

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061920\
 Data File : VX016883.D
 Acq On : 19 Jun 2020 16:37
 Operator : JC/SP
 Sample : VX0619WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0619WBSD01

Quant Time: Jun 22 01:38:17 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061820W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 19 12:07:48 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	244777	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	367859	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	346678	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	183763	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	145357	49.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.76%	
35) Dibromofluoromethane	5.47	113	125866	53.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.98%	
50) Toluene-d8	8.70	98	457741	48.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.24%	
62) 4-Bromofluorobenzene	11.12	95	176370	48.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.78%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	73316	24.407	ug/l	100
3) Chloromethane	1.31	50	65217	21.411	ug/l	100
4) Vinyl Chloride	1.39	62	76246	22.210	ug/l	98
5) Bromomethane	1.63	94	51039	24.692	ug/l	97
6) Chloroethane	1.72	64	43876	20.752	ug/l	98
7) Trichlorofluoromethane	1.92	101	103098	21.468	ug/l	98
8) Diethyl Ether	2.17	74	38624	20.685	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.37	101	54906	21.464	ug/l	97
10) Methyl Iodide	2.49	142	47543	19.523	ug/l	99
11) Tert butyl alcohol	3.01	59	59726	120.012	ug/l	99
12) 1,1-Dichloroethene	2.36	96	54504	20.837	ug/l	98
13) Acrolein	2.27	56	28964	95.992	ug/l	100
14) Allyl chloride	2.71	41	73635	21.282	ug/l	98
15) Acrylonitrile	3.12	53	132852	116.491	ug/l	99
16) Acetone	2.42	43	125286	117.234	ug/l	97
17) Carbon Disulfide	2.55	76	148699	21.997	ug/l	99
18) Methyl Acetate	2.75	43	66816	24.587	ug/l	98
19) Methyl tert-butyl Ether	3.17	73	168086	22.548	ug/l	99
20) Methylene Chloride	2.84	84	55593	21.692	ug/l	98
21) trans-1,2-Dichloroethene	3.14	96	53618	21.715	ug/l	99
22) Diisopropyl ether	3.82	45	150850	22.755	ug/l	98
23) Vinyl Acetate	3.79	43	603600	110.421	ug/l	99
24) 1,1-Dichloroethane	3.67	63	86940	20.995	ug/l	98
25) 2-Butanone	4.64	43	159174	108.224	ug/l	99
26) 2,2-Dichloropropane	4.55	77	81430	20.990	ug/l	100
27) cis-1,2-Dichloroethene	4.57	96	56399	20.322	ug/l	98
28) Bromochloromethane	4.98	49	36042	20.971	ug/l	96
29) Tetrahydrofuran	5.09	42	101228	109.283	ug/l	99
30) Chloroform	5.18	83	92824	21.233	ug/l	99
31) Cyclohexane	5.55	56	75955	20.864	ug/l	97
32) 1,1,1-Trichloroethane	5.46	97	89946	21.738	ug/l	99
36) 1,1-Dichloropropene	5.77	75	66130	19.470	ug/l	100
37) Ethyl Acetate	4.79	43	63013	20.997	ug/l	100
38) Carbon Tetrachloride	5.76	117	76987	20.201	ug/l	99

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 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061820W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 19 12:07:48 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	80741	20.444	ug/l	95
40) Benzene	6.12	78	203699	19.987	ug/l	97
41) Methacrylonitrile	5.01	41	35405	21.731	ug/l	99
42) 1,2-Dichloroethane	6.17	62	73232	20.193	ug/l	98
43) Isopropyl Acetate	6.42	43	110730	21.129	ug/l	100
44) Trichloroethene	7.19	130	61213	19.612	ug/l	98
45) 1,2-Dichloropropane	7.49	63	51590	20.136	ug/l	93
46) Dibromomethane	7.64	93	36515	21.016	ug/l	99
47) Bromodichloromethane	7.88	83	81297	22.000	ug/l	98
48) Methyl methacrylate	7.74	41	51577	20.900	ug/l	97
49) 1,4-Dioxane	7.71	88	26494	479.603	ug/l	98
51) 4-Methyl-2-Pentanone	8.62	43	312382	99.104	ug/l	99
52) Toluene	8.77	92	131198	19.405	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	85243	20.983	ug/l	99
54) cis-1,3-Dichloropropene	8.42	75	87190	20.062	ug/l	99
55) 1,1,2-Trichloroethane	9.20	97	64256	25.172	ug/l	99
56) Ethyl methacrylate	9.16	69	77609	21.001	ug/l	99
57) 1,3-Dichloropropane	9.35	76	101248	23.397	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	169457	98.550	ug/l	100
59) 2-Hexanone	9.47	43	245386	107.502	ug/l	99
60) Dibromochloromethane	9.57	129	74006	24.167	ug/l	100
61) 1,2-Dibromoethane	9.65	107	63773	23.021	ug/l	100
64) Tetrachloroethene	9.32	164	74279	23.138	ug/l	97
65) Chlorobenzene	10.12	112	143080	20.381	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	56384	20.724	ug/l	99
67) Ethyl Benzene	10.24	91	243583	20.565	ug/l	98
68) m/p-Xylenes	10.34	106	189794	41.178	ug/l	100
69) o-Xylene	10.68	106	90289	21.185	ug/l	98
70) Styrene	10.70	104	158032	21.823	ug/l	100
71) Bromoform	10.84	173	48083	21.020	ug/l #	99
73) Isopropylbenzene	11.00	105	246223	20.811	ug/l	100
74) N-amyl acetate	10.88	43	88955	21.531	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	88361	26.448	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	112602	33.551	ug/l	86
77) Bromobenzene	11.24	156	80711	25.013	ug/l	98
78) n-propylbenzene	11.34	91	322333	24.411	ug/l	99
79) 2-Chlorotoluene	11.40	91	197347	24.427	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	239799	23.490	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.05	75	26412	19.272	ug/l	97
82) 4-Chlorotoluene	11.49	91	220758	22.777	ug/l	99
83) tert-Butylbenzene	11.76	119	197775	19.581	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	215997	20.540	ug/l	100
85) sec-Butylbenzene	11.93	105	231222	19.711	ug/l	99
86) p-Isopropyltoluene	12.05	119	224529	20.891	ug/l	100
87) 1,3-Dichlorobenzene	12.01	146	118053	20.025	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	119703	20.078	ug/l	99
89) n-Butylbenzene	12.37	91	184730	20.043	ug/l	99
90) Hexachloroethane	12.58	117	39412	20.357	ug/l	99
91) 1,2-Dichlorobenzene	12.38	146	114728	20.159	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	12.98	75	16422	20.731	ug/l	99

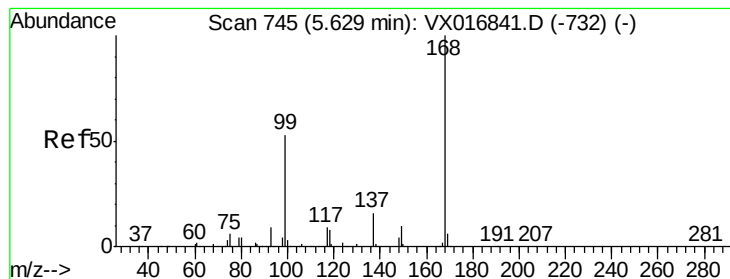
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Quant Title : SW846 8260
QLast Update : Fri Jun 19 12:07:48 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	80000	20.934	ug/l	99
94) Hexachlorobutadiene	13.76	225	36801	21.340	ug/l	99
95) Naphthalene	13.82	128	255292	22.754	ug/l	100
96) 1,2,3-Trichlorobenzene	14.00	180	79177	20.775	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. 0.00 min

Lab File: VX016883.D

Acq: 19 Jun 2020 16:37

Instrument :

MSVOA_X

ClientSampleId :

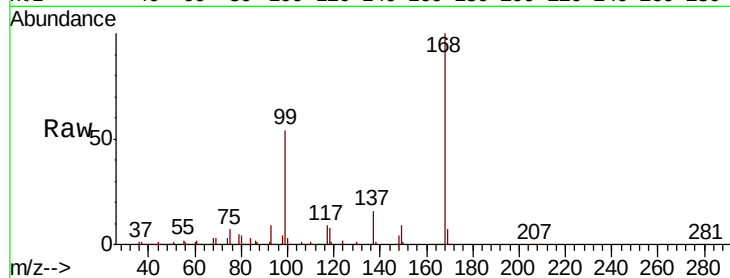
VX0619WBSD01

Tot Ion:168 Resp: 244777

Ion Ratio Lower Upper

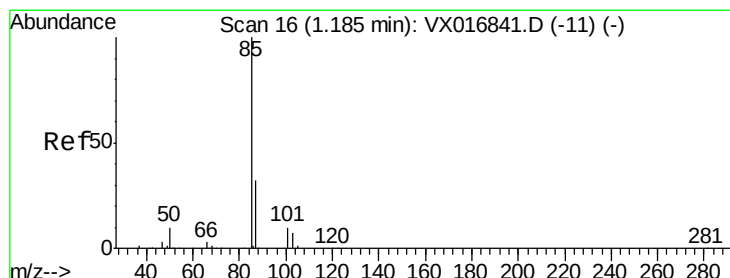
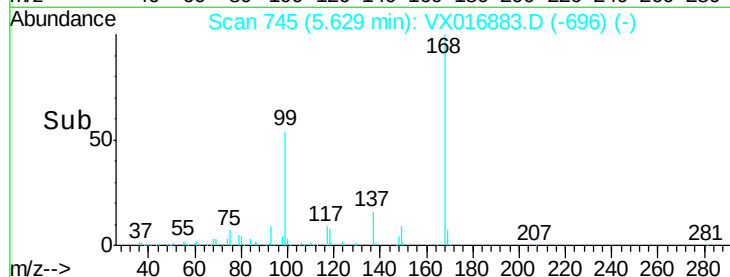
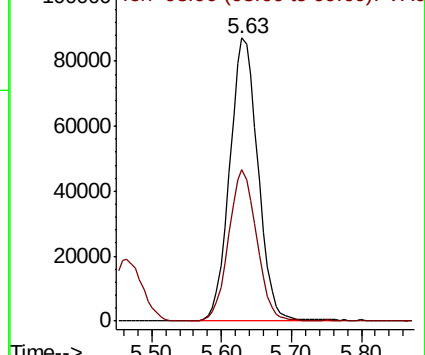
168 100

99 53.6 42.2 63.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 24.407 ug/l

RT: 1.18 min Scan# 16

Delta R.T. 0.00 min

Lab File: VX016883.D

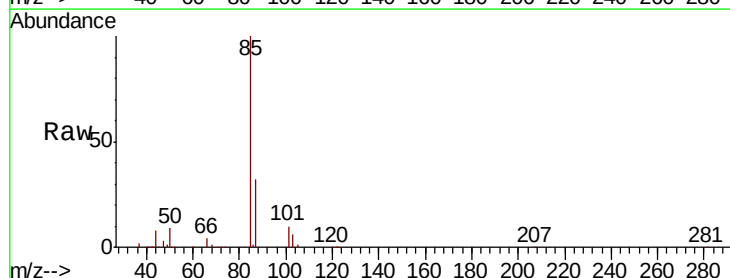
Acq: 19 Jun 2020 16:37

Tgt Ion: 85 Resp: 73316

Ion Ratio Lower Upper

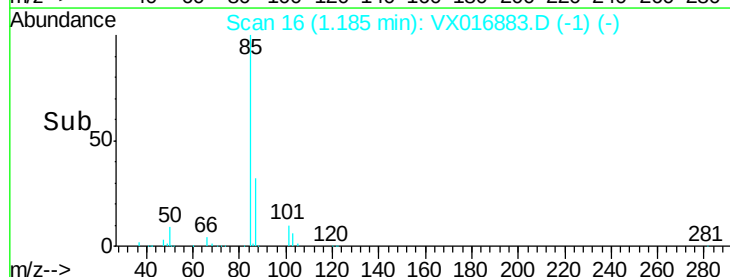
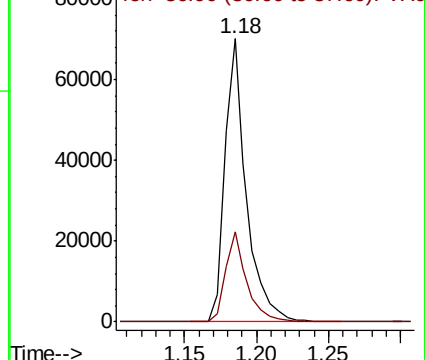
85 100

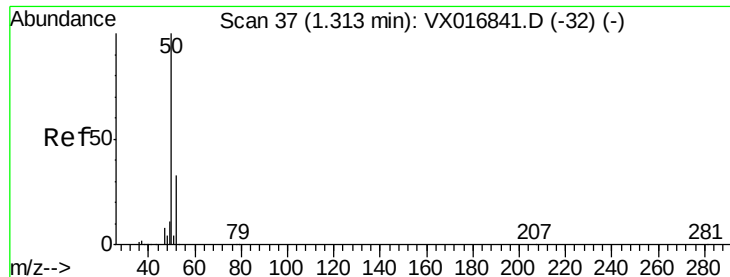
87 31.9 16.0 47.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 21.411 ug/l

RT: 1.31 min Scan# 37

Delta R.T. 0.00 min

Lab File: VX016883.D

Acq: 19 Jun 2020 16:37

Instrument :

MSVOA_X

ClientSampleId :

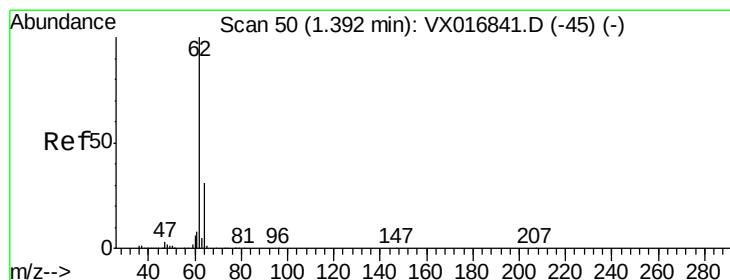
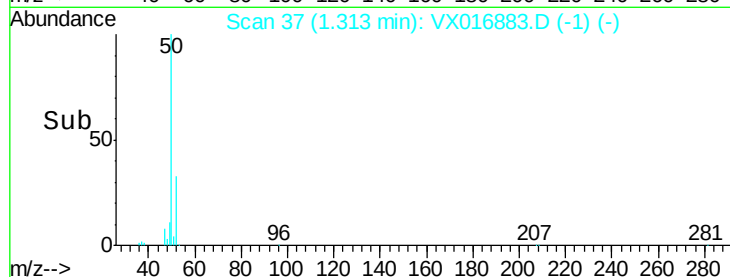
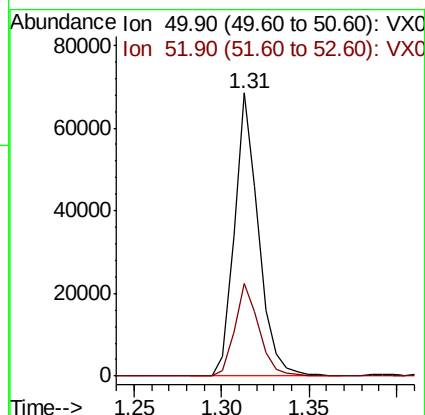
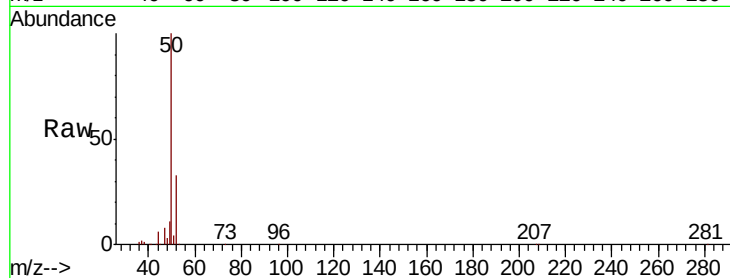
VX0619WBSD01

Tot Ion: 50 Resp: 65217

Ion Ratio Lower Upper

50 100

52 32.9 26.1 39.1



#4

Vinyl Chloride

Concen: 22.210 ug/l

RT: 1.39 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX016883.D

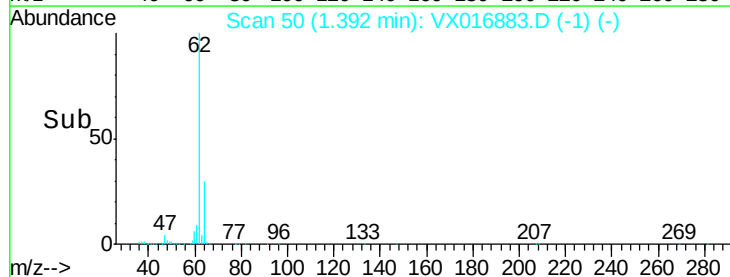
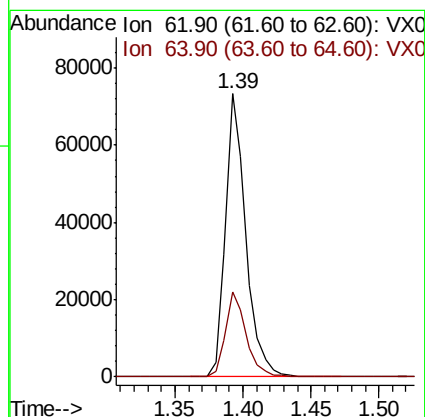
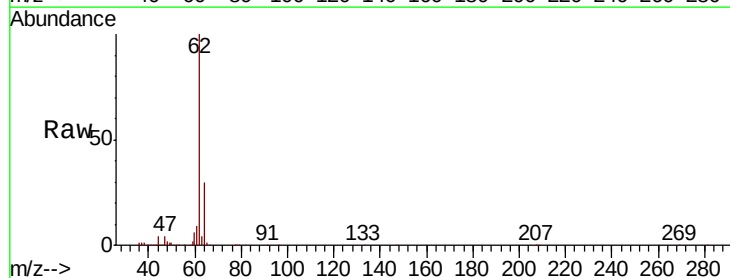
Acq: 19 Jun 2020 16:37

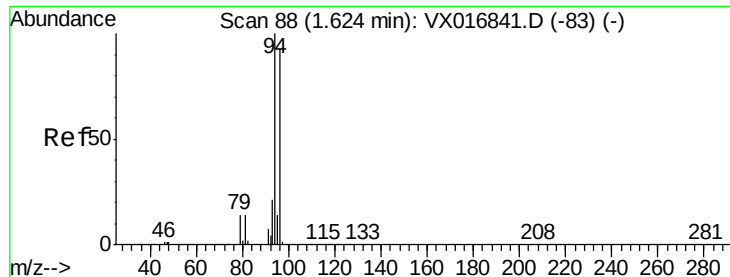
Tgt Ion: 62 Resp: 76246

Ion Ratio Lower Upper

62 100

64 30.1 25.0 37.4





#5

Bromomethane

Concen: 24.692 ug/l

RT: 1.63 min Scan# 89

Delta R.T. 0.01 min

Lab File: VX016883.D

Acq: 19 Jun 2020 16:37

Instrument :

MSVOA_X

ClientSampleId :

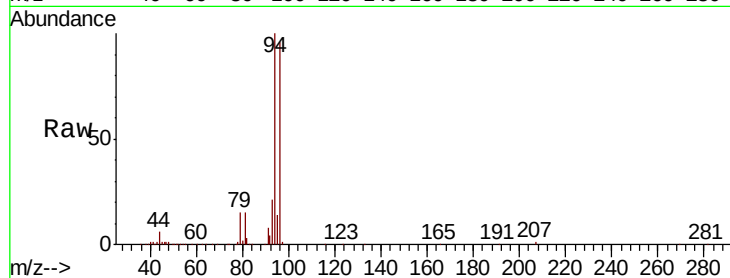
VX0619WBSD01

Tot Ion: 94 Resp: 51039

Ion Ratio Lower Upper

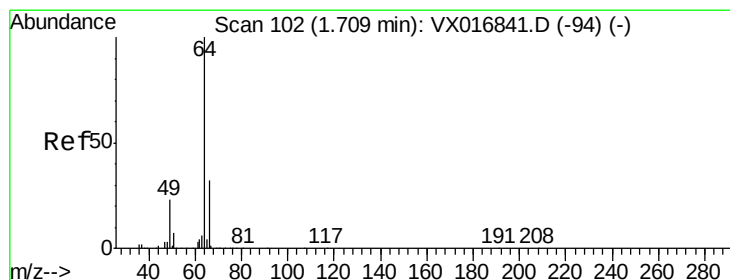
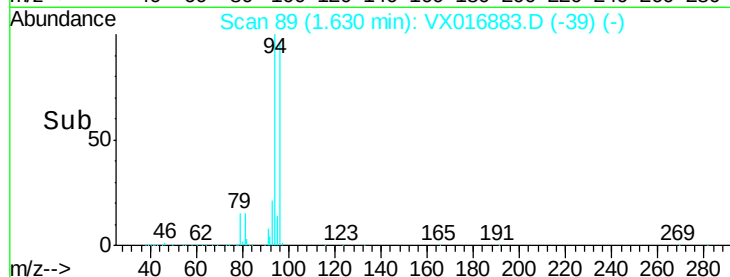
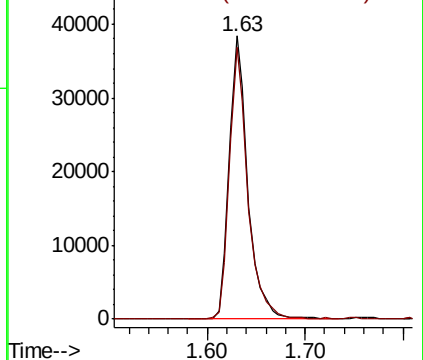
94 100

96 95.9 74.4 111.6



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 20.752 ug/l

RT: 1.72 min Scan# 103

Delta R.T. 0.01 min

Lab File: VX016883.D

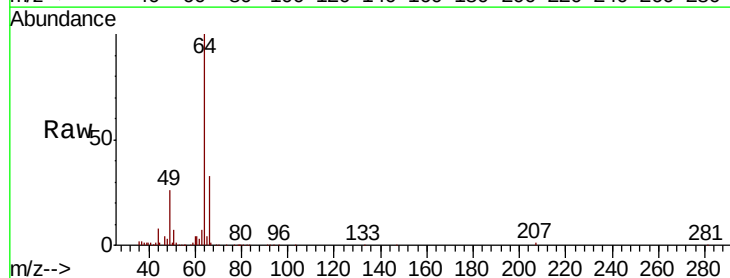
Acq: 19 Jun 2020 16:37

Tgt Ion: 64 Resp: 43876

Ion Ratio Lower Upper

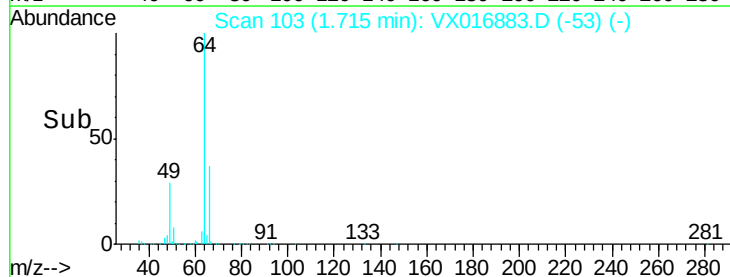
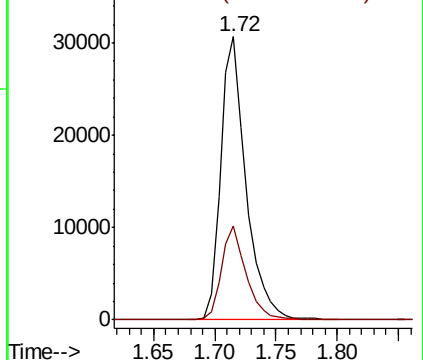
64 100

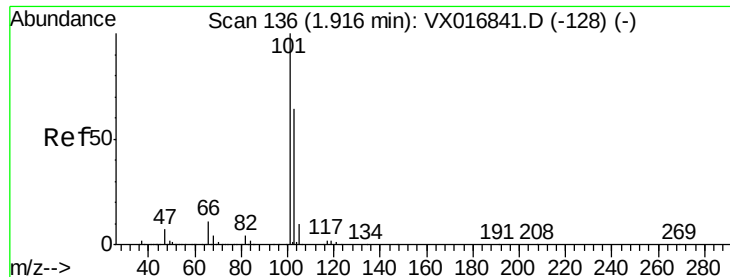
66 33.0 25.7 38.5



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



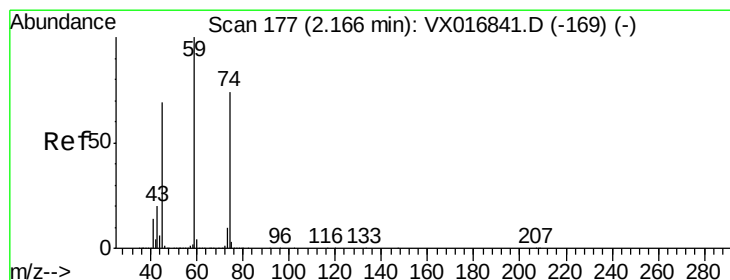
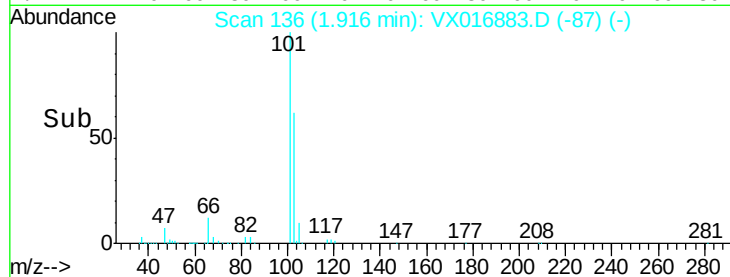
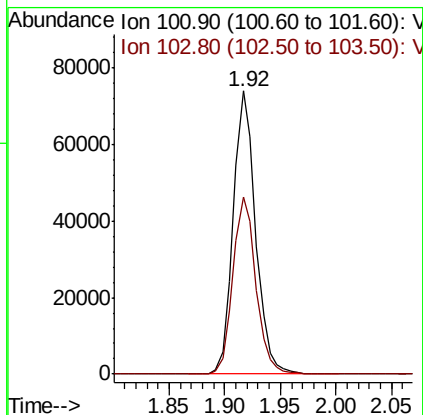
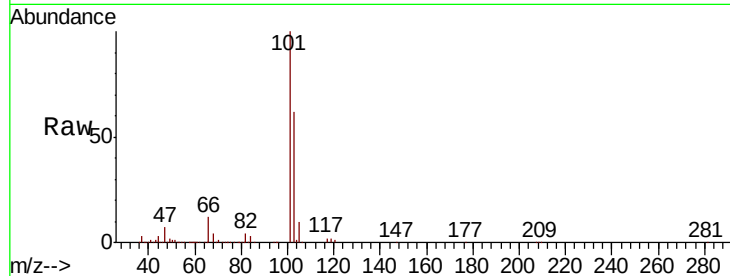


#7

Trichlorofluoromethane
Concen: 21.468 ug/l
RT: 1.92 min Scan# 136
Delta R.T. 0.00 min
Lab File: VX016883.D
Acq: 19 Jun 2020 16:37

Instrument :
MSVOA_X
ClientSampleId :
VX0619WBSD01

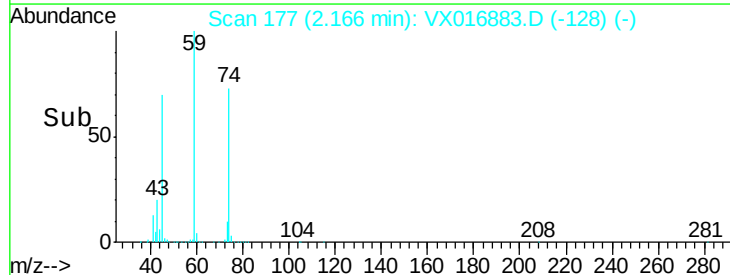
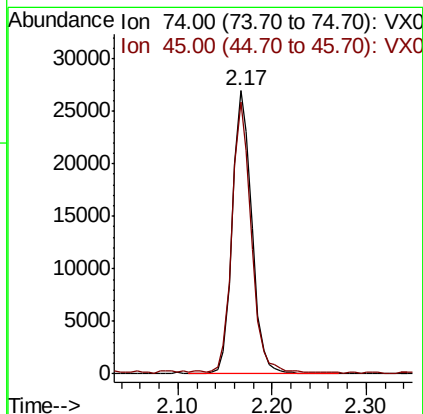
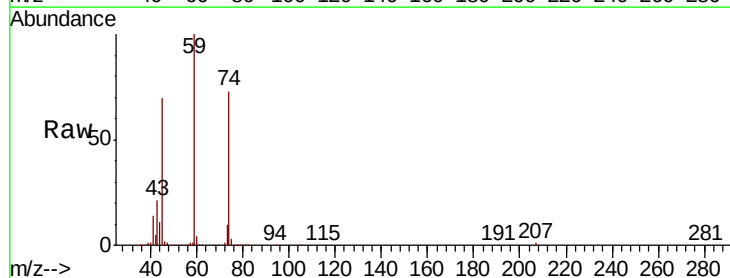
Tot Ion:101 Resp: 103098
Ion Ratio Lower Upper
101 100
103 62.5 51.2 76.8

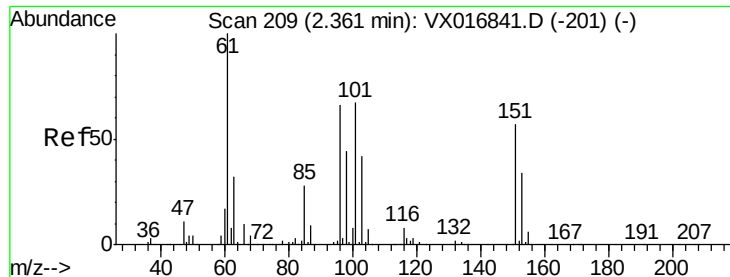


#8

Diethyl Ether
Concen: 20.685 ug/l
RT: 2.17 min Scan# 177
Delta R.T. 0.00 min
Lab File: VX016883.D
Acq: 19 Jun 2020 16:37

Tgt Ion: 74 Resp: 38624
Ion Ratio Lower Upper
74 100
45 94.0 45.3 135.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 21.464 ug/l

RT: 2.37 min Scan# 210

Delta R.T. 0.01 min

Lab File: VX016883.D

Acq: 19 Jun 2020 16:37

Instrument :

MSVOA_X

ClientSampleId :

VX0619WBSD01

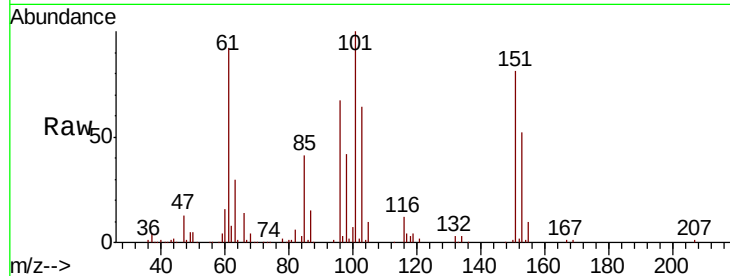
Tot Ion:101 Resp: 54906

Ion Ratio Lower Upper

101 100

85 43.3 34.3 51.5

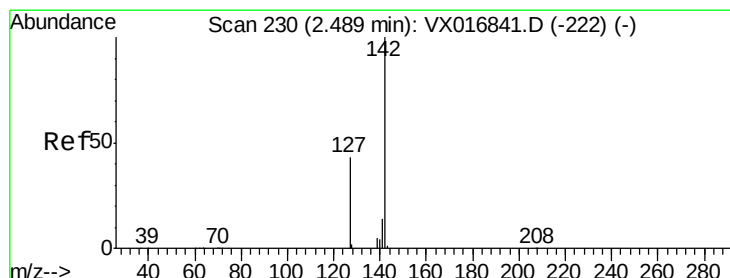
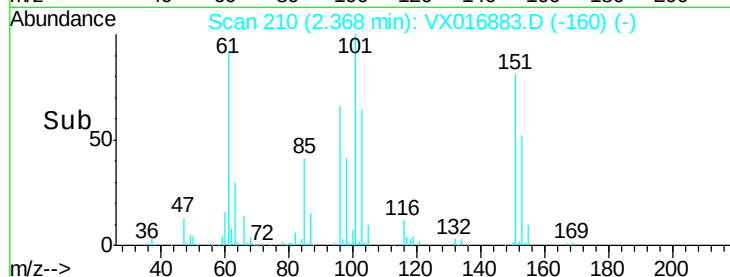
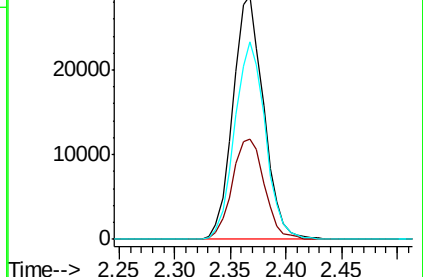
151 81.0 67.6 101.4



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: 19.523 ug/l

RT: 2.49 min Scan# 230

Delta R.T. 0.00 min

Lab File: VX016883.D

Acq: 19 Jun 2020 16:37

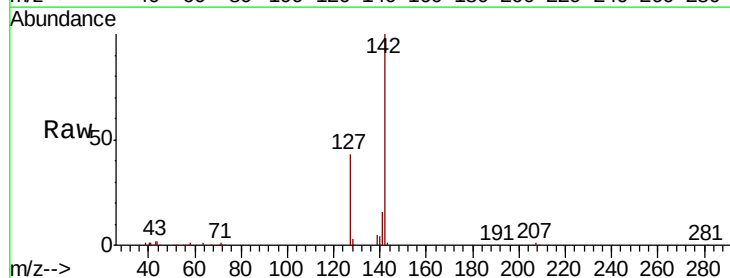
Tgt Ion:142 Resp: 47543

Ion Ratio Lower Upper

142 100

127 43.1 35.1 52.7

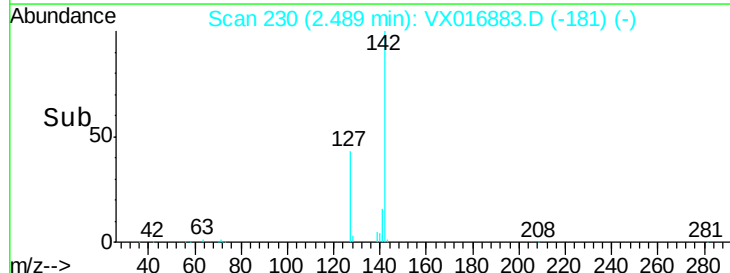
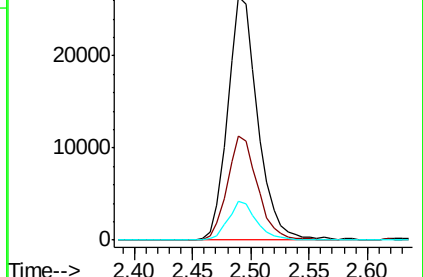
141 15.1 11.6 17.4

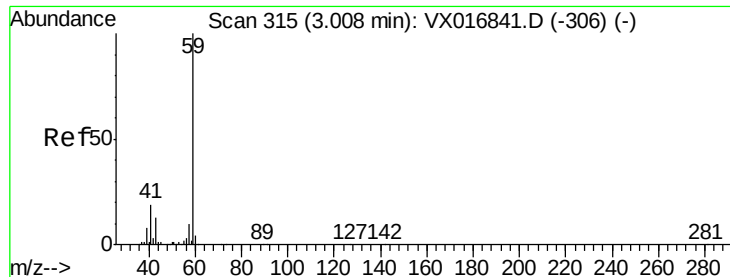


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

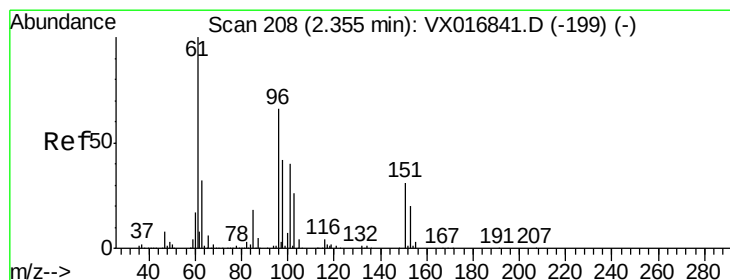
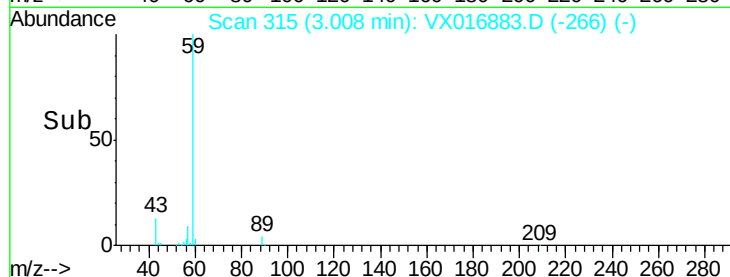
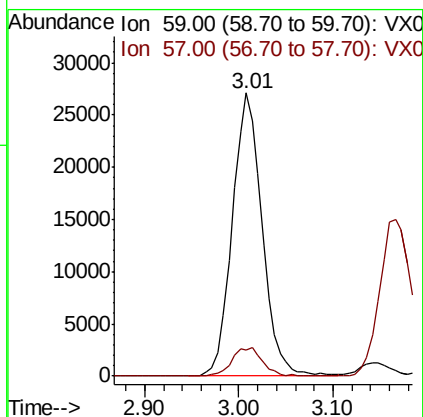
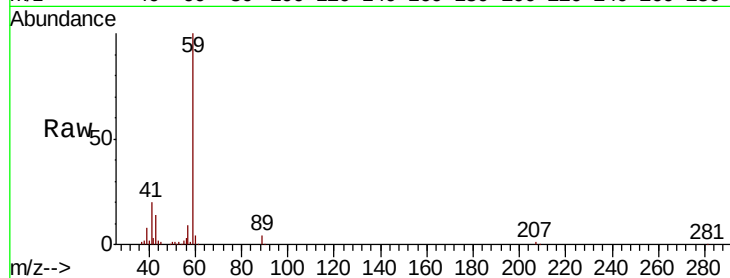




#11
Tert butyl alcohol
Concen: 120.012 ug/l
RT: 3.01 min Scan# 315
Delta R.T. 0.00 min
Lab File: VX016883.D
Acq: 19 Jun 2020 16:37

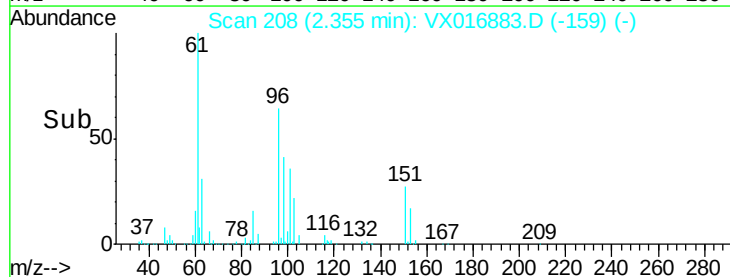
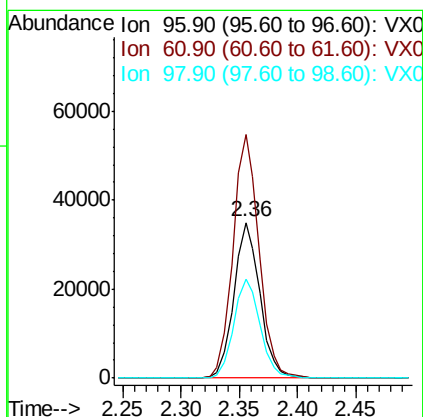
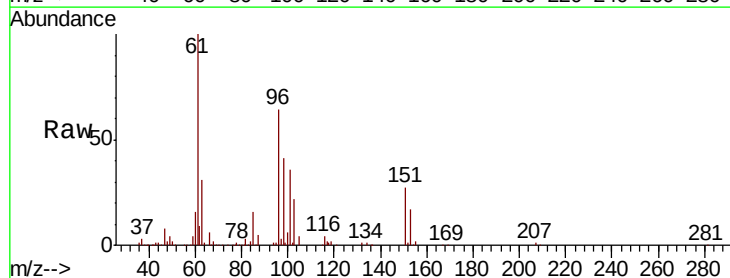
Instrument :
MSVOA_X
ClientSampleId :
VX0619WBSD01

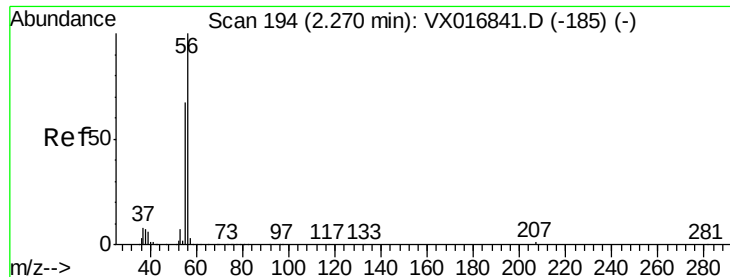
Tot Ion: 59 Resp: 59726
Ion Ratio Lower Upper
59 100
57 10.3 8.4 12.6



#12
1,1-Dichloroethene
Concen: 20.837 ug/l
RT: 2.36 min Scan# 208
Delta R.T. 0.00 min
Lab File: VX016883.D
Acq: 19 Jun 2020 16:37

Tgt Ion: 96 Resp: 54504
Ion Ratio Lower Upper
96 100
61 156.4 121.7 182.5
98 63.7 51.1 76.7





#13

Acrolein

Concen: 95.992 ug/l

RT: 2.27 min Scan# 194

Delta R.T. 0.00 min

Lab File: VX016883.D

Acq: 19 Jun 2020 16:37

Instrument :

MSVOA_X

ClientSampleId :

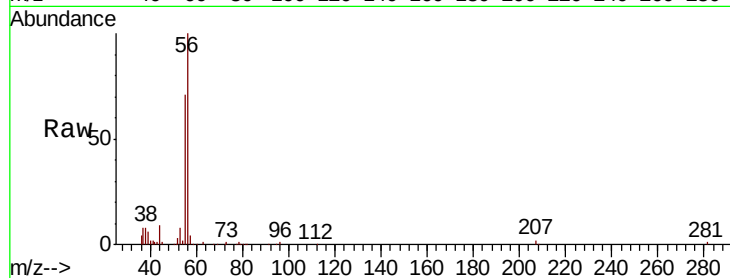
VX0619WBSD01

Tot Ion: 56 Resp: 28964

Ion Ratio Lower Upper

56 100

55 69.8 55.7 83.5



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

2.27

20000

15000

10000

5000

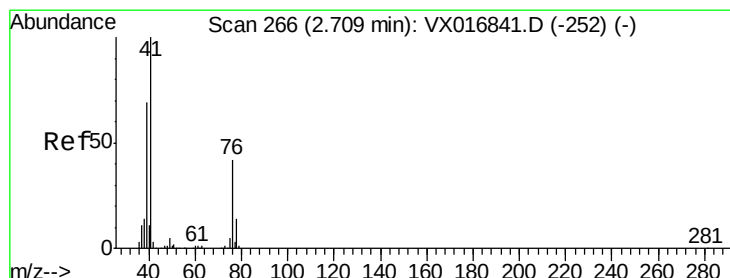
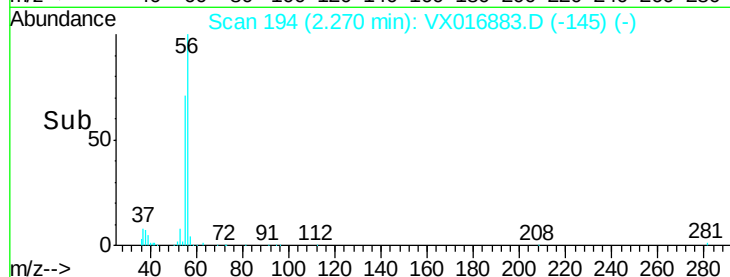
0

Time-->

2.20

2.30

2.40



#14

Allyl chloride

Concen: 21.282 ug/l

RT: 2.71 min Scan# 266

Delta R.T. 0.00 min

Lab File: VX016883.D

Acq: 19 Jun 2020 16:37

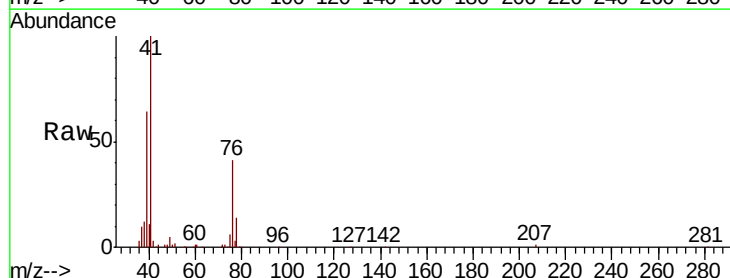
Tgt Ion: 41 Resp: 73635

Ion Ratio Lower Upper

41 100

39 62.2 50.7 76.1

76 37.2 30.9 46.3



Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0

60000

40000

20000

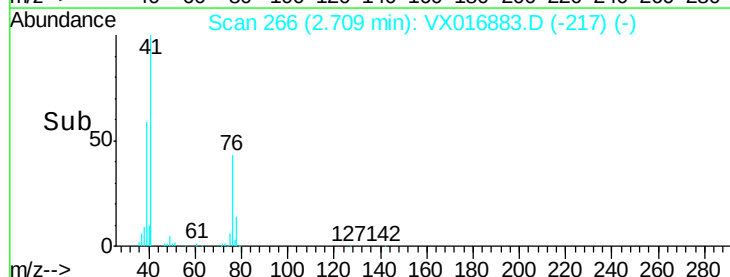
0

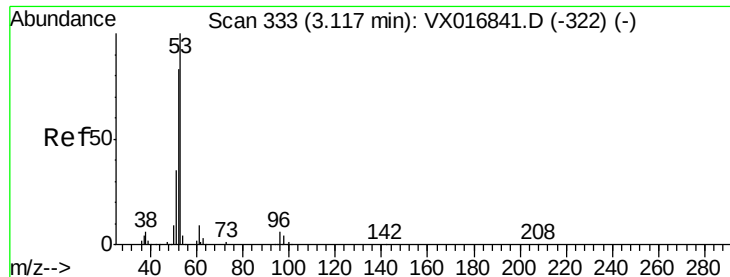
Time-->

2.60

2.70

2.80





#15

Acrylonitrile

Concen: 116.491 ug/l

RT: 3.12 min Scan# 333

Delta R.T. 0.00 min

Lab File: VX016883.D

Acq: 19 Jun 2020 16:37

Instrument :

MSVOA_X

ClientSampleId :

VX0619WBSD01

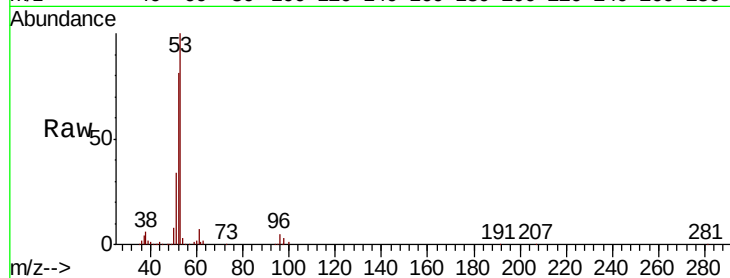
Tot Ion: 53 Resp: 132852

Ion Ratio Lower Upper

53 100

52 81.6 66.2 99.2

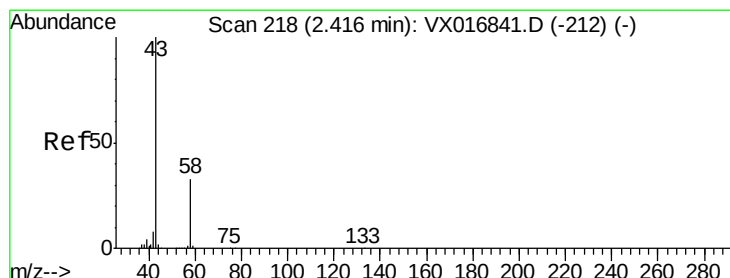
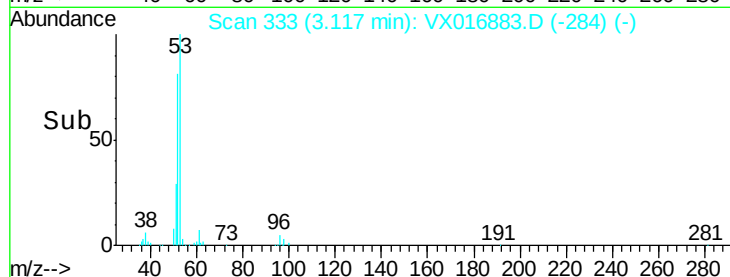
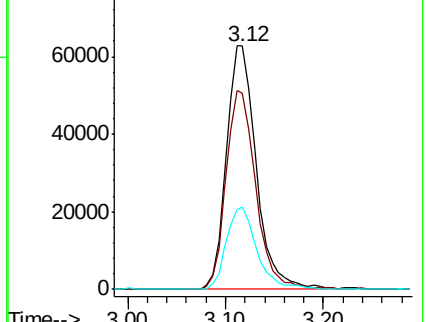
51 34.9 28.7 43.1



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: 117.234 ug/l

RT: 2.42 min Scan# 218

Delta R.T. 0.00 min

Lab File: VX016883.D

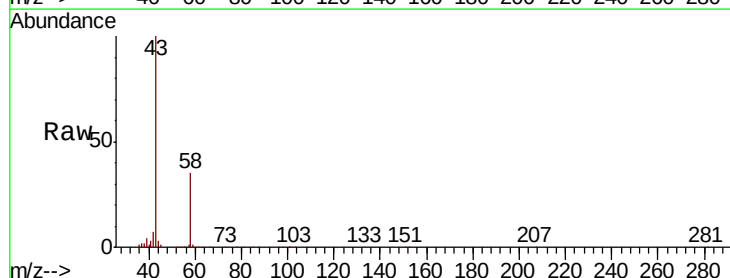
Acq: 19 Jun 2020 16:37

Tgt Ion: 43 Resp: 125286

Ion Ratio Lower Upper

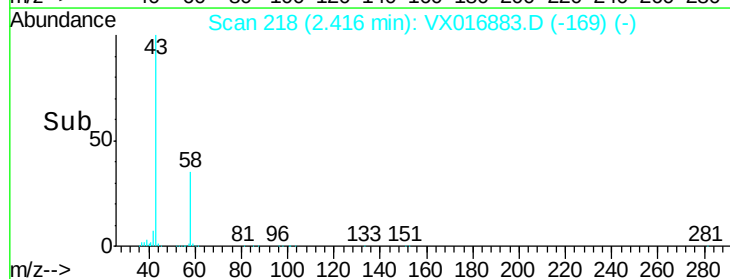
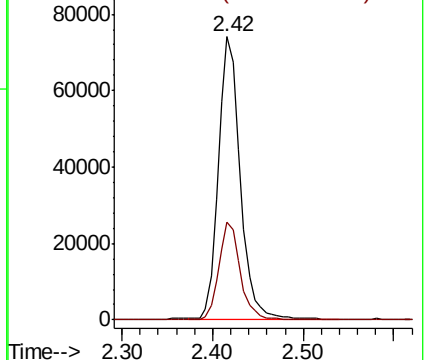
43 100

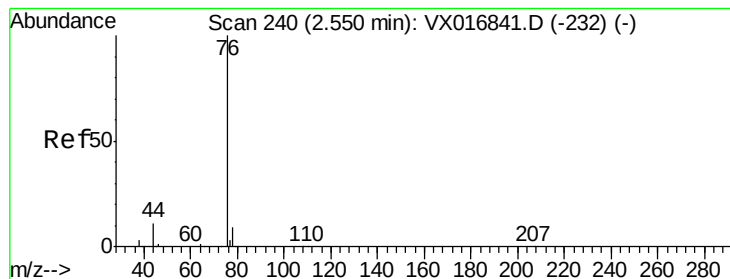
58 34.7 26.6 39.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 21.997 ug/l

RT: 2.55 min Scan# 240

Delta R.T. 0.00 min

Lab File: VX016883.D

Acq: 19 Jun 2020 16:37

Instrument :

MSVOA_X

ClientSampleId :

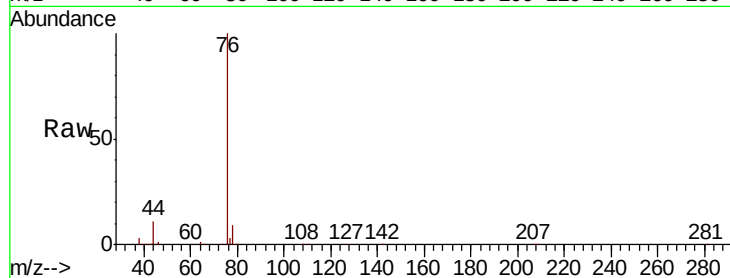
VX0619WBSD01

Tot Ion: 76 Resp: 148699

Ion Ratio Lower Upper

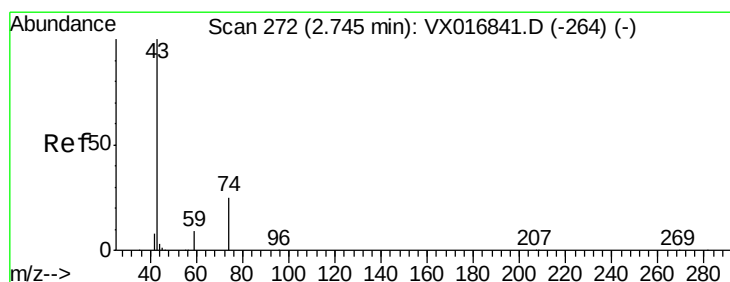
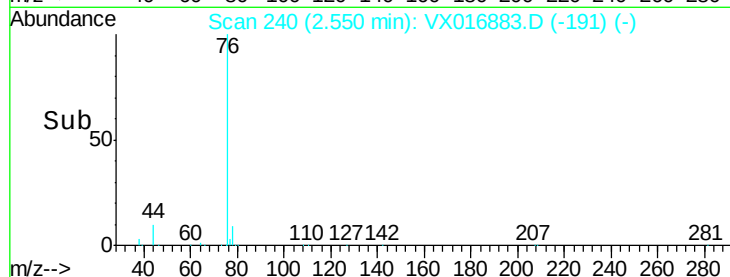
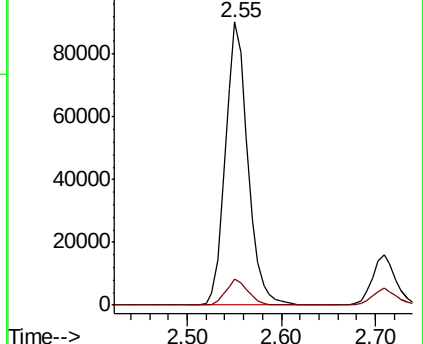
76 100

78 9.0 7.5 11.3



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 24.587 ug/l

RT: 2.75 min Scan# 272

Delta R.T. 0.00 min

Lab File: VX016883.D

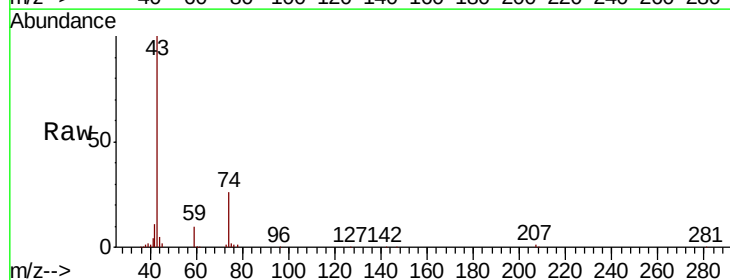
Acq: 19 Jun 2020 16:37

Tgt Ion: 43 Resp: 66816

Ion Ratio Lower Upper

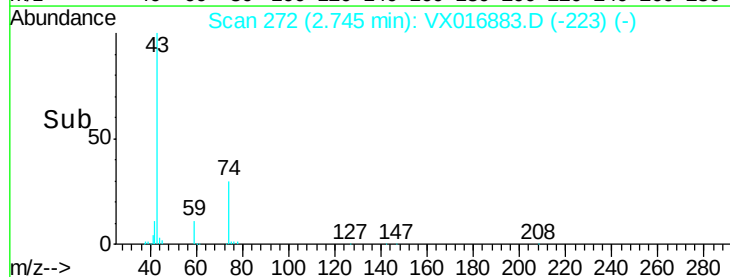
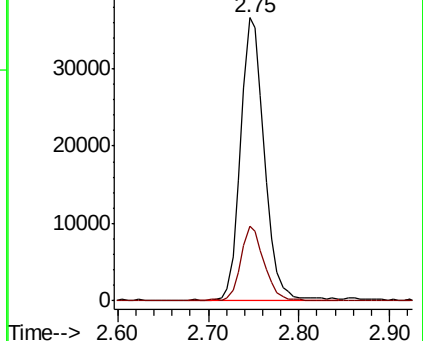
43 100

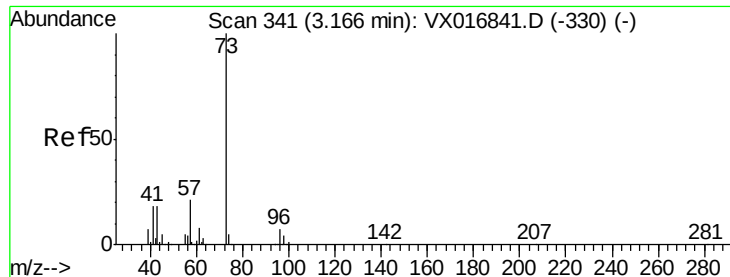
74 26.0 21.8 32.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0



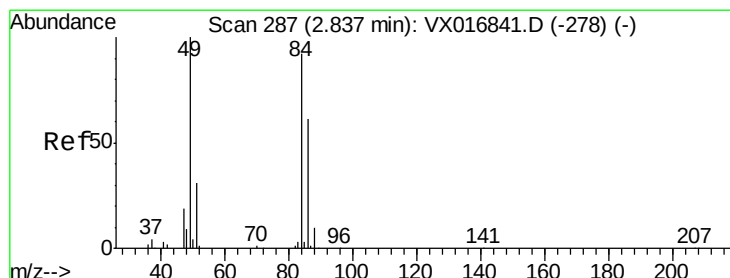
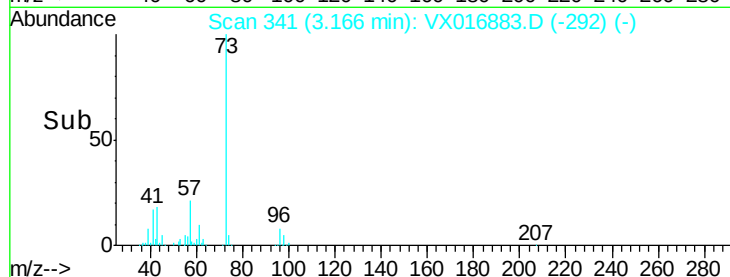
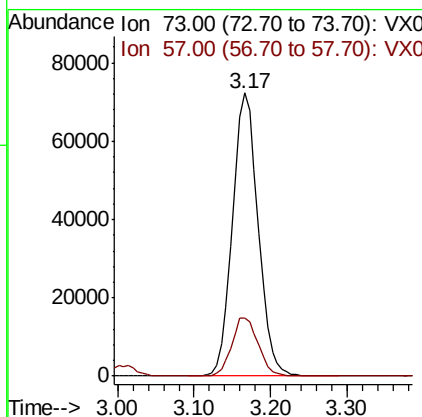
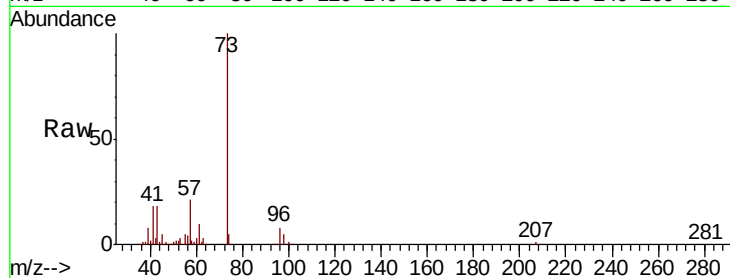


#19

Methyl tert-butyl Ether
 Concen: 22.548 ug/l
 RT: 3.17 min Scan# 341
 Delta R.T. 0.00 min
 Lab File: VX016883.D
 Acq: 19 Jun 2020 16:37

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0619WBSD01

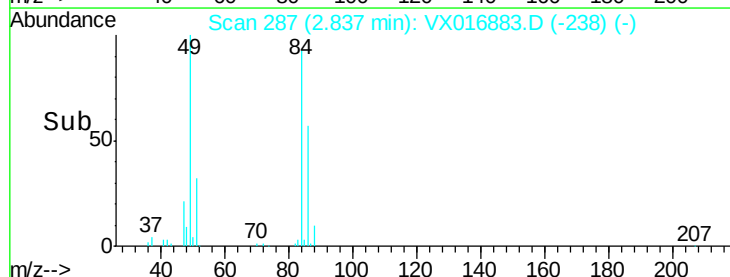
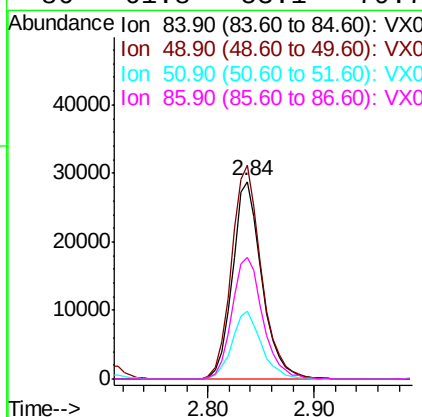
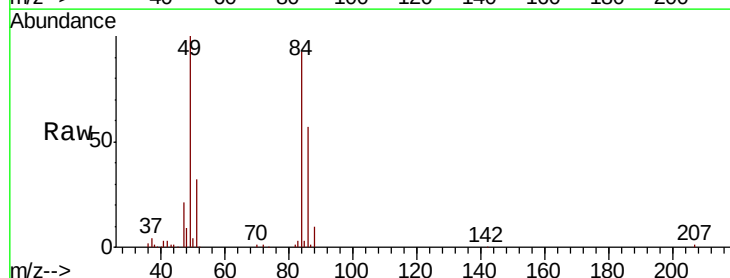
Tot Ion: 73 Resp: 168086
 Ion Ratio Lower Upper
 73 100
 57 20.7 16.9 25.3

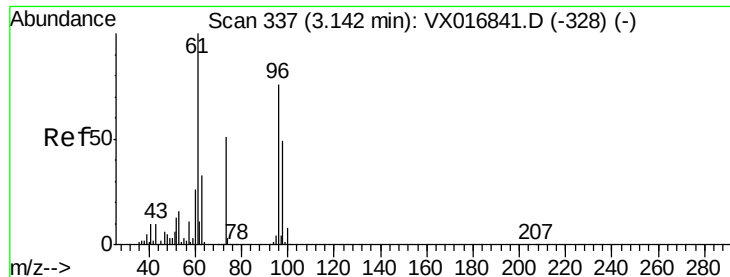


#20

Methylene Chloride
 Concen: 21.692 ug/l
 RT: 2.84 min Scan# 287
 Delta R.T. 0.00 min
 Lab File: VX016883.D
 Acq: 19 Jun 2020 16:37

Tgt Ion: 84 Resp: 55593
 Ion Ratio Lower Upper
 84 100
 49 108.0 86.6 129.8
 51 34.1 27.1 40.7
 86 61.8 53.1 79.7





#21

trans-1,2-Dichloroethene

Concen: 21.715 ug/l

RT: 3.14 min Scan# 337

Delta R.T. 0.00 min

Lab File: VX016883.D

Acq: 19 Jun 2020 16:37

Instrument :

MSVOA_X

ClientSampleId :

VX0619WBSD01

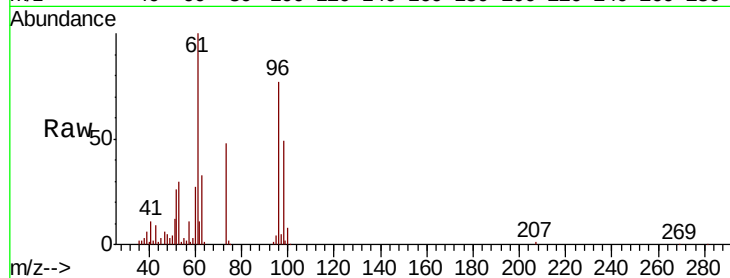
Tot Ion: 96 Resp: 53618

Ion Ratio Lower Upper

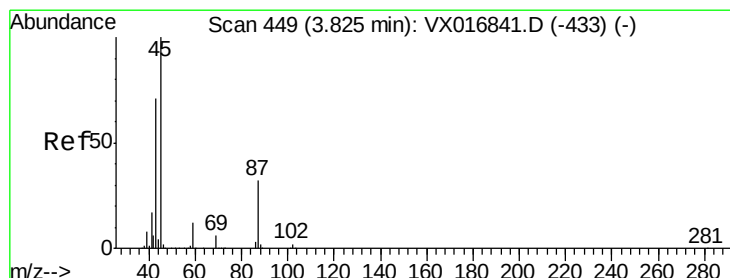
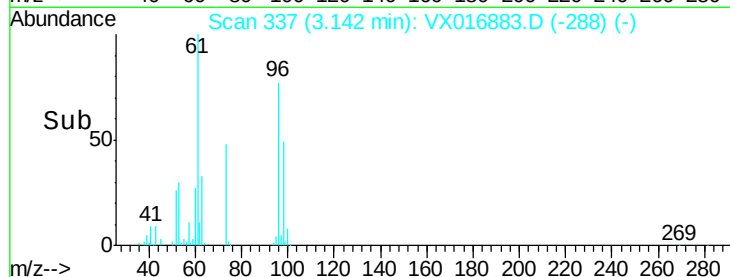
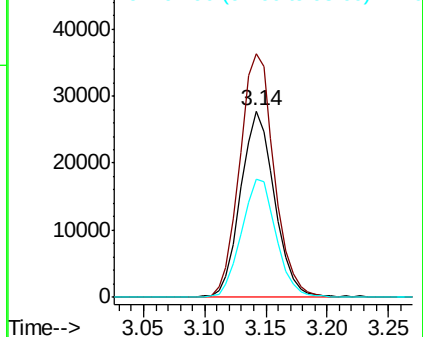
96 100

61 130.5 105.4 158.0

98 63.7 51.3 76.9



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



#22

Diisopropyl ether

Concen: 22.755 ug/l

RT: 3.82 min Scan# 449

Delta R.T. 0.00 min

Lab File: VX016883.D

Acq: 19 Jun 2020 16:37

Tgt Ion: 45 Resp: 150850

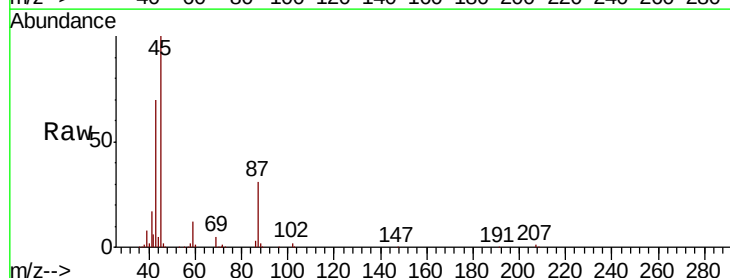
Ion Ratio Lower Upper

45 100

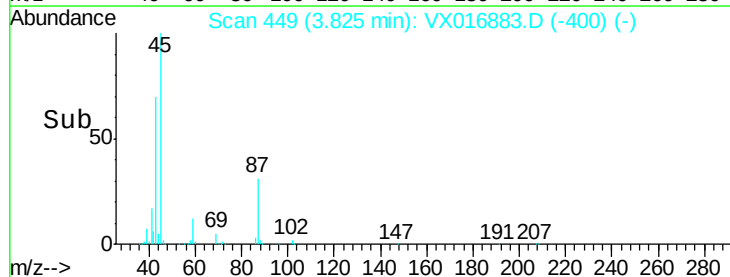
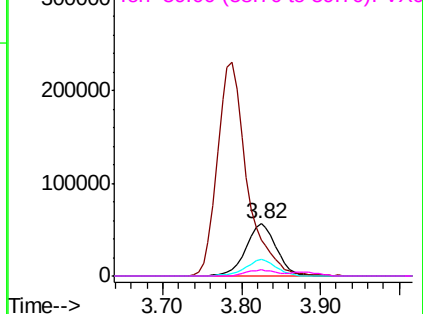
43 69.3 57.0 85.4

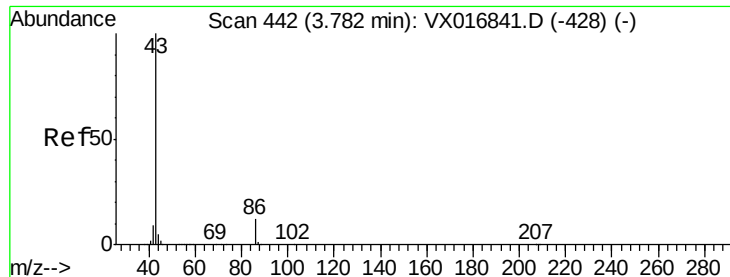
87 31.3 25.2 37.8

59 12.2 9.9 14.9



Abundance Ion 45.00 (44.70 to 45.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 87.00 (86.70 to 87.70): VX0
Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 110.421 ug/l

RT: 3.79 min Scan# 443

Delta R.T. 0.01 min

Lab File: VX016883.D

Acq: 19 Jun 2020 16:37

Instrument :

MSVOA_X

ClientSampleId :

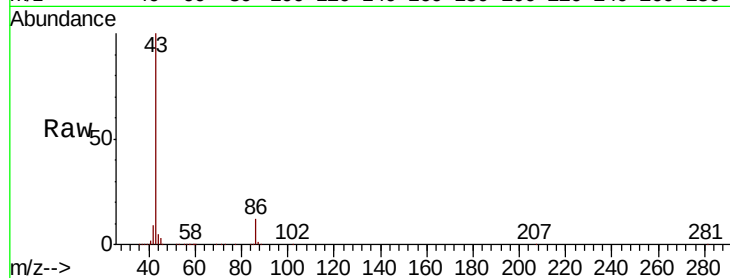
VX0619WBSD01

Tot Ion: 43 Resp: 603600

Ion Ratio Lower Upper

43 100

86 12.1 9.9 14.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

3.79

250000

200000

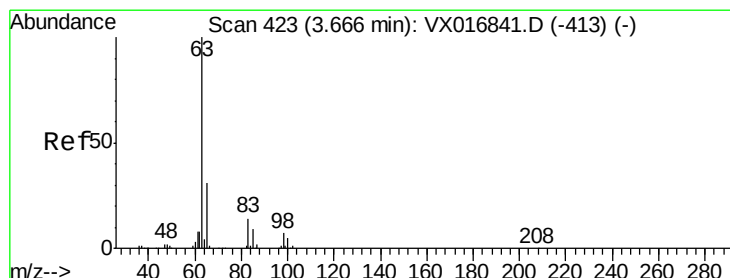
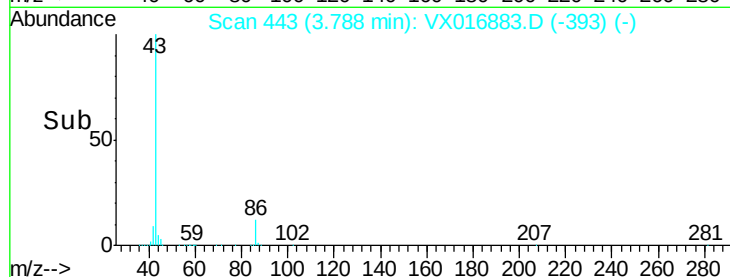
150000

100000

50000

0

Time--> 3.60 3.70 3.80 3.90 4.00



#24

1,1-Dichloroethane

Concen: 20.995 ug/l

RT: 3.67 min Scan# 424

Delta R.T. 0.01 min

Lab File: VX016883.D

Acq: 19 Jun 2020 16:37

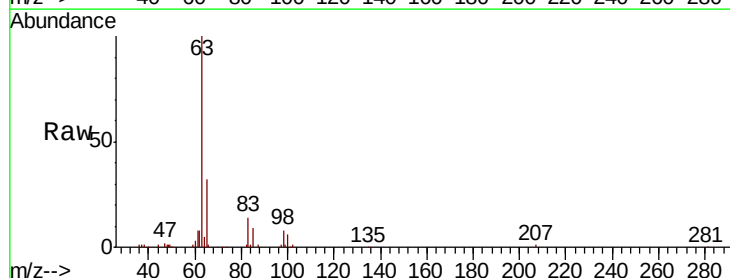
Tgt Ion: 63 Resp: 86940

Ion Ratio Lower Upper

63 100

98 7.6 3.6 10.9

100 5.5 2.4 7.1



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

50000

40000

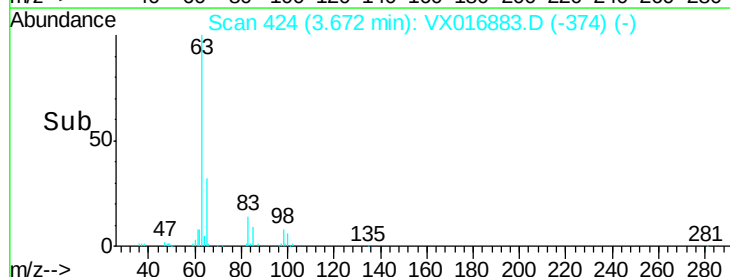
30000

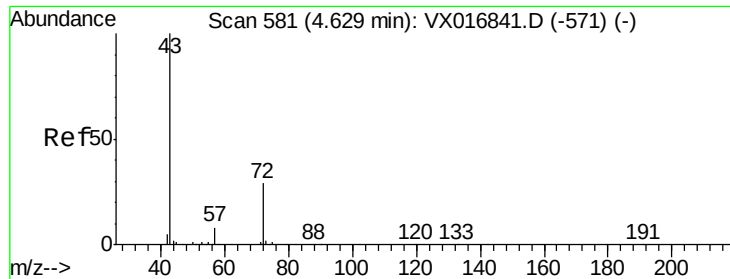
20000

10000

0

Time--> 3.60 3.70 3.80

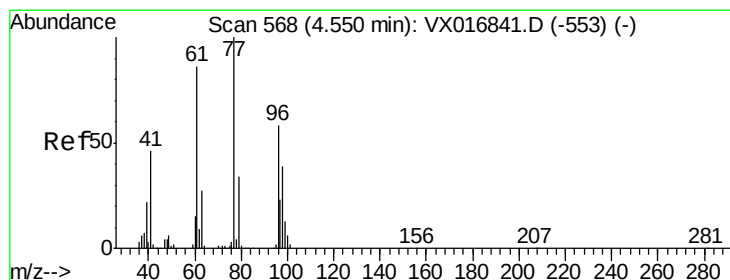
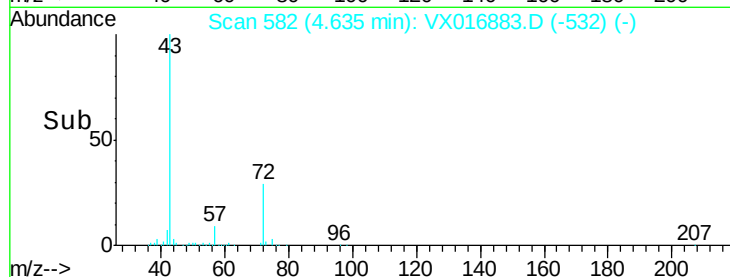
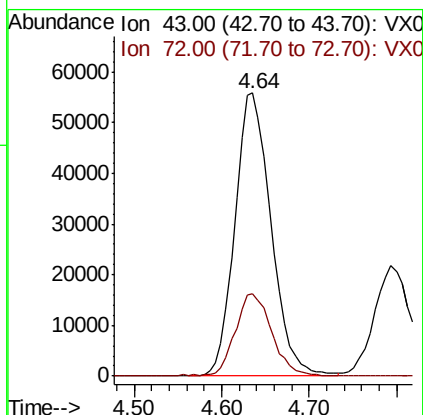
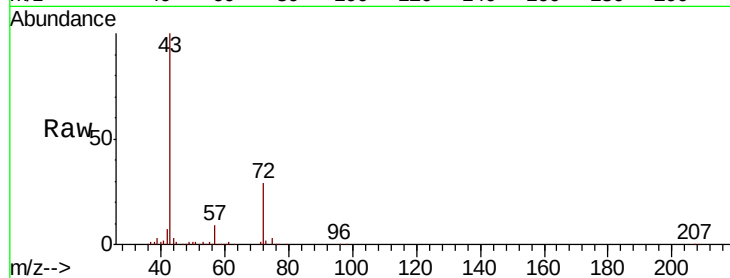




#25
2-Butanone
Concen: 108.224 ug/l
RT: 4.64 min Scan# 582
Delta R.T. 0.01 min
Lab File: VX016883.D
Acq: 19 Jun 2020 16:37

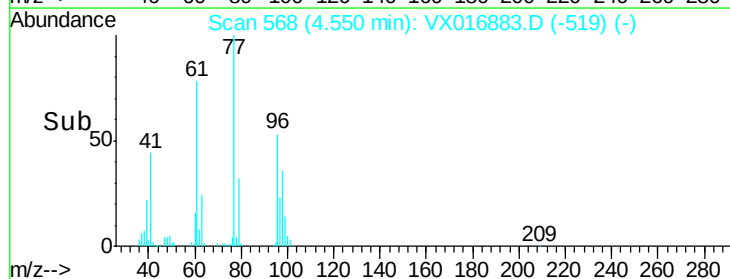
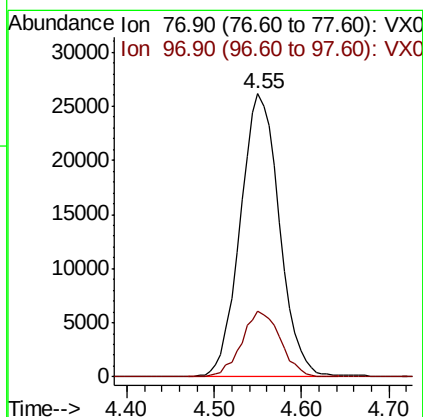
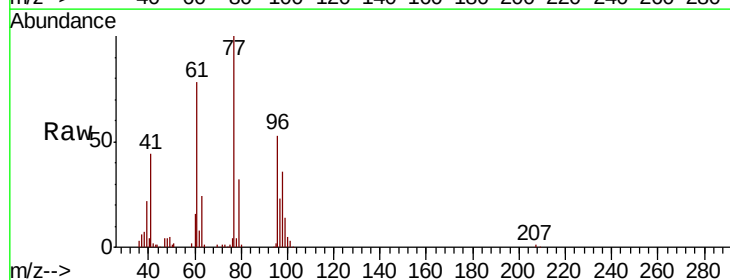
Instrument :
MSVOA_X
ClientSampleId :
VX0619WBSD01

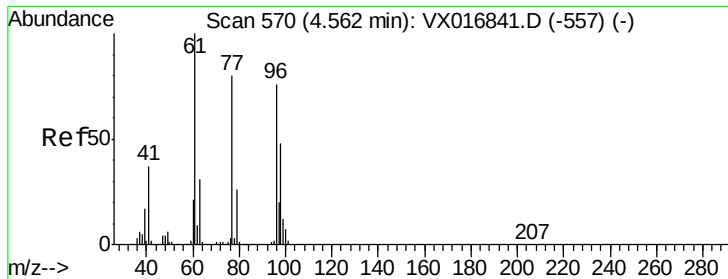
Tot Ion: 43 Resp: 159174
Ion Ratio Lower Upper
43 100
72 28.8 23.5 35.3



#26
2,2-Dichloropropane
Concen: 20.990 ug/l
RT: 4.55 min Scan# 568
Delta R.T. 0.00 min
Lab File: VX016883.D
Acq: 19 Jun 2020 16:37

Tgt Ion: 77 Resp: 81430
Ion Ratio Lower Upper
77 100
97 23.0 11.6 34.7



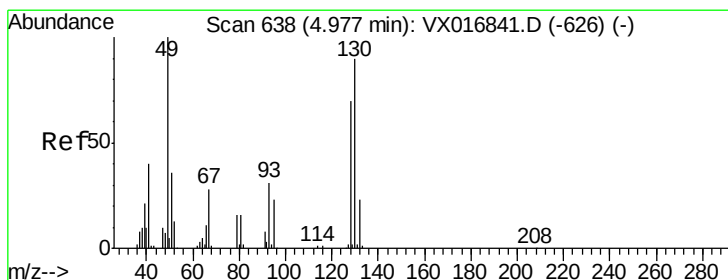
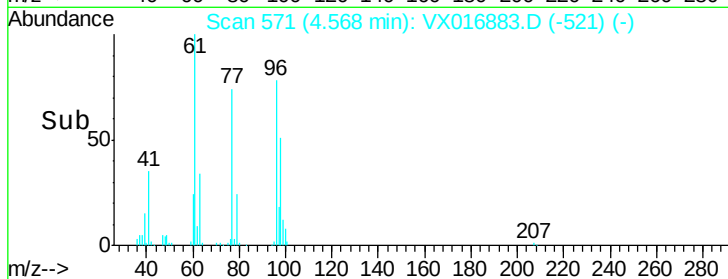
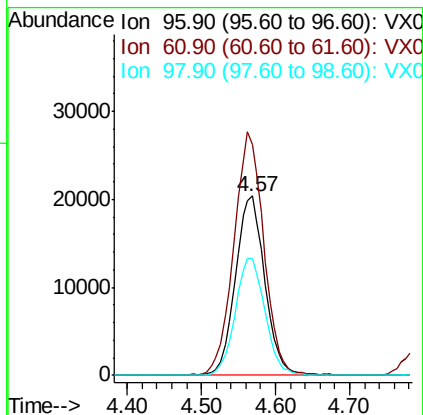
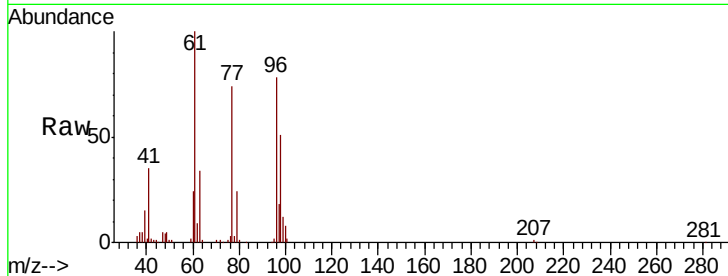


#27

cis-1,2-Dichloroethene
Concen: 20.322 ug/l
RT: 4.57 min Scan# 571
Delta R.T. 0.01 min
Lab File: VX016883.D
Acq: 19 Jun 2020 16:37

Instrument :
MSVOA_X
ClientSampled :
VX0619WBSD01

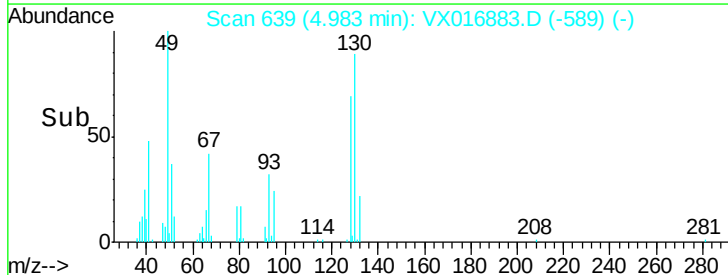
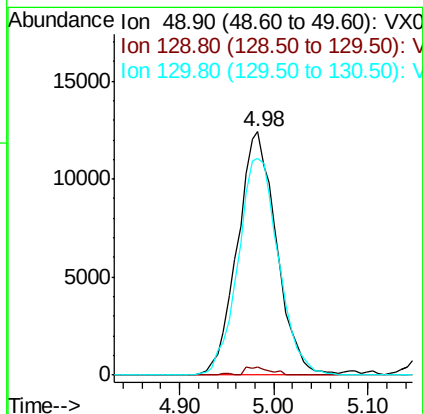
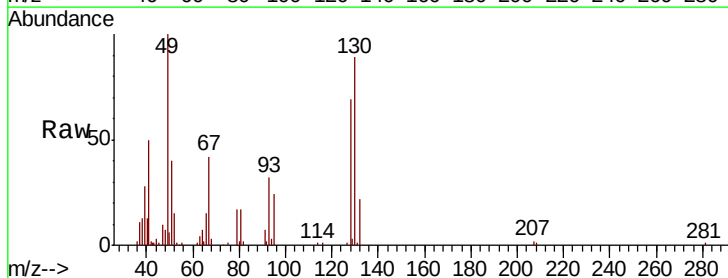
Tot Ion	Ratio	Lower	Upper
96	100		
61	138.9	0.0	273.8
98	66.2	0.0	129.0

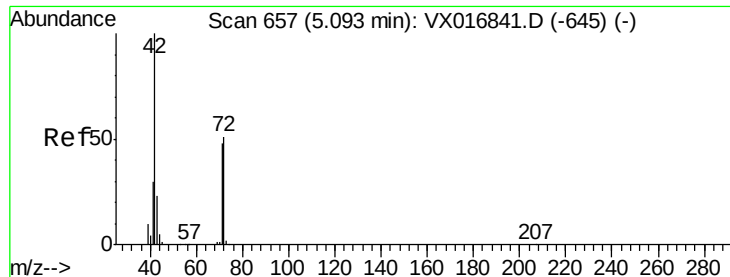


#28

Bromochloromethane
Concen: 20.971 ug/l
RT: 4.98 min Scan# 639
Delta R.T. 0.01 min
Lab File: VX016883.D
Acq: 19 Jun 2020 16:37

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.1	0.0	5.0
130	92.3	76.8	115.2





#29

Tetrahydrofuran

Concen: 109.283 ug/l

RT: 5.09 min Scan# 657

Delta R.T. 0.00 min

Lab File: VX016883.D

Acq: 19 Jun 2020 16:37

Instrument :

MSVOA_X

ClientSampleId :

VX0619WBSD01

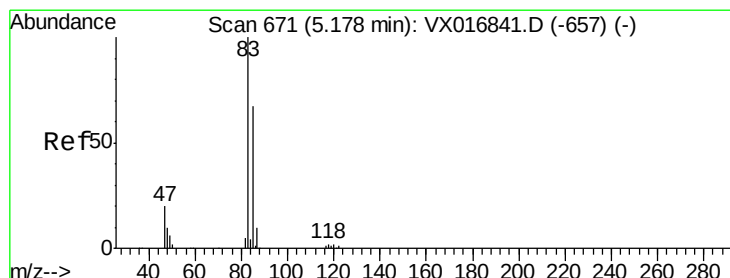
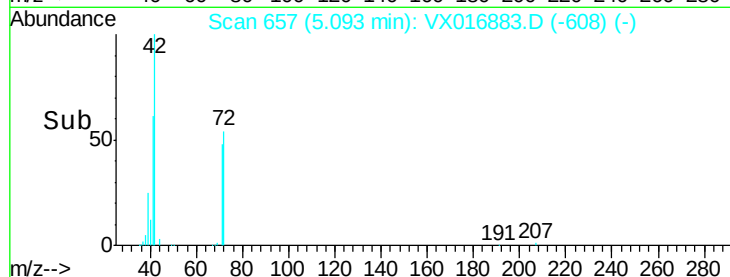
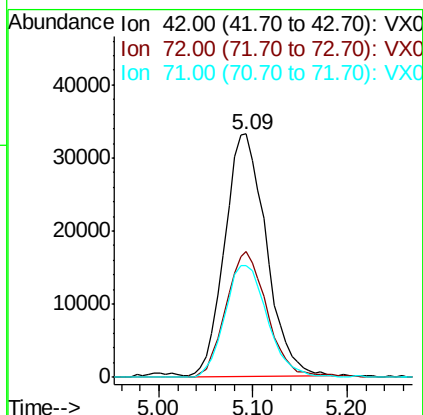
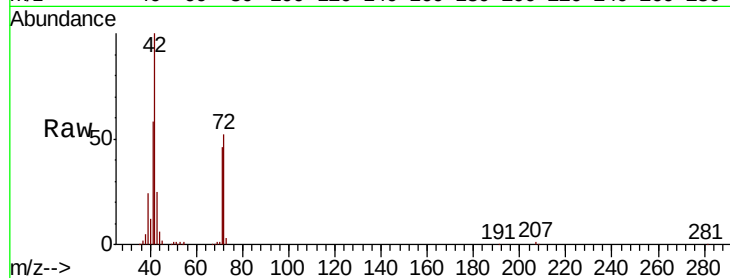
Tot Ion: 42 Resp: 101228

Ion Ratio Lower Upper

42 100

72 52.2 41.1 61.7

71 47.8 38.4 57.6



#30

Chloroform

Concen: 21.233 ug/l

RT: 5.18 min Scan# 671

Delta R.T. 0.00 min

Lab File: VX016883.D

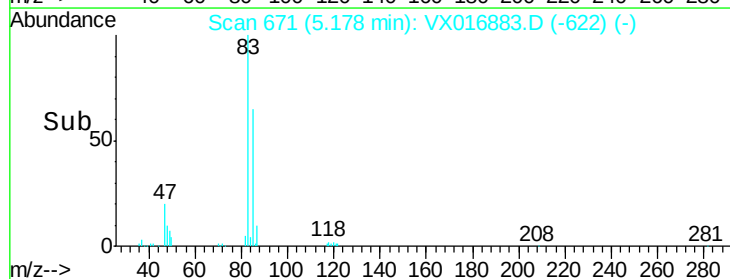
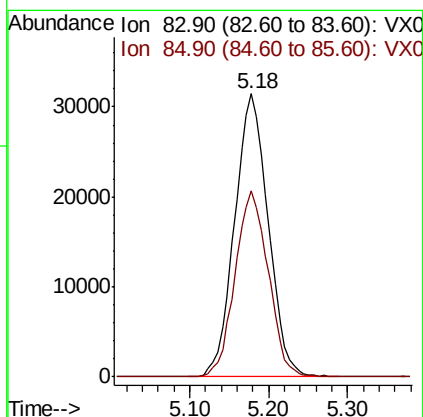
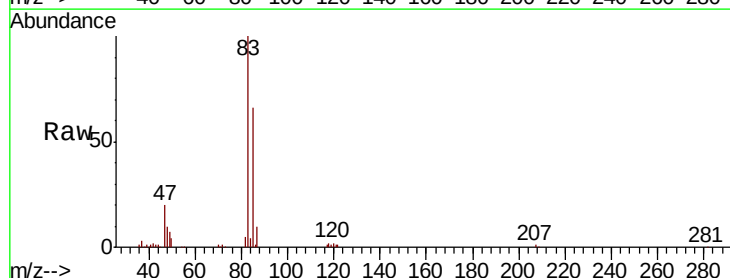
Acq: 19 Jun 2020 16:37

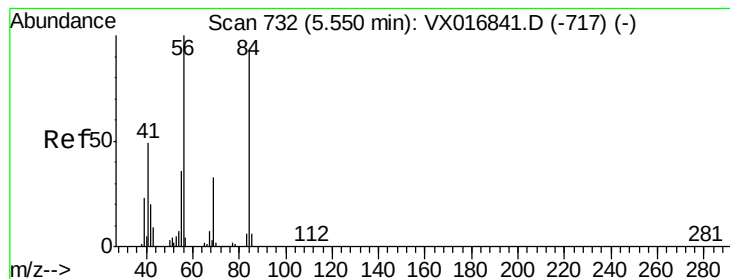
Tgt Ion: 83 Resp: 92824

Ion Ratio Lower Upper

83 100

85 65.6 53.4 80.0





#31

Cyclohexane

Concen: 20.864 ug/l

RT: 5.55 min Scan# 732

Delta R.T. 0.00 min

Lab File: VX016883.D

Acq: 19 Jun 2020 16:37

Instrument :

MSVOA_X

ClientSampleId :

VX0619WBSD01

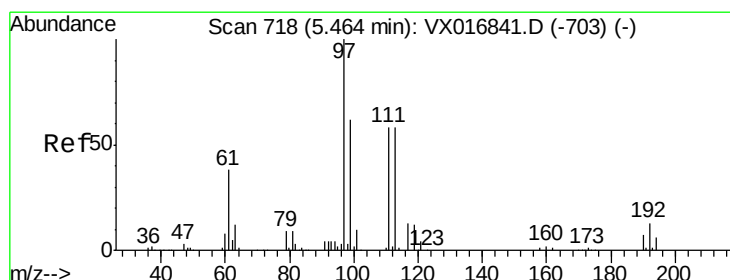
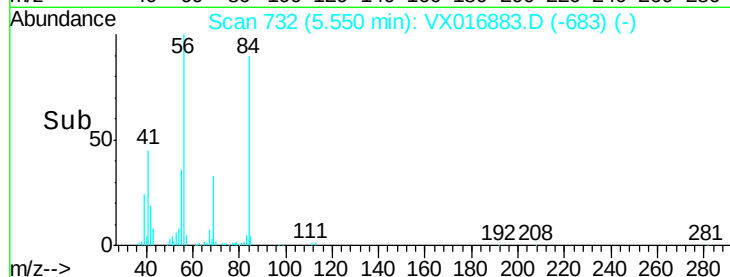
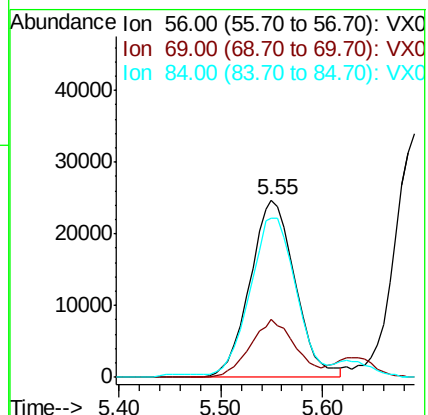
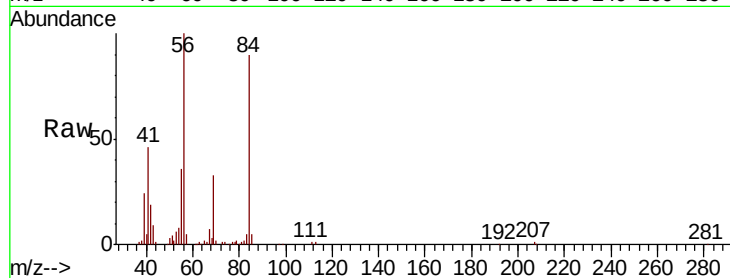
Tot Ion: 56 Resp: 75955

Ion Ratio Lower Upper

56 100

69 32.9 26.1 39.1

84 88.1 73.0 109.6



#32

1,1,1-Trichloroethane

Concen: 21.738 ug/l

RT: 5.46 min Scan# 718

Delta R.T. 0.00 min

Lab File: VX016883.D

Acq: 19 Jun 2020 16:37

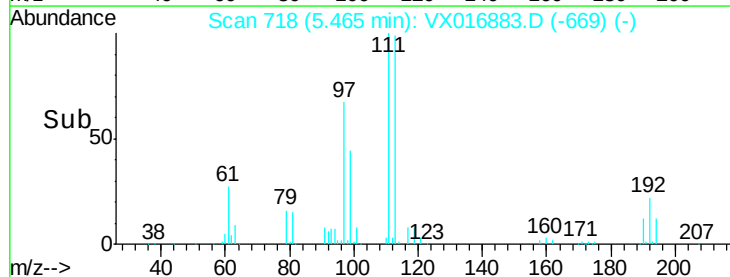
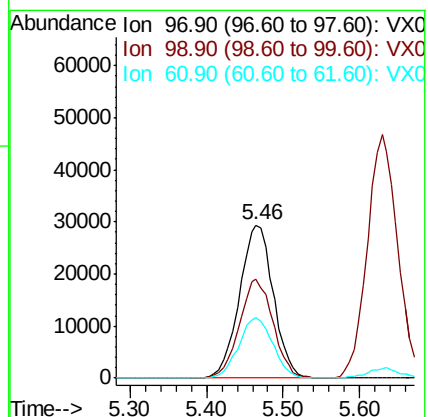
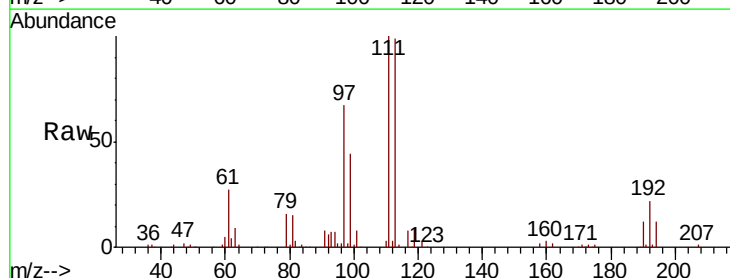
Tgt Ion: 97 Resp: 89946

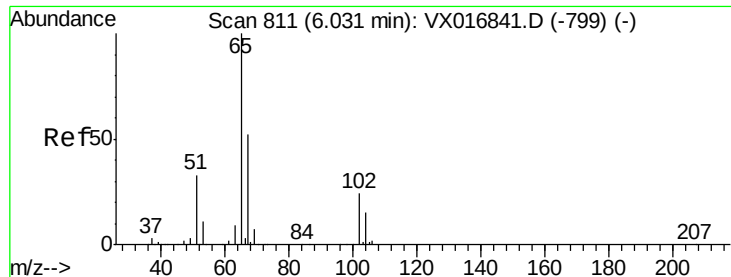
Ion Ratio Lower Upper

97 100

99 64.4 51.3 76.9

61 39.9 31.3 46.9





#33

1,2-Dichloroethane-d4

Concen: 49.376 ug/l

RT: 6.03 min Scan# 811

Delta R.T. 0.00 min

Lab File: VX016883.D

Acq: 19 Jun 2020 16:37

Instrument :

MSVOA_X

ClientSampleId :

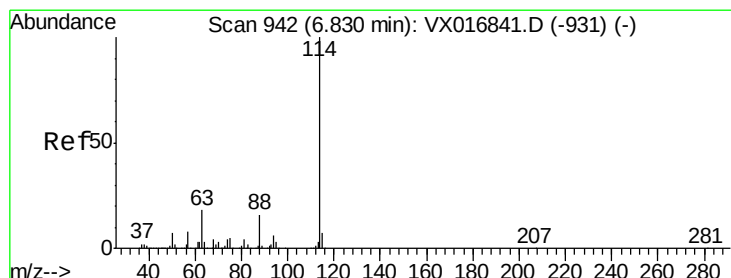
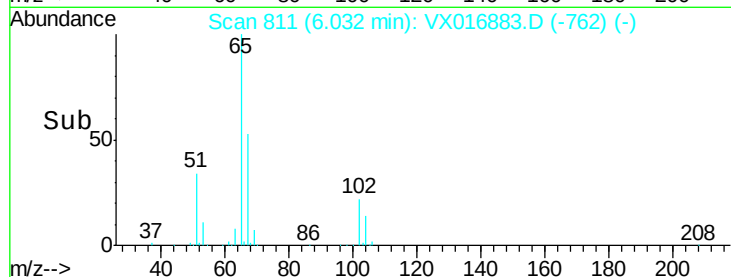
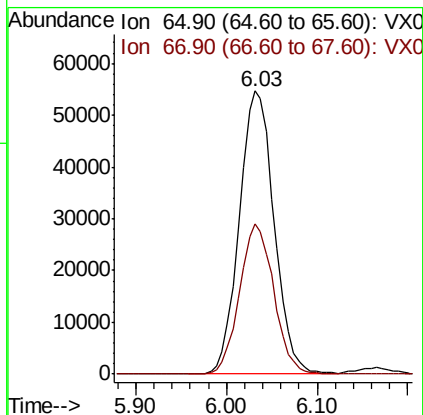
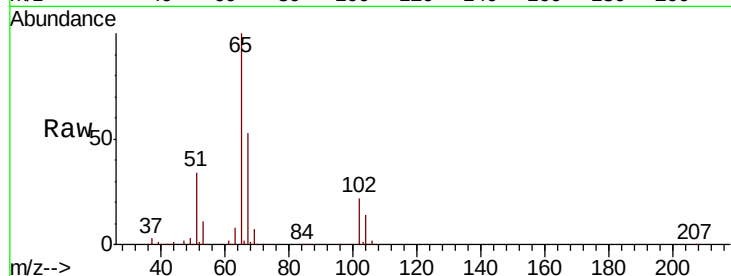
VX0619WBSD01

Tot Ion: 65 Resp: 145357

Ion Ratio Lower Upper

65 100

67 52.1 0.0 102.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. 0.00 min

Lab File: VX016883.D

Acq: 19 Jun 2020 16:37

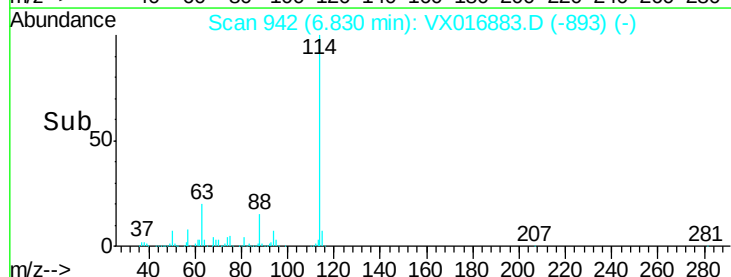
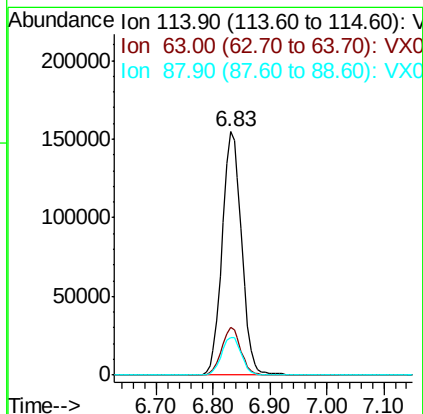
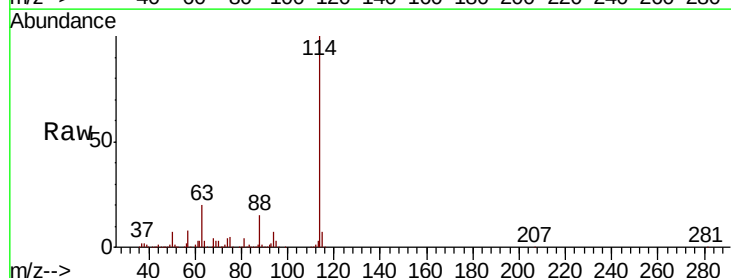
Tgt Ion: 114 Resp: 367859

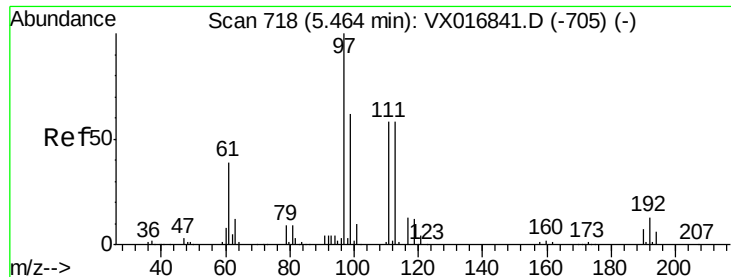
Ion Ratio Lower Upper

114 100

63 19.6 0.0 37.0

88 15.3 0.0 32.0

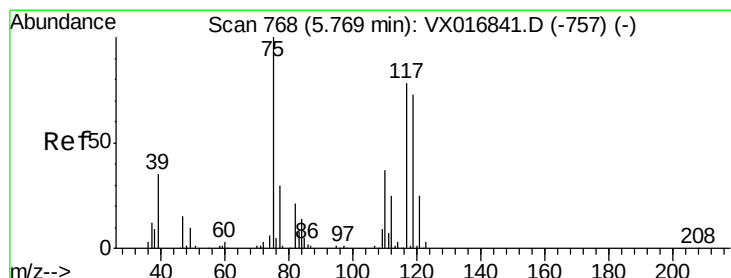
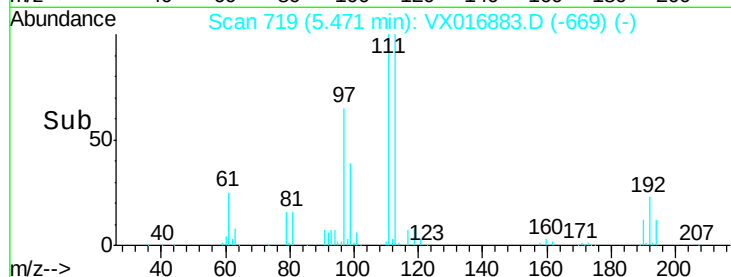
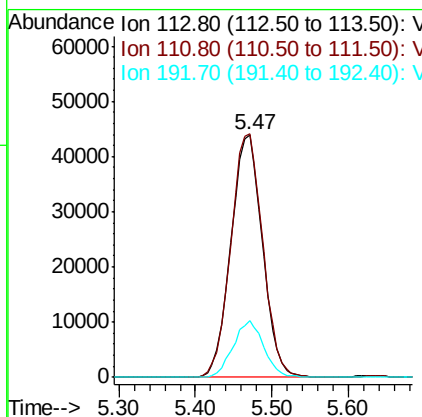
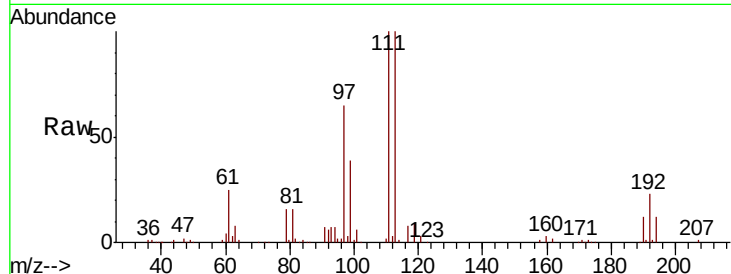




#35
 Dibromofluoromethane
 Concen: 53.487 ug/l
 RT: 5.47 min Scan# 719
 Delta R.T. 0.01 min
 Lab File: VX016883.D
 Acq: 19 Jun 2020 16:37

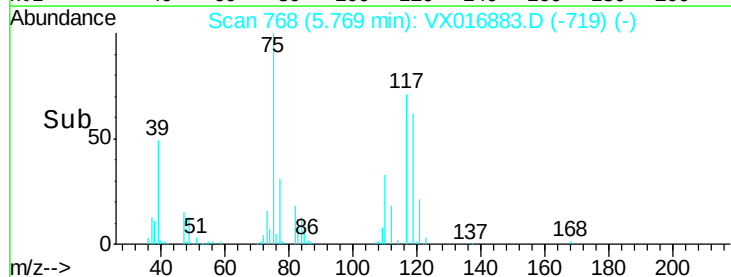
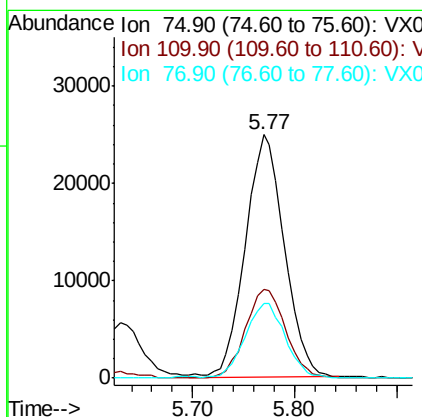
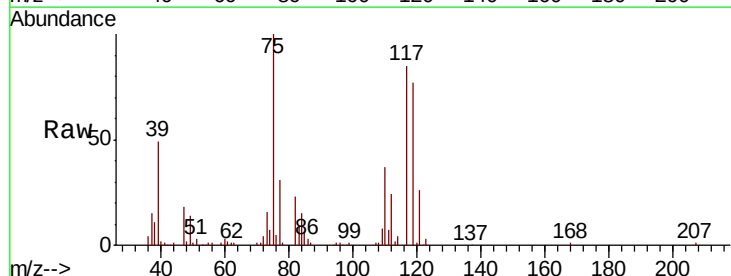
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0619WBSD01

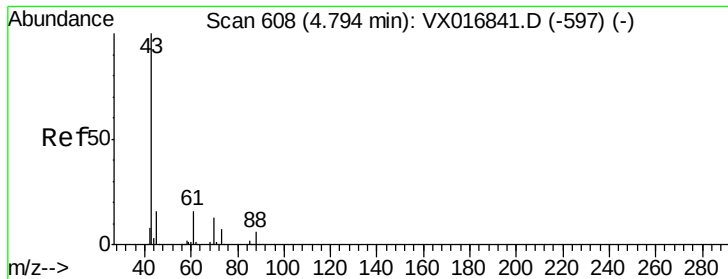
Tot Ion	Ratio	Lower	Upper
113	100		
111	101.2	81.0	121.4
192	22.7	18.5	27.7



#36
 1,1-Dichloropropene
 Concen: 19.470 ug/l
 RT: 5.77 min Scan# 768
 Delta R.T. 0.00 min
 Lab File: VX016883.D
 Acq: 19 Jun 2020 16:37

Tgt Ion	Ratio	Lower	Upper
75	100		
110	37.9	18.9	56.9
77	32.0	25.6	38.4

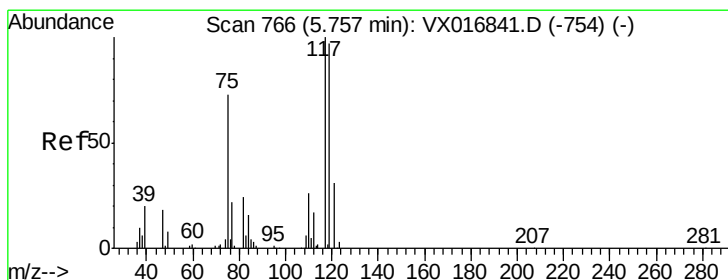
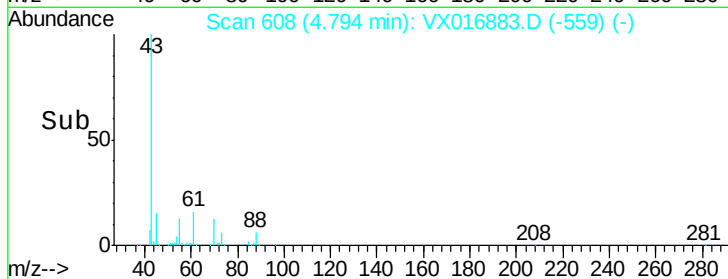
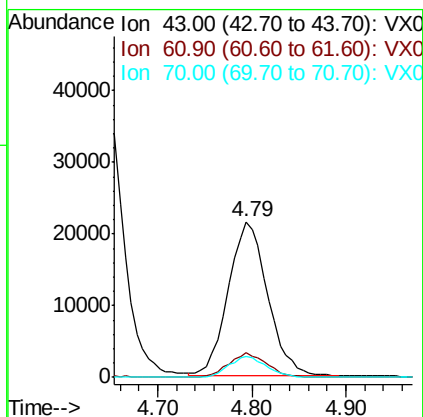
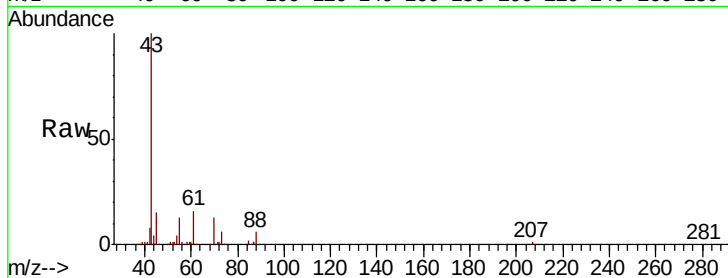




#37
Ethyl Acetate
Concen: 20.997 ug/l
RT: 4.79 min Scan# 608
Delta R.T. 0.00 min
Lab File: VX016883.D
Acq: 19 Jun 2020 16:37

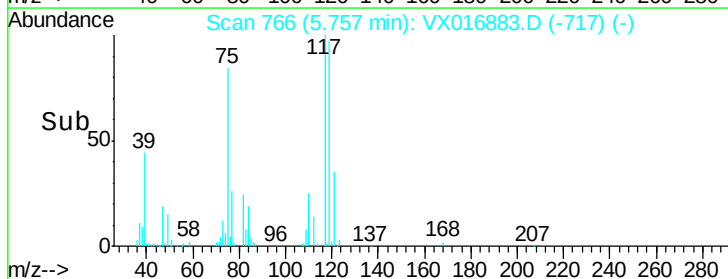
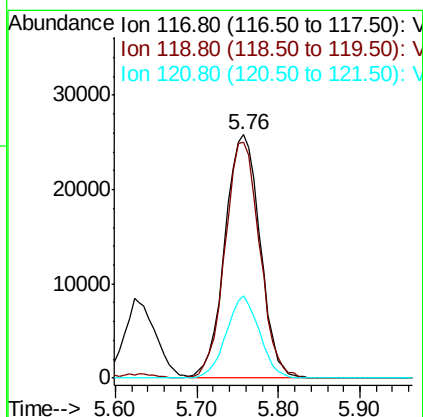
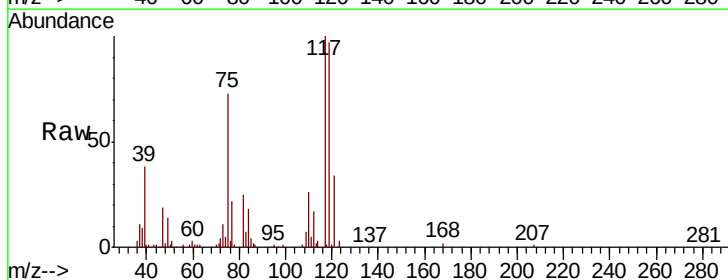
Instrument :
MSVOA_X
ClientSampleId :
VX0619WBSD01

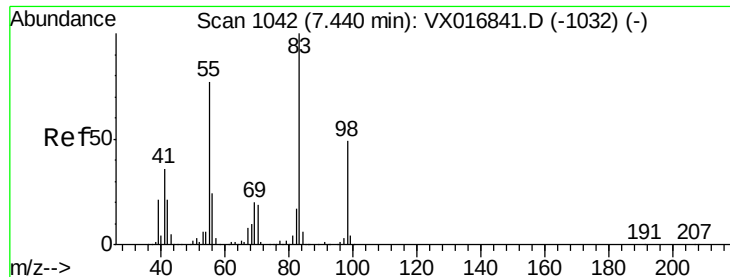
Tot Ion: 43 Resp: 63013
Ion Ratio Lower Upper
43 100
61 15.4 12.2 18.2
70 12.9 10.5 15.7



#38
Carbon Tetrachloride
Concen: 20.201 ug/l
RT: 5.76 min Scan# 766
Delta R.T. 0.00 min
Lab File: VX016883.D
Acq: 19 Jun 2020 16:37

Tgt Ion: 117 Resp: 76987
Ion Ratio Lower Upper
117 100
119 96.9 77.4 116.2
121 33.6 24.7 37.1

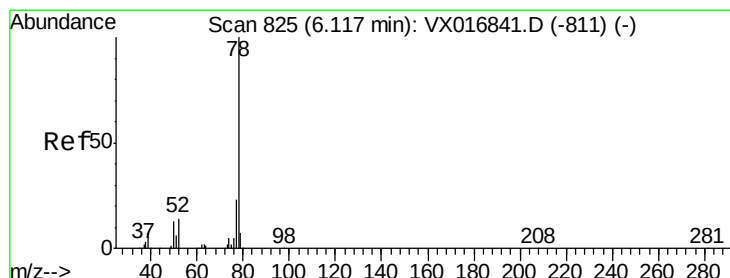
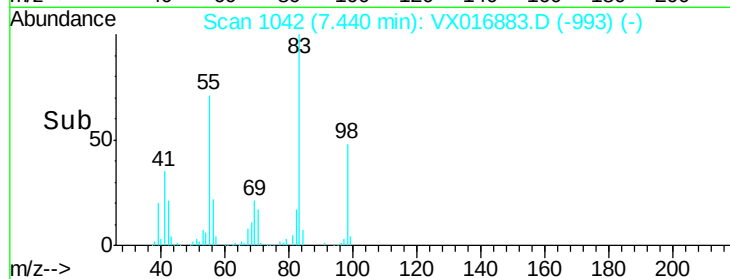
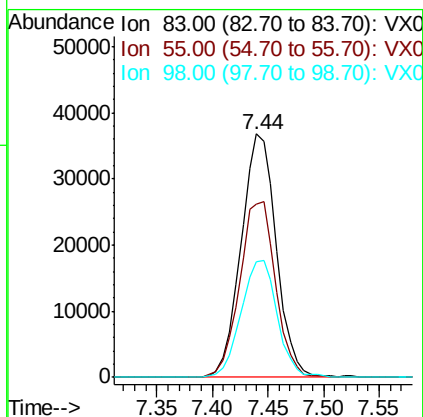
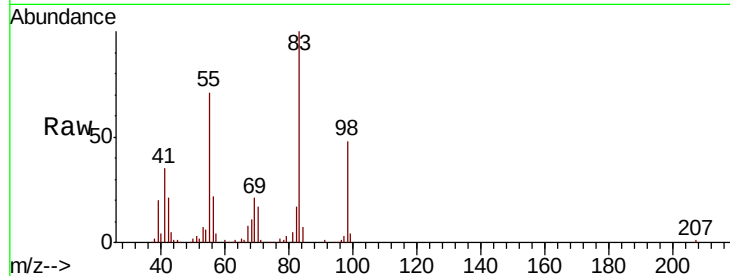




#39
Methylvlcyclohexane
Concen: 20.444 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. 0.00 min
Lab File: VX016883.D
Acq: 19 Jun 2020 16:37

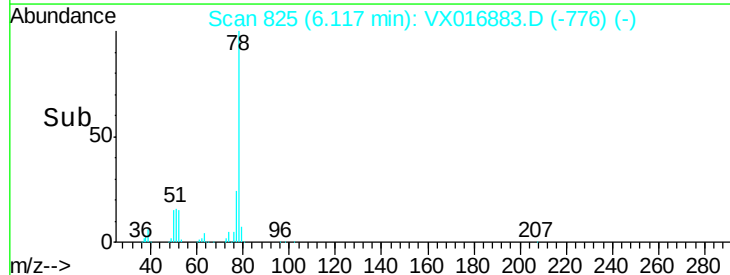
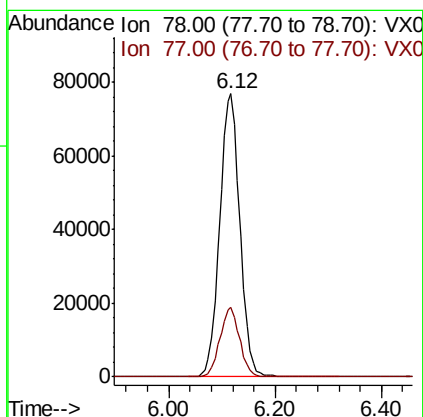
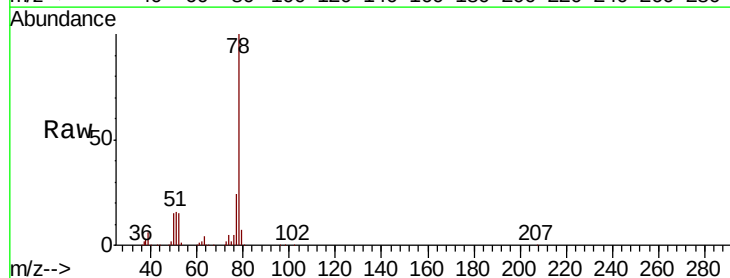
Instrument :
MSVOA_X
ClientSampleId :
VX0619WBSD01

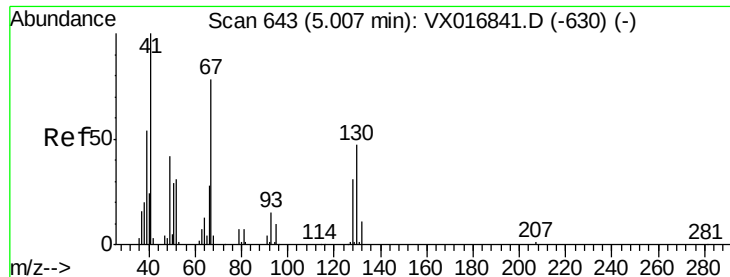
Tot Ion: 83 Resp: 80741
Ion Ratio Lower Upper
83 100
55 71.2 61.7 92.5
98 47.7 39.0 58.6



#40
Benzene
Concen: 19.987 ug/l
RT: 6.12 min Scan# 825
Delta R.T. 0.00 min
Lab File: VX016883.D
Acq: 19 Jun 2020 16:37

Tgt Ion: 78 Resp: 203699
Ion Ratio Lower Upper
78 100
77 24.5 18.6 27.8

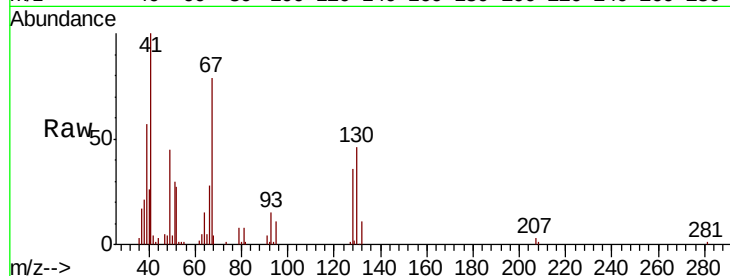




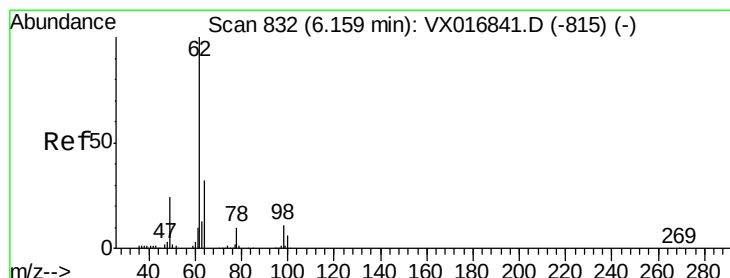
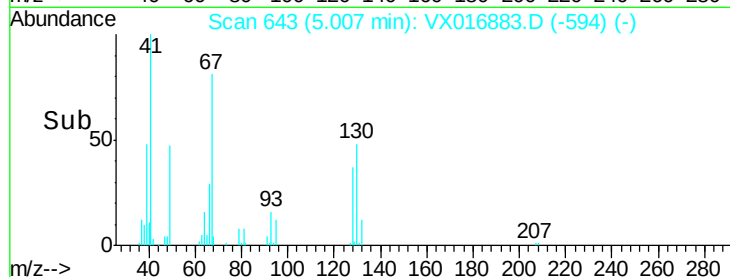
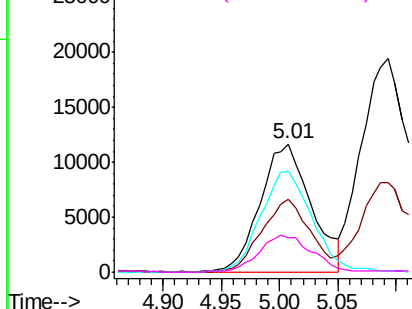
#41
Methacrylonitrile
Concen: 21.731 ug/l
RT: 5.01 min Scan# 643
Delta R.T. 0.00 min
Lab File: VX016883.D
Acq: 19 Jun 2020 16:37

Instrument :
MSVOA_X
ClientSampleId :
VX0619WBSD01

Tot Ion:	41	Resp:	35405
Ion	Ratio	Lower	Upper
41	100		
39	53.7	42.6	64.0
67	79.9	64.2	96.2
52	30.9	25.6	38.4

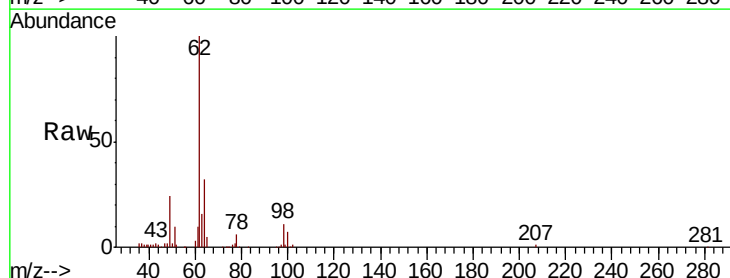


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

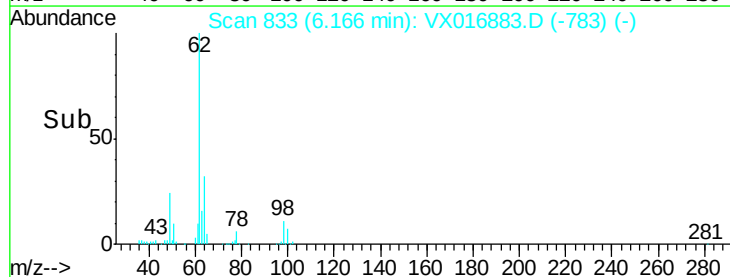
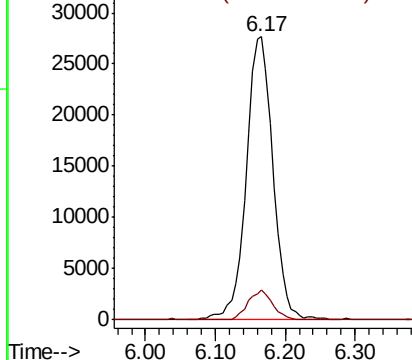


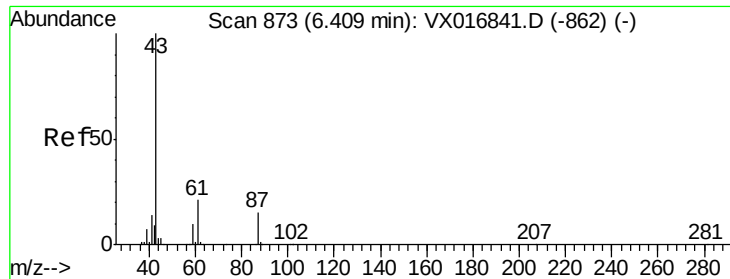
#42
1,2-Dichloroethane
Concen: 20.193 ug/l
RT: 6.17 min Scan# 833
Delta R.T. 0.01 min
Lab File: VX016883.D
Acq: 19 Jun 2020 16:37

Tgt Ion:	62	Resp:	73232
Ion	Ratio	Lower	Upper
62	100		
98	9.8	0.0	20.8



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





#43

Isopropyl Acetate

Concen: 21.129 ug/l

RT: 6.42 min Scan# 874

Delta R.T. 0.01 min

Lab File: VX016883.D

Acq: 19 Jun 2020 16:37

Instrument :

MSVOA_X

ClientSampleId :

VX0619WBSD01

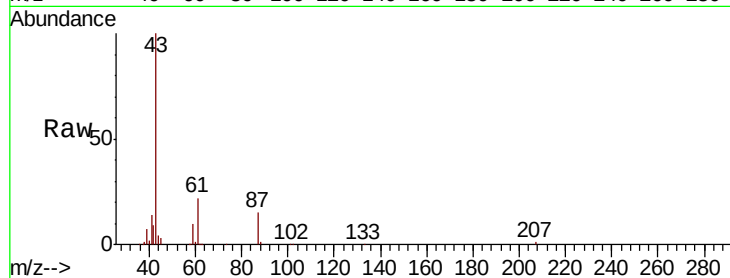
Tot Ion: 43 Resp: 110730

Ion Ratio Lower Upper

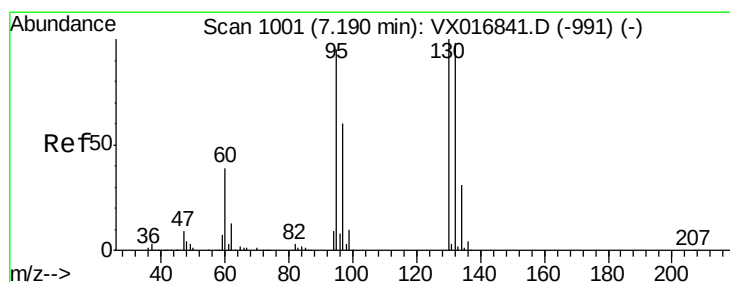
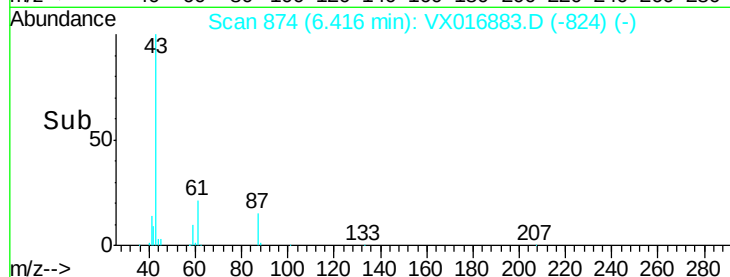
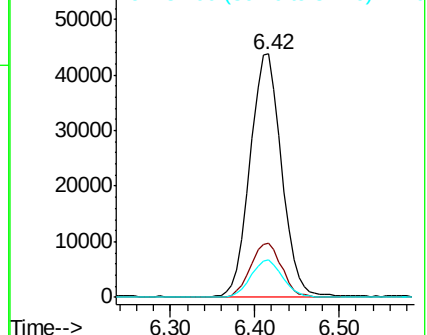
43 100

61 22.2 17.9 26.9

87 15.5 12.4 18.6



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



#44

Trichloroethene

Concen: 19.612 ug/l

RT: 7.19 min Scan# 1001

Delta R.T. 0.00 min

Lab File: VX016883.D

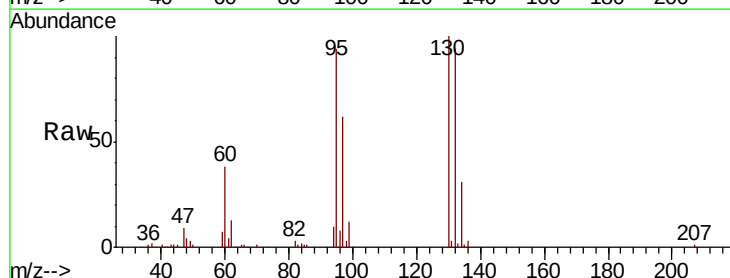
Acq: 19 Jun 2020 16:37

Tgt Ion:130 Resp: 61213

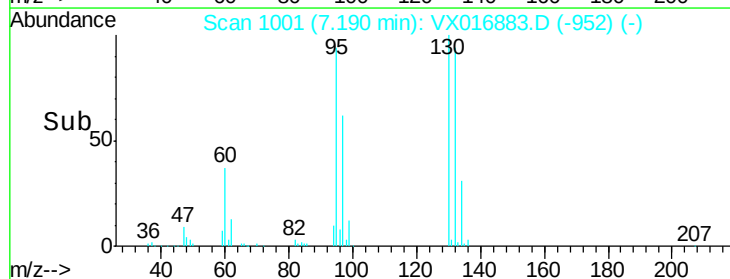
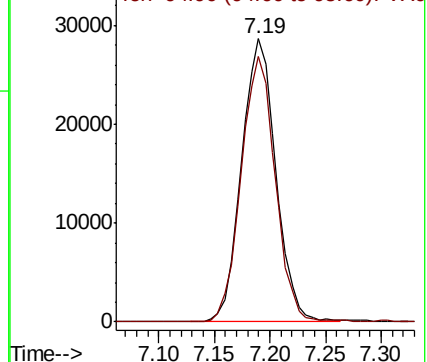
Ion Ratio Lower Upper

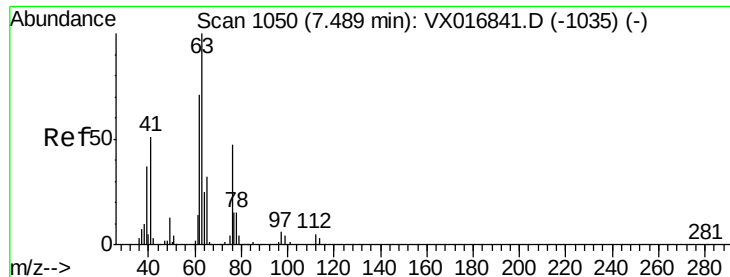
130 100

95 93.9 0.0 190.8



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





#45

1,2-Dichloropropane

Concen: 20.136 ug/l

RT: 7.49 min Scan# 1050

Delta R.T. 0.00 min

Lab File: VX016883.D

Acq: 19 Jun 2020 16:37

Instrument :

MSVOA_X

ClientSampleId :

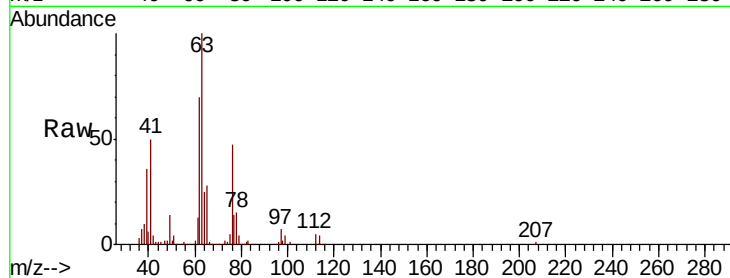
VX0619WBSD01

Tot Ion: 63 Resp: 51590

Ion Ratio Lower Upper

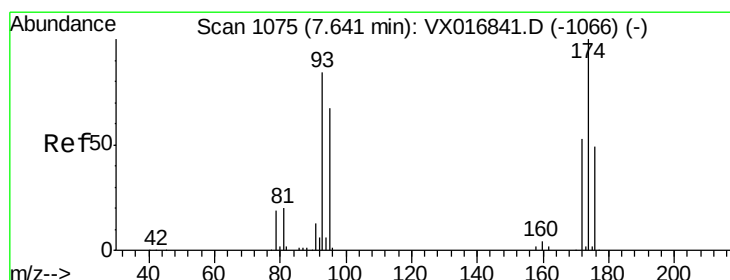
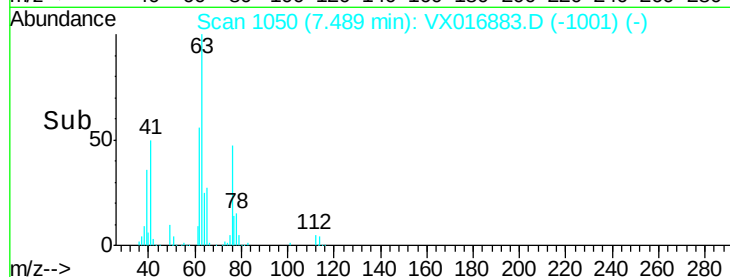
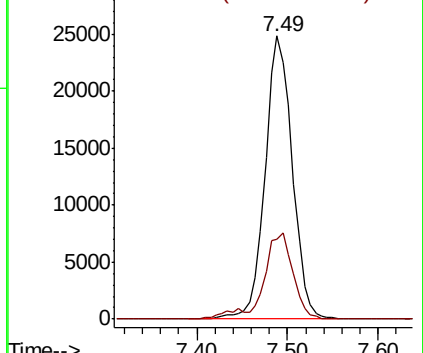
63 100

65 28.1 25.8 38.8



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 21.016 ug/l

RT: 7.64 min Scan# 1075

Delta R.T. 0.00 min

Lab File: VX016883.D

Acq: 19 Jun 2020 16:37

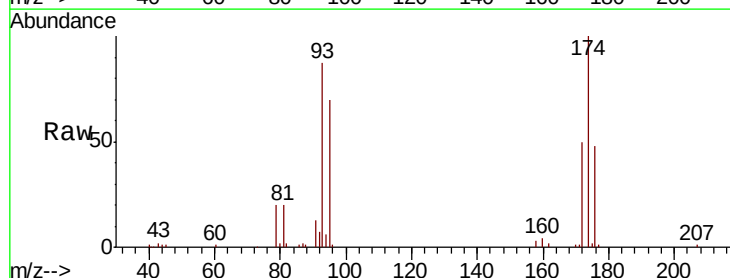
Tgt Ion: 93 Resp: 36515

Ion Ratio Lower Upper

93 100

95 82.4 65.7 98.5

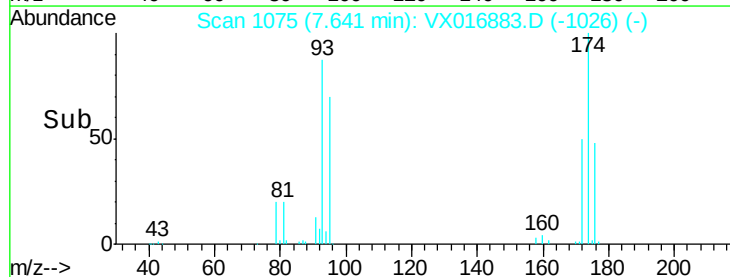
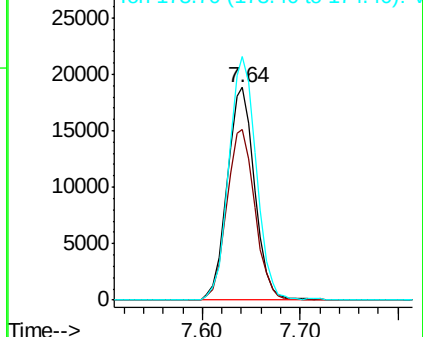
174 114.2 92.8 139.2

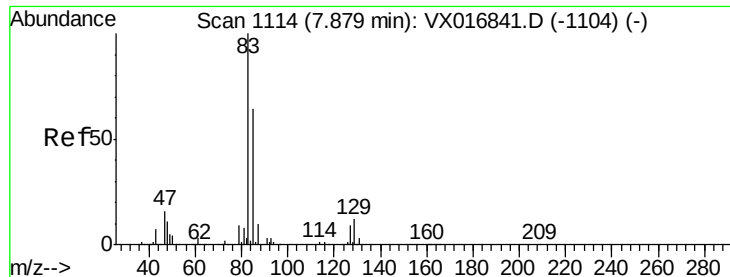


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 22.000 ug/l

RT: 7.88 min Scan# 1114

Delta R.T. 0.00 min

Lab File: VX016883.D

Acq: 19 Jun 2020 16:37

Instrument :

MSVOA_X

ClientSampleId :

VX0619WBSD01

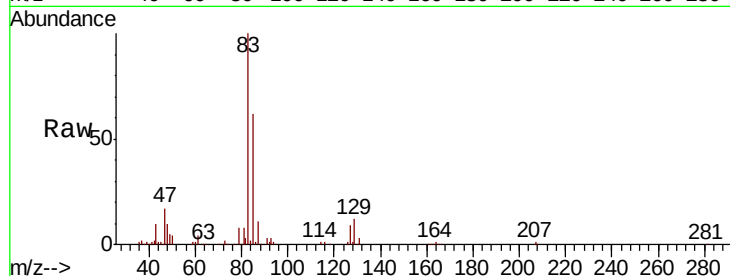
Tot Ion: 83 Resp: 81297

Ion Ratio Lower Upper

83 100

85 61.6 50.9 76.3

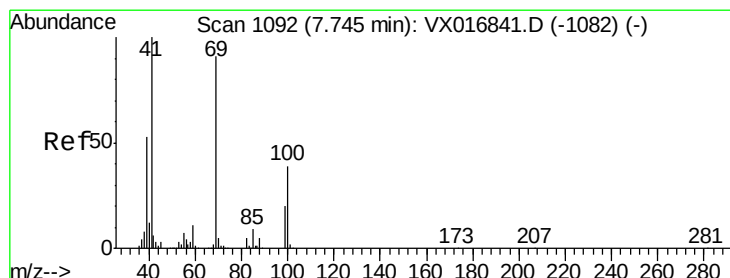
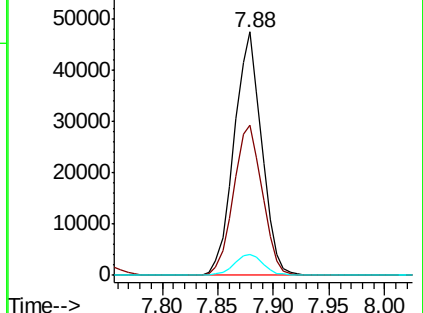
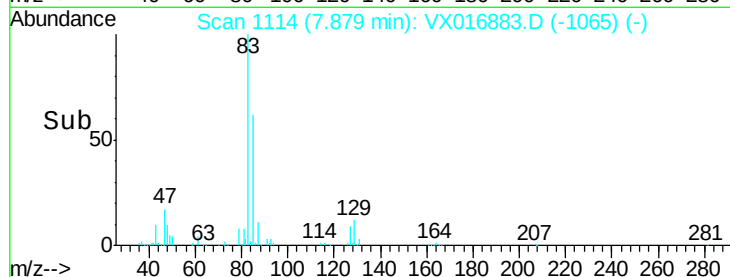
127 8.8 7.4 11.0



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 20.900 ug/l

RT: 7.74 min Scan# 1092

Delta R.T. 0.00 min

Lab File: VX016883.D

Acq: 19 Jun 2020 16:37

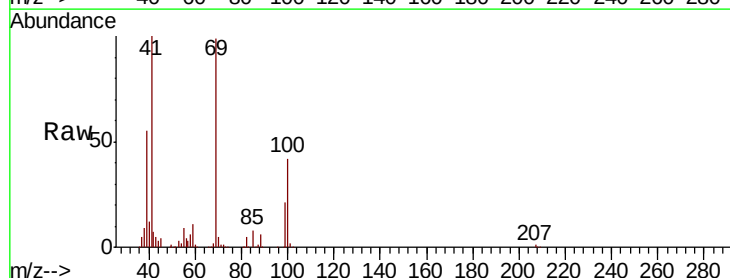
Tgt Ion: 41 Resp: 51577

Ion Ratio Lower Upper

41 100

69 94.8 73.3 109.9

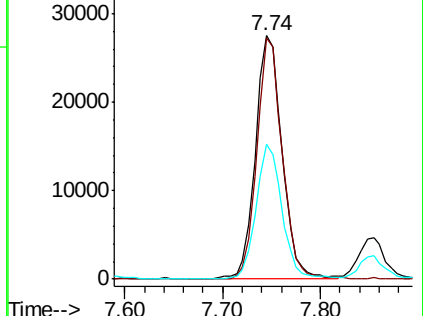
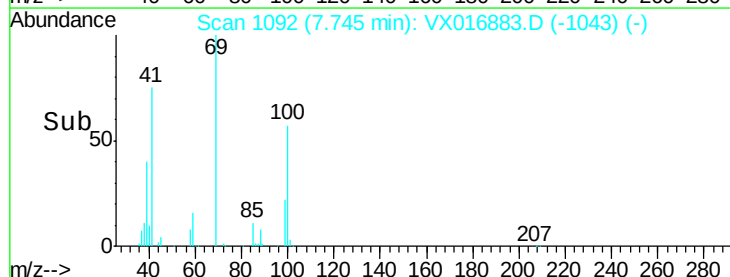
39 54.4 42.4 63.6

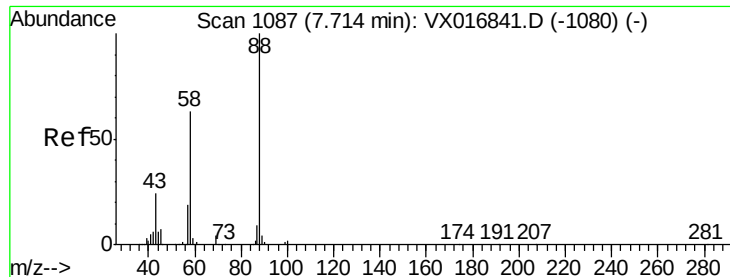


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#49

1,4-Dioxane

Concen: 479.603 ug/l

RT: 7.71 min Scan# 1087

Delta R.T. 0.00 min

Lab File: VX016883.D

Acq: 19 Jun 2020 16:37

Instrument :

MSVOA_X

ClientSampleId :

VX0619WBSD01

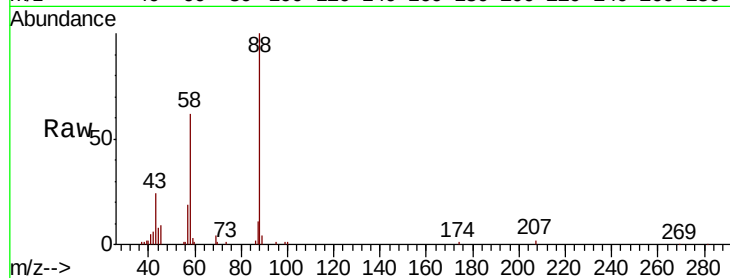
Tot Ion: 88 Resp: 26494

Ion Ratio Lower Upper

88 100

43 26.2 22.7 34.1

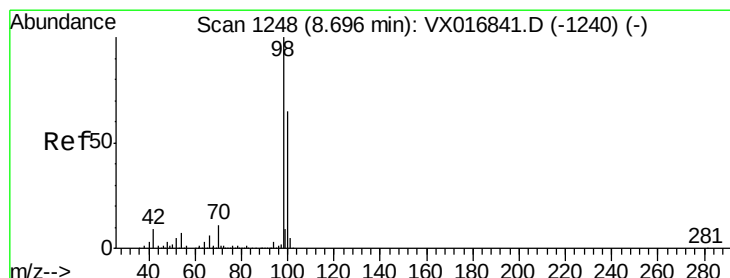
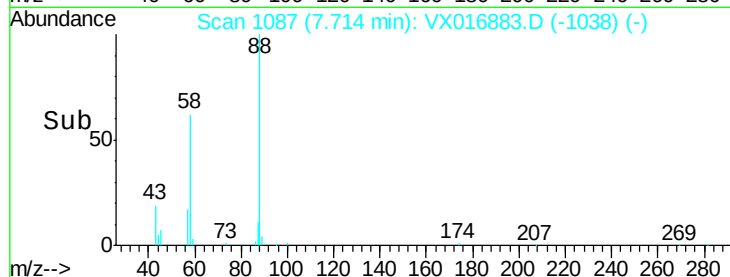
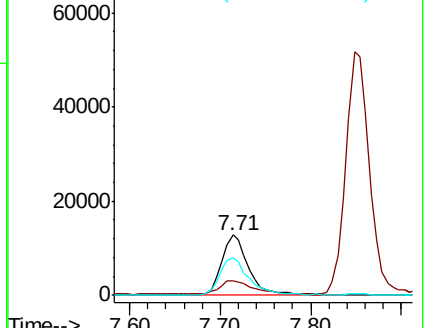
58 67.2 53.1 79.7



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: 48.619 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. 0.00 min

Lab File: VX016883.D

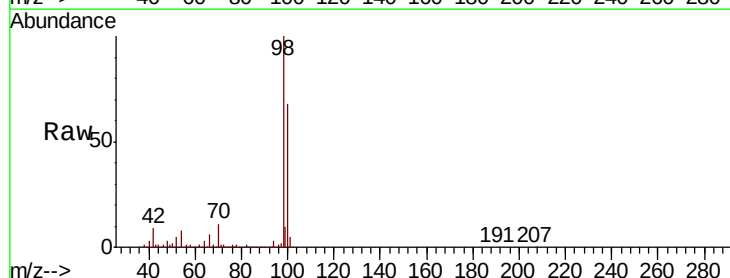
Acq: 19 Jun 2020 16:37

Tgt Ion: 98 Resp: 457741

Ion Ratio Lower Upper

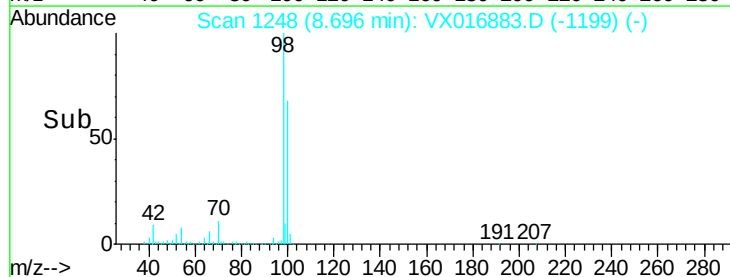
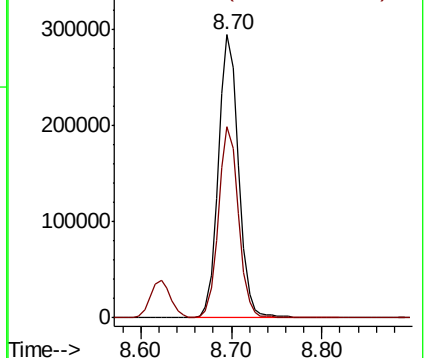
98 100

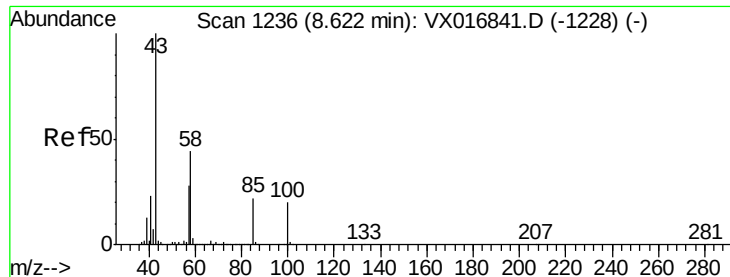
100 66.6 54.0 81.0



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V

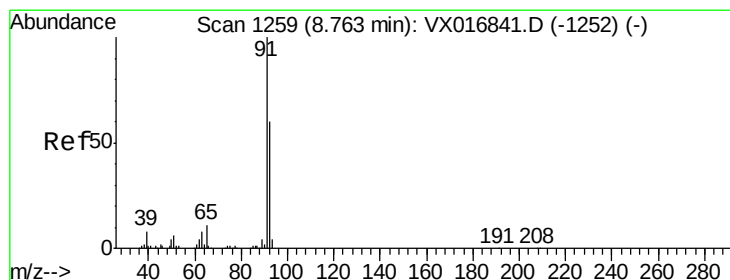
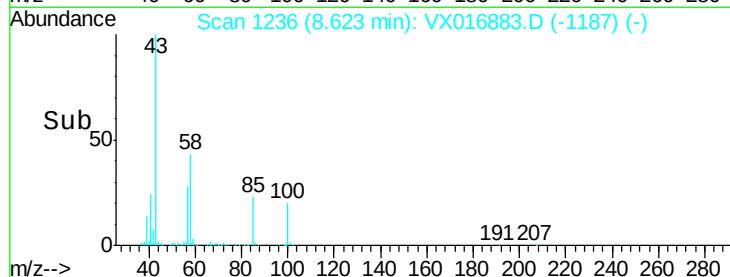
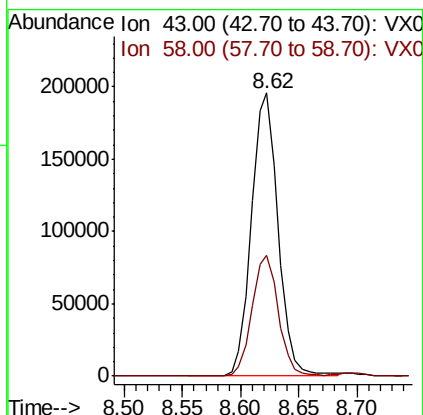
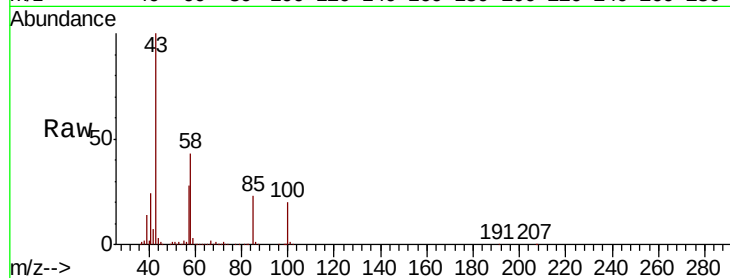




#51
4-Methyl-2-Pentanone
Concen: 99.104 ug/l
RT: 8.62 min Scan# 1236
Delta R.T. 0.00 min
Lab File: VX016883.D
Acq: 19 Jun 2020 16:37

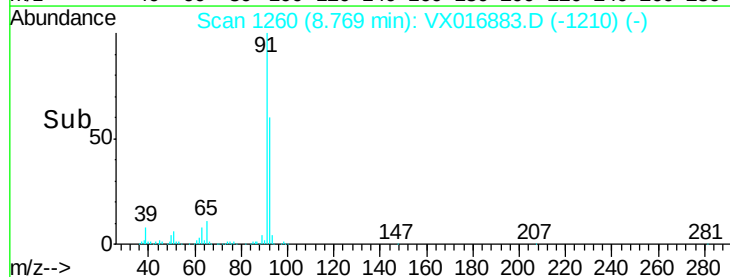
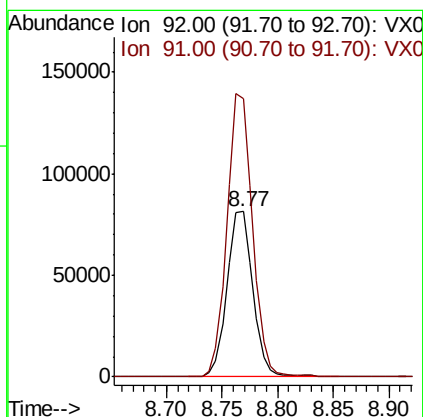
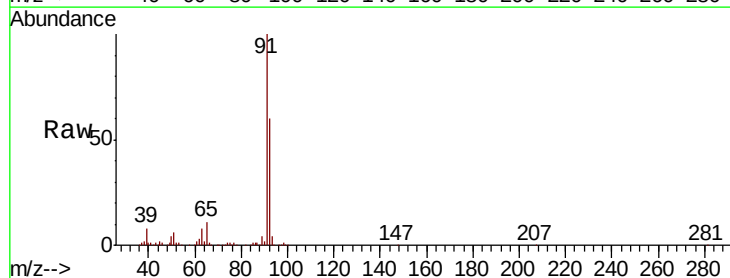
Instrument :
MSVOA_X
ClientSampleId :
VX0619WBSD01

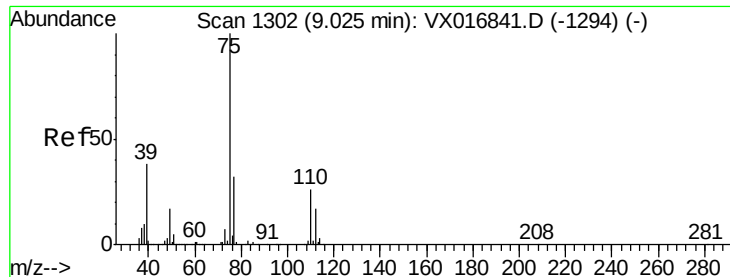
Tot Ion: 43 Resp: 312382
Ion Ratio Lower Upper
43 100
58 42.4 34.3 51.5



#52
Toluene
Concen: 19.405 ug/l
RT: 8.77 min Scan# 1260
Delta R.T. 0.01 min
Lab File: VX016883.D
Acq: 19 Jun 2020 16:37

Tgt Ion: 92 Resp: 131198
Ion Ratio Lower Upper
92 100
91 169.7 134.2 201.2





#53

t-1,3-Dichloropropene

Concen: 20.983 ug/l

RT: 9.02 min Scan# 1302

Delta R.T. 0.00 min

Lab File: VX016883.D

Acq: 19 Jun 2020 16:37

Instrument :

MSVOA_X

ClientSampleId :

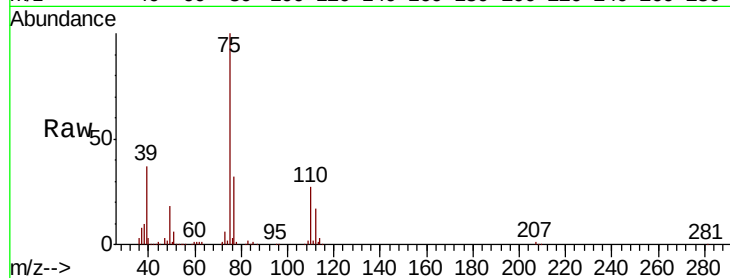
VX0619WBSD01

Tot Ion: 75 Resp: 85243

Ion Ratio Lower Upper

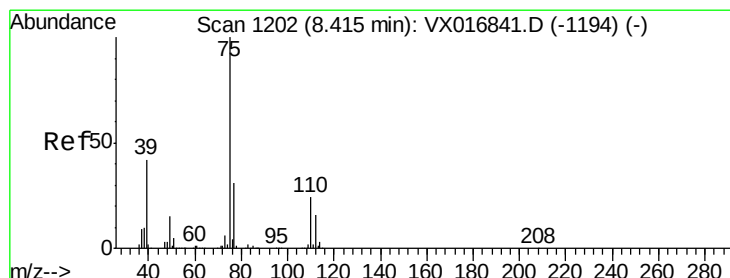
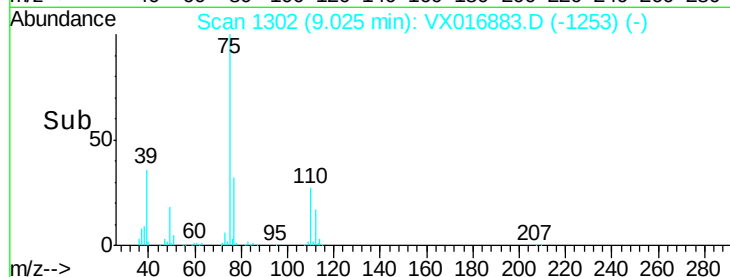
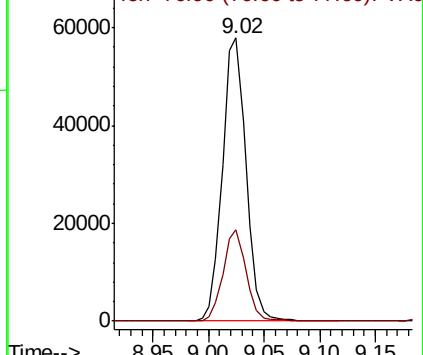
75 100

77 32.2 25.3 37.9



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0



#54

cis-1,3-Dichloropropene

Concen: 20.062 ug/l

RT: 8.42 min Scan# 1202

Delta R.T. 0.00 min

Lab File: VX016883.D

Acq: 19 Jun 2020 16:37

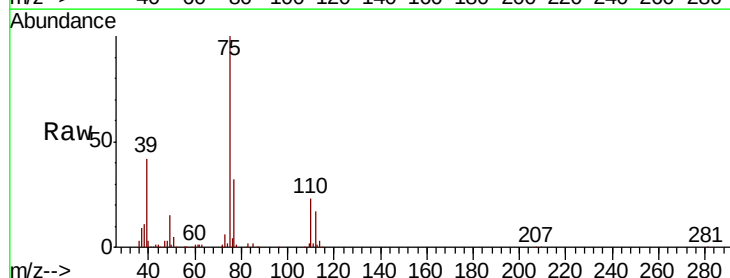
Tgt Ion: 75 Resp: 87190

Ion Ratio Lower Upper

75 100

77 31.9 24.9 37.3

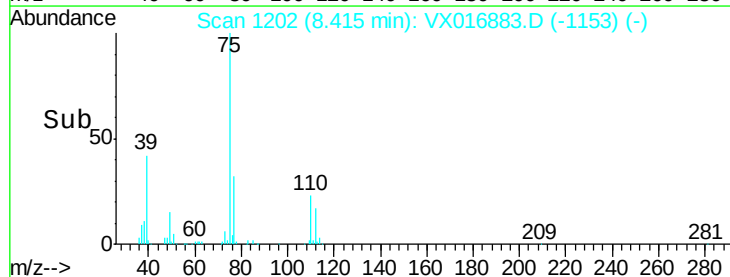
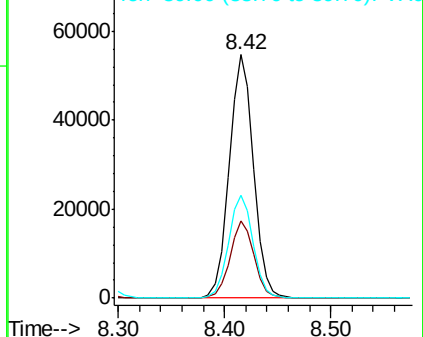
39 42.2 33.4 50.0

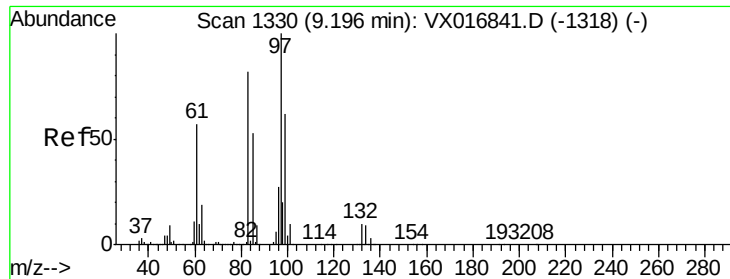


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

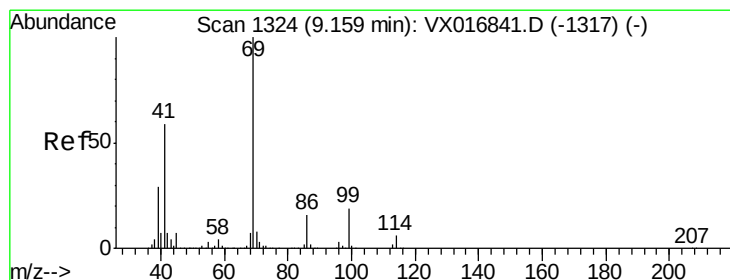
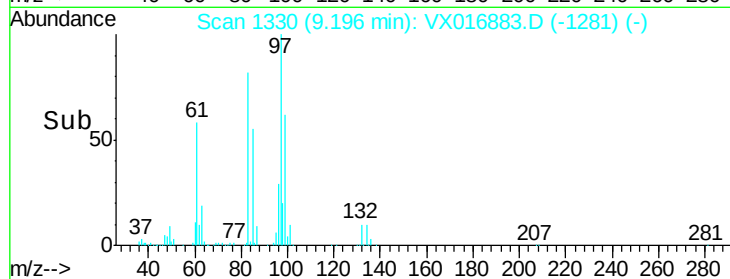
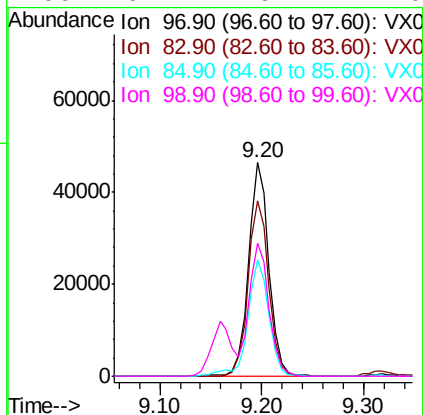
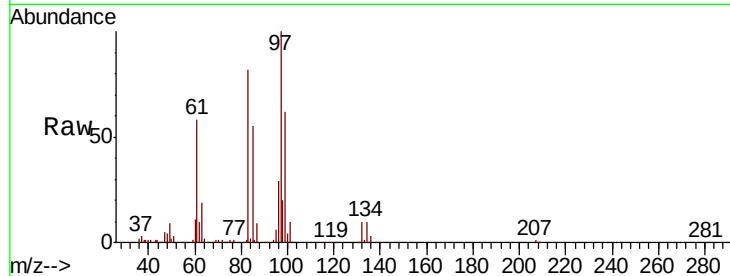




#55
 1,1,2-Trichloroethane
 Concen: 25.172 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. 0.00 min
 Lab File: VX016883.D
 Acq: 19 Jun 2020 16:37

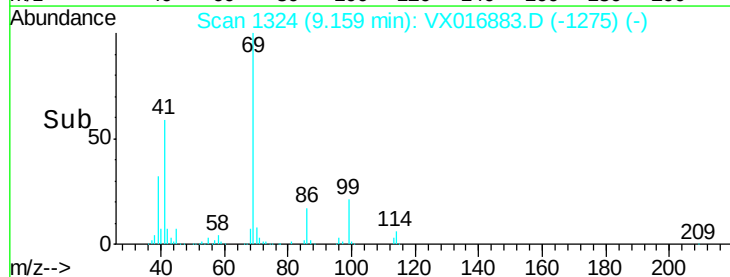
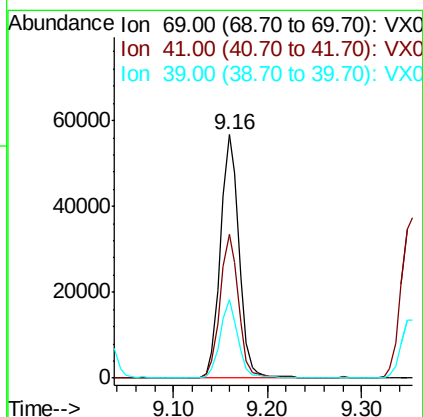
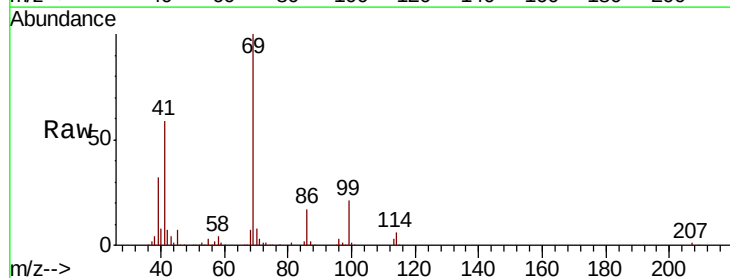
Instrument :
 MSVOA_X
 ClientSampled :
 VX0619WBSD01

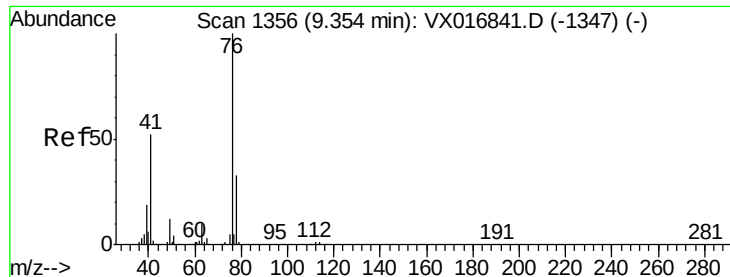
Tot Ion:	97	Resp:	64256
Ion	Ratio	Lower	Upper
97	100		
83	81.9	65.5	98.3
85	54.5	42.6	63.8
99	62.2	49.4	74.0



#56
 Ethyl methacrylate
 Concen: 21.001 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. 0.00 min
 Lab File: VX016883.D
 Acq: 19 Jun 2020 16:37

Tgt Ion:	69	Resp:	77609
Ion	Ratio	Lower	Upper
69	100		
41	59.4	47.9	71.9
39	31.6	24.2	36.4





#57

1,3-Dichloropropane

Concen: 23.397 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. 0.00 min

Lab File: VX016883.D

Acq: 19 Jun 2020 16:37

Instrument :

MSVOA_X

ClientSampleId :

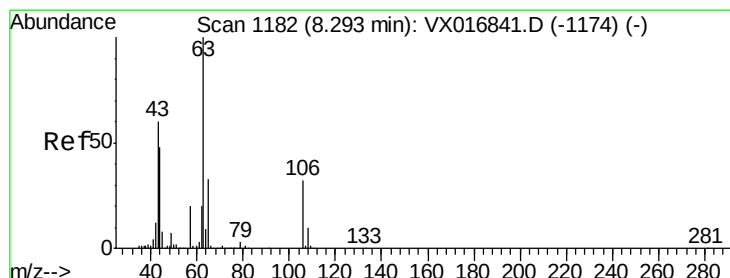
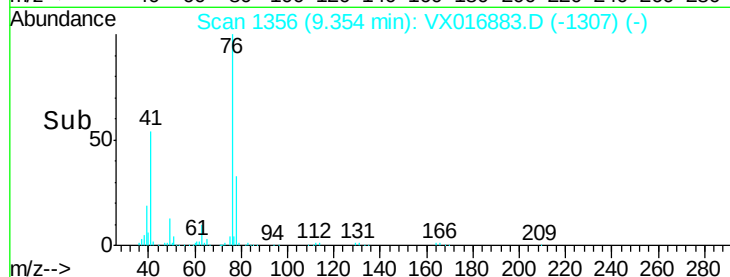
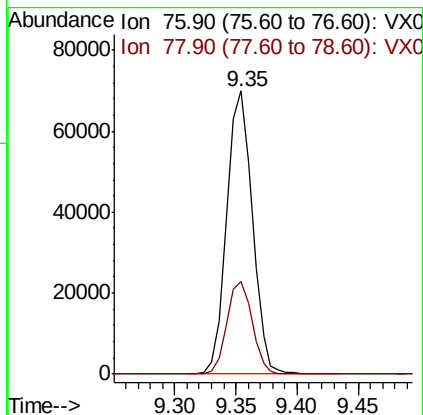
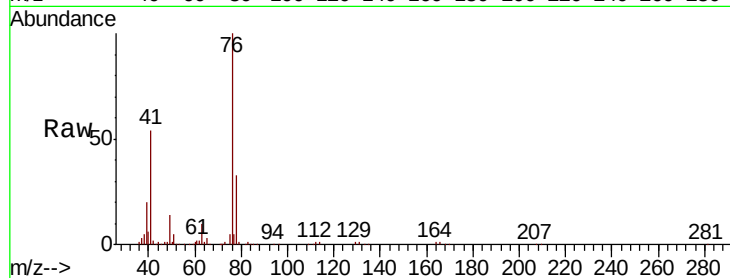
VX0619WBSD01

Tot Ion: 76 Resp: 101248

Ion Ratio Lower Upper

76 100

78 32.3 25.8 38.6



#58

2-Chloroethyl Vinyl ether

Concen: 98.550 ug/l

RT: 8.29 min Scan# 1182

Delta R.T. 0.00 min

Lab File: VX016883.D

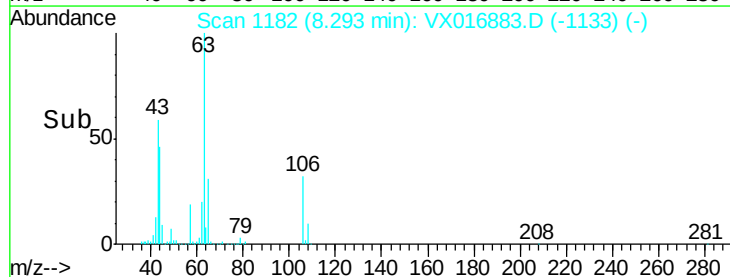
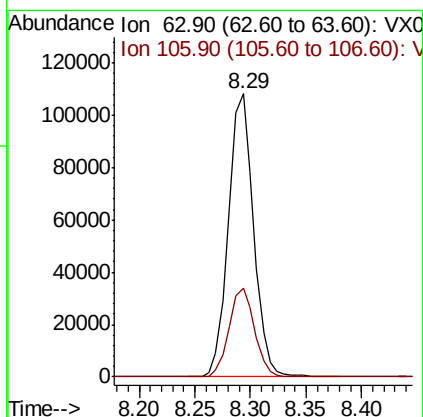
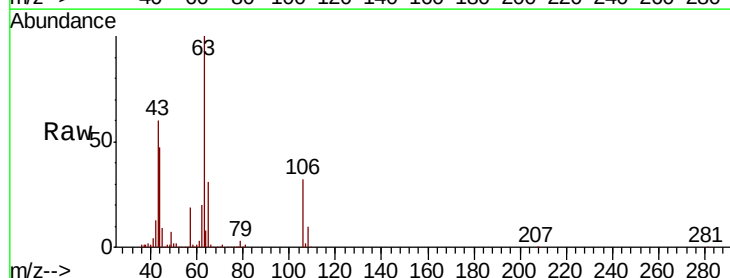
Acq: 19 Jun 2020 16:37

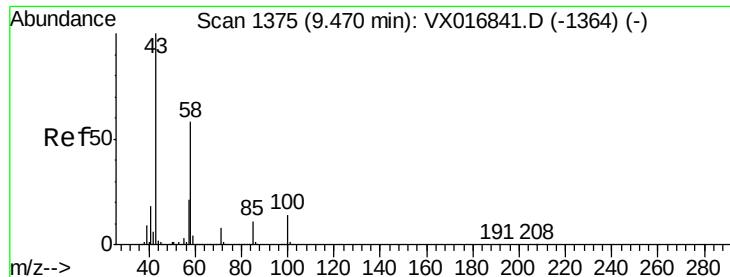
Tgt Ion: 63 Resp: 169457

Ion Ratio Lower Upper

63 100

106 32.0 25.8 38.6

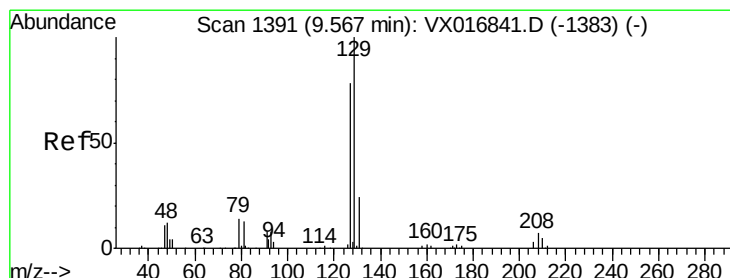
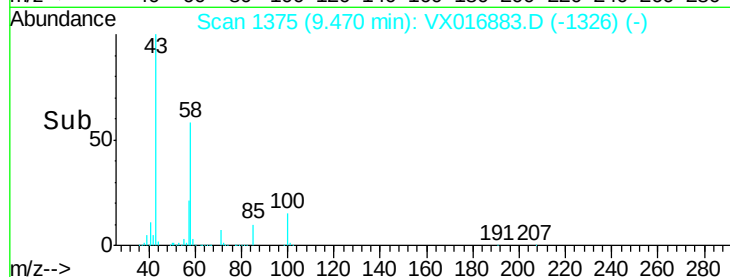
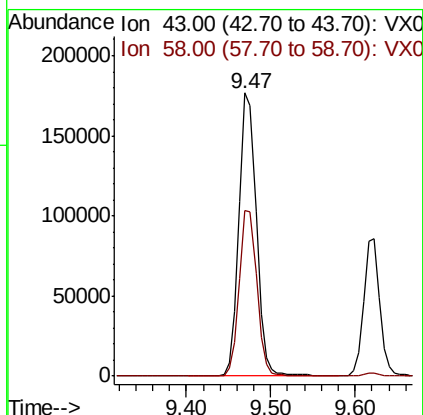
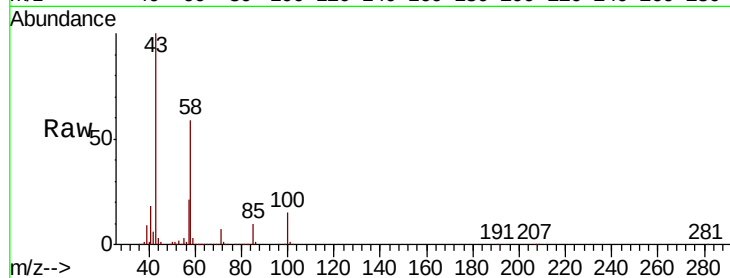




#59
2-Hexanone
Concen: 107.502 ug/l
RT: 9.47 min Scan# 1375
Delta R.T. 0.00 min
Lab File: VX016883.D
Acq: 19 Jun 2020 16:37

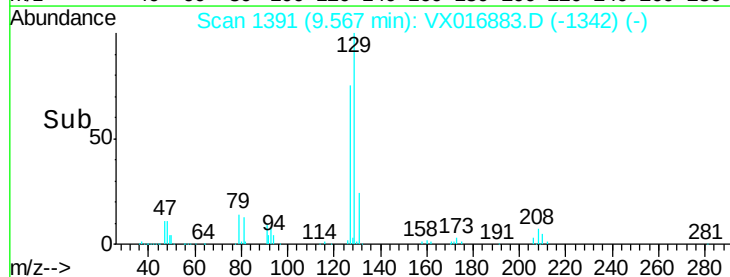
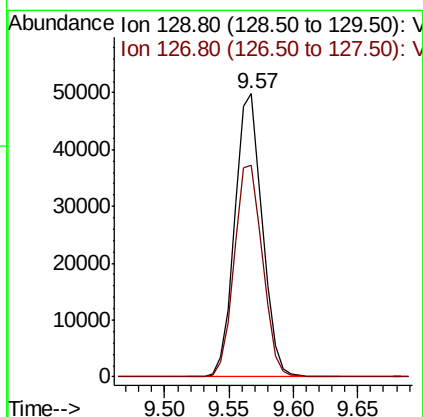
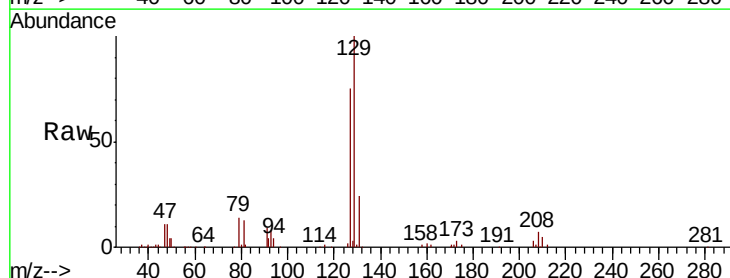
Instrument :
MSVOA_X
ClientSampleId :
VX0619WBSD01

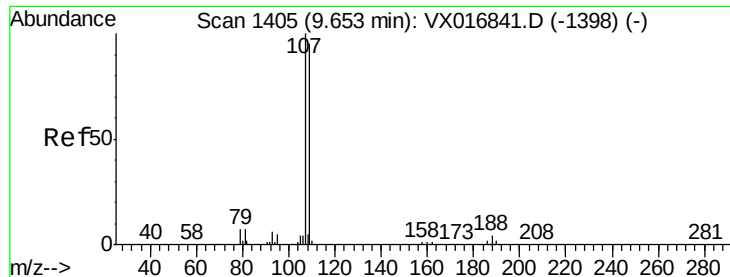
Tot Ion: 43 Resp: 245386
Ion Ratio Lower Upper
43 100
58 59.2 29.8 89.4



#60
Dibromochloromethane
Concen: 24.167 ug/l
RT: 9.57 min Scan# 1391
Delta R.T. 0.00 min
Lab File: VX016883.D
Acq: 19 Jun 2020 16:37

Tgt Ion: 129 Resp: 74006
Ion Ratio Lower Upper
129 100
127 76.9 38.5 115.5





#61

1,2-Dibromoethane

Concen: 23.021 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. 0.00 min

Lab File: VX016883.D

Acq: 19 Jun 2020 16:37

Instrument :

MSVOA_X

ClientSampleId :

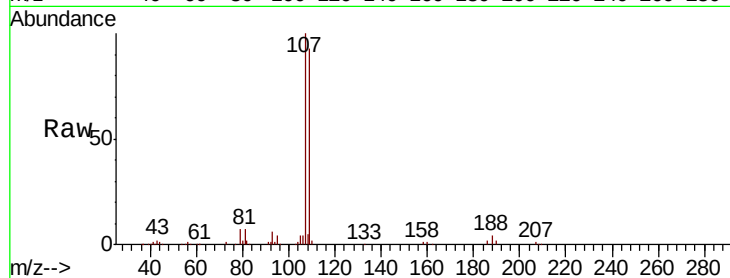
VX0619WBSD01

Tot Ion:107 Resp: 63773

Ion Ratio Lower Upper

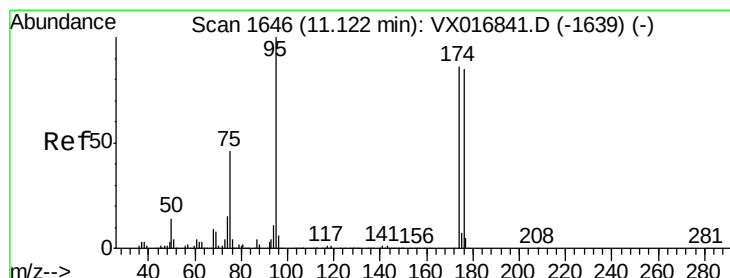
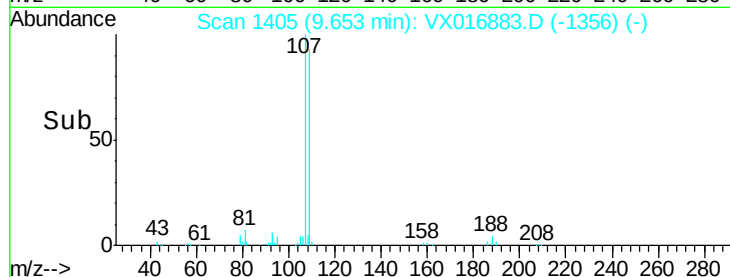
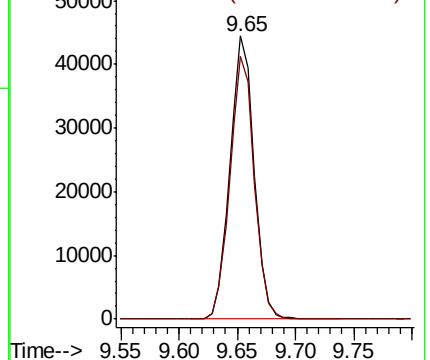
107 100

109 93.9 75.4 113.0



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 48.894 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. 0.00 min

Lab File: VX016883.D

Acq: 19 Jun 2020 16:37

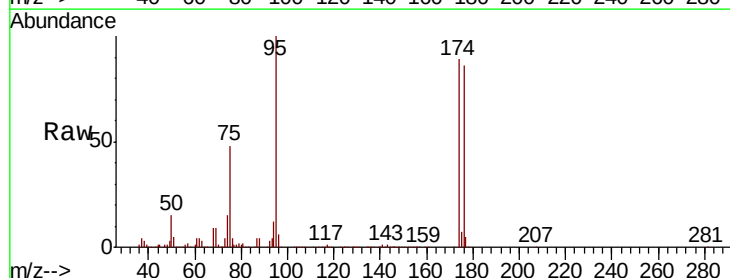
Tgt Ion: 95 Resp: 176370

Ion Ratio Lower Upper

95 100

174 86.5 0.0 174.2

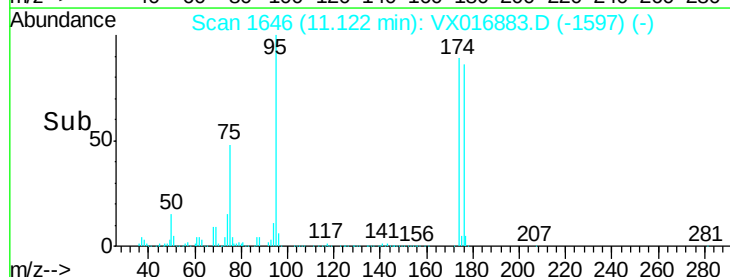
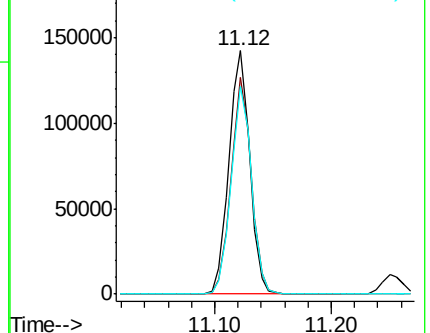
176 84.3 0.0 170.0

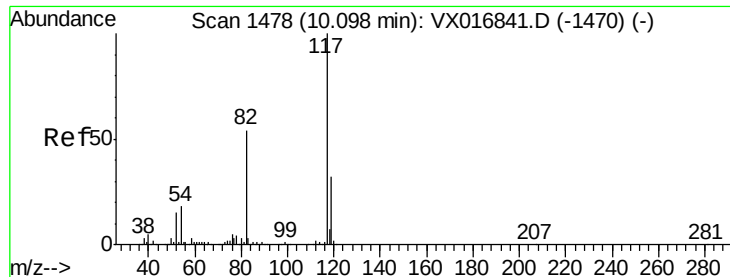


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

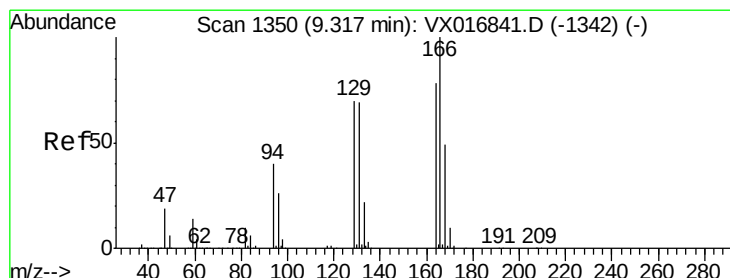
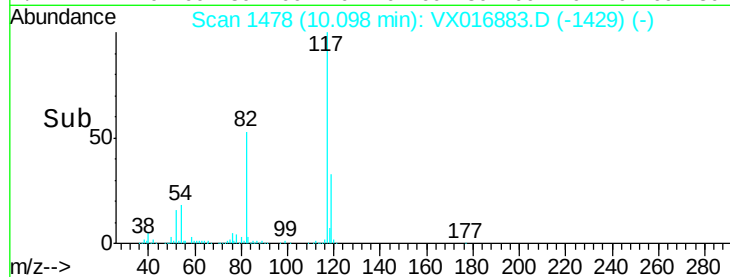
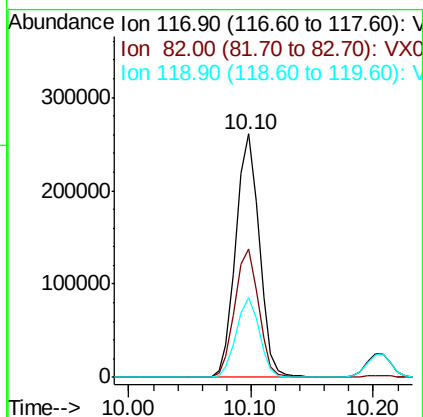
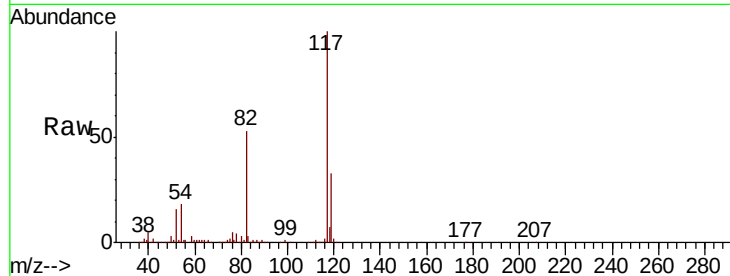




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. 0.00 min
Lab File: VX016883.D
Acq: 19 Jun 2020 16:37

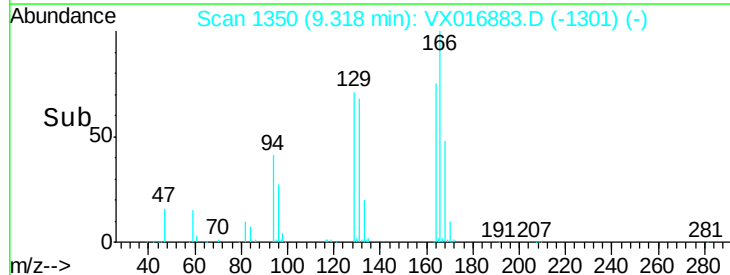
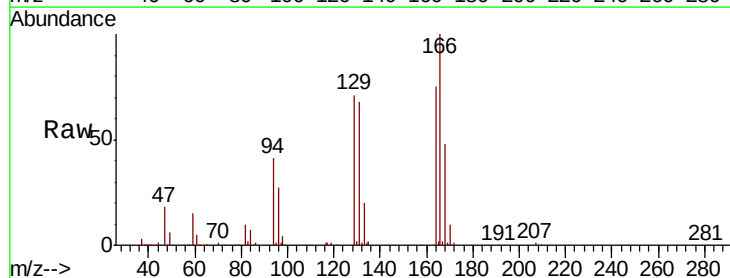
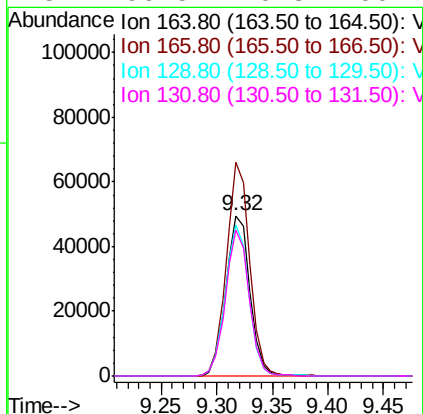
Instrument :
MSVOA_X
ClientSampled :
VX0619WBSD01

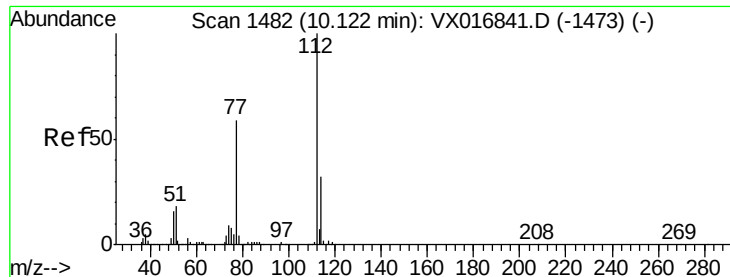
Tot Ion:117 Resp: 346678
Ion Ratio Lower Upper
117 100
82 52.8 43.4 65.0
119 32.8 25.7 38.5



#64
Tetrachloroethene
Concen: 23.138 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. 0.00 min
Lab File: VX016883.D
Acq: 19 Jun 2020 16:37

Tgt Ion:164 Resp: 74279
Ion Ratio Lower Upper
164 100
166 133.0 102.6 153.8
129 93.8 72.2 108.2
131 90.5 70.8 106.2

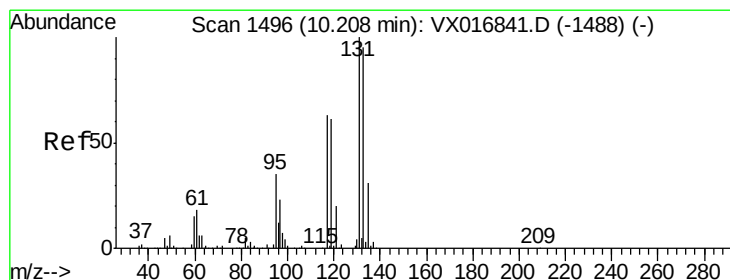
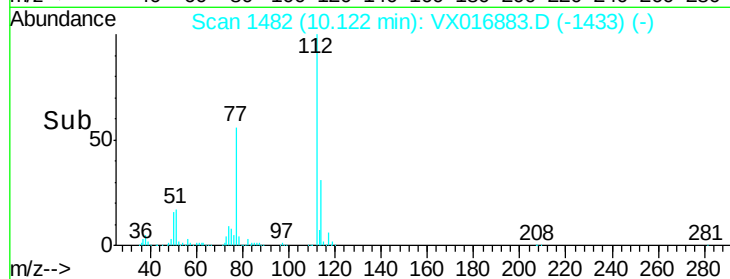
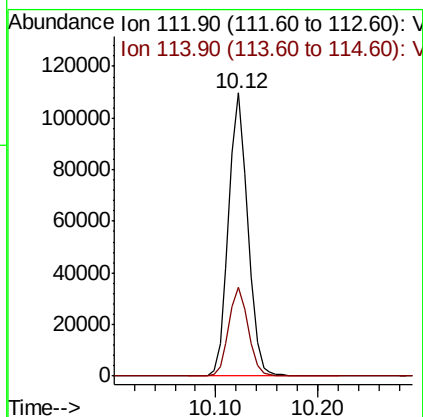
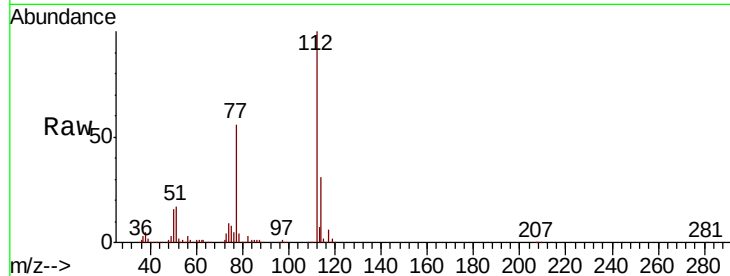




#65
Chlorobenzene
Concen: 20.381 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. 0.00 min
Lab File: VX016883.D
Acq: 19 Jun 2020 16:37

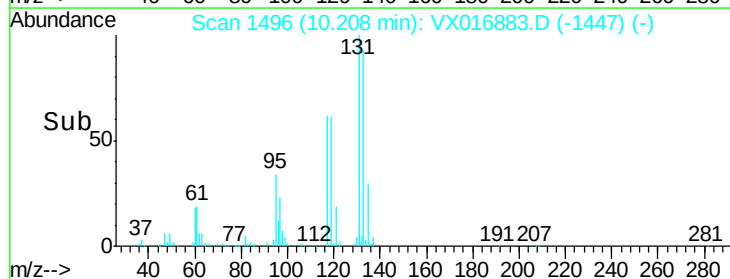
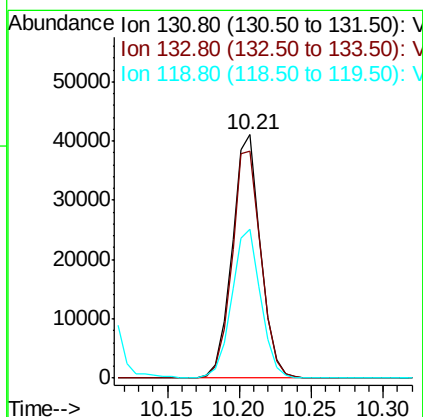
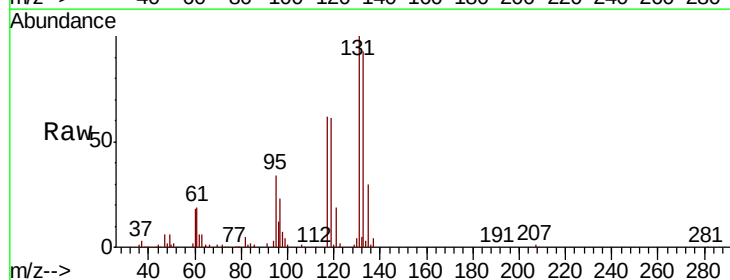
Instrument :
MSVOA_X
ClientSampleId :
VX0619WBSD01

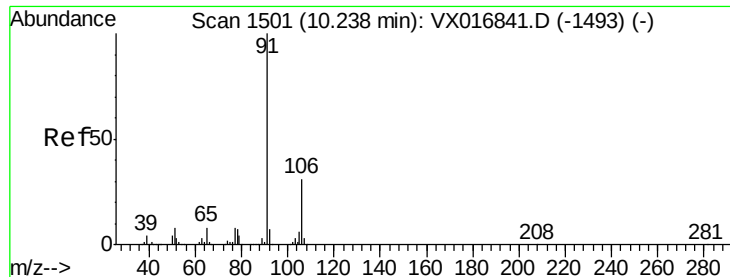
Tot Ion:112 Resp: 143080
Ion Ratio Lower Upper
112 100
114 31.5 25.5 38.3



#66
1,1,1,2-Tetrachloroethane
Concen: 20.724 ug/l
RT: 10.21 min Scan# 1496
Delta R.T. 0.00 min
Lab File: VX016883.D
Acq: 19 Jun 2020 16:37

Tgt Ion:131 Resp: 56384
Ion Ratio Lower Upper
131 100
133 95.5 47.7 143.1
119 62.6 30.8 92.4





#67

Ethyl Benzene

Concen: 20.565 ug/l

RT: 10.24 min Scan# 1501

Delta R.T. 0.00 min

Lab File: VX016883.D

Acq: 19 Jun 2020 16:37

Instrument :

MSVOA_X

ClientSampleId :

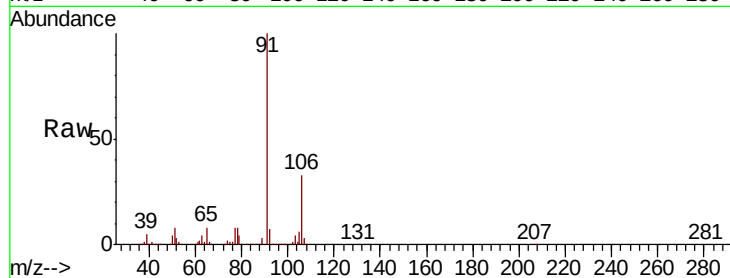
VX0619WBSD01

Tot Ion: 91 Resp: 243583

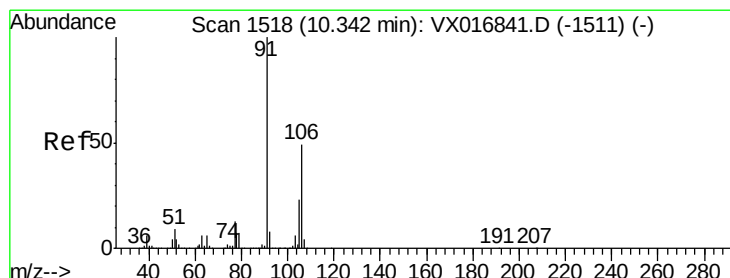
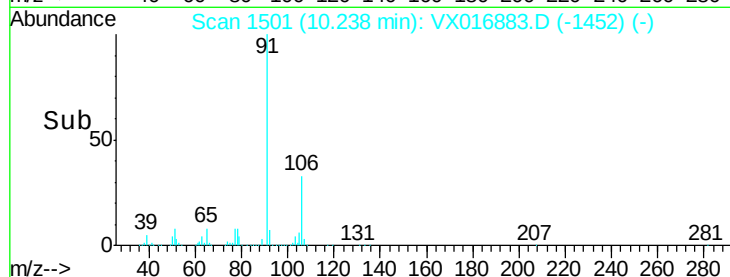
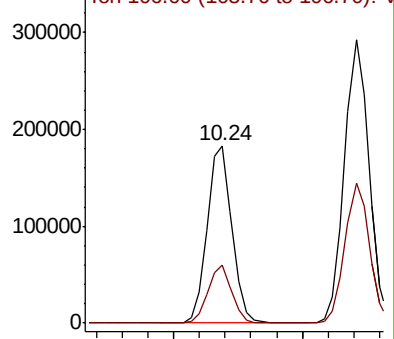
Ion Ratio Lower Upper

91 100

106 32.7 25.1 37.7



Abundance Ion 91.00 (90.70 to 91.70): VX0



#68

m/p-Xylenes

Concen: 41.178 ug/l

RT: 10.34 min Scan# 1518

Delta R.T. 0.00 min

Lab File: VX016883.D

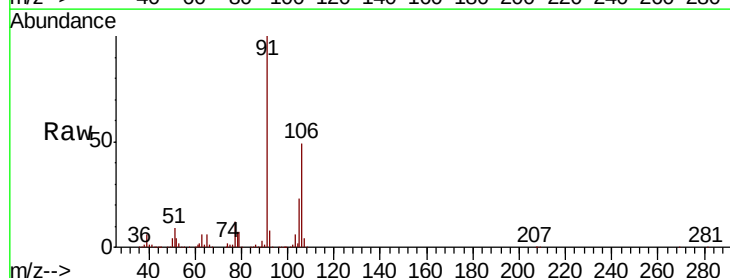
Acq: 19 Jun 2020 16:37

Tgt Ion: 106 Resp: 189794

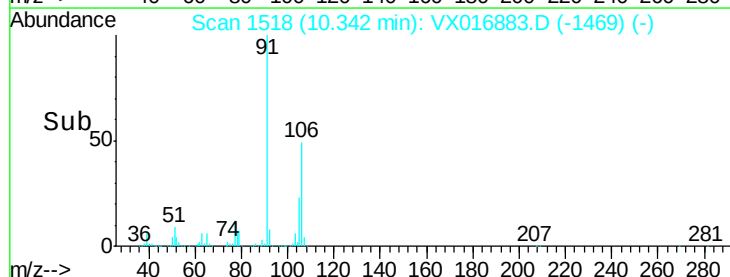
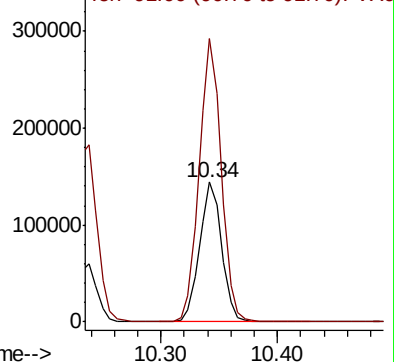
Ion Ratio Lower Upper

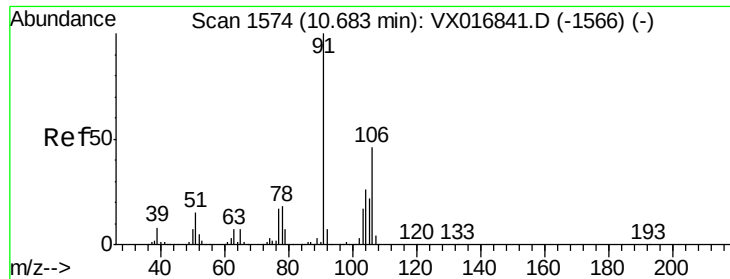
106 100

91 202.3 161.5 242.3



Abundance Ion 106.00 (105.70 to 106.70): V

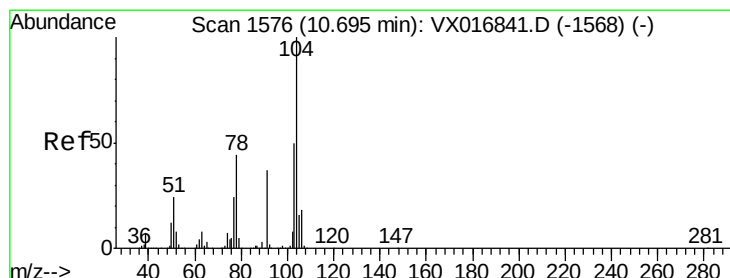
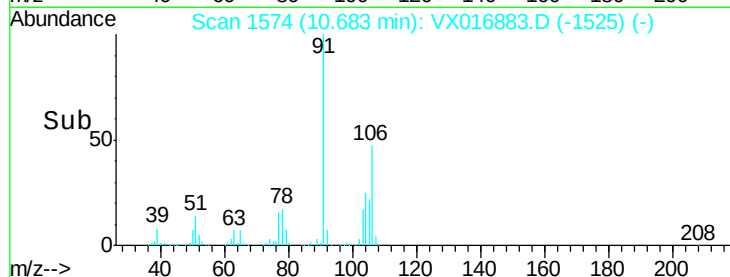
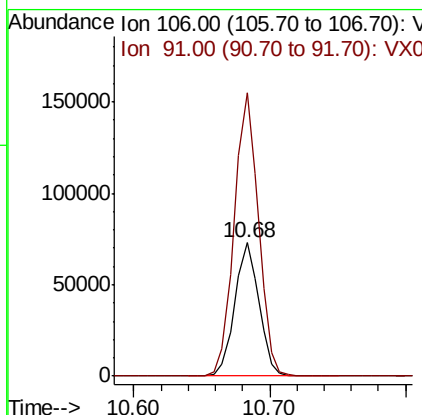
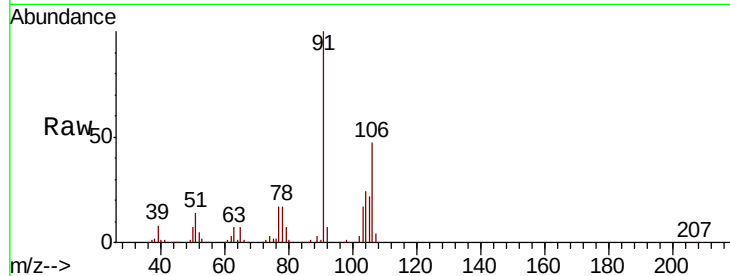




#69
o-Xylene
Concen: 21.185 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. 0.00 min
Lab File: VX016883.D
Acq: 19 Jun 2020 16:37

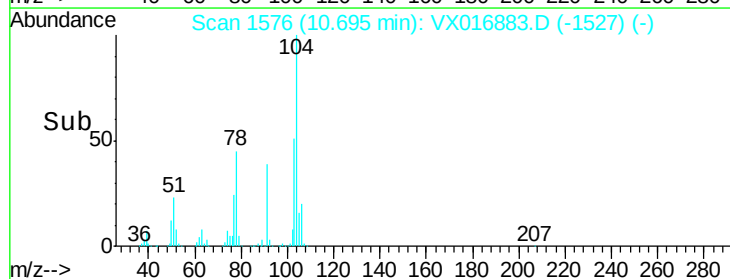
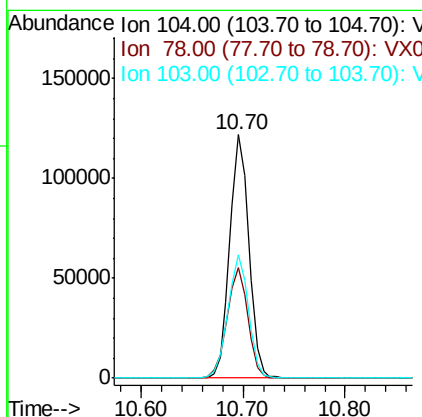
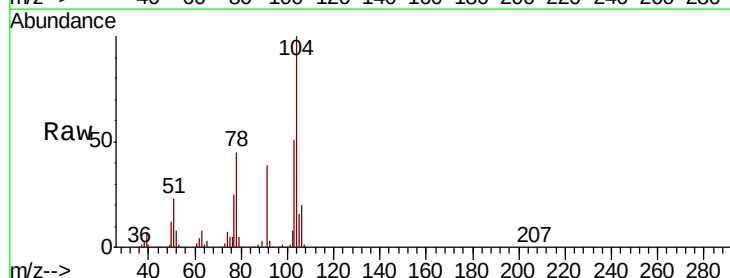
Instrument :
MSVOA_X
ClientSampleId :
VX0619WBSD01

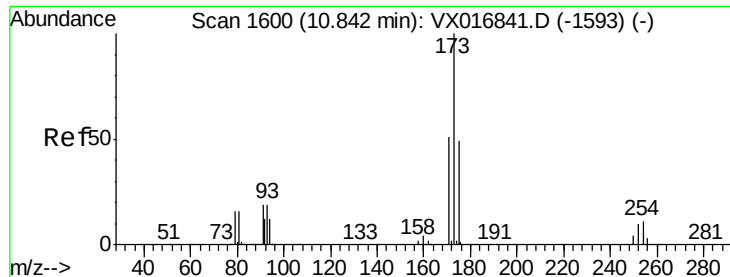
Tot Ion:106 Resp: 90289
Ion Ratio Lower Upper
106 100
91 212.5 107.9 323.7



#70
Styrene
Concen: 21.823 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. 0.00 min
Lab File: VX016883.D
Acq: 19 Jun 2020 16:37

Tgt Ion:104 Resp: 158032
Ion Ratio Lower Upper
104 100
78 49.3 39.6 59.4
103 54.5 43.3 64.9





#71

Bromoform

Concen: 21.020 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. 0.00 min

Lab File: VX016883.D

Acq: 19 Jun 2020 16:37

Instrument :

MSVOA_X

ClientSampleId :

VX0619WBSD01

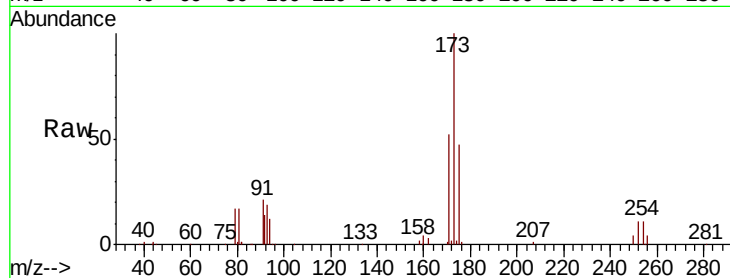
Tot Ion:173 Resp: 48083

Ion Ratio Lower Upper

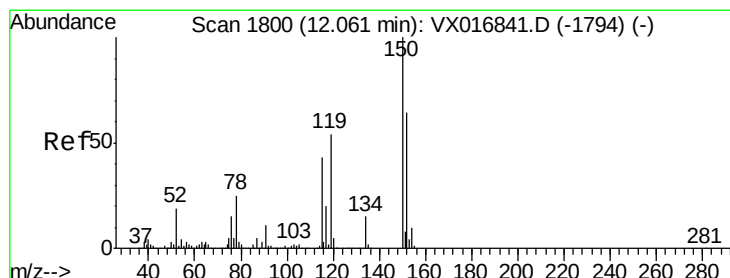
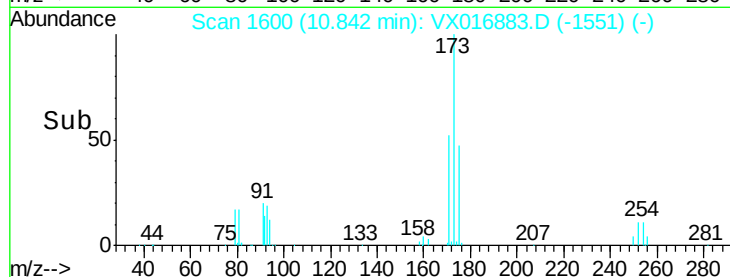
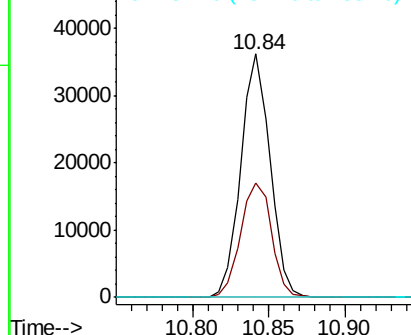
173 100

175 49.6 24.3 73.0

254 0.2 0.1 0.1#



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. 0.00 min

Lab File: VX016883.D

Acq: 19 Jun 2020 16:37

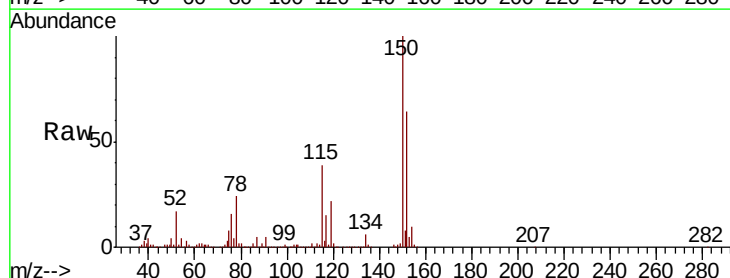
Tgt Ion:152 Resp: 183763

Ion Ratio Lower Upper

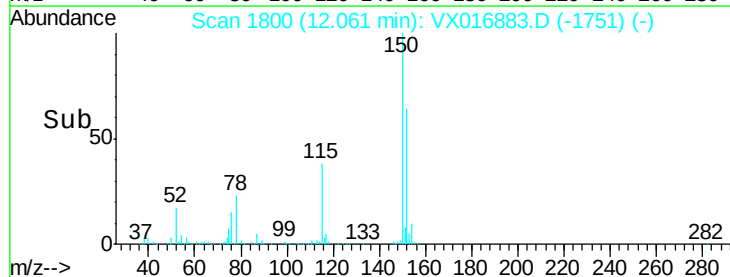
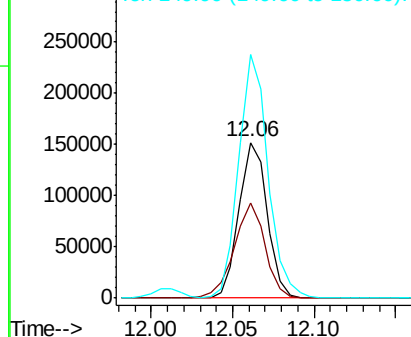
152 100

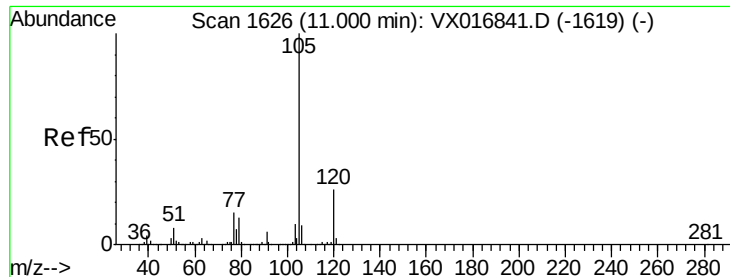
115 66.2 40.9 122.8

150 162.7 0.0 344.2



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





#73

Isopropylbenzene

Concen: 20.811 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. 0.00 min

Lab File: VX016883.D

Acq: 19 Jun 2020 16:37

Instrument :

MSVOA_X

ClientSampleId :

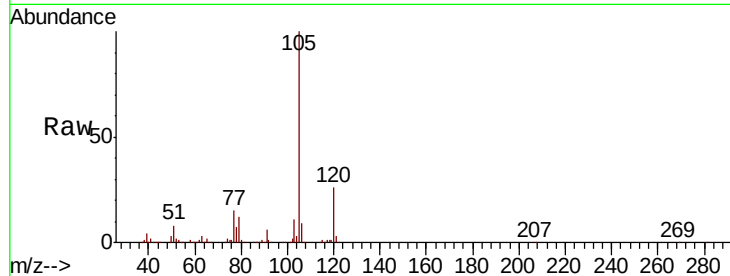
VX0619WBSD01

Tot Ion:105 Resp: 246223

Ion Ratio Lower Upper

105 100

120 26.6 13.2 39.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

200000

150000

100000

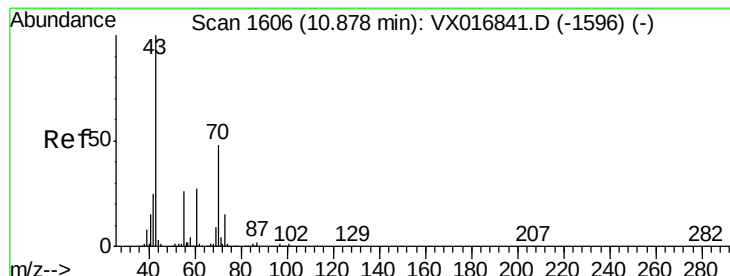
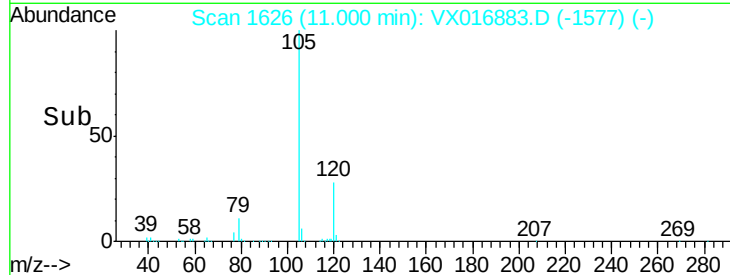
50000

0

11.00

11.10

Time-->



#74

N-ethyl acetate

Concen: 21.531 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. 0.00 min

Lab File: VX016883.D

Acq: 19 Jun 2020 16:37

Tgt Ion: 43 Resp: 88955

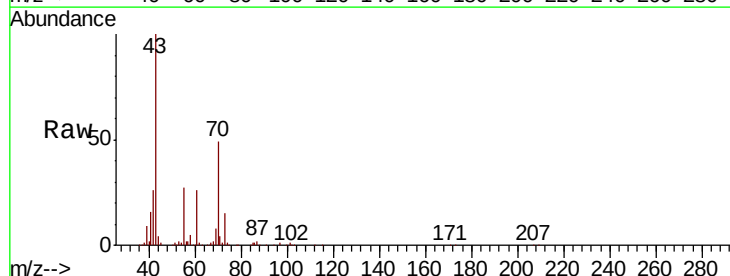
Ion Ratio Lower Upper

43 100

70 49.8 39.9 59.9

55 27.2 21.8 32.6

61 26.9 22.2 33.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

100000

80000

60000

40000

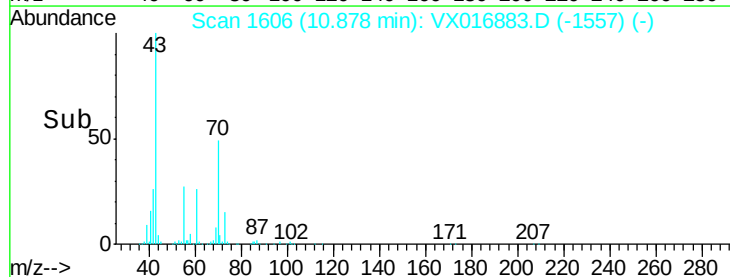
20000

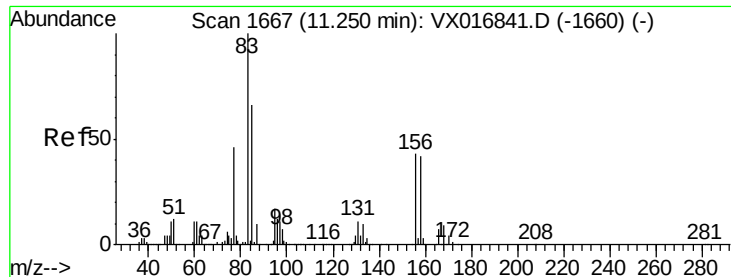
0

10.80

10.90

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 26.448 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. 0.00 min

Lab File: VX016883.D

Acq: 19 Jun 2020 16:37

Instrument :

MSVOA_X

ClientSampleId :

VX0619WBSD01

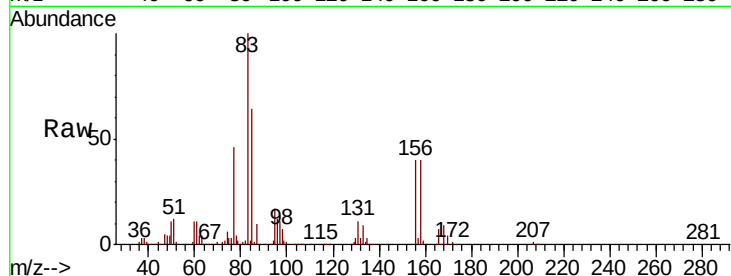
Tot Ion: 83 Resp: 88361

Ion Ratio Lower Upper

83 100

131 10.8 5.7 17.1

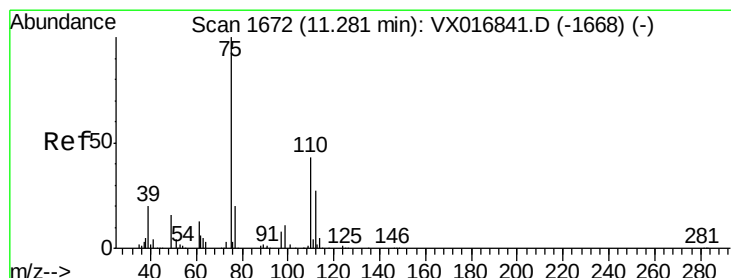
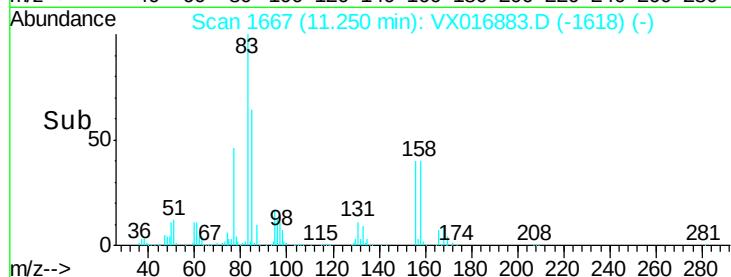
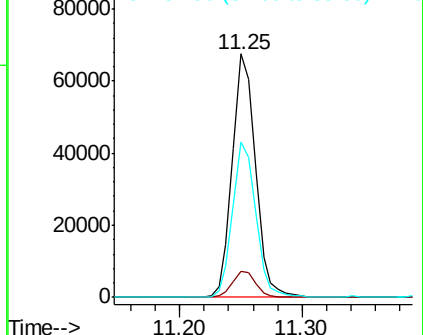
85 64.2 32.6 97.8



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: 33.551 ug/l

RT: 11.28 min Scan# 1672

Delta R.T. 0.00 min

Lab File: VX016883.D

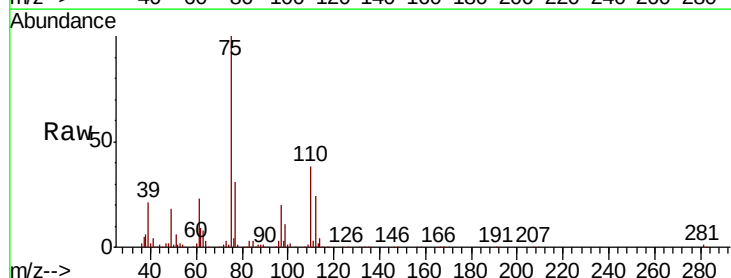
Acq: 19 Jun 2020 16:37

Tgt Ion: 75 Resp: 112602

Ion Ratio Lower Upper

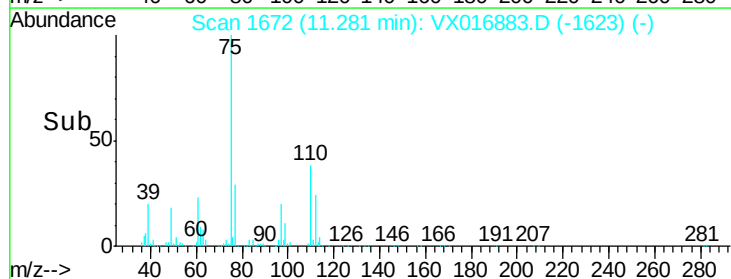
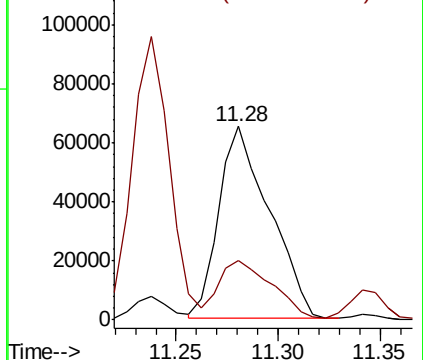
75 100

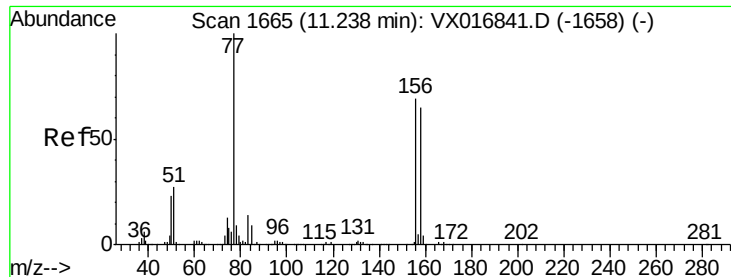
77 32.5 20.5 61.5



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 25.013 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. 0.00 min

Lab File: VX016883.D

Acq: 19 Jun 2020 16:37

Instrument :

MSVOA_X

ClientSampleId :

VX0619WBSD01

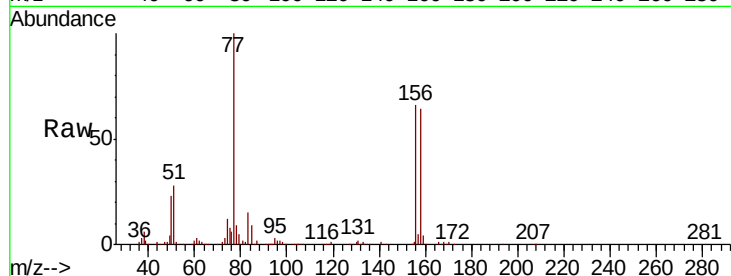
Tot Ion:156 Resp: 80711

Ion Ratio Lower Upper

156 100

77 151.6 73.4 220.2

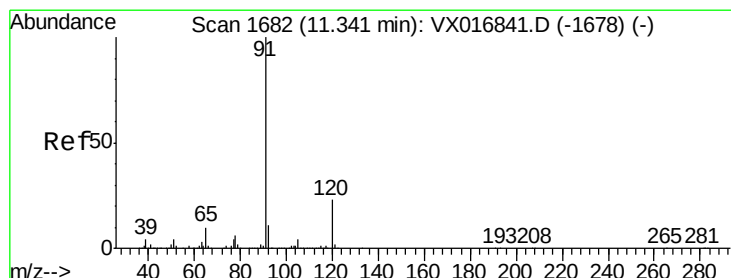
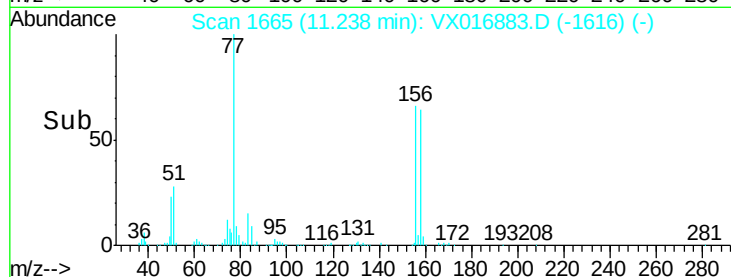
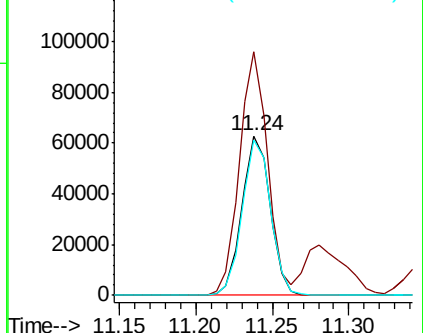
158 97.4 48.8 146.3



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: 24.411 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. 0.00 min

Lab File: VX016883.D

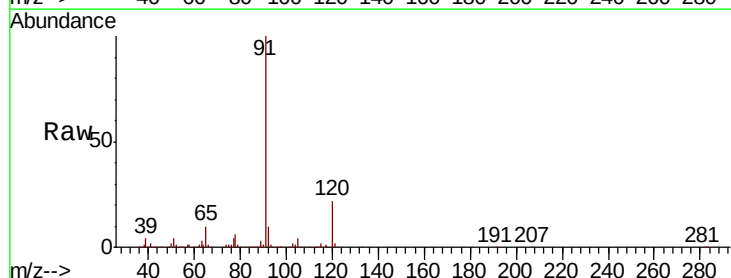
Acq: 19 Jun 2020 16:37

Tgt Ion: 91 Resp: 322333

Ion Ratio Lower Upper

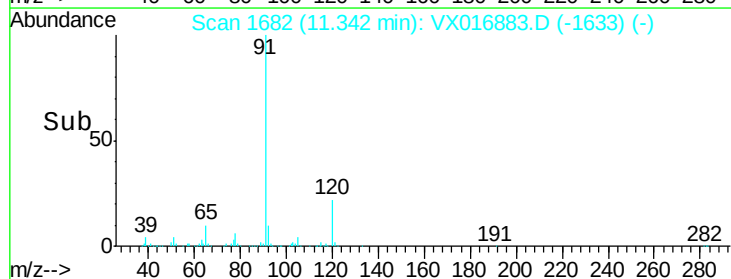
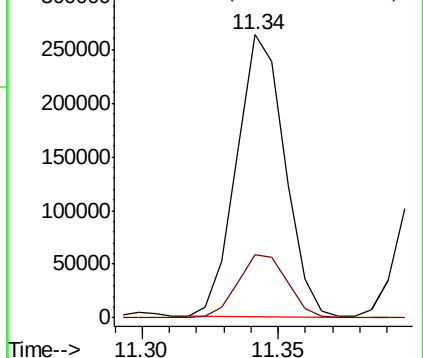
91 100

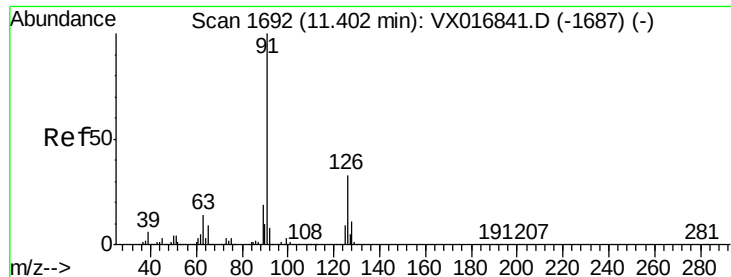
120 23.3 11.9 35.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

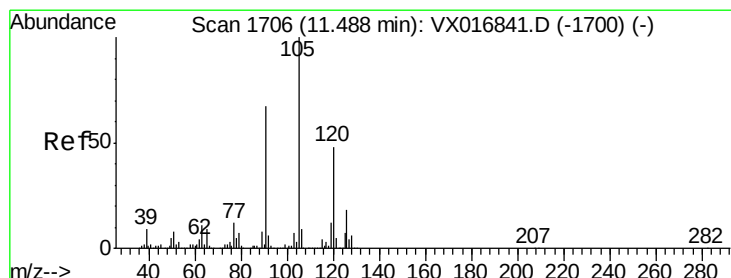
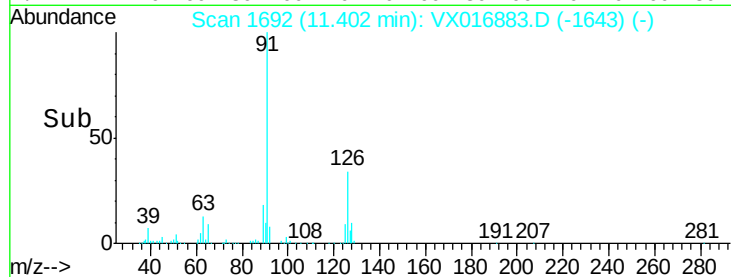
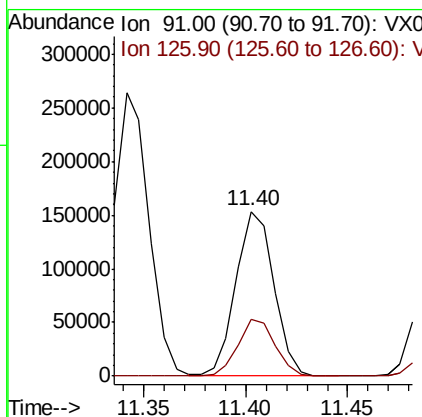
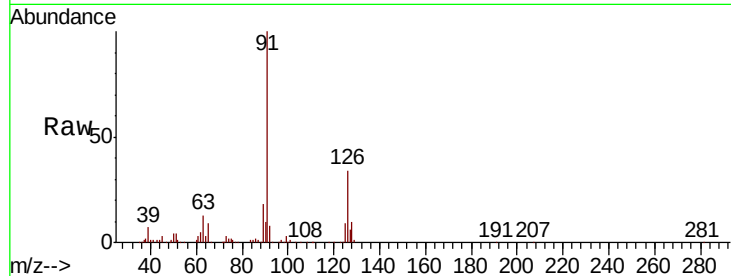




#79
 2-Chlorotoluene
 Concen: 24.427 ug/l
 RT: 11.40 min Scan# 1692
 Delta R.T. 0.00 min
 Lab File: VX016883.D
 Acq: 19 Jun 2020 16:37

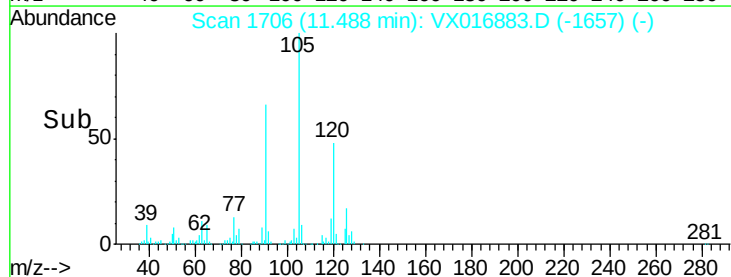
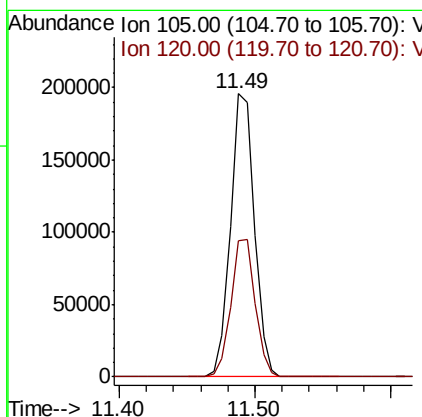
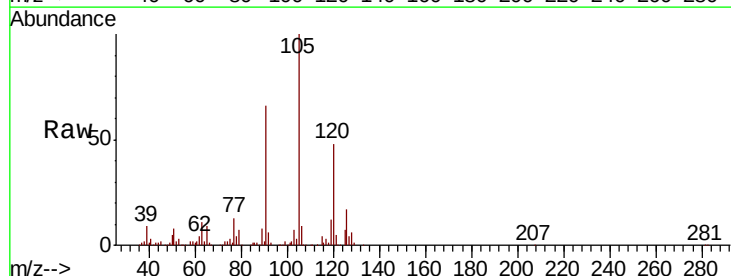
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0619WBSD01

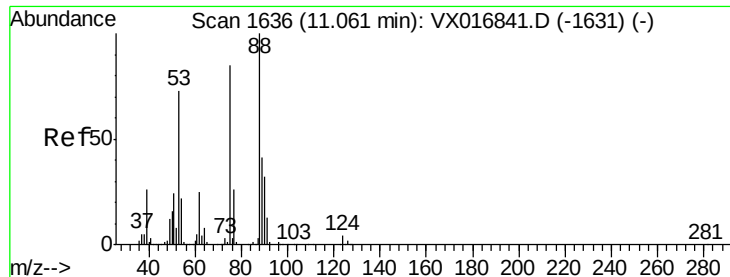
Tot Ion: 91 Resp: 197347
 Ion Ratio Lower Upper
 91 100
 126 34.2 17.2 51.5



#80
 1,3,5-Trimethylbenzene
 Concen: 23.490 ug/l
 RT: 11.49 min Scan# 1706
 Delta R.T. 0.00 min
 Lab File: VX016883.D
 Acq: 19 Jun 2020 16:37

Tgt Ion: 105 Resp: 239799
 Ion Ratio Lower Upper
 105 100
 120 49.1 24.6 74.0





#81

trans-1,4-Dichloro-2-butene

Concen: 19.272 ug/l

RT: 11.05 min Scan# 1635

Delta R.T. -0.01 min

Lab File: VX016883.D

Acq: 19 Jun 2020 16:37

Instrument :

MSVOA_X

ClientSampleId :

VX0619WBSD01

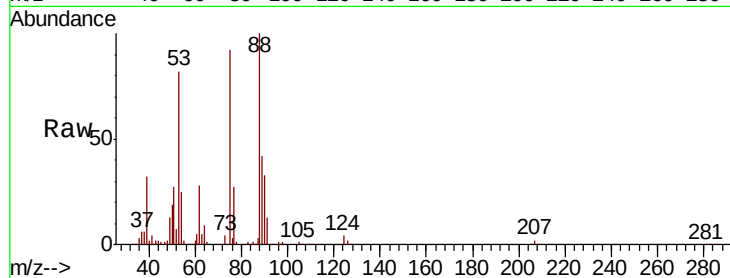
Tot Ion: 75 Resp: 26412

Ion Ratio Lower Upper

75 100

53 90.9 69.8 104.8

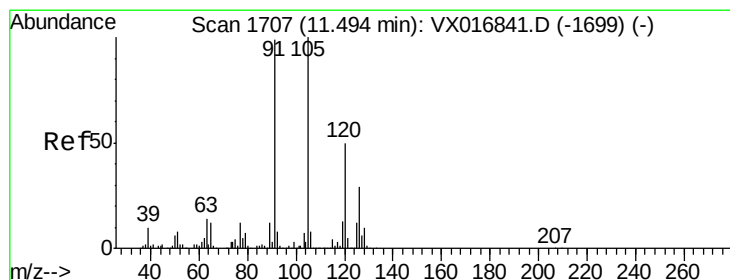
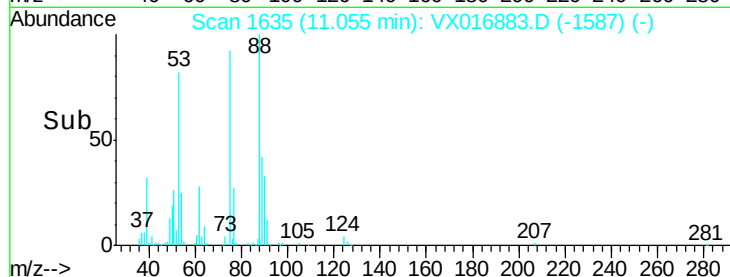
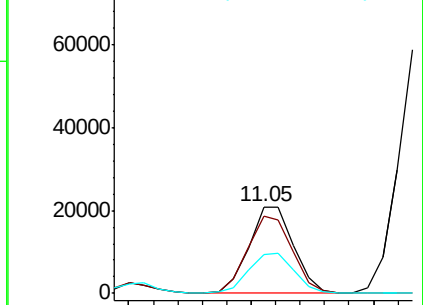
89 48.2 38.3 57.5



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 22.777 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. 0.00 min

Lab File: VX016883.D

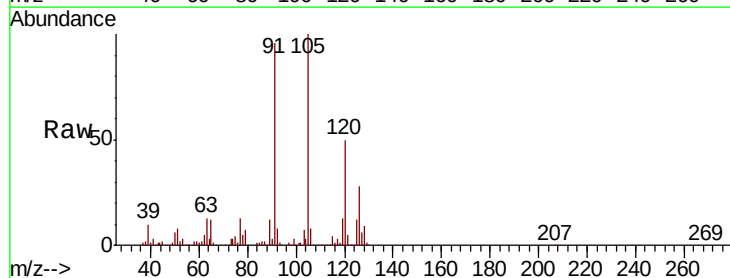
Acq: 19 Jun 2020 16:37

Tgt Ion: 91 Resp: 220758

Ion Ratio Lower Upper

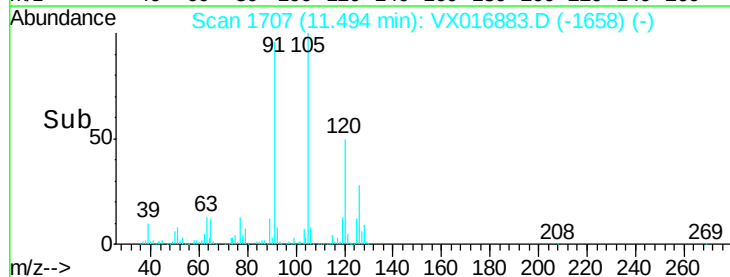
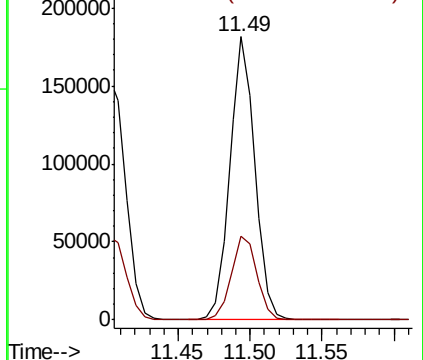
91 100

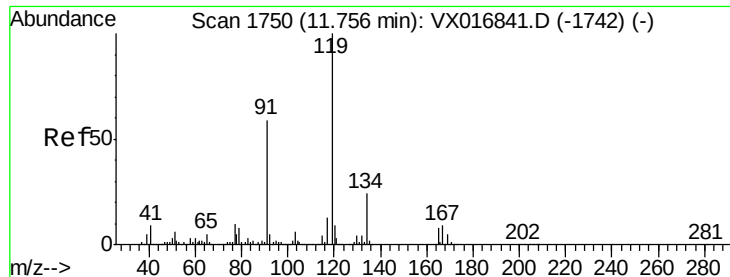
126 30.5 15.0 45.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

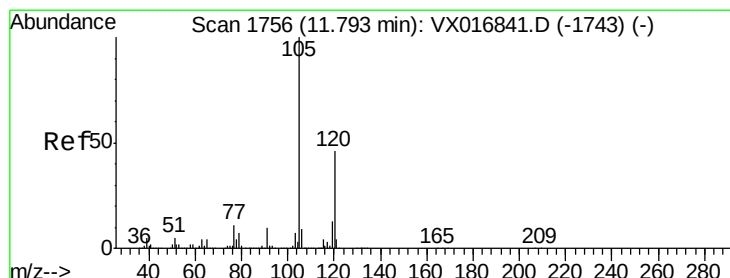
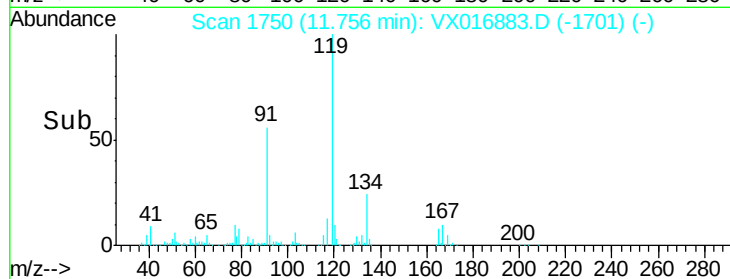
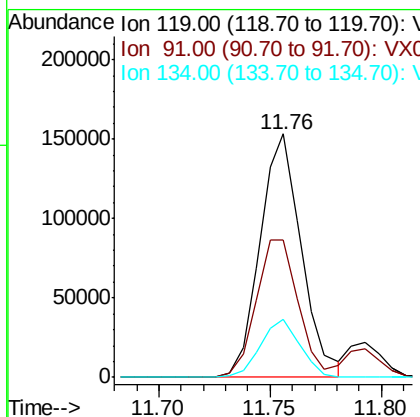
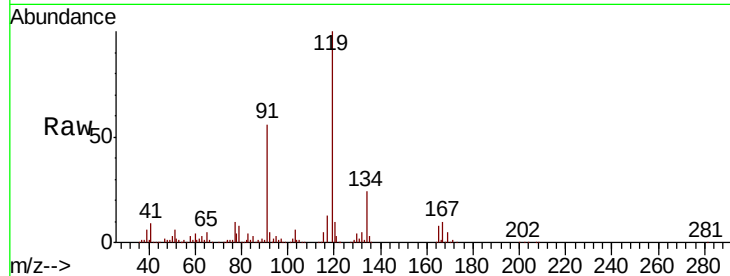




#83
 tert-Butylbenzene
 Concen: 19.581 ug/l
 RT: 11.76 min Scan# 1750
 Delta R.T. 0.00 min
 Lab File: VX016883.D
 Acq: 19 Jun 2020 16:37

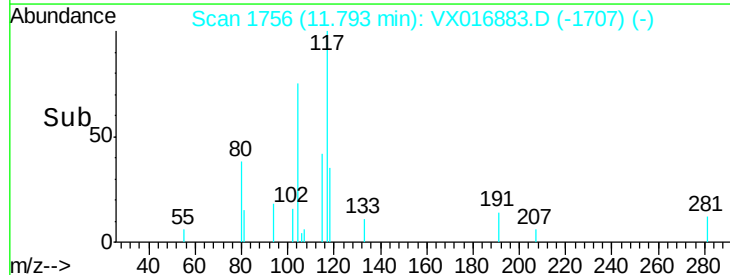
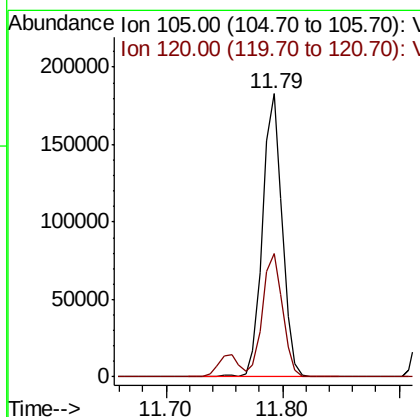
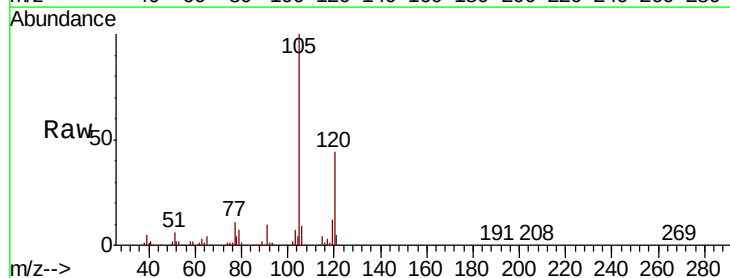
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0619WBSD01

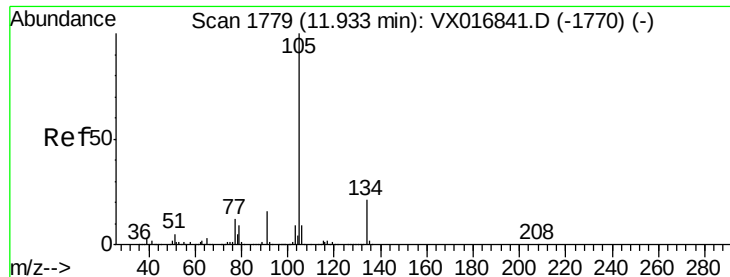
Tot Ion:119 Resp: 197775
 Ion Ratio Lower Upper
 119 100
 91 57.4 28.5 85.5
 134 22.9 11.7 35.1



#84
 1,2,4-Trimethylbenzene
 Concen: 20.540 ug/l
 RT: 11.79 min Scan# 1756
 Delta R.T. 0.00 min
 Lab File: VX016883.D
 Acq: 19 Jun 2020 16:37

Tgt Ion:105 Resp: 215997
 Ion Ratio Lower Upper
 105 100
 120 44.5 22.3 66.9





#85

sec-Butylbenzene

Concen: 19.711 ug/l

RT: 11.93 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VX016883.D

Acq: 19 Jun 2020 16:37

Instrument :

MSVOA_X

ClientSampleId :

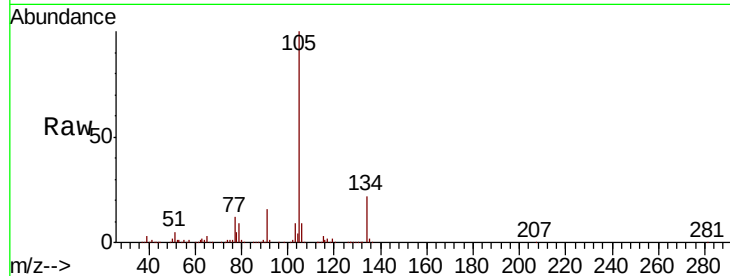
VX0619WBSD01

Tot Ion:105 Resp: 231222

Ion Ratio Lower Upper

105 100

134 21.2 10.4 31.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

11.93

200000

150000

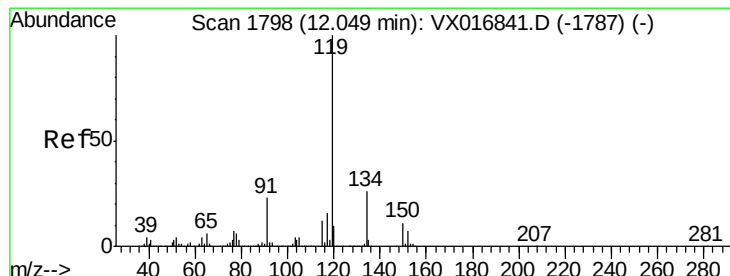
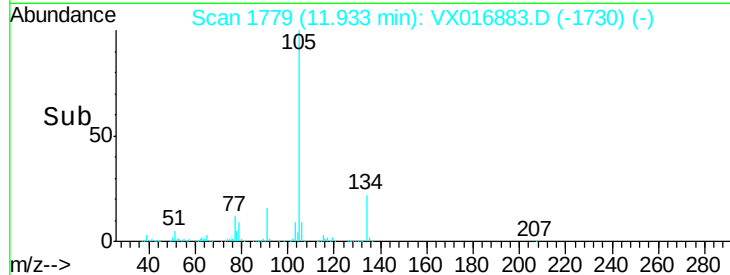
100000

50000

0

Time-->

11.85 11.90 11.95 12.00



#86

p-Isopropyltoluene

Concen: 20.891 ug/l

RT: 12.05 min Scan# 1798

Delta R.T. 0.00 min

Lab File: VX016883.D

Acq: 19 Jun 2020 16:37

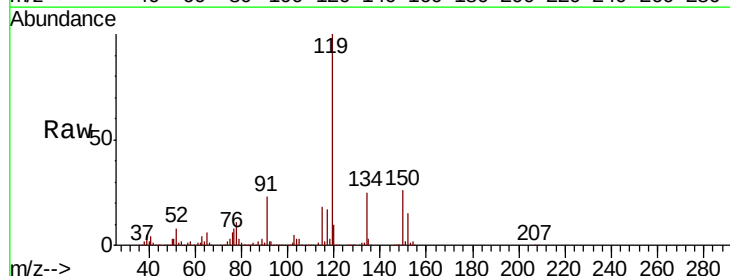
Tgt Ion:119 Resp: 224529

Ion Ratio Lower Upper

119 100

134 25.5 12.9 38.7

91 23.2 11.6 34.8



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): V

12.05

250000

200000

150000

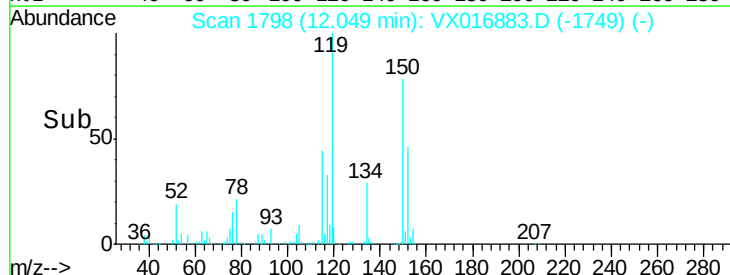
100000

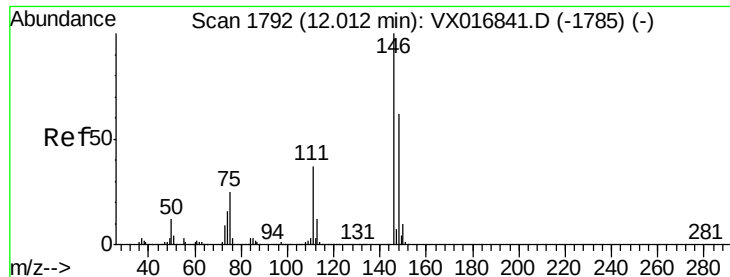
50000

0

Time-->

12.00 12.10

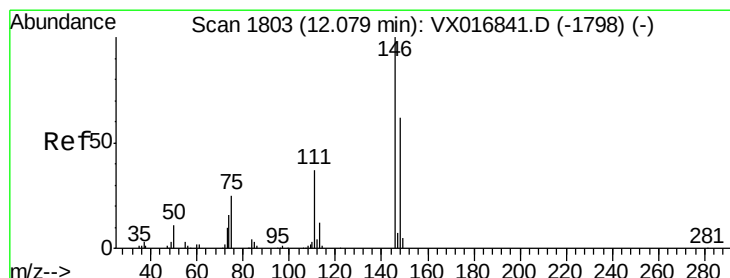
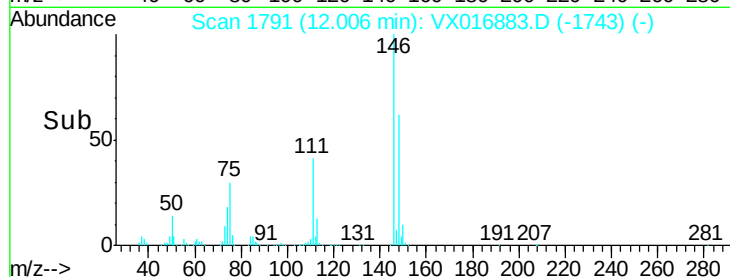
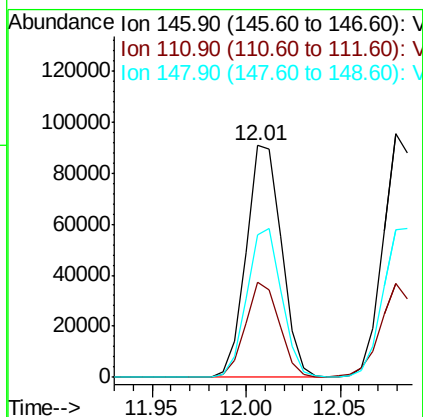
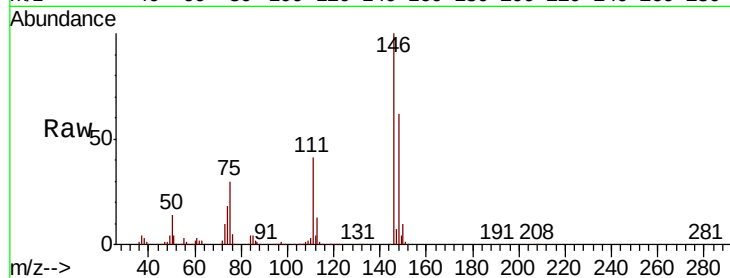




#87
 1,3-Dichlorobenzene
 Concen: 20.025 ug/l
 RT: 12.01 min Scan# 1791
 Delta R.T. -0.01 min
 Lab File: VX016883.D
 Acq: 19 Jun 2020 16:37

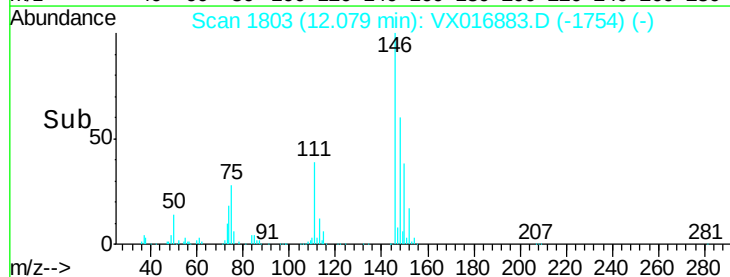
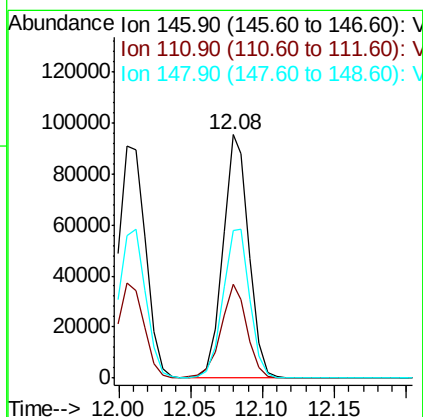
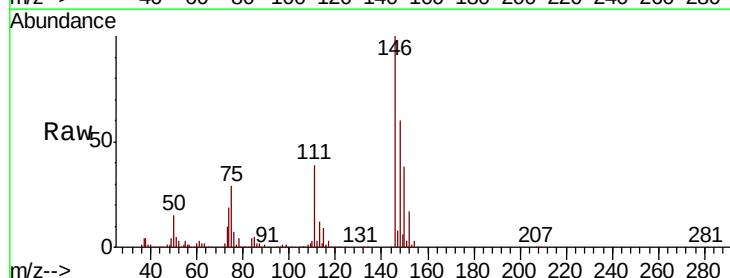
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0619WBSD01

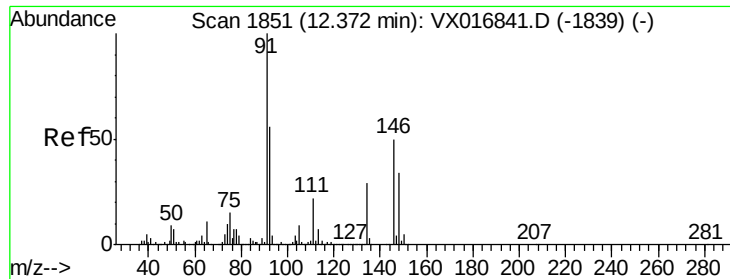
Tot Ion:146 Resp: 118053
 Ion Ratio Lower Upper
 146 100
 111 39.7 19.4 58.2
 148 63.1 31.8 95.3



#88
 1,4-Dichlorobenzene
 Concen: 20.078 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. 0.00 min
 Lab File: VX016883.D
 Acq: 19 Jun 2020 16:37

Tgt Ion:146 Resp: 119703
 Ion Ratio Lower Upper
 146 100
 111 39.0 19.0 57.0
 148 63.8 31.6 95.0

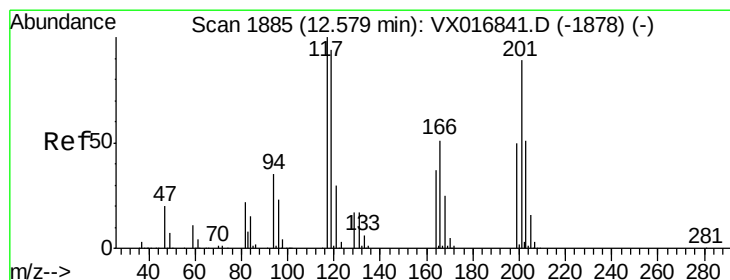
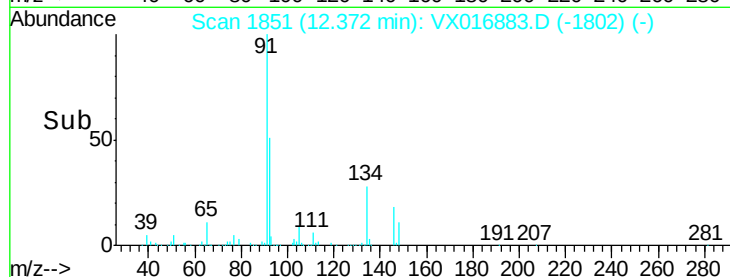
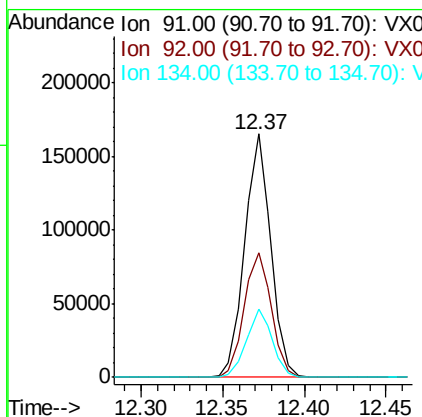
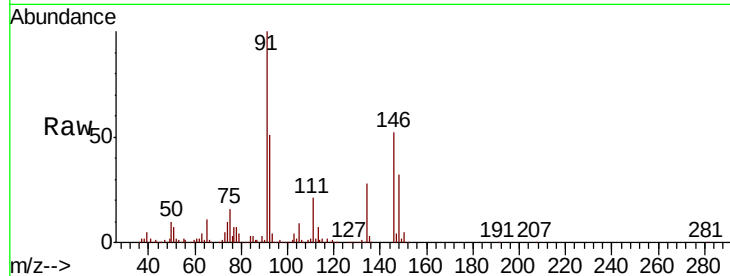




#89
n-Butylbenzene
Concen: 20.043 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. 0.00 min
Lab File: VX016883.D
Acq: 19 Jun 2020 16:37

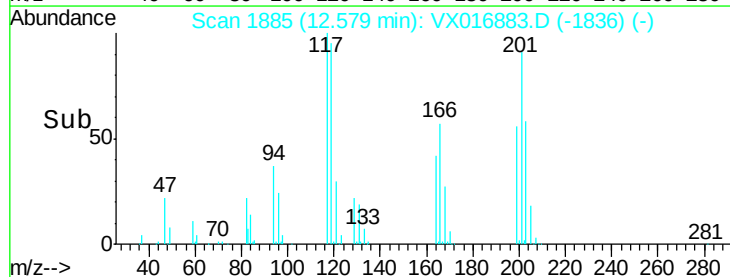
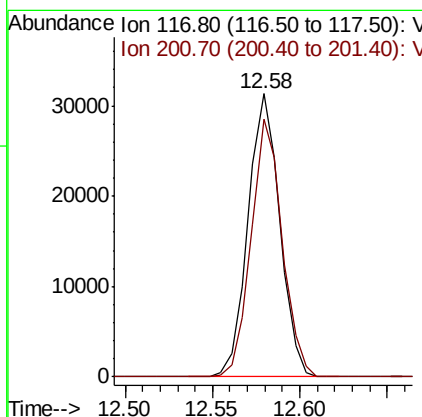
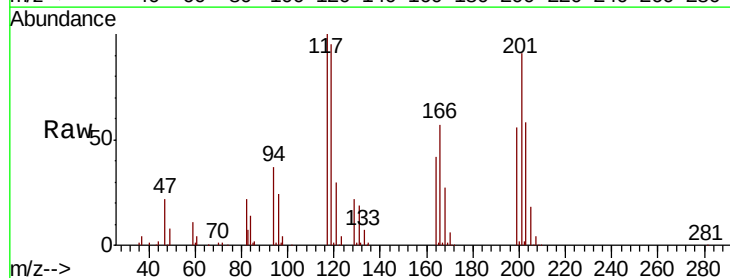
Instrument :
MSVOA_X
ClientSampleId :
VX0619WBSD01

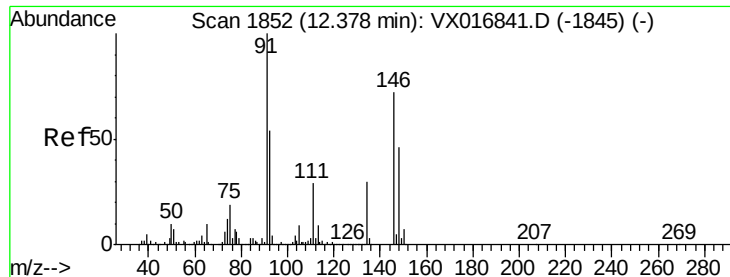
Tot Ion: 91 Resp: 184730
Ion Ratio Lower Upper
91 100
92 53.5 27.4 82.2
134 27.7 13.9 41.6



#90
Hexachloroethane
Concen: 20.357 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. 0.00 min
Lab File: VX016883.D
Acq: 19 Jun 2020 16:37

Tgt Ion: 117 Resp: 39412
Ion Ratio Lower Upper
117 100
201 89.1 44.9 134.5





#91

1,2-Dichlorobenzene

Concen: 20.159 ug/l

RT: 12.38 min Scan# 1852

Delta R.T. 0.00 min

Lab File: VX016883.D

Acq: 19 Jun 2020 16:37

Instrument :

MSVOA_X

ClientSampleId :

VX0619WBSD01

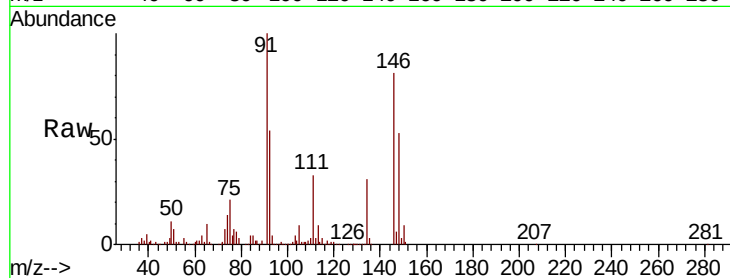
Tot Ion:146 Resp: 114728

Ion Ratio Lower Upper

146 100

111 40.1 20.9 62.7

148 63.7 32.9 98.6

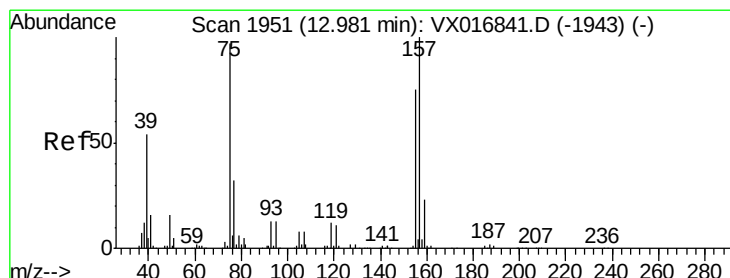
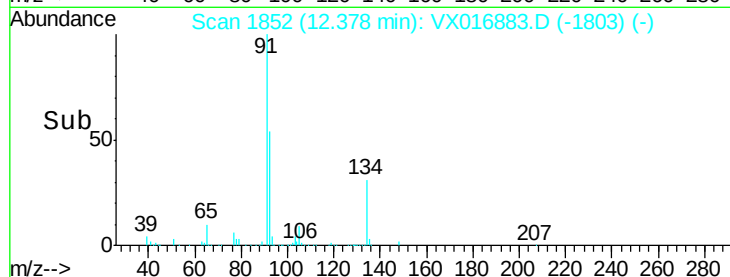
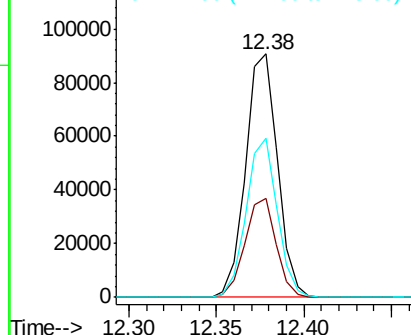


Abundance

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: 20.731 ug/l

RT: 12.98 min Scan# 1951

Delta R.T. 0.00 min

Lab File: VX016883.D

Acq: 19 Jun 2020 16:37

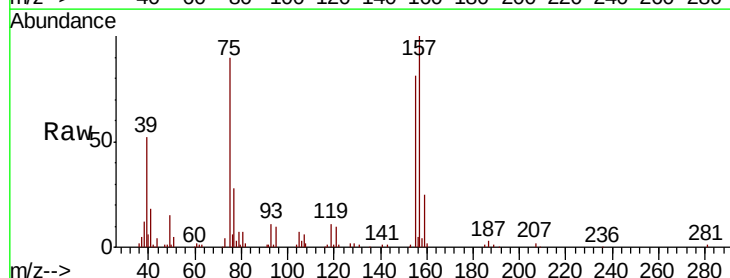
Tgt Ion: 75 Resp: 16422

Ion Ratio Lower Upper

75 100

155 91.3 46.4 139.1

157 118.7 58.6 175.8

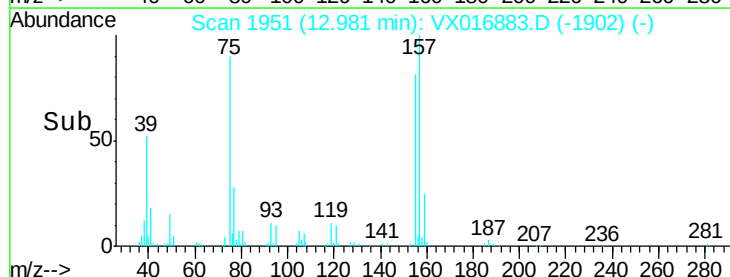
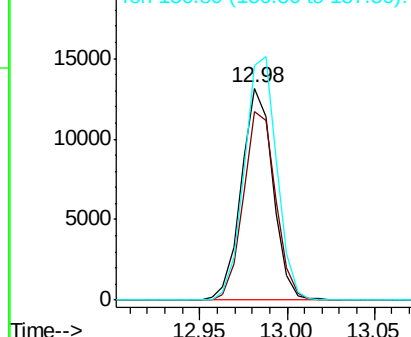


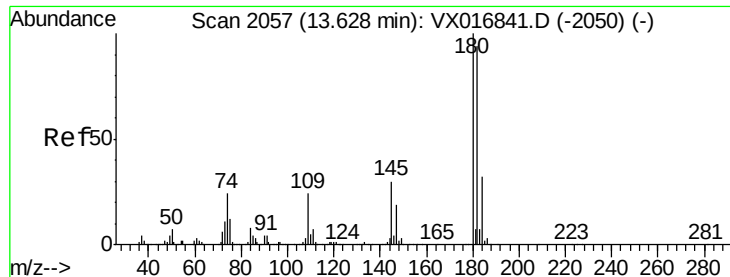
Abundance

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

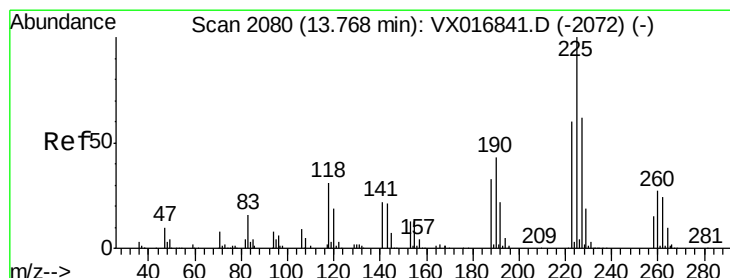
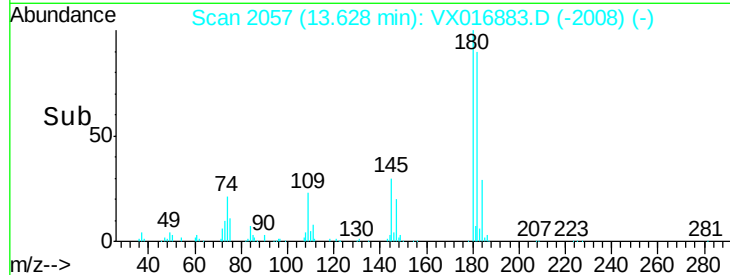
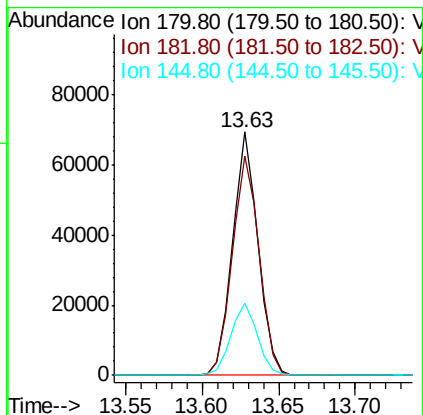
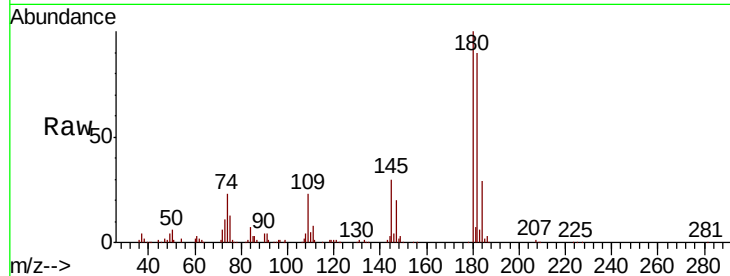




#93
 1,2,4-Trichlorobenzene
 Concen: 20.934 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. 0.00 min
 Lab File: VX016883.D
 Acq: 19 Jun 2020 16:37

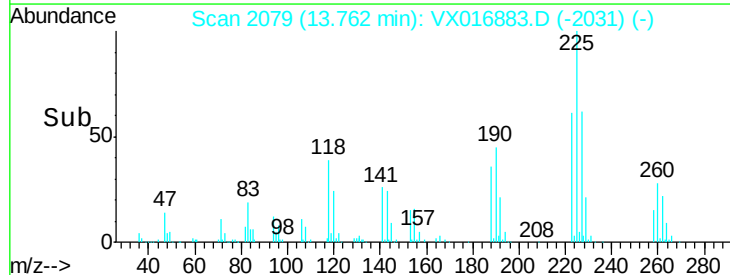
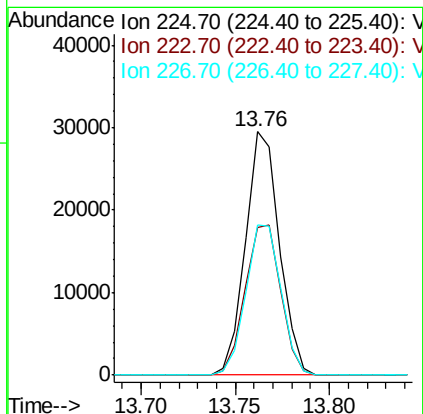
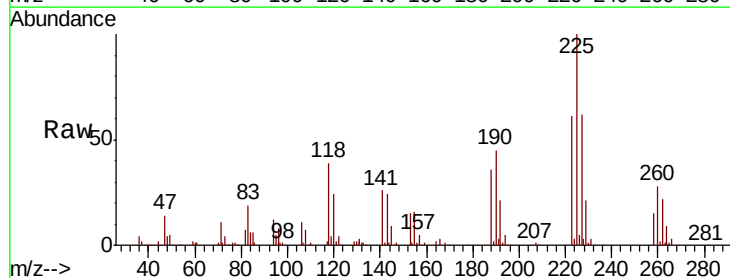
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0619WBSD01

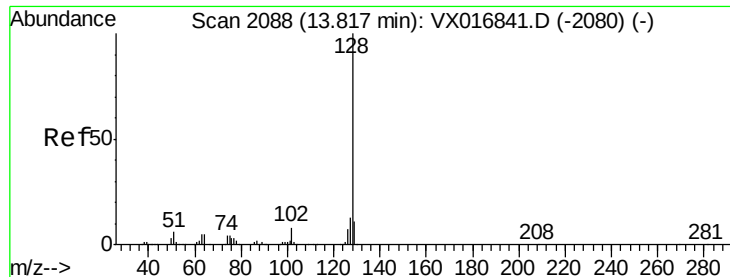
Tot Ion:180 Resp: 80000
 Ion Ratio Lower Upper
 180 100
 182 94.4 47.7 143.1
 145 30.7 15.0 45.1



#94
 Hexachlorobutadiene
 Concen: 21.340 ug/l
 RT: 13.76 min Scan# 2079
 Delta R.T. -0.01 min
 Lab File: VX016883.D
 Acq: 19 Jun 2020 16:37

Tgt Ion:225 Resp: 36801
 Ion Ratio Lower Upper
 225 100
 223 65.3 32.1 96.5
 227 64.0 32.3 96.8





#95

Naphthalene

Concen: 22.754 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. 0.00 min

Lab File: VX016883.D

Acq: 19 Jun 2020 16:37

Instrument :

MSVOA_X

ClientSampleId :

VX0619WBSD01

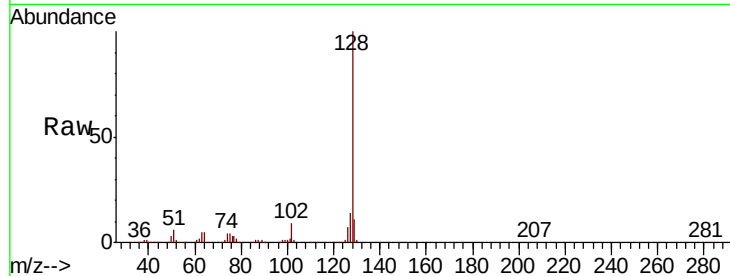
Tot Ion:128 Resp: 255292

Ion Ratio Lower Upper

128 100

127 13.3 10.4 15.6

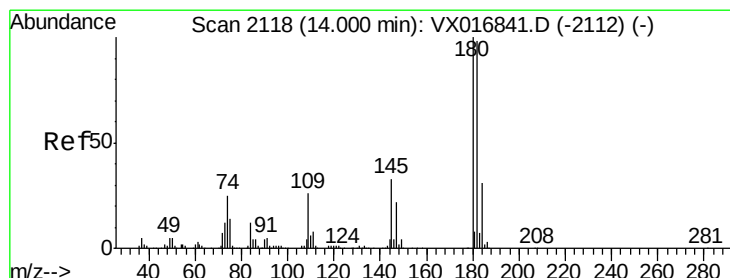
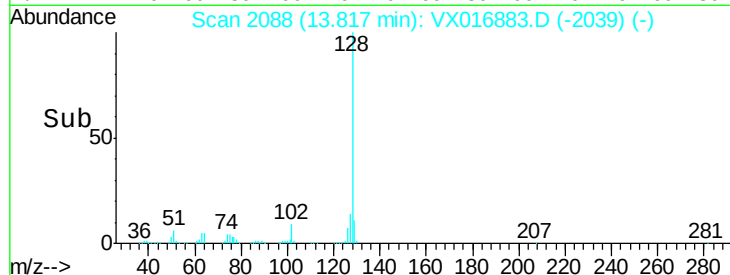
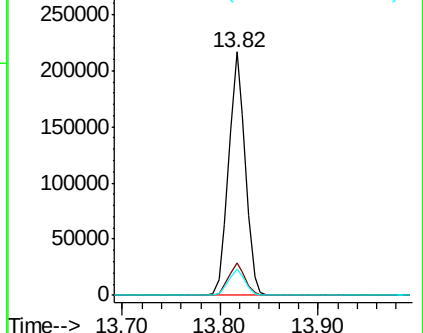
129 10.8 8.6 13.0



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 20.775 ug/l

RT: 14.00 min Scan# 2118

Delta R.T. 0.00 min

Lab File: VX016883.D

Acq: 19 Jun 2020 16:37

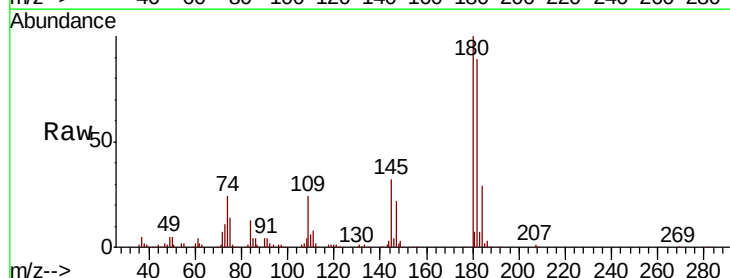
Tgt Ion:180 Resp: 79177

Ion Ratio Lower Upper

180 100

182 93.0 47.4 142.3

145 32.4 16.0 48.0



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

