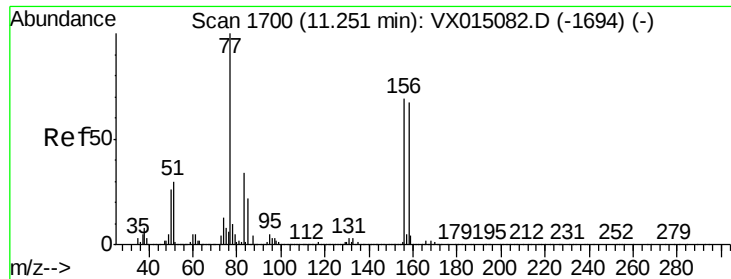
77 33.3 22.6 67.8



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 18.649 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. -0.00 min

Lab File: VX015246.D

Acq: 13 Mar 2020 10:03

Instrument :

MSVOA_X

ClientSampled :

VX0313WBS01

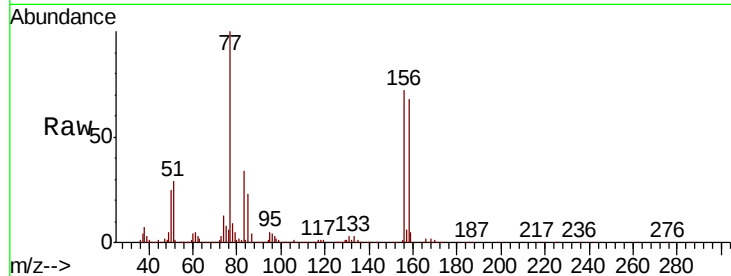
Tot Ion:156 Resp: 70898

Ion Ratio Lower Upper

156 100

77 149.5 75.3 225.9

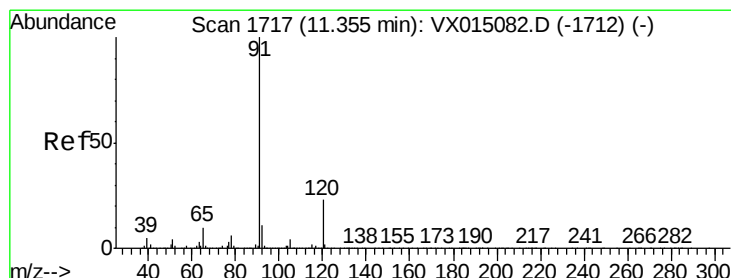
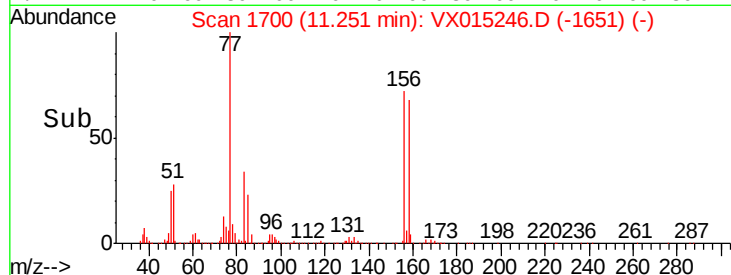
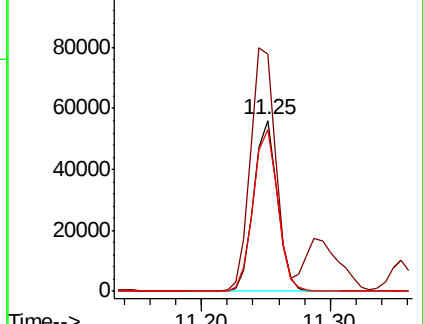
158 98.0 48.5 145.6



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 19.938 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. -0.00 min

Lab File: VX015246.D

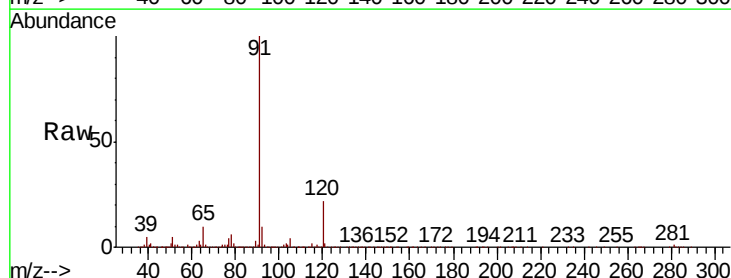
Acq: 13 Mar 2020 10:03

Tgt Ion: 91 Resp: 310741

Ion Ratio Lower Upper

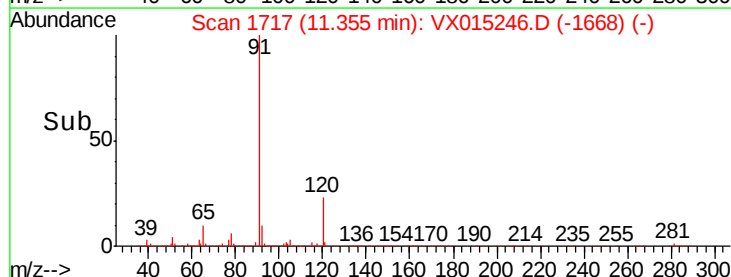
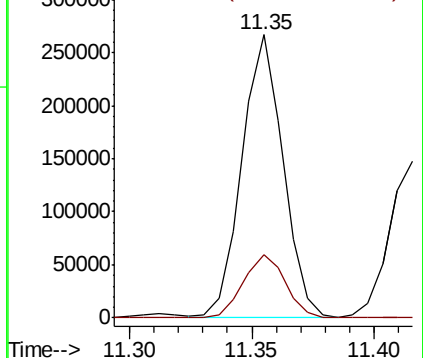
91 100

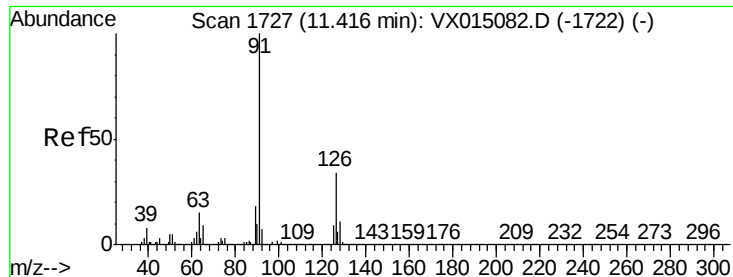
120 23.1 11.7 35.1



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 19.576 ug/l

RT: 11.42 min Scan# 1727

Delta R.T. -0.00 min

Lab File: VX015246.D

Acq: 13 Mar 2020 10:03

Instrument :

MSVOA_X

ClientSampleId :

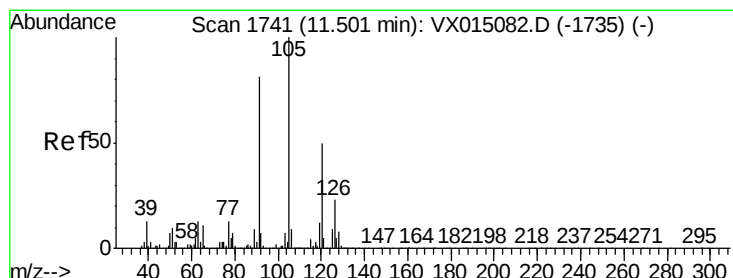
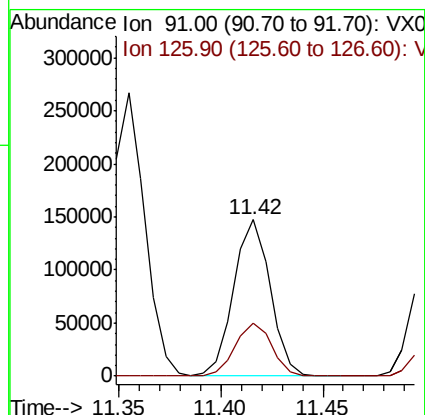
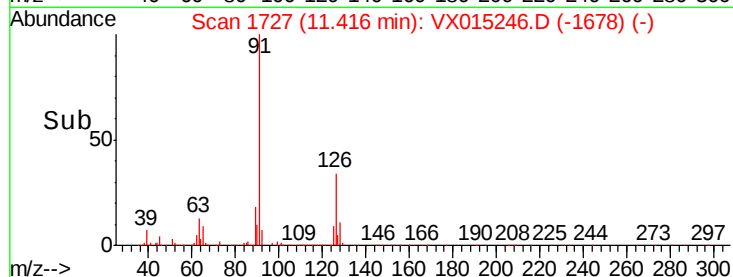
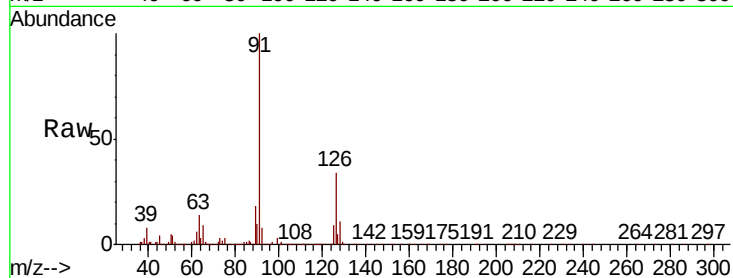
VX0313WBS01

Tot Ion: 91 Resp: 182202

Ion Ratio Lower Upper

91 100

126 34.4 17.3 52.0



#80

1,3,5-Trimethylbenzene

Concen: 19.815 ug/l

RT: 11.50 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VX015246.D

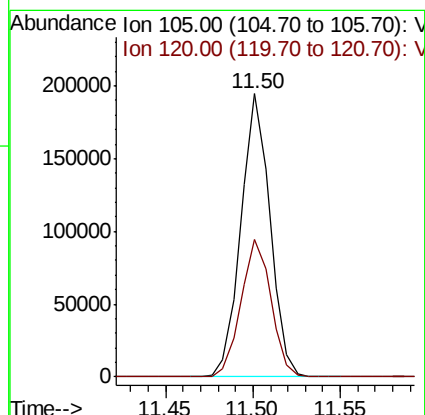
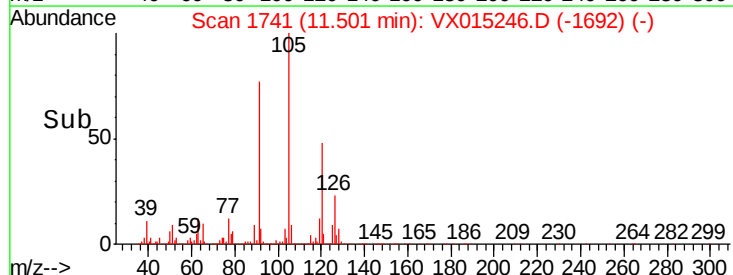
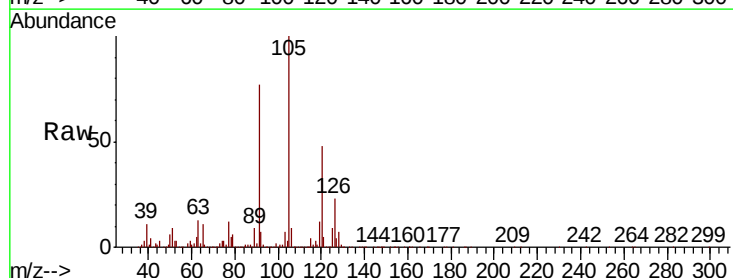
Acq: 13 Mar 2020 10:03

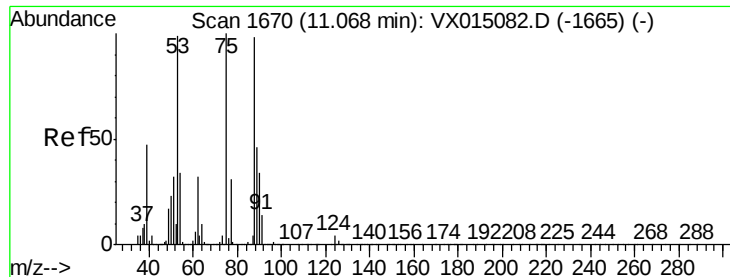
Tgt Ion: 105 Resp: 225022

Ion Ratio Lower Upper

105 100

120 50.3 25.1 75.4

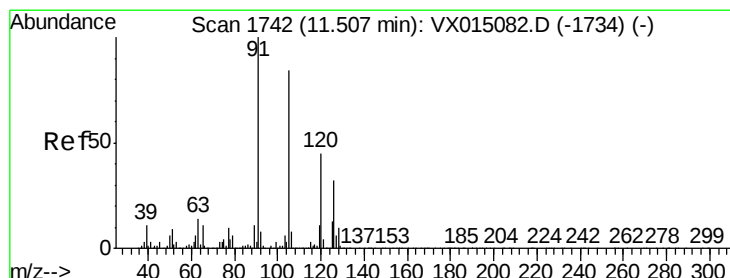
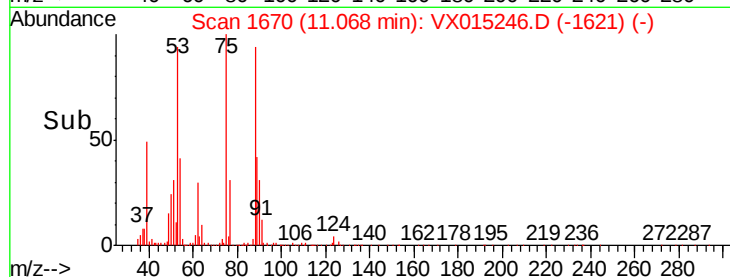
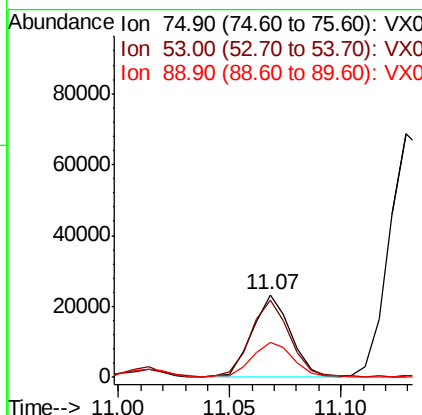
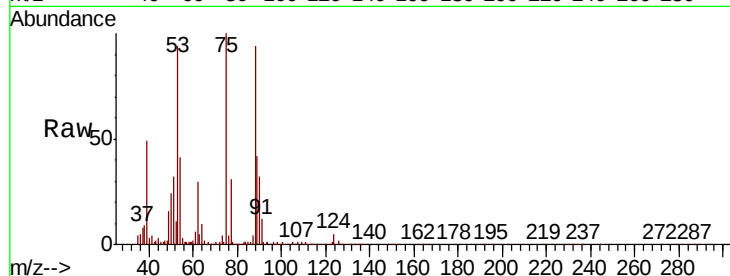




#81
trans-1,4-Dichloro-2-butene
Concen: 18.178 ug/l
RT: 11.07 min Scan# 1670
Delta R.T. -0.00 min
Lab File: VX015246.D
Acq: 13 Mar 2020 10:03

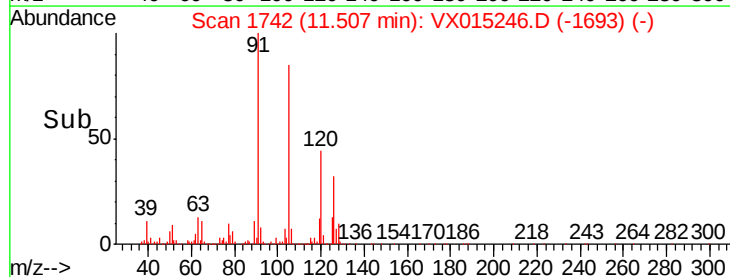
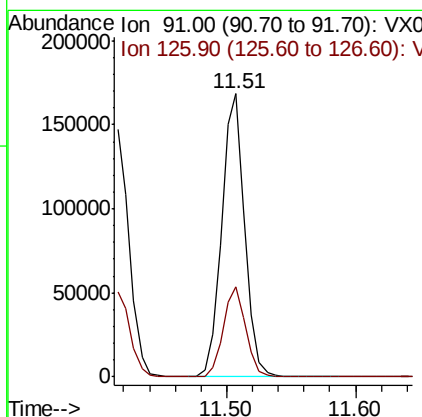
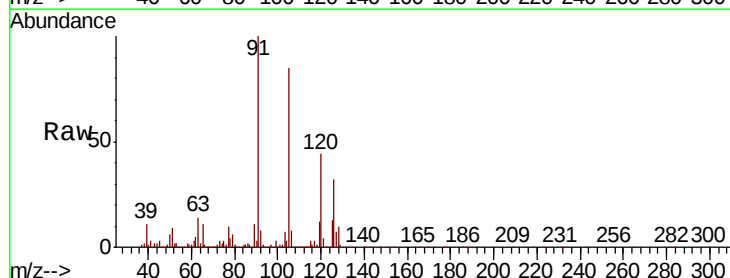
Instrument :
MSVOA_X
ClientSampleId :
VX0313WBS01

Tot Ion: 75 Resp: 27284
Ion Ratio Lower Upper
75 100
53 96.9 77.9 116.9
89 46.2 36.2 54.2



#82
4-Chlorotoluene
Concen: 19.127 ug/l
RT: 11.51 min Scan# 1742
Delta R.T. -0.00 min
Lab File: VX015246.D
Acq: 13 Mar 2020 10:03

Tgt Ion: 91 Resp: 210314
Ion Ratio Lower Upper
91 100
126 31.1 15.4 46.2

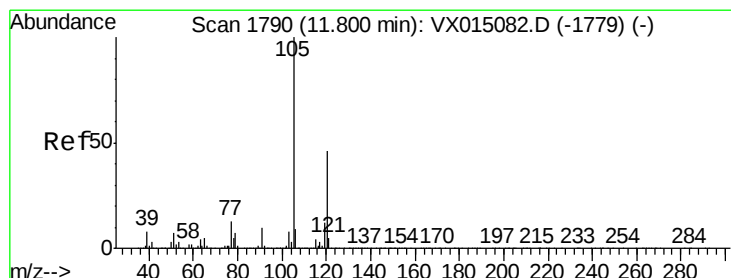
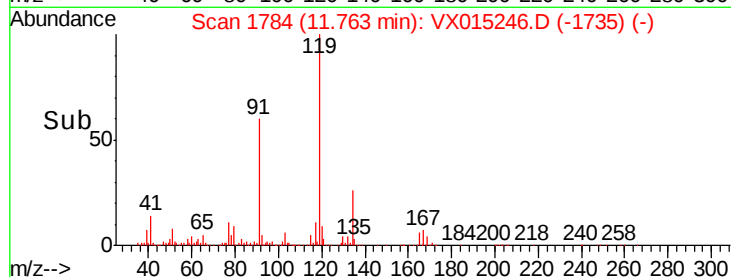
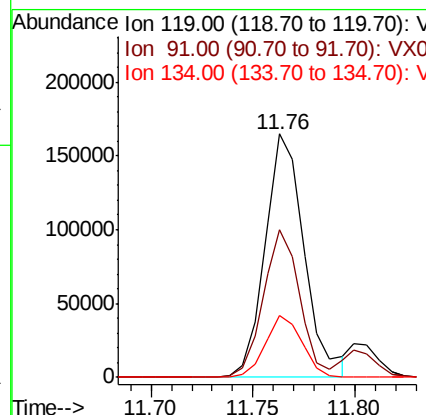
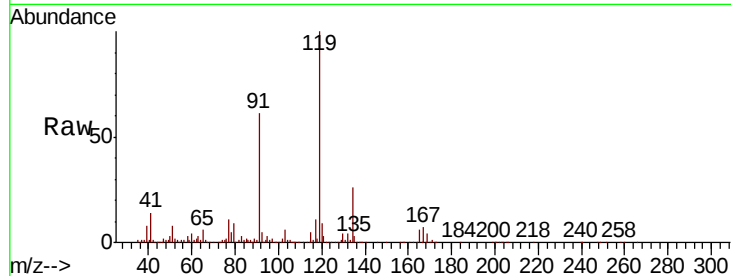




#83
tert-Butylbenzene
Concen: 20.060 ug/l
RT: 11.76 min Scan# 1784
Delta R.T. -0.00 min
Lab File: VX015246.D
Acq: 13 Mar 2020 10:03

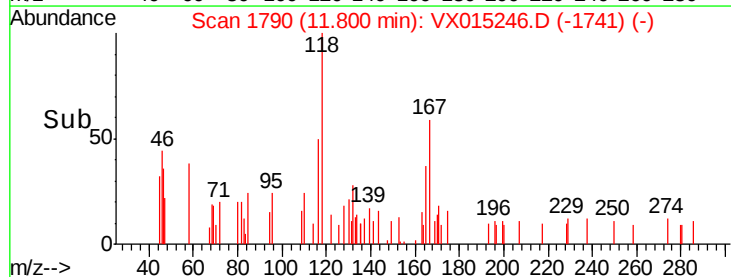
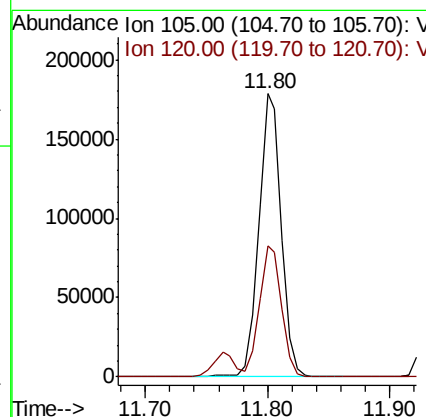
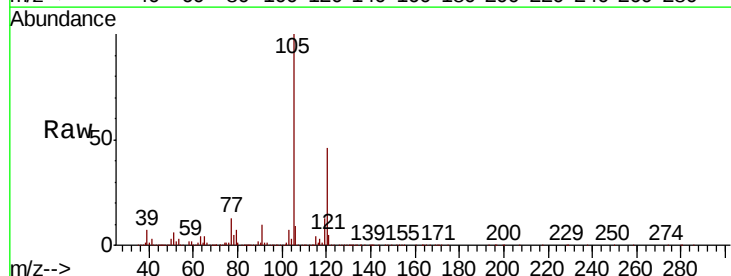
Instrument :
MSVOA_X
ClientSampleId :
VX0313WBS01

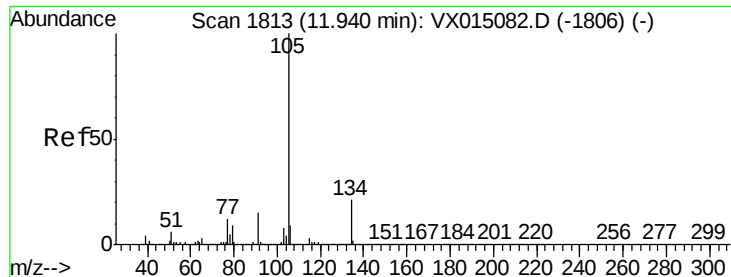
Tot Ion	Ratio	Lower	Upper
119	100		
91	56.2	28.5	85.6
134	24.1	11.9	35.7



#84
1,2,4-Trimethylbenzene
Concen: 19.973 ug/l
RT: 11.80 min Scan# 1790
Delta R.T. -0.00 min
Lab File: VX015246.D
Acq: 13 Mar 2020 10:03

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.8	22.9	68.5





#85

sec-Butylbenzene

Concen: 20.030 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. -0.00 min

Lab File: VX015246.D

Acq: 13 Mar 2020 10:03

Instrument :

MSVOA_X

ClientSampleId :

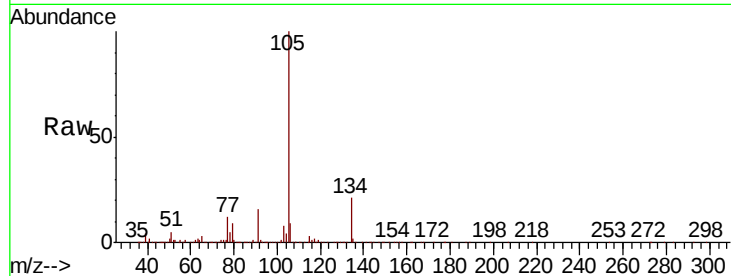
VX0313WBS01

Tot Ion:105 Resp: 265508

Ion Ratio Lower Upper

105 100

134 21.0 10.4 31.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

250000

200000

150000

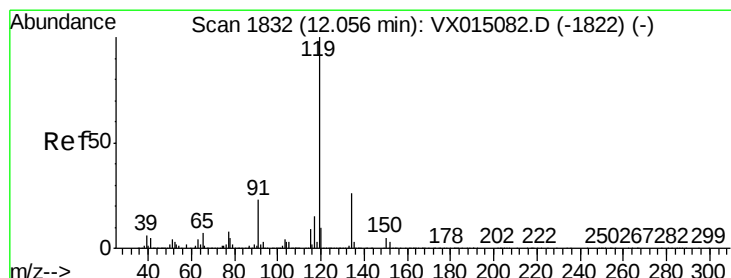
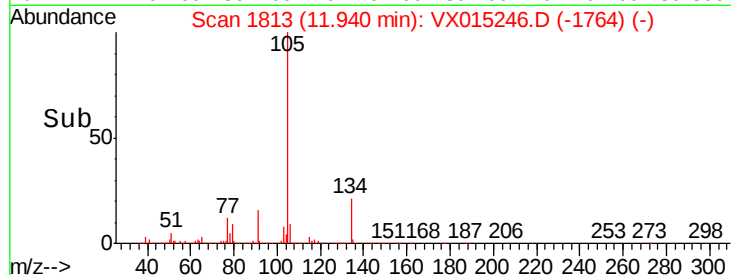
100000

50000

0

11.90 11.95 12.00

Time-->



#86

p-Isopropyltoluene

Concen: 20.245 ug/l

RT: 12.06 min Scan# 1833

Delta R.T. 0.01 min

Lab File: VX015246.D

Acq: 13 Mar 2020 10:03

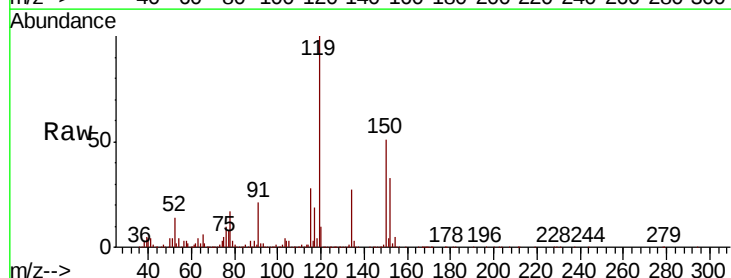
Tgt Ion:119 Resp: 247245

Ion Ratio Lower Upper

119 100

134 26.3 13.4 40.1

91 22.1 11.3 33.8



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

250000

200000

150000

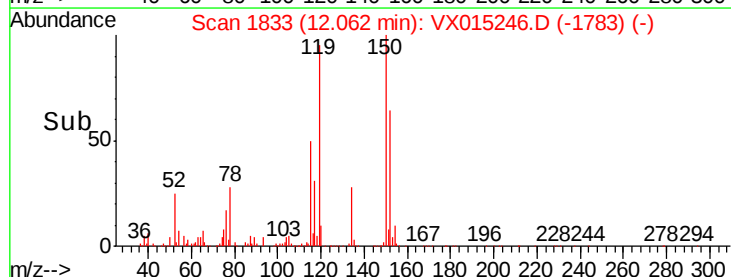
100000

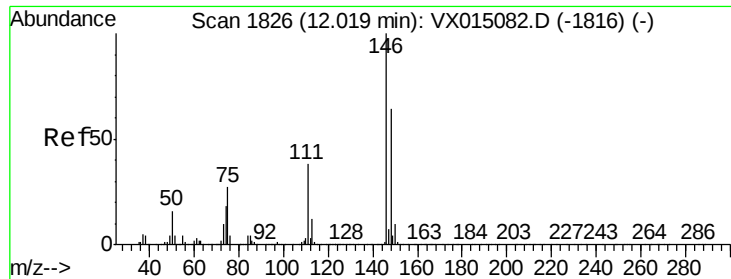
50000

0

12.00 12.10

Time-->





#87

1,3-Dichlorobenzene

Concen: 19.115 ug/l

RT: 12.02 min Scan# 1826

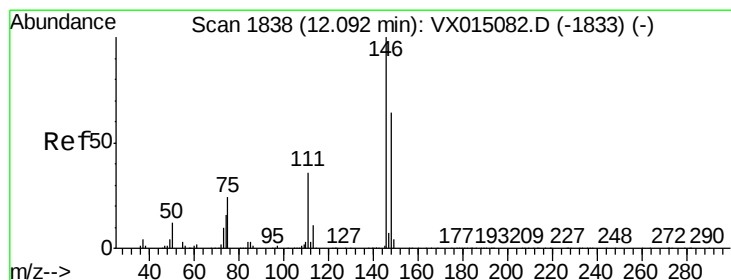
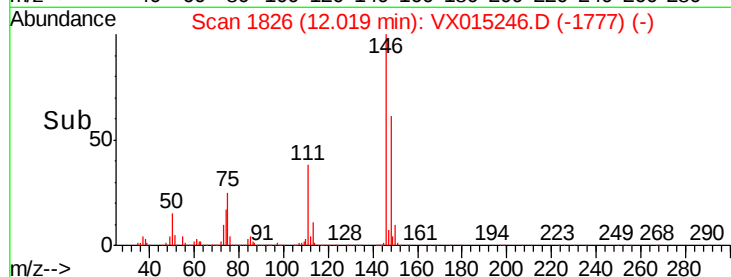
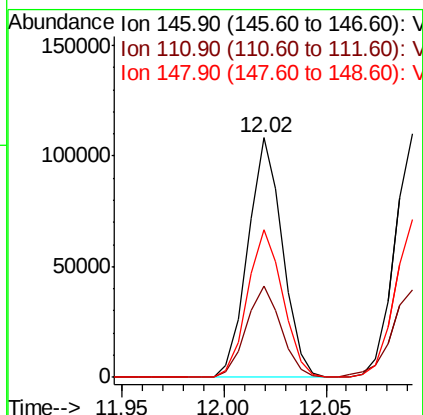
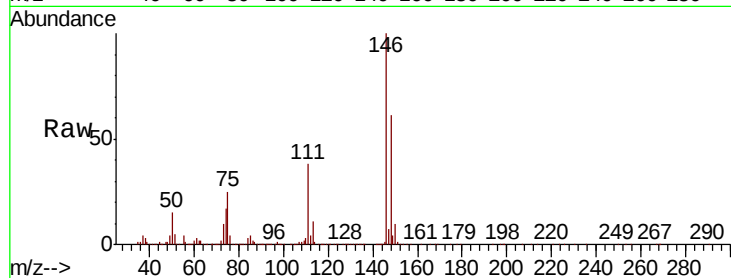
Delta R.T. -0.00 min

Lab File: VX015246.D

Acq: 13 Mar 2020 10:03

Instrument :
MSVOA_X
ClientSampled :
VX0313WBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.4	19.1	57.1
148	63.2	31.9	95.5



#88

1,4-Dichlorobenzene

Concen: 18.523 ug/l

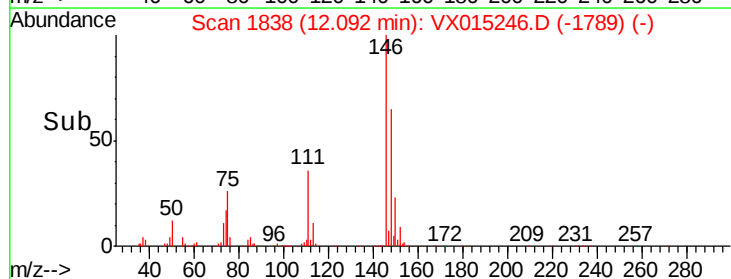
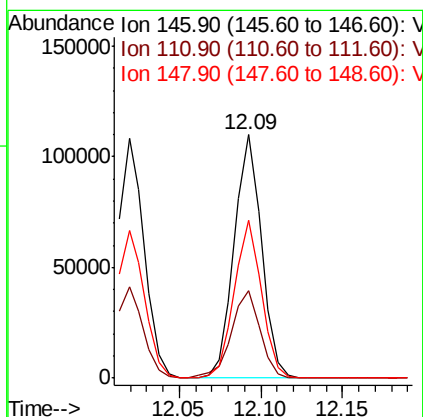
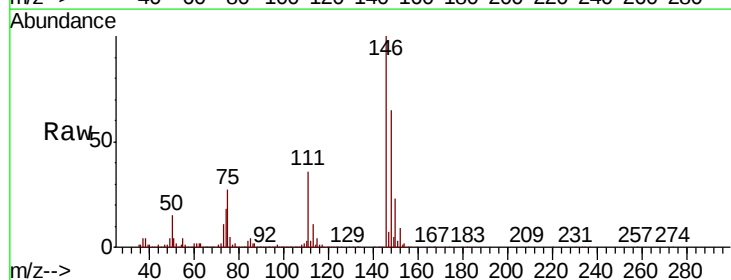
RT: 12.09 min Scan# 1838

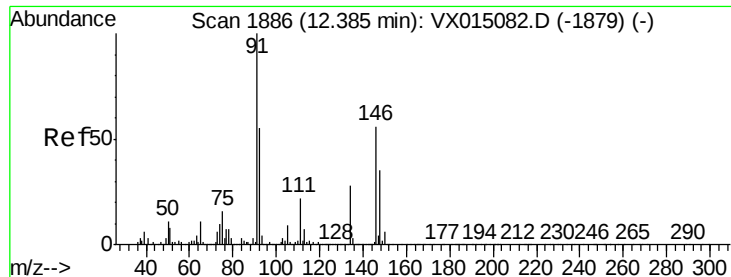
Delta R.T. -0.00 min

Lab File: VX015246.D

Acq: 13 Mar 2020 10:03

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.8	18.7	56.1
148	64.4	32.5	97.4





#89

n-Butylbenzene

Concen: 19.726 ug/l

RT: 12.38 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX015246.D

Acq: 13 Mar 2020 10:03

Instrument :

MSVOA_X

ClientSampleId :

VX0313WBS01

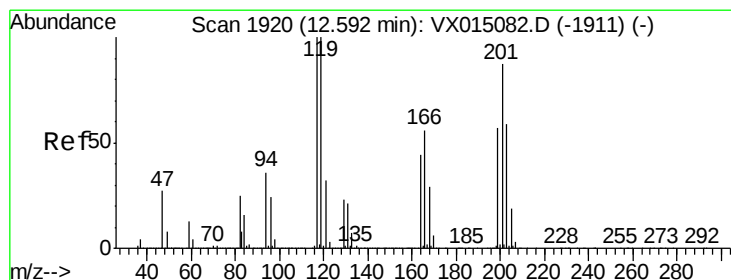
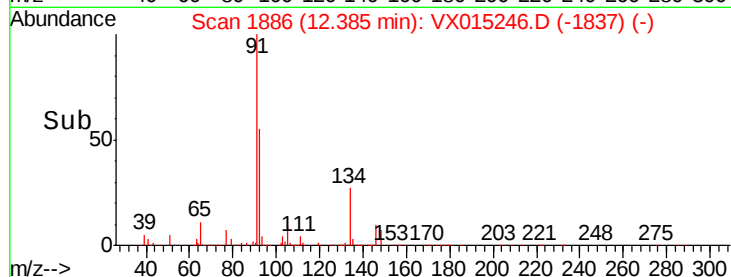
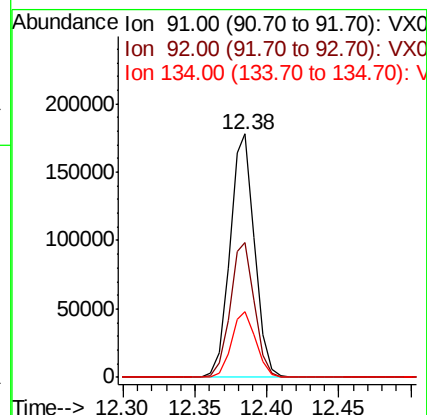
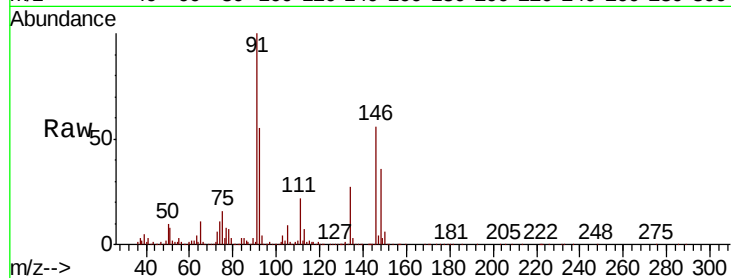
Tot Ion: 91 Resp: 214262

Ion Ratio Lower Upper

91 100

92 54.9 27.2 81.6

134 26.7 13.5 40.5



#90

Hexachloroethane

Concen: 17.618 ug/l

RT: 12.59 min Scan# 1920

Delta R.T. -0.00 min

Lab File: VX015246.D

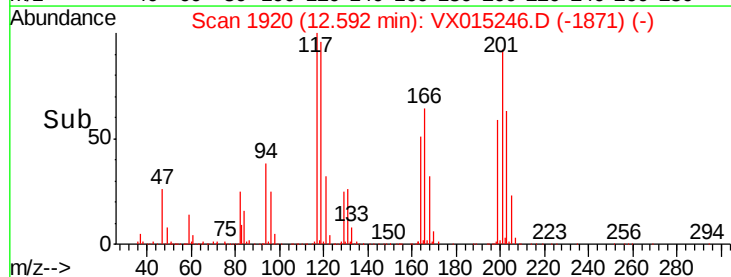
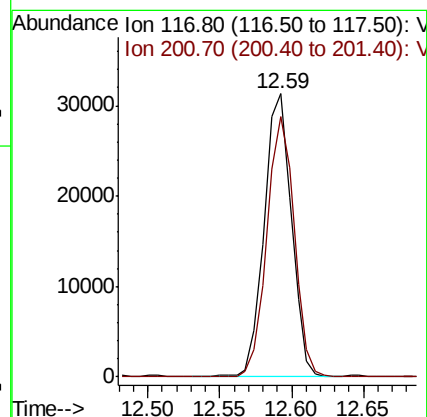
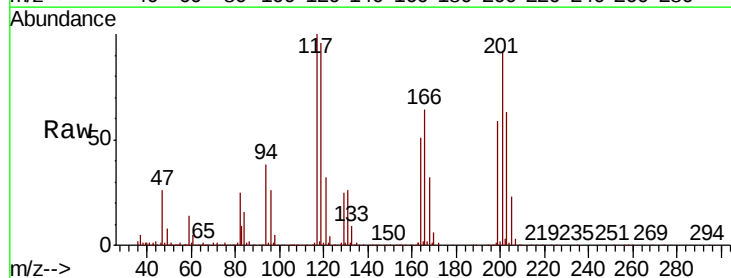
Acq: 13 Mar 2020 10:03

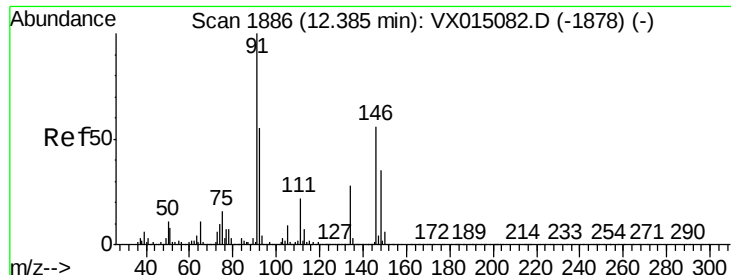
Tgt Ion: 117 Resp: 40677

Ion Ratio Lower Upper

117 100

201 92.6 43.5 130.7





#91

1,2-Dichlorobenzene

Concen: 18.784 ug/l

RT: 12.38 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX015246.D

Acq: 13 Mar 2020 10:03

Instrument :

MSVOA_X

ClientSampleId :

VX0313WBS01

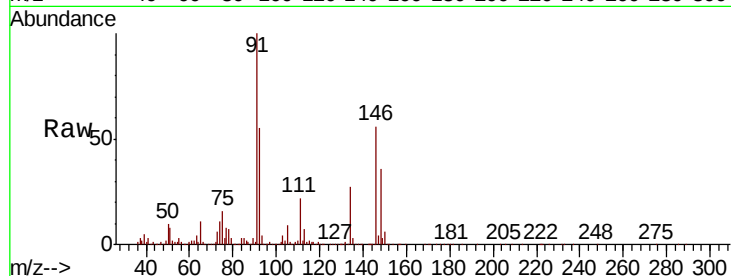
Tot Ion:146 Resp: 124809

Ion Ratio Lower Upper

146 100

111 40.1 19.9 59.7

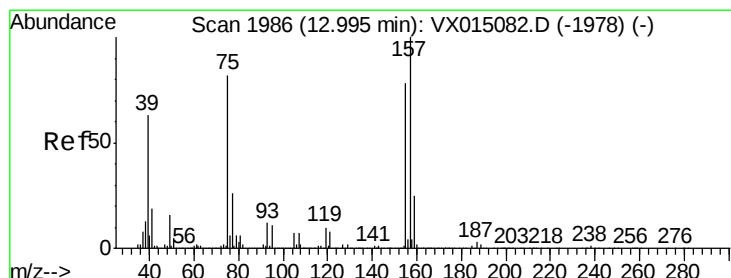
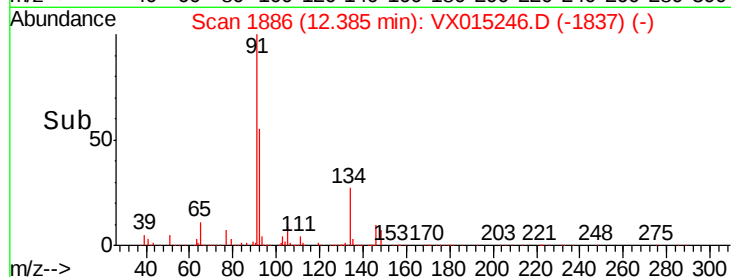
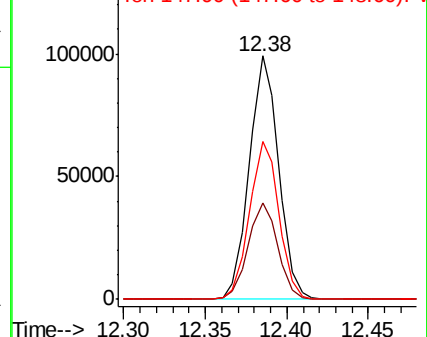
148 65.3 32.3 96.8



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 18.617 ug/l

RT: 12.99 min Scan# 1986

Delta R.T. -0.00 min

Lab File: VX015246.D

Acq: 13 Mar 2020 10:03

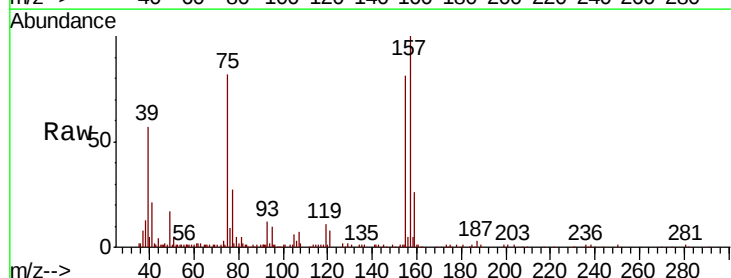
Tgt Ion: 75 Resp: 16948

Ion Ratio Lower Upper

75 100

155 97.5 46.6 139.7

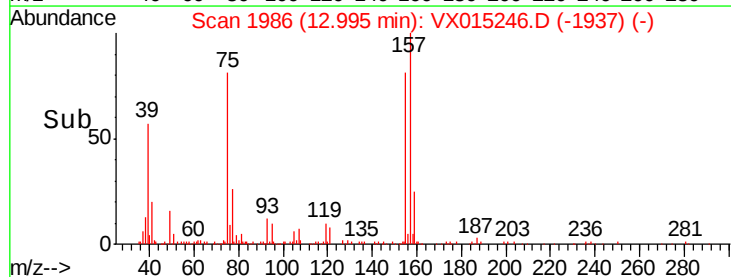
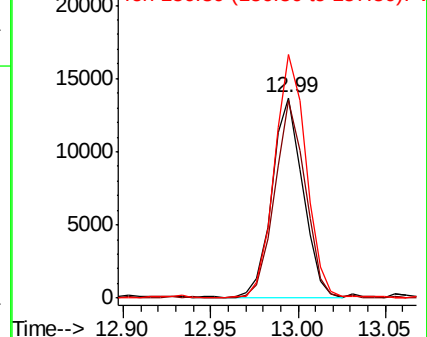
157 123.3 59.2 177.5

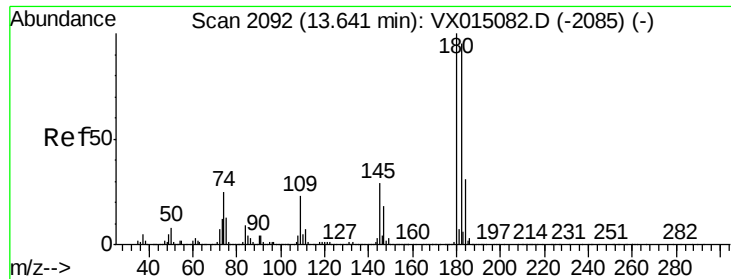


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

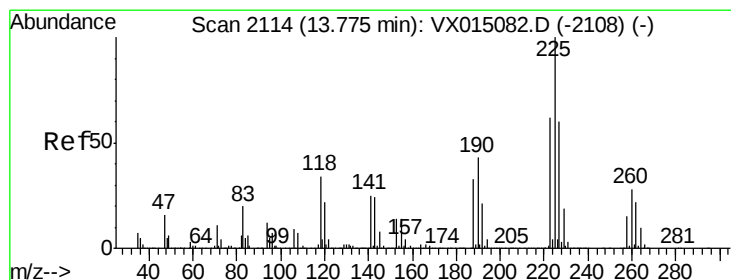
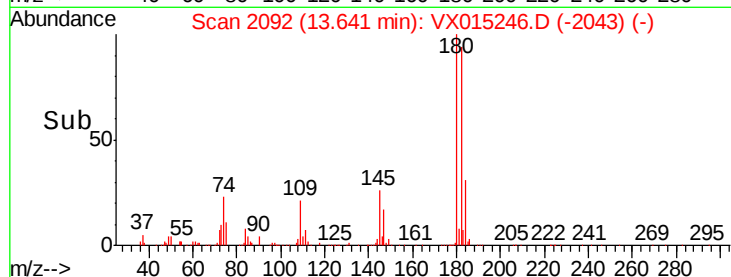
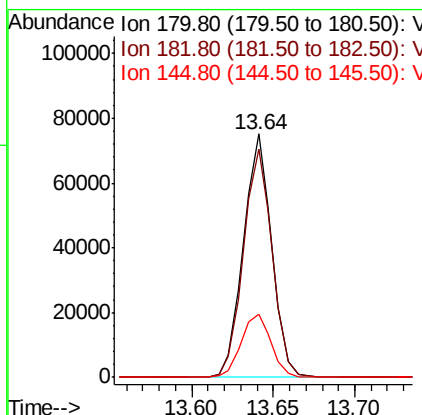
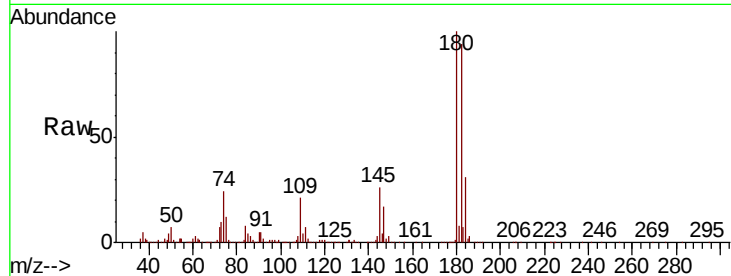




#93
 1,2,4-Trichlorobenzene
 Concen: 19.648 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. -0.00 min
 Lab File: VX015246.D
 Acq: 13 Mar 2020 10:03

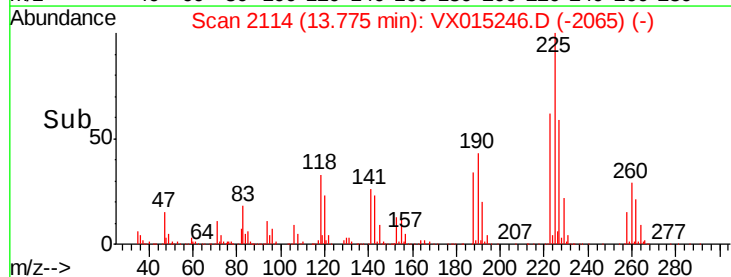
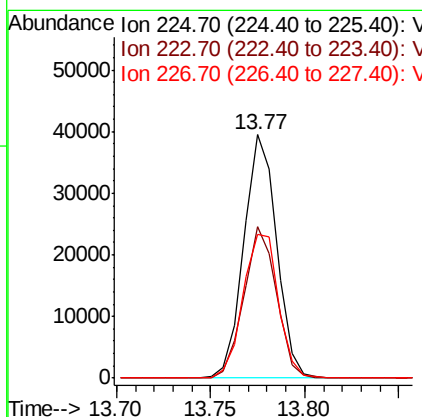
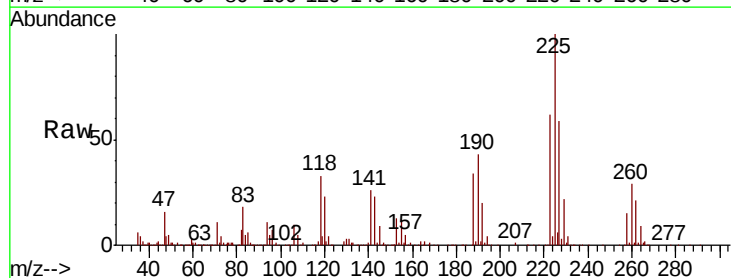
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0313WBS01

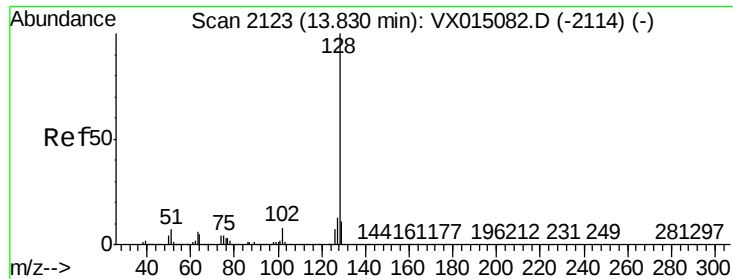
Tot Ion	Ratio	Lower	Upper
180	100		
182	95.6	47.6	142.8
145	27.4	14.1	42.2



#94
 Hexachlorobutadiene
 Concen: 20.175 ug/l
 RT: 13.77 min Scan# 2114
 Delta R.T. -0.00 min
 Lab File: VX015246.D
 Acq: 13 Mar 2020 10:03

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.6	31.3	93.9
227	64.0	31.1	93.2

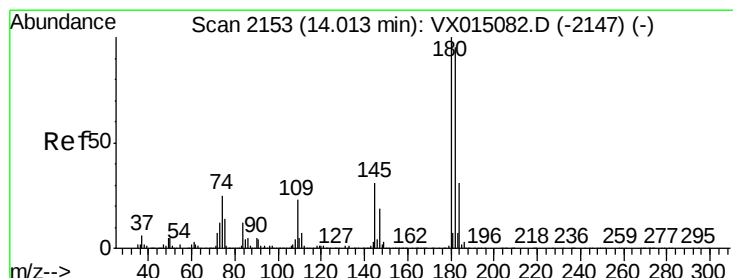
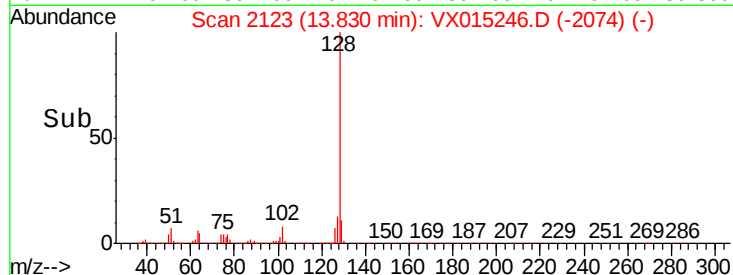
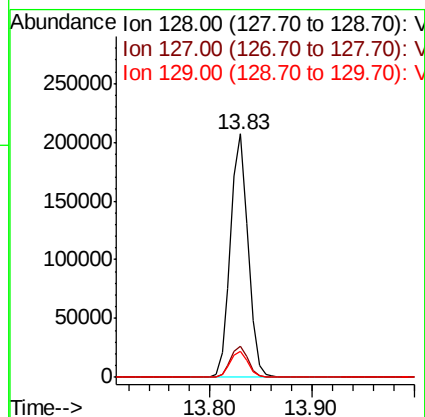
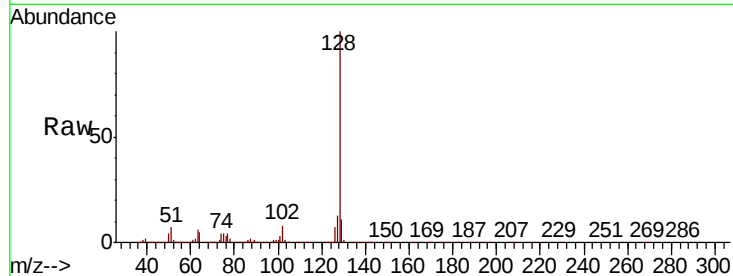




#95
Naphthalene
Concen: 18.371 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. 0.00 min
Lab File: VX015246.D
Acq: 13 Mar 2020 10:03

Instrument :
MSVOA_X
ClientSampled :
VX0313WBS01

Tot Ion:128 Resp: 246616
Ion Ratio Lower Upper
128 100
127 13.0 10.3 15.5
129 11.2 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 19.979 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. -0.00 min
Lab File: VX015246.D
Acq: 13 Mar 2020 10:03

Tgt Ion:180 Resp: 91941
Ion Ratio Lower Upper
180 100
182 95.2 47.8 143.4
145 30.6 15.1 45.3

