

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062220\
 Data File : VX016924.D
 Acq On : 22 Jun 2020 16:56
 Operator : JC/SP
 Sample : VX0622WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0622WBS01

Quant Time: Jun 23 07:55:40 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	411377	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	538178	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	582301	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	253944	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	208648	42.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	84.34%	
35) Dibromofluoromethane	5.46	113	183760	53.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.76%	
50) Toluene-d8	8.70	98	611669	44.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.82%	
62) 4-Bromofluorobenzene	11.12	95	231429	43.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	87.70%	

Target Compounds

					Qvalue	
2) Dichlorodifluoromethane	1.18	85	89710	17.770	ug/l	99
3) Chloromethane	1.31	50	92623	18.094	ug/l	100
4) Vinyl Chloride	1.39	62	102413	17.751	ug/l	98
5) Bromomethane	1.63	94	57882	16.662	ug/l	98
6) Chloroethane	1.72	64	60181	16.936	ug/l	98
7) Trichlorofluoromethane	1.92	101	134008	16.603	ug/l	97
8) Diethyl Ether	2.17	74	54741	17.444	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	2.36	101	78299	18.213	ug/l	97
10) Methyl Iodide	2.49	142	41384	10.111	ug/l	97
11) Tert butyl alcohol	3.00	59	71683	85.705	ug/l	99
12) 1,1-Dichloroethene	2.36	96	79160	18.007	ug/l	96
13) Acrolein	2.27	56	66300	130.744	ug/l	99
14) Allyl chloride	2.70	41	109654	18.857	ug/l	94
15) Acrylonitrile	3.11	53	174887	91.246	ug/l	99
16) Acetone	2.42	43	162153	90.283	ug/l	97
17) Carbon Disulfide	2.55	76	201563	17.742	ug/l	100
18) Methyl Acetate	2.75	43	88568	19.393	ug/l	99
19) Methyl tert-butyl Ether	3.16	73	225492	17.999	ug/l	98
20) Methylene Chloride	2.83	84	73740	17.121	ug/l	97
21) trans-1,2-Dichloroethene	3.14	96	72493	17.469	ug/l	98
22) Diisopropyl ether	3.82	45	216864	19.465	ug/l	98
23) Vinyl Acetate	3.78	43	870666	94.773	ug/l	99
24) 1,1-Dichloroethane	3.67	63	126235	18.139	ug/l	100
25) 2-Butanone	4.63	43	275105	111.297	ug/l	94
26) 2,2-Dichloropropane	4.55	77	126655	19.425	ug/l	98
27) cis-1,2-Dichloroethene	4.56	96	92810	19.899	ug/l	98
28) Bromochloromethane	4.98	49	64298	22.261	ug/l	88
29) Tetrahydrofuran	5.09	42	179852	115.531	ug/l	94
30) Chloroform	5.17	83	146667	19.962	ug/l	96
31) Cyclohexane	5.54	56	137720	22.510	ug/l	94
32) 1,1,1-Trichloroethane	5.46	97	136237	19.592	ug/l	98
36) 1,1-Dichloropropene	5.77	75	111739	22.487	ug/l	98
37) Ethyl Acetate	4.78	43	111741	25.450	ug/l	98
38) Carbon Tetrachloride	5.76	117	114373	20.513	ug/l	98

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 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0622WBS01

Quant Time: Jun 23 07:55:40 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)
39) Methylcyclohexane	7.44	83	115675	20.020	ug/l	97
40) Benzene	6.11	78	310546	20.828	ug/l	99
41) Methacrylonitrile	5.00	41	62009	26.015	ug/l	96
42) 1,2-Dichloroethane	6.16	62	103302	19.470	ug/l	99
43) Isopropyl Acetate	6.40	43	149887	19.549	ug/l	99
44) Trichloroethene	7.18	130	84771	18.564	ug/l	95
45) 1,2-Dichloropropane	7.49	63	74036	19.752	ug/l	99
46) Dibromomethane	7.63	93	48098	18.922	ug/l	98
47) Bromodichloromethane	7.87	83	101677	18.807	ug/l	99
48) Methyl methacrylate	7.74	41	71843	19.899	ug/l	98
49) 1,4-Dioxane	7.71	88	32823	406.132	ug/l	95
51) 4-Methyl-2-Pentanone	8.62	43	444522	96.395	ug/l	100
52) Toluene	8.76	92	185469	18.751	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	115276	19.396	ug/l	99
54) cis-1,3-Dichloropropene	8.42	75	123311	19.394	ug/l	98
55) 1,1,2-Trichloroethane	9.20	97	73214	19.604	ug/l	99
56) Ethyl methacrylate	9.16	69	109982	20.343	ug/l	99
57) 1,3-Dichloropropane	9.35	76	123448	19.499	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	247595	98.423	ug/l	97
59) 2-Hexanone	9.47	43	403454	120.813	ug/l	98
60) Dibromochloromethane	9.56	129	96943	21.639	ug/l	99
61) 1,2-Dibromoethane	9.65	107	90835	22.412	ug/l	100
64) Tetrachloroethene	9.32	164	81108	15.042	ug/l	97
65) Chlorobenzene	10.12	112	229240	19.441	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.20	131	88704	19.410	ug/l	99
67) Ethyl Benzene	10.23	91	410005	20.608	ug/l	100
68) m/p-Xylenes	10.34	106	323203	41.748	ug/l	99
69) o-Xylene	10.68	106	146918	20.524	ug/l	96
70) Styrene	10.70	104	243796	20.044	ug/l	99
71) Bromoform	10.84	173	62232	16.197	ug/l #	100
73) Isopropylbenzene	11.00	105	347681	21.265	ug/l	100
74) N-amyl acetate	10.88	43	131687	23.065	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.25	83	98119	21.252	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	123605	26.651	ug/l	85
77) Bromobenzene	11.24	156	90667	20.333	ug/l	98
78) n-propylbenzene	11.34	91	389374	21.339	ug/l	100
79) 2-Chlorotoluene	11.40	91	231189	20.708	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	290220	20.573	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.05	75	36244	19.137	ug/l	98
82) 4-Chlorotoluene	11.49	91	272000	20.308	ug/l	99
83) tert-Butylbenzene	11.76	119	278971	19.987	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	294052	20.235	ug/l	97
85) sec-Butylbenzene	11.93	105	324243	20.002	ug/l	99
86) p-Isopropyltoluene	12.05	119	311986	21.006	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	161481	19.822	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	161572	19.611	ug/l	99
89) n-Butylbenzene	12.37	91	259508	20.375	ug/l	100
90) Hexachloroethane	12.58	117	54189	20.254	ug/l	99
91) 1,2-Dichlorobenzene	12.37	146	152364	19.373	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.98	75	24950	22.792	ug/l	98

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Misc : 5.0mL/MSVOA X/WATER
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MSVOA_X
ClientSampleId :
VX0622WBS01

Quant Time: Jun 23 07:55:40 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

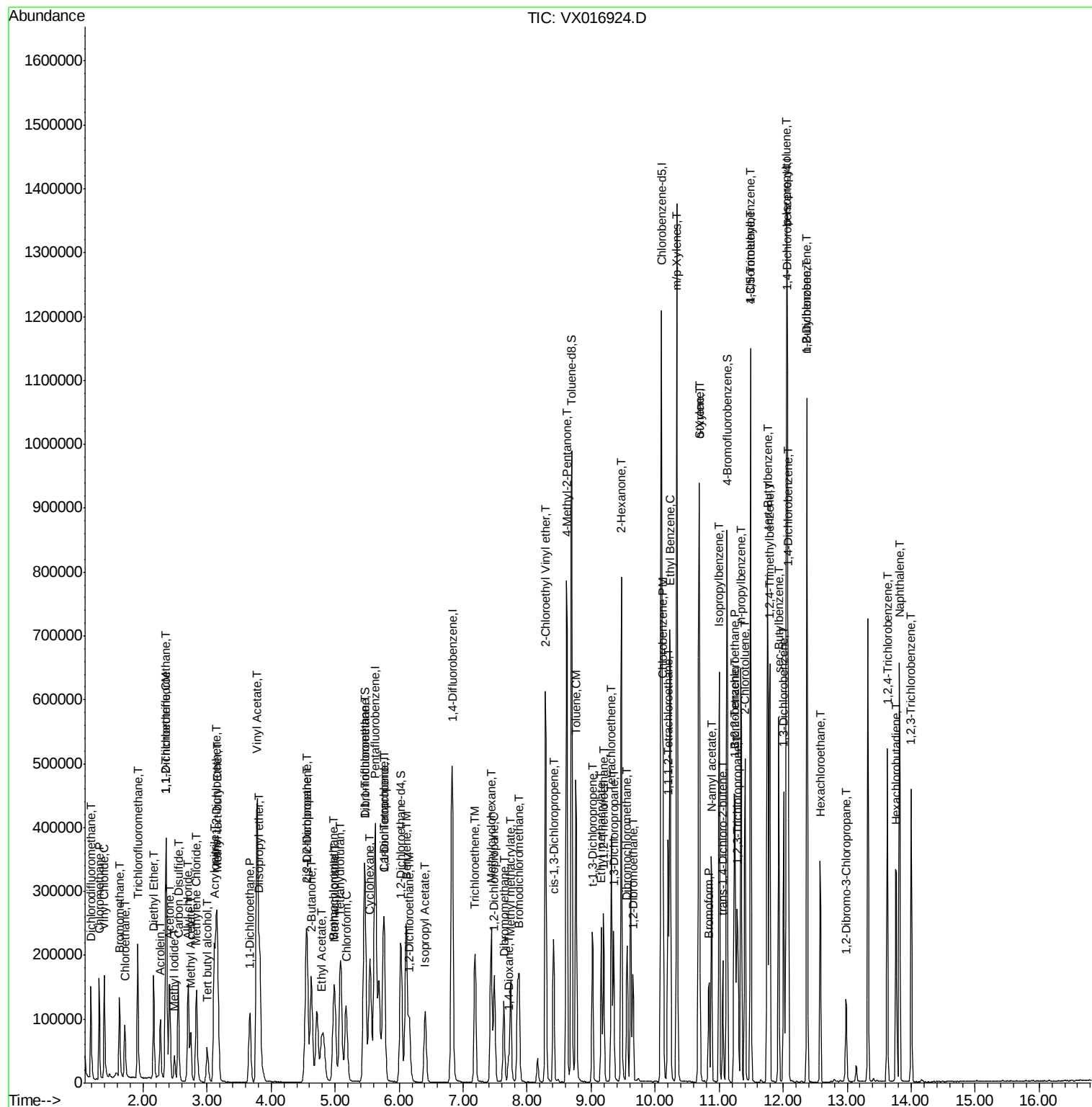
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	125837	23.828	ug/l	99
94) Hexachlorobutadiene	13.77	225	54394	22.825	ug/l	96
95) Naphthalene	13.82	128	386390	24.921	ug/l	99
96) 1,2,3-Trichlorobenzene	14.00	180	117050	22.225	ug/l	99

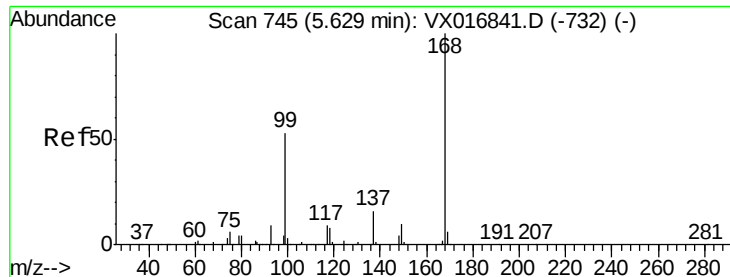
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX062220\
Data File : VX016924.D
Acq On : 22 Jun 2020 16:56
Operator : JC/SP
Sample : VX0622WBS01
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0622WBS01

Quant Time: Jun 23 07:55:40 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X061820W.M
Quant Title : SW846 8260
QLast Update : Fri Jun 19 12:07:48 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. 0.00 min

Lab File: VX016924.D

Acq: 22 Jun 2020 16:56

Instrument :

MSVOA_X

ClientSampleId :

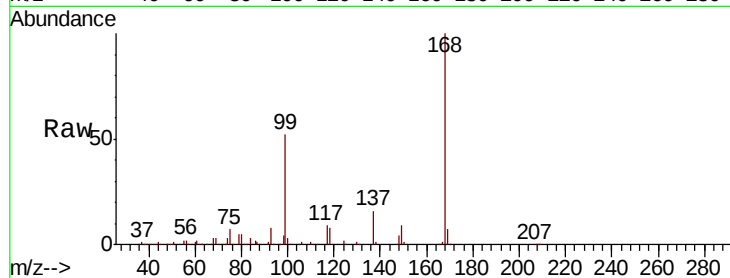
VX0622WBS01

Tot Ion:168 Resp: 411377

Ion Ratio Lower Upper

168 100

99 51.8 42.2 63.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

150000

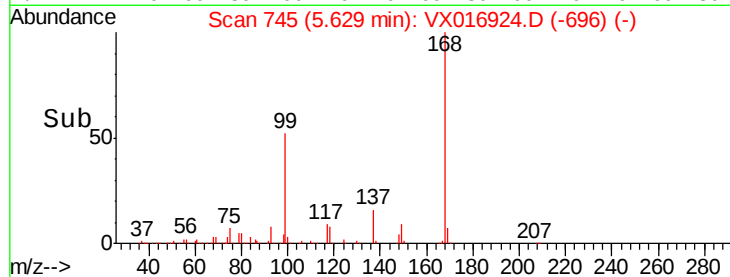
100000

50000

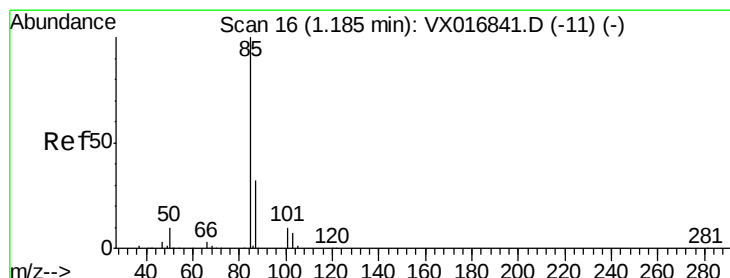
0

5.50 5.60 5.70 5.80

5.63



Time-->



#2

Dichlorodifluoromethane

Concen: 17.770 ug/l

RT: 1.18 min Scan# 16

Delta R.T. 0.00 min

Lab File: VX016924.D

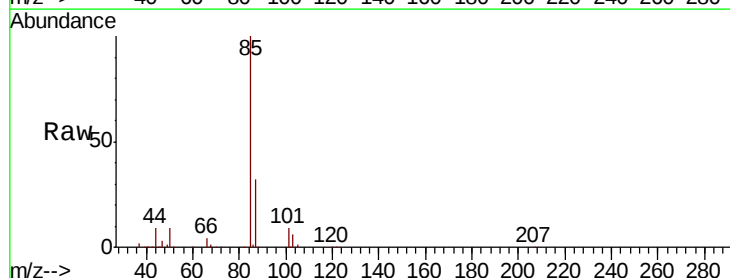
Acq: 22 Jun 2020 16:56

Tgt Ion: 85 Resp: 89710

Ion Ratio Lower Upper

85 100

87 32.3 16.0 47.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

100000

80000

60000

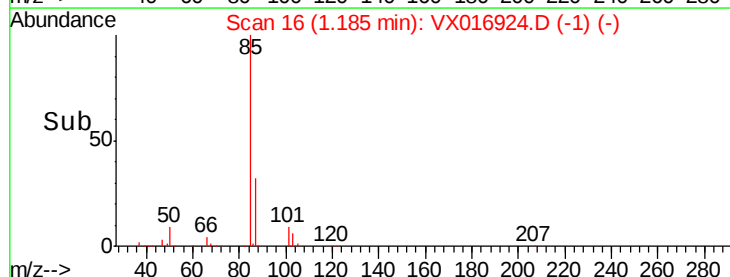
40000

20000

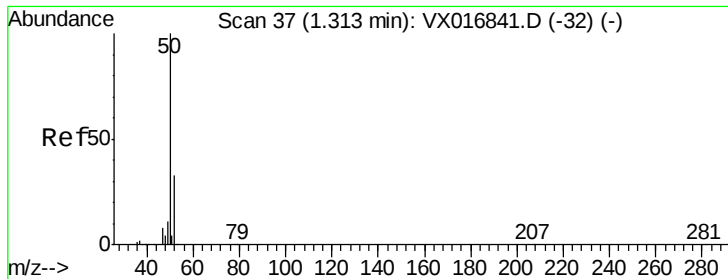
0

1.10 1.15 1.20 1.25 1.30

1.18



Time-->



#3

Chloromethane

Concen: 18.094 ug/l

RT: 1.31 min Scan# 37

Delta R.T. 0.00 min

Lab File: VX016924.D

Acq: 22 Jun 2020 16:56

Instrument :

MSVOA_X

ClientSampled :

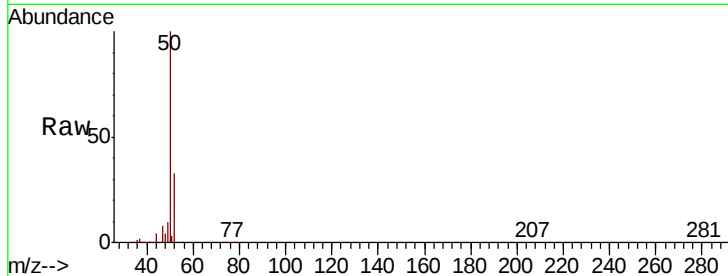
VX0622WBS01

Tot Ion: 50 Resp: 92623

Ion Ratio Lower Upper

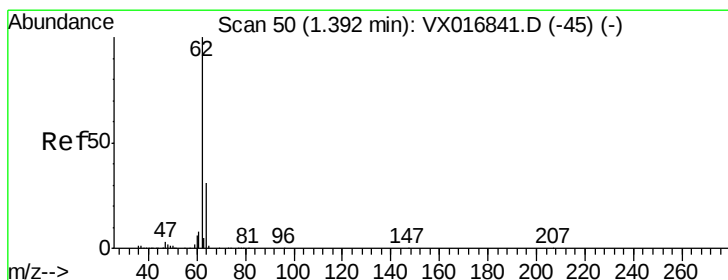
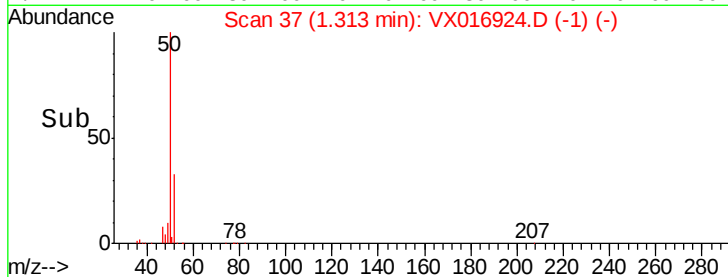
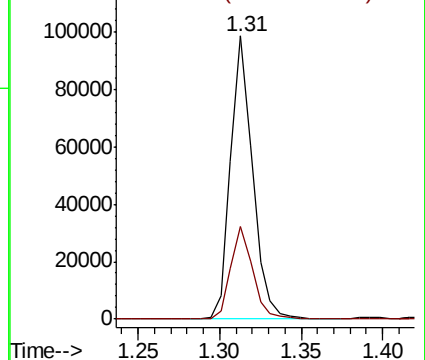
50 100

52 32.5 26.1 39.1



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 17.751 ug/l

RT: 1.39 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX016924.D

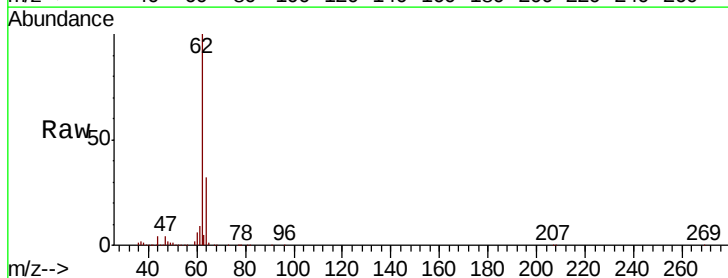
Acq: 22 Jun 2020 16:56

Tgt Ion: 62 Resp: 102413

Ion Ratio Lower Upper

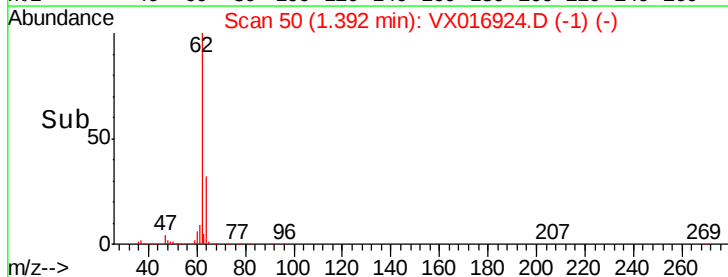
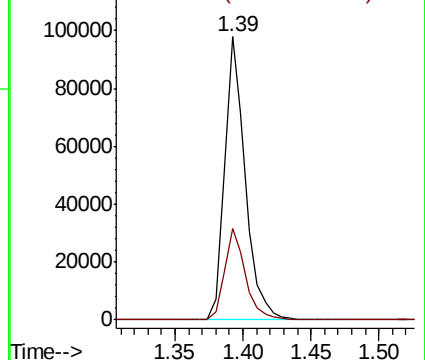
62 100

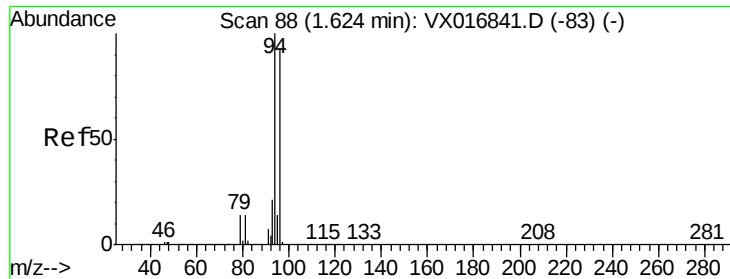
64 32.1 25.0 37.4



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 16.662 ug/l

RT: 1.63 min Scan# 89

Delta R.T. 0.01 min

Lab File: VX016924.D

Acq: 22 Jun 2020 16:56

Instrument :

MSVOA_X

ClientSampleId :

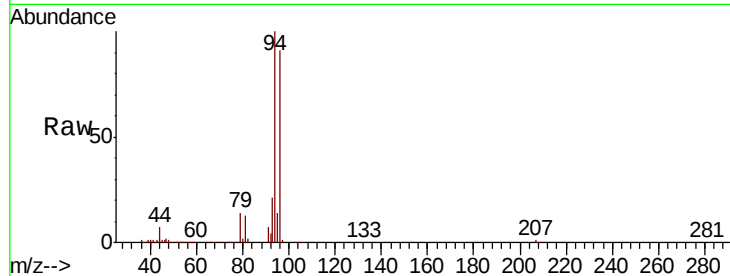
VX0622WBS01

Tot Ion: 94 Resp: 57882

Ion Ratio Lower Upper

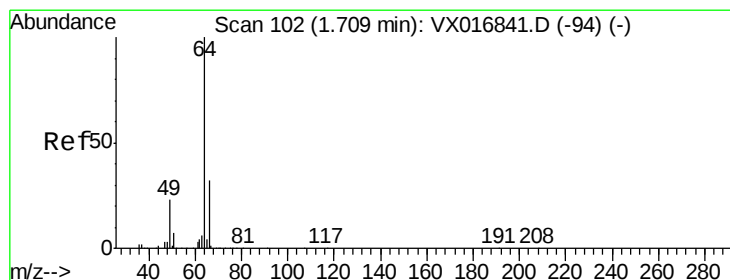
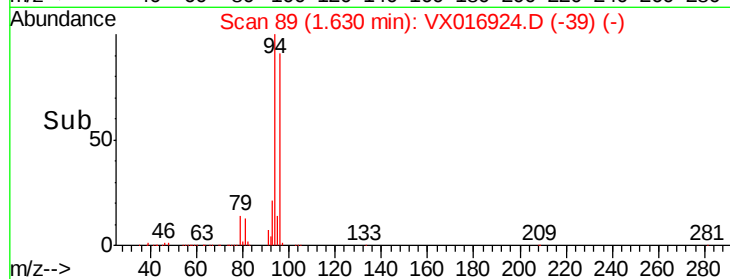
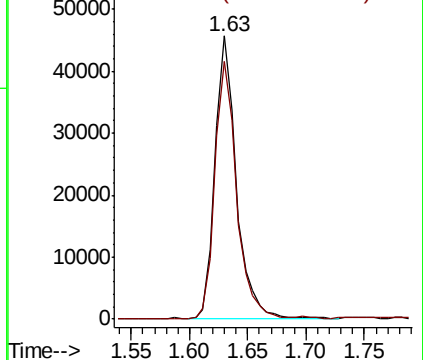
94 100

96 90.8 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: 16.936 ug/l

RT: 1.72 min Scan# 103

Delta R.T. 0.01 min

Lab File: VX016924.D

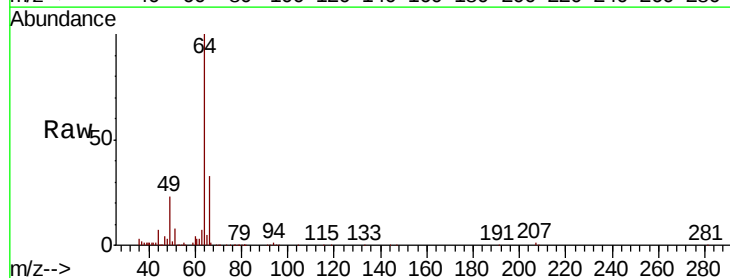
Acq: 22 Jun 2020 16:56

Tgt Ion: 64 Resp: 60181

Ion Ratio Lower Upper

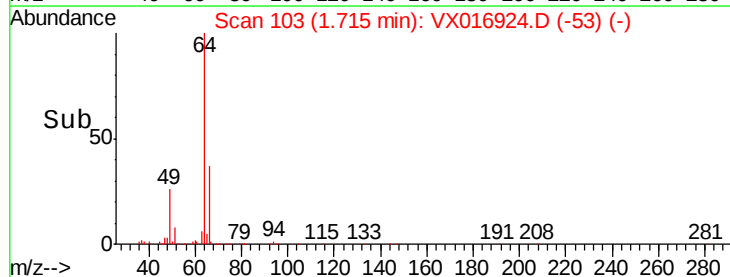
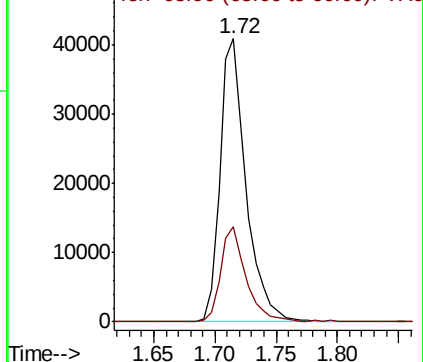
64 100

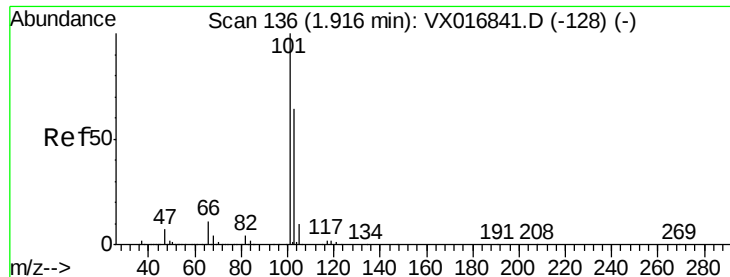
66 33.4 25.7 38.5



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



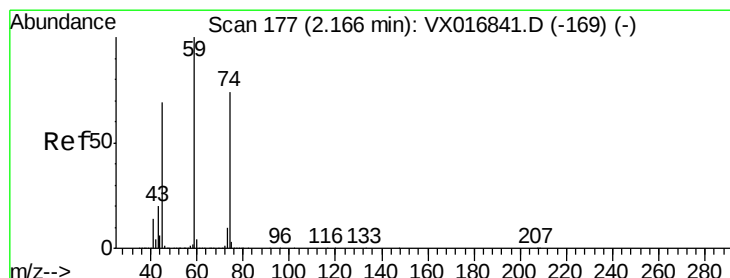
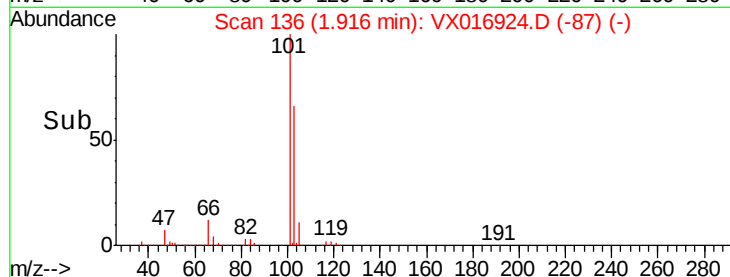
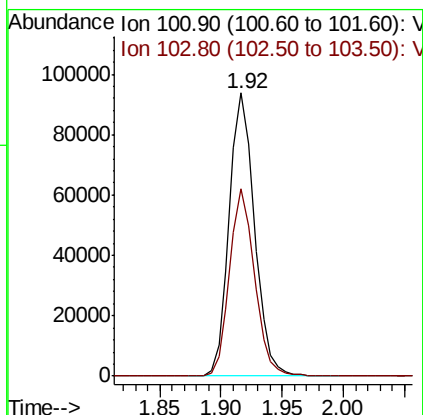
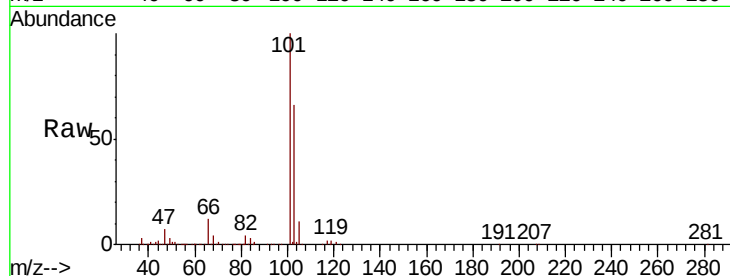


#7

Trichlorofluoromethane
Concen: 16.603 ug/l
RT: 1.92 min Scan# 136
Delta R.T. 0.00 min
Lab File: VX016924.D
Acq: 22 Jun 2020 16:56

Instrument :
MSVOA_X
ClientSampleId :
VX0622WBS01

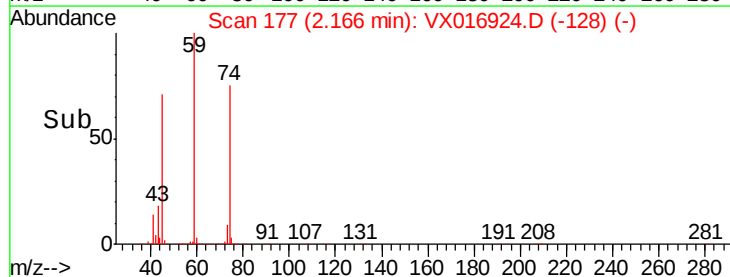
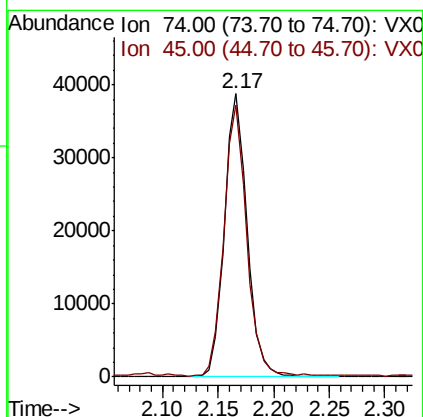
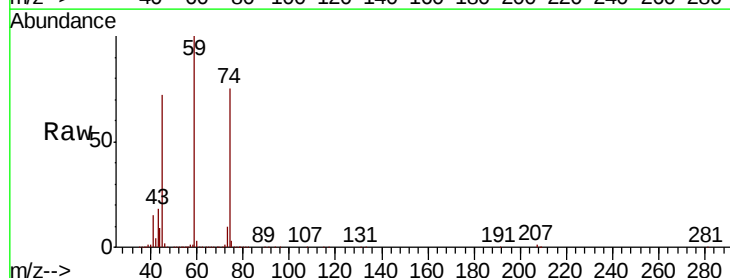
Tot Ion:101 Resp: 134008
Ion Ratio Lower Upper
101 100
103 66.2 51.2 76.8

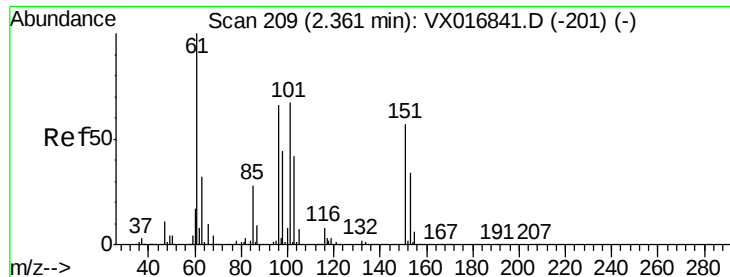


#8

Diethyl Ether
Concen: 17.444 ug/l
RT: 2.17 min Scan# 177
Delta R.T. 0.00 min
Lab File: VX016924.D
Acq: 22 Jun 2020 16:56

Tgt Ion: 74 Resp: 54741
Ion Ratio Lower Upper
74 100
45 95.5 45.3 135.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.213 ug/l

RT: 2.36 min Scan# 209

Delta R.T. 0.00 min

Lab File: VX016924.D

Acq: 22 Jun 2020 16:56

Instrument :

MSVOA_X

ClientSampleId :

VX0622WBS01

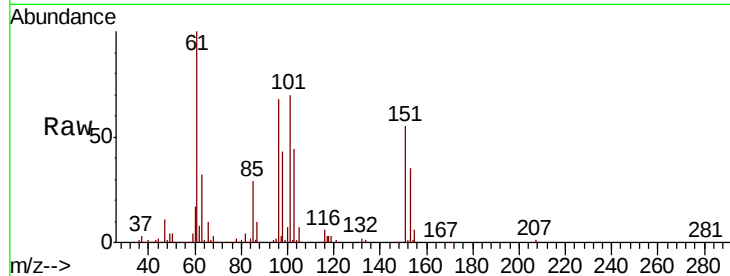
Tot Ion:101 Resp: 78299

Ion Ratio Lower Upper

101 100

85 42.7 34.3 51.5

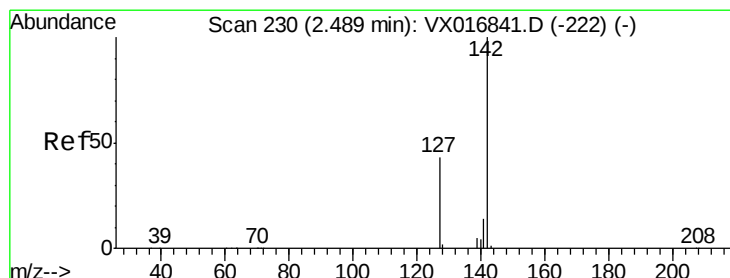
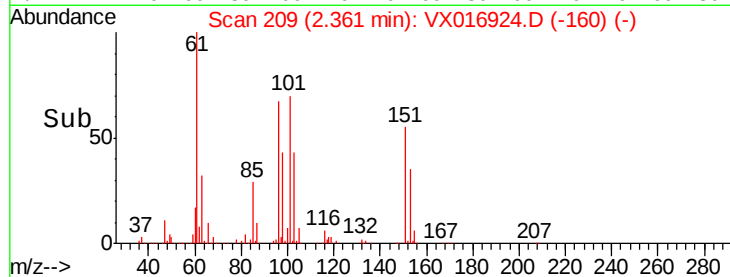
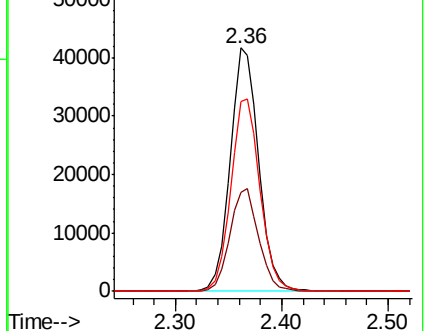
151 80.9 67.6 101.4



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: 10.111 ug/l

RT: 2.49 min Scan# 230

Delta R.T. 0.00 min

Lab File: VX016924.D

Acq: 22 Jun 2020 16:56

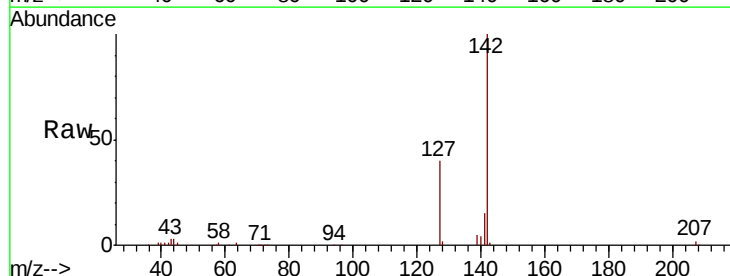
Tgt Ion:142 Resp: 41384

Ion Ratio Lower Upper

142 100

127 41.8 35.1 52.7

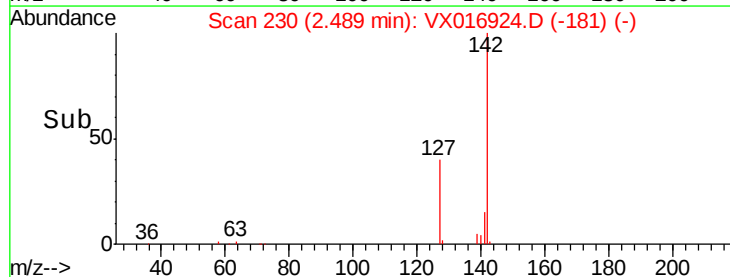
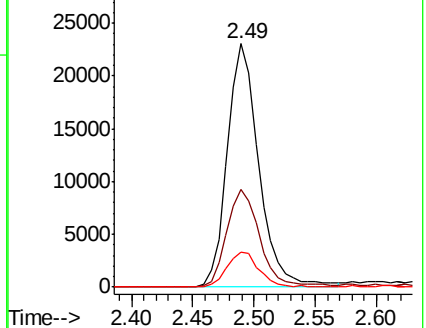
141 14.7 11.6 17.4

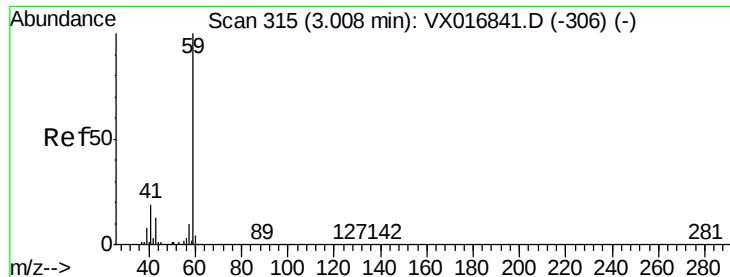


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



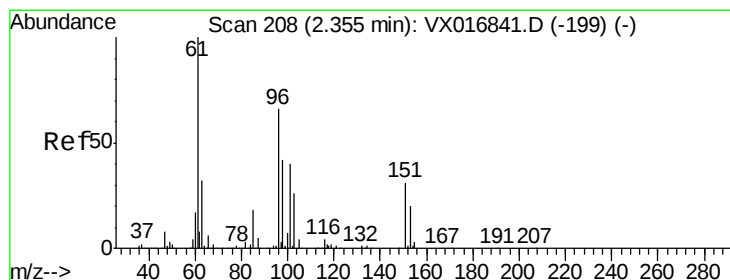
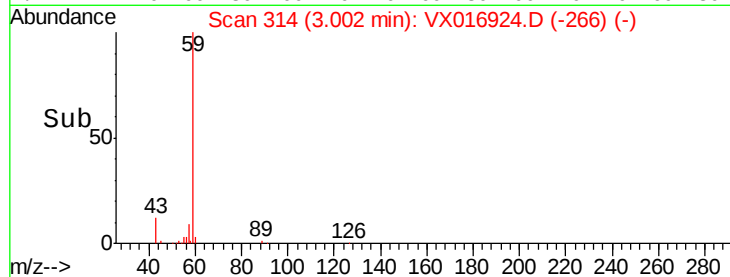
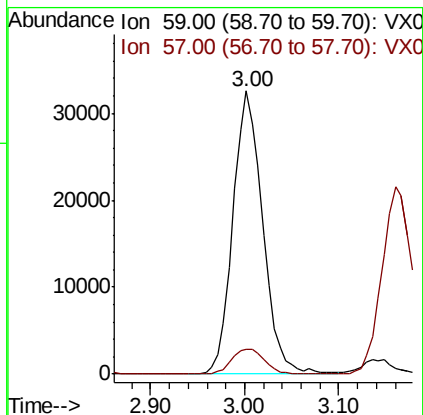
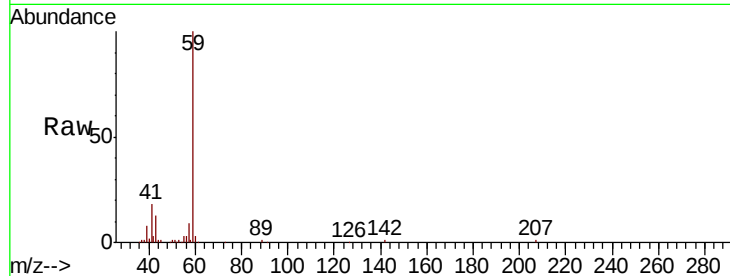


#11

Tert butyl alcohol
 Concen: 85.705 ug/l
 RT: 3.00 min Scan# 314
 Delta R.T. -0.01 min
 Lab File: VX016924.D
 Acq: 22 Jun 2020 16:56

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0622WBS01

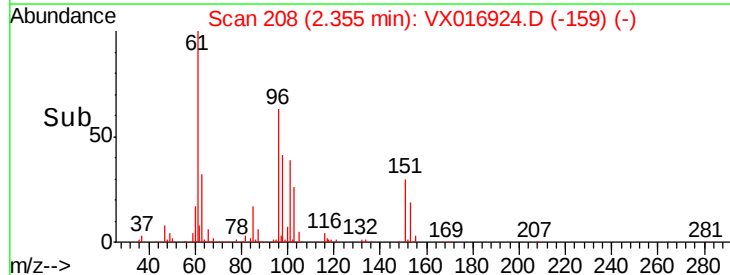
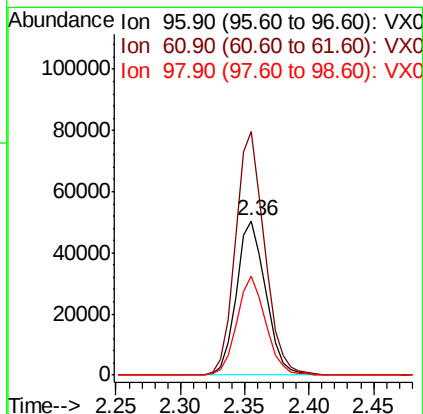
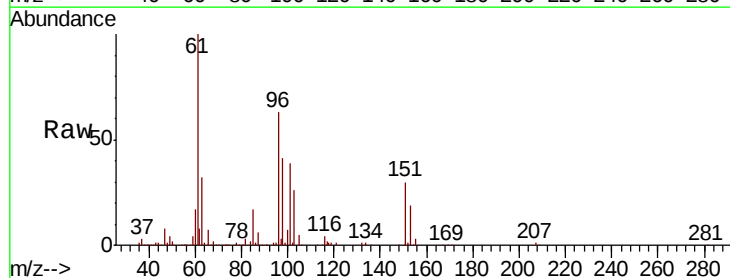
Tot Ion: 59 Resp: 71683
 Ion Ratio Lower Upper
 59 100
 57 10.0 8.4 12.6

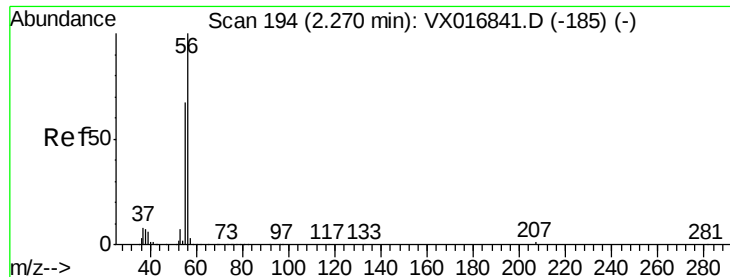


#12

1,1-Dichloroethene
 Concen: 18.007 ug/l
 RT: 2.36 min Scan# 208
 Delta R.T. 0.00 min
 Lab File: VX016924.D
 Acq: 22 Jun 2020 16:56

Tgt Ion: 96 Resp: 79160
 Ion Ratio Lower Upper
 96 100
 61 158.1 121.7 182.5
 98 64.6 51.1 76.7

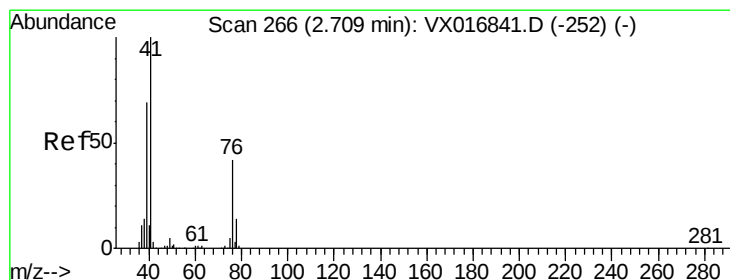
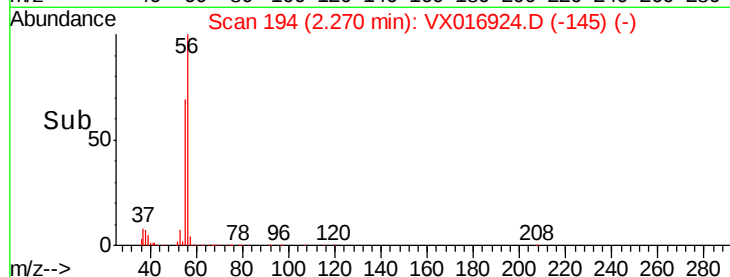
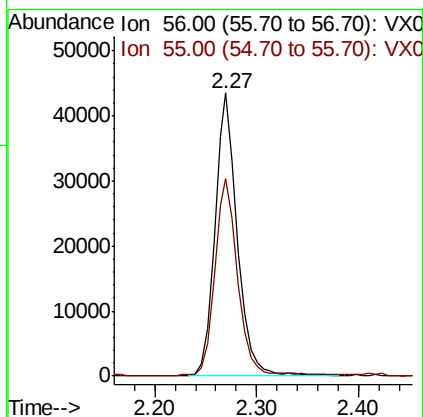
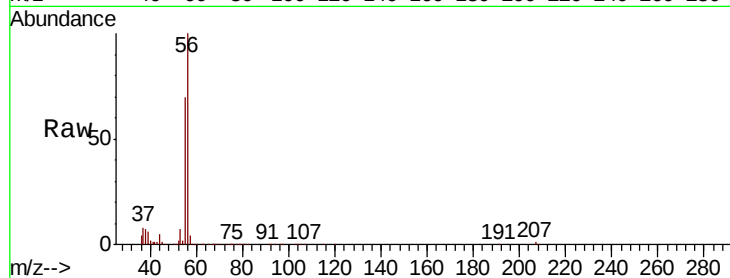




#13
Acrolein
Concen: 130.744 ug/l
RT: 2.27 min Scan# 194
Delta R.T. 0.00 min
Lab File: VX016924.D
Acq: 22 Jun 2020 16:56

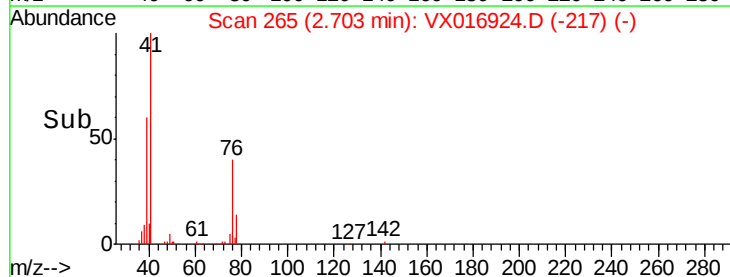
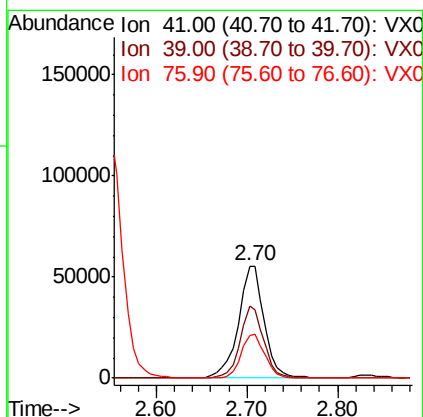
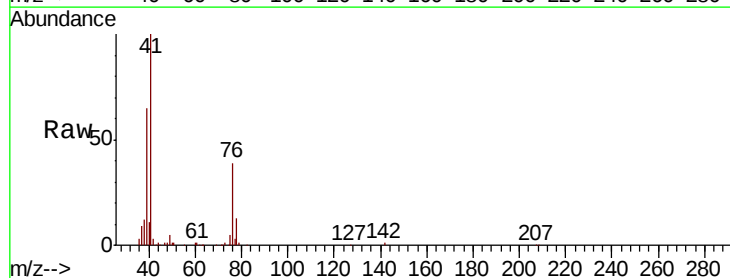
Instrument :
MSVOA_X
ClientSampleId :
VX0622WBS01

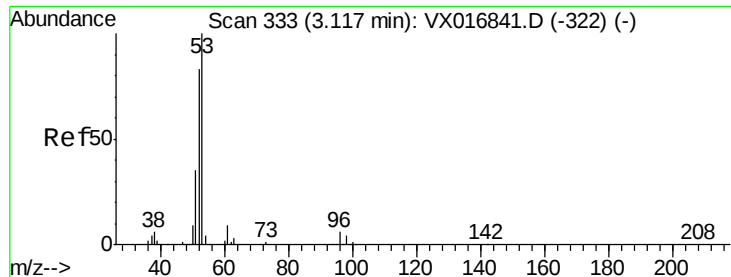
Tot Ion: 56 Resp: 66300
Ion Ratio Lower Upper
56 100
55 70.6 55.7 83.5



#14
Allyl chloride
Concen: 18.857 ug/l
RT: 2.70 min Scan# 265
Delta R.T. -0.01 min
Lab File: VX016924.D
Acq: 22 Jun 2020 16:56

Tgt Ion: 41 Resp: 109654
Ion Ratio Lower Upper
41 100
39 58.2 50.7 76.1
76 36.2 30.9 46.3





#15

Acrylonitrile

Concen: 91.246 ug/l

RT: 3.11 min Scan# 332

Delta R.T. -0.01 min

Lab File: VX016924.D

Acq: 22 Jun 2020 16:56

Instrument :

MSVOA_X

ClientSampleId :

VX0622WBS01

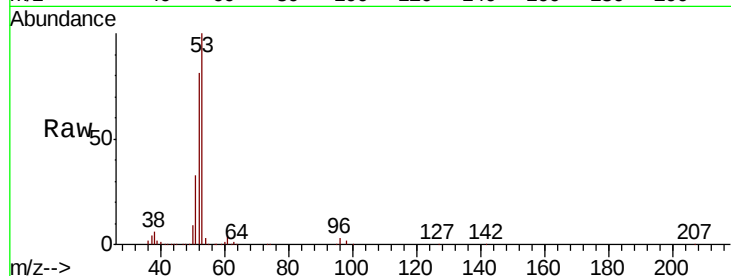
Tot Ion: 53 Resp: 174887

Ion Ratio Lower Upper

53 100

52 81.8 66.2 99.2

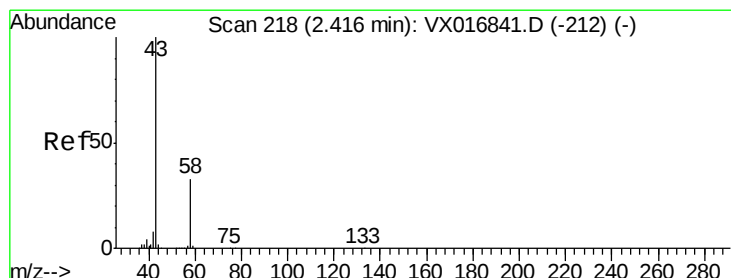
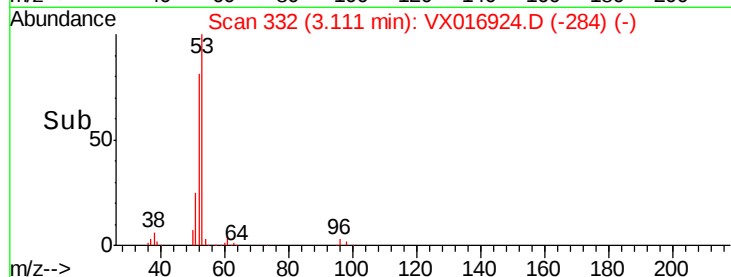
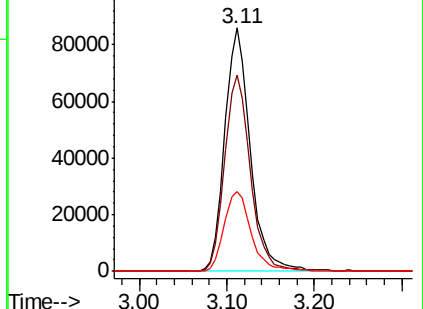
51 35.0 28.7 43.1



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: 90.283 ug/l

RT: 2.42 min Scan# 218

Delta R.T. 0.00 min

Lab File: VX016924.D

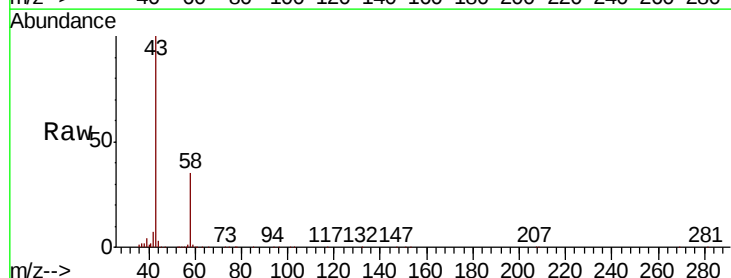
Acq: 22 Jun 2020 16:56

Tgt Ion: 43 Resp: 162153

Ion Ratio Lower Upper

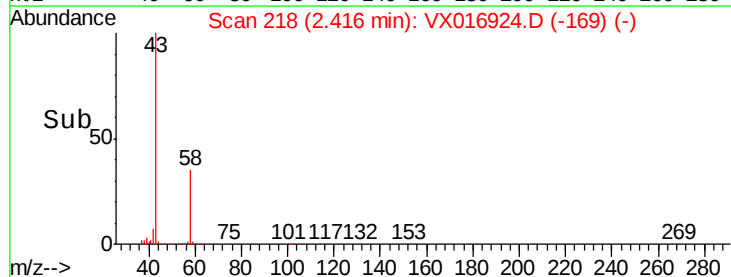
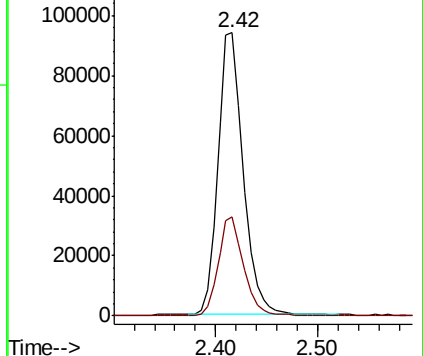
43 100

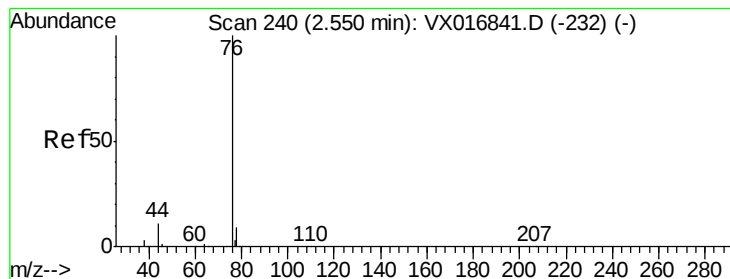
58 34.9 26.6 39.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 17.742 ug/l

RT: 2.55 min Scan# 240

Delta R.T. 0.00 min

Lab File: VX016924.D

Acq: 22 Jun 2020 16:56

Instrument :

MSVOA_X

ClientSampleId :

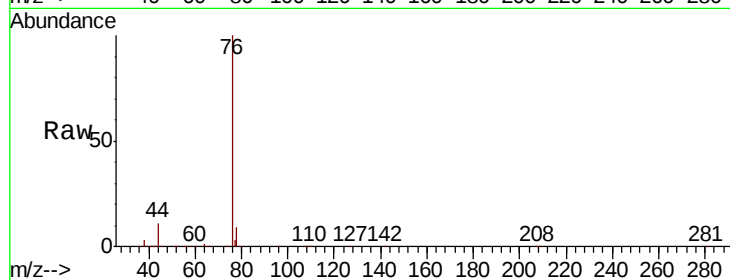
VX0622WBS01

Tot Ion: 76 Resp: 201563

Ion Ratio Lower Upper

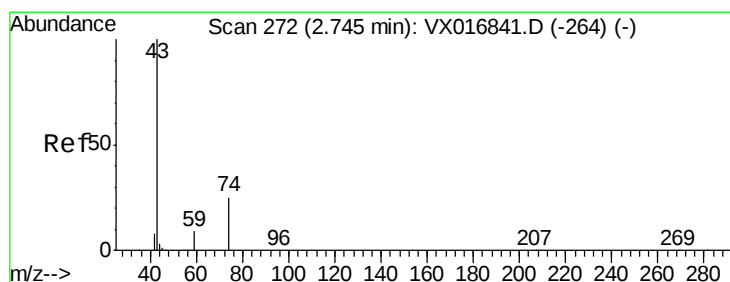
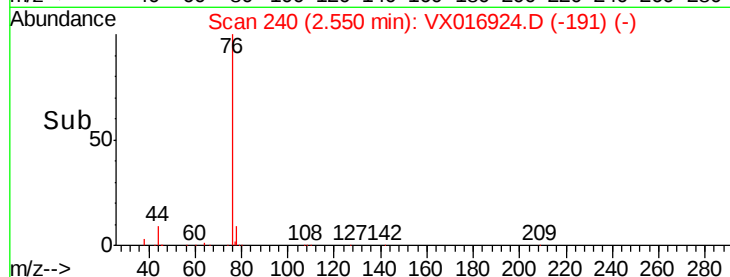
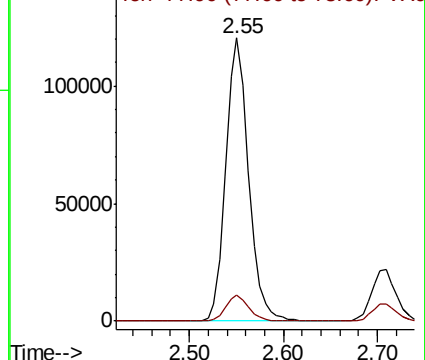
76 100

78 9.3 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: 19.393 ug/l

RT: 2.75 min Scan# 272

Delta R.T. 0.00 min

Lab File: VX016924.D

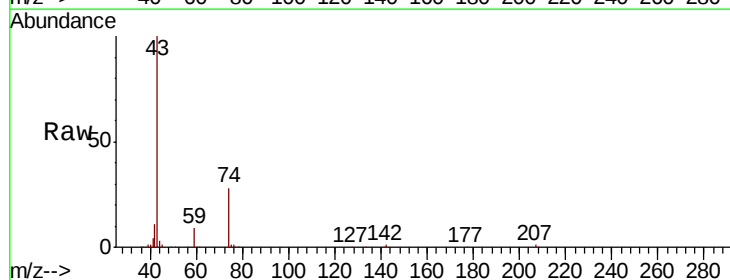
Acq: 22 Jun 2020 16:56

Tgt Ion: 43 Resp: 88568

Ion Ratio Lower Upper

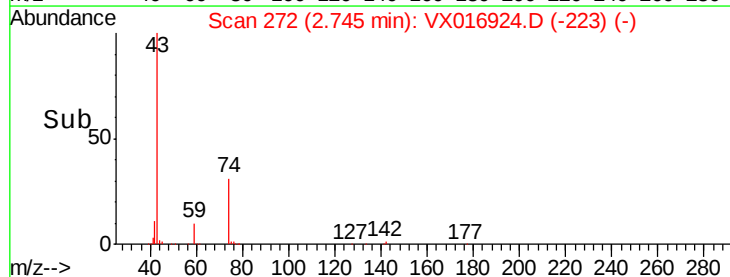
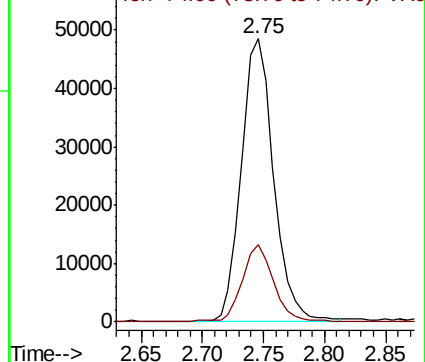
43 100

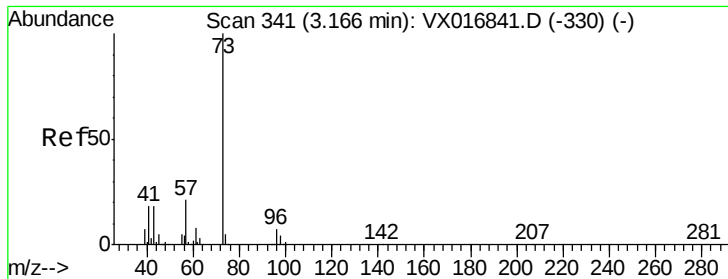
74 26.8 21.8 32.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

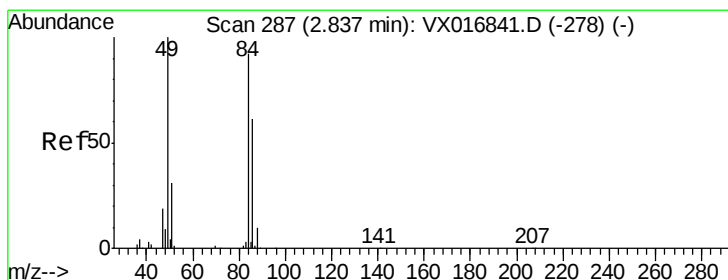
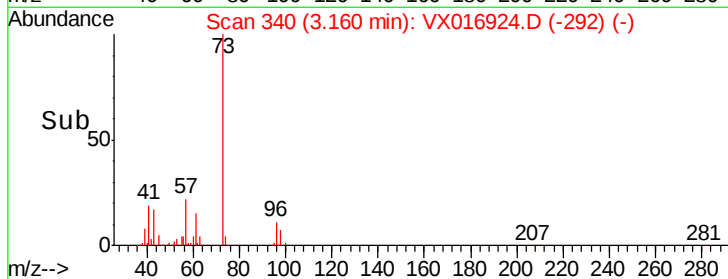
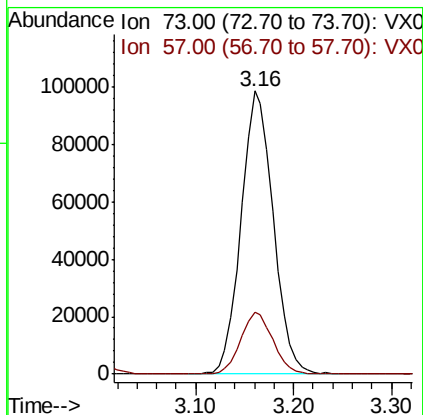
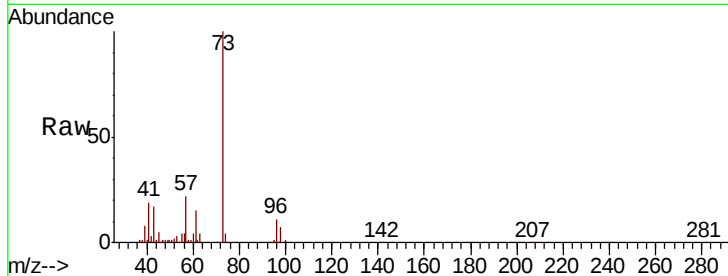




#19
Methyl tert-butyl Ether
Concen: 17.999 ug/l
RT: 3.16 min Scan# 340
Delta R.T. -0.01 min
Lab File: VX016924.D
Acq: 22 Jun 2020 16:56

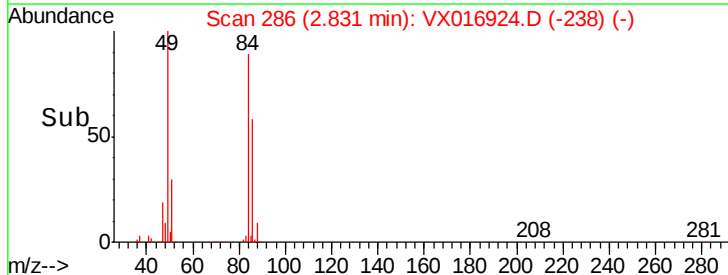
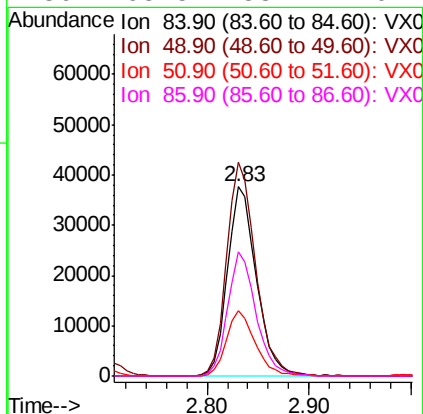
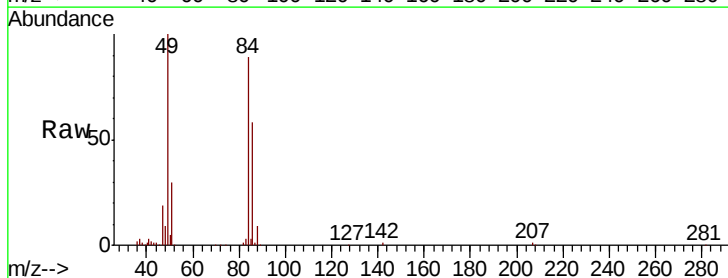
Instrument :
MSVOA_X
ClientSampleId :
VX0622WBS01

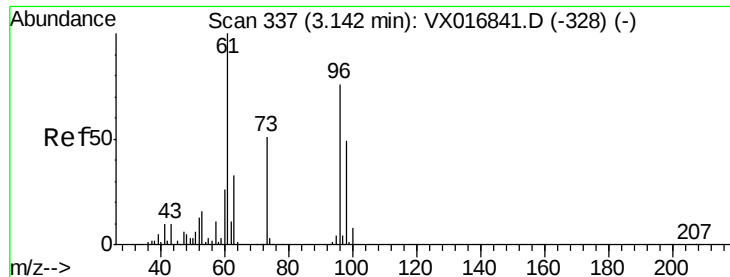
Tot Ion: 73 Resp: 225492
Ion Ratio Lower Upper
73 100
57 21.8 16.9 25.3



#20
Methylene Chloride
Concen: 17.121 ug/l
RT: 2.83 min Scan# 286
Delta R.T. -0.01 min
Lab File: VX016924.D
Acq: 22 Jun 2020 16:56

Tgt Ion: 84 Resp: 73740
Ion Ratio Lower Upper
84 100
49 112.8 86.6 129.8
51 34.4 27.1 40.7
86 65.5 53.1 79.7





#21

trans-1,2-Dichloroethene

Concen: 17.469 ug/l

RT: 3.14 min Scan# 337

Delta R.T. 0.00 min

Lab File: VX016924.D

Acq: 22 Jun 2020 16:56

Instrument :

MSVOA_X

ClientSampleId :

VX0622WBS01

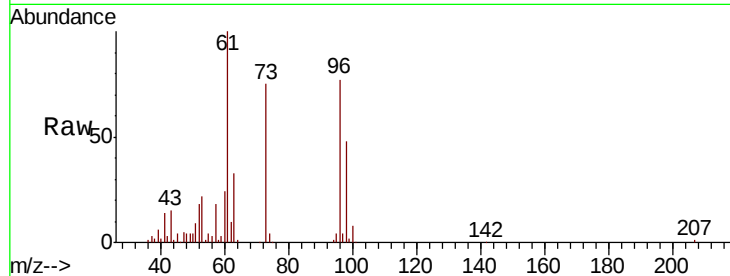
Tot Ion: 96 Resp: 72493

Ion Ratio Lower Upper

96 100

61 129.1 105.4 158.0

98 62.1 51.3 76.9

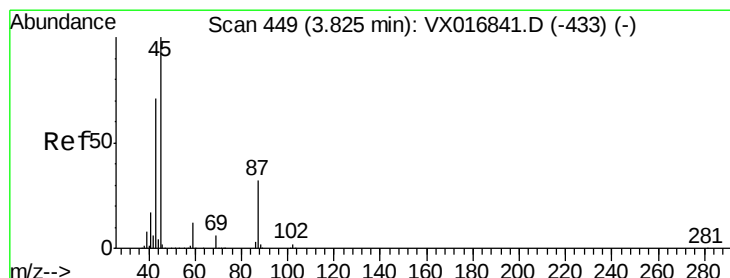
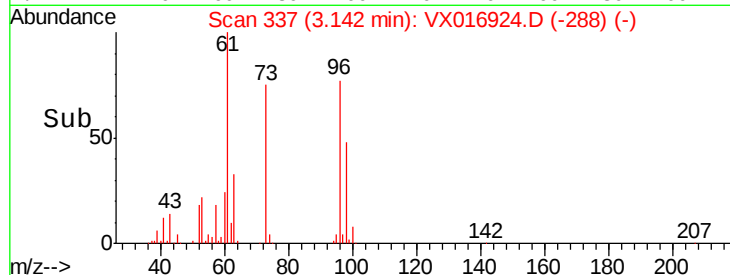
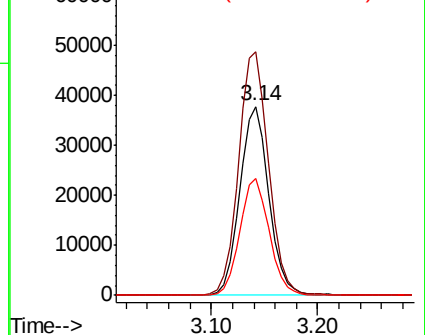


Abundance

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: 19.465 ug/l

RT: 3.82 min Scan# 448

Delta R.T. -0.01 min

Lab File: VX016924.D

Acq: 22 Jun 2020 16:56

Tgt Ion: 45 Resp: 216864

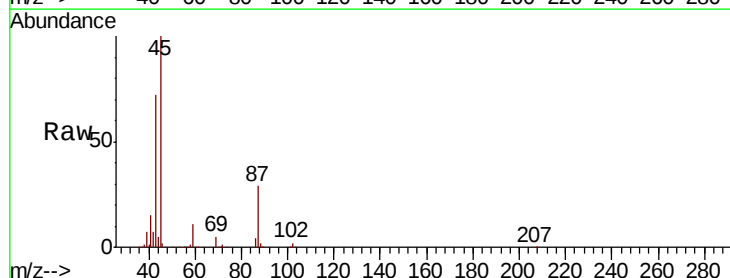
Ion Ratio Lower Upper

45 100

43 72.2 57.0 85.4

87 29.2 25.2 37.8

59 11.4 9.9 14.9



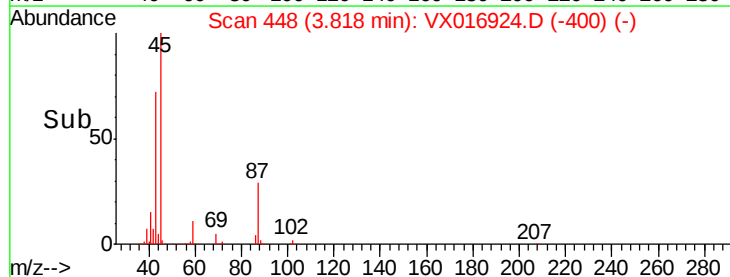
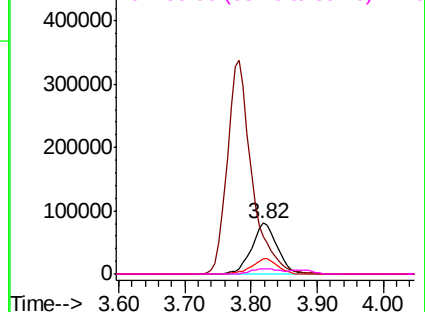
Abundance

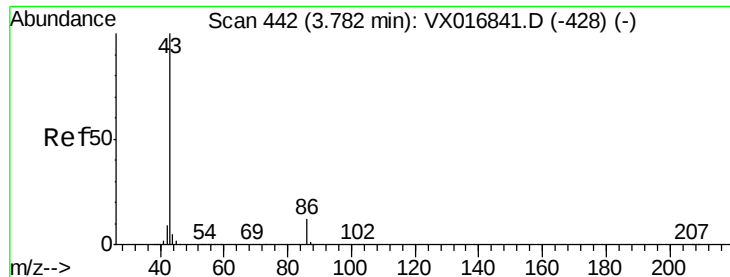
Ion 45.00 (44.70 to 45.70): VX0

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: 94.773 ug/l

RT: 3.78 min Scan# 442

Delta R.T. 0.00 min

Lab File: VX016924.D

Acq: 22 Jun 2020 16:56

Instrument :

MSVOA_X

ClientSampleId :

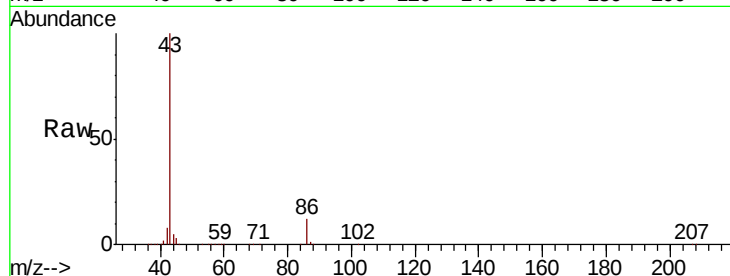
VX0622WBS01

Tot Ion: 43 Resp: 870666

Ion Ratio Lower Upper

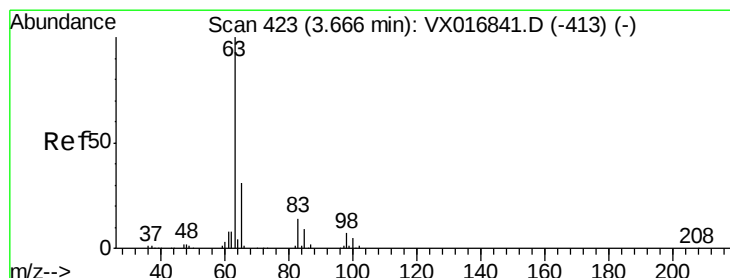
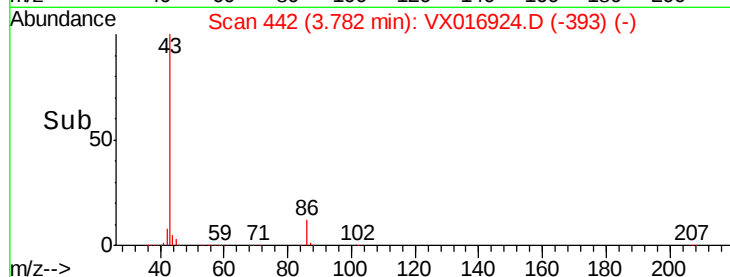
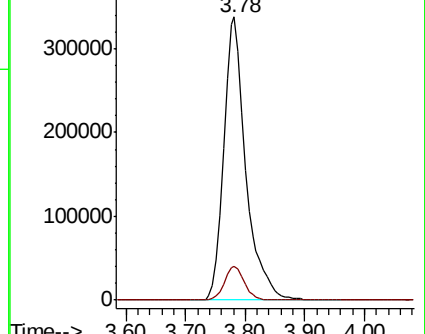
43 100

86 12.0 9.9 14.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 18.139 ug/l

RT: 3.67 min Scan# 423

Delta R.T. 0.00 min

Lab File: VX016924.D

Acq: 22 Jun 2020 16:56

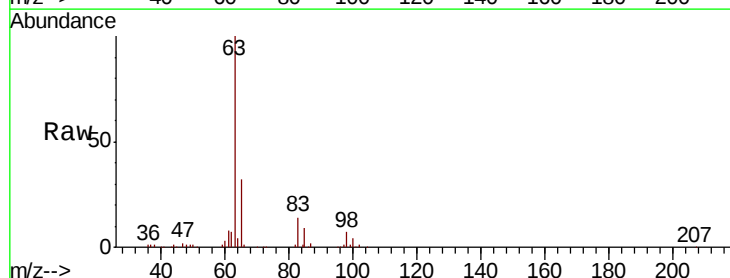
Tgt Ion: 63 Resp: 126235

Ion Ratio Lower Upper

63 100

98 7.3 3.6 10.9

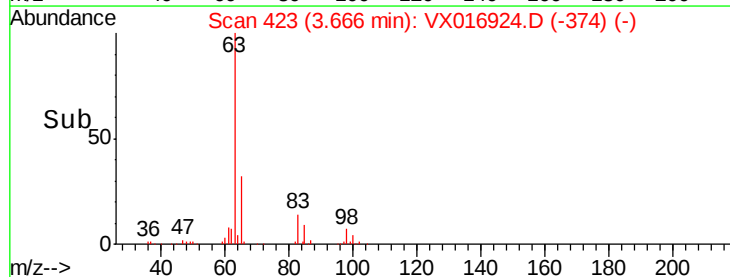
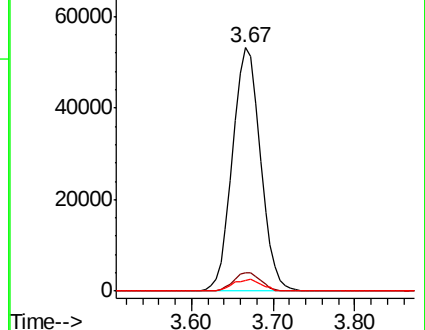
100 4.5 2.4 7.1

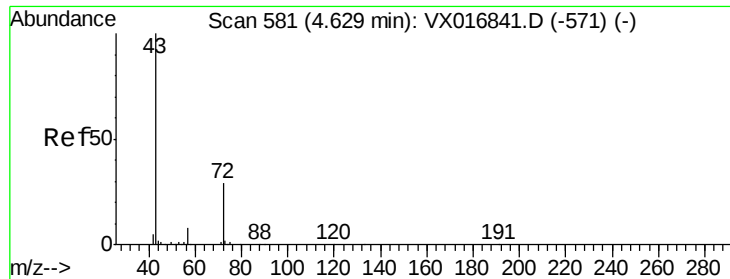


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0

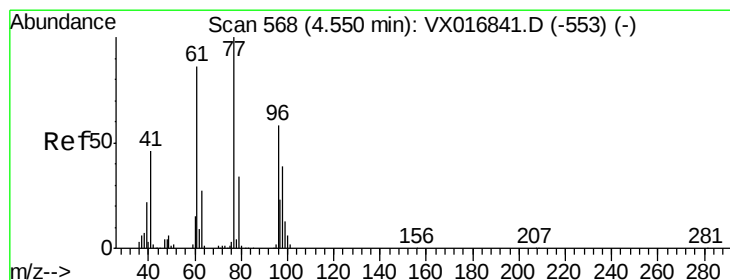
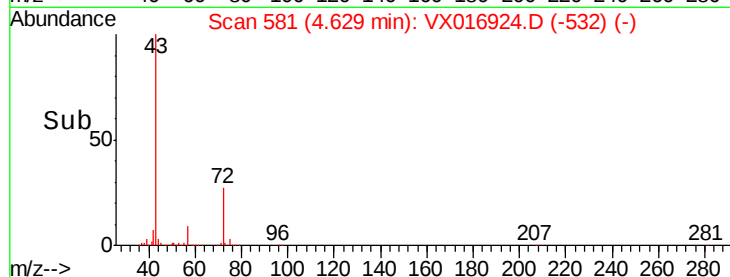
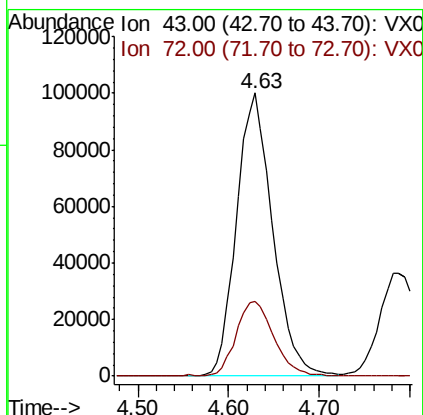
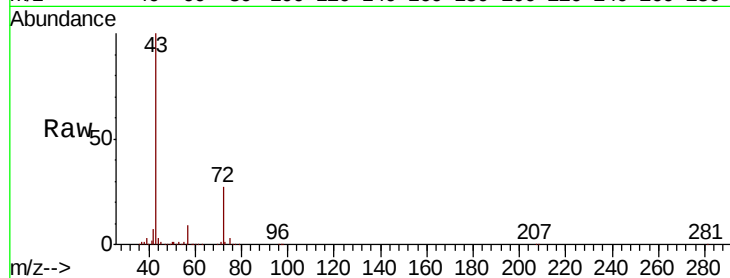




#25
2-Butanone
Concen: 111.297 ug/l
RT: 4.63 min Scan# 581
Delta R.T. 0.00 min
Lab File: VX016924.D
Acq: 22 Jun 2020 16:56

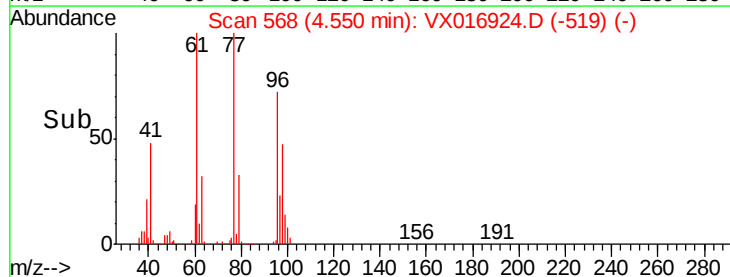
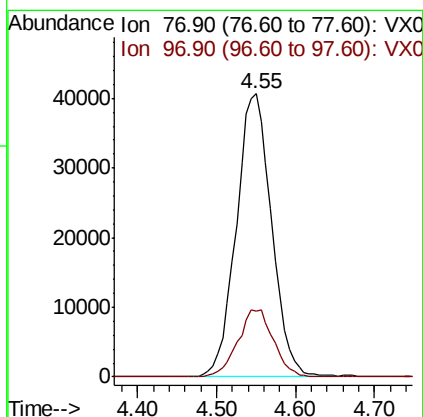
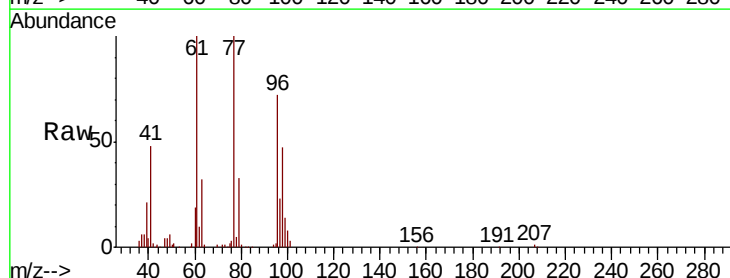
Instrument :
MSVOA_X
ClientSampleId :
VX0622WBS01

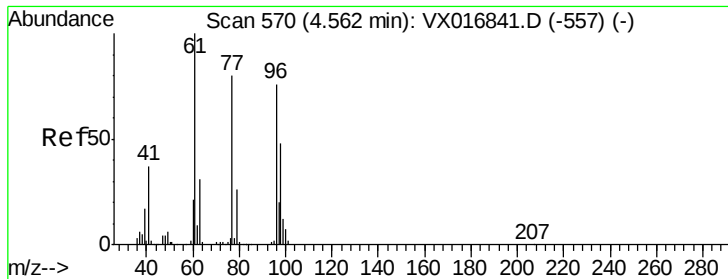
Tot Ion: 43 Resp: 275105
Ion Ratio Lower Upper
43 100
72 26.4 23.5 35.3



#26
2,2-Dichloropropane
Concen: 19.425 ug/l
RT: 4.55 min Scan# 568
Delta R.T. 0.00 min
Lab File: VX016924.D
Acq: 22 Jun 2020 16:56

Tgt Ion: 77 Resp: 126655
Ion Ratio Lower Upper
77 100
97 23.9 11.6 34.7



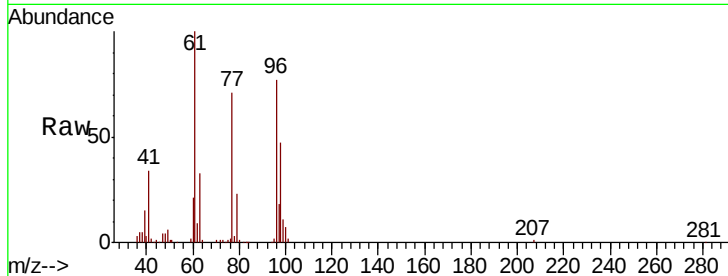


#27

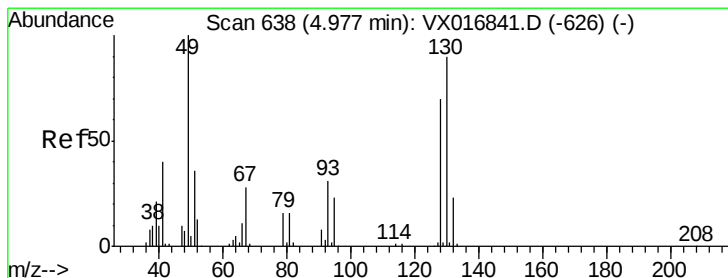
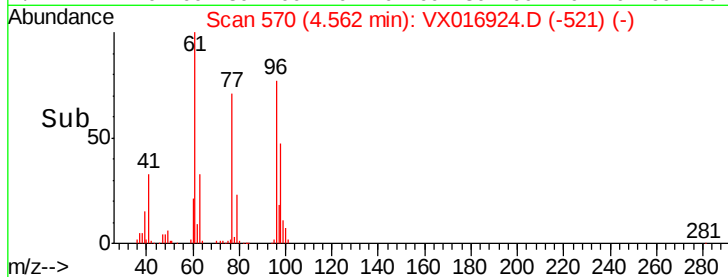
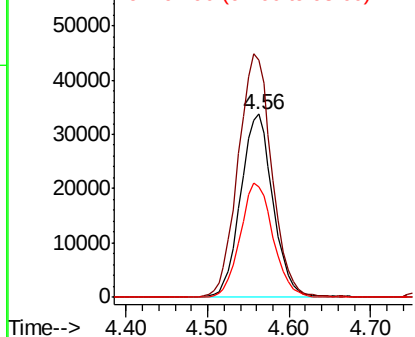
cis-1,2-Dichloroethene
Concen: 19.899 ug/l
RT: 4.56 min Scan# 570
Delta R.T. 0.00 min
Lab File: VX016924.D
Acq: 22 Jun 2020 16:56

Instrument :
MSVOA_X
ClientSampleId :
VX0622WBS01

Tot Ion: 96 Resp: 92810
Ion Ratio Lower Upper
96 100
61 138.9 0.0 273.8
98 63.4 0.0 129.0



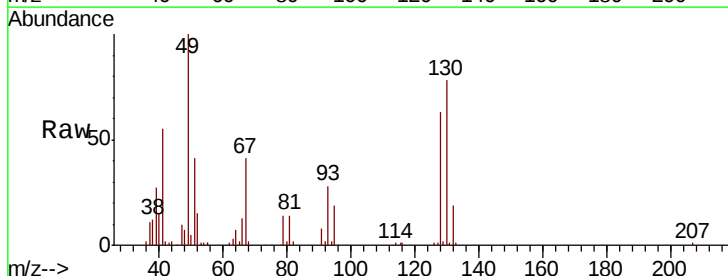
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



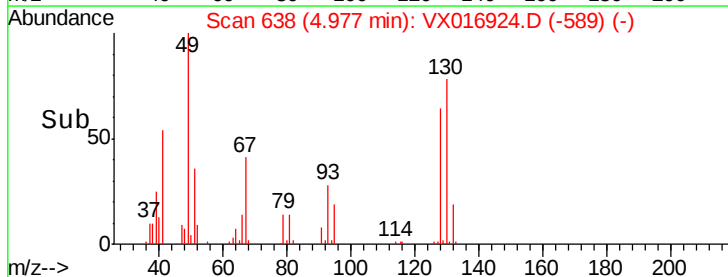
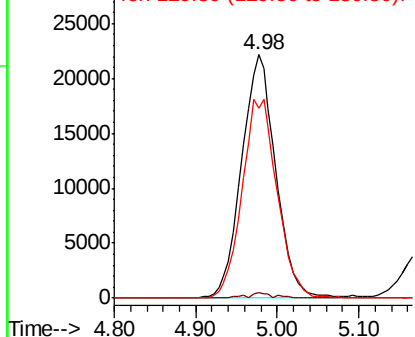
#28

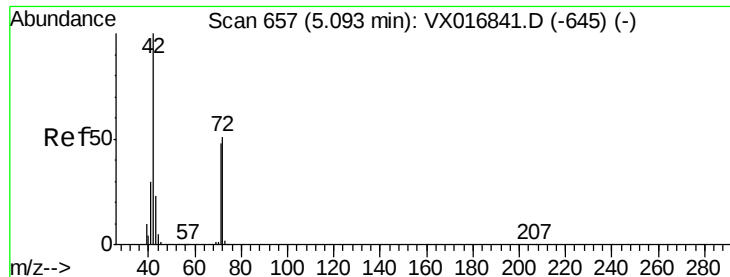
Bromochloromethane
Concen: 22.261 ug/l
RT: 4.98 min Scan# 638
Delta R.T. 0.00 min
Lab File: VX016924.D
Acq: 22 Jun 2020 16:56

Tgt Ion: 49 Resp: 64298
Ion Ratio Lower Upper
49 100
129 1.6 0.0 5.0
130 84.2 76.8 115.2



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

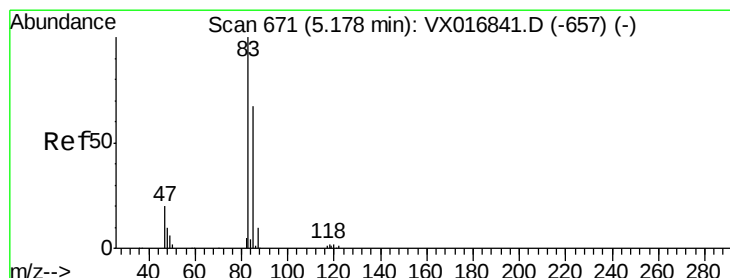
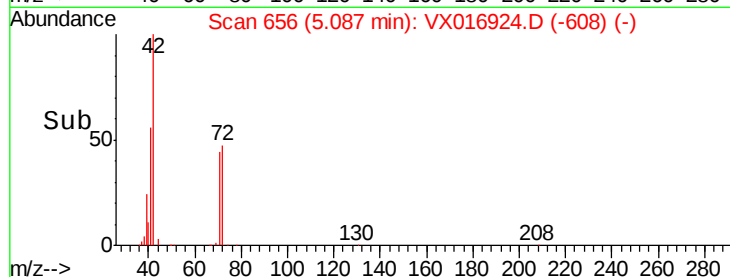
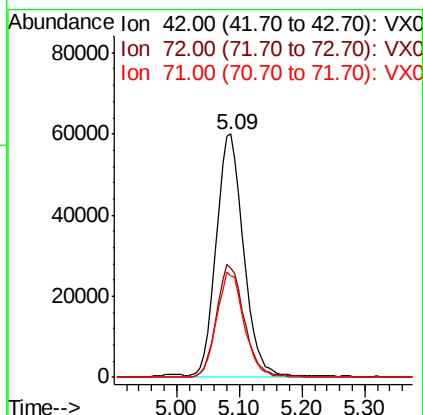
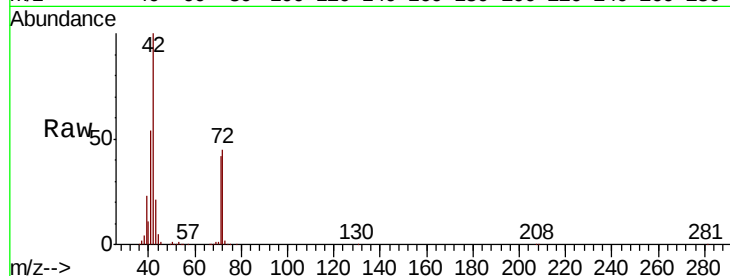




#29
Tetrahydrofuran
Concen: 115.531 ug/l
RT: 5.09 min Scan# 656
Delta R.T. -0.01 min
Lab File: VX016924.D
Acq: 22 Jun 2020 16:56

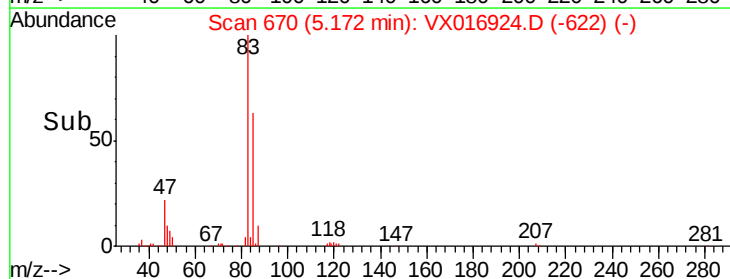
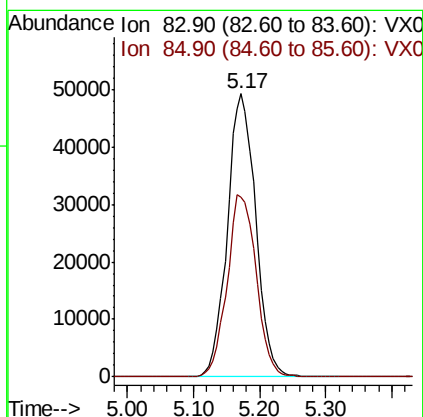
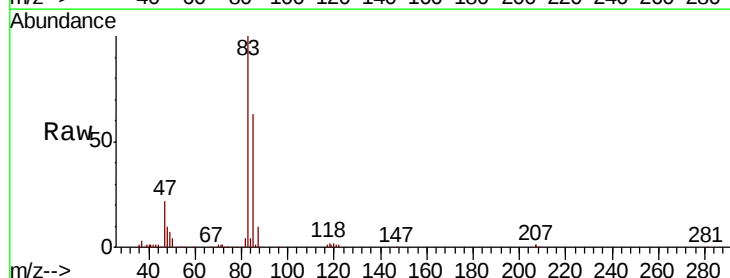
Instrument :
MSVOA_X
ClientSampleId :
VX0622WBS01

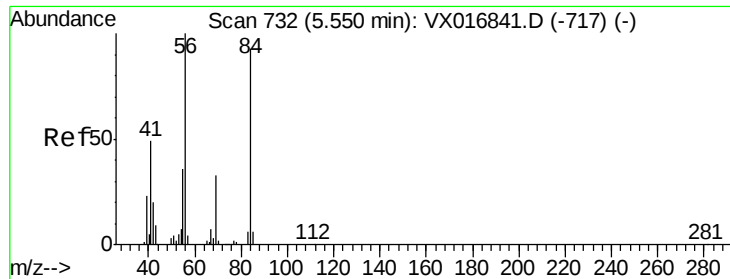
Tot Ion	Ratio	Lower	Upper
42	100		
72	47.4	41.1	61.7
71	43.7	38.4	57.6



#30
Chloroform
Concen: 19.962 ug/l
RT: 5.17 min Scan# 670
Delta R.T. -0.01 min
Lab File: VX016924.D
Acq: 22 Jun 2020 16:56

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.3	53.4	80.0

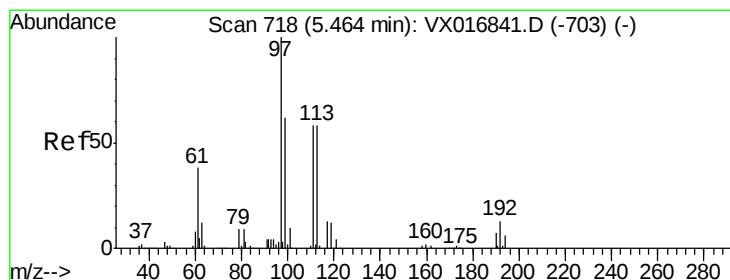
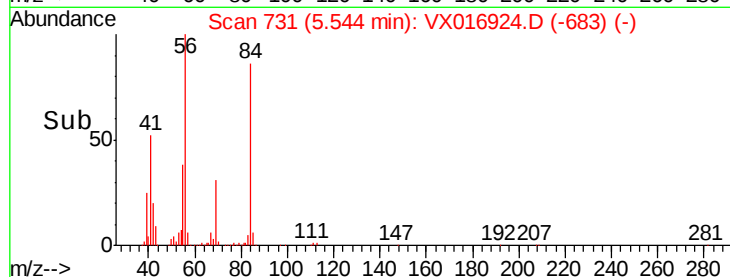
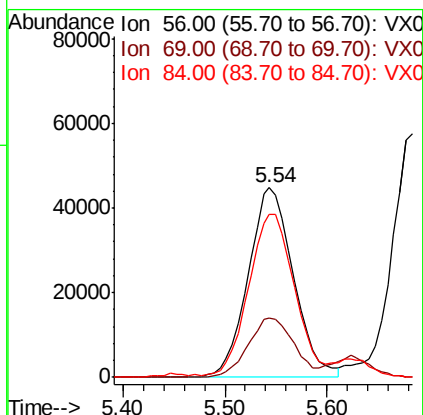
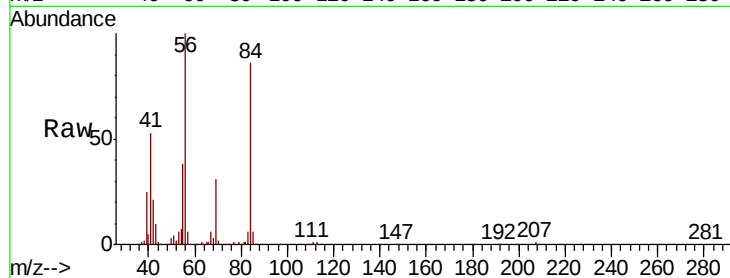




#31
Cyclohexane
Concen: 22.510 ug/l
RT: 5.54 min Scan# 731
Delta R.T. -0.01 min
Lab File: VX016924.D
Acq: 22 Jun 2020 16:56

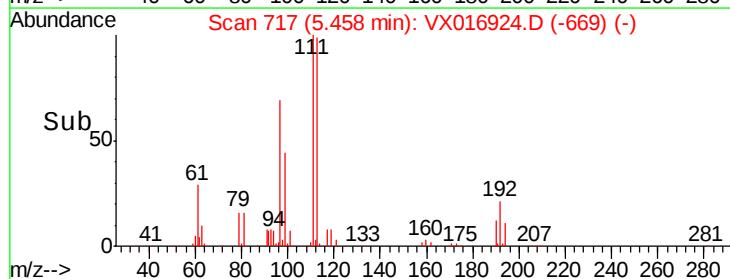
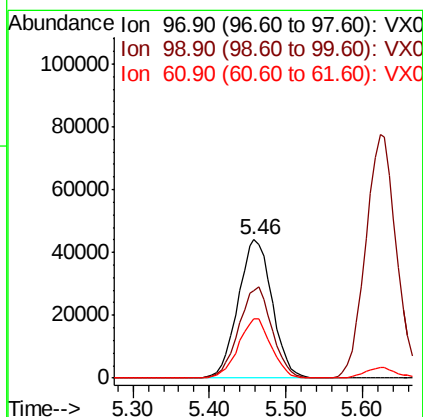
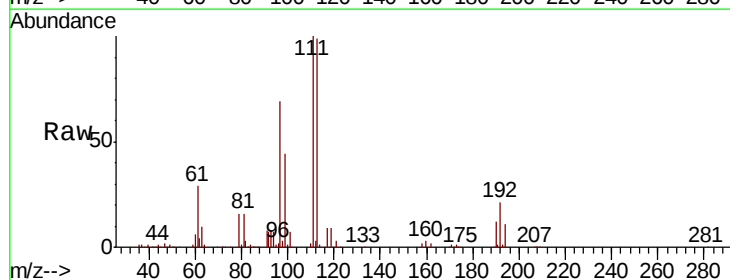
Instrument :
MSVOA_X
ClientSampleId :
VX0622WBS01

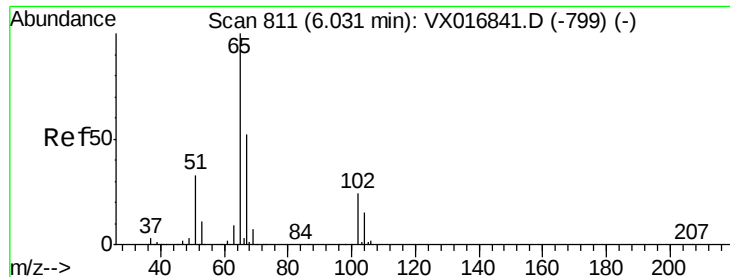
Tot Ion: 56 Resp: 137720
Ion Ratio Lower Upper
56 100
69 31.0 26.1 39.1
84 85.0 73.0 109.6



#32
1,1,1-Trichloroethane
Concen: 19.592 ug/l
RT: 5.46 min Scan# 717
Delta R.T. -0.01 min
Lab File: VX016924.D
Acq: 22 Jun 2020 16:56

Tgt Ion: 97 Resp: 136237
Ion Ratio Lower Upper
97 100
99 64.2 51.3 76.9
61 41.5 31.3 46.9





#33

1,2-Dichloroethane-d4

Concen: 42.172 ug/l

RT: 6.03 min Scan# 810

Delta R.T. -0.01 min

Lab File: VX016924.D

Acq: 22 Jun 2020 16:56

Instrument :

MSVOA_X

ClientSampleId :

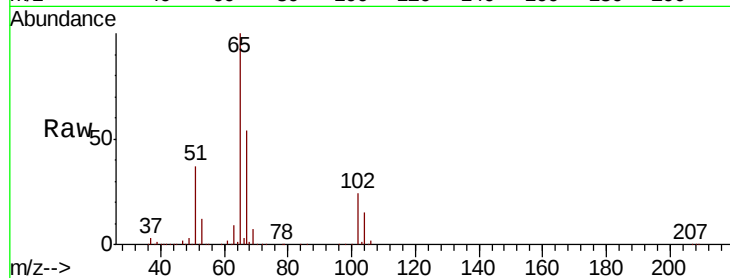
VX0622WBS01

Tot Ion: 65 Resp: 208648

Ion Ratio Lower Upper

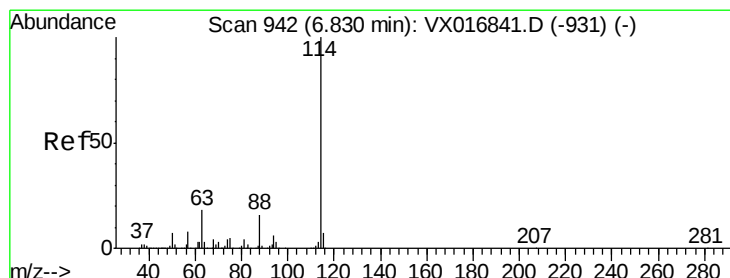
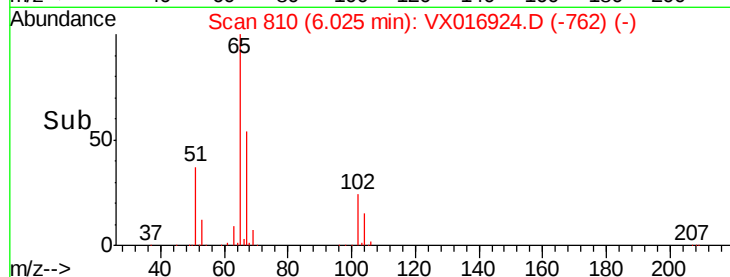
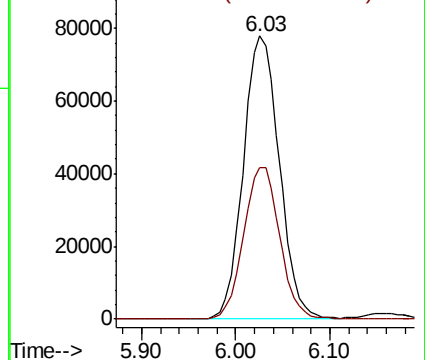
65 100

67 53.8 0.0 102.6



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. 0.00 min

Lab File: VX016924.D

Acq: 22 Jun 2020 16:56

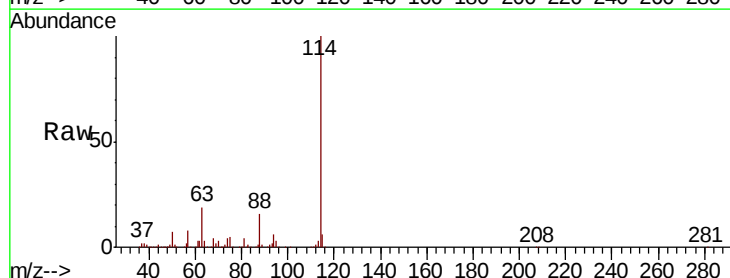
Tgt Ion:114 Resp: 538178

Ion Ratio Lower Upper

114 100

63 19.5 0.0 37.0

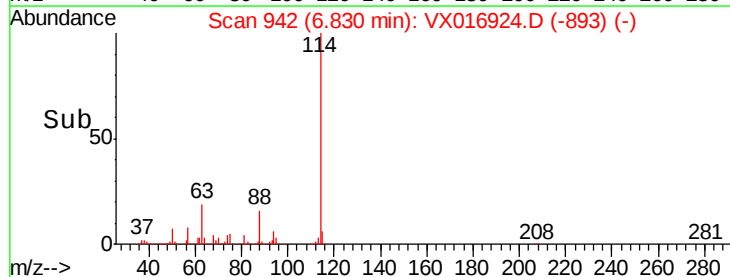
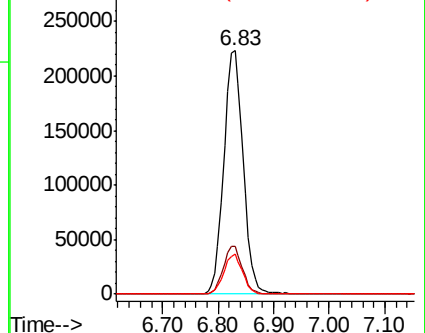
88 16.3 0.0 32.0

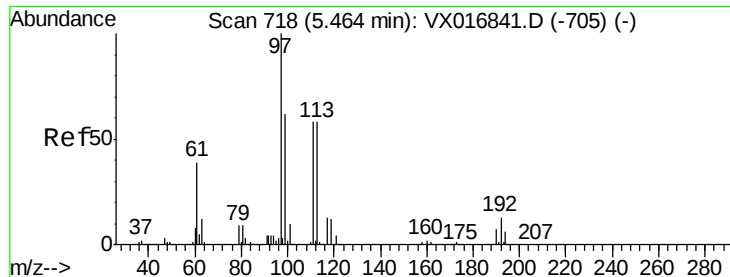


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 53.376 ug/l

RT: 5.46 min Scan# 718

Delta R.T. 0.00 min

Lab File: VX016924.D

Acq: 22 Jun 2020 16:56

Instrument :

MSVOA_X

ClientSampleId :

VX0622WBS01

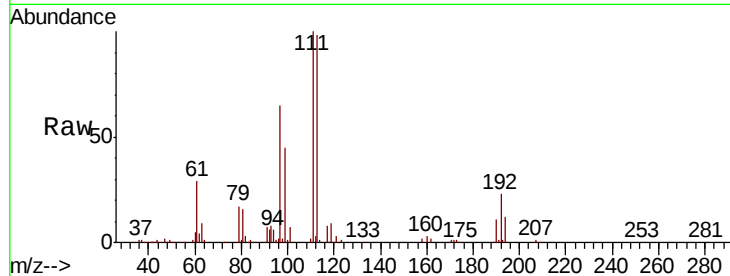
Tot Ion:113 Resp: 183760

Ion Ratio Lower Upper

113 100

111 102.6 81.0 121.4

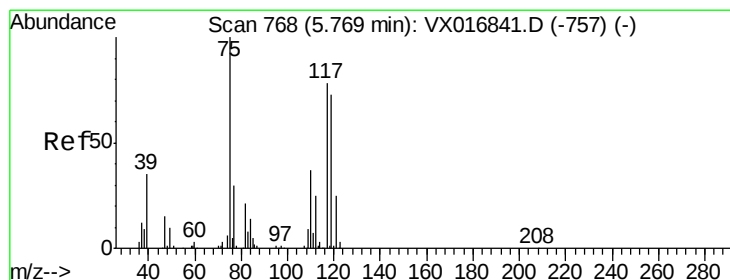
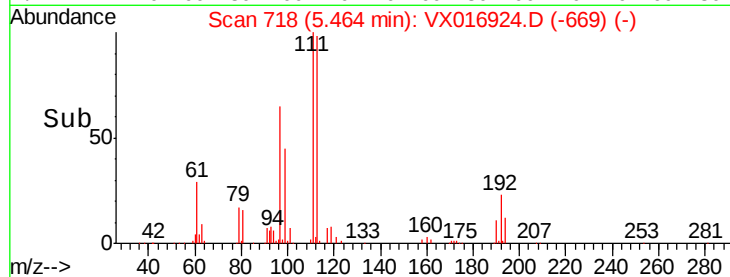
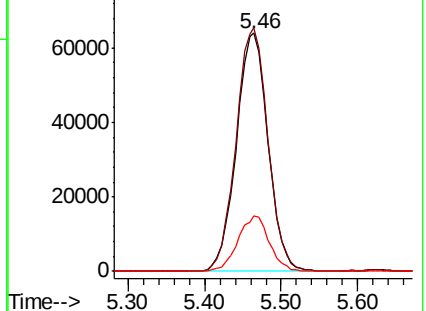
192 23.0 18.5 27.7



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 22.487 ug/l

RT: 5.77 min Scan# 768

Delta R.T. 0.00 min

Lab File: VX016924.D

Acq: 22 Jun 2020 16:56

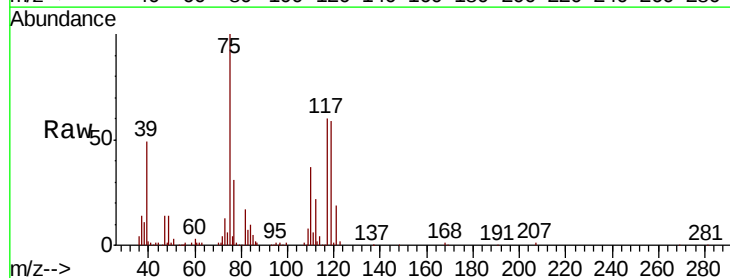
Tgt Ion: 75 Resp: 111739

Ion Ratio Lower Upper

75 100

110 36.5 18.9 56.9

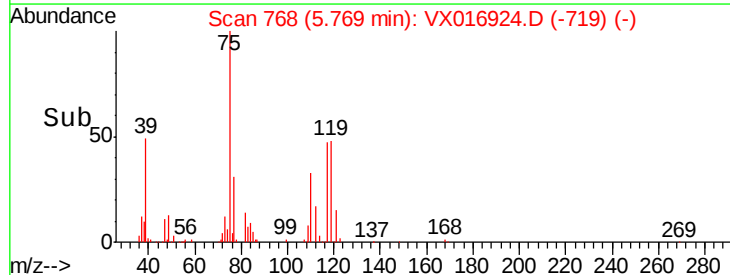
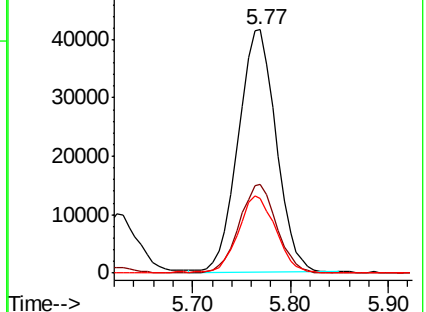
77 31.4 25.6 38.4

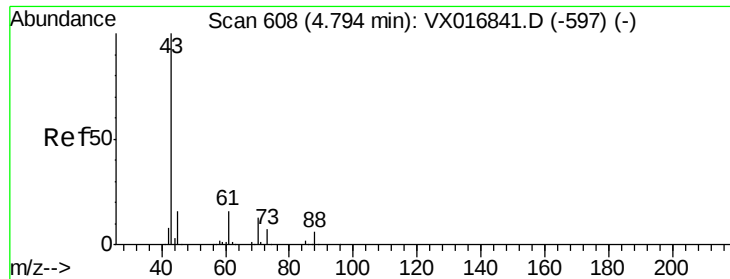


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0





#37

Ethyl Acetate

Concen: 25.450 ug/l

RT: 4.78 min Scan# 606

Delta R.T. -0.01 min

Lab File: VX016924.D

Acq: 22 Jun 2020 16:56

Instrument :

MSVOA_X

ClientSampled :

VX0622WBS01

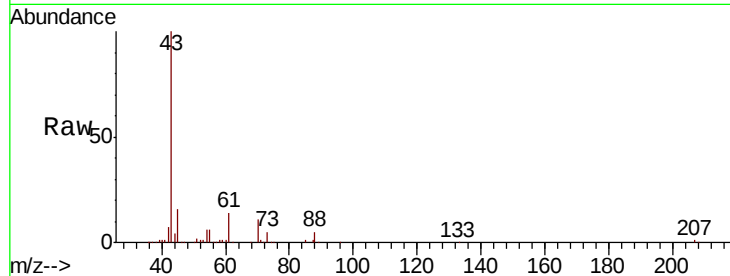
Tot Ion: 43 Resp: 111741

Ion Ratio Lower Upper

43 100

61 14.9 12.2 18.2

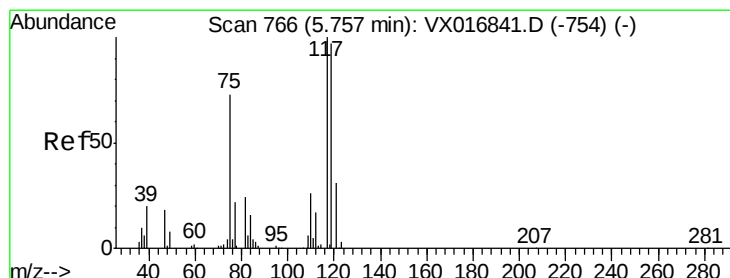
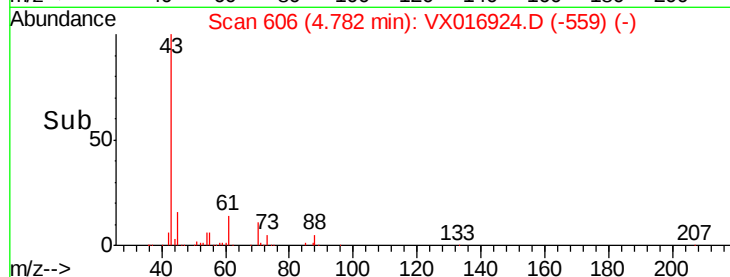
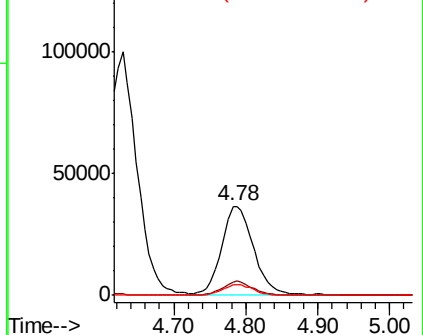
70 12.1 10.5 15.7



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 70.00 (69.70 to 70.70): VX0



#38

Carbon Tetrachloride

Concen: 20.513 ug/l

RT: 5.76 min Scan# 766

Delta R.T. 0.00 min

Lab File: VX016924.D

Acq: 22 Jun 2020 16:56

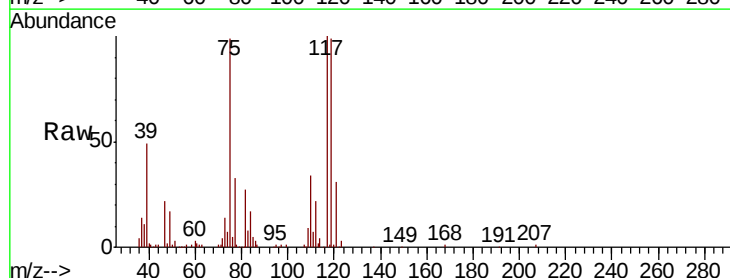
Tgt Ion: 117 Resp: 114373

Ion Ratio Lower Upper

117 100

119 99.0 77.4 116.2

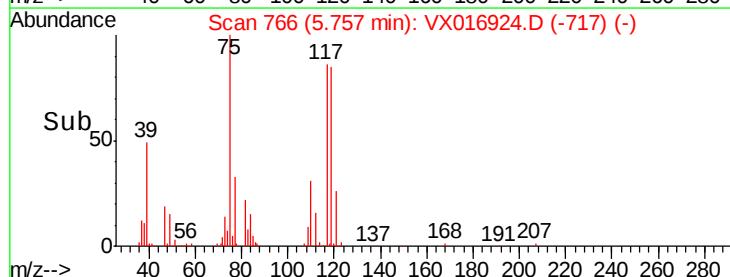
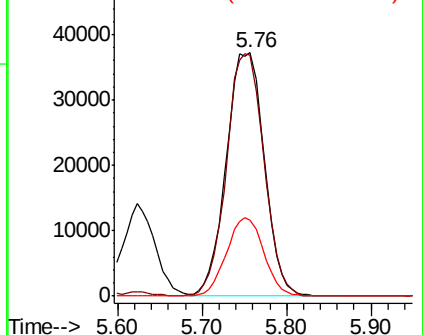
121 31.0 24.7 37.1

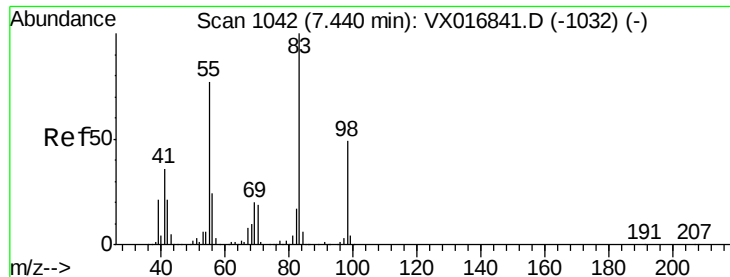


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V

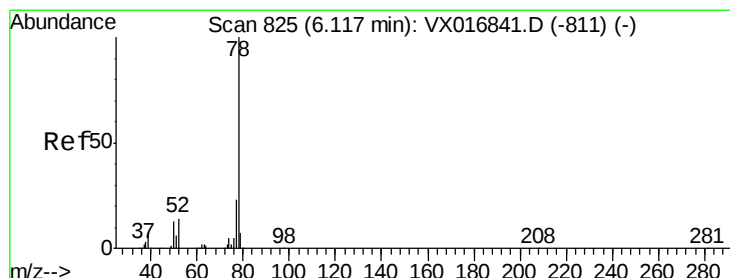
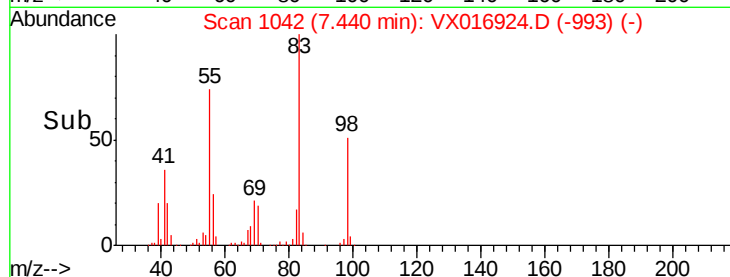
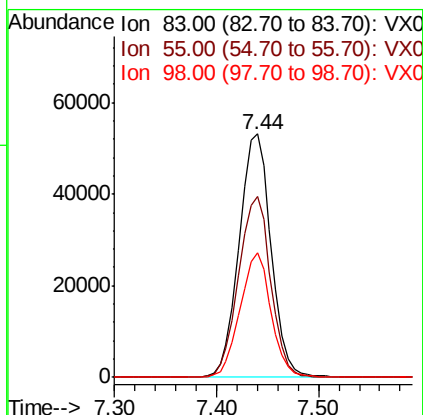
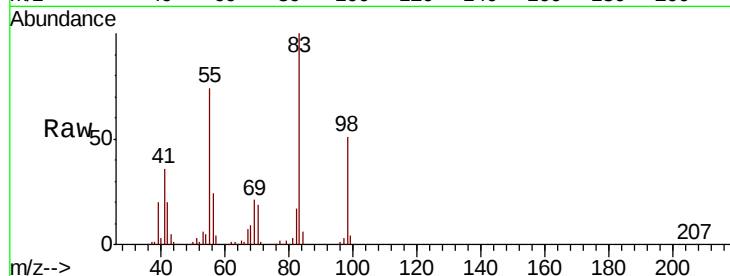




#39
Methvlcvclohexane
Concen: 20.020 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. 0.00 min
Lab File: VX016924.D
Acq: 22 Jun 2020 16:56

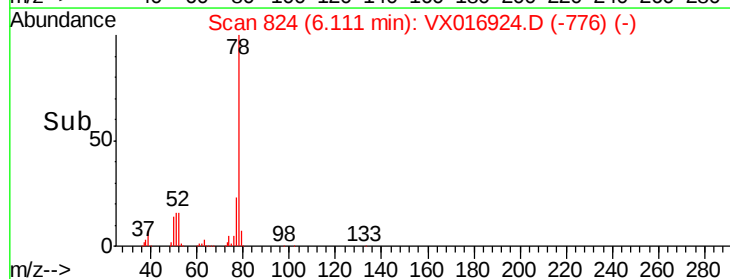
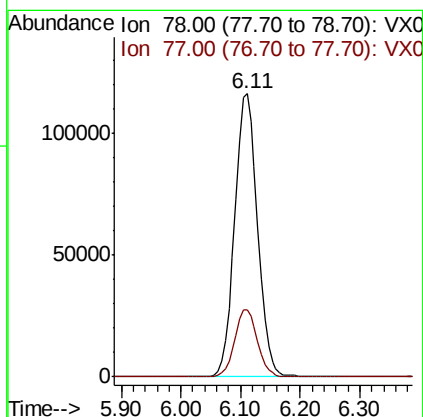
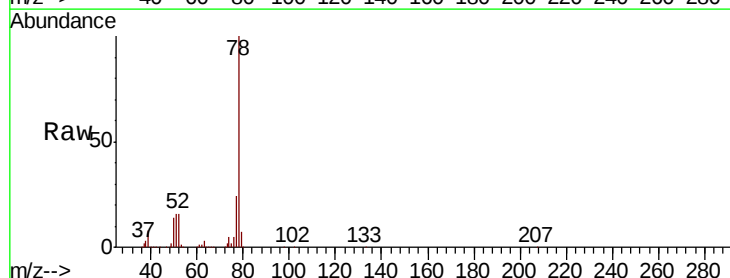
Instrument :
MSVOA_X
ClientSampleId :
VX0622WBS01

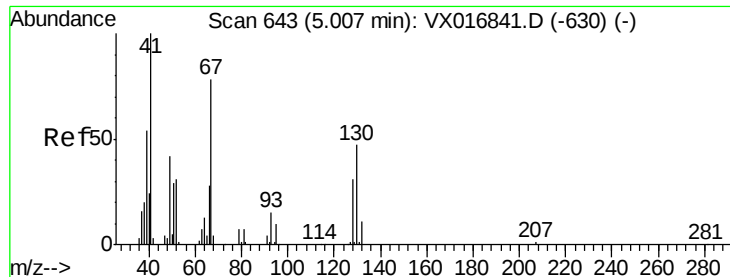
Tot Ion: 83 Resp: 115675
Ion Ratio Lower Upper
83 100
55 74.1 61.7 92.5
98 51.1 39.0 58.6



#40
Benzene
Concen: 20.828 ug/l
RT: 6.11 min Scan# 824
Delta R.T. -0.01 min
Lab File: VX016924.D
Acq: 22 Jun 2020 16:56

Tgt Ion: 78 Resp: 310546
Ion Ratio Lower Upper
78 100
77 23.7 18.6 27.8

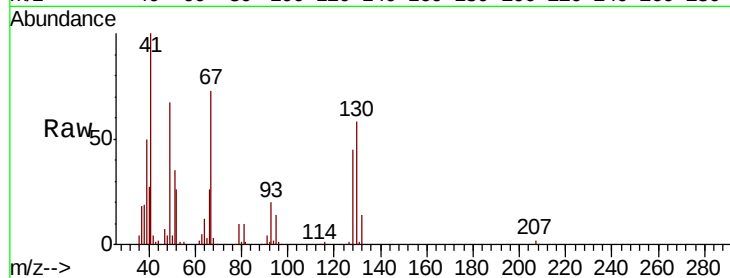




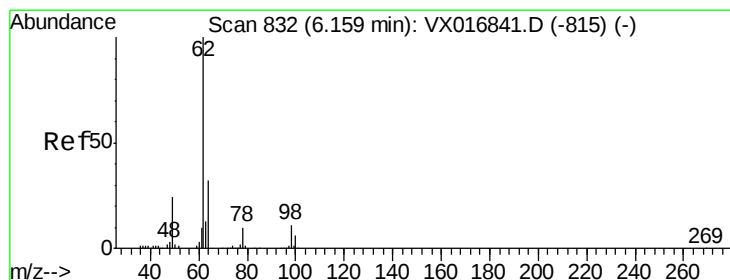
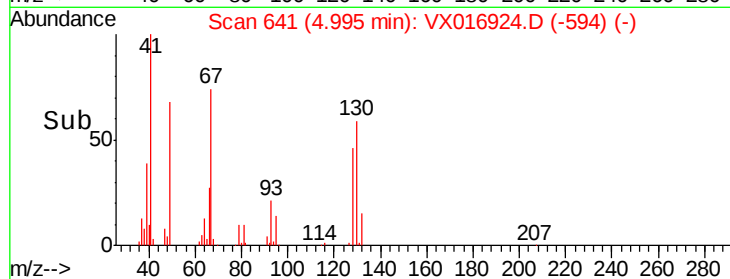
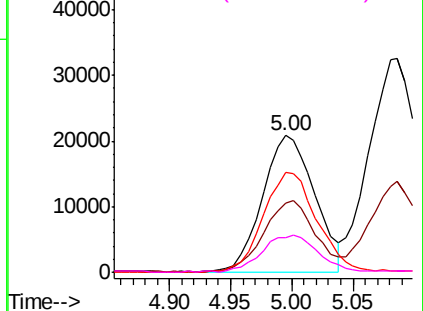
#41
Methacrylonitrile
Concen: 26.015 ug/l
RT: 5.00 min Scan# 641
Delta R.T. -0.01 min
Lab File: VX016924.D
Acq: 22 Jun 2020 16:56

Instrument :
MSVOA_X
ClientSampled :
VX0622WBS01

Tot Ion:	41	Resp:	62009
Ion	Ratio	Lower	Upper
41	100		
39	52.3	42.6	64.0
67	75.8	64.2	96.2
52	29.1	25.6	38.4

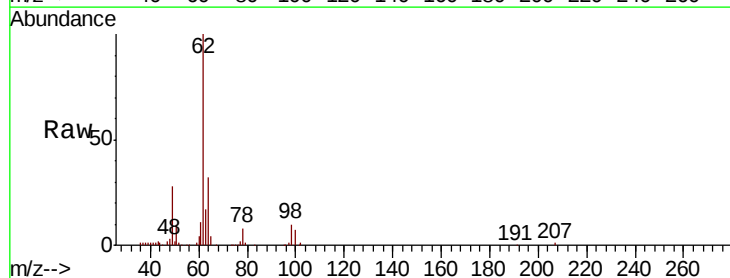


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

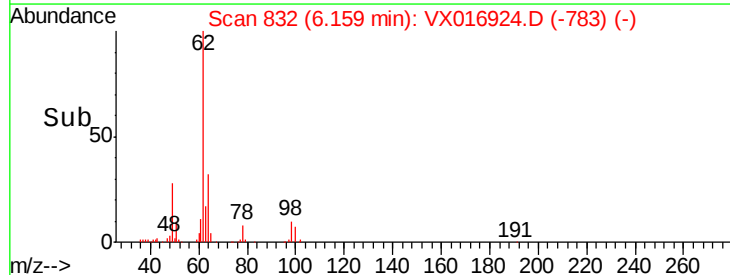
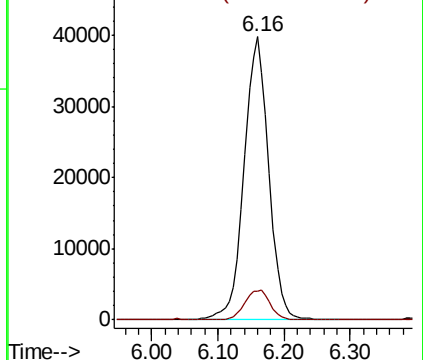


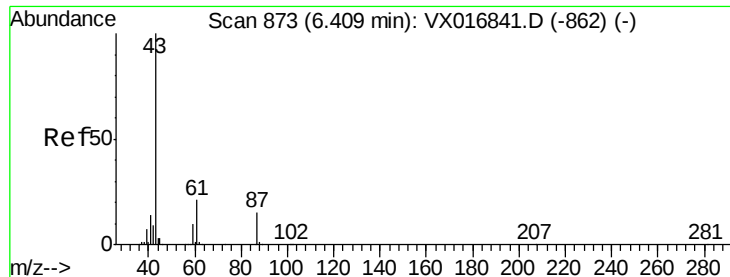
#42
1,2-Dichloroethane
Concen: 19.470 ug/l
RT: 6.16 min Scan# 832
Delta R.T. 0.00 min
Lab File: VX016924.D
Acq: 22 Jun 2020 16:56

Tgt Ion:	62	Resp:	103302
Ion	Ratio	Lower	Upper
62	100		
98	10.8	0.0	20.8



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



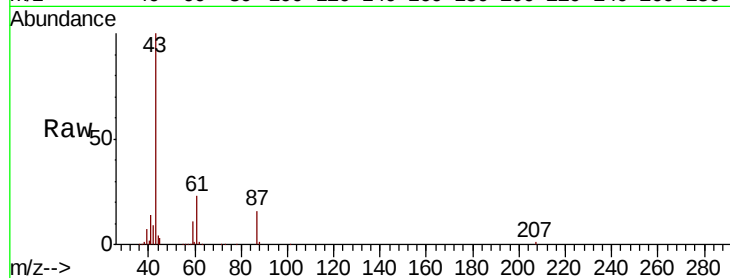


#43

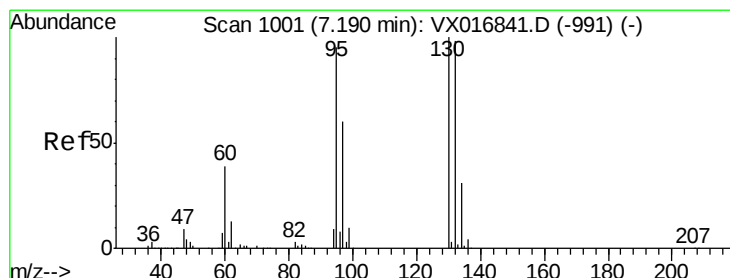
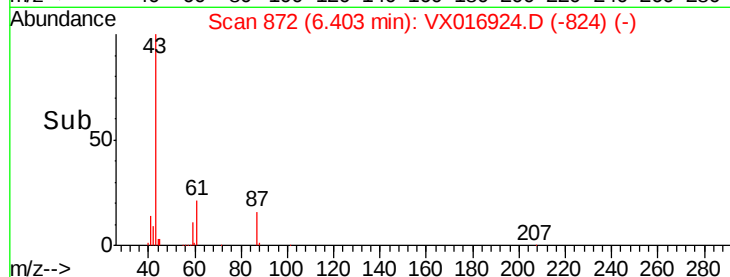
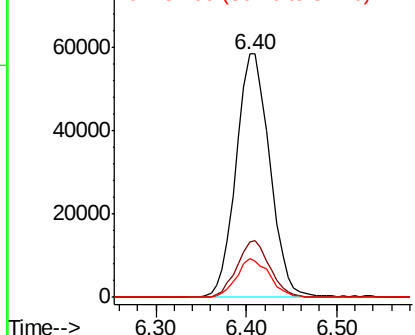
Isopropyl Acetate
 Concen: 19.549 ug/l
 RT: 6.40 min Scan# 872
 Delta R.T. -0.01 min
 Lab File: VX016924.D
 Acq: 22 Jun 2020 16:56

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0622WBS01

Tot Ion	43	Resp	149887
Ion Ratio	Lower	Upper	
43	100		
61	22.8	17.9	26.9
87	15.6	12.4	18.6



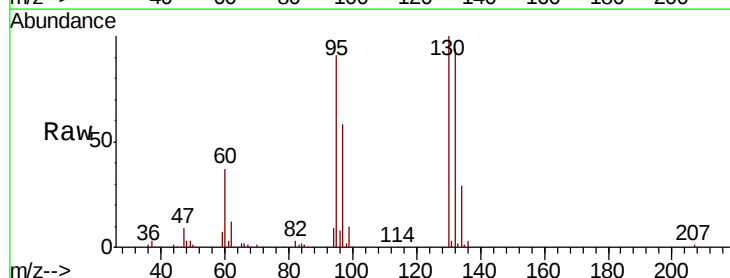
Abundance Ion 43.00 (42.70 to 43.70): VX0
 Ion 61.00 (60.70 to 61.70): VX0
 Ion 87.00 (86.70 to 87.70): VX0



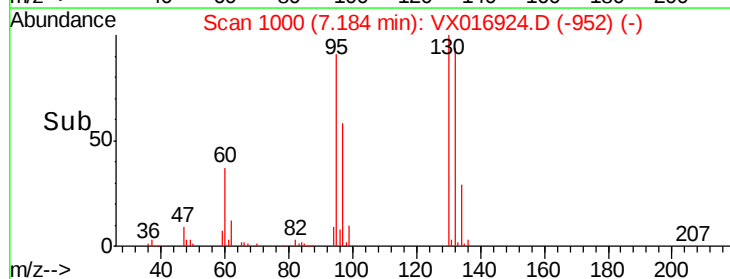
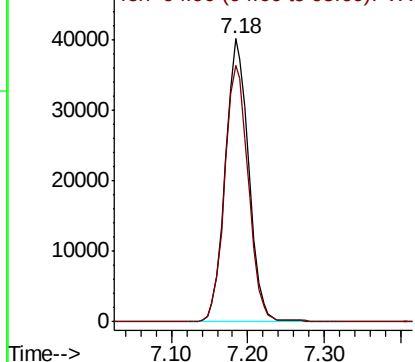
#44

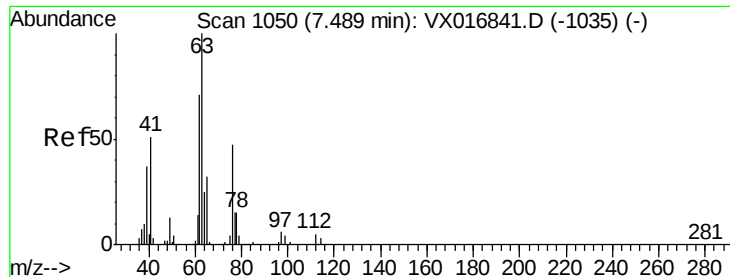
Trichloroethene
 Concen: 18.564 ug/l
 RT: 7.18 min Scan# 1000
 Delta R.T. -0.01 min
 Lab File: VX016924.D
 Acq: 22 Jun 2020 16:56

Tgt Ion	130	Resp	84771
Ion Ratio	Lower	Upper	
130	100		
95	90.6	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: 19.752 ug/l

RT: 7.49 min Scan# 1050

Delta R.T. 0.00 min

Lab File: VX016924.D

Acq: 22 Jun 2020 16:56

Instrument :

MSVOA_X

ClientSampleId :

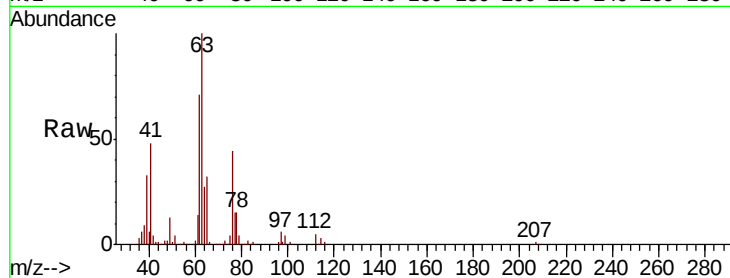
VX0622WBS01

Tot Ion: 63 Resp: 74036

Ion Ratio Lower Upper

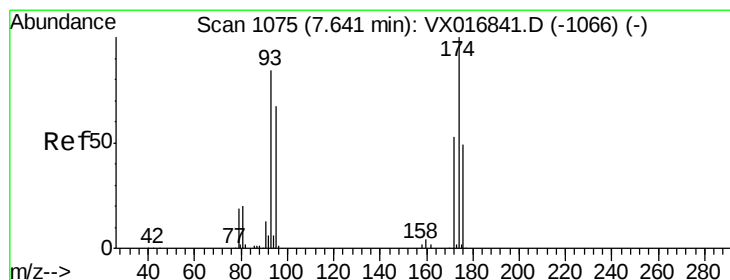
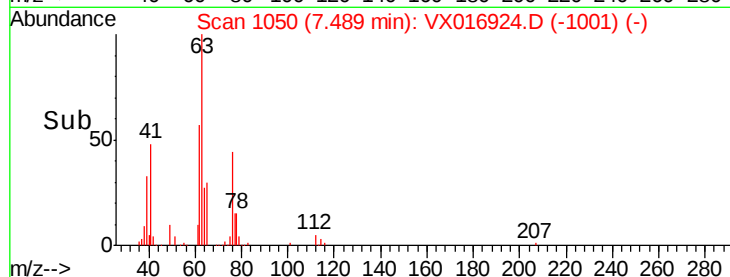
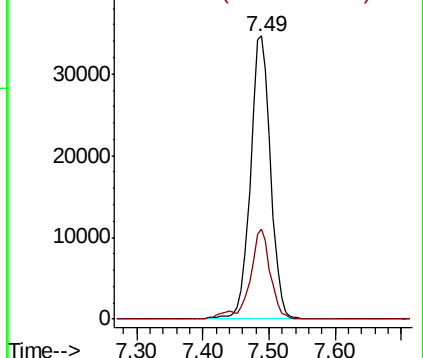
63 100

65 31.6 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: 18.922 ug/l

RT: 7.63 min Scan# 1074

Delta R.T. -0.01 min

Lab File: VX016924.D

Acq: 22 Jun 2020 16:56

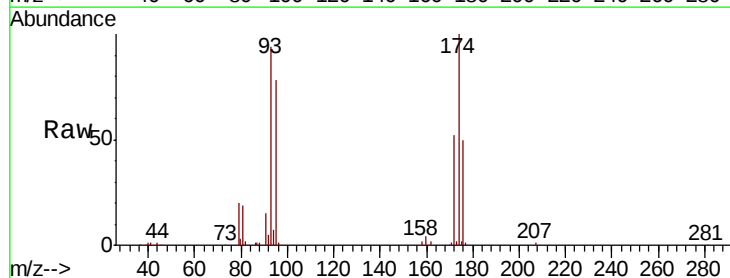
Tgt Ion: 93 Resp: 48098

Ion Ratio Lower Upper

93 100

95 84.9 65.7 98.5

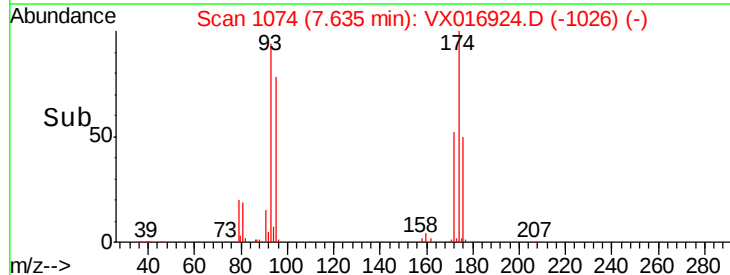
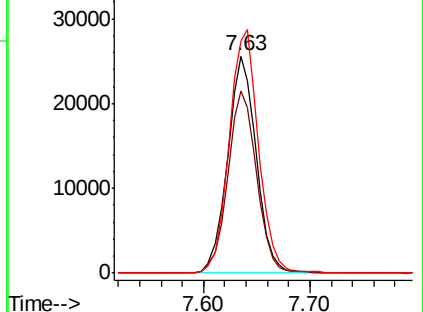
174 115.2 92.8 139.2

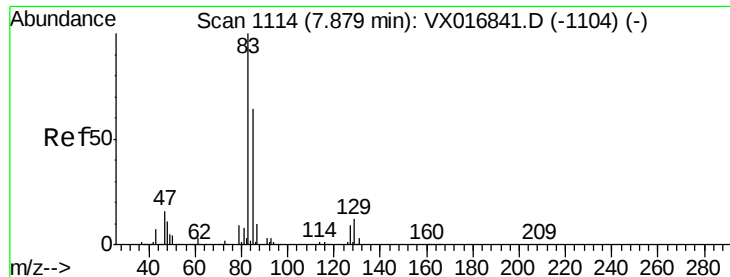


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 18.807 ug/l

RT: 7.87 min Scan# 1113

Delta R.T. -0.01 min

Lab File: VX016924.D

Acq: 22 Jun 2020 16:56

Instrument :

MSVOA_X

ClientSampleId :

VX0622WBS01

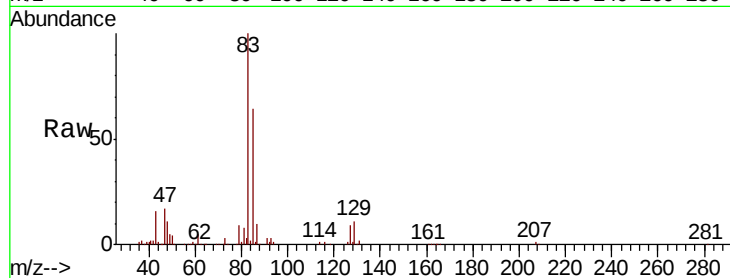
Tot Ion: 83 Resp: 101677

Ion Ratio Lower Upper

83 100

85 64.2 50.9 76.3

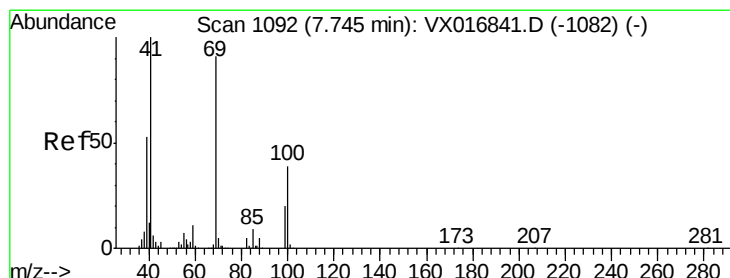
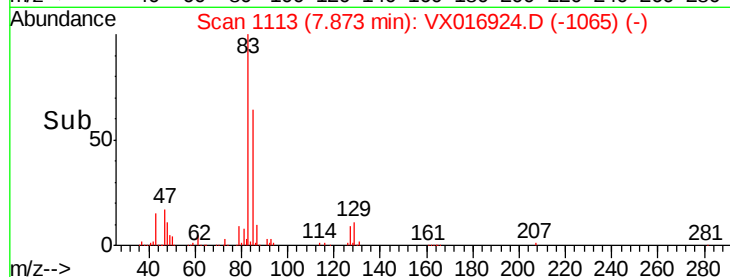
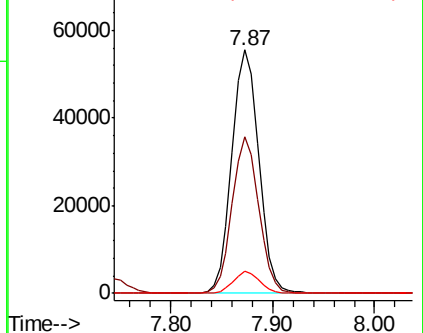
127 9.3 7.4 11.0



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: 19.899 ug/l

RT: 7.74 min Scan# 1092

Delta R.T. 0.00 min

Lab File: VX016924.D

Acq: 22 Jun 2020 16:56

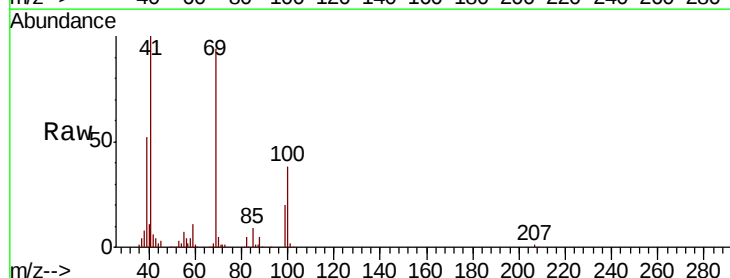
Tgt Ion: 41 Resp: 71843

Ion Ratio Lower Upper

41 100

69 91.3 73.3 109.9

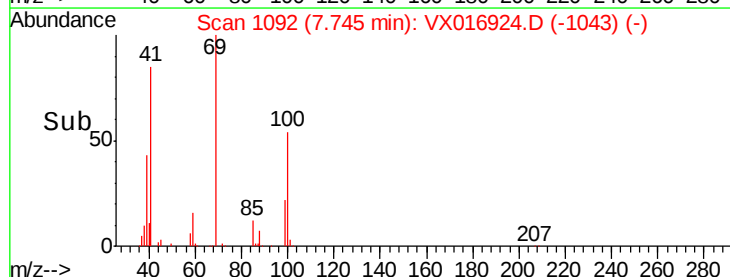
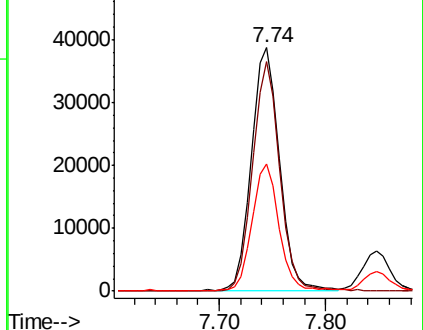
39 49.5 42.4 63.6

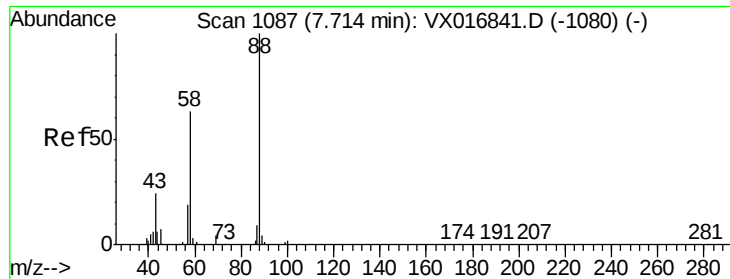


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

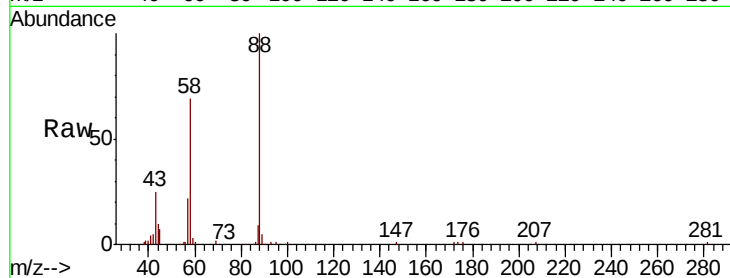




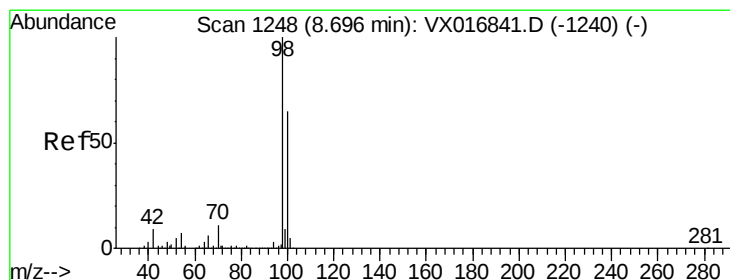
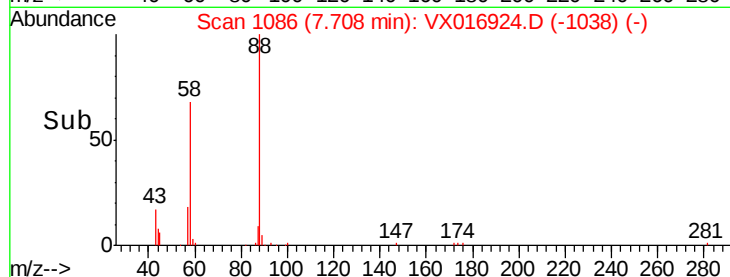
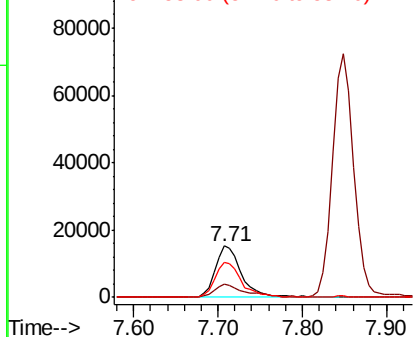
#49
1,4-Dioxane
Concen: 406.132 ug/l
RT: 7.71 min Scan# 1086
Delta R.T. -0.01 min
Lab File: VX016924.D
Acq: 22 Jun 2020 16:56

Instrument :
MSVOA_X
ClientSampleId :
VX0622WBS01

Tot Ion: 88 Resp: 32823
Ion Ratio Lower Upper
88 100
43 26.5 22.7 34.1
58 70.5 53.1 79.7

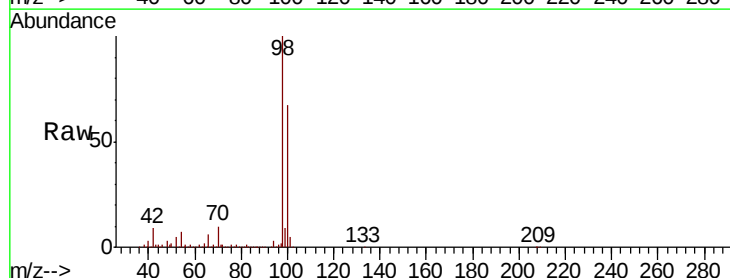


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

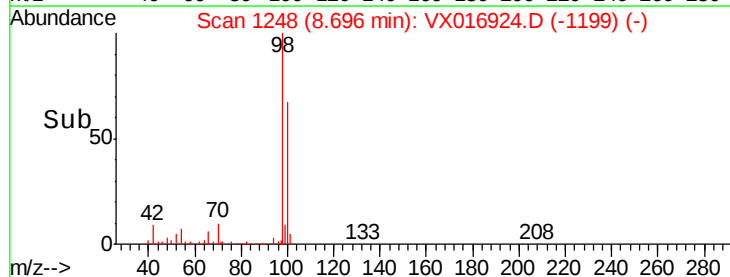
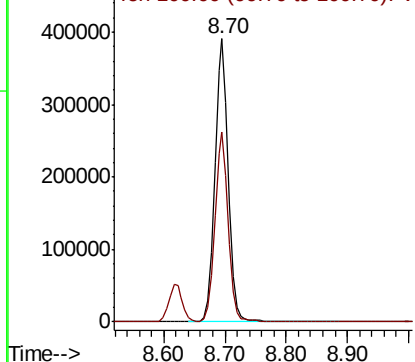


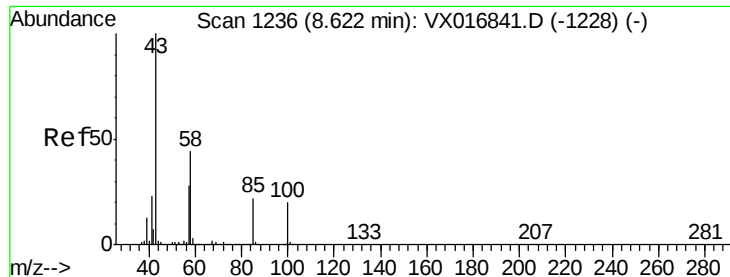
#50
Toluene-d8
Concen: 44.408 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. 0.00 min
Lab File: VX016924.D
Acq: 22 Jun 2020 16:56

Tgt Ion: 98 Resp: 611669
Ion Ratio Lower Upper
98 100
100 66.8 54.0 81.0



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

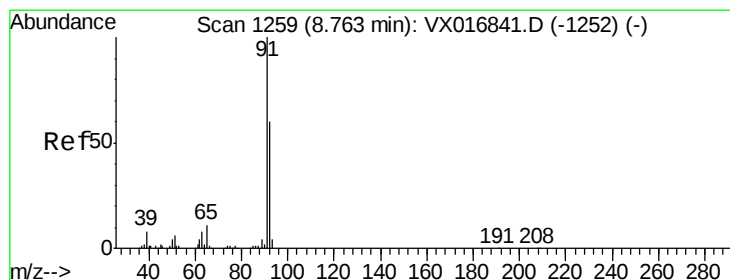
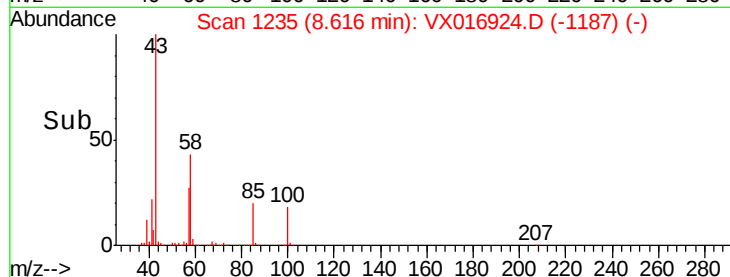
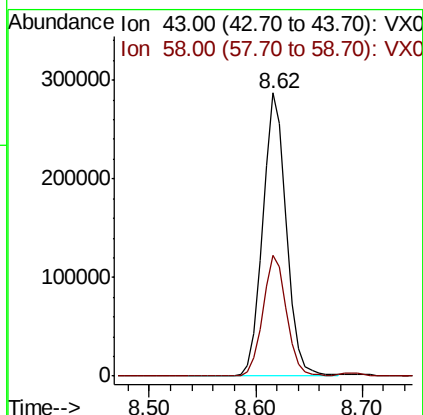
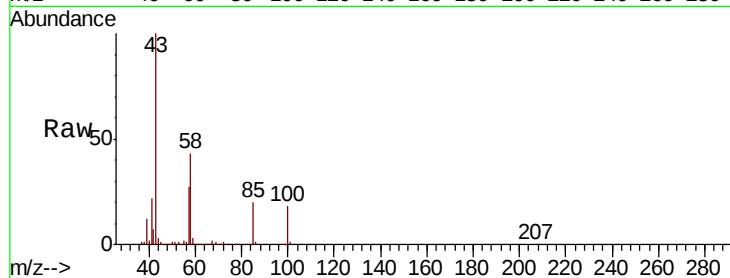




#51
 4-Methyl-2-Pentanone
 Concen: 96.395 ug/l
 RT: 8.62 min Scan# 1235
 Delta R.T. -0.01 min
 Lab File: VX016924.D
 Acq: 22 Jun 2020 16:56

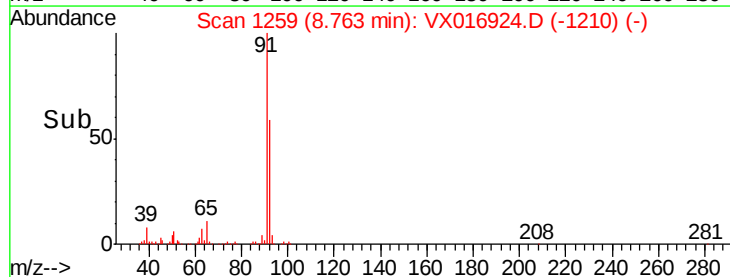
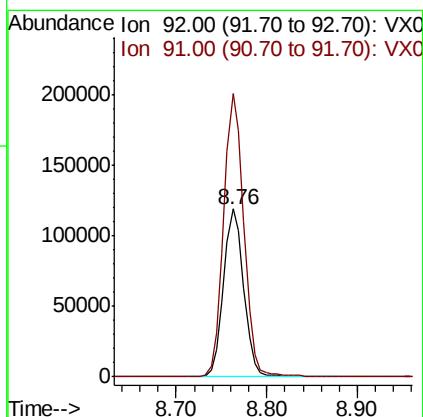
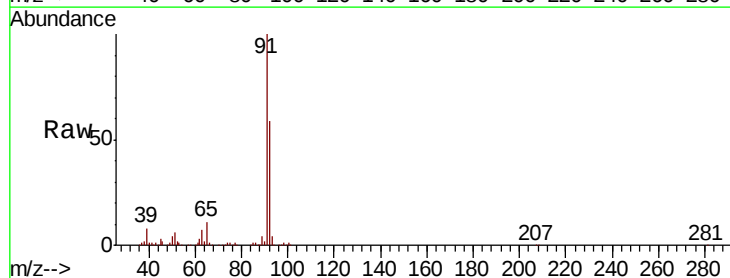
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0622WBS01

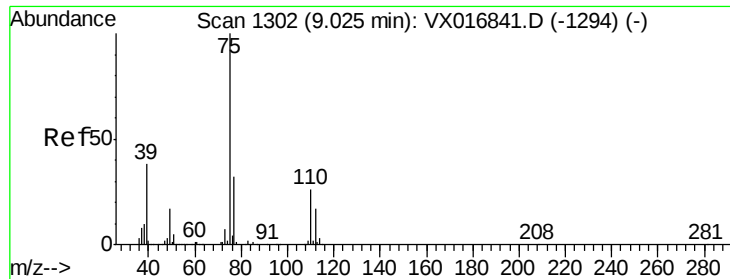
Tot Ion: 43 Resp: 444522
 Ion Ratio Lower Upper
 43 100
 58 42.8 34.3 51.5



#52
 Toluene
 Concen: 18.751 ug/l
 RT: 8.76 min Scan# 1259
 Delta R.T. 0.00 min
 Lab File: VX016924.D
 Acq: 22 Jun 2020 16:56

Tgt Ion: 92 Resp: 185469
 Ion Ratio Lower Upper
 92 100
 91 168.4 134.2 201.2





#53

t-1,3-Dichloropropene

Concen: 19.396 ug/l

RT: 9.02 min Scan# 1301

Delta R.T. -0.01 min

Lab File: VX016924.D

Acq: 22 Jun 2020 16:56

Instrument :

MSVOA_X

ClientSampleId :

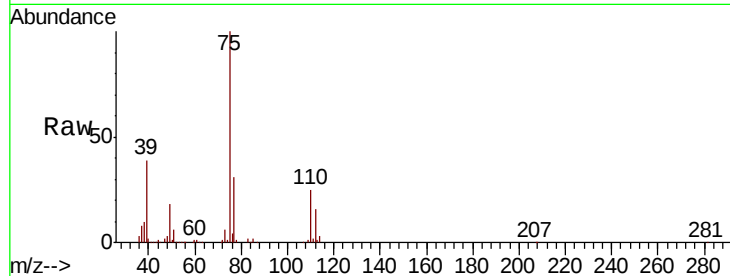
VX0622WBS01

Tot Ion: 75 Resp: 115276

Ion Ratio Lower Upper

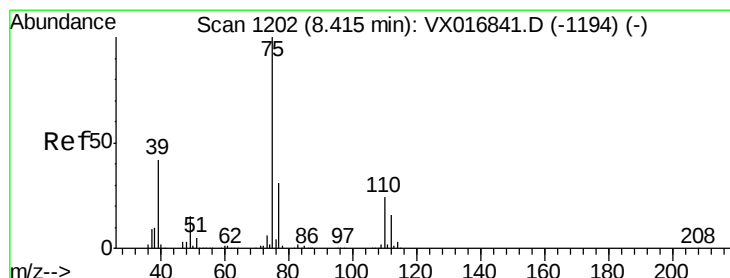
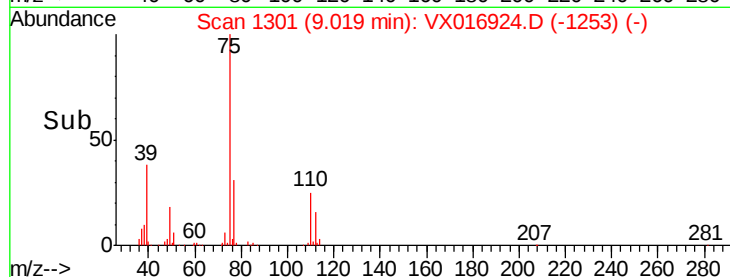
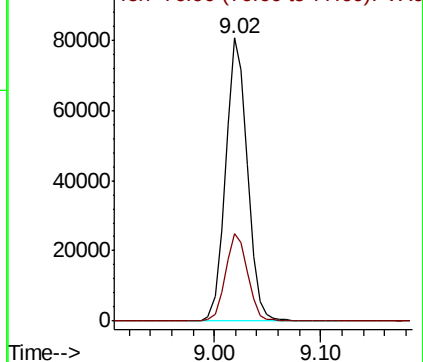
75 100

77 31.0 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: 19.394 ug/l

RT: 8.42 min Scan# 1202

Delta R.T. 0.00 min

Lab File: VX016924.D

Acq: 22 Jun 2020 16:56

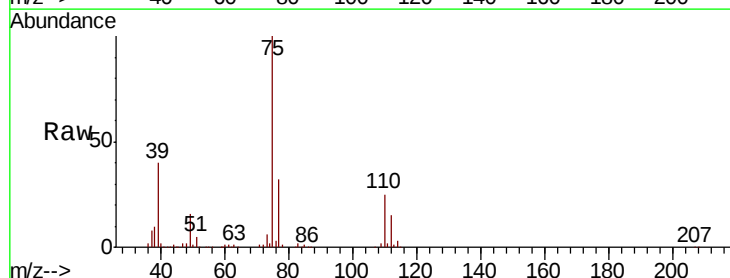
Tgt Ion: 75 Resp: 123311

Ion Ratio Lower Upper

75 100

77 31.9 24.9 37.3

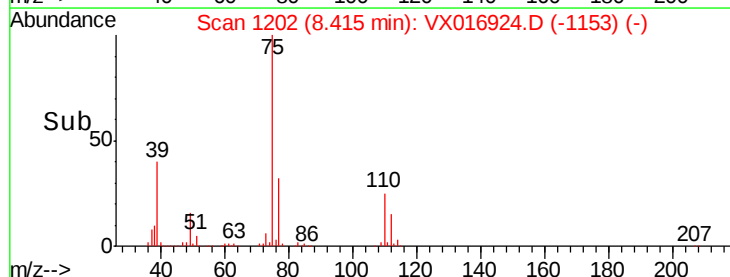
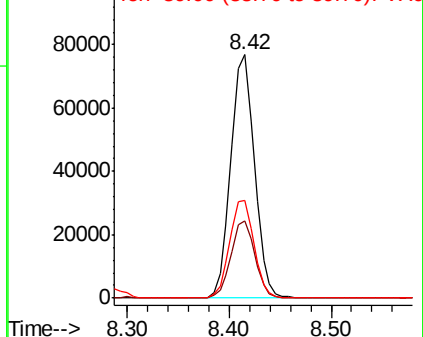
39 40.2 33.4 50.0

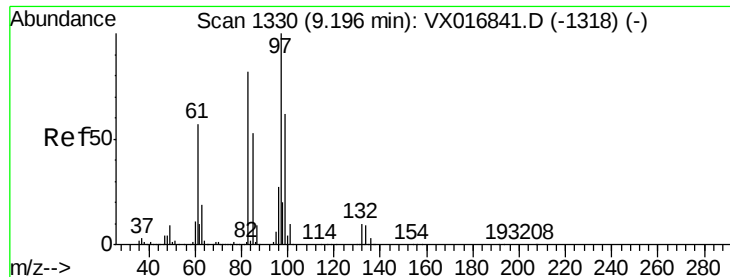


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

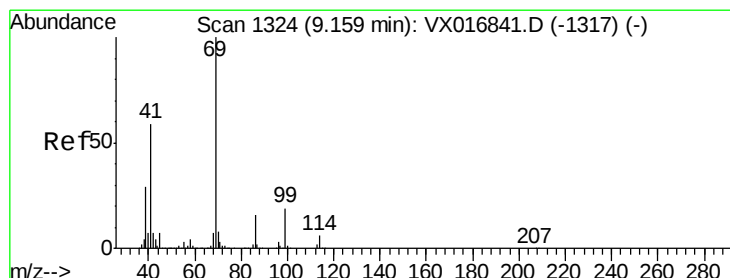
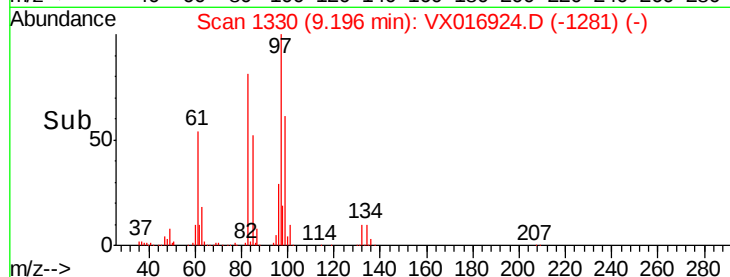
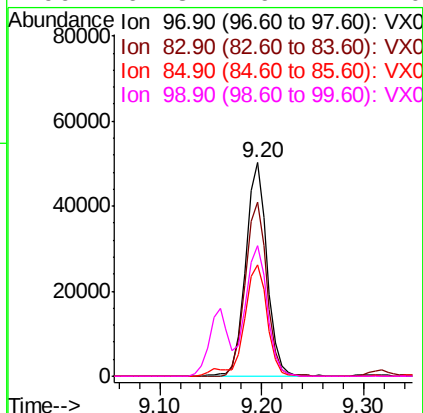
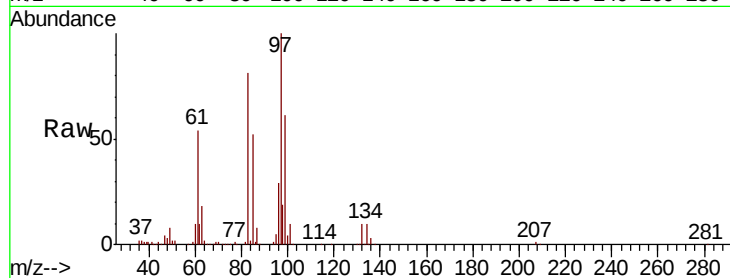




#55
 1,1,2-Trichloroethane
 Concen: 19.604 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. 0.00 min
 Lab File: VX016924.D
 Acq: 22 Jun 2020 16:56

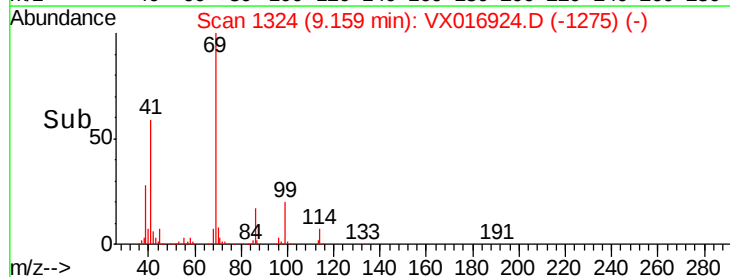
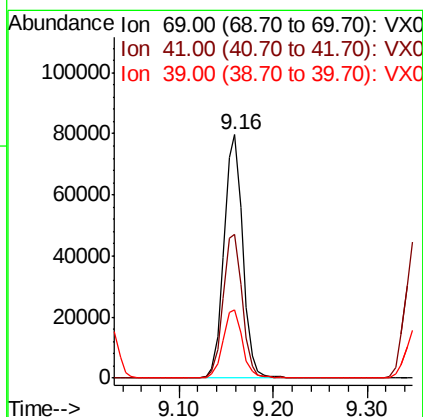
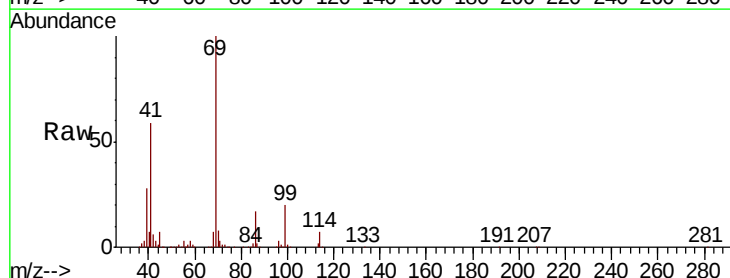
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0622WBS01

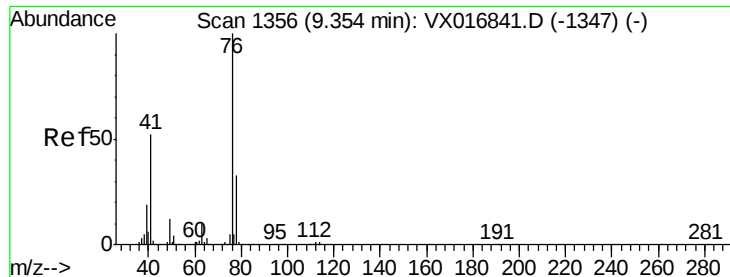
Tot Ion:	97	Resp:	73214
Ion	Ratio	Lower	Upper
97	100		
83	81.5	65.5	98.3
85	51.9	42.6	63.8
99	61.3	49.4	74.0



#56
 Ethyl methacrylate
 Concen: 20.343 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. 0.00 min
 Lab File: VX016924.D
 Acq: 22 Jun 2020 16:56

Tgt Ion:	69	Resp:	109982
Ion	Ratio	Lower	Upper
69	100		
41	60.2	47.9	71.9
39	28.6	24.2	36.4





#57

1,3-Dichloropropane

Concen: 19.499 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. 0.00 min

Lab File: VX016924.D

Acq: 22 Jun 2020 16:56

Instrument :

MSVOA_X

ClientSampleId :

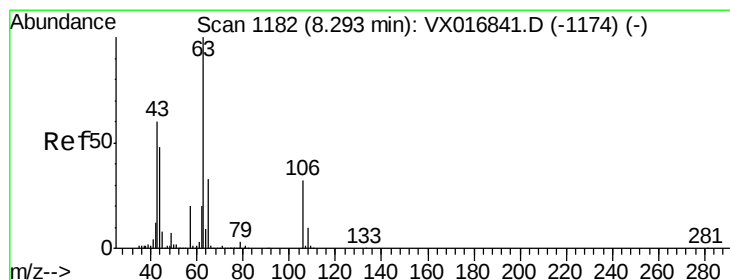
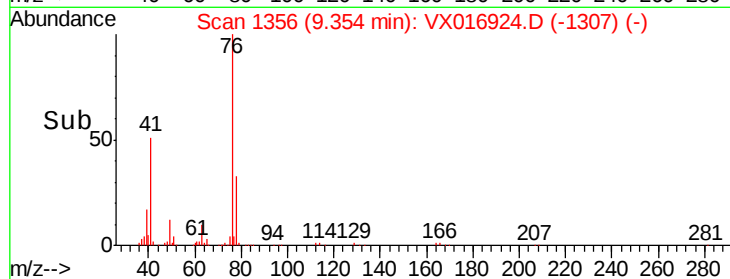
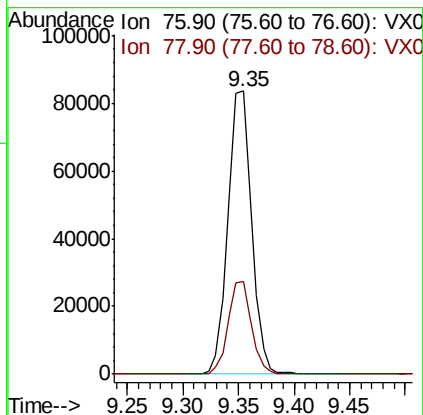
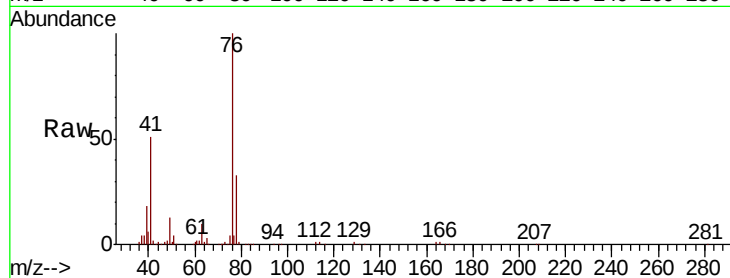
VX0622WBS01

Tot Ion: 76 Resp: 123448

Ion Ratio Lower Upper

76 100

78 32.1 25.8 38.6



#58

2-Chloroethyl Vinyl ether

Concen: 98.423 ug/l

RT: 8.29 min Scan# 1181

Delta R.T. -0.01 min

Lab File: VX016924.D

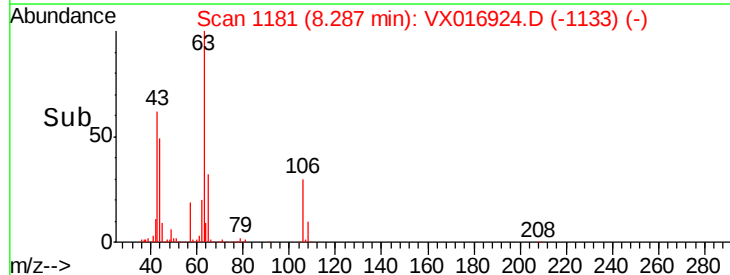
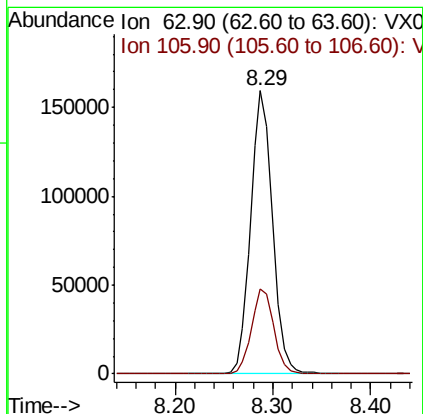
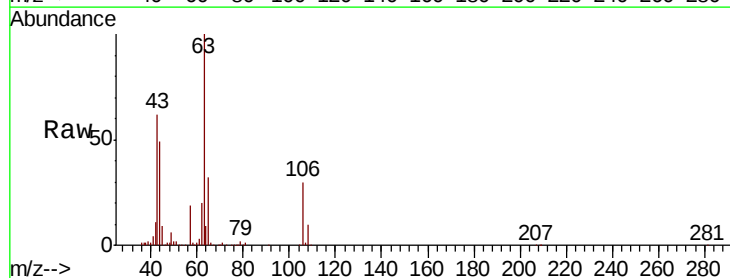
Acq: 22 Jun 2020 16:56

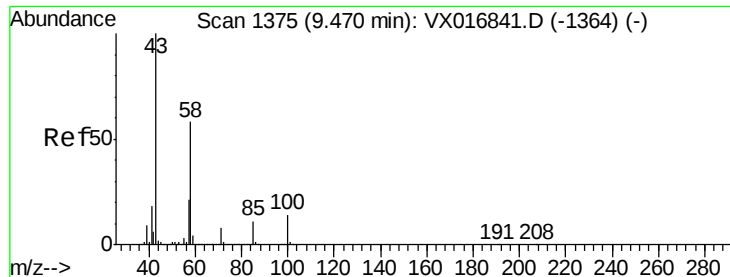
Tgt Ion: 63 Resp: 247595

Ion Ratio Lower Upper

63 100

106 30.6 25.8 38.6

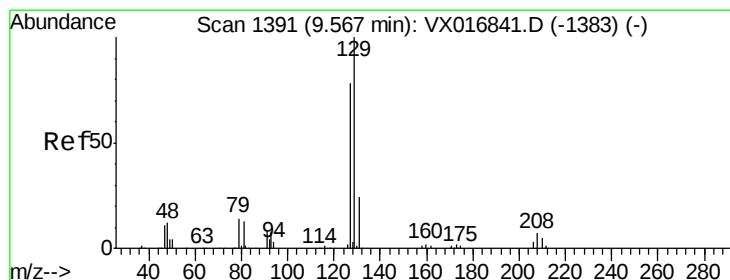
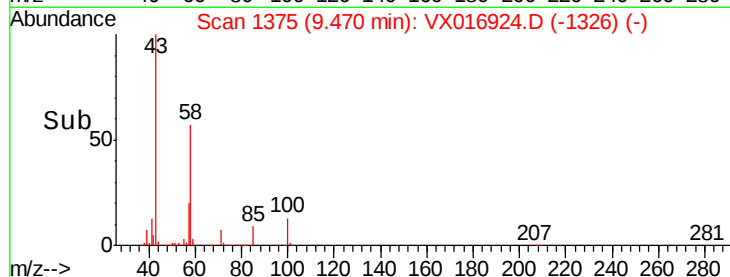
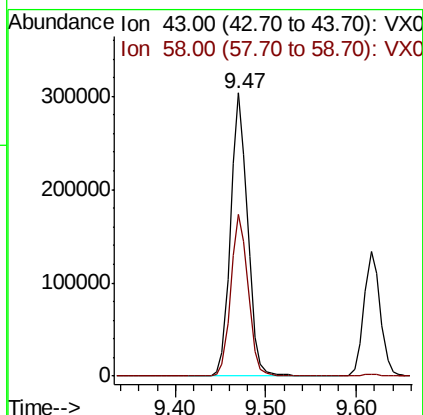
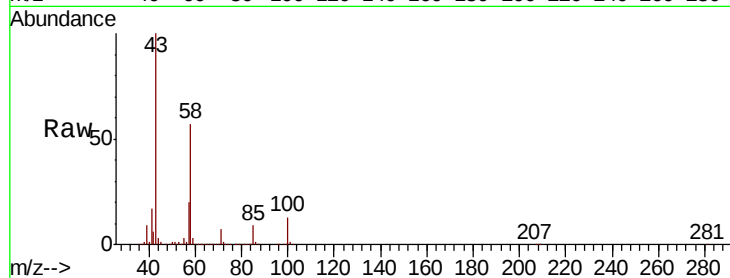




#59
2-Hexanone
Concen: 120.813 ug/l
RT: 9.47 min Scan# 1375
Delta R.T. 0.00 min
Lab File: VX016924.D
Acq: 22 Jun 2020 16:56

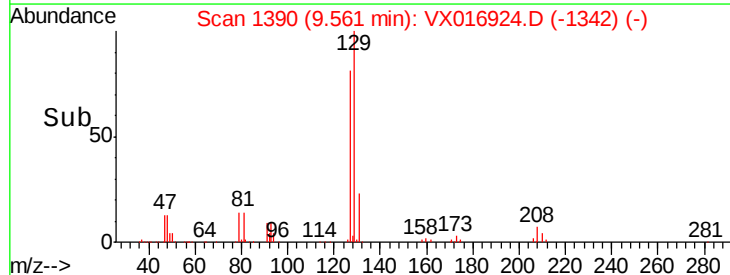
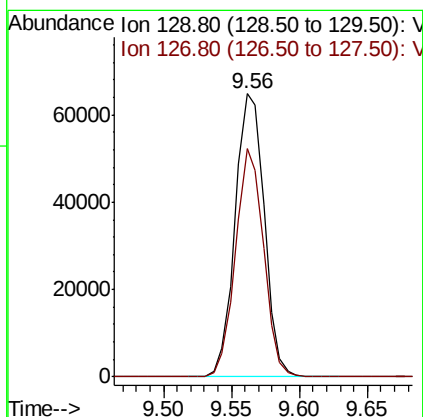
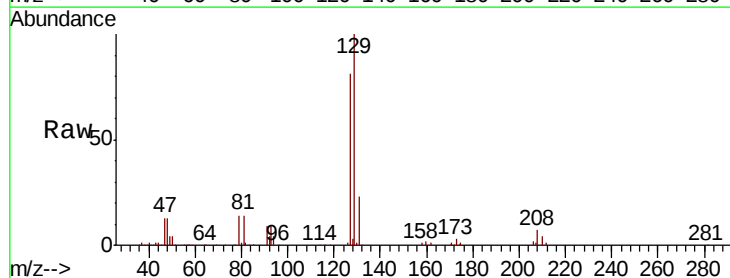
Instrument :
MSVOA_X
ClientSampleId :
VX0622WBS01

Tot Ion: 43 Resp: 403454
Ion Ratio Lower Upper
43 100
58 58.3 29.8 89.4



#60
Dibromochloromethane
Concen: 21.639 ug/l
RT: 9.56 min Scan# 1390
Delta R.T. -0.01 min
Lab File: VX016924.D
Acq: 22 Jun 2020 16:56

Tgt Ion: 129 Resp: 96943
Ion Ratio Lower Upper
129 100
127 77.5 38.5 115.5





#61

1,2-Dibromoethane

Concen: 22.412 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. 0.00 min

Lab File: VX016924.D

Acq: 22 Jun 2020 16:56

Instrument :

MSVOA_X

ClientSampleId :

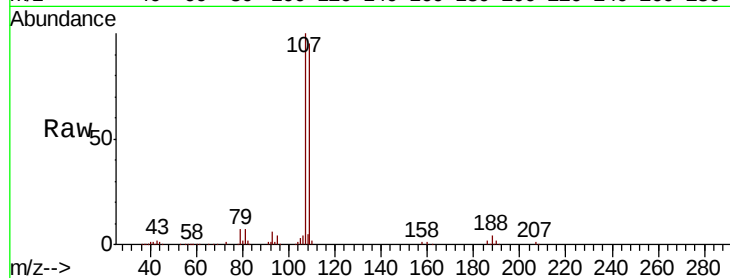
VX0622WBS01

Tot Ion:107 Resp: 90835

Ion Ratio Lower Upper

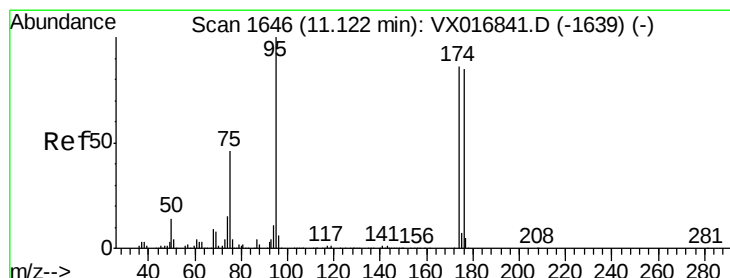
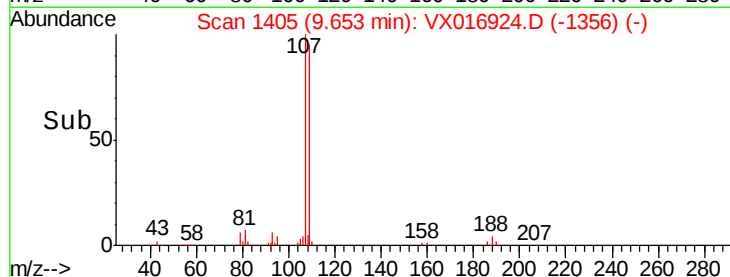
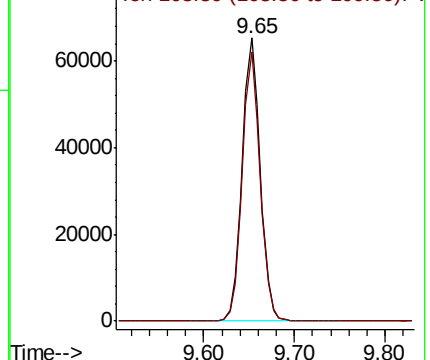
107 100

109 94.1 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: 43.853 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. 0.00 min

Lab File: VX016924.D

Acq: 22 Jun 2020 16:56

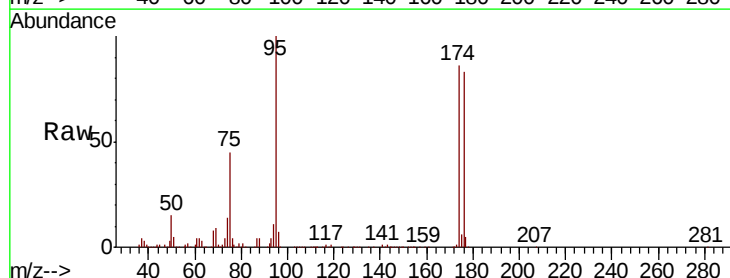
Tgt Ion: 95 Resp: 231429

Ion Ratio Lower Upper

95 100

174 84.6 0.0 174.2

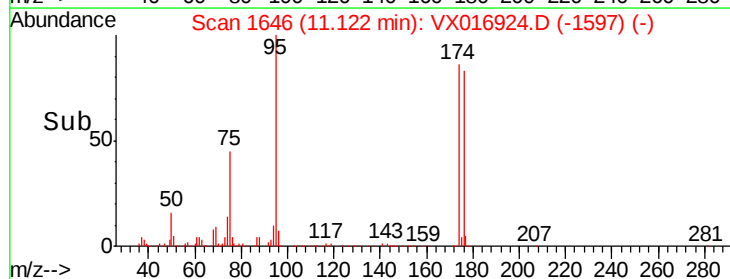
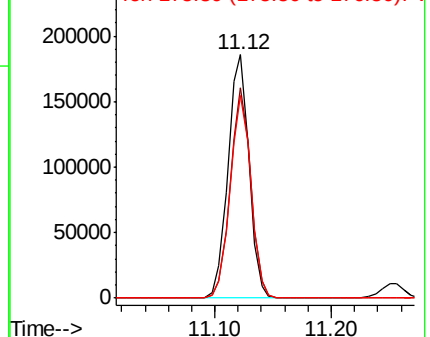
176 83.2 0.0 170.0

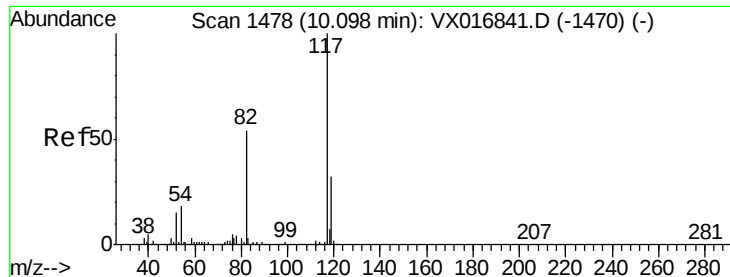


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

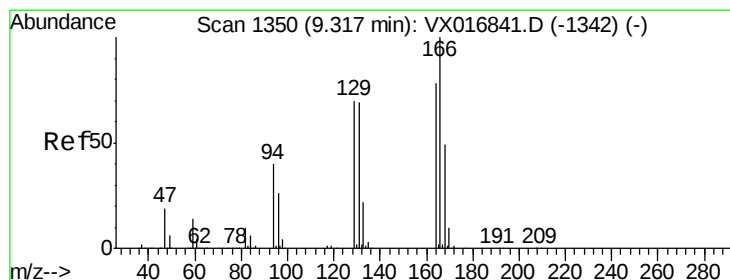
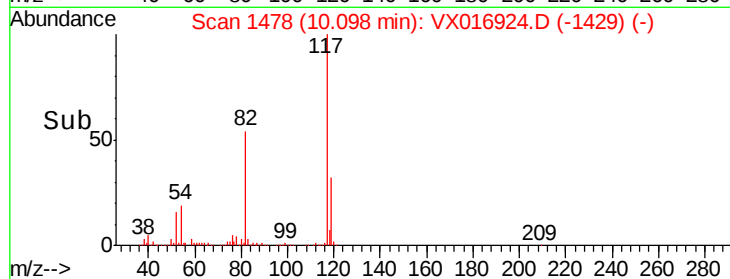
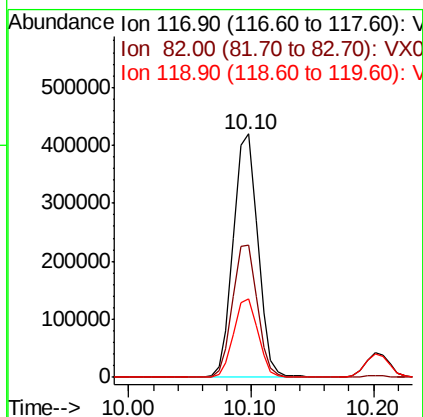
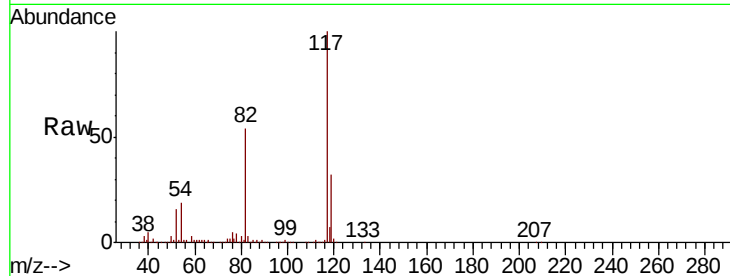




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. 0.00 min
Lab File: VX016924.D
Acq: 22 Jun 2020 16:56

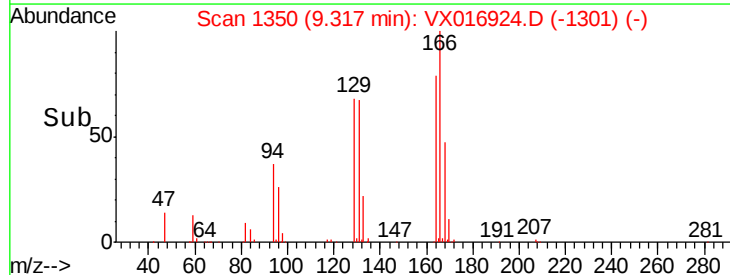
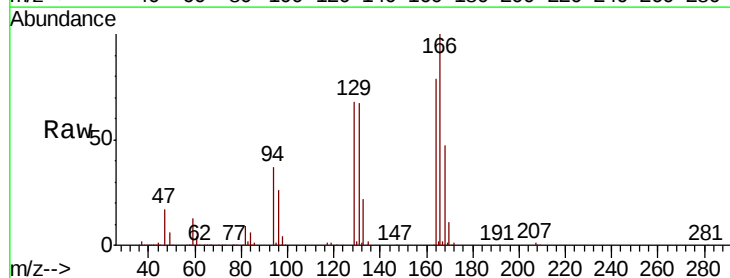
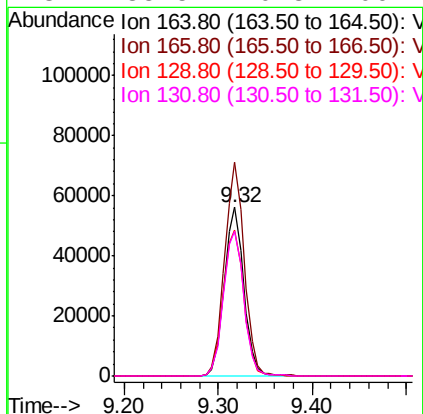
Instrument :
MSVOA_X
ClientSampled :
VX0622WBS01

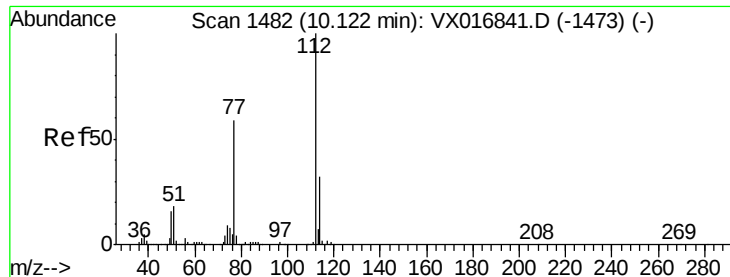
Tot Ion:117 Resp: 582301
Ion Ratio Lower Upper
117 100
82 54.3 43.4 65.0
119 32.3 25.7 38.5



#64
Tetrachloroethene
Concen: 15.042 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. 0.00 min
Lab File: VX016924.D
Acq: 22 Jun 2020 16:56

Tgt Ion:164 Resp: 81108
Ion Ratio Lower Upper
164 100
166 126.6 102.6 153.8
129 86.7 72.2 108.2
131 85.5 70.8 106.2





#65

Chlorobenzene

Concen: 19.441 ug/l

RT: 10.12 min Scan# 1482

Delta R.T. 0.00 min

Lab File: VX016924.D

Acq: 22 Jun 2020 16:56

Instrument :

MSVOA_X

ClientSampleId :

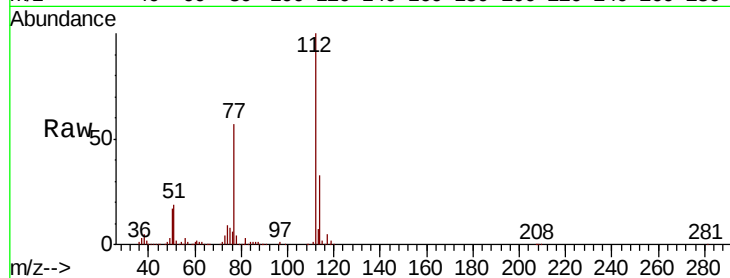
VX0622WBS01

Tot Ion:112 Resp: 229240

Ion Ratio Lower Upper

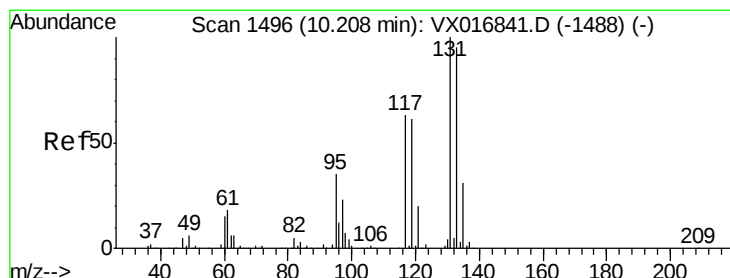
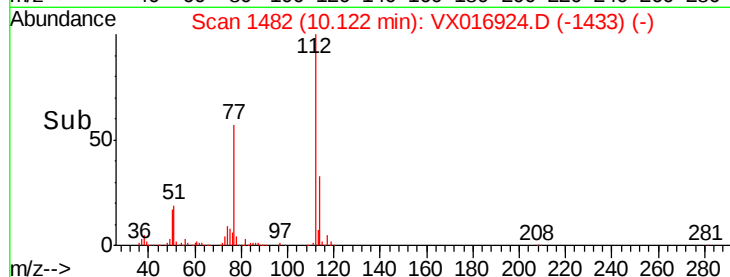
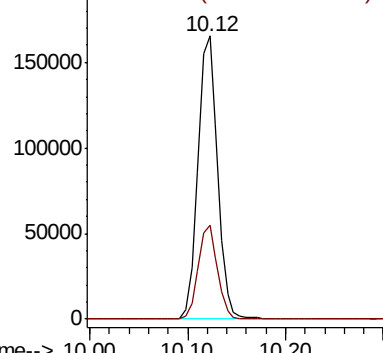
112 100

114 33.1 25.5 38.3



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 19.410 ug/l

RT: 10.20 min Scan# 1495

Delta R.T. -0.01 min

Lab File: VX016924.D

Acq: 22 Jun 2020 16:56

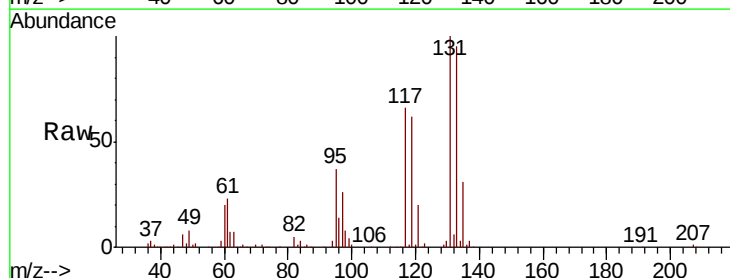
Tgt Ion:131 Resp: 88704

Ion Ratio Lower Upper

131 100

133 95.6 47.7 143.1

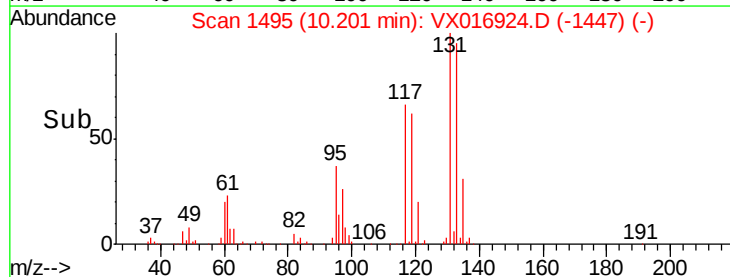
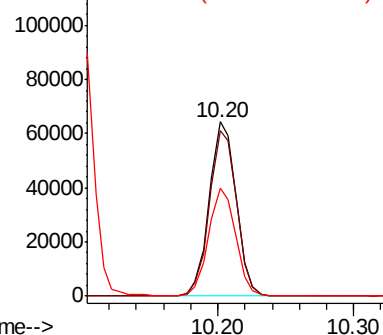
119 62.5 30.8 92.4

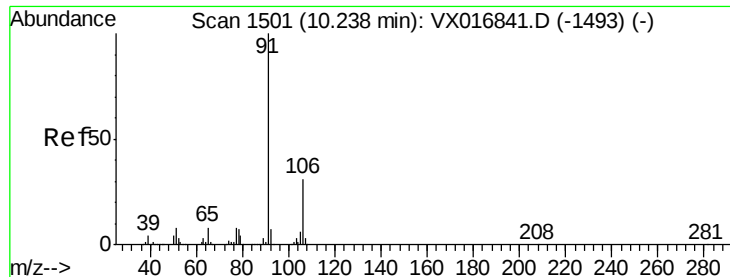


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

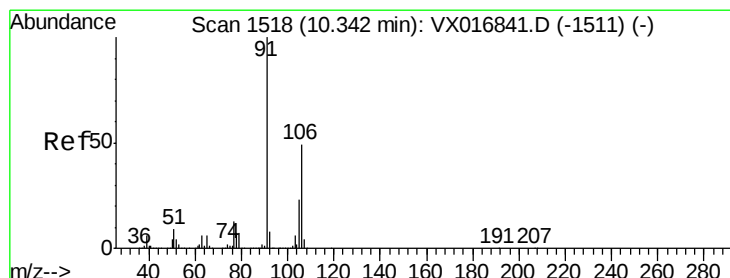
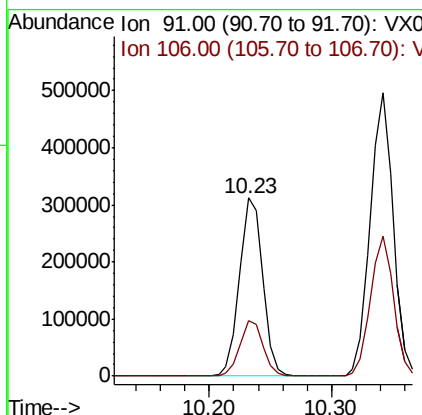
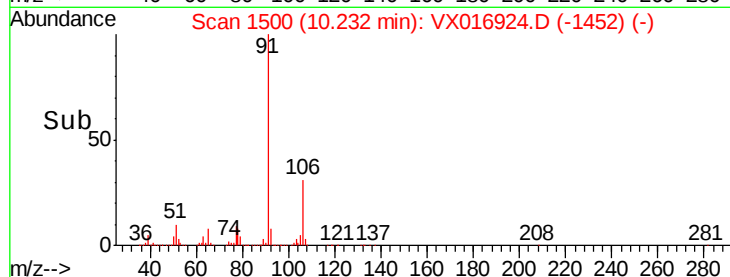
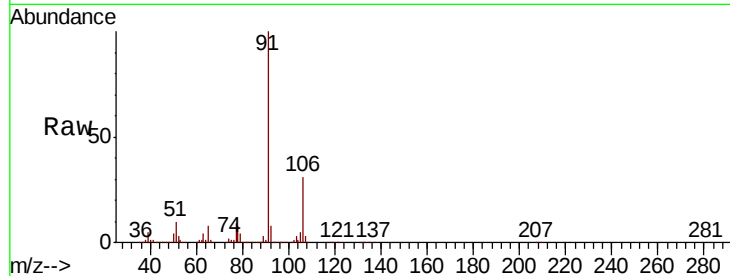




#67
Ethyl Benzene
Concen: 20.608 ug/l
RT: 10.23 min Scan# 1500
Delta R.T. -0.01 min
Lab File: VX016924.D
Acq: 22 Jun 2020 16:56

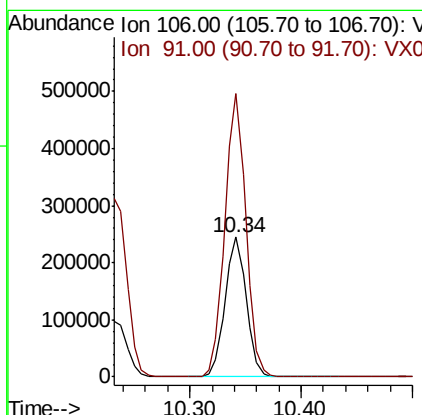
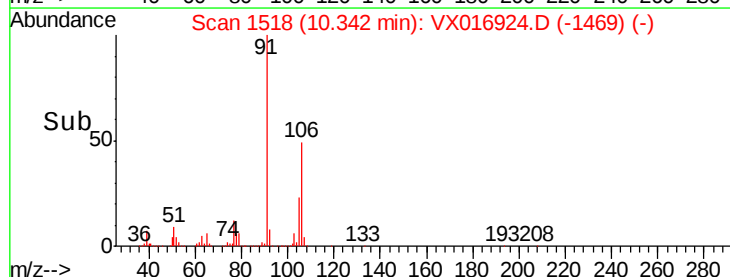
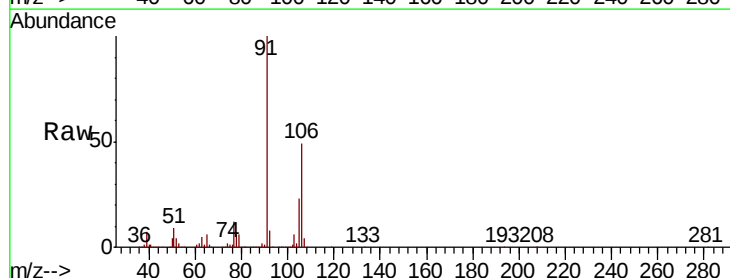
Instrument :
MSVOA_X
ClientSampled :
VX0622WBS01

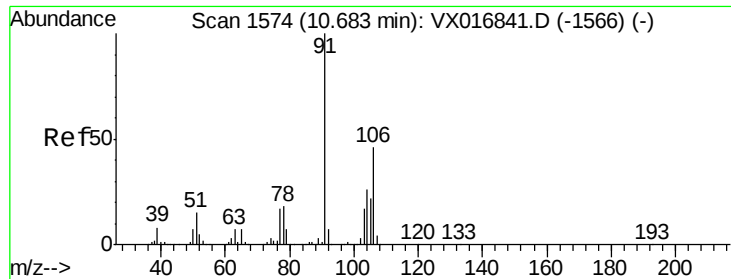
Tot Ion: 91 Resp: 410005
Ion Ratio Lower Upper
91 100
106 31.4 25.1 37.7



#68
m/p-Xylenes
Concen: 41.748 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. 0.00 min
Lab File: VX016924.D
Acq: 22 Jun 2020 16:56

Tgt Ion: 106 Resp: 323203
Ion Ratio Lower Upper
106 100
91 199.9 161.5 242.3

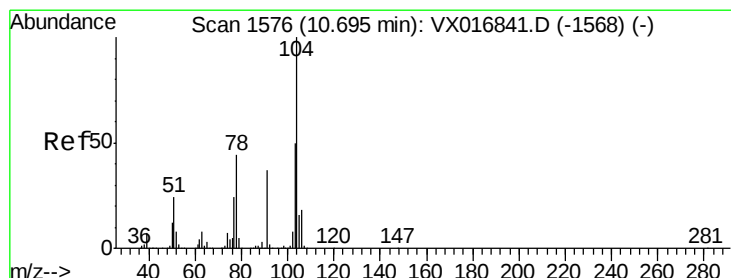
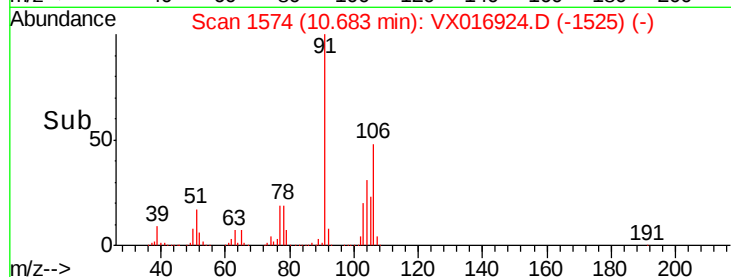
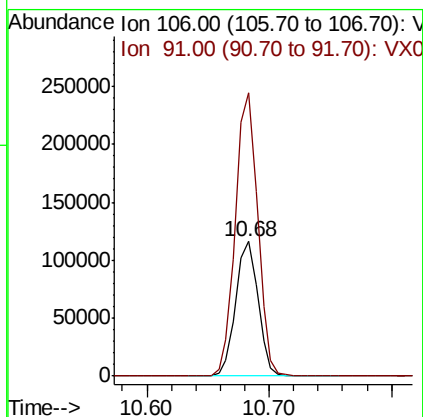
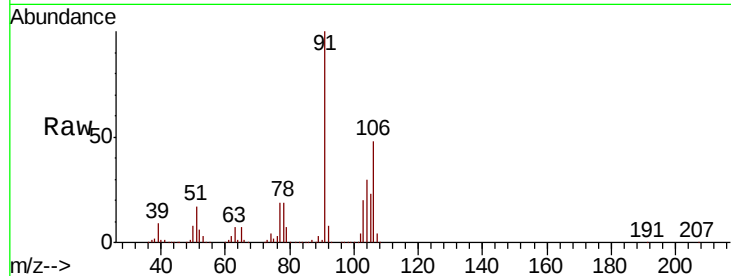




#69
o-Xylene
Concen: 20.524 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. 0.00 min
Lab File: VX016924.D
Acq: 22 Jun 2020 16:56

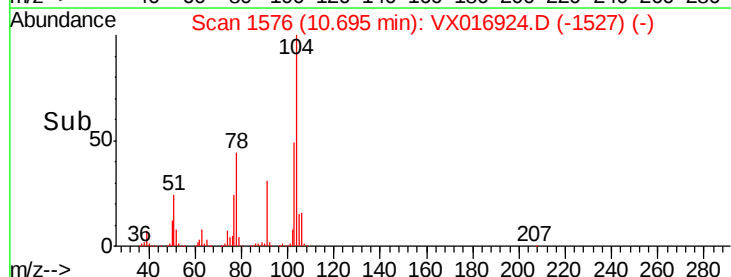
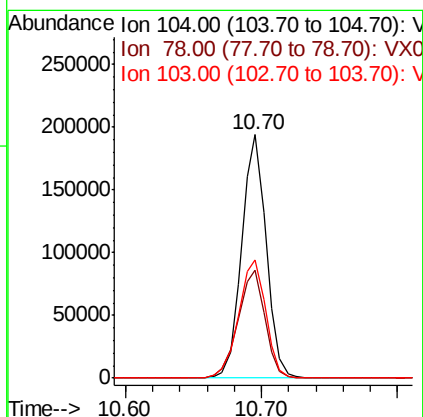
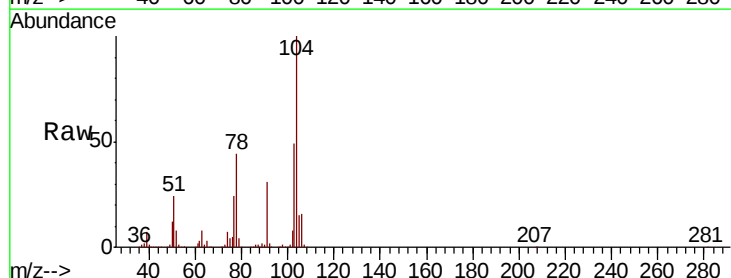
Instrument :
MSVOA_X
ClientSampled :
VX0622WBS01

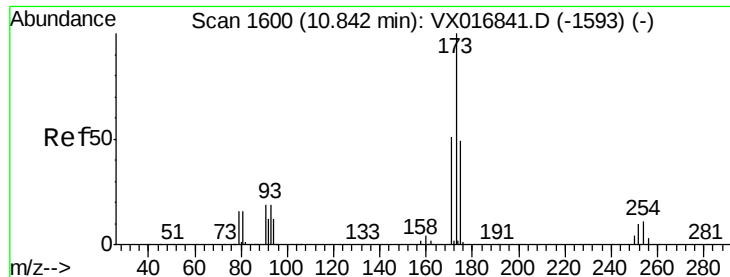
Tot Ion:106 Resp: 146918
Ion Ratio Lower Upper
106 100
91 209.7 107.9 323.7



#70
Styrene
Concen: 20.044 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. 0.00 min
Lab File: VX016924.D
Acq: 22 Jun 2020 16:56

Tgt Ion:104 Resp: 243796
Ion Ratio Lower Upper
104 100
78 48.8 39.6 59.4
103 53.9 43.3 64.9

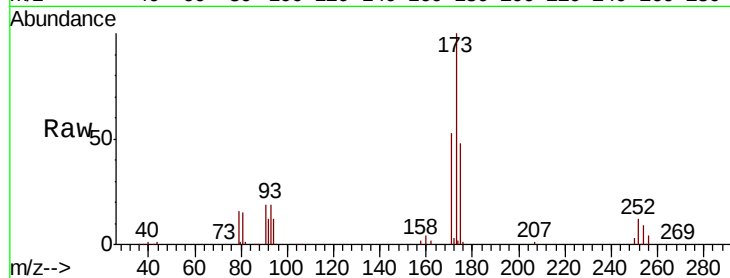




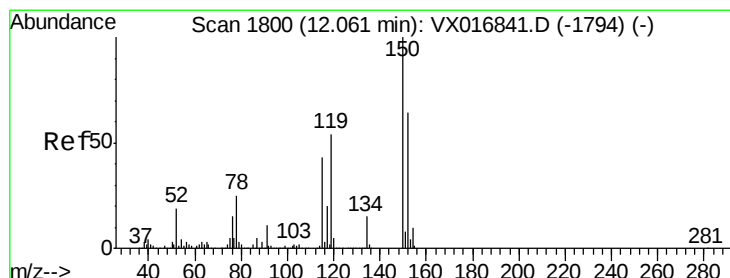
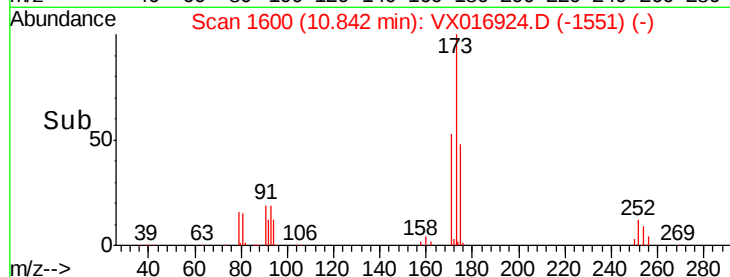
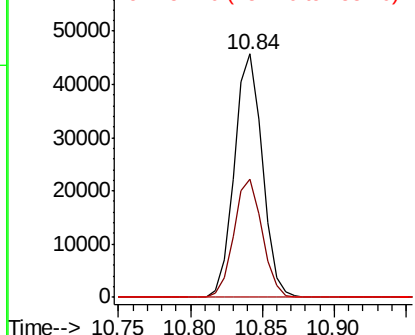
#71
Bromoform
Concen: 16.197 ug/l
RT: 10.84 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VX016924.D
Acq: 22 Jun 2020 16:56

Instrument :
MSVOA_X
ClientSampleId :
VX0622WBS01

Tot Ion:173 Resp: 62232
Ion Ratio Lower Upper
173 100
175 49.0 24.3 73.0
254 0.0 0.1 0.1#

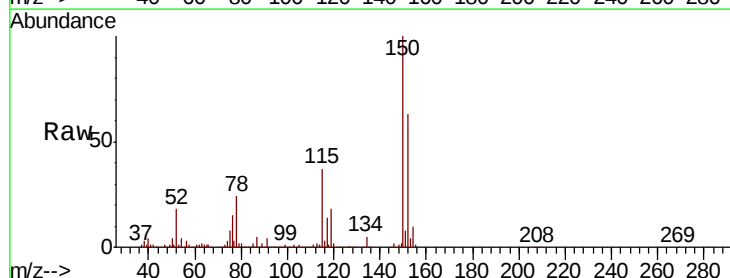


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

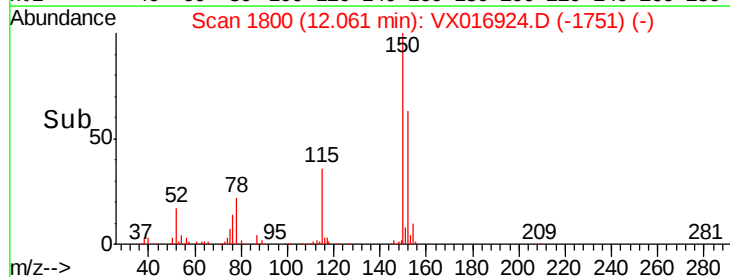
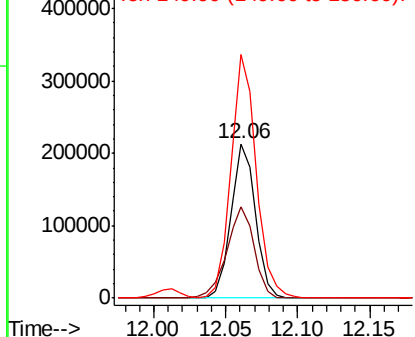


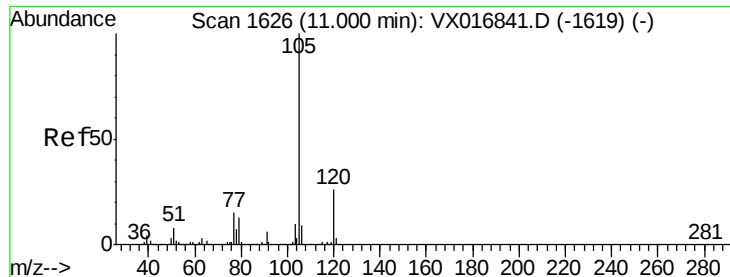
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1800
Delta R.T. 0.00 min
Lab File: VX016924.D
Acq: 22 Jun 2020 16:56

Tgt Ion:152 Resp: 253944
Ion Ratio Lower Upper
152 100
115 65.7 40.9 122.8
150 163.3 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: 21.265 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. 0.00 min

Lab File: VX016924.D

Acq: 22 Jun 2020 16:56

Instrument :

MSVOA_X

ClientSampleId :

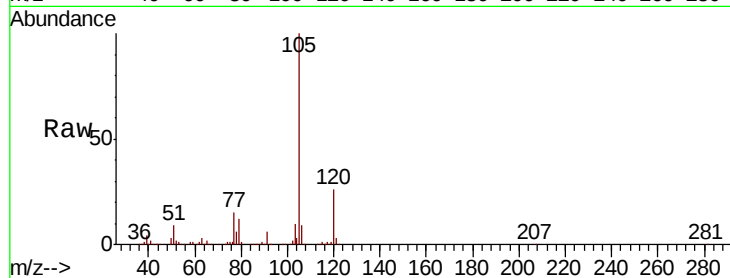
VX0622WBS01

Tot Ion:105 Resp: 347681

Ion Ratio Lower Upper

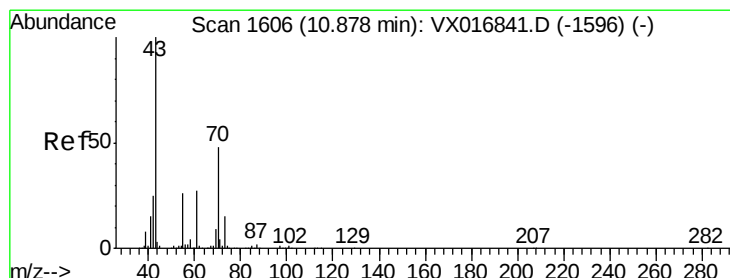
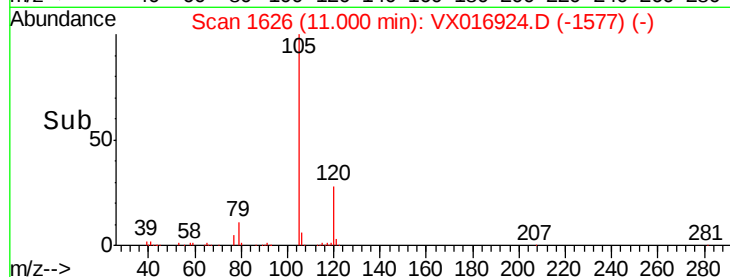
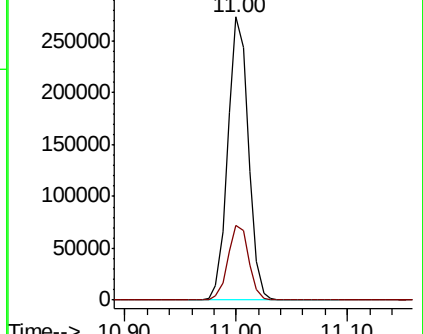
105 100

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



#74

N-ethyl acetate

Concen: 23.065 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. 0.00 min

Lab File: VX016924.D

Acq: 22 Jun 2020 16:56

Tgt Ion: 43 Resp: 131687

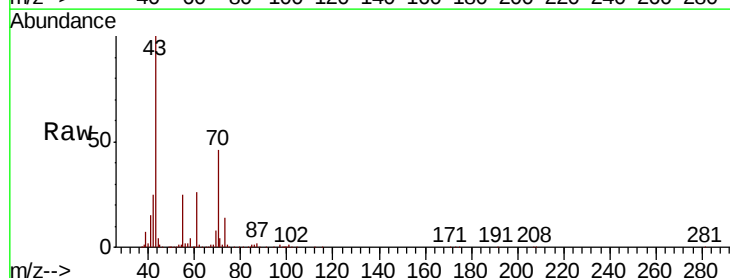
Ion Ratio Lower Upper

43 100

70 47.1 39.9 59.9

55 25.8 21.8 32.6

61 26.6 22.2 33.4

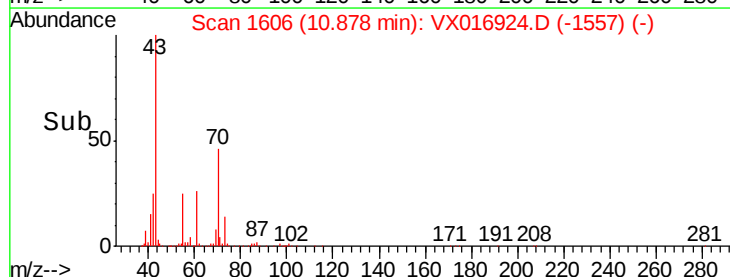
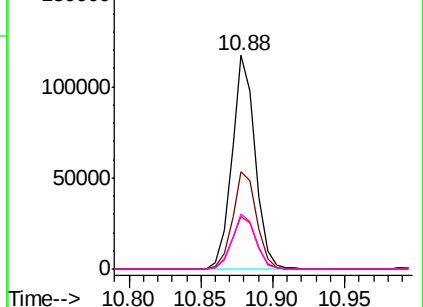


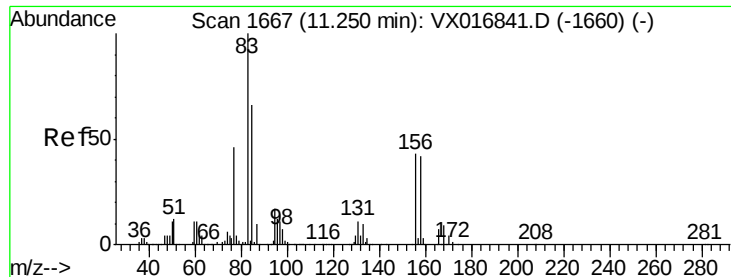
Abundance Ion 43.00 (42.70 to 43.70): VX0

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





#75

1,1,2,2-Tetrachloroethane

Concen: 21.252 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. 0.00 min

Lab File: VX016924.D

Acq: 22 Jun 2020 16:56

Instrument :

MSVOA_X

ClientSampleId :

VX0622WBS01

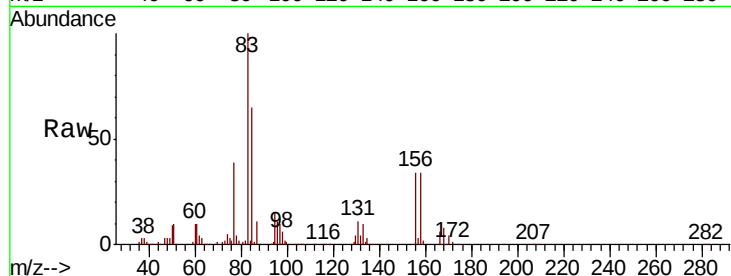
Tot Ion: 83 Resp: 98119

Ion Ratio Lower Upper

83 100

131 11.0 5.7 17.1

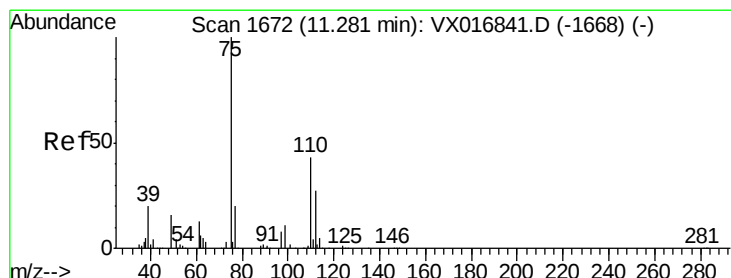
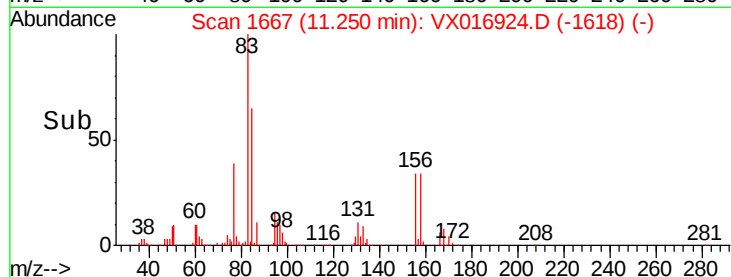
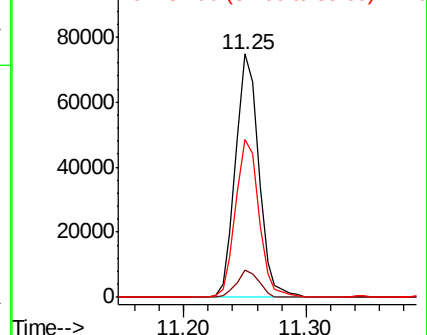
85 65.7 32.6 97.8



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: 26.651 ug/l

RT: 11.28 min Scan# 1672

Delta R.T. 0.00 min

Lab File: VX016924.D

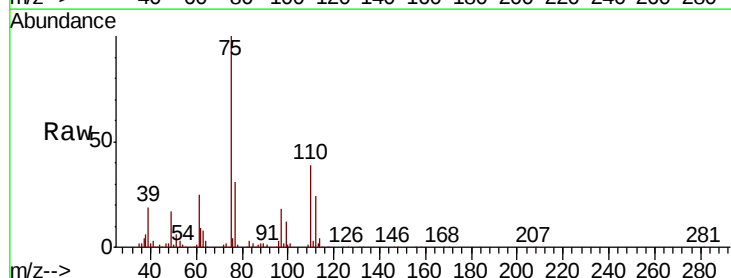
Acq: 22 Jun 2020 16:56

Tgt Ion: 75 Resp: 123605

Ion Ratio Lower Upper

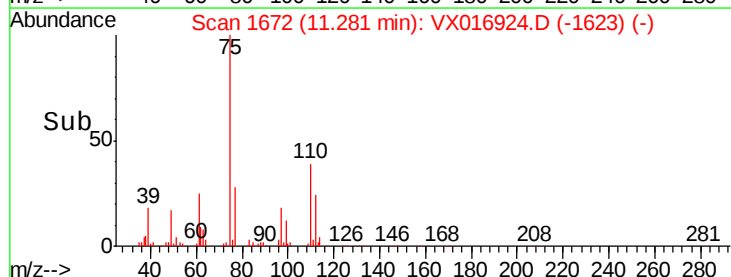
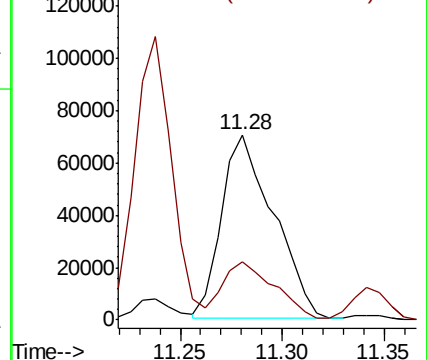
75 100

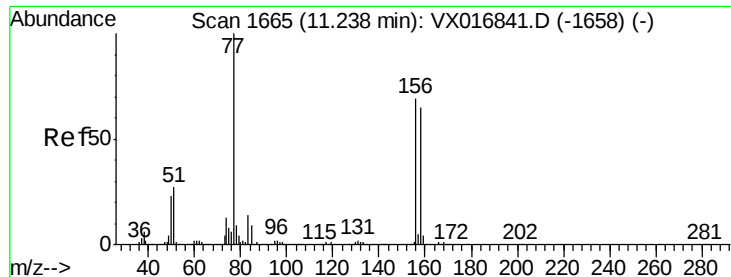
77 31.8 20.5 61.5



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 20.333 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. 0.00 min

Lab File: VX016924.D

Acq: 22 Jun 2020 16:56

Instrument :

MSVOA_X

ClientSampled :

VX0622WBS01

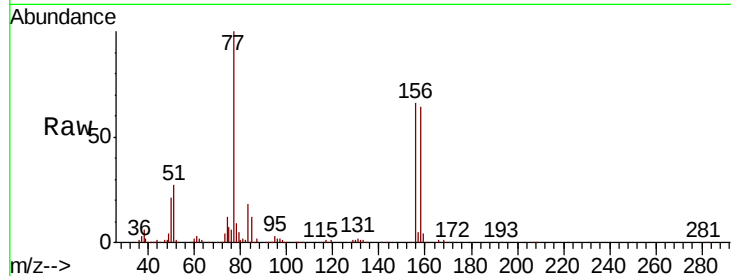
Tot Ion:156 Resp: 90667

Ion Ratio Lower Upper

156 100

77 151.4 73.4 220.2

158 97.6 48.8 146.3

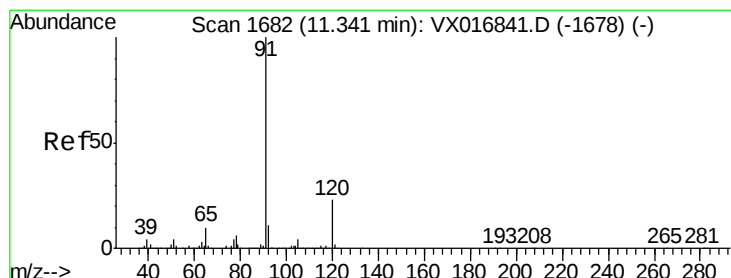
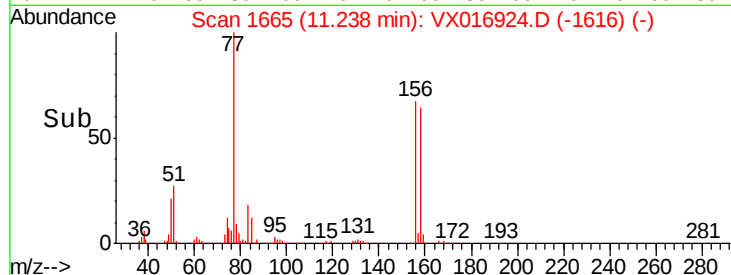
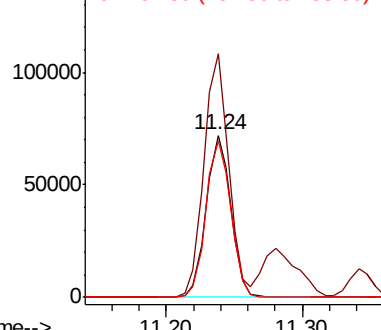


Abundance

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: 21.339 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. 0.00 min

Lab File: VX016924.D

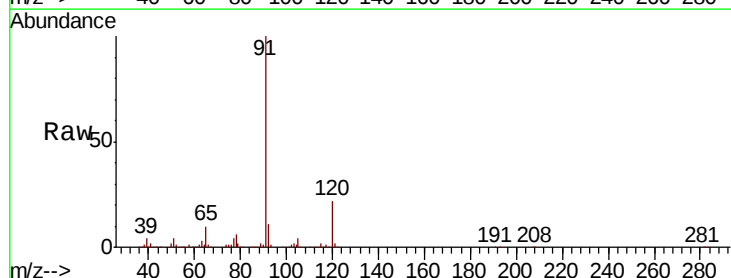
Acq: 22 Jun 2020 16:56

Tgt Ion: 91 Resp: 389374

Ion Ratio Lower Upper

91 100

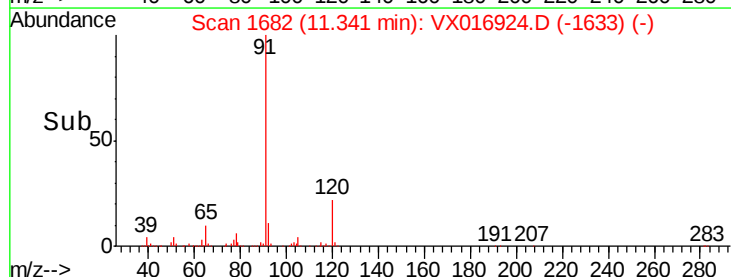
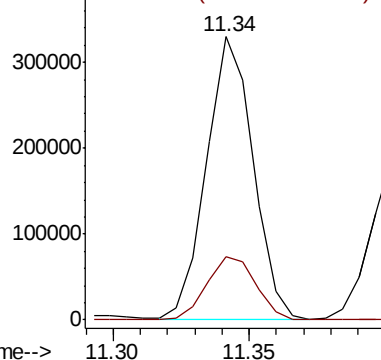
120 23.6 11.9 35.5

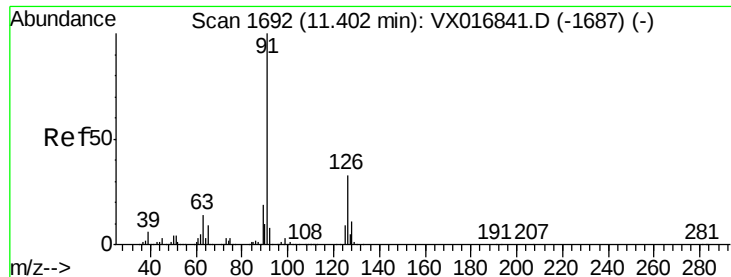


Abundance

Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

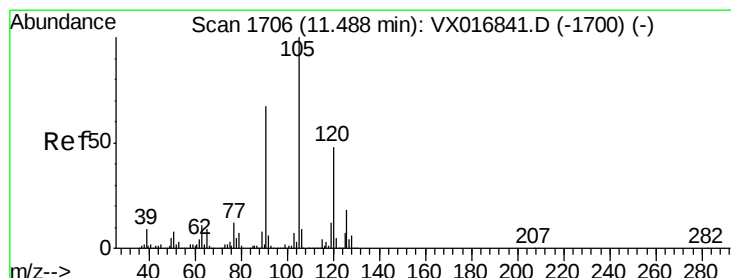
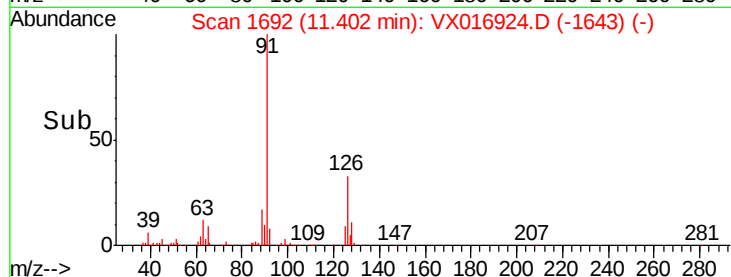
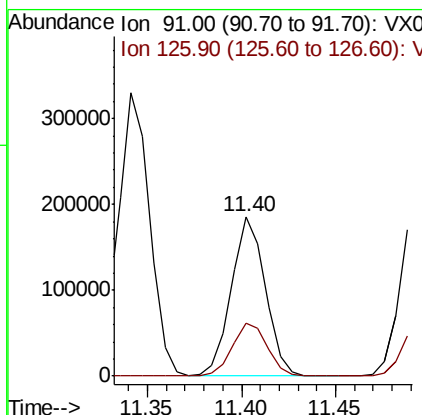
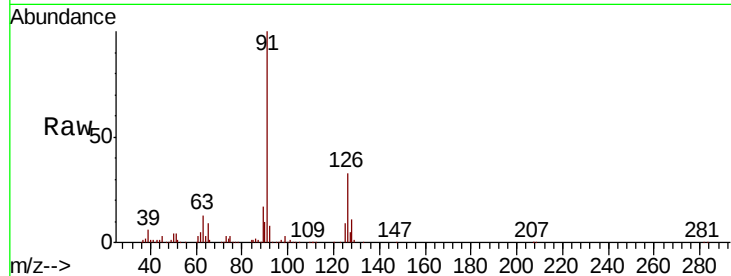




#79
 2-Chlorotoluene
 Concen: 20.708 ug/l
 RT: 11.40 min Scan# 1692
 Delta R.T. 0.00 min
 Lab File: VX016924.D
 Acq: 22 Jun 2020 16:56

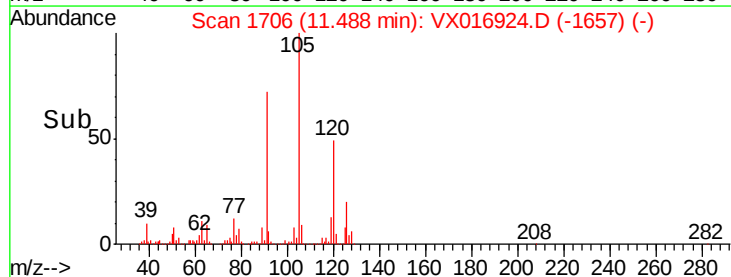
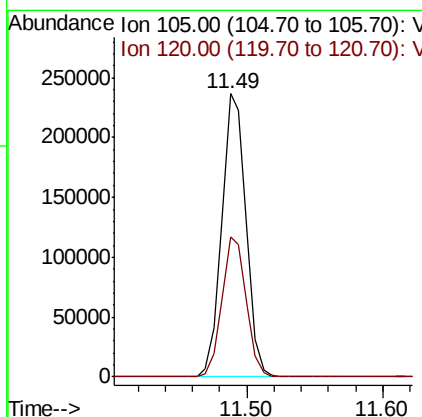
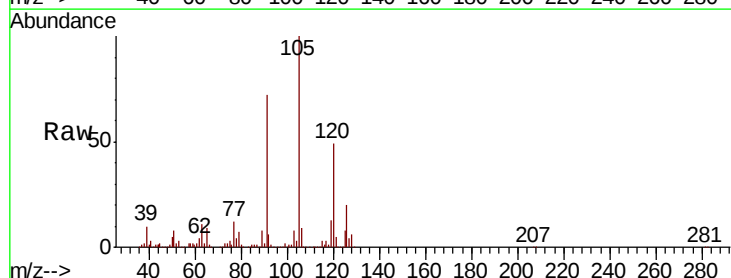
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0622WBS01

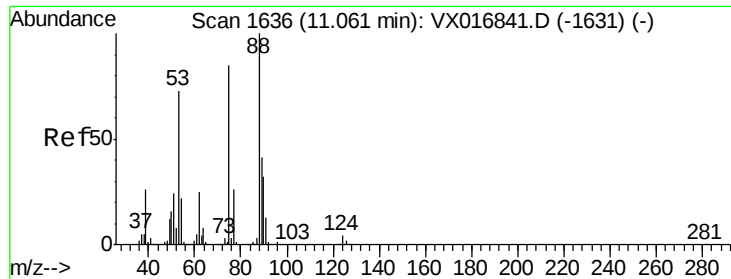
Tot Ion: 91 Resp: 231189
 Ion Ratio Lower Upper
 91 100
 126 34.3 17.2 51.5



#80
 1,3,5-Trimethylbenzene
 Concen: 20.573 ug/l
 RT: 11.49 min Scan# 1706
 Delta R.T. 0.00 min
 Lab File: VX016924.D
 Acq: 22 Jun 2020 16:56

Tgt Ion: 105 Resp: 290220
 Ion Ratio Lower Upper
 105 100
 120 49.6 24.6 74.0





#81

trans-1,4-Dichloro-2-butene

Concen: 19.137 ug/l

RT: 11.05 min Scan# 1635

Delta R.T. -0.01 min

Lab File: VX016924.D

Acq: 22 Jun 2020 16:56

Instrument :

MSVOA_X

ClientSampled :

VX0622WBS01

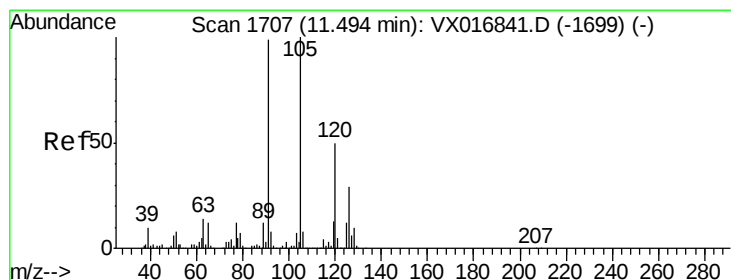
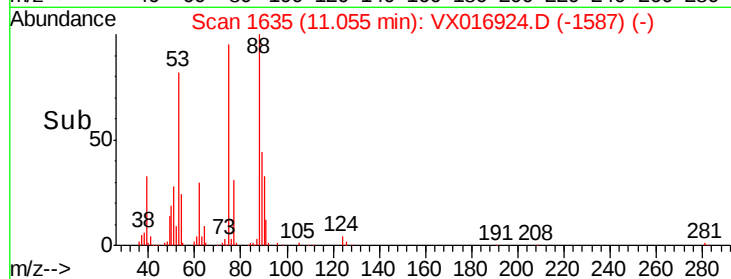
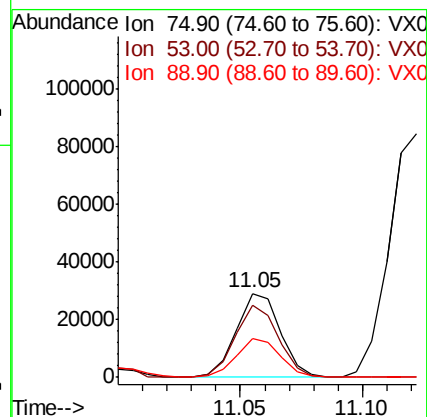
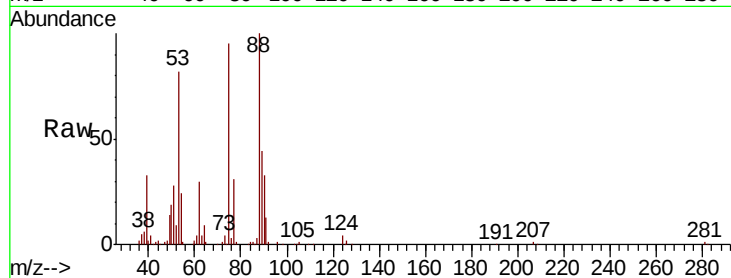
Tot Ion: 75 Resp: 36244

Ion Ratio Lower Upper

75 100

53 85.8 69.8 104.8

89 46.4 38.3 57.5



#82

4-Chlorotoluene

Concen: 20.308 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. 0.00 min

Lab File: VX016924.D

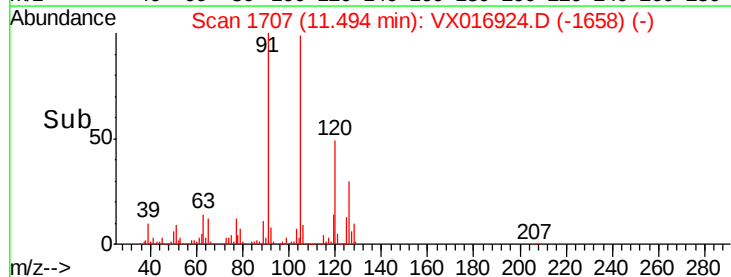
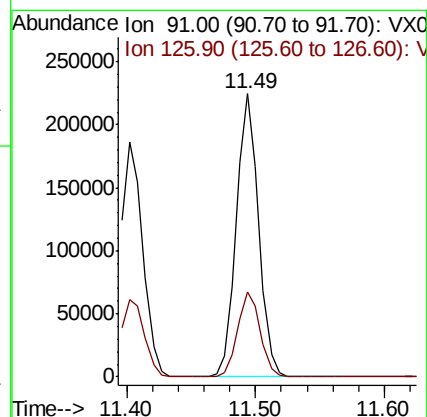
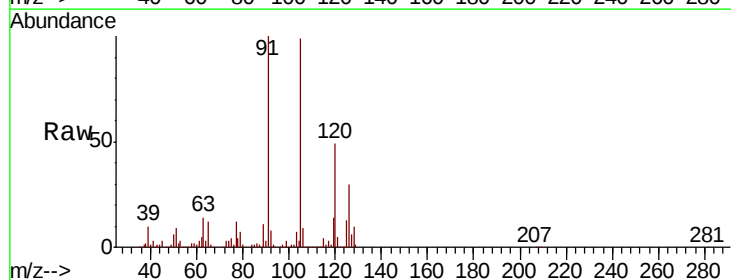
Acq: 22 Jun 2020 16:56

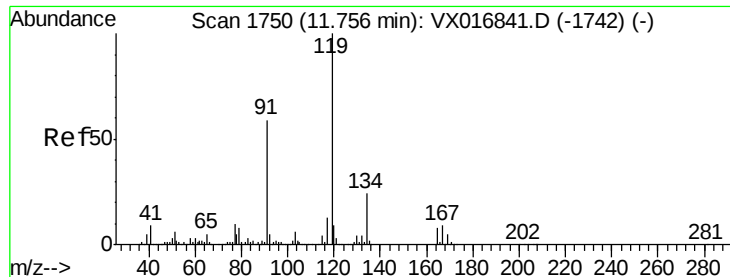
Tgt Ion: 91 Resp: 272000

Ion Ratio Lower Upper

91 100

126 30.4 15.0 45.0

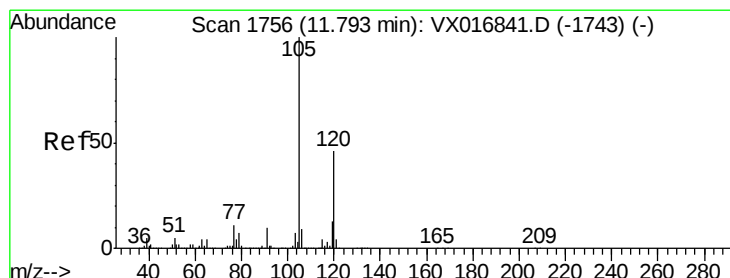
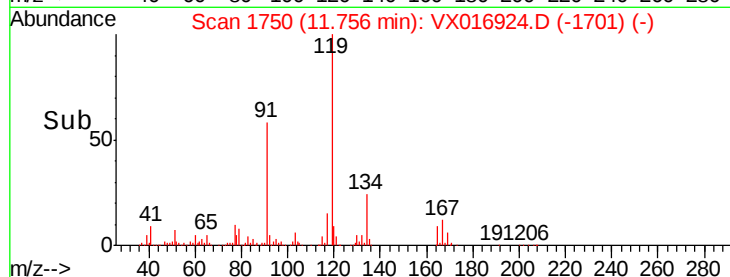
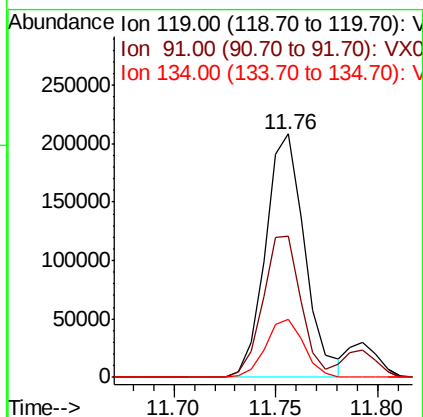
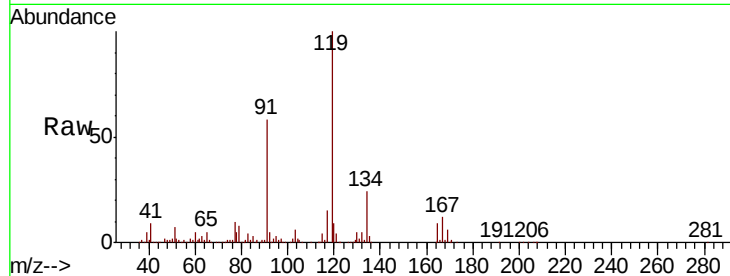




#83
 tert-Butylbenzene
 Concen: 19.987 ug/l
 RT: 11.76 min Scan# 1750
 Delta R.T. 0.00 min
 Lab File: VX016924.D
 Acq: 22 Jun 2020 16:56

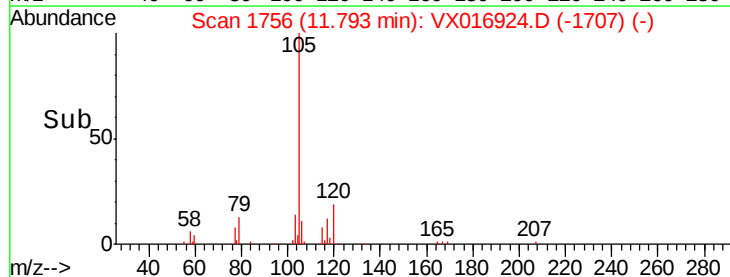
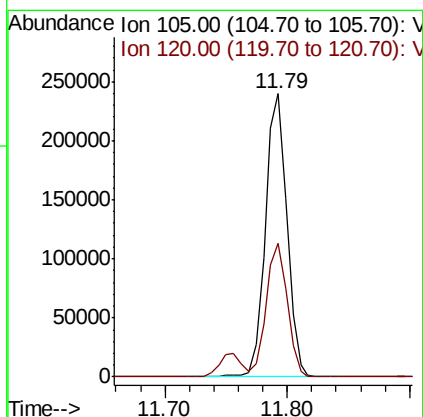
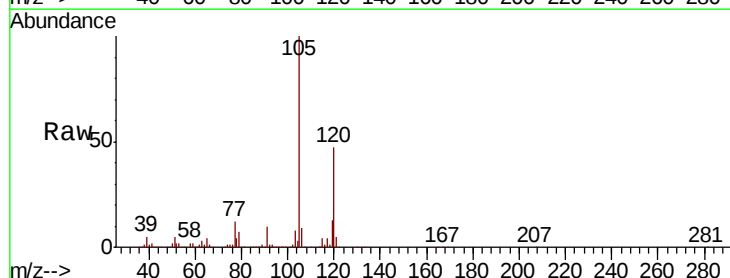
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0622WBS01

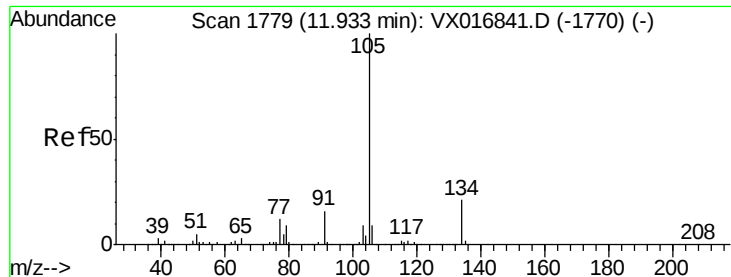
Tot Ion:119 Resp: 278971
 Ion Ratio Lower Upper
 119 100
 91 56.2 28.5 85.5
 134 23.0 11.7 35.1



#84
 1,2,4-Trimethylbenzene
 Concen: 20.235 ug/l
 RT: 11.79 min Scan# 1756
 Delta R.T. 0.00 min
 Lab File: VX016924.D
 Acq: 22 Jun 2020 16:56

Tgt Ion:105 Resp: 294052
 Ion Ratio Lower Upper
 105 100
 120 46.3 22.3 66.9





#85

sec-Butylbenzene

Concen: 20.002 ug/l

RT: 11.93 min Scan# 1778

Delta R.T. -0.01 min

Lab File: VX016924.D

Acq: 22 Jun 2020 16:56

Instrument :

MSVOA_X

ClientSampleId :

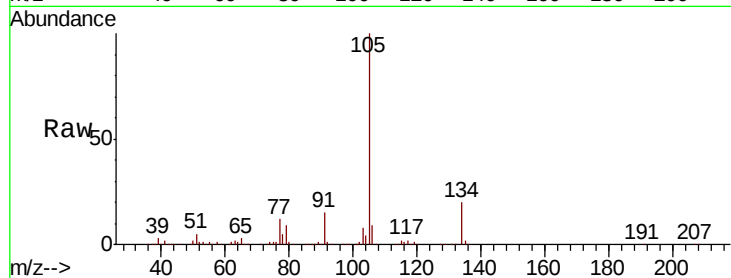
VX0622WBS01

Tot Ion:105 Resp: 324243

Ion Ratio Lower Upper

105 100

134 20.4 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

250000

200000

150000

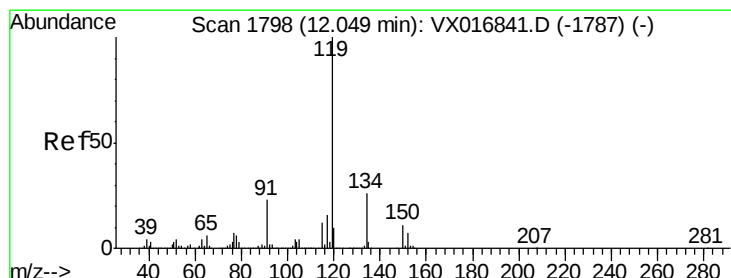
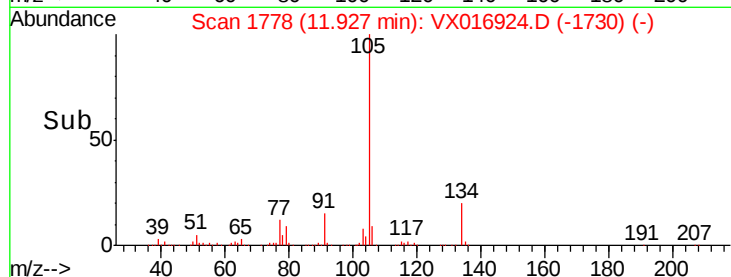
100000

50000

0

Time-->

11.85 11.90 11.95 12.00



#86

p-Isopropyltoluene

Concen: 21.006 ug/l

RT: 12.05 min Scan# 1798

Delta R.T. 0.00 min

Lab File: VX016924.D

Acq: 22 Jun 2020 16:56

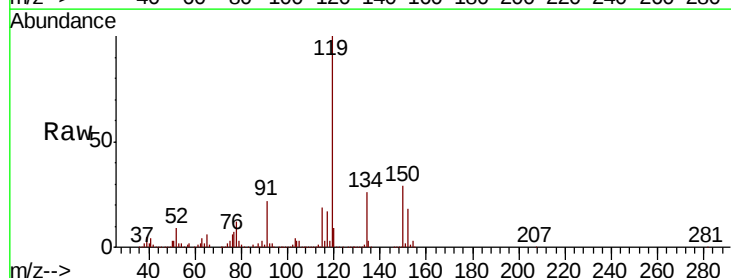
Tgt Ion:119 Resp: 311986

Ion Ratio Lower Upper

119 100

134 26.0 12.9 38.7

91 22.6 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): VX0

12.05

300000

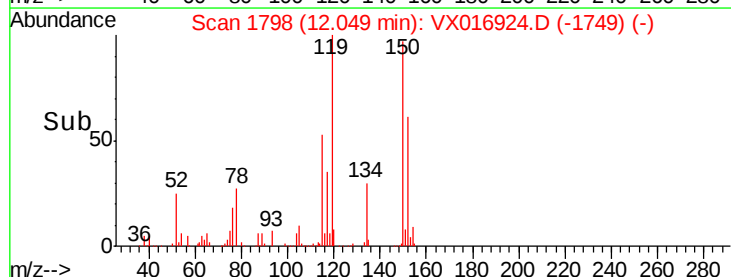
200000

100000

0

Time-->

12.00 12.10





#87

1,3-Dichlorobenzene

Concen: 19.822 ug/l

RT: 12.01 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX016924.D

Acq: 22 Jun 2020 16:56

Instrument :

MSVOA_X

ClientSampleId :

VX0622WBS01

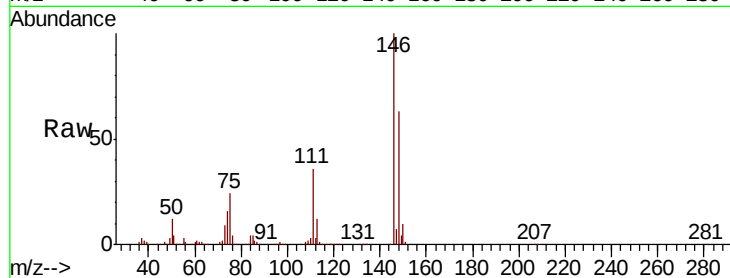
Tot Ion:146 Resp: 161481

Ion Ratio Lower Upper

146 100

111 38.8 19.4 58.2

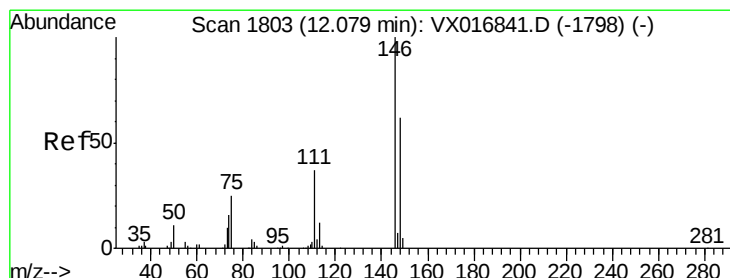
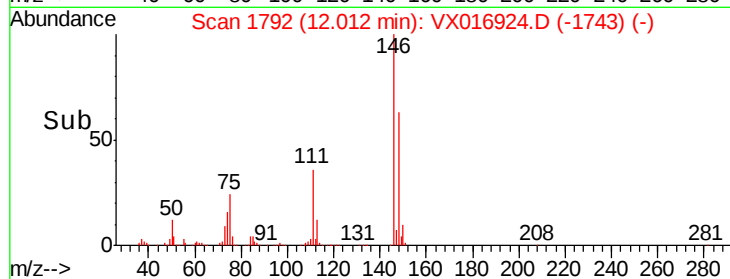
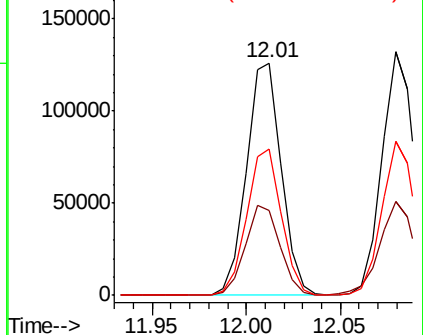
148 62.6 31.8 95.3



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 19.611 ug/l

RT: 12.08 min Scan# 1803

Delta R.T. 0.00 min

Lab File: VX016924.D

Acq: 22 Jun 2020 16:56

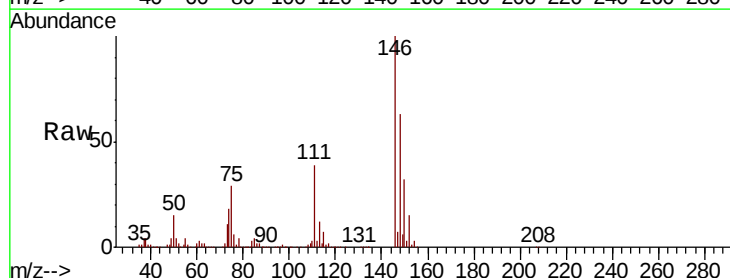
Tgt Ion:146 Resp: 161572

Ion Ratio Lower Upper

146 100

111 39.7 19.0 57.0

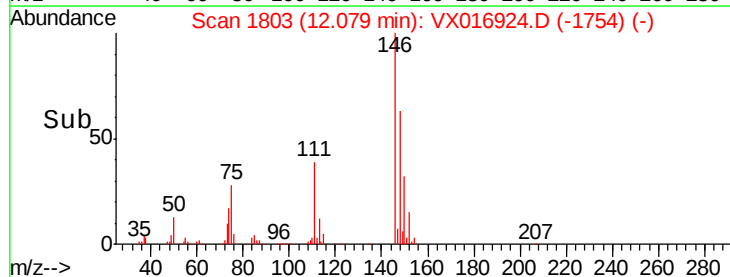
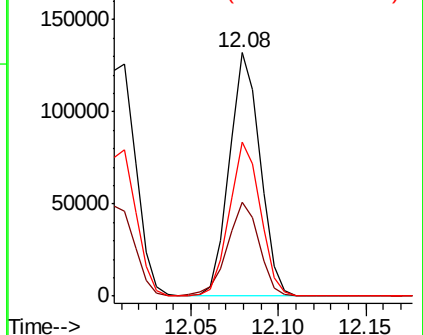
148 63.8 31.6 95.0

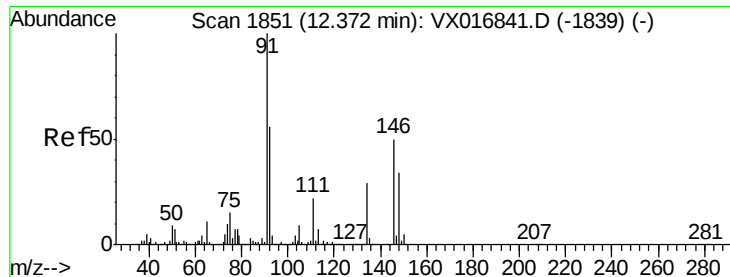


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

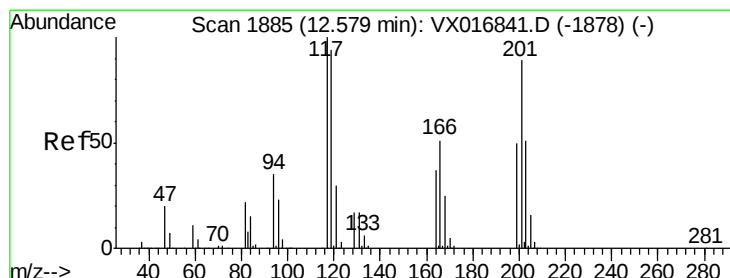
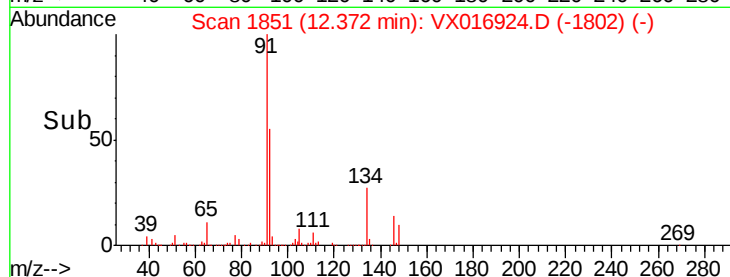
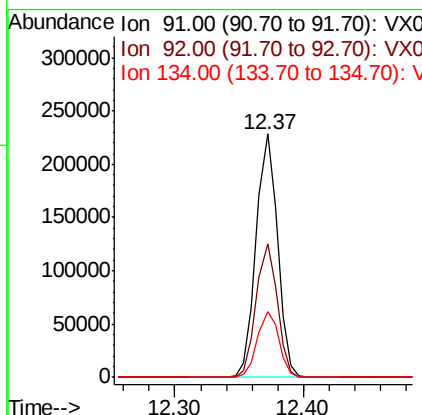
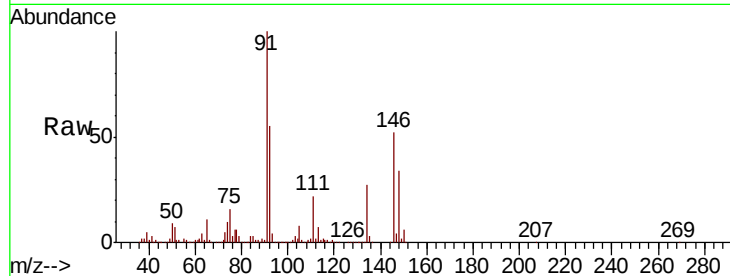




#89
n-Butylbenzene
Concen: 20.375 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. 0.00 min
Lab File: VX016924.D
Acq: 22 Jun 2020 16:56

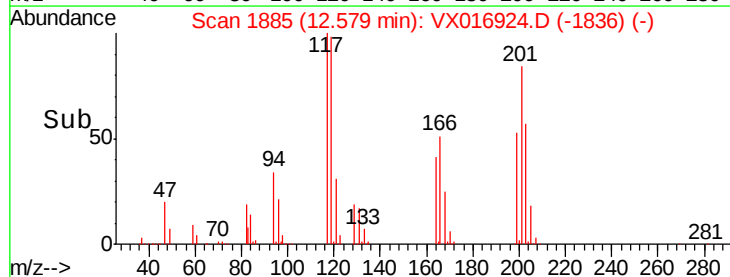
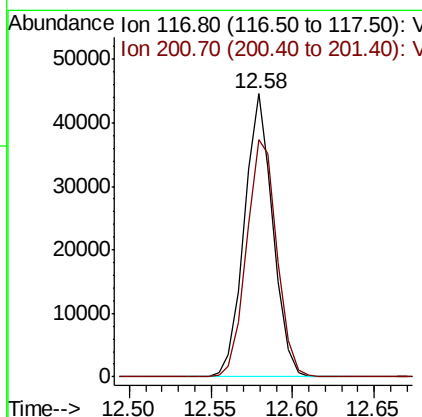
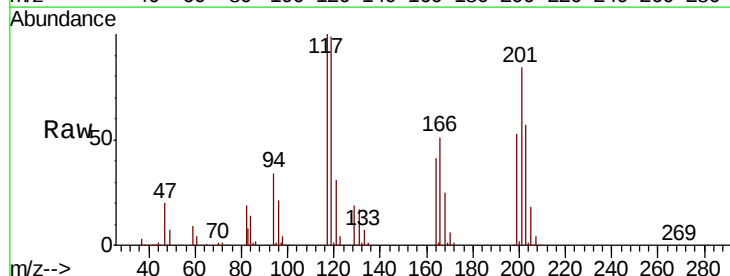
Instrument :
MSVOA_X
ClientSampleId :
VX0622WBS01

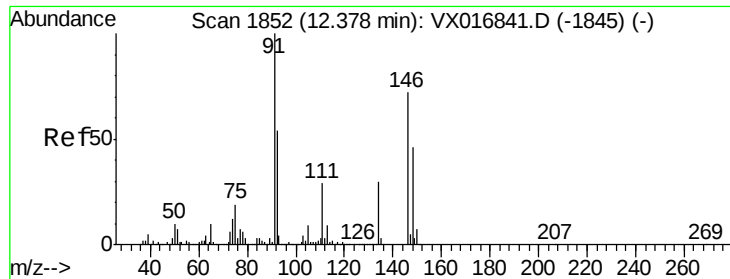
Tot Ion: 91 Resp: 259508
Ion Ratio Lower Upper
91 100
92 54.5 27.4 82.2
134 27.5 13.9 41.6



#90
Hexachloroethane
Concen: 20.254 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. 0.00 min
Lab File: VX016924.D
Acq: 22 Jun 2020 16:56

Tgt Ion: 117 Resp: 54189
Ion Ratio Lower Upper
117 100
201 89.0 44.9 134.5

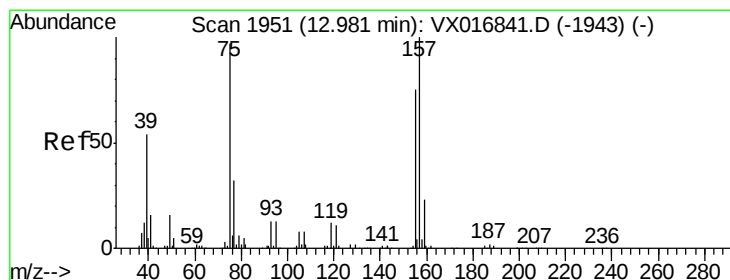
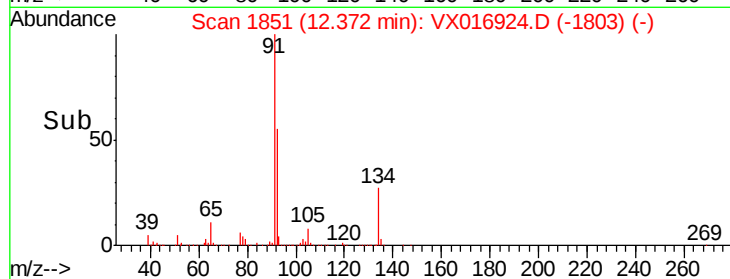
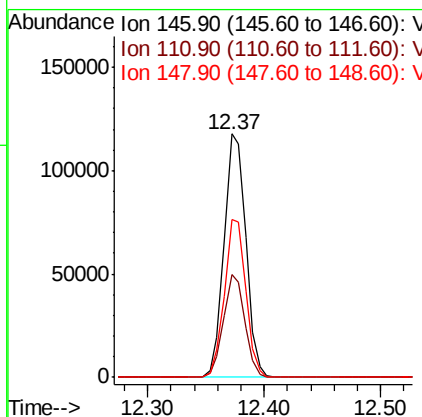
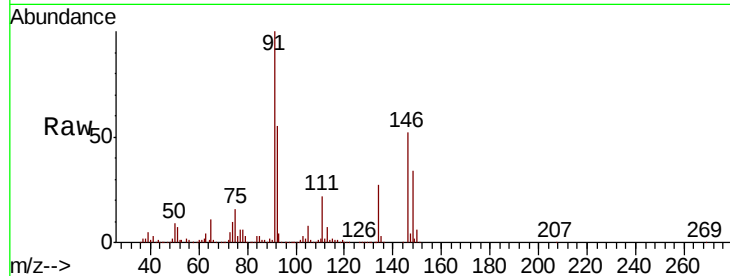




#91
 1,2-Dichlorobenzene
 Concen: 19.373 ug/l
 RT: 12.37 min Scan# 1851
 Delta R.T. -0.01 min
 Lab File: VX016924.D
 Acq: 22 Jun 2020 16:56

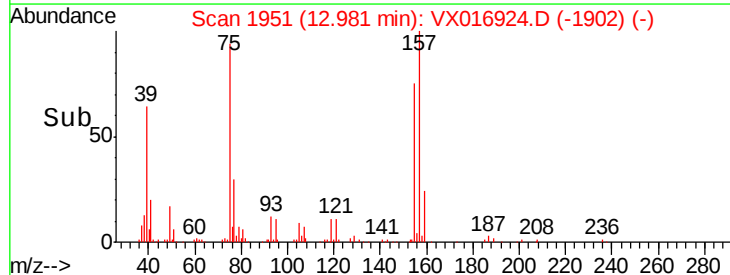
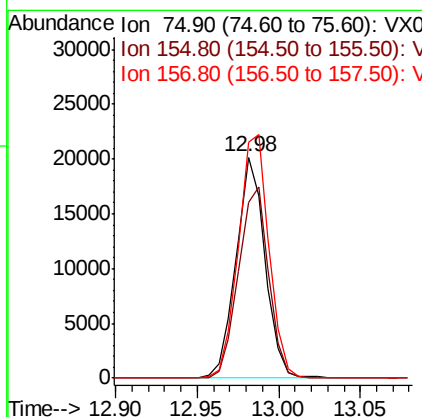
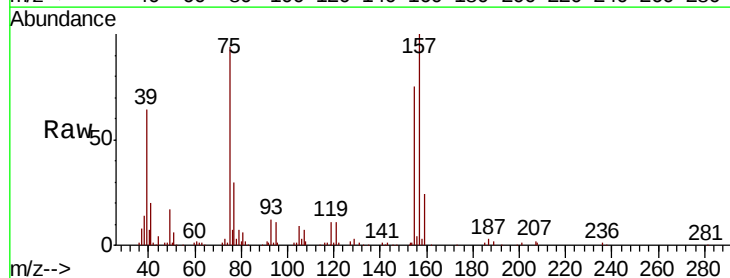
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0622WBS01

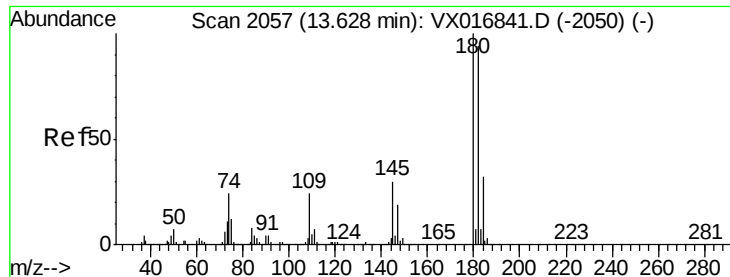
Tot Ion:146 Resp: 152364
 Ion Ratio Lower Upper
 146 100
 111 41.1 20.9 62.7
 148 63.8 32.9 98.6



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 22.792 ug/l
 RT: 12.98 min Scan# 1951
 Delta R.T. 0.00 min
 Lab File: VX016924.D
 Acq: 22 Jun 2020 16:56

Tgt Ion: 75 Resp: 24950
 Ion Ratio Lower Upper
 75 100
 155 90.2 46.4 139.1
 157 116.0 58.6 175.8

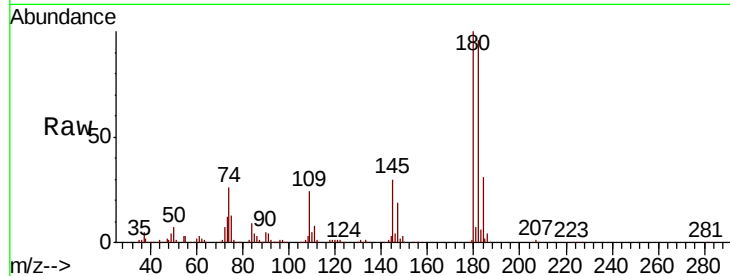




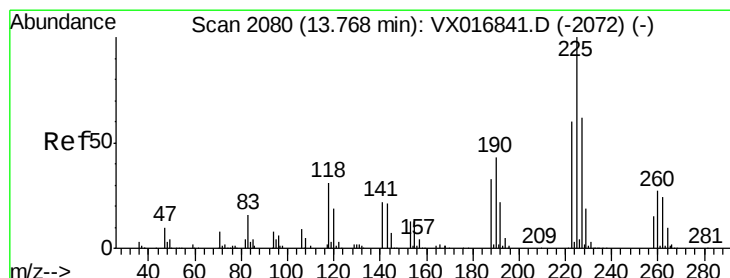
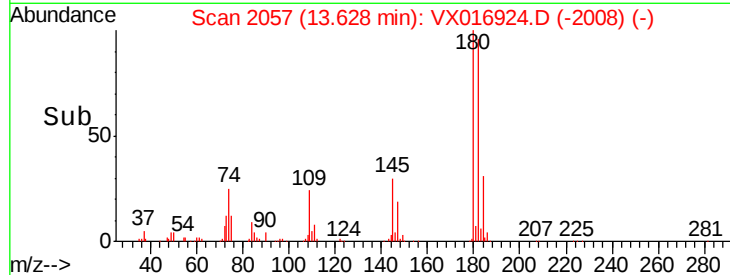
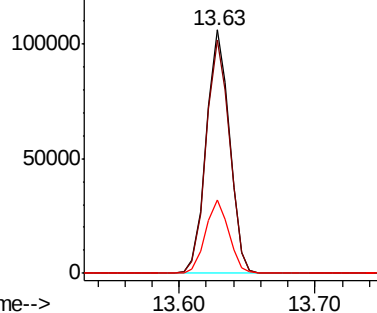
#93
 1,2,4-Trichlorobenzene
 Concen: 23.828 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. 0.00 min
 Lab File: VX016924.D
 Acq: 22 Jun 2020 16:56

Instrument :
 MSVOA_X
 ClientSampled :
 VX0622WBS01

Tot Ion	Ratio	Lower	Upper
180	100		
182	96.9	47.7	143.1
145	30.3	15.0	45.1

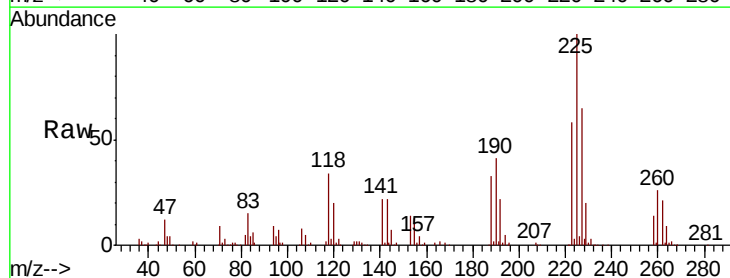


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

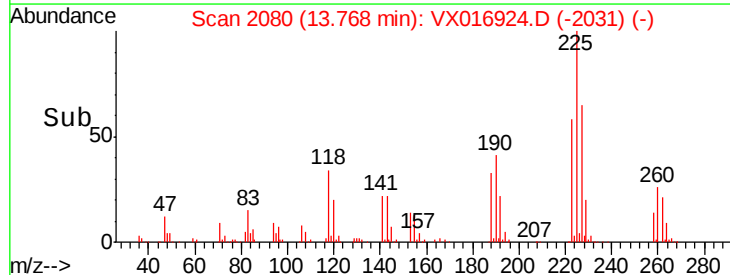
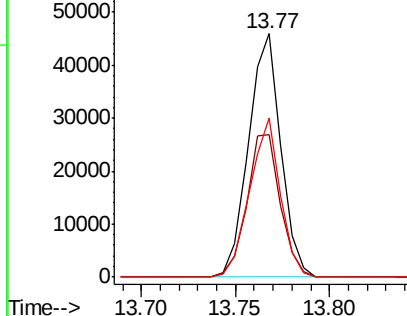


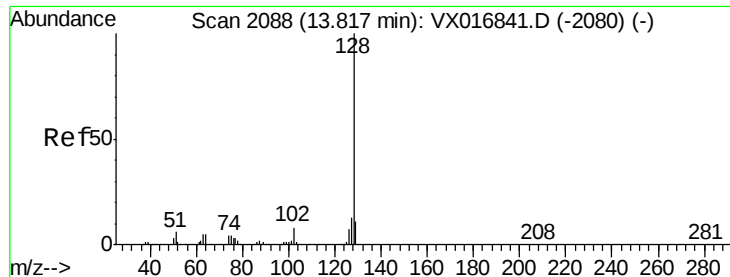
#94
 Hexachlorobutadiene
 Concen: 22.825 ug/l
 RT: 13.77 min Scan# 2080
 Delta R.T. 0.00 min
 Lab File: VX016924.D
 Acq: 22 Jun 2020 16:56

Tgt Ion	Ratio	Lower	Upper
225	100		
223	60.9	32.1	96.5
227	62.1	32.3	96.8



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

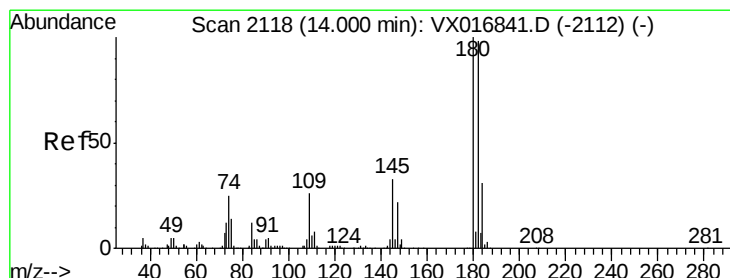
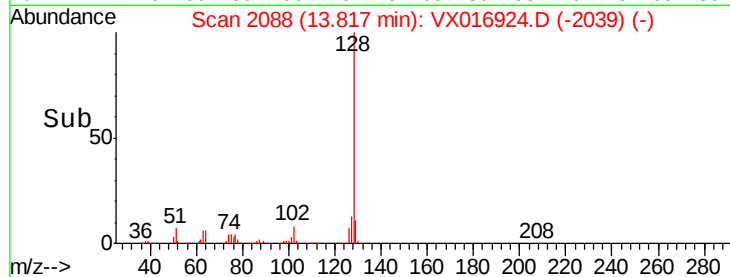
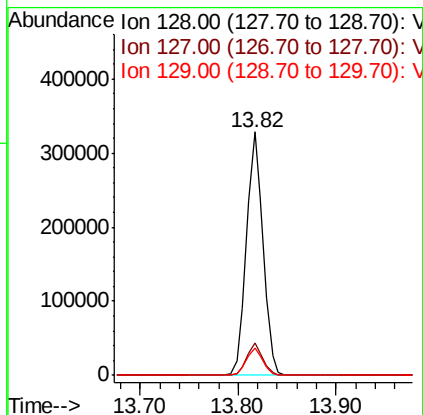
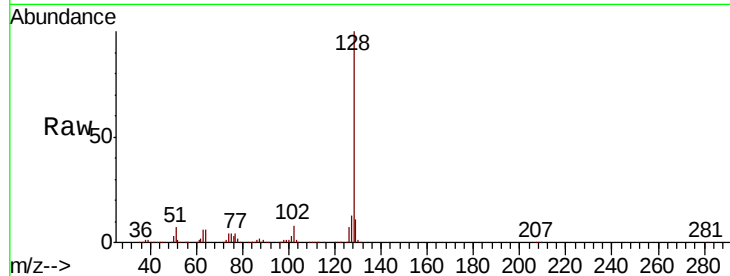




#95
Naphthalene
Concen: 24.921 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. 0.00 min
Lab File: VX016924.D
Acq: 22 Jun 2020 16:56

Instrument :
MSVOA_X
ClientSampleId :
VX0622WBS01

Tot Ion:128 Resp: 386390
Ion Ratio Lower Upper
128 100
127 12.8 10.4 15.6
129 11.1 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 22.225 ug/l
RT: 14.00 min Scan# 2118
Delta R.T. 0.00 min
Lab File: VX016924.D
Acq: 22 Jun 2020 16:56

Tgt Ion:180 Resp: 117050
Ion Ratio Lower Upper
180 100
182 93.7 47.4 142.3
145 31.3 16.0 48.0

