

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062620\
 Data File : VX016962.D
 Acq On : 25 Jun 2020 19:15
 Operator : JC/SP
 Sample : VSTDIC005
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jun 26 08:17:52 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X062620W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 26 08:15:40 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	202525	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	346572	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	323153	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	157356	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.03	65	15878	5.49	ug/l	0.00
Spiked Amount			Recovery	=	10.98%	
35) Dibromofluoromethane	5.47	113	11622	5.98	ug/l	0.00
Spiked Amount			Recovery	=	11.96%	
50) Toluene-d8	8.70	98	41749	5.16	ug/l	0.00
Spiked Amount			Recovery	=	10.32%	
62) 4-Bromofluorobenzene	11.12	95	15906	4.88	ug/l	0.00
Spiked Amount			Recovery	=	9.76%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.18	85	8852	4.134	ug/l	97
3) Chloromethane	1.32	50	12485	5.382	ug/l	97
4) Vinyl Chloride	1.39	62	13285	4.666	ug/l	98
5) Bromomethane	1.62	94	11620	9.850	ug/l	99
6) Chloroethane	1.71	64	8899	5.125	ug/l	88
7) Trichlorofluoromethane	1.92	101	22048	6.200	ug/l	99
8) Diethyl Ether	2.17	74	8282	5.113	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.36	101	11839	5.419	ug/l	98
10) Methyl Iodide	2.49	142	8912	3.720	ug/l	100
11) Tert butyl alcohol	3.02	59	14735	24.258	ug/l	97
12) 1,1-Dichloroethene	2.36	96	11796	5.183	ug/l	92
13) Acrolein	2.28	56	8365	21.233	ug/l	97
14) Allyl chloride	2.70	41	20873	5.134	ug/l	98
15) Acrylonitrile	3.12	53	33338	25.072	ug/l	98
16) Acetone	2.42	43	31491	28.955	ug/l	98
17) Carbon Disulfide	2.55	76	36454	5.227	ug/l	97
18) Methyl Acetate	2.75	43	14307	4.517	ug/l	96
19) Methyl tert-butyl Ether	3.17	73	39000	4.798	ug/l	96
20) Methylene Chloride	2.84	84	14487	5.500	ug/l	94
21) trans-1,2-Dichloroethene	3.14	96	12974	5.117	ug/l	98
22) Diisopropyl ether	3.83	45	40881	5.091	ug/l	88
23) Vinyl Acetate	3.79	43	175124	26.383	ug/l	97
24) 1,1-Dichloroethane	3.67	63	23905	5.248	ug/l	98
25) 2-Butanone	4.64	43	45441	25.956	ug/l	92
26) 2,2-Dichloropropane	4.55	77	19015	4.786	ug/l	96
27) cis-1,2-Dichloroethene	4.57	96	14733	5.153	ug/l	93
28) Bromochloromethane	4.98	49	11446	5.678	ug/l	98
29) Tetrahydrofuran	5.10	42	29676	25.611	ug/l	97
30) Chloroform	5.18	83	23510	5.207	ug/l	99
31) Cyclohexane	5.55	56	19811	4.696	ug/l #	95
32) 1,1,1-Trichloroethane	5.46	97	21359	5.239	ug/l	98
36) 1,1-Dichloropropene	5.77	75	16926	5.083	ug/l	94
37) Ethyl Acetate	4.80	43	17338	5.112	ug/l #	92
38) Carbon Tetrachloride	5.76	117	18426	5.887	ug/l	97

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062620\
 Data File : VX016962.D
 Acq On : 25 Jun 2020 19:15
 Operator : JC/SP
 Sample : VSTDIC005
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jun 26 08:17:52 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X062620W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 26 08:15:40 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	18464	4.636	ug/l	97
40) Benzene	6.11	78	50260	5.188	ug/l	98
41) Methacrylonitrile	5.01	41	9951	5.211	ug/l	97
42) 1,2-Dichloroethane	6.17	62	19657	5.668	ug/l	95
43) Isopropyl Acetate	6.42	43	30792	5.533	ug/l	95
44) Trichloroethene	7.19	130	13198	4.523	ug/l	81
45) 1,2-Dichloropropane	7.49	63	13362	5.370	ug/l	92
46) Dibromomethane	7.64	93	9384	5.626	ug/l	96
47) Bromodichloromethane	7.87	83	19108	5.593	ug/l	89
48) Methyl methacrylate	7.75	41	13281	4.858	ug/l	91
49) 1,4-Dioxane	7.72	88	6196	103.741	ug/l	99
51) 4-Methyl-2-Pentanone	8.62	43	87545	26.851	ug/l	98
52) Toluene	8.76	92	30850	5.032	ug/l	97
53) t-1,3-Dichloropropene	9.02	75	20001	4.941	ug/l	95
54) cis-1,3-Dichloropropene	8.41	75	20412	4.823	ug/l	89
55) 1,1,2-Trichloroethane	9.20	97	13028	5.317	ug/l	93
56) Ethyl methacrylate	9.16	69	17055	4.346	ug/l	95
57) 1,3-Dichloropropane	9.35	76	21506	5.131	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.29	63	47302	24.236	ug/l	99
59) 2-Hexanone	9.48	43	63415	25.650	ug/l	100
60) Dibromochloromethane	9.57	129	13384	5.377	ug/l	98
61) 1,2-Dibromoethane	9.65	107	12958	5.087	ug/l	96
64) Tetrachloroethene	9.32	164	11229	3.684	ug/l	96
65) Chlorobenzene	10.12	112	32585	5.064	ug/l	96
66) 1,1,1,2-Tetrachloroethane	10.21	131	12490	5.414	ug/l	98
67) Ethyl Benzene	10.24	91	57159	4.821	ug/l	98
68) m/p-Xylenes	10.34	106	42248	9.700	ug/l	100
69) o-Xylene	10.68	106	19813	4.678	ug/l	98
70) Styrene	10.70	104	32886	4.512	ug/l	99
71) Bromoform	10.84	173	9194	5.696	ug/l #	98
73) Isopropylbenzene	11.00	105	54040	4.668	ug/l	99
74) N-amyl acetate	10.88	43	24083	4.707	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	18549	6.657	ug/l	97
76) 1,2,3-Trichloropropane	11.28	75	22288	6.602	ug/l	86
77) Bromobenzene	11.24	156	14216	5.318	ug/l	98
78) n-propylbenzene	11.34	91	62194	4.544	ug/l	100
79) 2-Chlorotoluene	11.40	91	39007	4.838	ug/l	97
80) 1,3,5-Trimethylbenzene	11.49	105	44794	4.559	ug/l	97
81) trans-1,4-Dichloro-2-buten	11.06	75	6000	4.104	ug/l	91
82) 4-Chlorotoluene	11.49	91	45075	4.679	ug/l	99
83) tert-Butylbenzene	11.76	119	42843	5.051	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	45399	4.498	ug/l	99
85) sec-Butylbenzene	11.93	105	50757	4.484	ug/l	97
86) p-Isopropyltoluene	12.05	119	45739	4.426	ug/l	98
87) 1,3-Dichlorobenzene	12.01	146	25702	5.229	ug/l	98
88) 1,4-Dichlorobenzene	12.09	146	26611	5.266	ug/l	91
89) n-Butylbenzene	12.37	91	42555	4.390	ug/l	97
90) Hexachloroethane	12.58	117	9343	5.556	ug/l	99
91) 1,2-Dichlorobenzene	12.38	146	24230	5.135	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	12.98	75	4226	5.032	ug/l	93

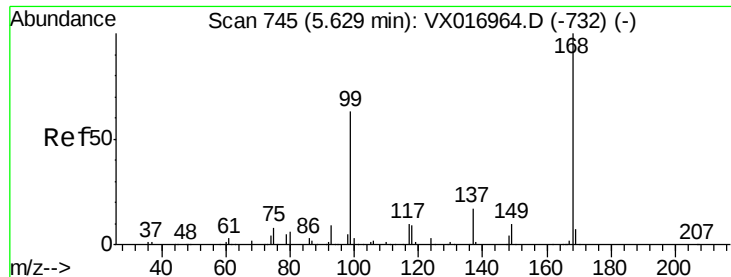
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062620\
Data File : VX016962.D
Acq On : 25 Jun 2020 19:15
Operator : JC/SP
Sample : VSTDICC005
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

Quant Time: Jun 26 08:17:52 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X062620W.M
Quant Title : SW846 8260
QLast Update : Fri Jun 26 08:15:40 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	14847	4.849	ug/l	94
94) Hexachlorobutadiene	13.77	225	5544	5.126	ug/l	85
95) Naphthalene	13.82	128	48009	4.384	ug/l	100
96) 1,2,3-Trichlorobenzene	14.00	180	14536	5.001	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 746

Delta R.T. 0.01 min

Lab File: VX016962.D

Acq: 25 Jun 2020 19:15

Instrument :

MSVOA_X

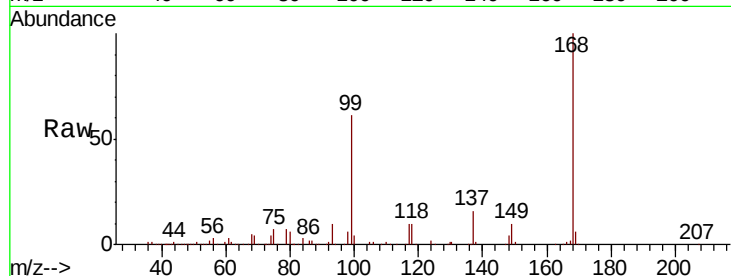
ClientSampleId :

Tot Ion:168 Resp: 202525

Ion Ratio Lower Upper

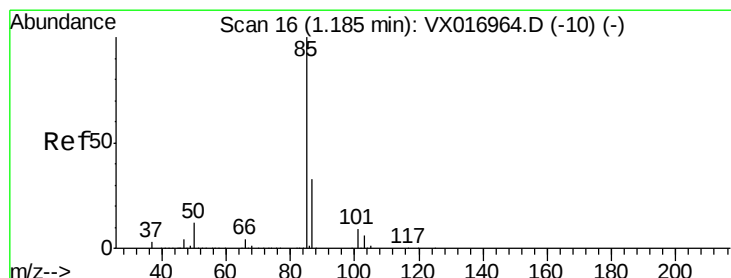
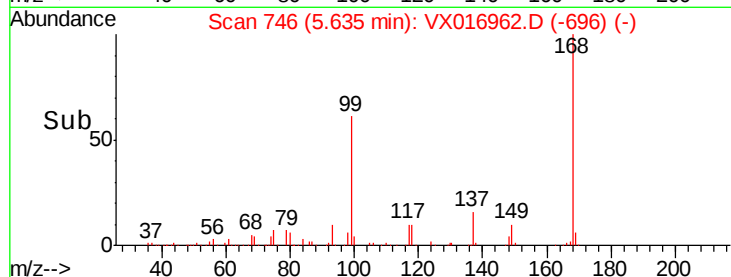
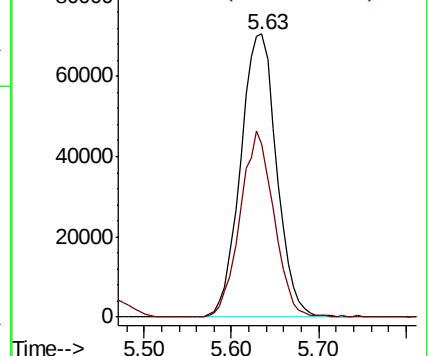
168 100

99 61.0 50.2 75.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 4.134 ug/l

RT: 1.18 min Scan# 16

Delta R.T. -0.00 min

Lab File: VX016962.D

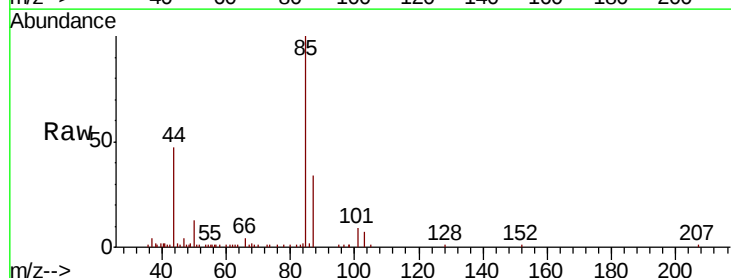
Acq: 25 Jun 2020 19:15

Tgt Ion: 85 Resp: 8852

Ion Ratio Lower Upper

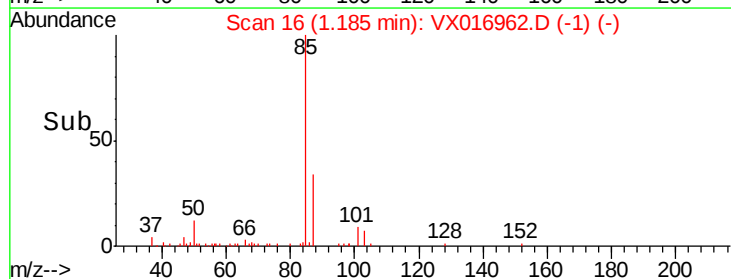
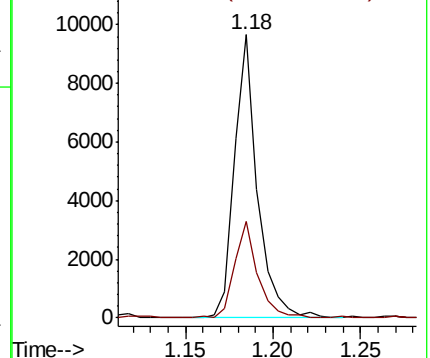
85 100

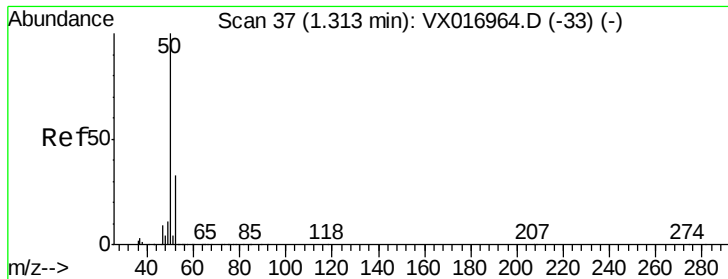
87 34.1 16.3 48.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 5.382 ug/l

RT: 1.32 min Scan# 38

Delta R.T. 0.01 min

Lab File: VX016962.D

Acq: 25 Jun 2020 19:15

Instrument :

MSVOA_X

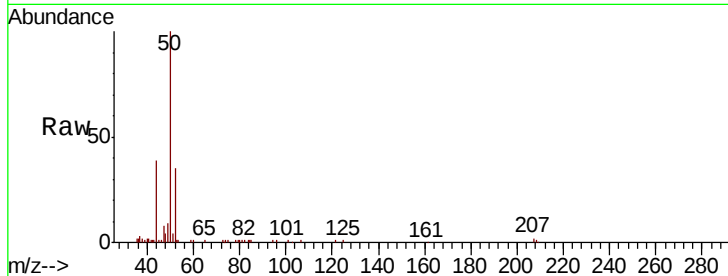
ClientSampleId :

Tot Ion: 50 Resp: 12485

Ion Ratio Lower Upper

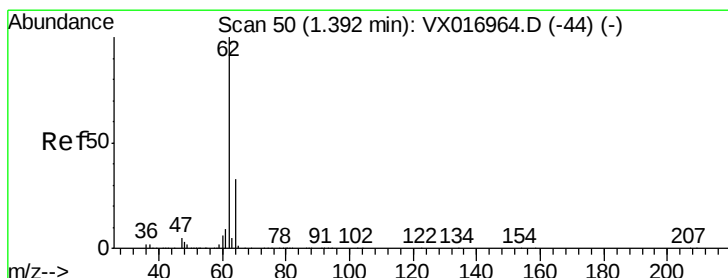
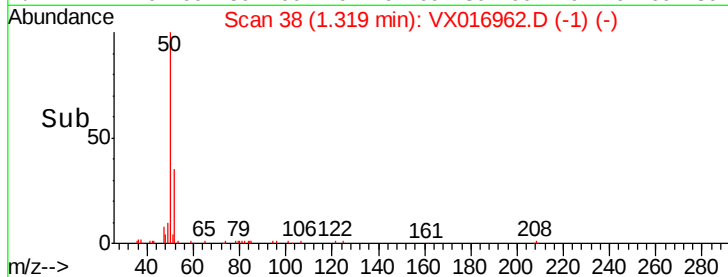
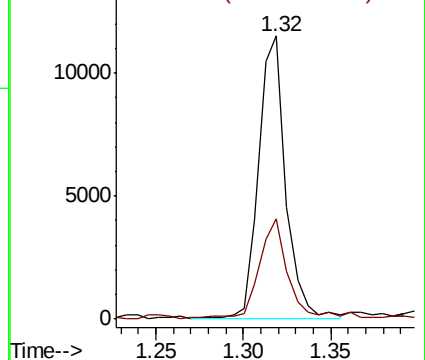
50 100

52 34.8 26.6 40.0



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 4.666 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX016962.D

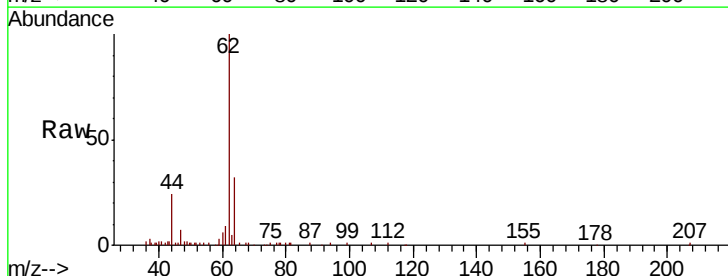
Acq: 25 Jun 2020 19:15

Tgt Ion: 62 Resp: 13285

Ion Ratio Lower Upper

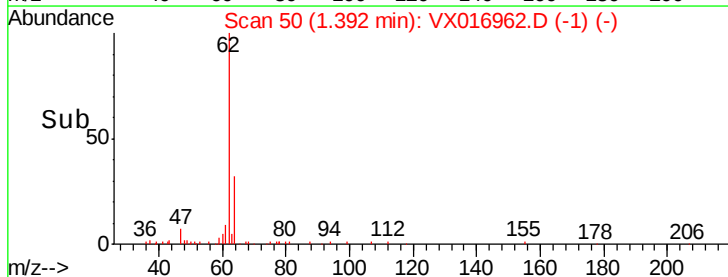
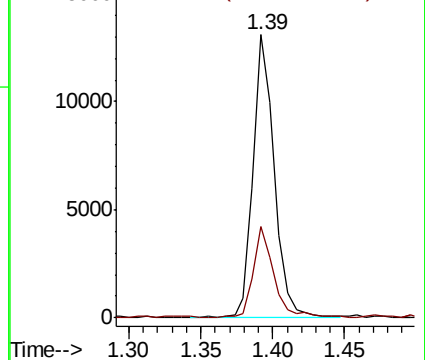
62 100

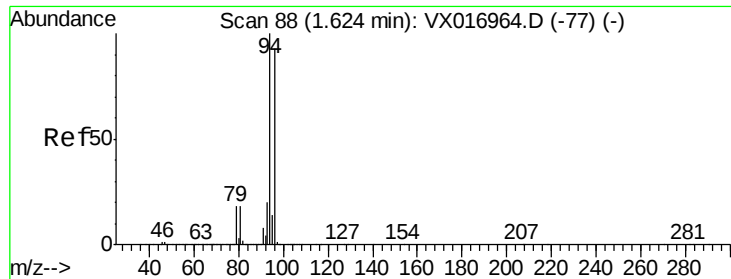
64 31.9 26.3 39.5



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 9.850 ug/l

RT: 1.62 min Scan# 88

Delta R.T. -0.00 min

Lab File: VX016962.D

Acq: 25 Jun 2020 19:15

Instrument :

MSVOA_X

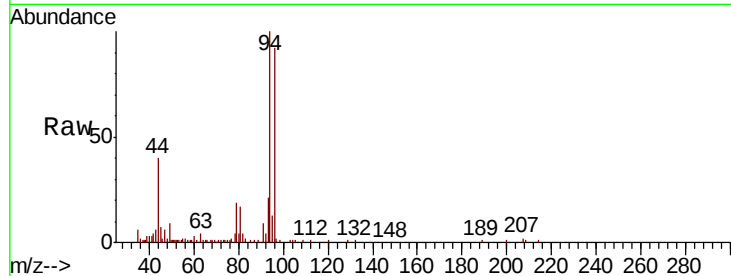
ClientSampleId :

Tot Ion: 94 Resp: 11620

Ion Ratio Lower Upper

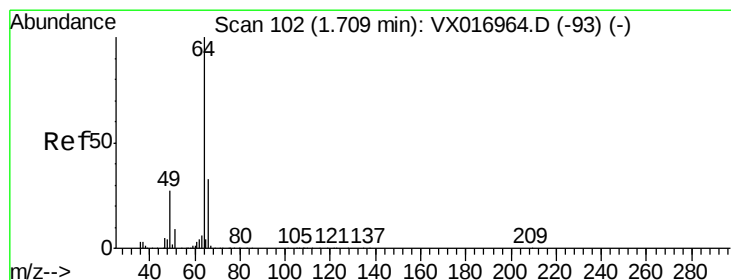
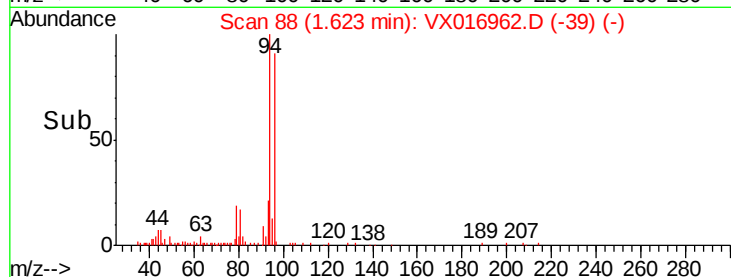
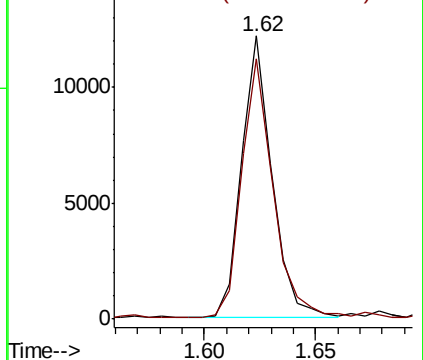
94 100

96 91.7 74.2 111.2



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 5.125 ug/l

RT: 1.71 min Scan# 102

Delta R.T. -0.00 min

Lab File: VX016962.D

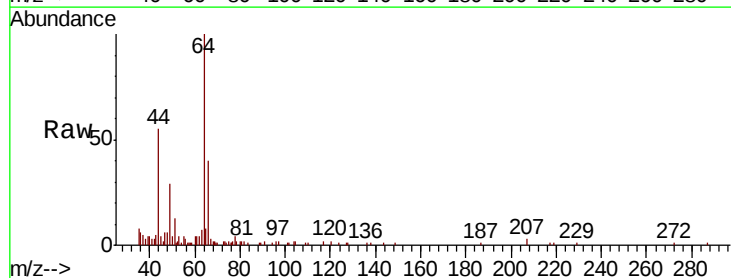
Acq: 25 Jun 2020 19:15

Tgt Ion: 64 Resp: 8899

Ion Ratio Lower Upper

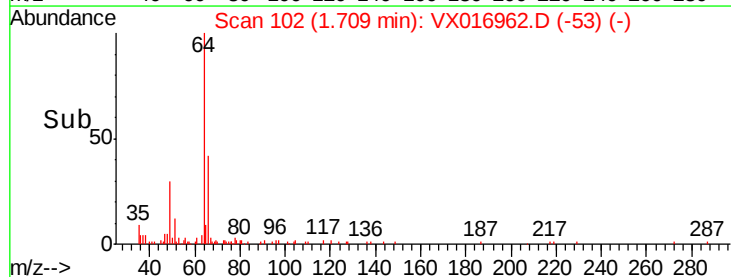
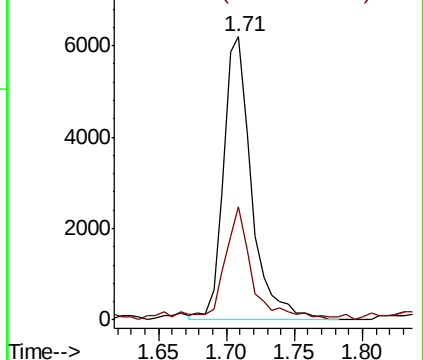
64 100

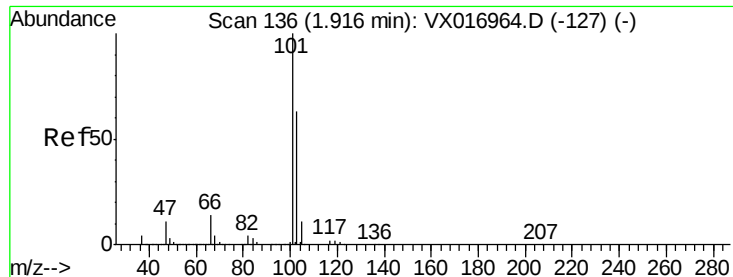
66 39.2 26.2 39.2



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



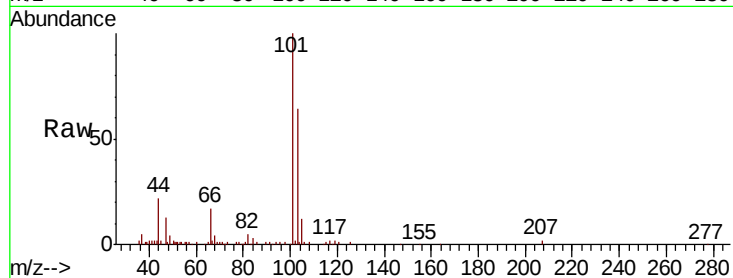


#7

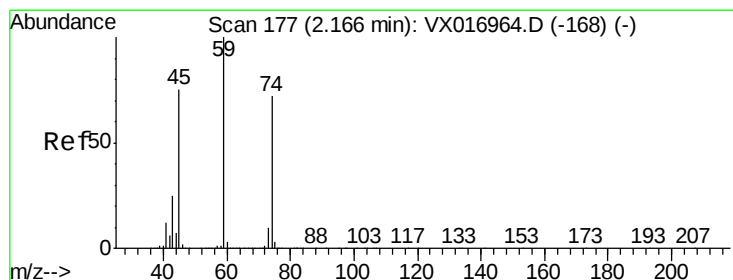
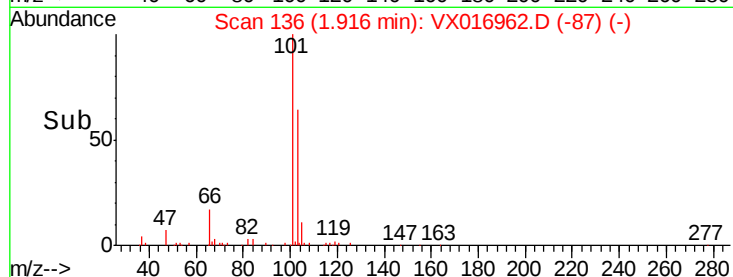
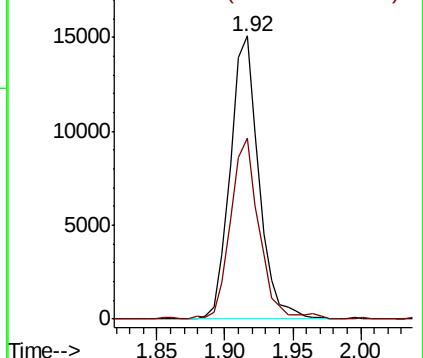
Trichlorofluoromethane
 Concen: 6.200 ug/l
 RT: 1.92 min Scan# 136
 Delta R.T. -0.00 min
 Lab File: VX016962.D
 Acq: 25 Jun 2020 19:15

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion:101 Resp: 22048
 Ion Ratio Lower Upper
 101 100
 103 63.9 50.2 75.4



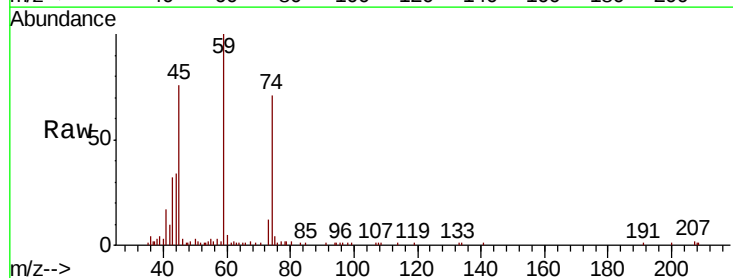
Abundance Ion 100.90 (100.60 to 101.60): V
 Ion 102.80 (102.50 to 103.50): V



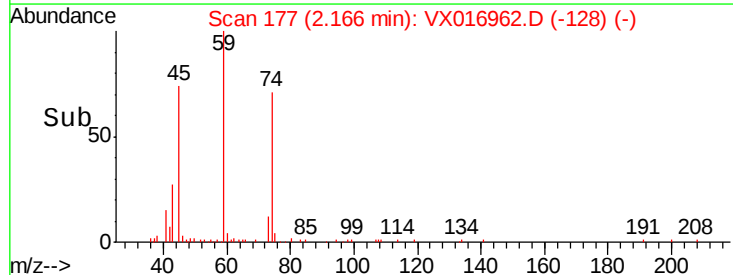
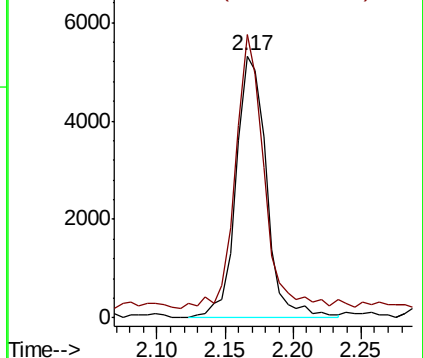
#8

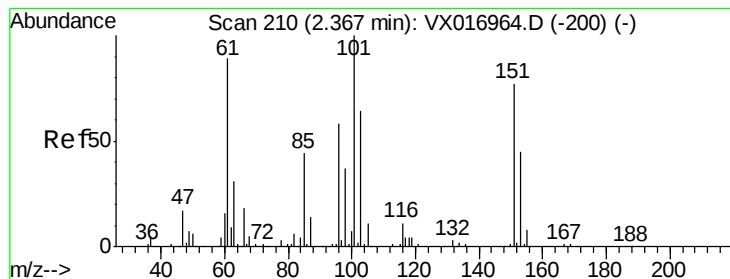
Diethyl Ether
 Concen: 5.113 ug/l
 RT: 2.17 min Scan# 177
 Delta R.T. -0.00 min
 Lab File: VX016962.D
 Acq: 25 Jun 2020 19:15

Tgt Ion: 74 Resp: 8282
 Ion Ratio Lower Upper
 74 100
 45 98.6 50.5 151.5



Abundance Ion 74.00 (73.70 to 74.70): VX0
 Ion 45.00 (44.70 to 45.70): VX0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 5.419 ug/l

RT: 2.36 min Scan# 209

Delta R.T. -0.01 min

Lab File: VX016962.D

Acq: 25 Jun 2020 19:15

Instrument :

MSVOA_X

ClientSampleId :

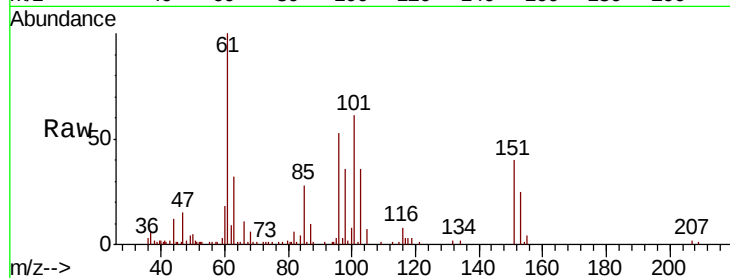
Tot Ion:101 Resp: 11839

Ion Ratio Lower Upper

101 100

85 46.6 36.8 55.2

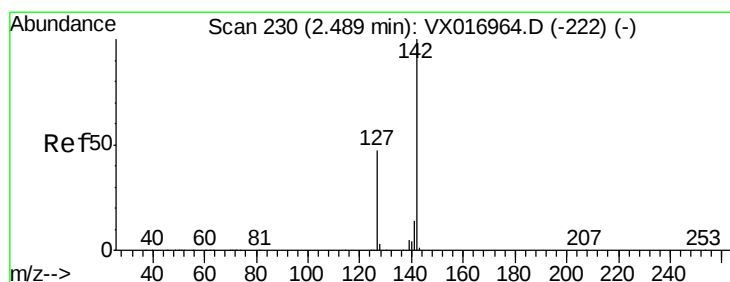
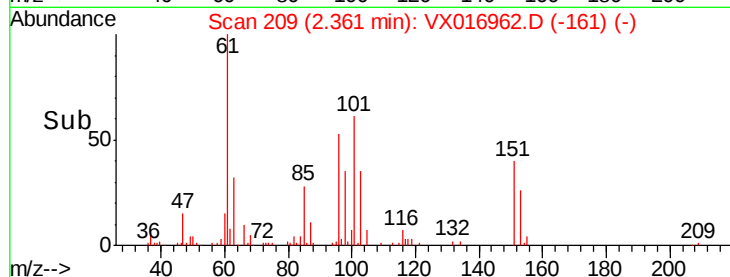
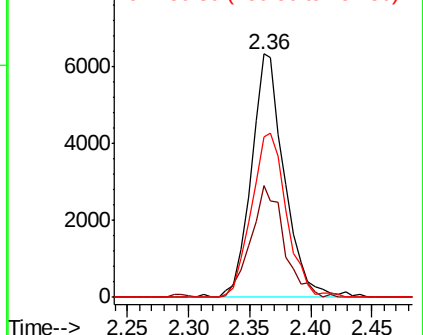
151 72.2 59.8 89.6



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: 3.720 ug/l

RT: 2.49 min Scan# 230

Delta R.T. -0.00 min

Lab File: VX016962.D

Acq: 25 Jun 2020 19:15

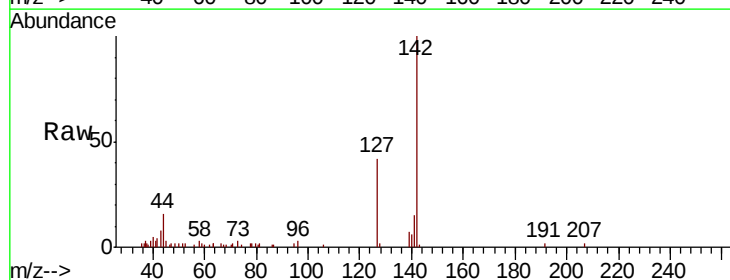
Tgt Ion:142 Resp: 8912

Ion Ratio Lower Upper

142 100

127 46.5 37.4 56.0

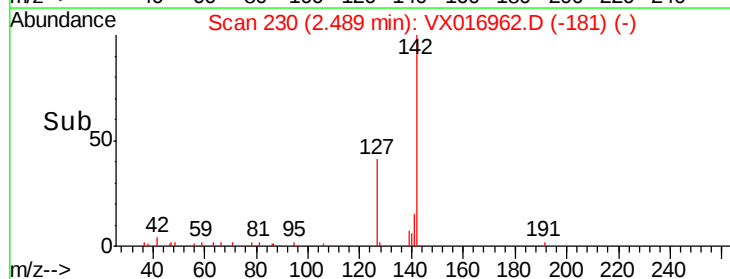
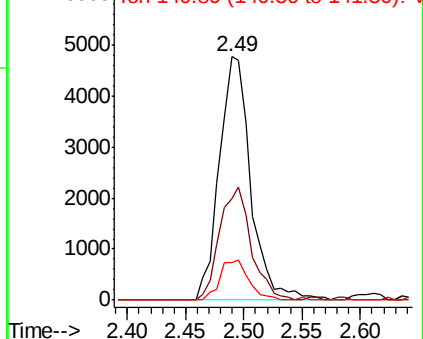
141 14.8 11.7 17.5

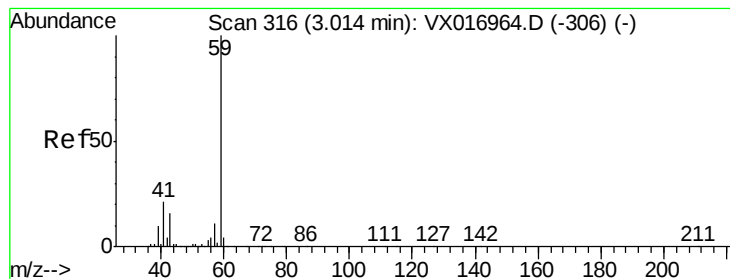


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



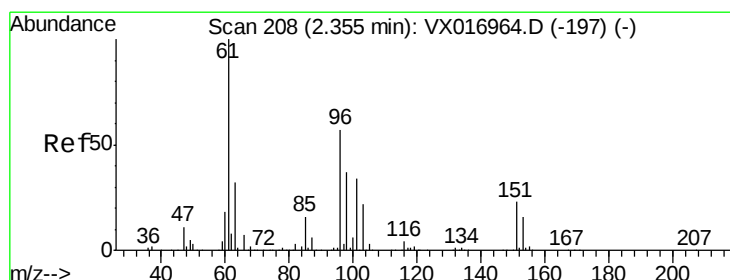
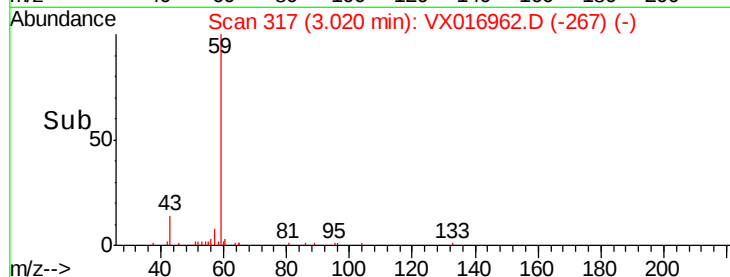
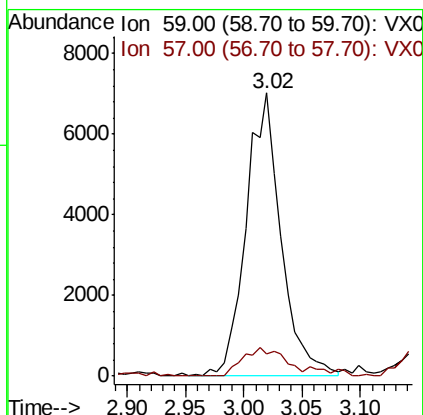
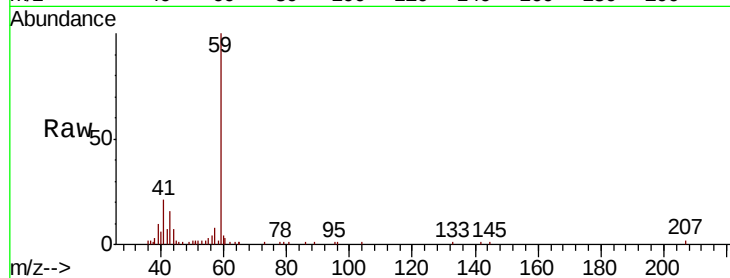


#11

Tert butyl alcohol
Concen: 24.258 ug/l
RT: 3.02 min Scan# 317
Delta R.T. 0.01 min
Lab File: VX016962.D
Acq: 25 Jun 2020 19:15

Instrument :
MSVOA_X
ClientSampled :

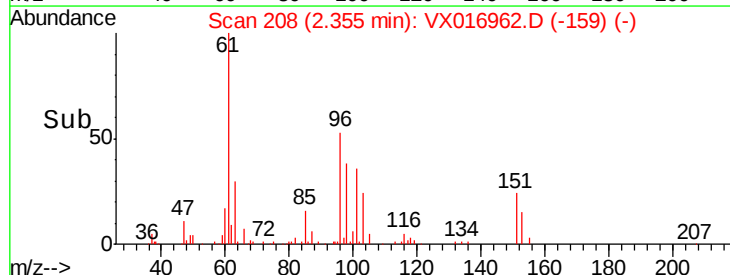
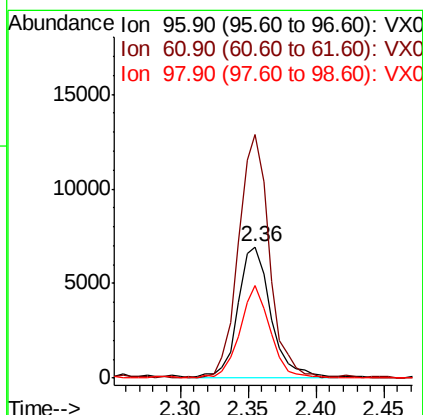
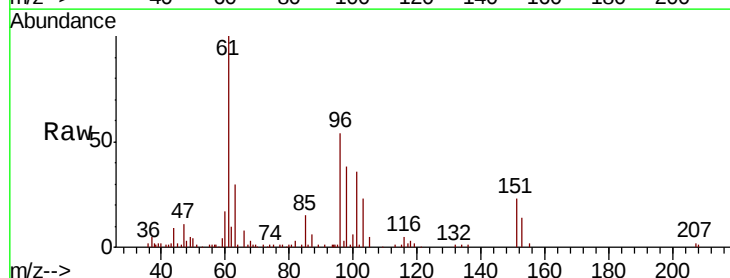
Tot Ion: 59 Resp: 14735
Ion Ratio Lower Upper
59 100
57 11.8 8.5 12.7

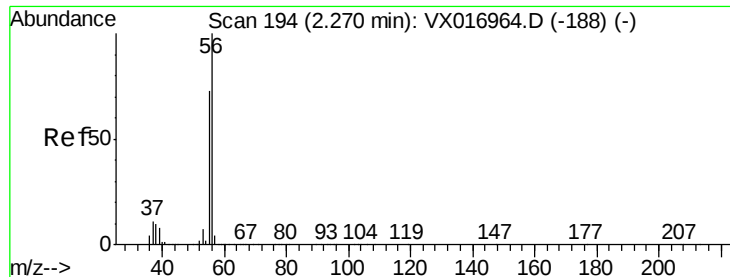


#12

1,1-Dichloroethene
Concen: 5.183 ug/l
RT: 2.36 min Scan# 208
Delta R.T. -0.00 min
Lab File: VX016962.D
Acq: 25 Jun 2020 19:15

Tgt Ion: 96 Resp: 11796
Ion Ratio Lower Upper
96 100
61 184.7 139.7 209.5
98 70.4 51.0 76.6





#13

Acrolein

Concen: 21.233 ug/l

RT: 2.28 min Scan# 195

Delta R.T. 0.01 min

Lab File: VX016962.D

Acq: 25 Jun 2020 19:15

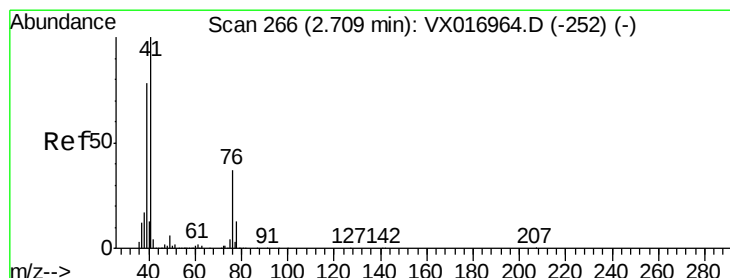
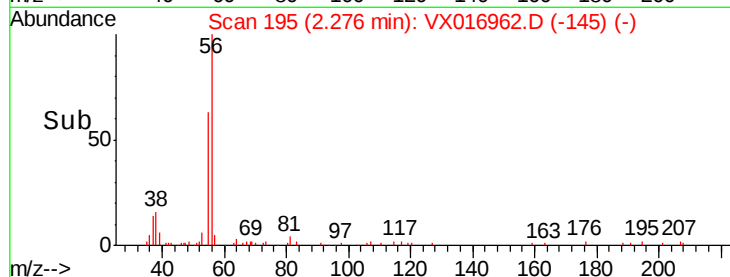
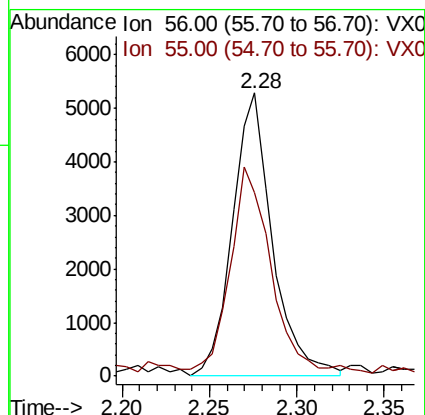
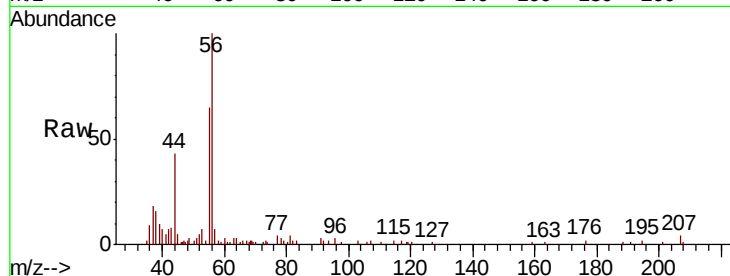
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 56 Resp: 8365

Ion Ratio Lower Upper

56 100

55 69.5 57.5 86.3



#14

Allyl chloride

Concen: 5.134 ug/l

RT: 2.70 min Scan# 265

Delta R.T. -0.01 min

Lab File: VX016962.D

Acq: 25 Jun 2020 19:15

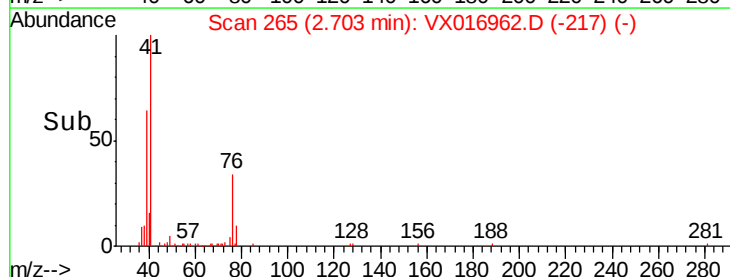
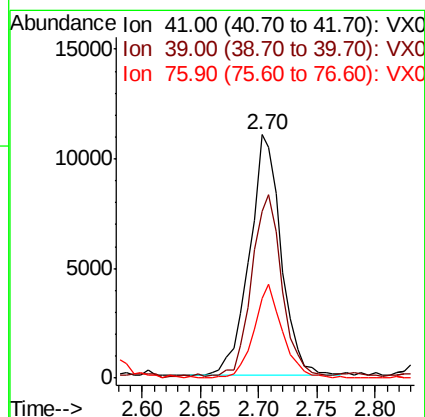
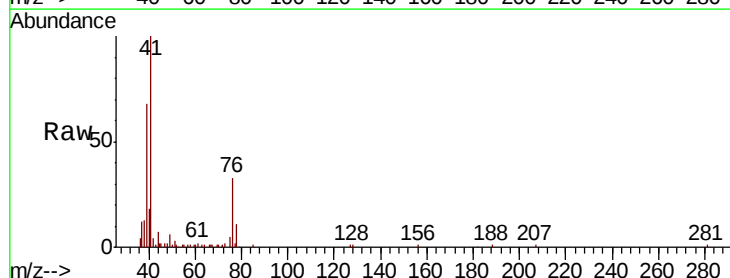
Tgt Ion: 41 Resp: 20873

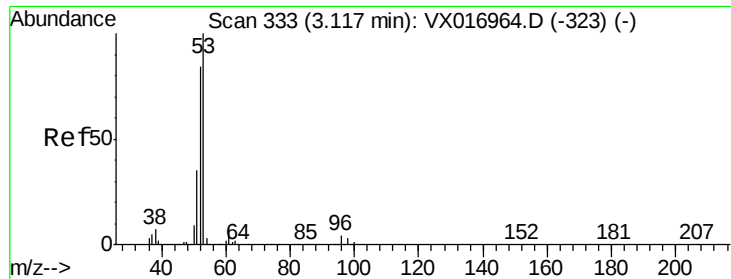
Ion Ratio Lower Upper

41 100

39 72.1 56.4 84.6

76 34.9 26.5 39.7





#15

Acrylonitrile

Concen: 25.072 ug/l

RT: 3.12 min Scan# 333

Delta R.T. -0.00 min

Lab File: VX016962.D

Acq: 25 Jun 2020 19:15

Instrument :

MSVOA_X

ClientSampleId :

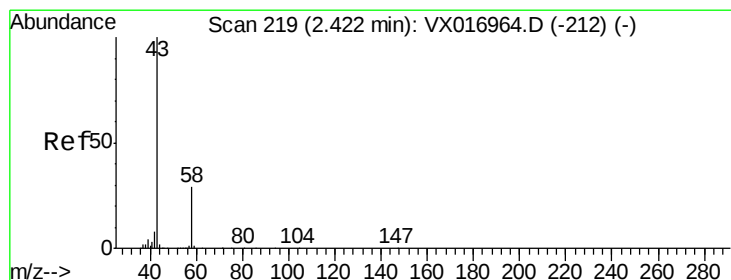
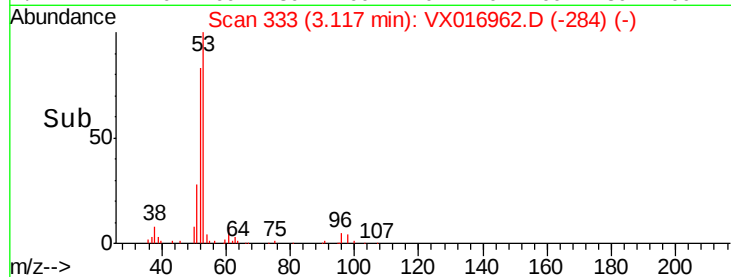
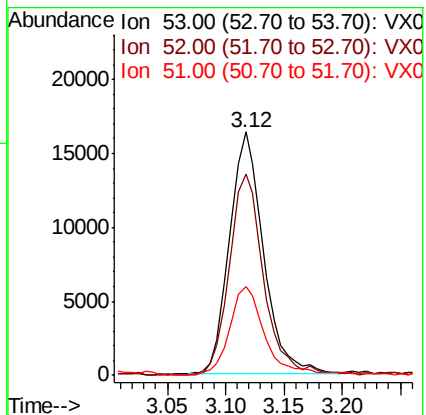
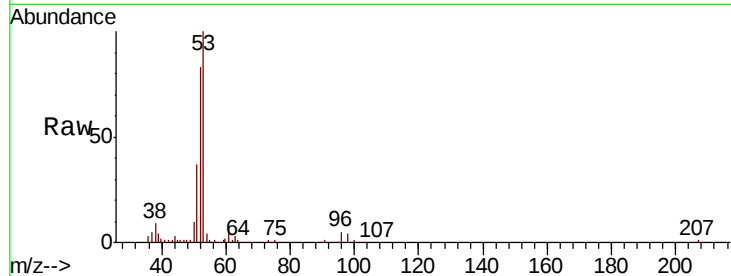
Tot Ion: 53 Resp: 33338

Ion Ratio Lower Upper

53 100

52 84.6 66.3 99.5

51 38.3 29.0 43.6



#16

Acetone

Concen: 28.955 ug/l

RT: 2.42 min Scan# 219

Delta R.T. -0.00 min

Lab File: VX016962.D

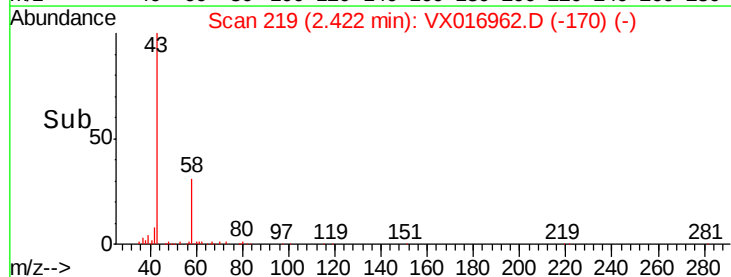
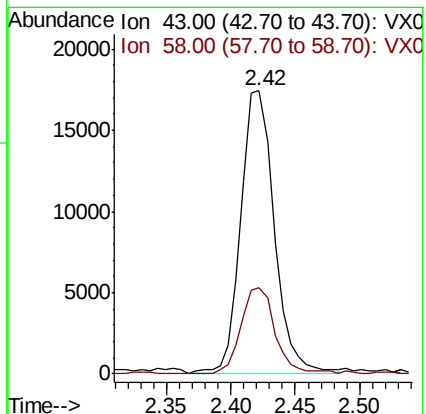
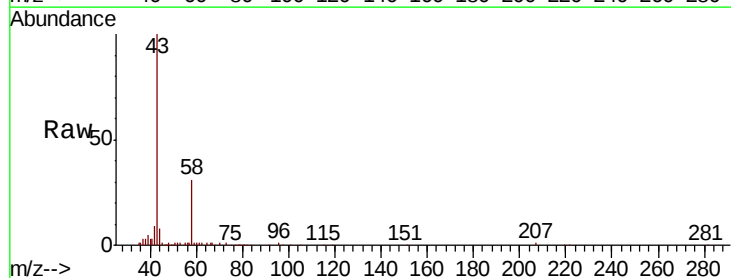
Acq: 25 Jun 2020 19:15

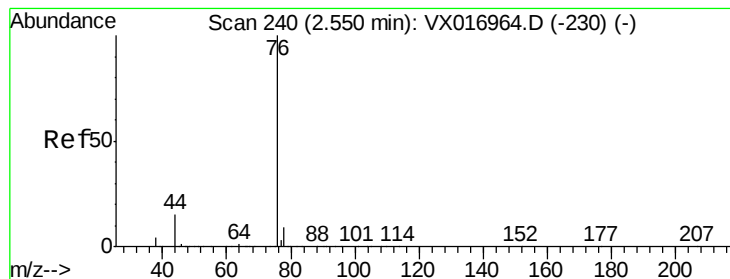
Tgt Ion: 43 Resp: 31491

Ion Ratio Lower Upper

43 100

58 30.5 23.5 35.3





#17

Carbon Disulfide

Concen: 5.227 ug/l

RT: 2.55 min Scan# 240

Delta R.T. -0.00 min

Lab File: VX016962.D

Acq: 25 Jun 2020 19:15

Instrument :

MSVOA_X

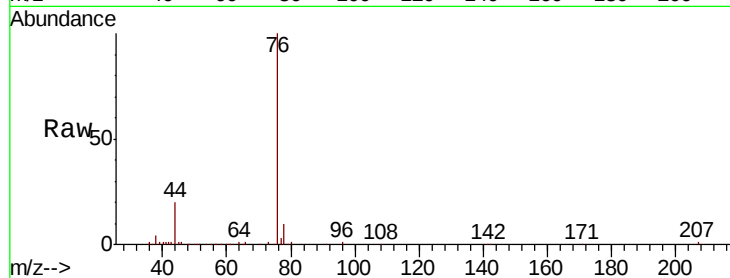
ClientSampleId :

Tot Ion: 76 Resp: 36454

Ion Ratio Lower Upper

76 100

78 9.8 7.0 10.4



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

25000

20000

15000

10000

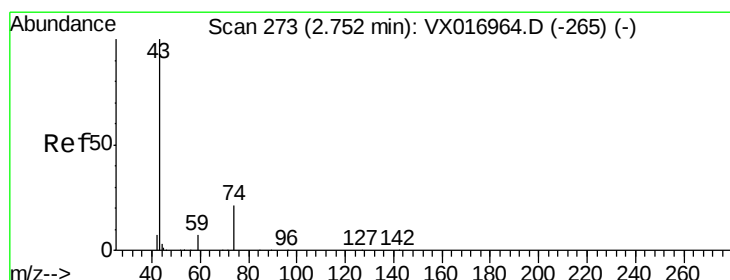
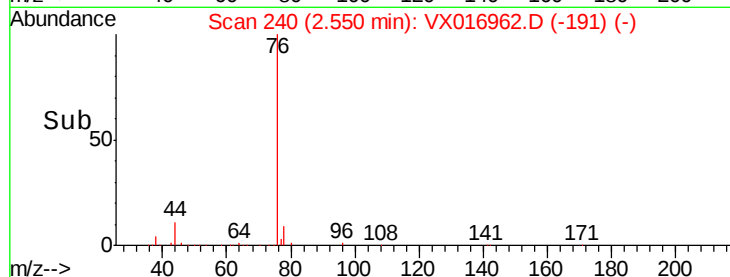
5000

0

Time-->

2.45 2.50 2.55 2.60 2.65

2.55



#18

Methyl Acetate

Concen: 4.517 ug/l

RT: 2.75 min Scan# 273

Delta R.T. -0.00 min

Lab File: VX016962.D

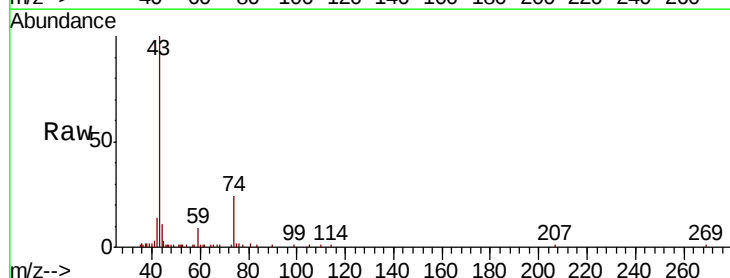
Acq: 25 Jun 2020 19:15

Tgt Ion: 43 Resp: 14307

Ion Ratio Lower Upper

43 100

74 25.0 18.3 27.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

10000

8000

6000

4000

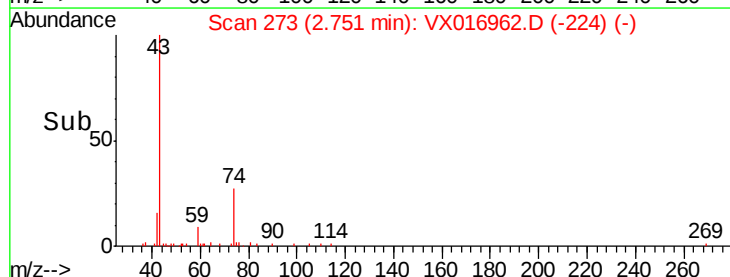
2000

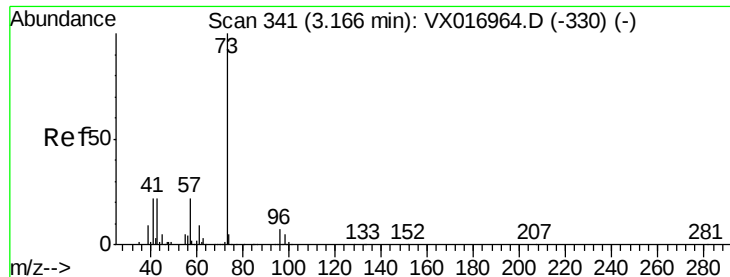
0

Time-->

2.65 2.70 2.75 2.80 2.85

2.75



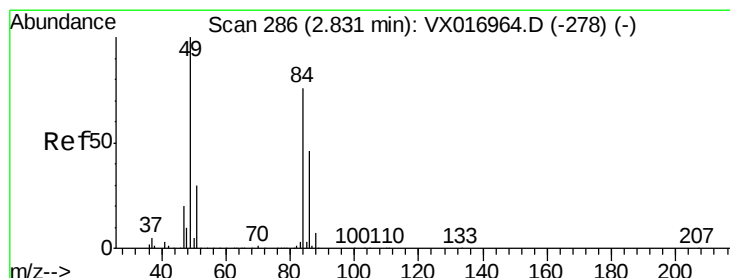
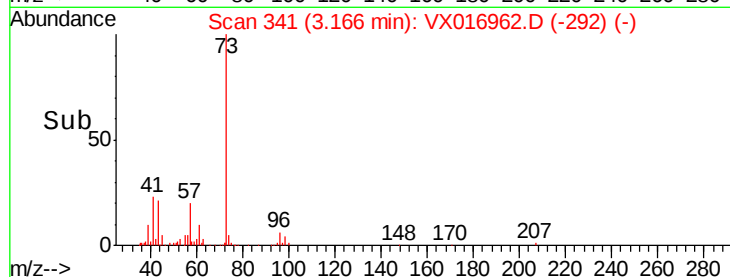
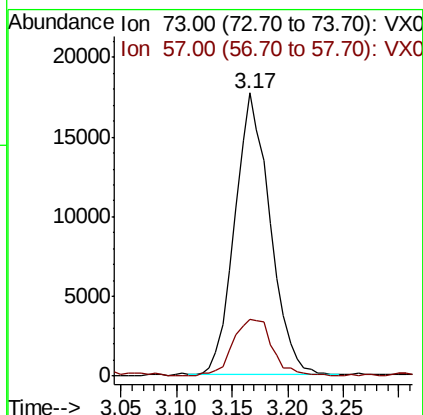
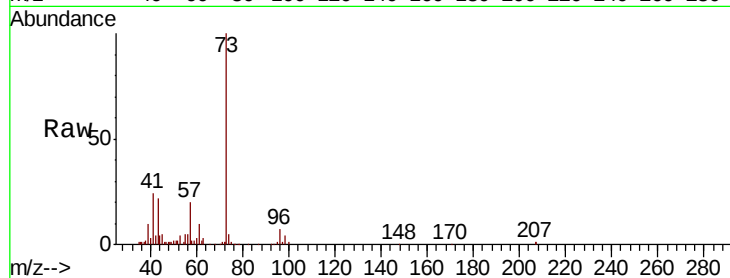


#19

Methyl tert-butyl Ether
 Concen: 4.798 ug/l
 RT: 3.17 min Scan# 341
 Delta R.T. -0.00 min
 Lab File: VX016962.D
 Acq: 25 Jun 2020 19:15

Instrument :
 MSVOA_X
 ClientSampleId :

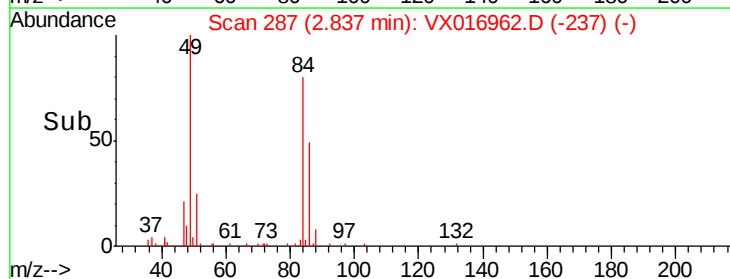
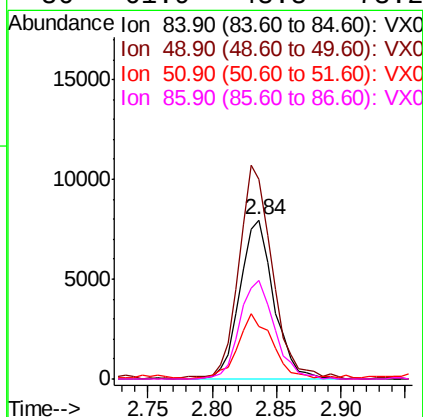
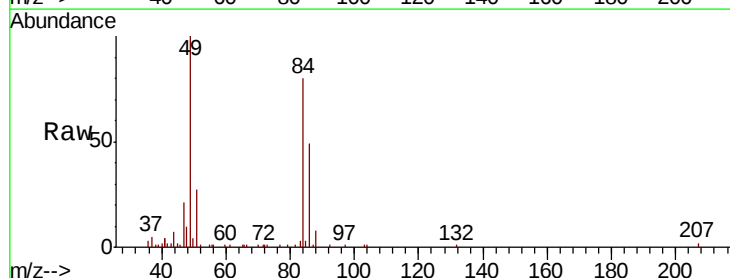
Tot Ion: 73 Resp: 39000
 Ion Ratio Lower Upper
 73 100
 57 20.2 17.8 26.8

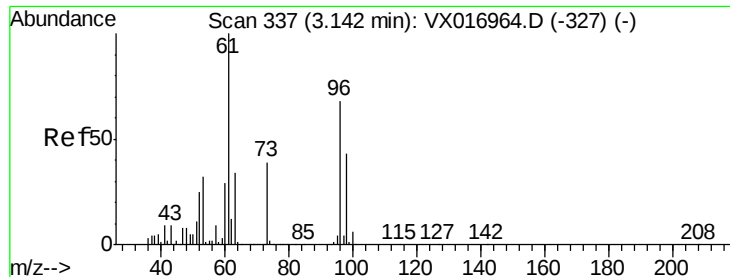


#20

Methylene Chloride
 Concen: 5.500 ug/l
 RT: 2.84 min Scan# 287
 Delta R.T. 0.01 min
 Lab File: VX016962.D
 Acq: 25 Jun 2020 19:15

Tgt Ion: 84 Resp: 14487
 Ion Ratio Lower Upper
 84 100
 49 124.0 105.6 158.4
 51 33.2 31.2 46.8
 86 61.9 48.8 73.2





#21

trans-1,2-Dichloroethene

Concen: 5.117 ug/l

RT: 3.14 min Scan# 337

Delta R.T. -0.00 min

Lab File: VX016962.D

Acq: 25 Jun 2020 19:15

Instrument :

MSVOA_X

ClientSampleId :

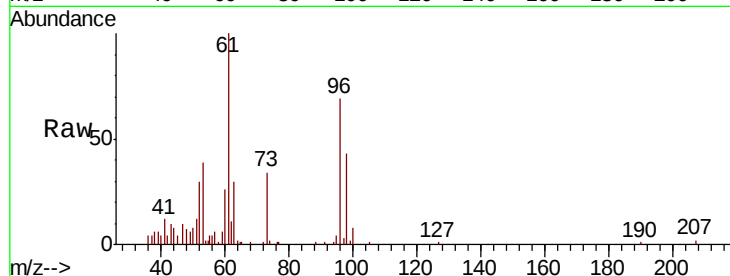
Tot Ion: 96 Resp: 12974

Ion Ratio Lower Upper

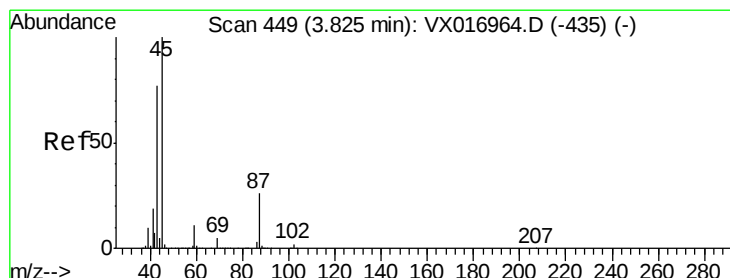
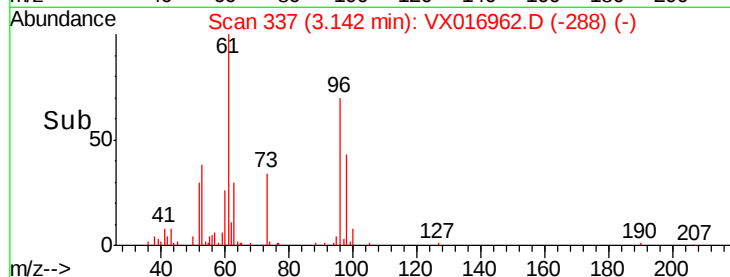
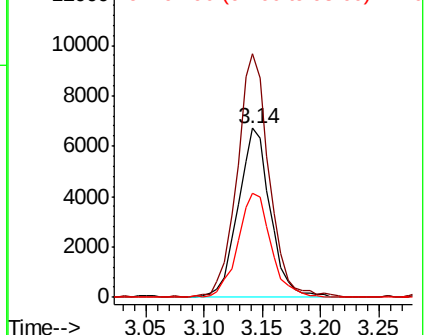
96 100

61 143.9 116.7 175.1

98 61.4 50.7 76.1



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: 5.091 ug/l

RT: 3.83 min Scan# 450

Delta R.T. 0.01 min

Lab File: VX016962.D

Acq: 25 Jun 2020 19:15

Tgt Ion: 45 Resp: 40881

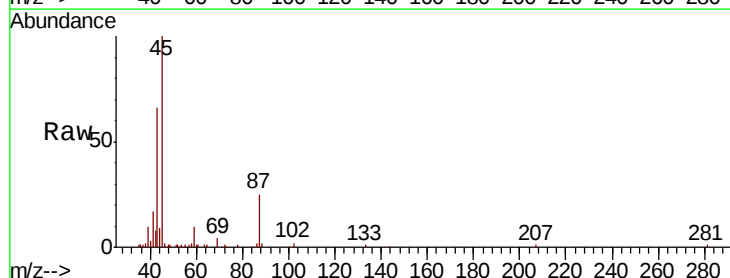
Ion Ratio Lower Upper

45 100

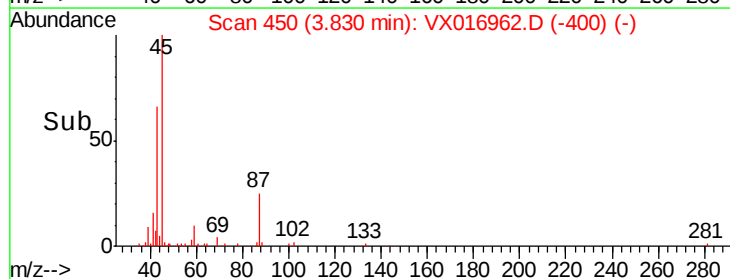
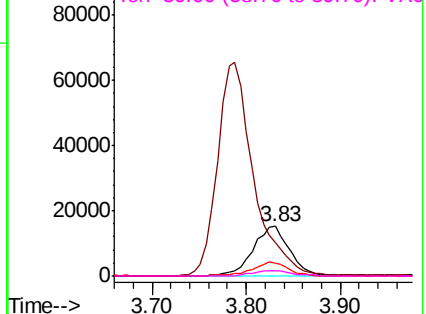
43 64.1 62.7 94.1

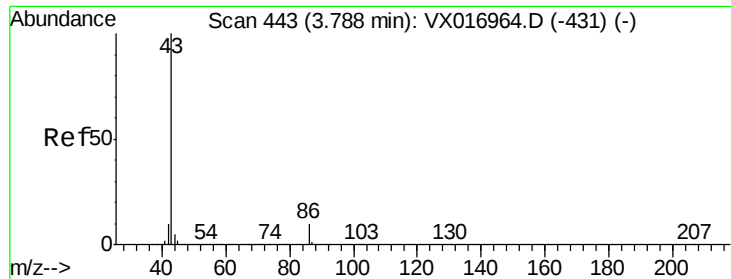
87 25.5 21.0 31.4

59 9.5 9.0 13.6



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: 26.383 ug/l

RT: 3.79 min Scan# 443

Delta R.T. -0.00 min

Lab File: VX016962.D

Acq: 25 Jun 2020 19:15

Instrument :

MSVOA_X

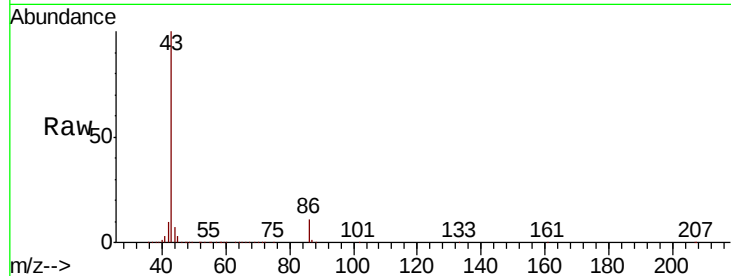
ClientSampleId :

Tot Ion: 43 Resp: 175124

Ion Ratio Lower Upper

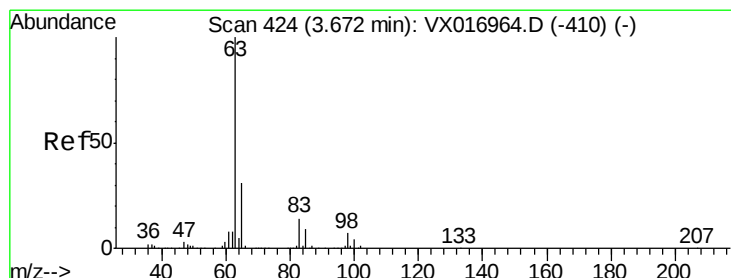
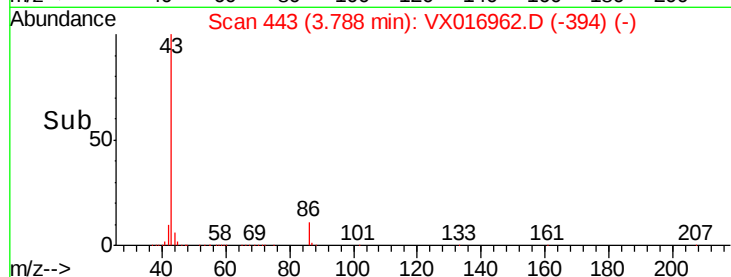
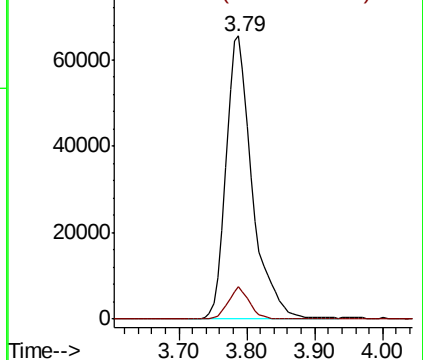
43 100

86 11.4 8.2 12.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 5.248 ug/l

RT: 3.67 min Scan# 423

Delta R.T. -0.01 min

Lab File: VX016962.D

Acq: 25 Jun 2020 19:15

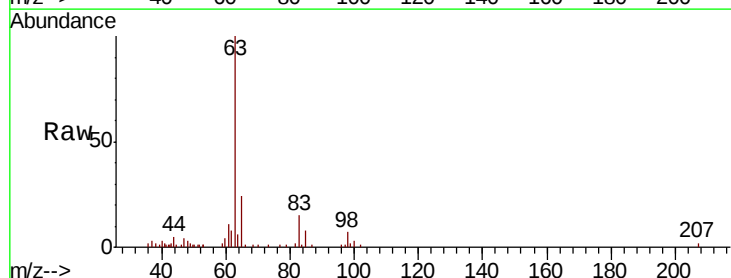
Tgt Ion: 63 Resp: 23905

Ion Ratio Lower Upper

63 100

98 6.9 3.6 10.8

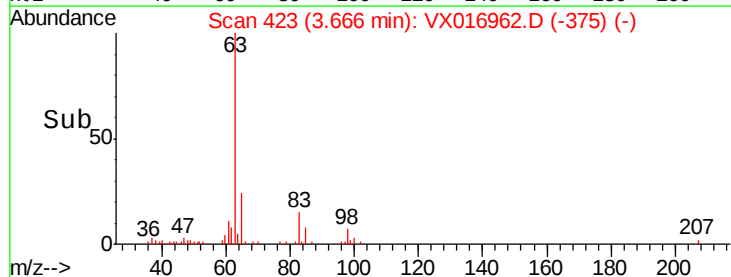
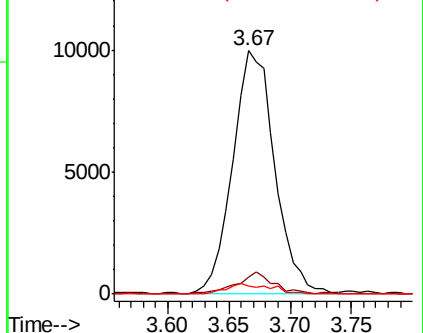
100 3.4 2.1 6.3

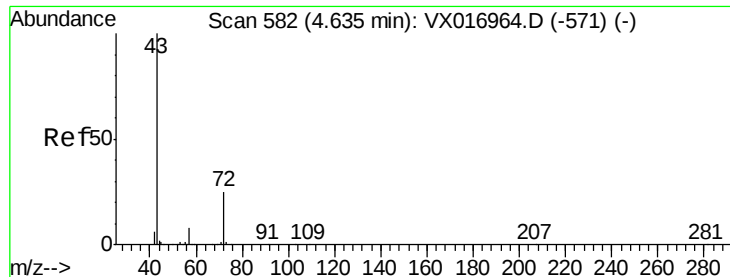


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 25.956 ug/l

RT: 4.64 min Scan# 583

Delta R.T. 0.01 min

Lab File: VX016962.D

Acq: 25 Jun 2020 19:15

Instrument :

MSVOA_X

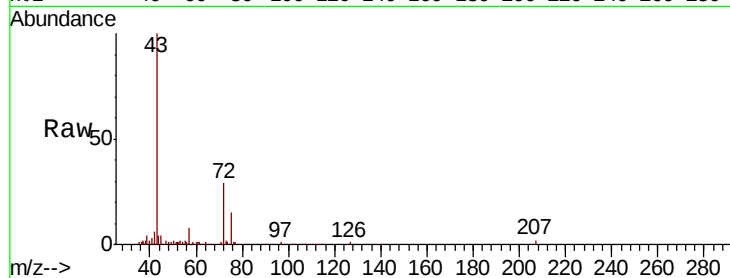
ClientSampleId :

Tot Ion: 43 Resp: 45441

Ion Ratio Lower Upper

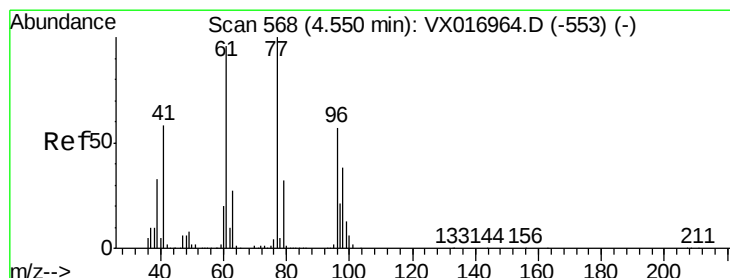
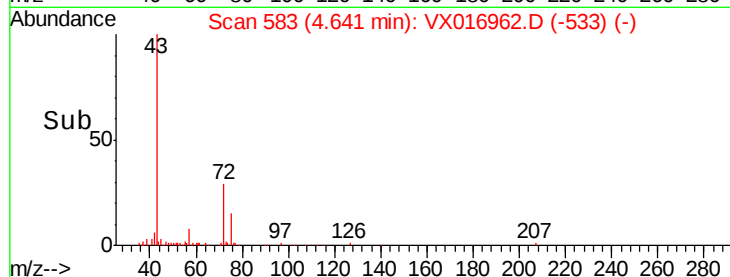
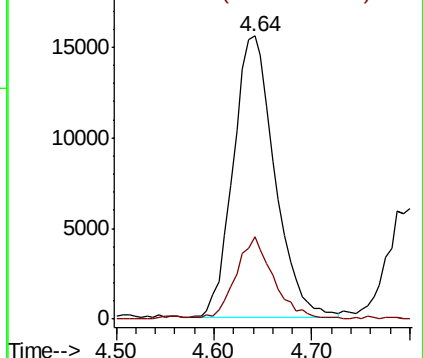
43 100

72 28.8 20.0 30.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 4.786 ug/l

RT: 4.55 min Scan# 568

Delta R.T. -0.00 min

Lab File: VX016962.D

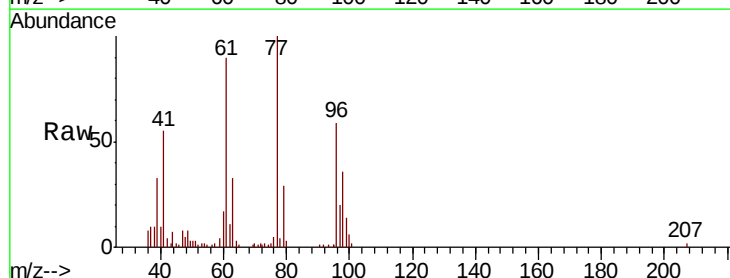
Acq: 25 Jun 2020 19:15

Tgt Ion: 77 Resp: 19015

Ion Ratio Lower Upper

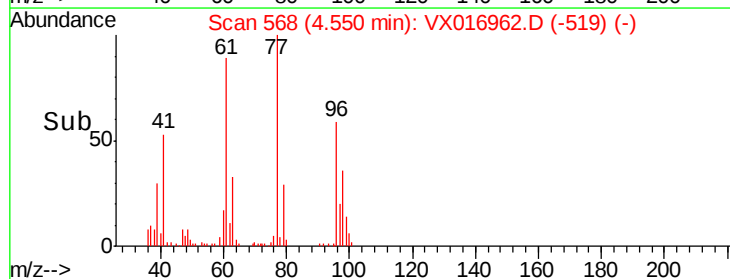
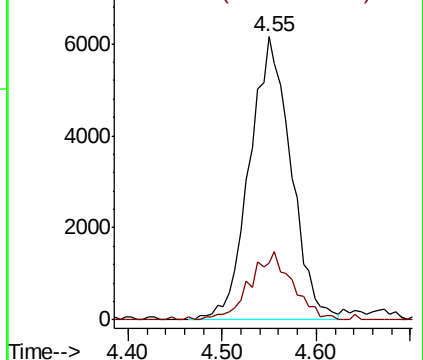
77 100

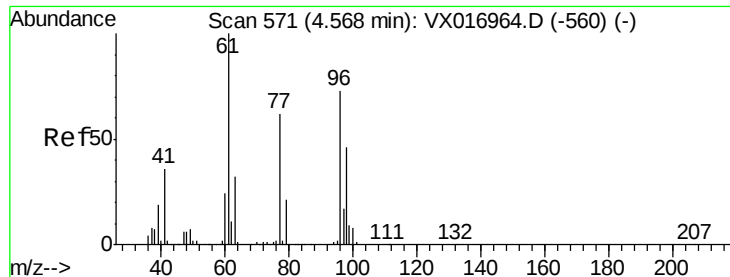
97 24.4 11.2 33.5



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0



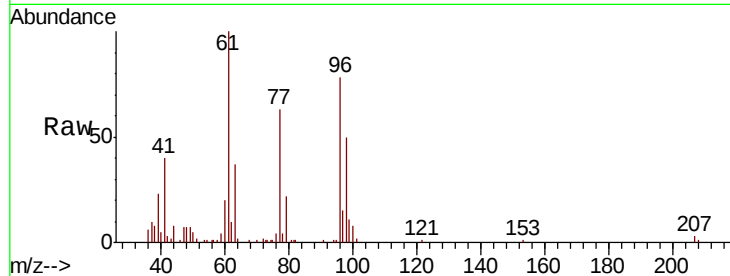


#27

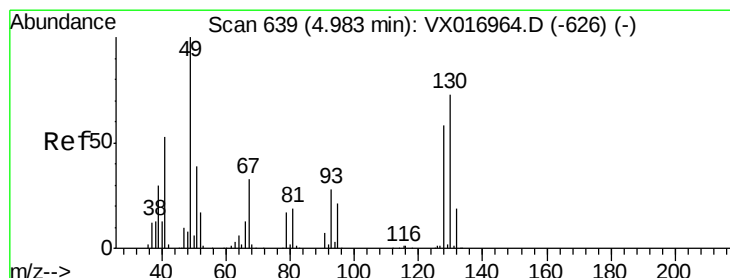
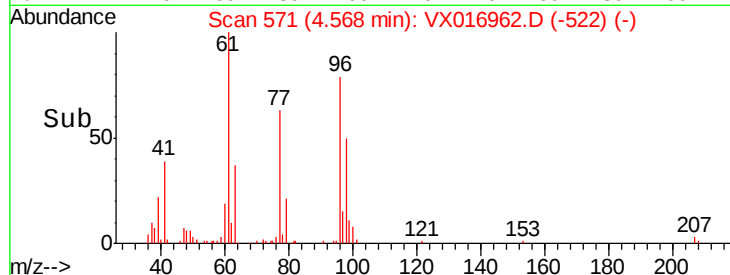
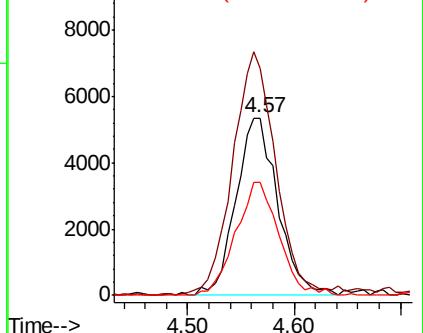
cis-1,2-Dichloroethene
Concen: 5.153 ug/l
RT: 4.57 min Scan# 571
Delta R.T. -0.00 min
Lab File: VX016962.D
Acq: 25 Jun 2020 19:15

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 96 Resp: 14733
Ion Ratio Lower Upper
96 100
61 141.4 0.0 307.2
98 65.6 0.0 128.4



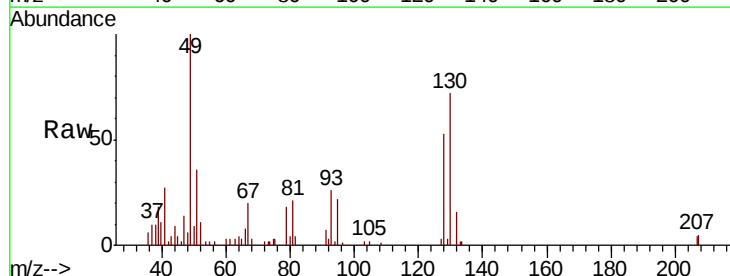
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



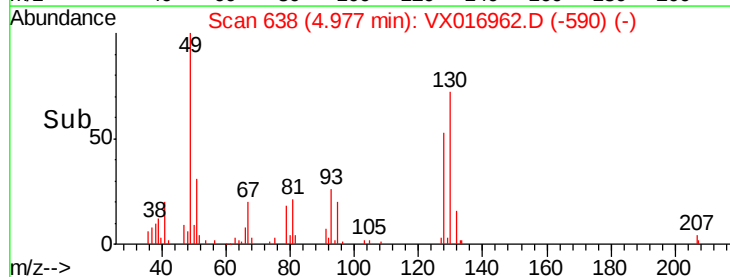
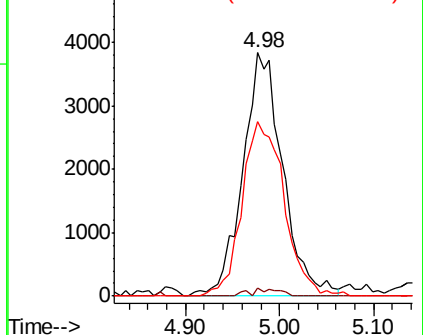
#28

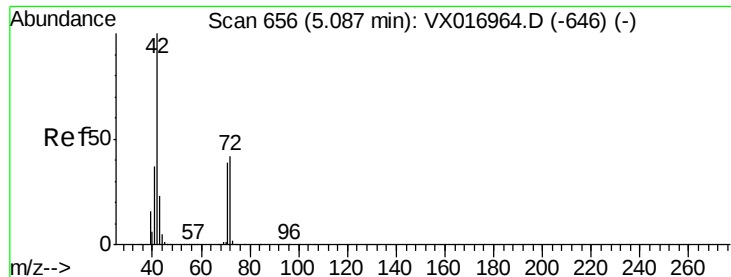
Bromochloromethane
Concen: 5.678 ug/l
RT: 4.98 min Scan# 638
Delta R.T. -0.01 min
Lab File: VX016962.D
Acq: 25 Jun 2020 19:15

Tgt Ion: 49 Resp: 11446
Ion Ratio Lower Upper
49 100
129 1.7 0.0 4.4
130 75.3 58.7 88.1



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

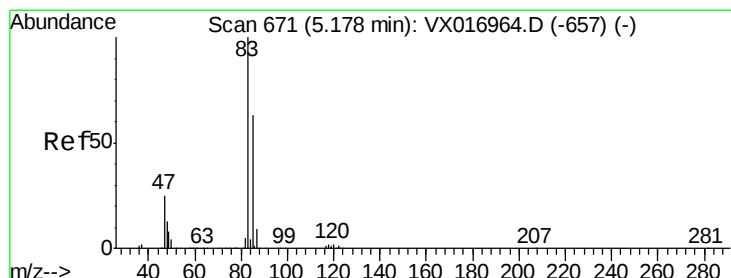
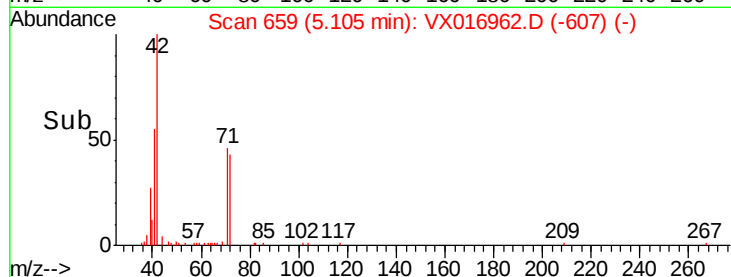
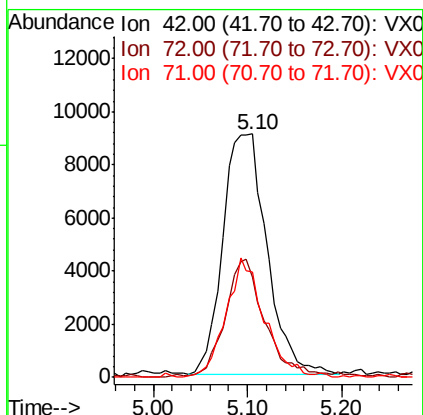
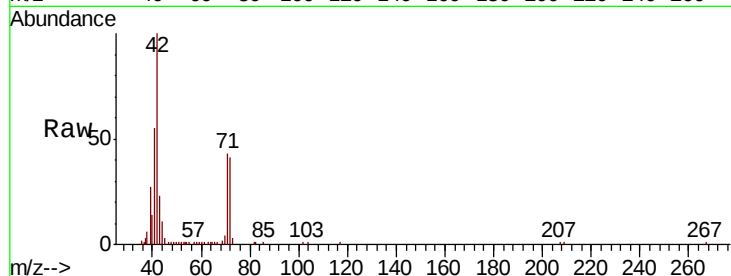




#29
Tetrahydrofuran
Concen: 25.611 ug/l
RT: 5.10 min Scan# 659
Delta R.T. 0.02 min
Lab File: VX016962.D
Acq: 25 Jun 2020 19:15

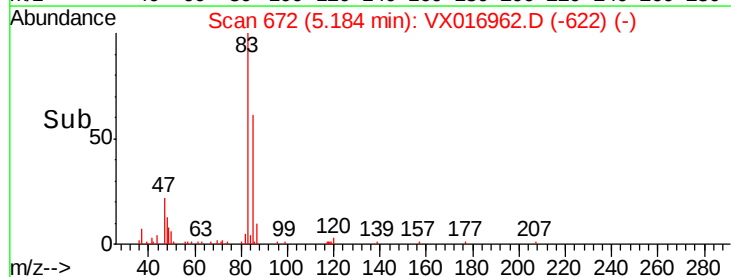
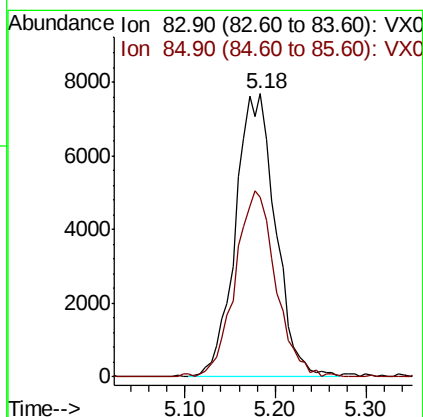
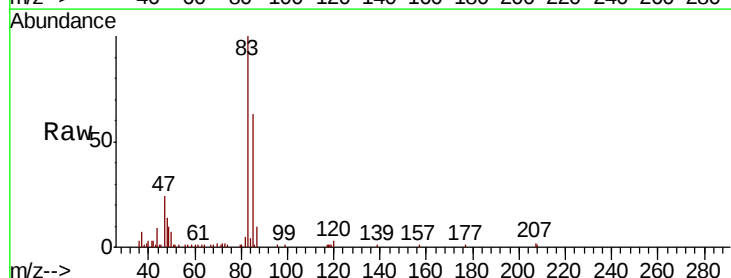
Instrument :
MSVOA_X
ClientSampleId :

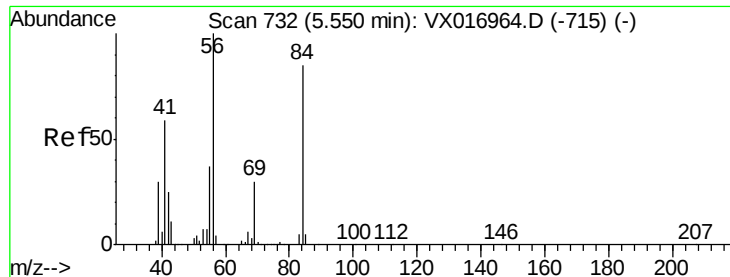
Tot Ion: 42 Resp: 29676
Ion Ratio Lower Upper
42 100
72 42.1 34.1 51.1
71 42.9 32.1 48.1



#30
Chloroform
Concen: 5.207 ug/l
RT: 5.18 min Scan# 672
Delta R.T. 0.01 min
Lab File: VX016962.D
Acq: 25 Jun 2020 19:15

Tgt Ion: 83 Resp: 23510
Ion Ratio Lower Upper
83 100
85 62.8 50.7 76.1

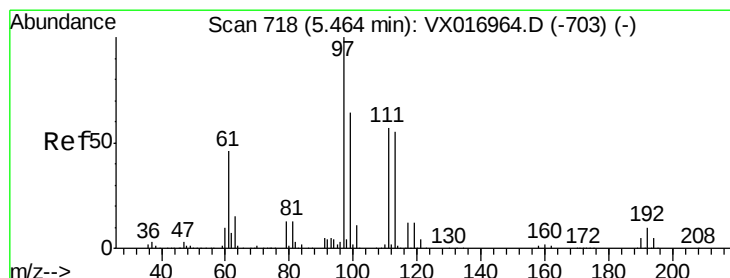
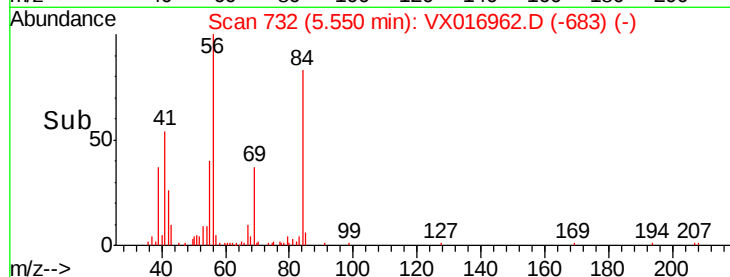
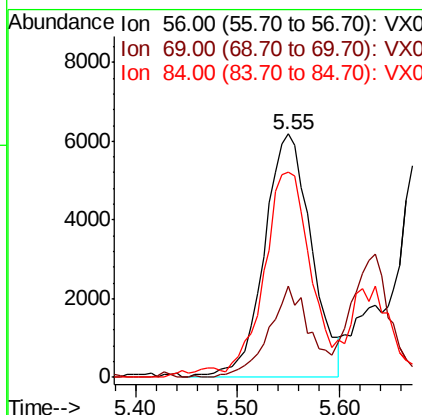
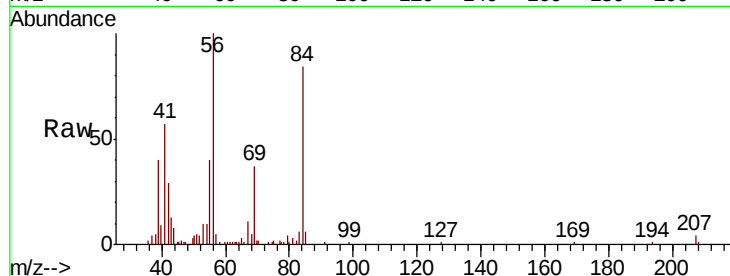




#31
Cyclohexane
Concen: 4.696 ug/l
RT: 5.55 min Scan# 732
Delta R.T. -0.00 min
Lab File: VX016962.D
Acq: 25 Jun 2020 19:15

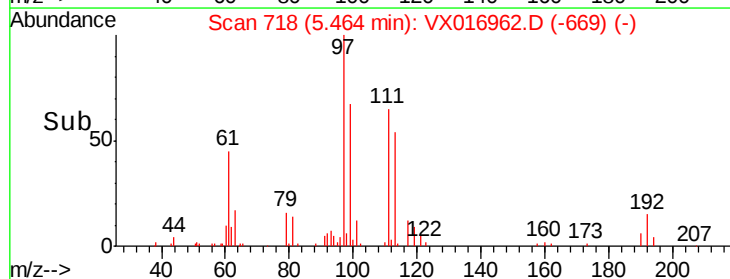
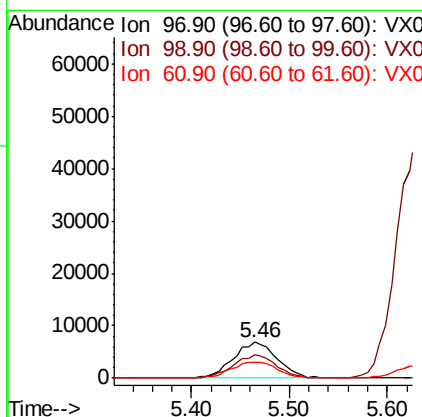
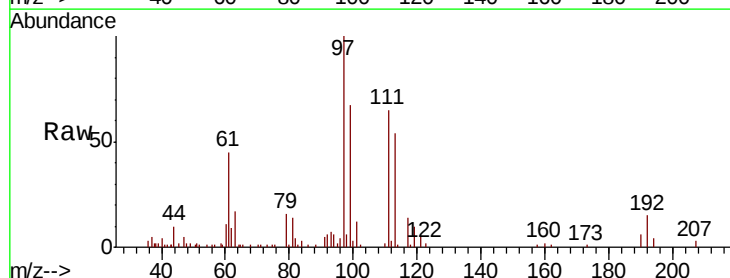
Instrument :
MSVOA_X
ClientSampleId :

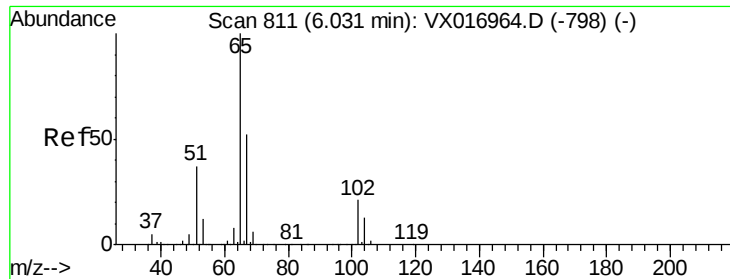
Tot Ion: 56 Resp: 19811
Ion Ratio Lower Upper
56 100
69 37.2 23.6 35.4#
84 82.9 67.8 101.8



#32
1,1,1-Trichloroethane
Concen: 5.239 ug/l
RT: 5.46 min Scan# 718
Delta R.T. -0.00 min
Lab File: VX016962.D
Acq: 25 Jun 2020 19:15

Tgt Ion: 97 Resp: 21359
Ion Ratio Lower Upper
97 100
99 63.0 51.4 77.2
61 47.7 37.0 55.4





#33

1,2-Dichloroethane-d4

Concen: 5.491 ug/l

RT: 6.03 min Scan# 811

Delta R.T. -0.00 min

Lab File: VX016962.D

Acq: 25 Jun 2020 19:15

Instrument :

MSVOA_X

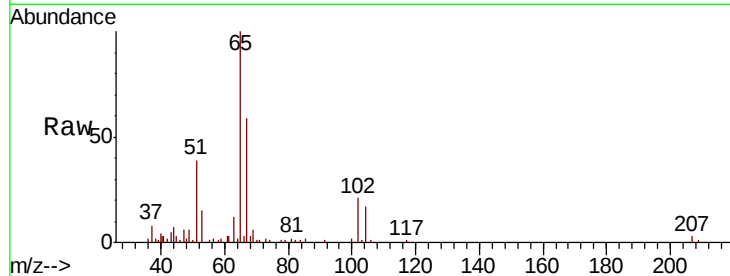
ClientSampleId :

Tot Ion: 65 Resp: 15878

Ion Ratio Lower Upper

65 100

67 56.1 0.0 102.8



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.03

6000

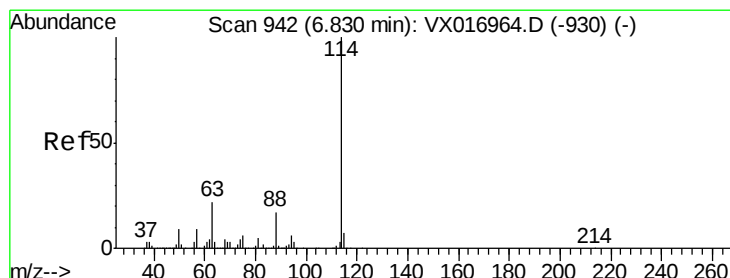
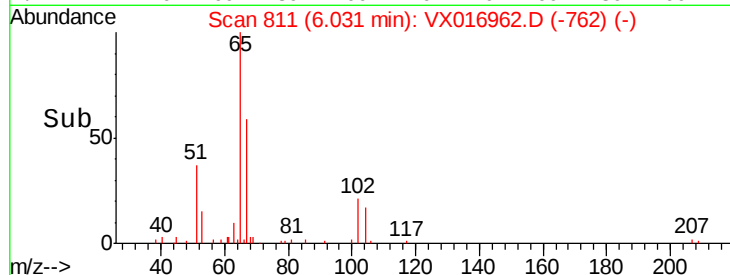
4000

2000

0

5.90 6.00 6.10

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. -0.00 min

Lab File: VX016962.D

Acq: 25 Jun 2020 19:15

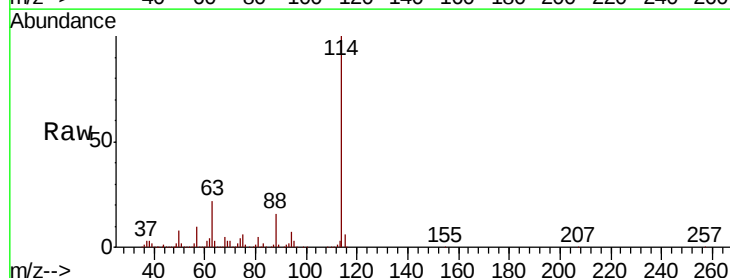
Tgt Ion: 114 Resp: 346572

Ion Ratio Lower Upper

114 100

63 22.3 0.0 44.4

88 15.8 0.0 33.2



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

200000

150000

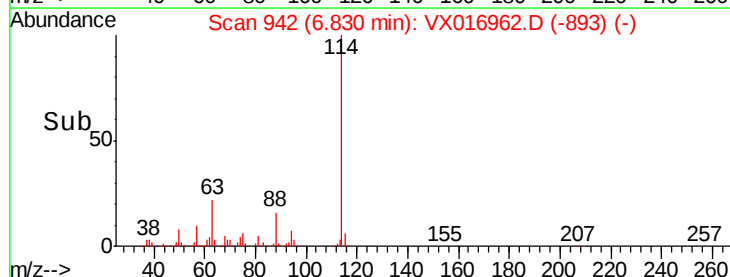
100000

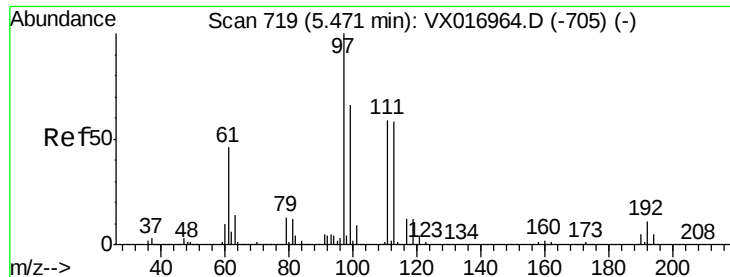
50000

0

6.70 6.80 6.90 7.00

Time-->

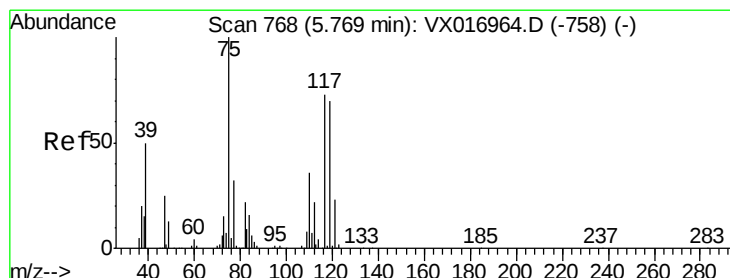
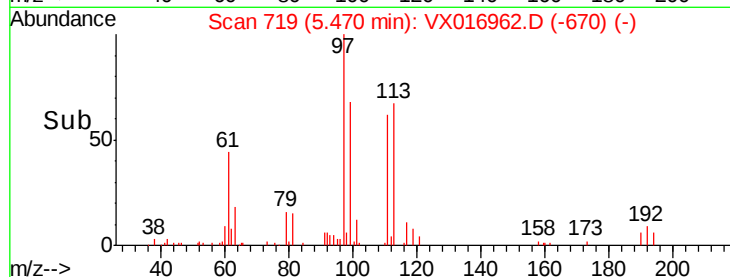
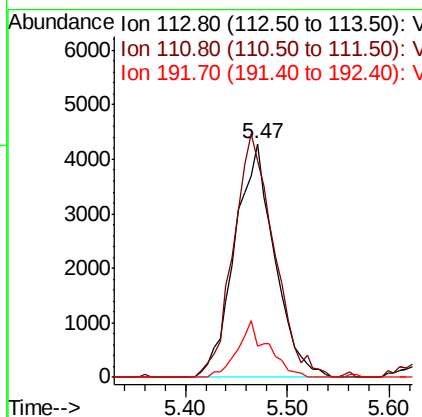
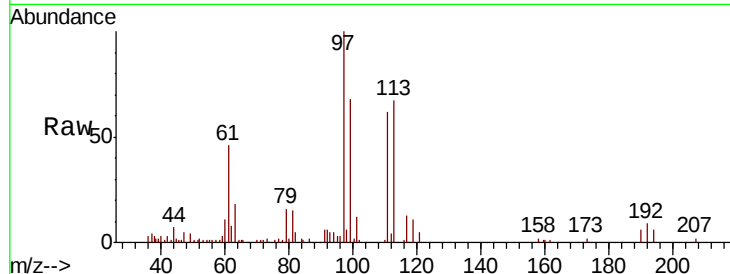




#35
 Dibromofluoromethane
 Concen: 5.979 ug/l
 RT: 5.47 min Scan# 719
 Delta R.T. -0.00 min
 Lab File: VX016962.D
 Acq: 25 Jun 2020 19:15

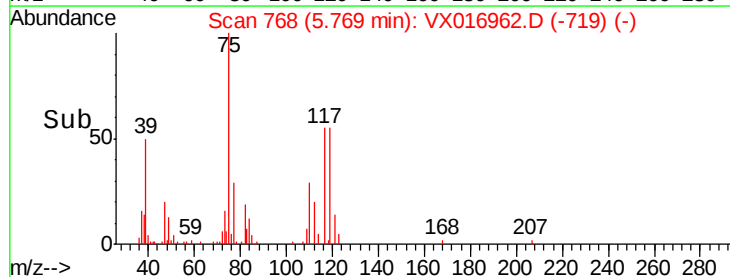
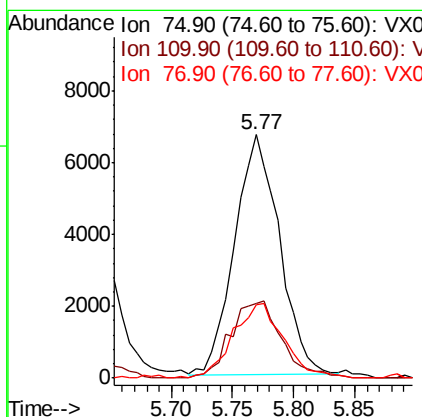
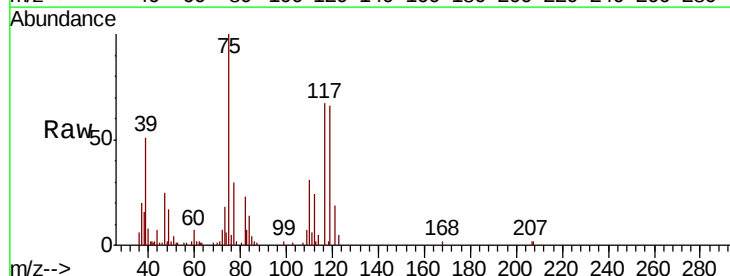
Instrument :
 MSVOA_X
 ClientSampleId :

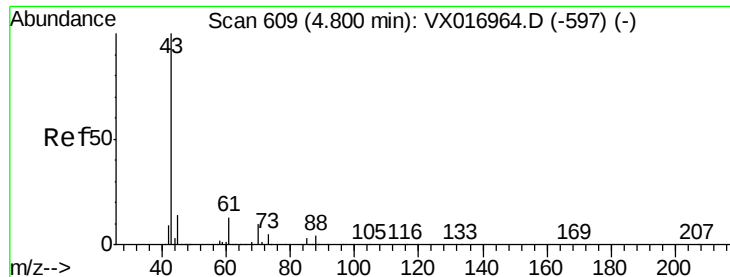
Tot Ion	Ratio	Lower	Upper
113	100		
111	106.3	84.3	126.5
192	18.5	15.2	22.8



#36
 1,1-Dichloropropene
 Concen: 5.083 ug/l
 RT: 5.77 min Scan# 768
 Delta R.T. -0.00 min
 Lab File: VX016962.D
 Acq: 25 Jun 2020 19:15

Tgt Ion	Ratio	Lower	Upper
75	100		
110	36.8	17.2	51.6
77	35.4	24.7	37.1

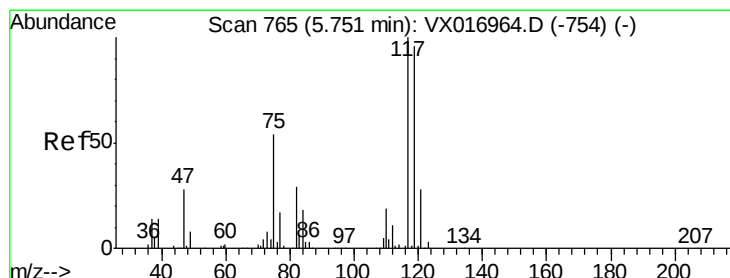
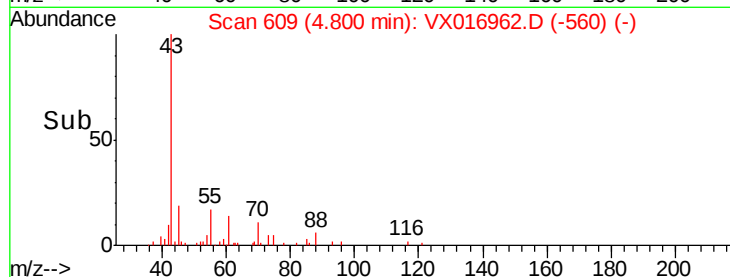
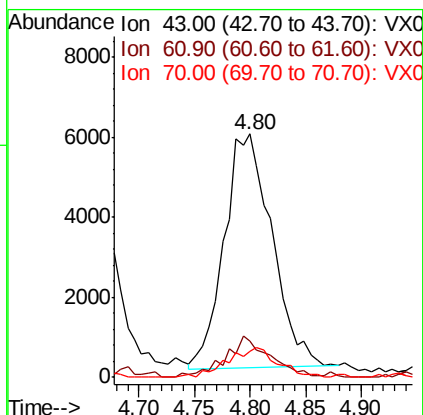
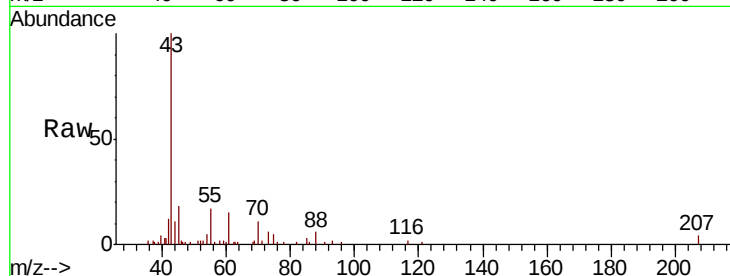




#37
Ethyl Acetate
Concen: 5.112 ug/l
RT: 4.80 min Scan# 609
Delta R.T. -0.00 min
Lab File: VX016962.D
Acq: 25 Jun 2020 19:15

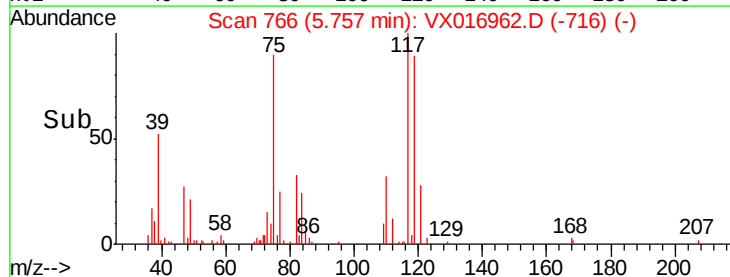
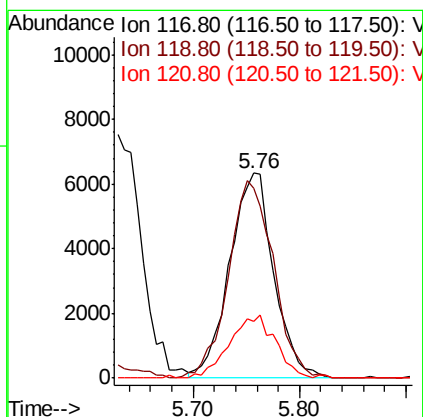
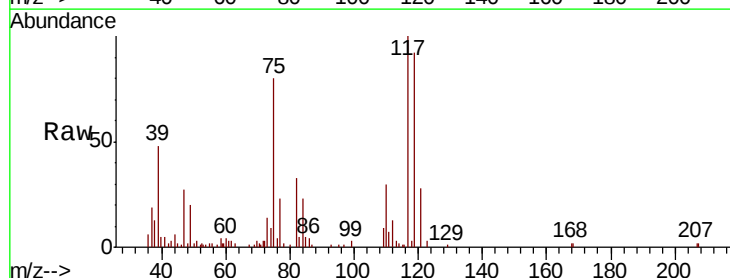
Instrument :
MSVOA_X
ClientSampleId :

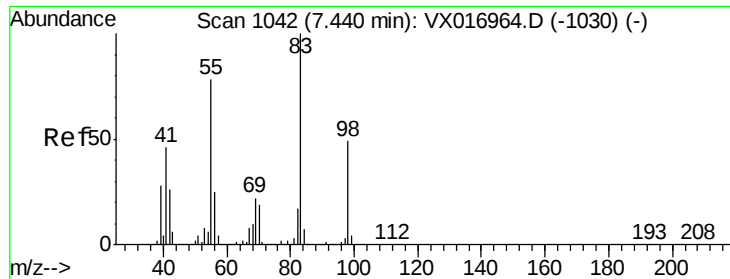
Tot Ion: 43 Resp: 17338
Ion Ratio Lower Upper
43 100
61 16.8 10.8 16.2#
70 13.3 8.0 12.0#



#38
Carbon Tetrachloride
Concen: 5.887 ug/l
RT: 5.76 min Scan# 766
Delta R.T. 0.01 min
Lab File: VX016962.D
Acq: 25 Jun 2020 19:15

Tgt Ion: 117 Resp: 18426
Ion Ratio Lower Upper
117 100
119 92.4 76.6 114.8
121 28.0 22.5 33.7

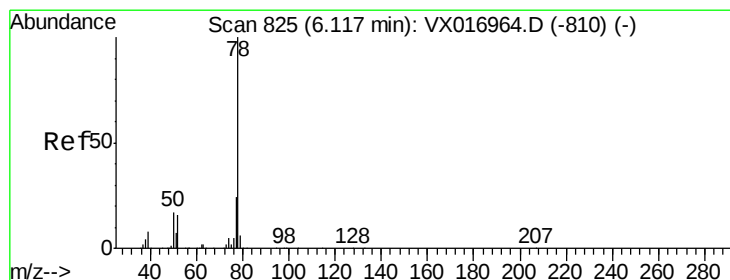
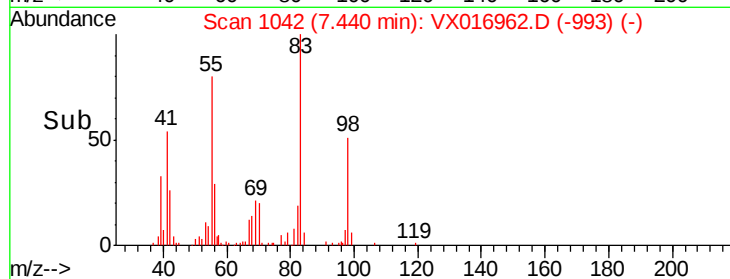
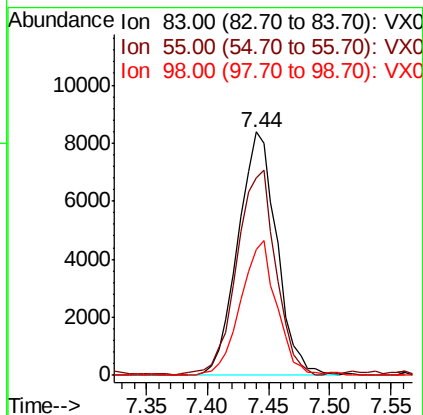
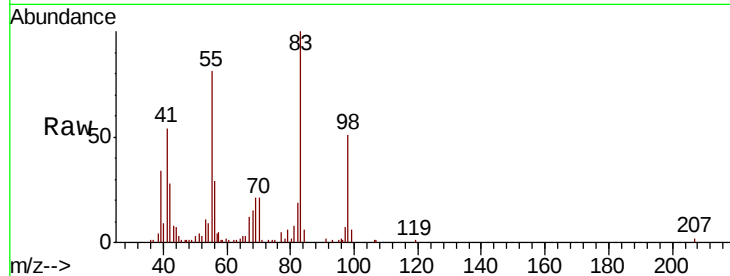




#39
Methvlcvclohexane
Concen: 4.636 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. -0.00 min
Lab File: VX016962.D
Acq: 25 Jun 2020 19:15

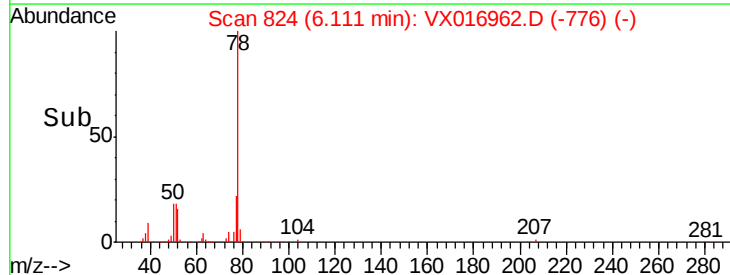
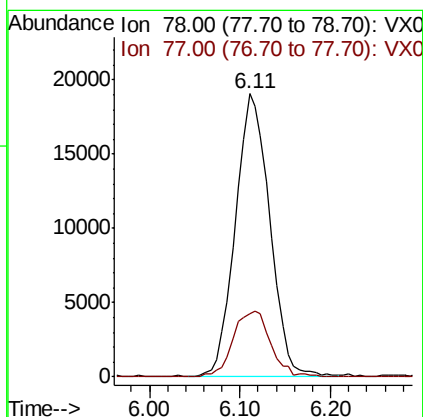
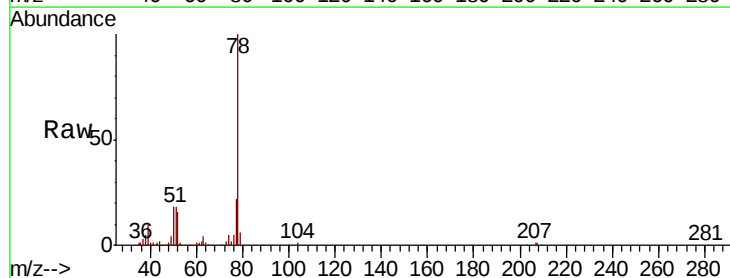
Instrument :
MSVOA_X
ClientSampled :

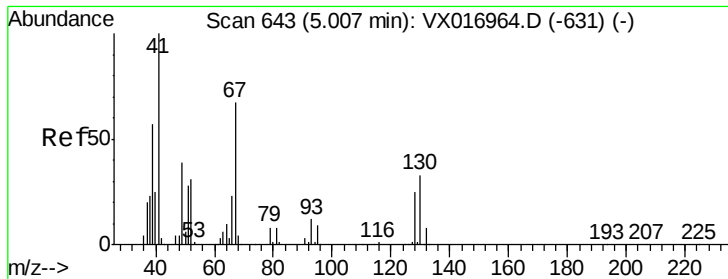
Tot Ion: 83 Resp: 18464
Ion Ratio Lower Upper
83 100
55 80.0 62.4 93.6
98 51.5 39.4 59.0



#40
Benzene
Concen: 5.188 ug/l
RT: 6.11 min Scan# 824
Delta R.T. -0.01 min
Lab File: VX016962.D
Acq: 25 Jun 2020 19:15

Tgt Ion: 78 Resp: 50260
Ion Ratio Lower Upper
78 100
77 22.5 18.9 28.3

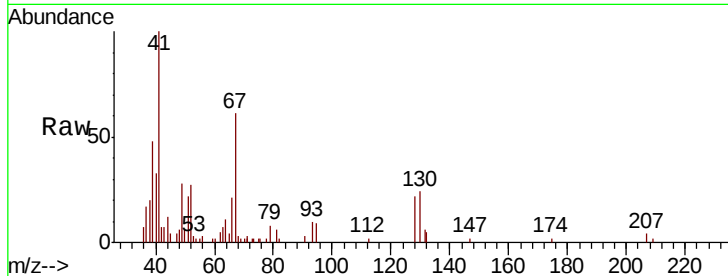




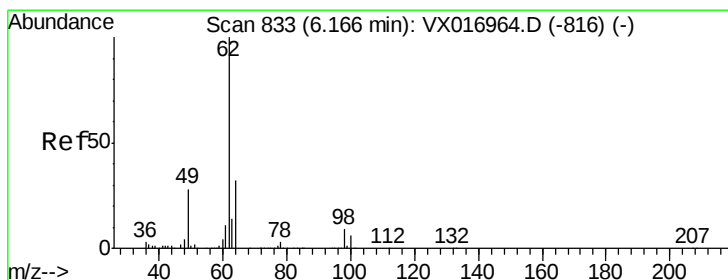
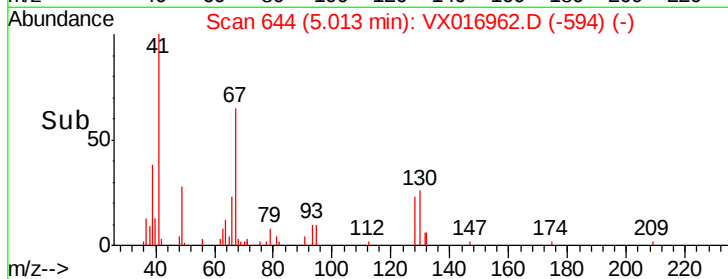
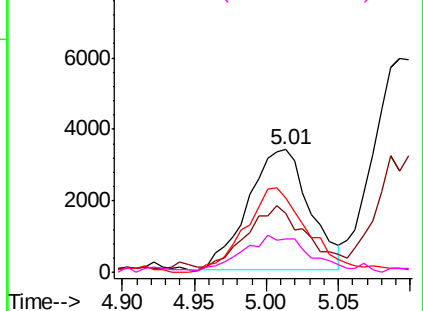
#41
Methacrylonitrile
Concen: 5.211 ug/l
RT: 5.01 min Scan# 644
Delta R.T. 0.01 min
Lab File: VX016962.D
Acq: 25 Jun 2020 19:15

Instrument :
MSVOA_X
ClientSampled :

Tot Ion:	41	Resp:	9951
Ion	Ratio	Lower	Upper
41	100		
39	56.0	46.6	70.0
67	73.5	57.0	85.6
52	33.9	25.0	37.4

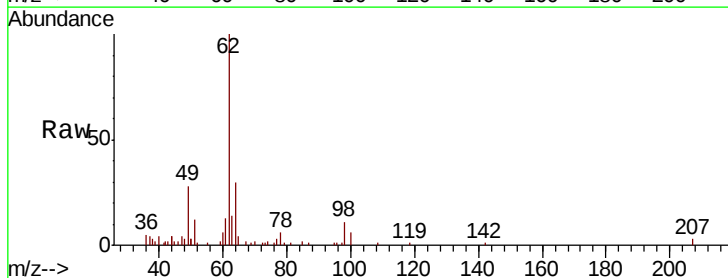


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

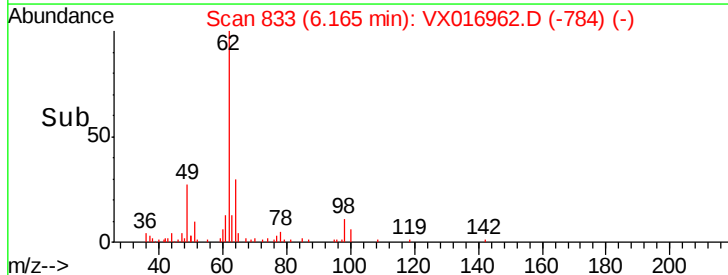
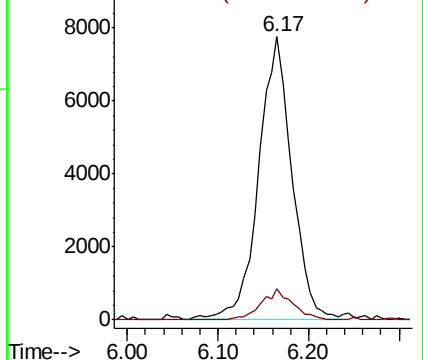


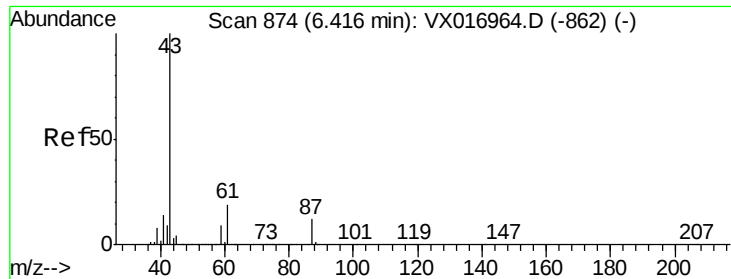
#42
1,2-Dichloroethane
Concen: 5.668 ug/l
RT: 6.17 min Scan# 833
Delta R.T. -0.00 min
Lab File: VX016962.D
Acq: 25 Jun 2020 19:15

Tgt Ion:	62	Resp:	19657
Ion	Ratio	Lower	Upper
62	100		
98	10.3	0.0	17.2



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



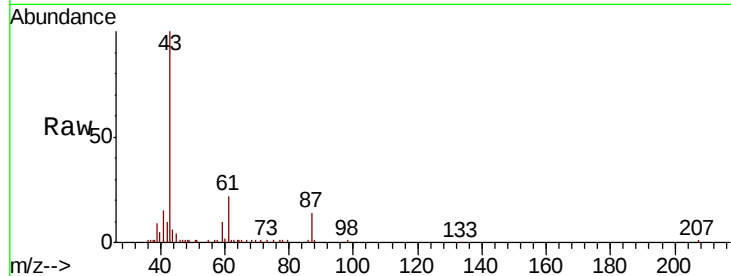


#43

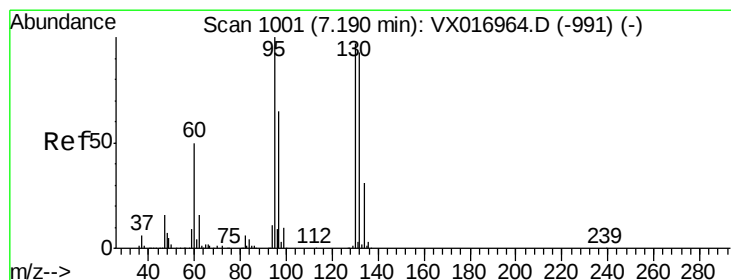
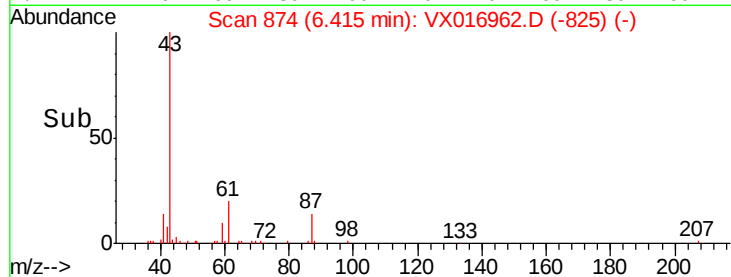
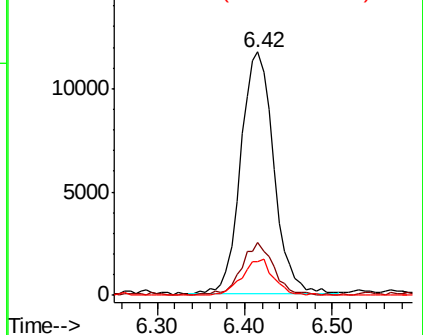
Isopropyl Acetate
 Concen: 5.533 ug/l
 RT: 6.42 min Scan# 874
 Delta R.T. -0.00 min
 Lab File: VX016962.D
 Acq: 25 Jun 2020 19:15

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion	43	Resp	30792
Ion Ratio	Lower	Upper	
43	100		
61	21.1	15.0	22.6
87	14.0	10.0	15.0



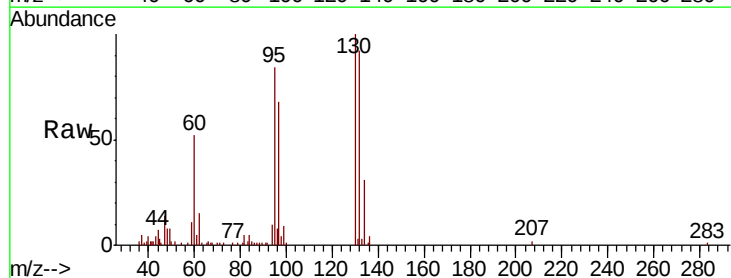
Abundance Ion 43.00 (42.70 to 43.70): VX0
 Ion 61.00 (60.70 to 61.70): VX0
 Ion 87.00 (86.70 to 87.70): VX0



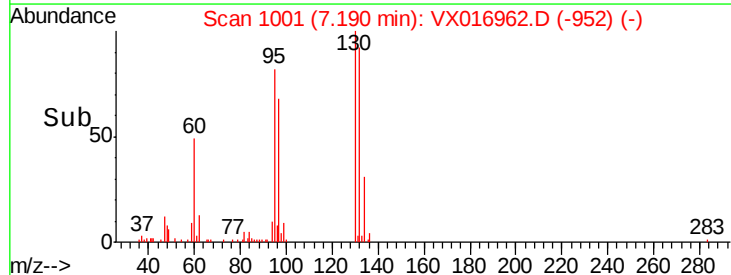
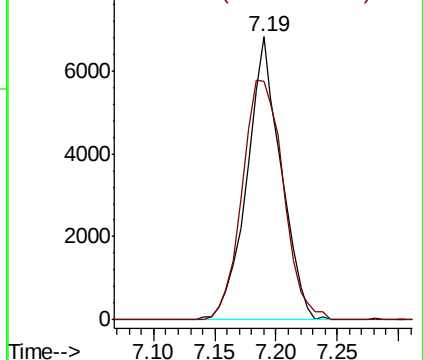
#44

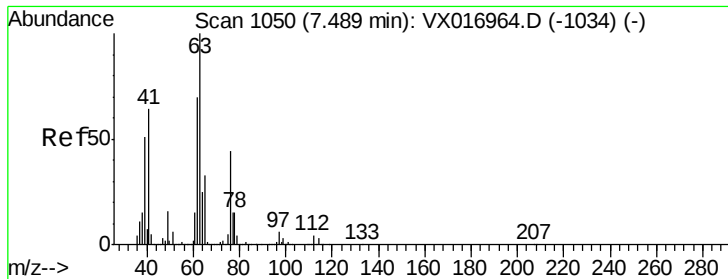
Trichloroethene
 Concen: 4.523 ug/l
 RT: 7.19 min Scan# 1001
 Delta R.T. -0.00 min
 Lab File: VX016962.D
 Acq: 25 Jun 2020 19:15

Tgt Ion	130	Resp	13198
Ion Ratio	Lower	Upper	
130	100		
95	84.2	0.0	206.6



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





#45

1,2-Dichloropropane

Concen: 5.370 ug/l

RT: 7.49 min Scan# 1051

Delta R.T. 0.01 min

Lab File: VX016962.D

Acq: 25 Jun 2020 19:15

Instrument :

MSVOA_X

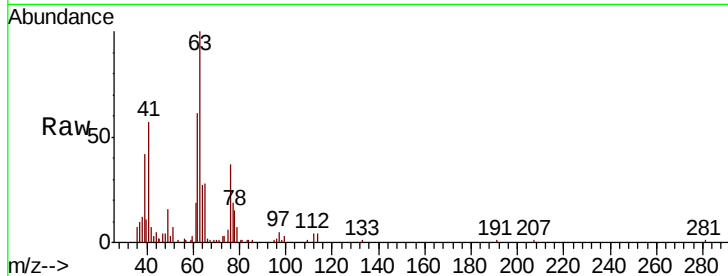
ClientSampleId :

Tot Ion: 63 Resp: 13362

Ion Ratio Lower Upper

63 100

65 28.4 26.1 39.1



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0

7.49

6000

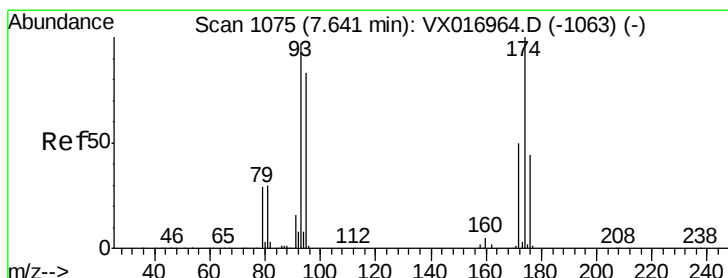
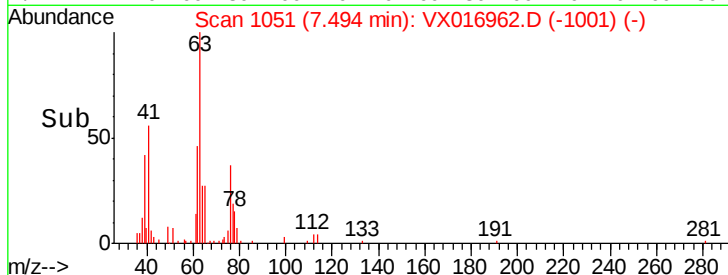
4000

2000

0

7.40 7.50 7.60

Time-->



#46

Dibromomethane

Concen: 5.626 ug/l

RT: 7.64 min Scan# 1075

Delta R.T. -0.00 min

Lab File: VX016962.D

Acq: 25 Jun 2020 19:15

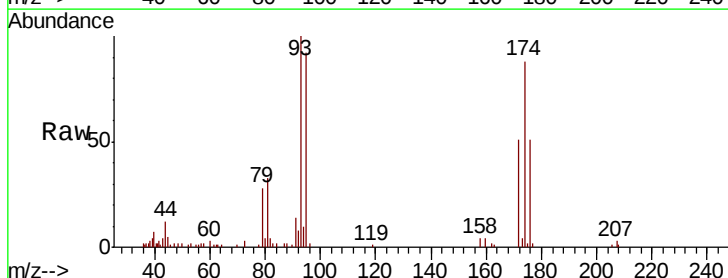
Tgt Ion: 93 Resp: 9384

Ion Ratio Lower Upper

93 100

95 82.3 67.5 101.3

174 88.2 75.0 112.4



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

6000

5000

4000

3000

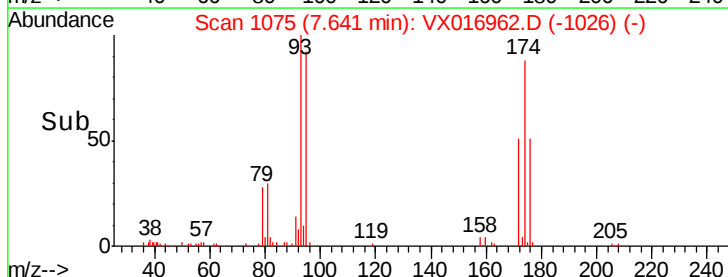
2000

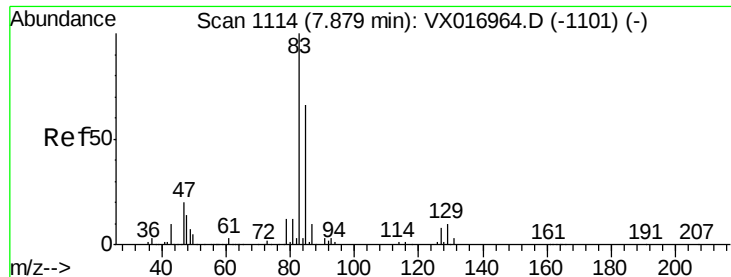
1000

0

7.55 7.60 7.65 7.70

Time-->





#47

Bromodichloromethane

Concen: 5.593 ug/l

RT: 7.87 min Scan# 1113

Delta R.T. -0.01 min

Lab File: VX016962.D

Acq: 25 Jun 2020 19:15

Instrument :

MSVOA_X

ClientSampleId :

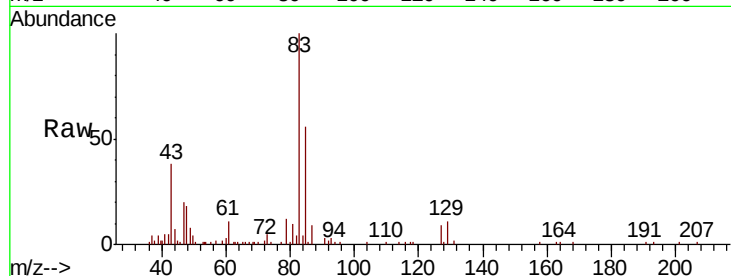
Tot Ion: 83 Resp: 19108

Ion Ratio Lower Upper

83 100

85 56.3 53.1 79.7

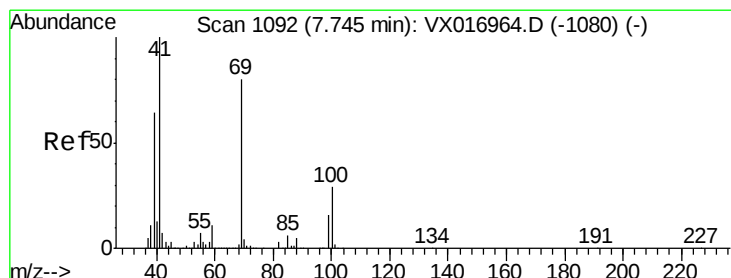
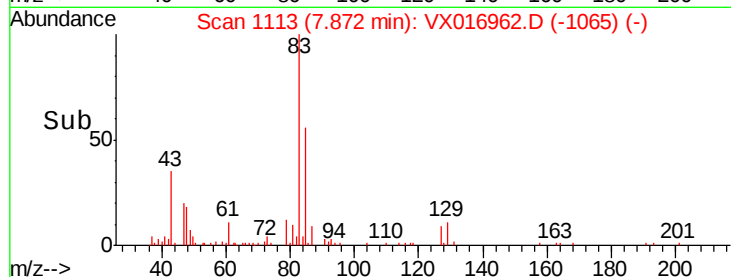
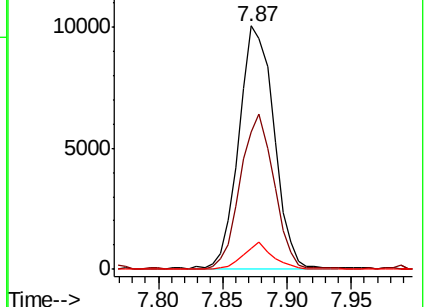
127 8.7 6.8 10.2



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): VX0



#48

Methyl methacrylate

Concen: 4.858 ug/l

RT: 7.75 min Scan# 1093

Delta R.T. 0.01 min

Lab File: VX016962.D

Acq: 25 Jun 2020 19:15

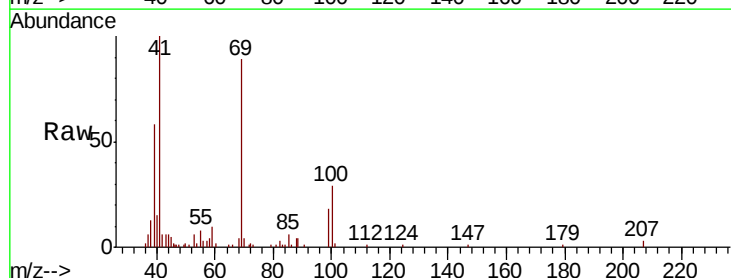
Tgt Ion: 41 Resp: 13281

Ion Ratio Lower Upper

41 100

69 89.1 62.7 94.1

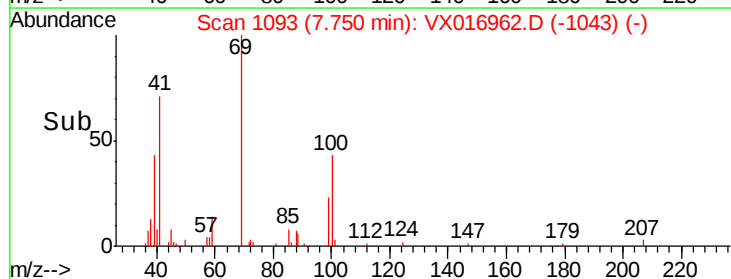
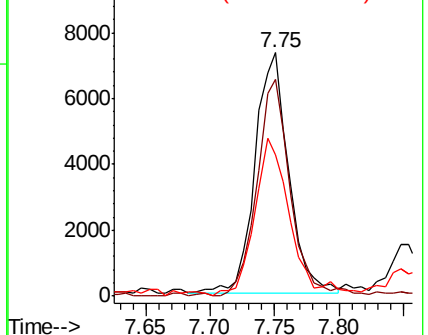
39 66.1 49.6 74.4

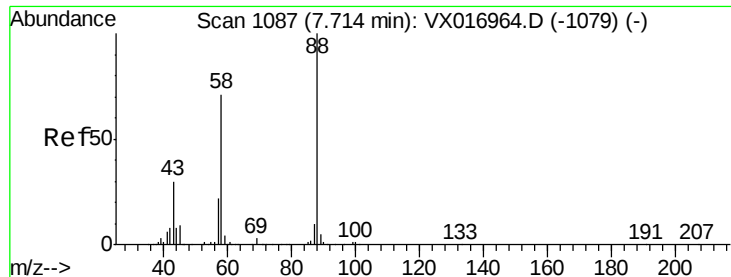


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

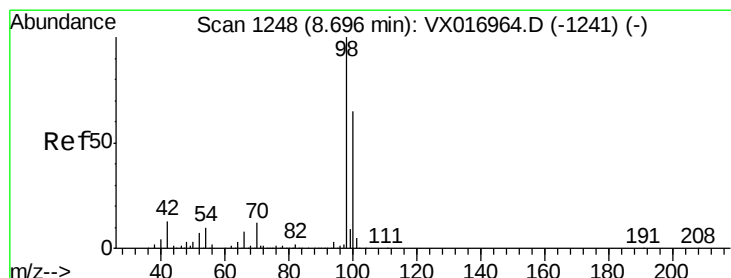
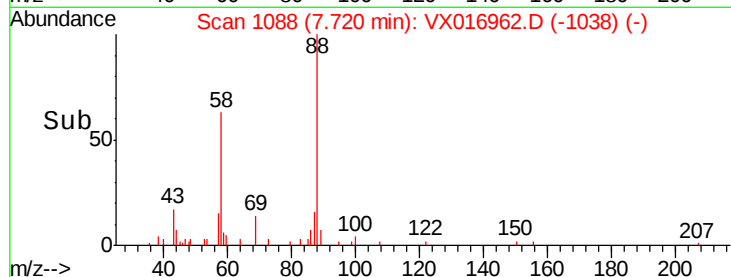
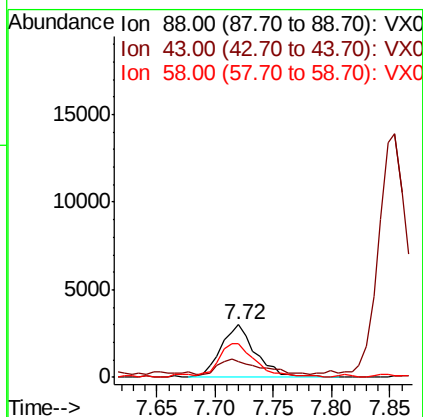
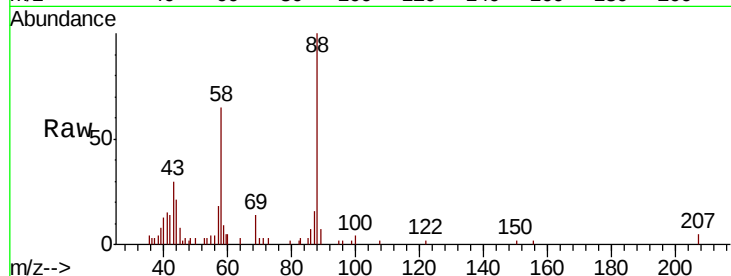




#49
1,4-Dioxane
Concen: 103.741 ug/l
RT: 7.72 min Scan# 1088
Delta R.T. 0.01 min
Lab File: VX016962.D
Acq: 25 Jun 2020 19:15

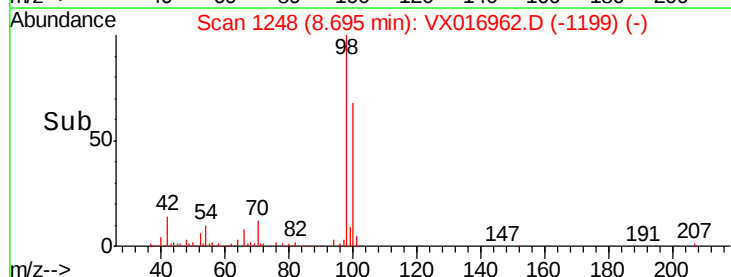
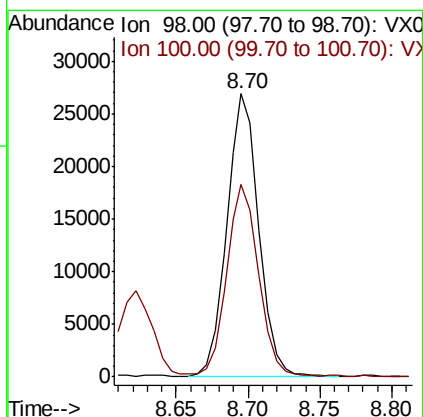
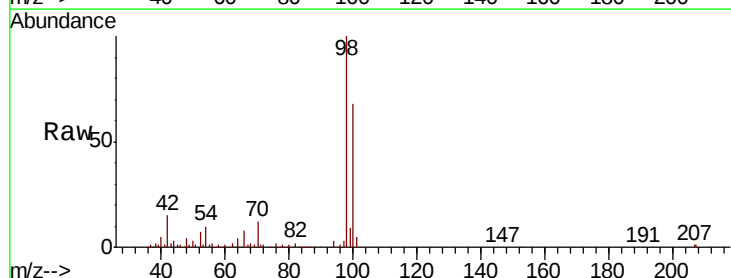
Instrument :
MSVOA_X
ClientSampleId :

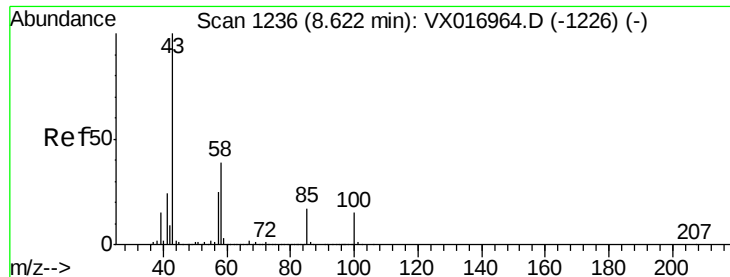
Tot Ion	88	Resp	6196
Ion	Ratio	Lower	Upper
88	100		
43	35.1	28.1	42.1
58	71.3	56.1	84.1



#50
Toluene-d8
Concen: 5.164 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VX016962.D
Acq: 25 Jun 2020 19:15

Tgt Ion	98	Resp	41749
Ion	Ratio	Lower	Upper
98	100		
100	68.4	52.2	78.2

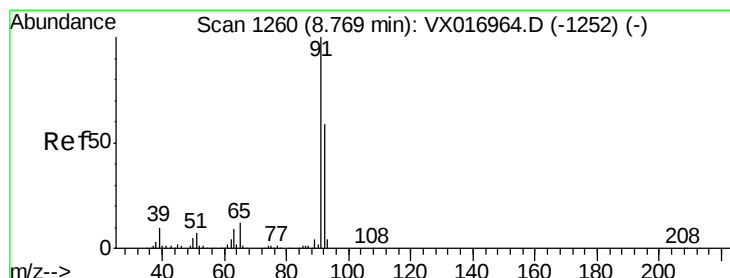
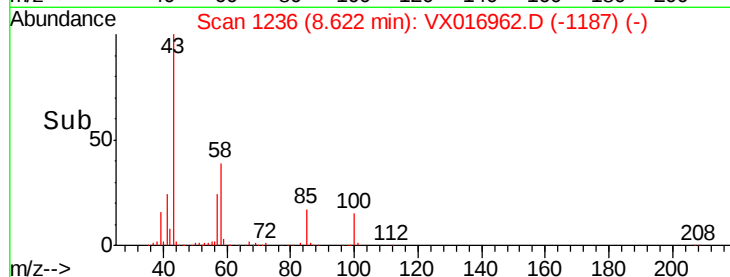
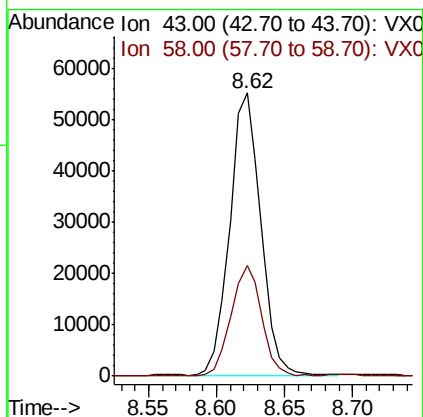
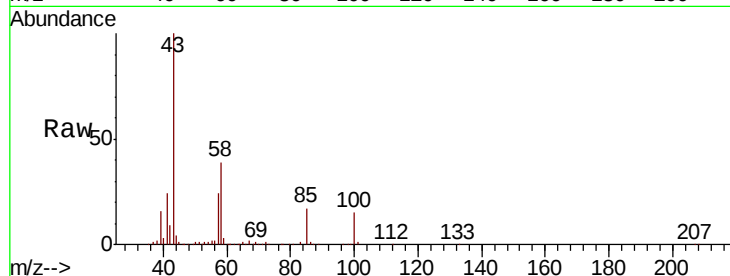




#51
 4-Methyl-2-Pentanone
 Concen: 26.851 ug/l
 RT: 8.62 min Scan# 1236
 Delta R.T. -0.00 min
 Lab File: VX016962.D
 Acq: 25 Jun 2020 19:15

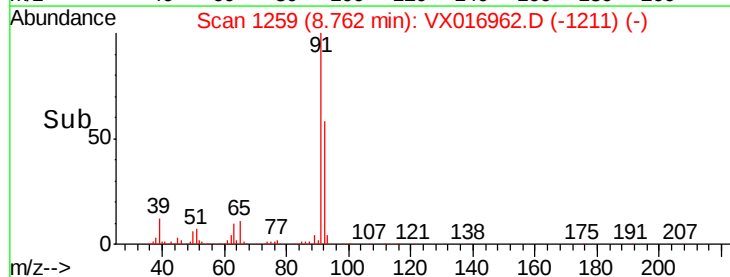
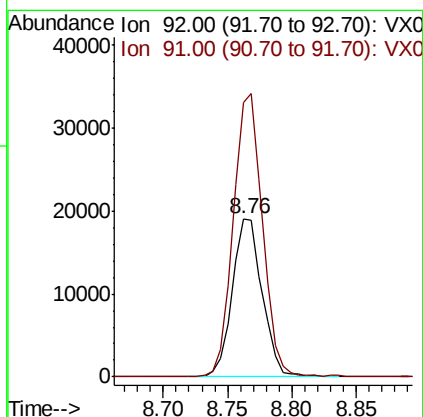
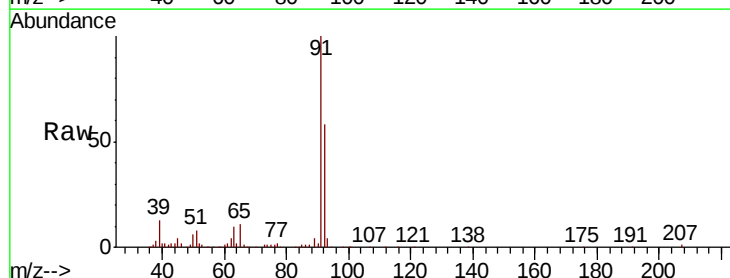
Instrument :
 MSVOA_X
 ClientSampleId :

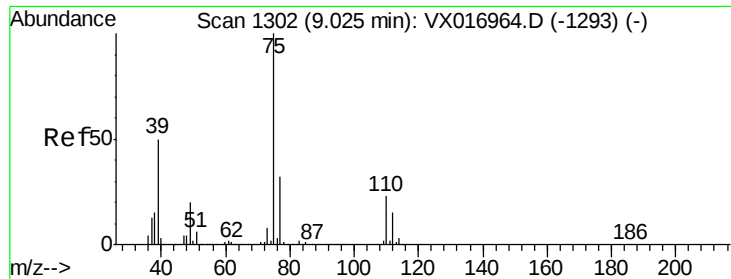
Tot Ion: 43 Resp: 87545
 Ion Ratio Lower Upper
 43 100
 58 38.9 30.4 45.6



#52
 Toluene
 Concen: 5.032 ug/l
 RT: 8.76 min Scan# 1259
 Delta R.T. -0.01 min
 Lab File: VX016962.D
 Acq: 25 Jun 2020 19:15

Tgt Ion: 92 Resp: 30850
 Ion Ratio Lower Upper
 92 100
 91 174.4 136.7 205.1

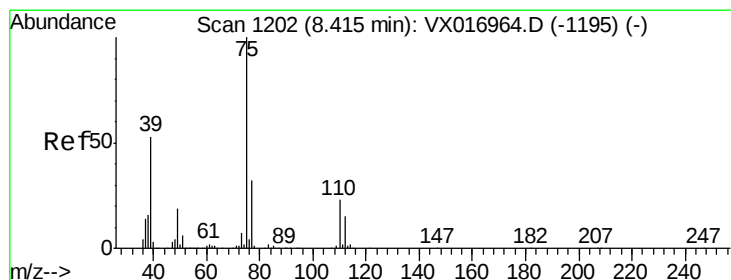
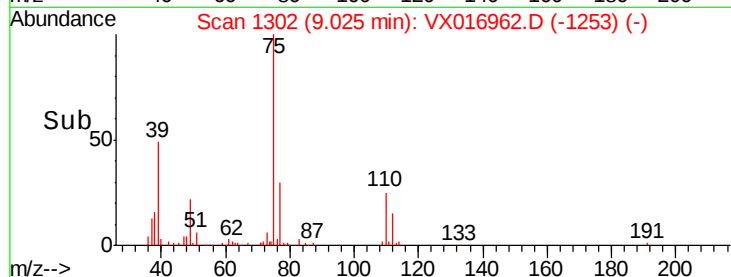
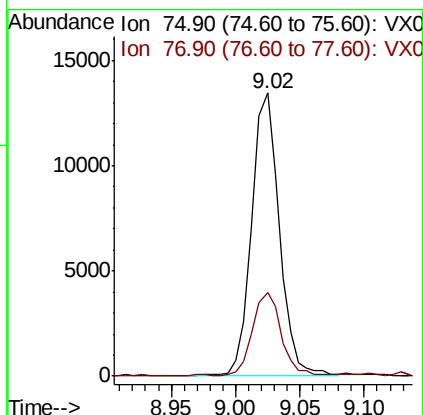
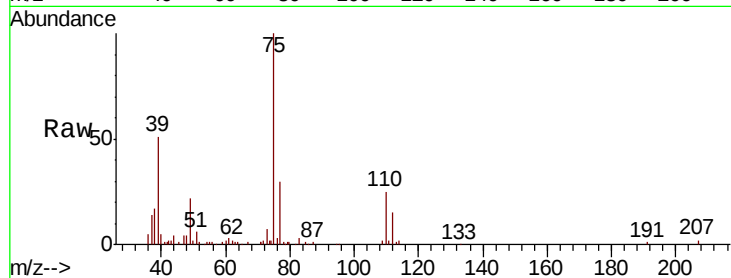




#53
 t-1,3-Dichloropropene
 Concen: 4.941 ug/l
 RT: 9.02 min Scan# 1302
 Delta R.T. -0.00 min
 Lab File: VX016962.D
 Acq: 25 Jun 2020 19:15

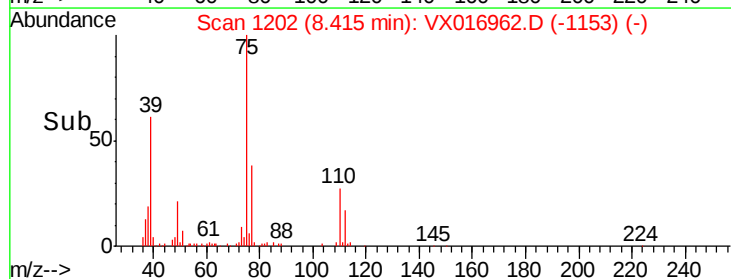
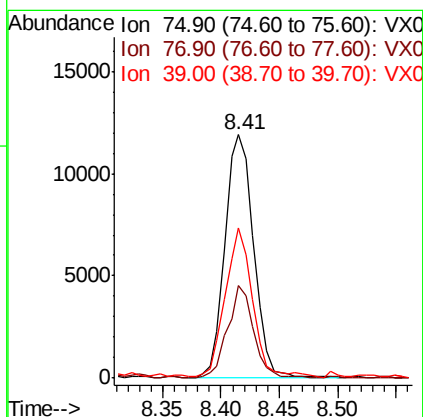
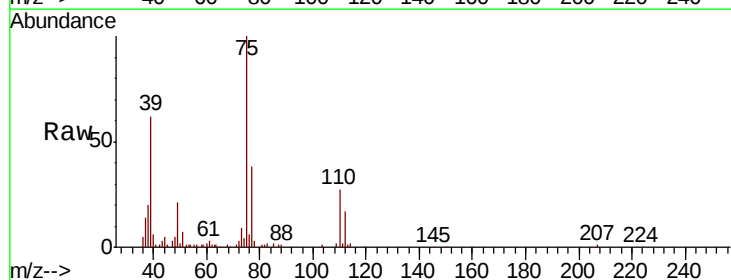
Instrument :
 MSVOA_X
 ClientSampleId :

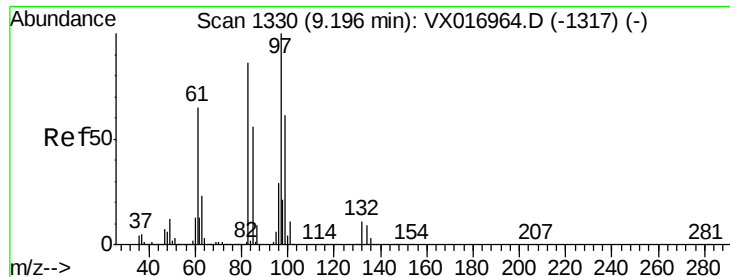
Tot Ion: 75 Resp: 20001
 Ion Ratio Lower Upper
 75 100
 77 29.6 25.8 38.6



#54
 cis-1,3-Dichloropropene
 Concen: 4.823 ug/l
 RT: 8.41 min Scan# 1202
 Delta R.T. -0.00 min
 Lab File: VX016962.D
 Acq: 25 Jun 2020 19:15

Tgt Ion: 75 Resp: 20412
 Ion Ratio Lower Upper
 75 100
 77 38.2 25.7 38.5
 39 61.0 42.7 64.1

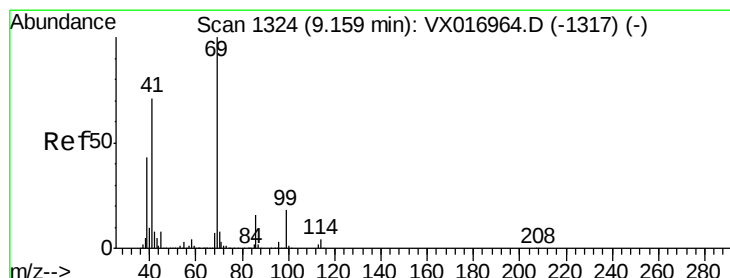
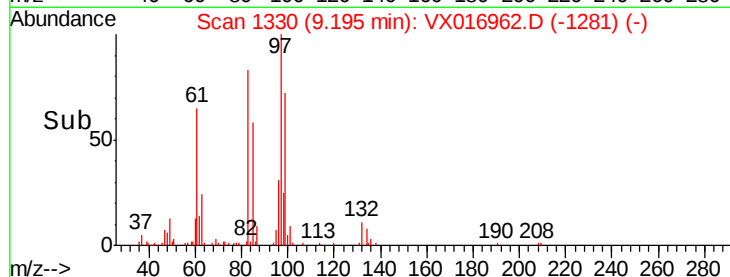
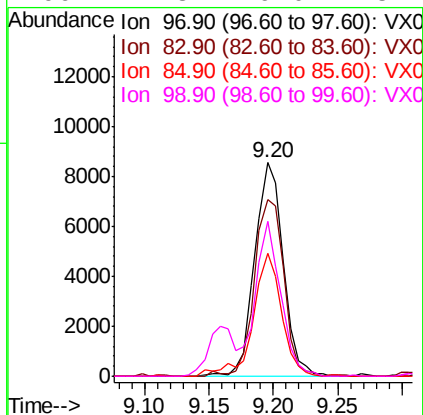
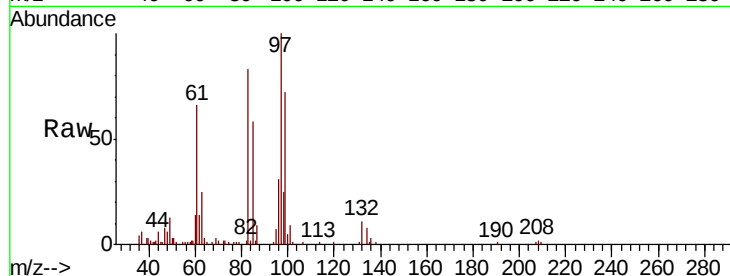




#55
 1,1,2-Trichloroethane
 Concen: 5.317 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. -0.00 min
 Lab File: VX016962.D
 Acq: 25 Jun 2020 19:15

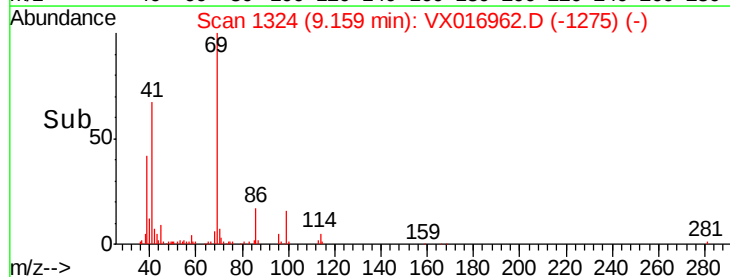
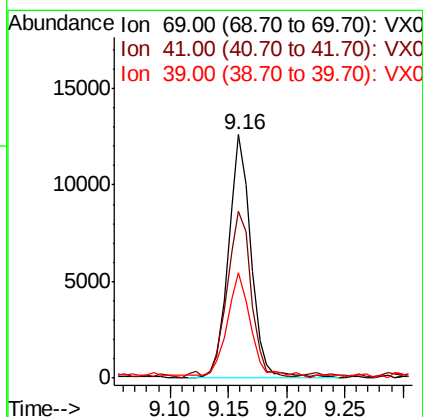
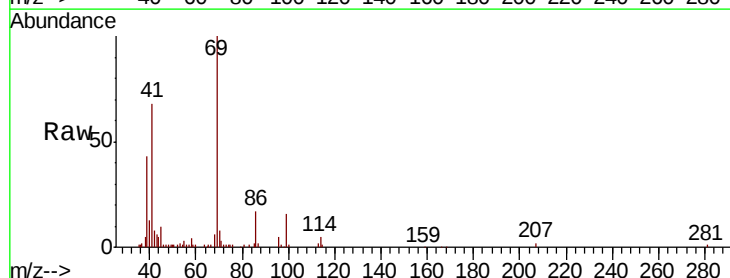
Instrument :
 MSVOA_X
 ClientSampleId :

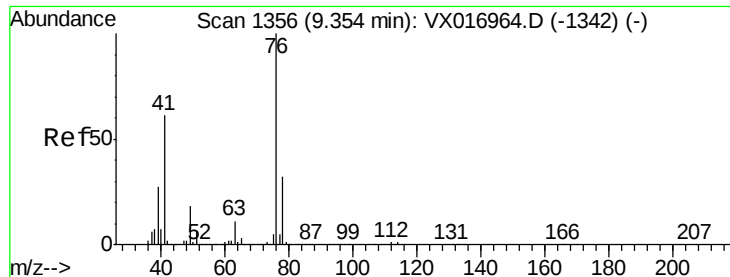
Tot Ion: 97 Resp: 13028
 Ion Ratio Lower Upper
 97 100
 83 82.8 68.6 103.0
 85 57.7 44.5 66.7
 99 72.3 49.0 73.4



#56
 Ethyl methacrylate
 Concen: 4.346 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. -0.00 min
 Lab File: VX016962.D
 Acq: 25 Jun 2020 19:15

Tgt Ion: 69 Resp: 17055
 Ion Ratio Lower Upper
 69 100
 41 74.1 55.9 83.9
 39 46.2 34.6 51.8





#57

1,3-Dichloropropane

Concen: 5.131 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. -0.00 min

Lab File: VX016962.D

Acq: 25 Jun 2020 19:15

Instrument :

MSVOA_X

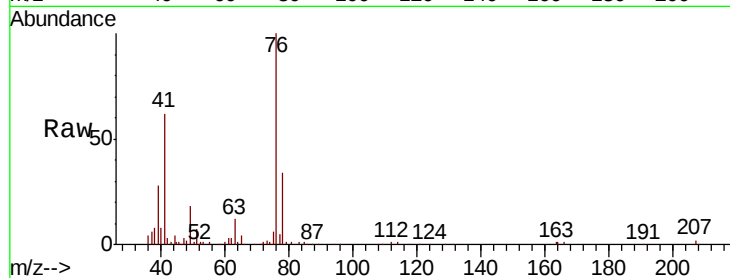
ClientSampleId :

Tot Ion: 76 Resp: 21506

Ion Ratio Lower Upper

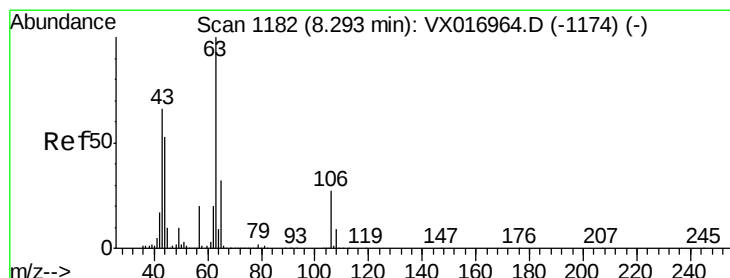
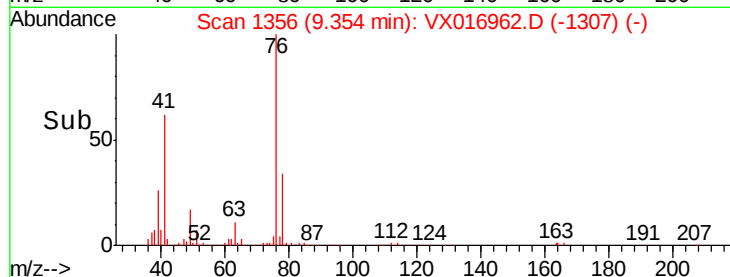
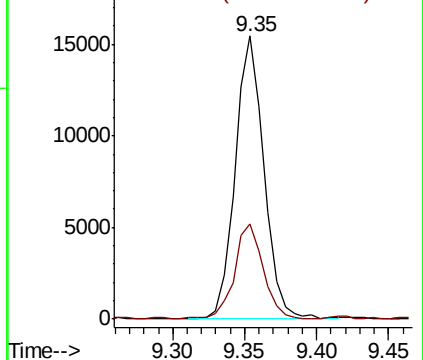
76 100

78 33.8 26.0 39.0



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 24.236 ug/l

RT: 8.29 min Scan# 1182

Delta R.T. -0.00 min

Lab File: VX016962.D

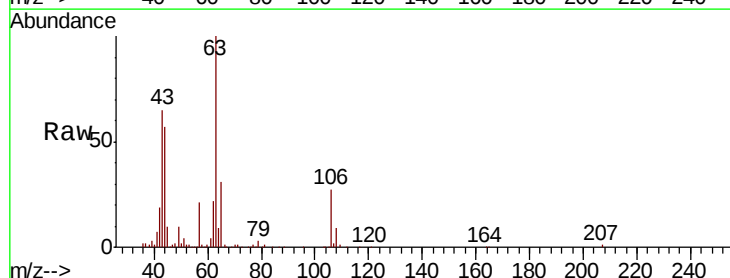
Acq: 25 Jun 2020 19:15

Tgt Ion: 63 Resp: 47302

Ion Ratio Lower Upper

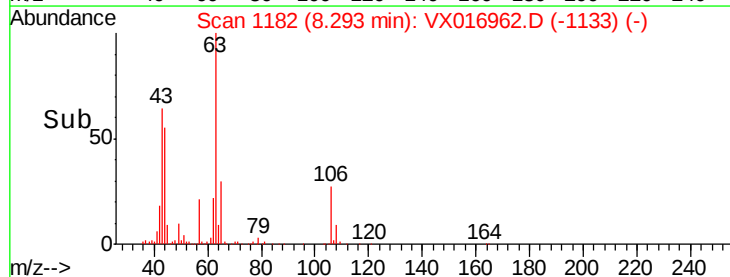
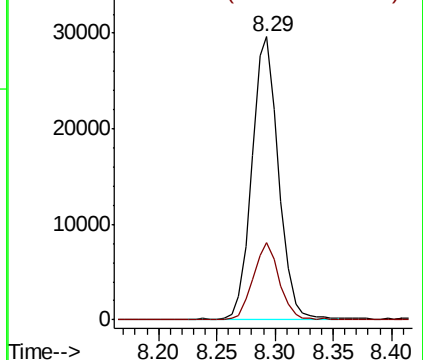
63 100

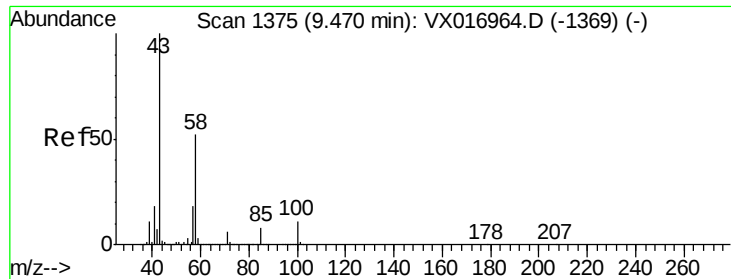
106 27.0 22.1 33.1



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

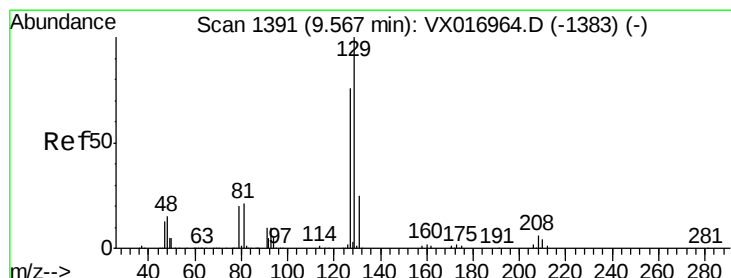
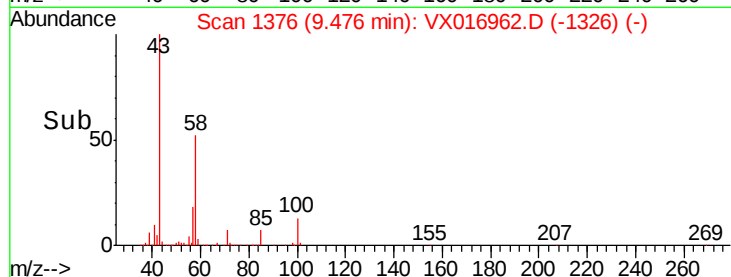
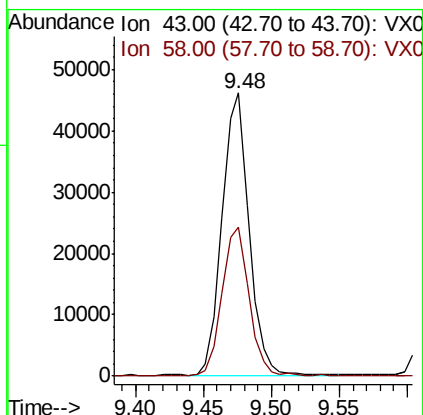
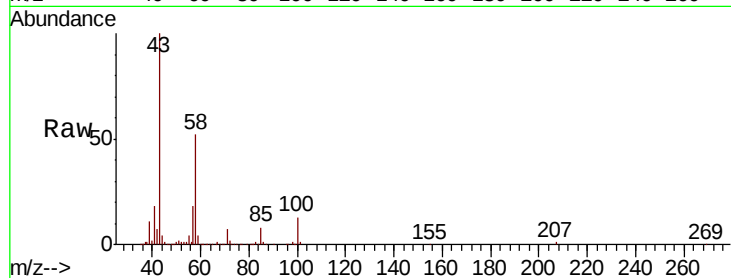




#59
2-Hexanone
Concen: 25.650 ug/l
RT: 9.48 min Scan# 1376
Delta R.T. 0.01 min
Lab File: VX016962.D
Acq: 25 Jun 2020 19:15

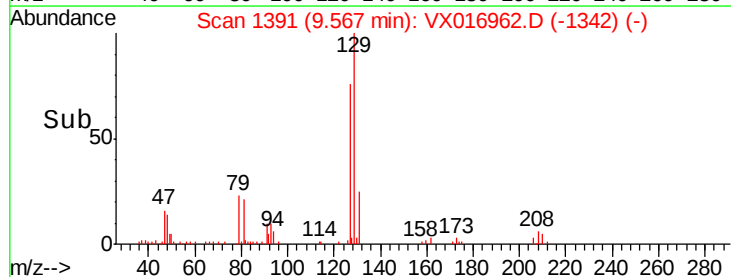
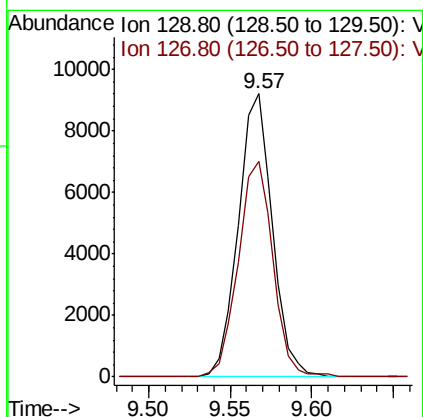
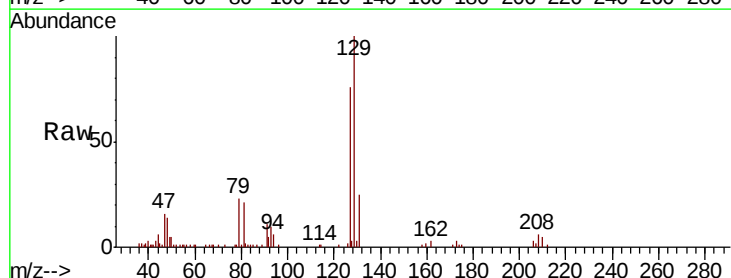
Instrument :
MSVOA_X
ClientSampleId :

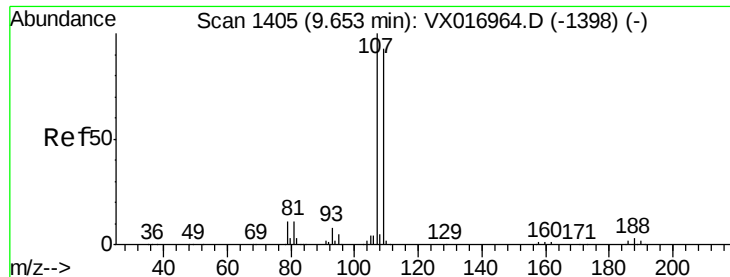
Tot Ion: 43 Resp: 63415
Ion Ratio Lower Upper
43 100
58 52.5 26.3 78.9



#60
Dibromochloromethane
Concen: 5.377 ug/l
RT: 9.57 min Scan# 1391
Delta R.T. -0.00 min
Lab File: VX016962.D
Acq: 25 Jun 2020 19:15

Tgt Ion: 129 Resp: 13384
Ion Ratio Lower Upper
129 100
127 77.8 38.0 114.0





#61

1,2-Dibromoethane

Concen: 5.087 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. -0.00 min

Lab File: VX016962.D

Acq: 25 Jun 2020 19:15

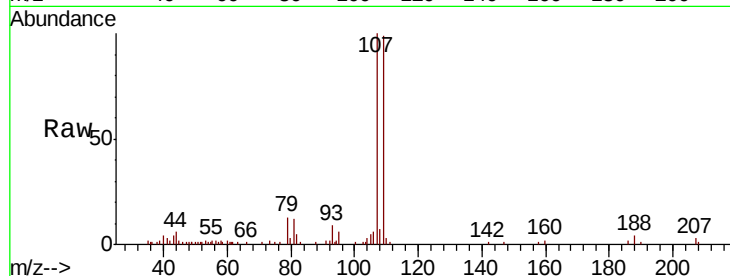
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:107 Resp: 12958

Ion Ratio Lower Upper

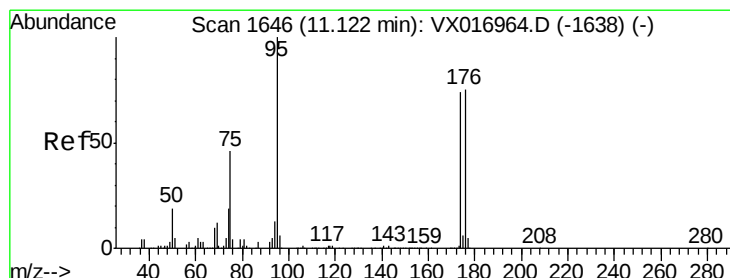
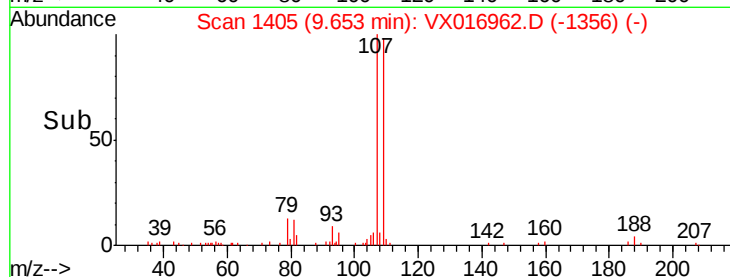
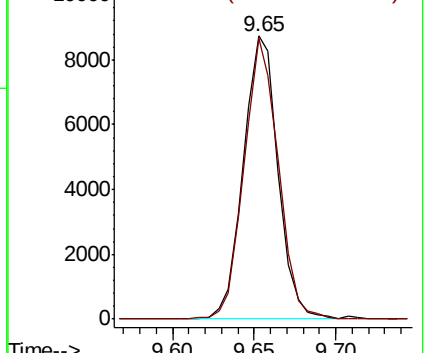
107 100

109 97.7 75.0 112.6



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 4.880 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX016962.D

Acq: 25 Jun 2020 19:15

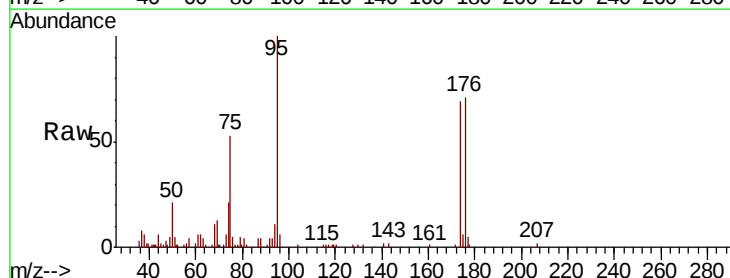
Tgt Ion: 95 Resp: 15906

Ion Ratio Lower Upper

95 100

174 75.7 0.0 149.6

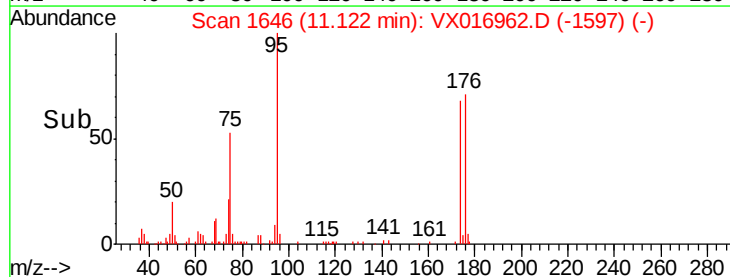
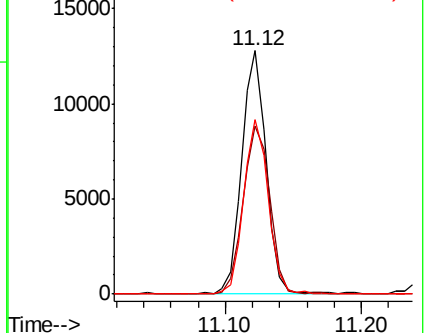
176 72.8 0.0 148.2

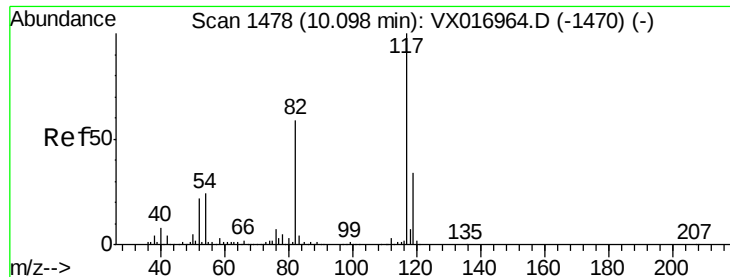


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

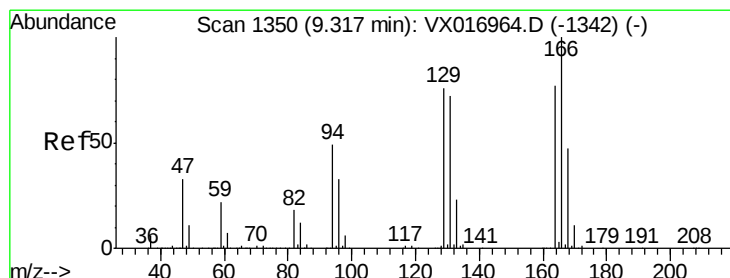
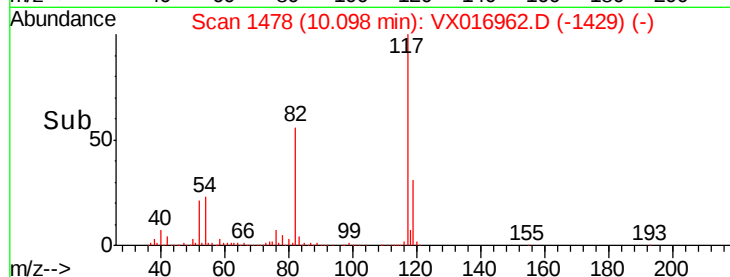
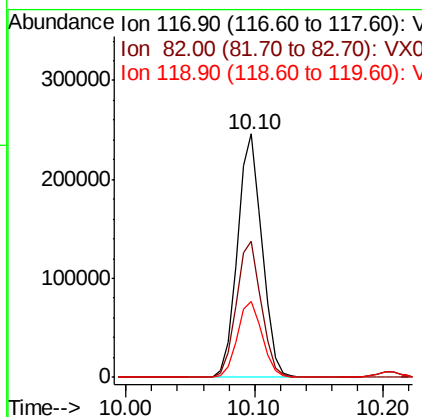
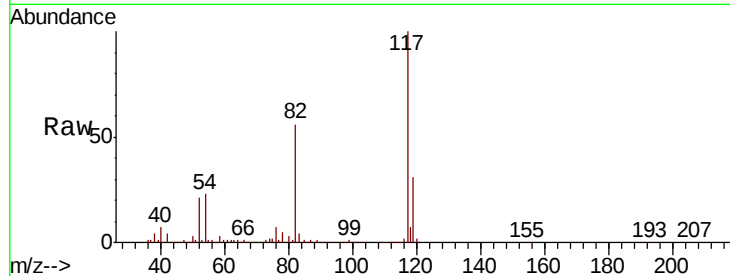




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX016962.D
Acq: 25 Jun 2020 19:15

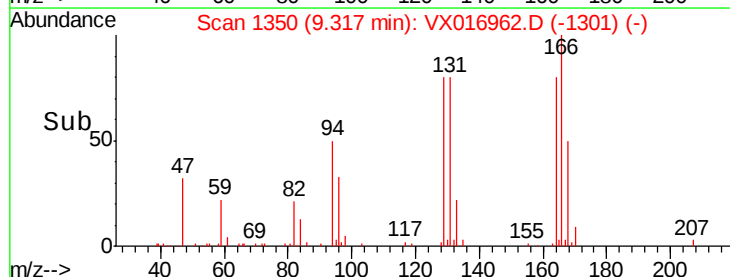
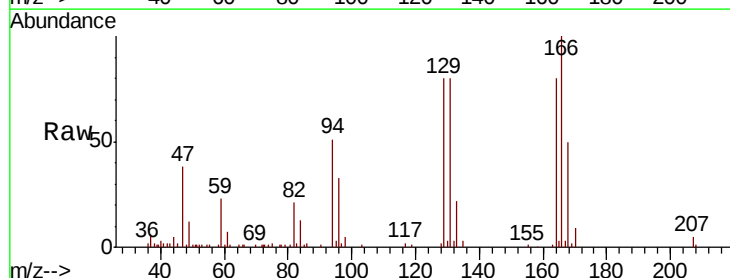
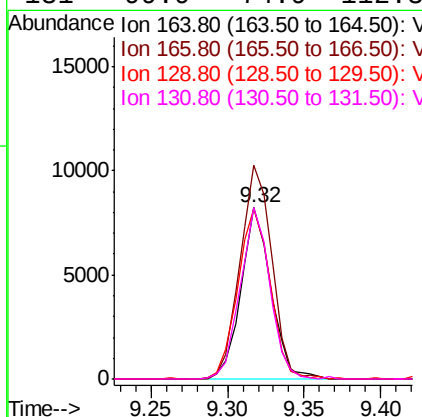
Instrument :
MSVOA_X
ClientSampleId :

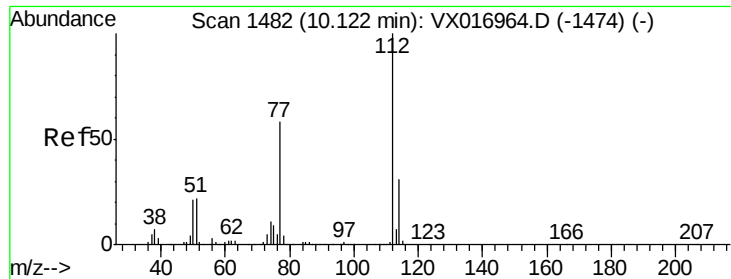
Tot Ion	Ratio	Lower	Upper
117	100		
82	55.8	46.8	70.2
119	31.3	27.3	40.9



#64
Tetrachloroethene
Concen: 3.684 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX016962.D
Acq: 25 Jun 2020 19:15

Tgt Ion	Ratio	Lower	Upper
164	100		
166	124.8	104.2	156.4
129	99.4	79.3	118.9
131	99.9	74.9	112.3

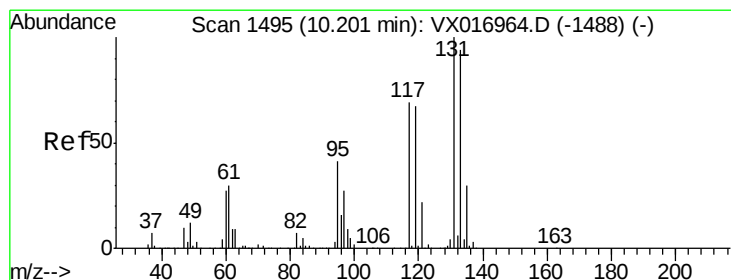
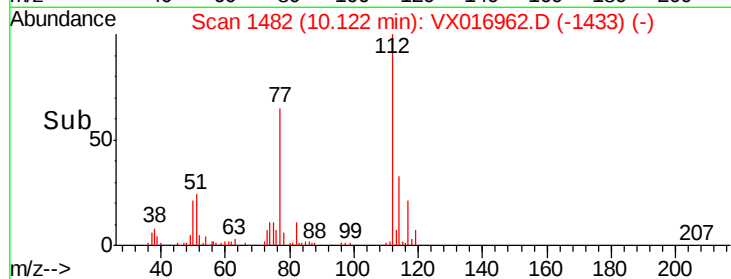
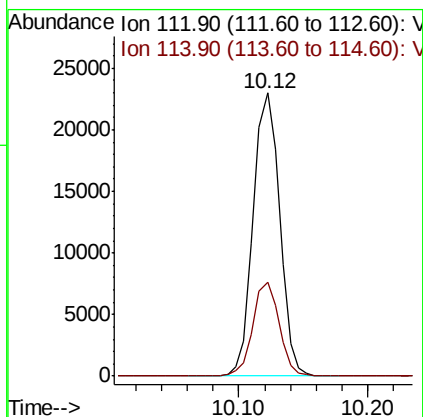
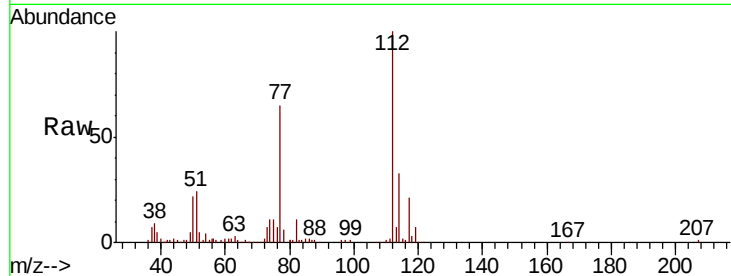




#65
Chlorobenzene
Concen: 5.064 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. -0.00 min
Lab File: VX016962.D
Acq: 25 Jun 2020 19:15

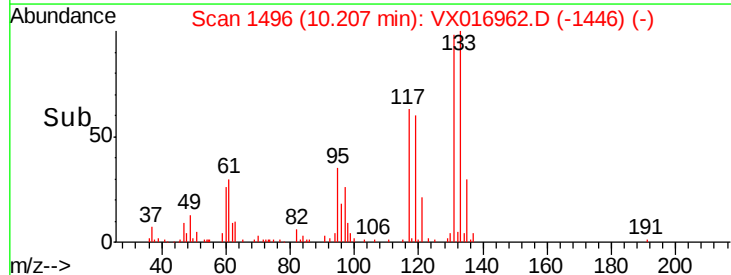
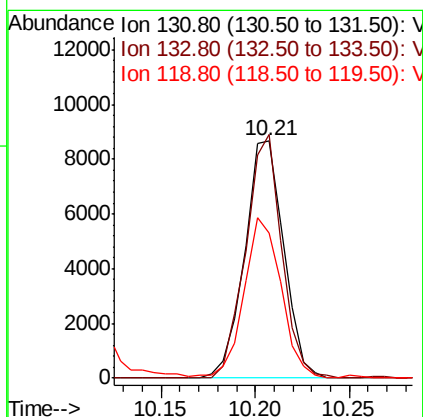
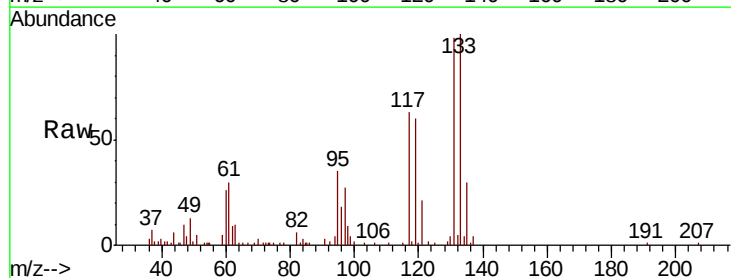
Instrument :
MSVOA_X
ClientSampled :

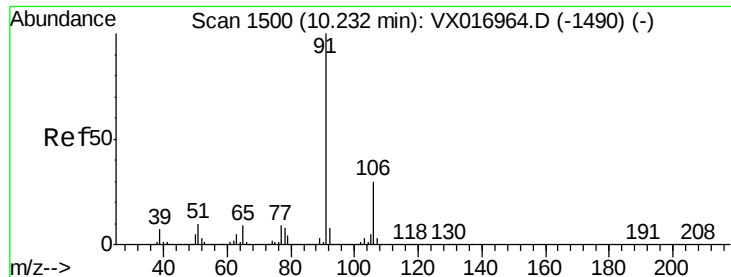
Tot Ion:112 Resp: 32585
Ion Ratio Lower Upper
112 100
114 33.2 24.8 37.2



#66
1,1,1,2-Tetrachloroethane
Concen: 5.414 ug/l
RT: 10.21 min Scan# 1496
Delta R.T. 0.01 min
Lab File: VX016962.D
Acq: 25 Jun 2020 19:15

Tgt Ion:131 Resp: 12490
Ion Ratio Lower Upper
131 100
133 94.3 48.0 144.0
119 64.2 32.8 98.4

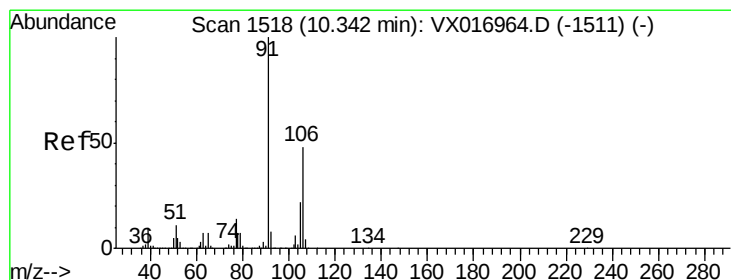
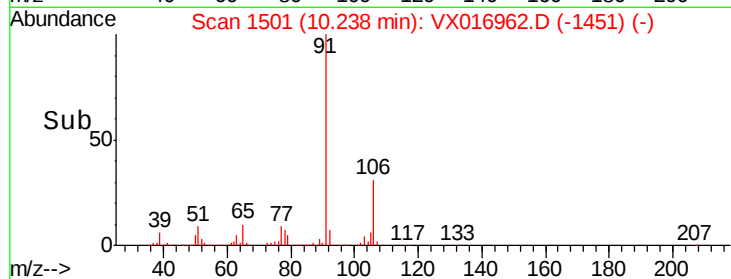
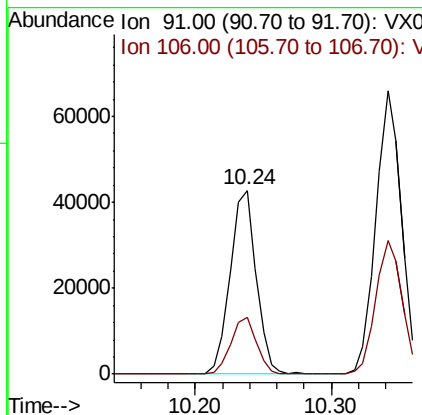
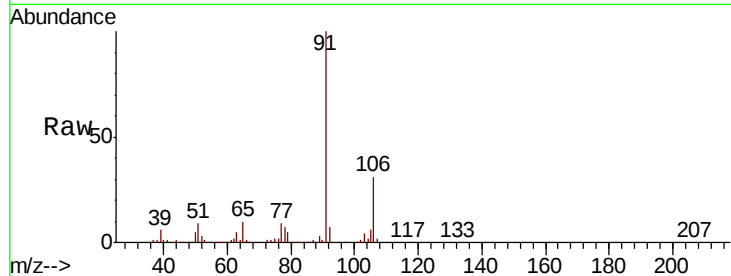




#67
Ethyl Benzene
Concen: 4.821 ug/l
RT: 10.24 min Scan# 1501
Delta R.T. 0.01 min
Lab File: VX016962.D
Acq: 25 Jun 2020 19:15

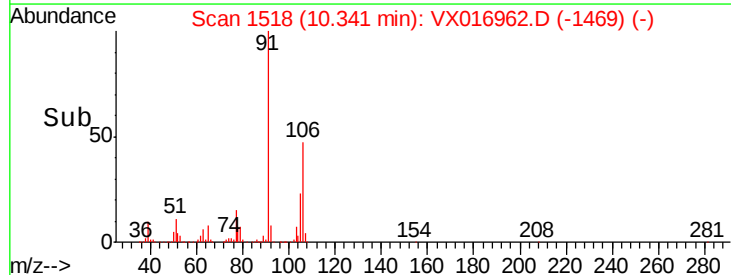
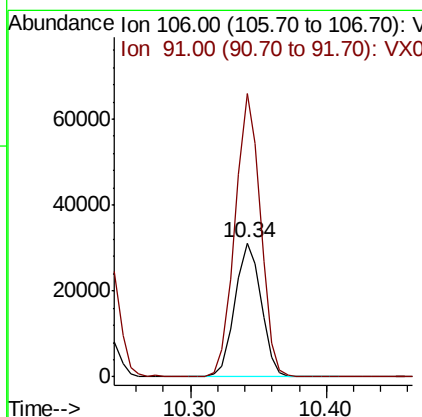
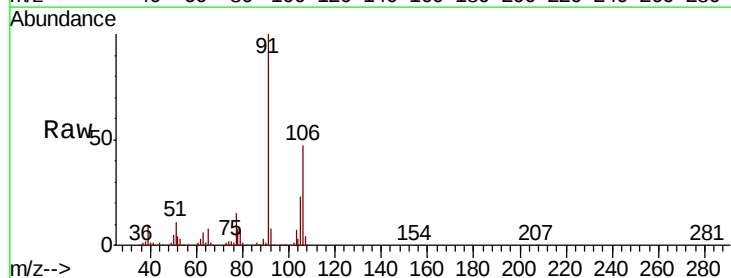
Instrument :
MSVOA_X
ClientSampleId :

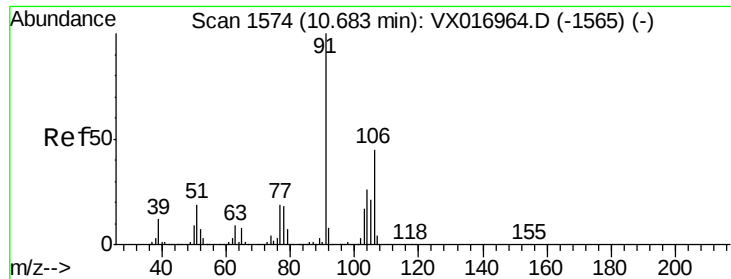
Tot Ion: 91 Resp: 57159
Ion Ratio Lower Upper
91 100
106 31.2 24.1 36.1



#68
m/p-Xylenes
Concen: 9.700 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. -0.00 min
Lab File: VX016962.D
Acq: 25 Jun 2020 19:15

Tgt Ion: 106 Resp: 42248
Ion Ratio Lower Upper
106 100
91 204.5 164.1 246.1

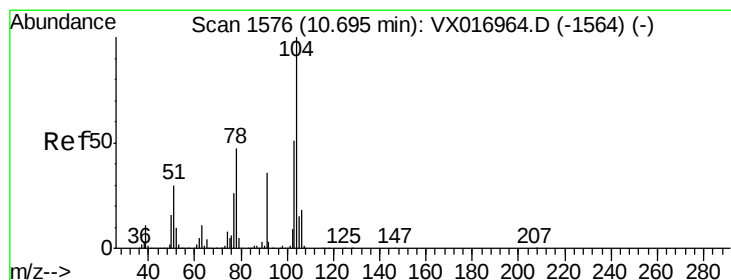
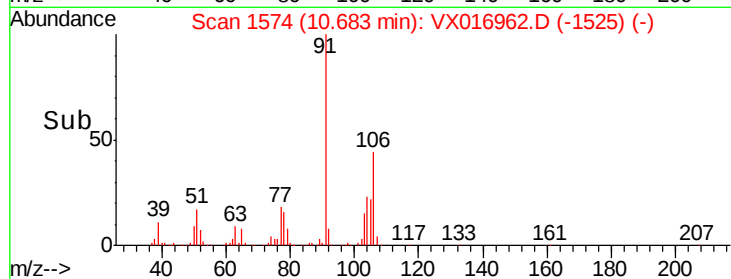
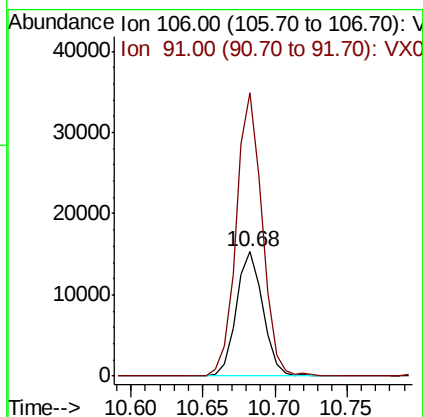
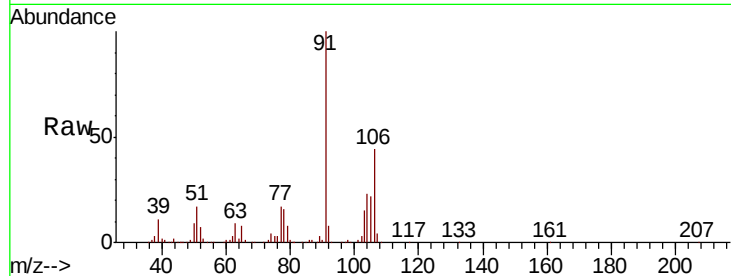




#69
o-Xylene
Concen: 4.678 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX016962.D
Acq: 25 Jun 2020 19:15

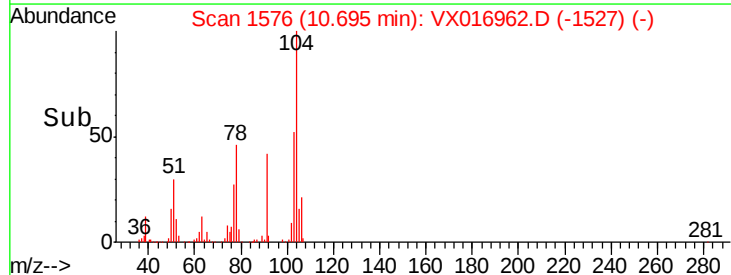
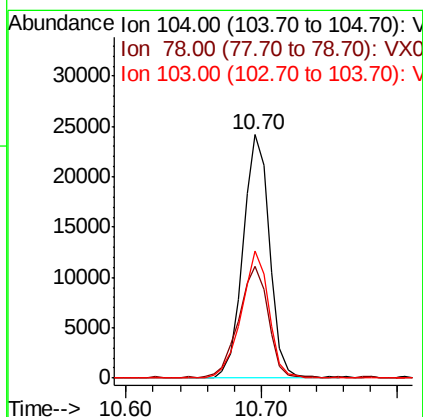
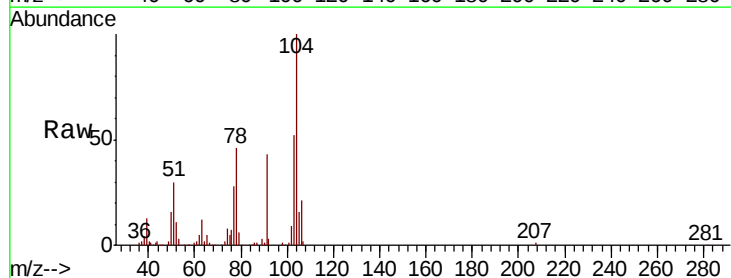
Instrument :
MSVOA_X
ClientSampleId :

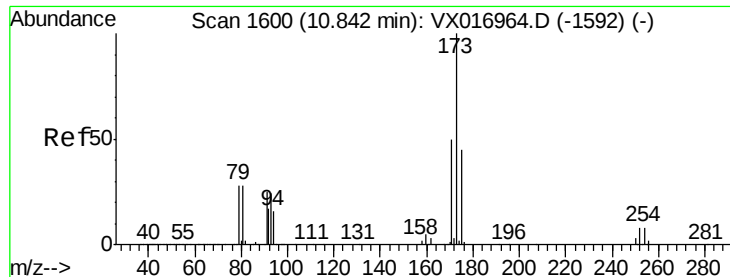
Tot Ion:106 Resp: 19813
Ion Ratio Lower Upper
106 100
91 221.7 109.1 327.2



#70
Styrene
Concen: 4.512 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX016962.D
Acq: 25 Jun 2020 19:15

Tgt Ion:104 Resp: 32886
Ion Ratio Lower Upper
104 100
78 52.1 41.9 62.9
103 54.3 43.9 65.9

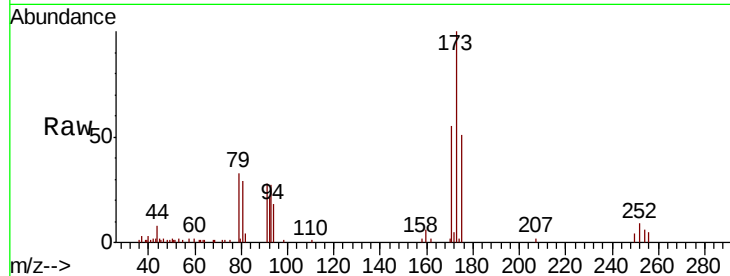




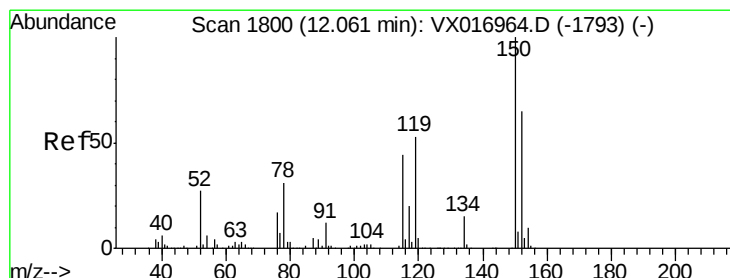
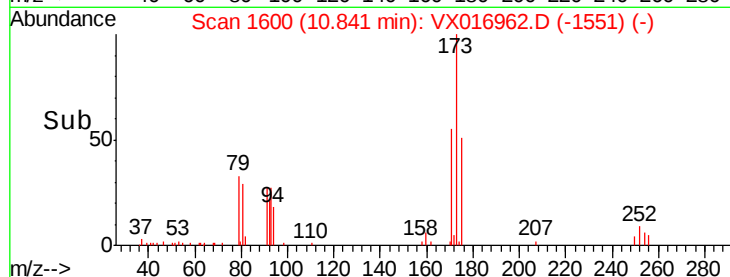
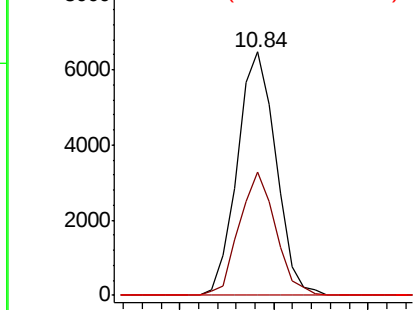
#71
 Bromoform
 Concen: 5.696 ug/l
 RT: 10.84 min Scan# 1600
 Delta R.T. -0.00 min
 Lab File: VX016962.D
 Acq: 25 Jun 2020 19:15

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion:173 Resp: 9194
 Ion Ratio Lower Upper
 173 100
 175 48.0 23.4 70.2
 254 0.0 0.0 0.0

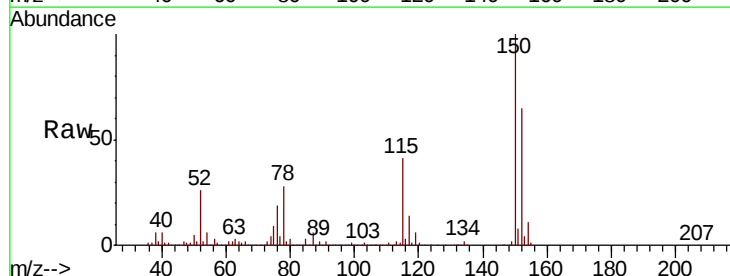


Abundance Ion 172.70 (172.40 to 173.40): V
 Ion 174.70 (174.40 to 175.40): V
 Ion 254.40 (254.10 to 255.10): V

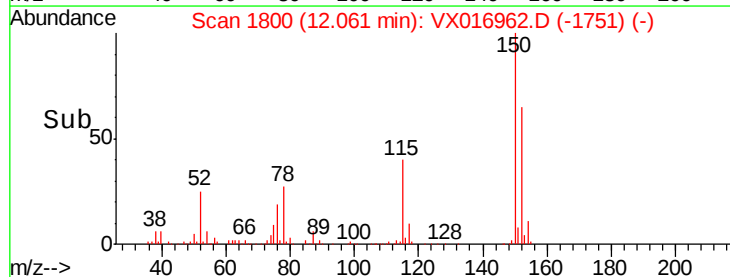
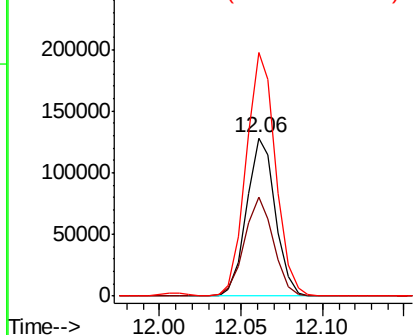


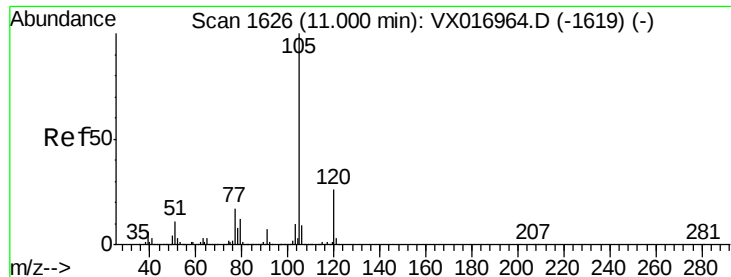
#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.06 min Scan# 1800
 Delta R.T. -0.00 min
 Lab File: VX016962.D
 Acq: 25 Jun 2020 19:15

Tgt Ion:152 Resp: 157356
 Ion Ratio Lower Upper
 152 100
 115 63.4 42.8 128.4
 150 158.5 0.0 347.8



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





#73

Isopropylbenzene

Concen: 4.668 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.00 min

Lab File: VX016962.D

Acq: 25 Jun 2020 19:15

Instrument :

MSVOA_X

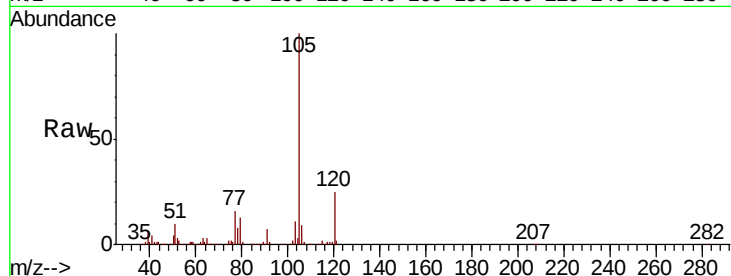
ClientSampleId :

Tot Ion: 105 Resp: 54040

Ion Ratio Lower Upper

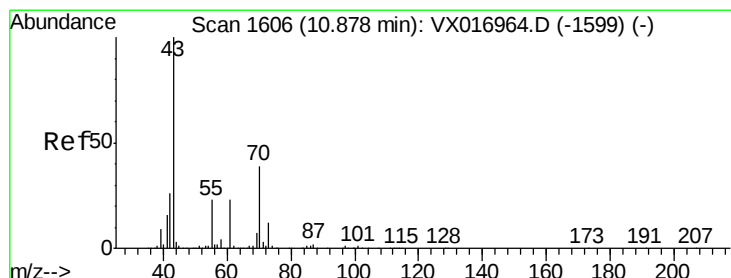
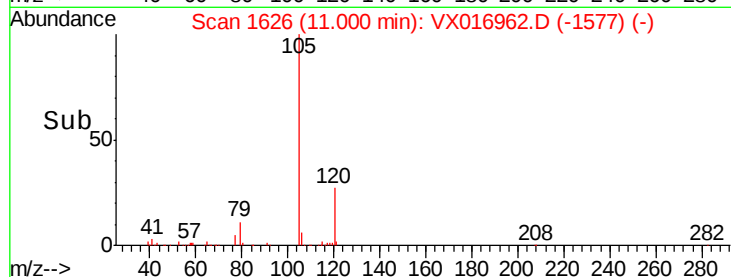
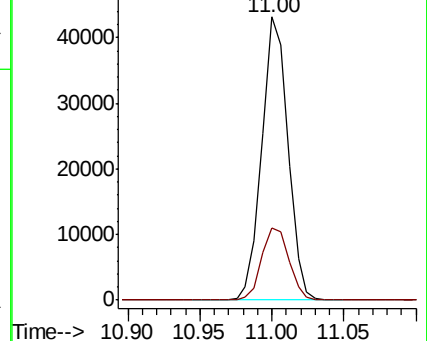
105 100

120 26.6 13.1 39.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 4.707 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. -0.00 min

Lab File: VX016962.D

Acq: 25 Jun 2020 19:15

Tgt Ion: 43 Resp: 24083

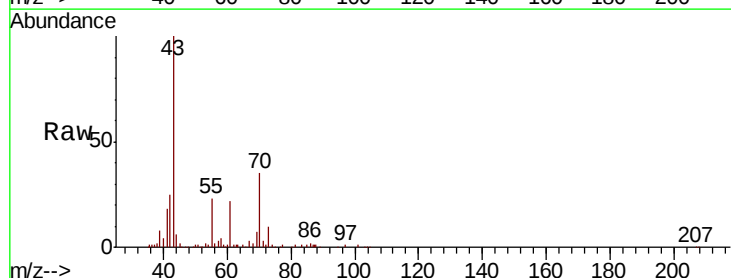
Ion Ratio Lower Upper

43 100

70 39.3 32.1 48.1

55 23.4 18.6 28.0

61 23.9 18.8 28.2

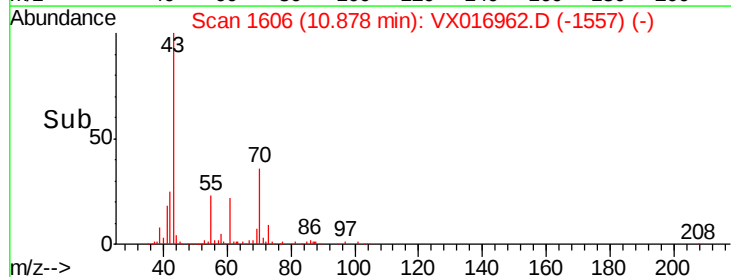
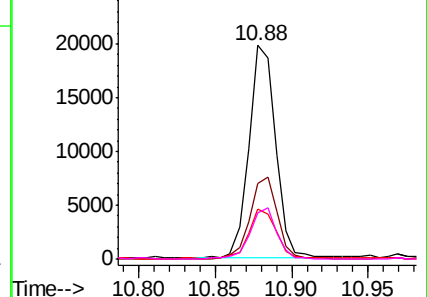


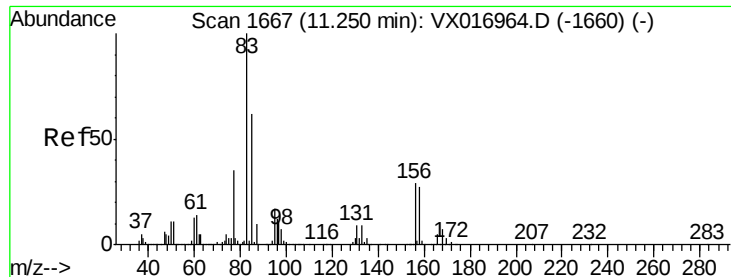
Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 6.657 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. -0.00 min

Lab File: VX016962.D

Acq: 25 Jun 2020 19:15

Instrument :

MSVOA_X

ClientSampleId :

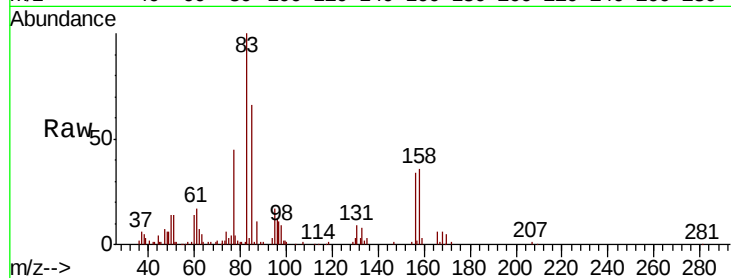
Tot Ion: 83 Resp: 18549

Ion Ratio Lower Upper

83 100

131 10.4 4.9 14.7

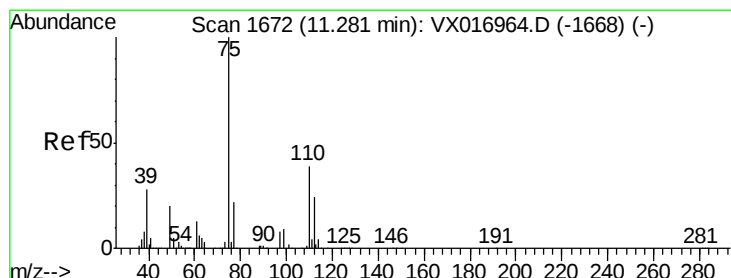
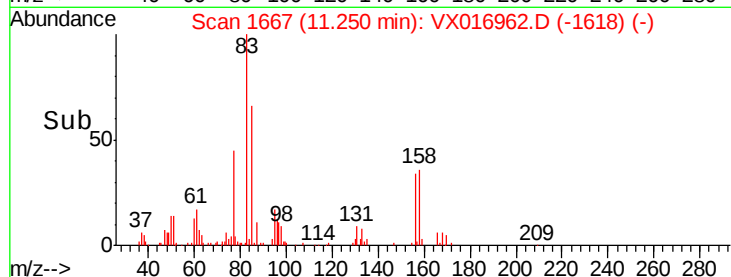
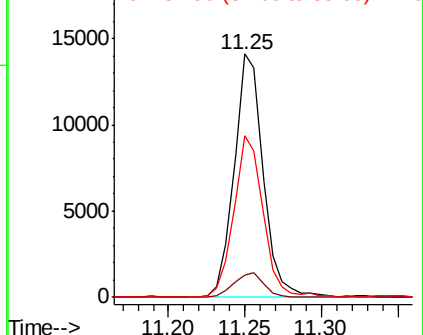
85 67.0 32.0 96.2



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: 6.602 ug/l

RT: 11.28 min Scan# 1672

Delta R.T. -0.00 min

Lab File: VX016962.D

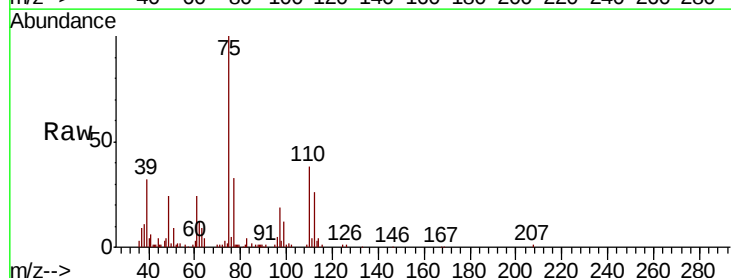
Acq: 25 Jun 2020 19:15

Tgt Ion: 75 Resp: 22288

Ion Ratio Lower Upper

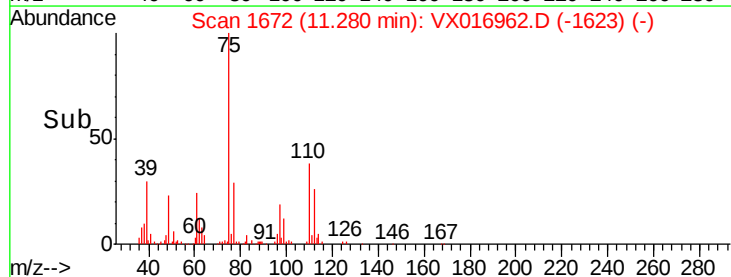
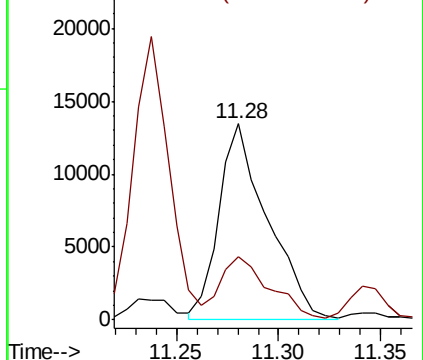
75 100

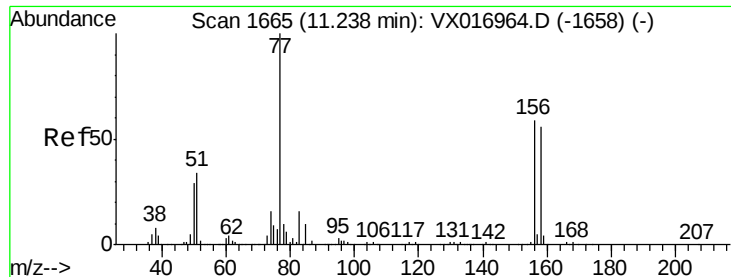
77 32.2 20.3 61.0



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 5.318 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX016962.D

Acq: 25 Jun 2020 19:15

Instrument :

MSVOA_X

ClientSampleId :

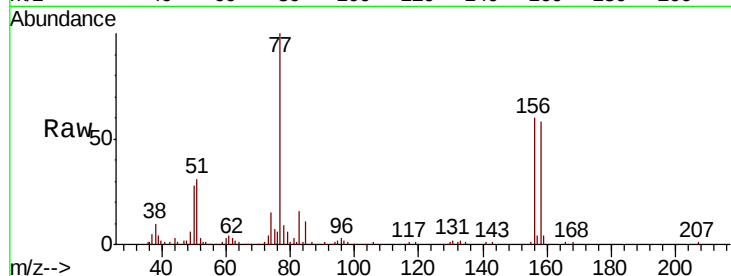
Tot Ion:156 Resp: 14216

Ion Ratio Lower Upper

156 100

77 169.6 85.2 255.6

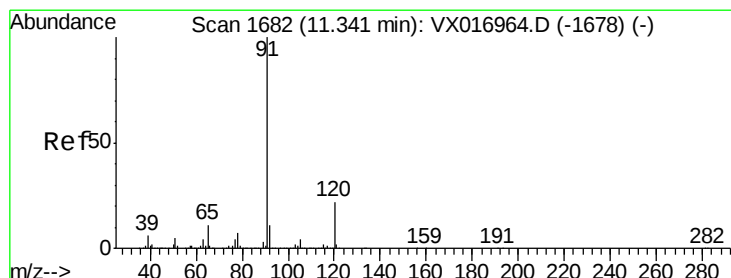
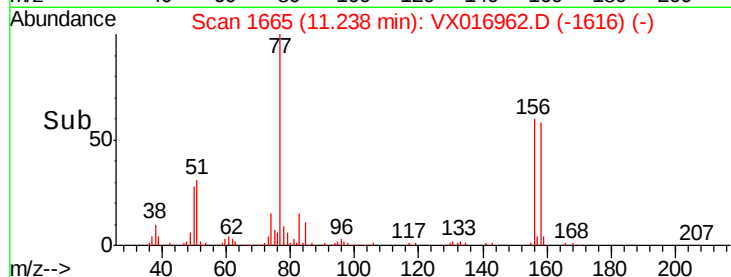
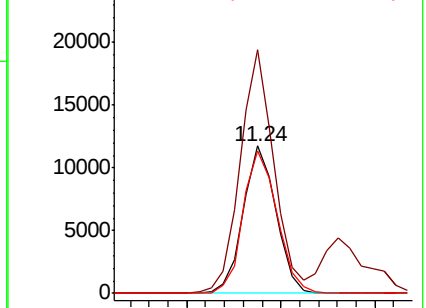
158 100.3 48.3 144.9



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: 4.544 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. -0.00 min

Lab File: VX016962.D

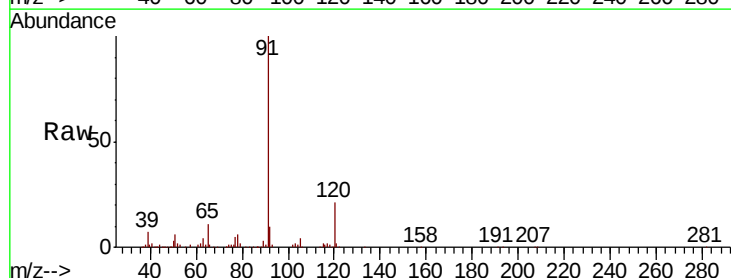
Acq: 25 Jun 2020 19:15

Tgt Ion: 91 Resp: 62194

Ion Ratio Lower Upper

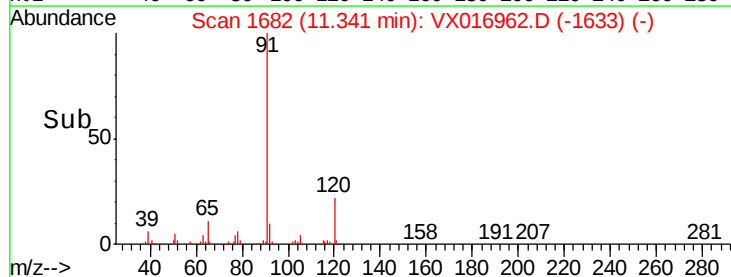
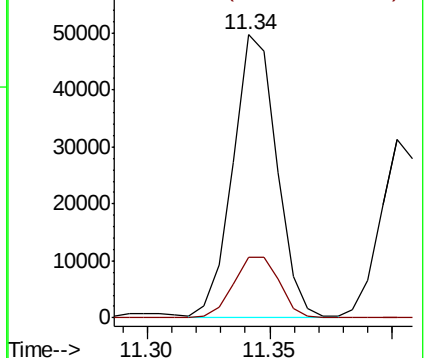
91 100

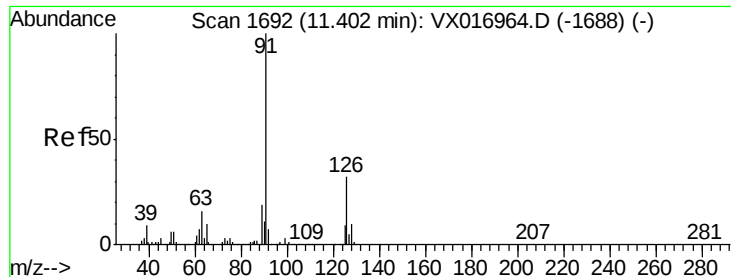
120 22.6 11.3 33.8



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 4.838 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. -0.00 min

Lab File: VX016962.D

Acq: 25 Jun 2020 19:15

Instrument :

MSVOA_X

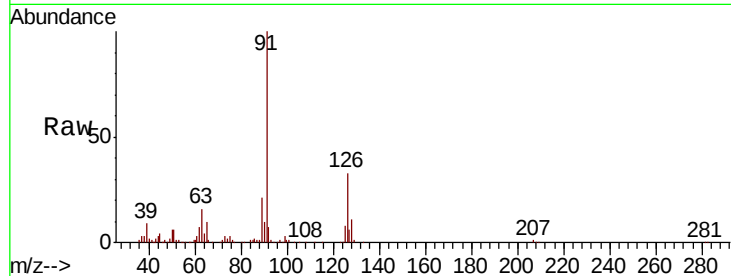
ClientSampleId :

Tot Ion: 91 Resp: 39007

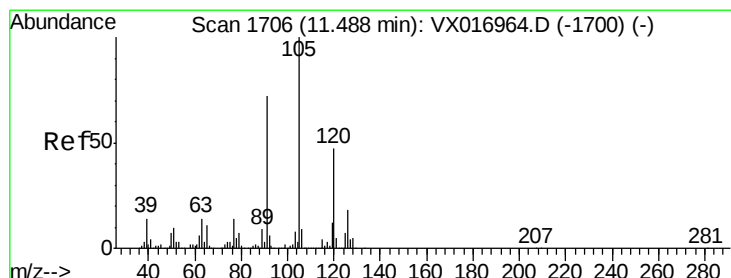
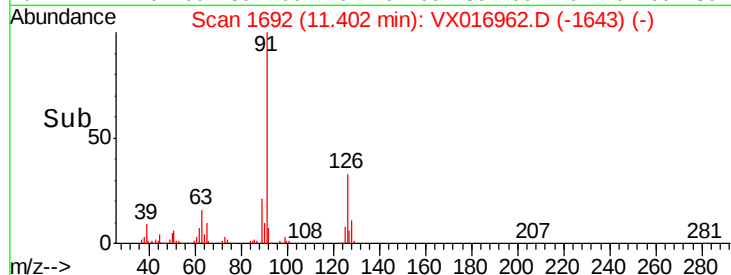
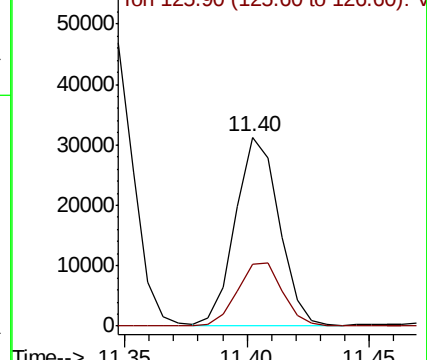
Ion Ratio Lower Upper

91 100

126 34.9 16.6 49.8



Abundance Ion 91.00 (90.70 to 91.70): VX016962.D (-1688) (-)



#80

1,3,5-Trimethylbenzene

Concen: 4.559 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. 0.01 min

Lab File: VX016962.D

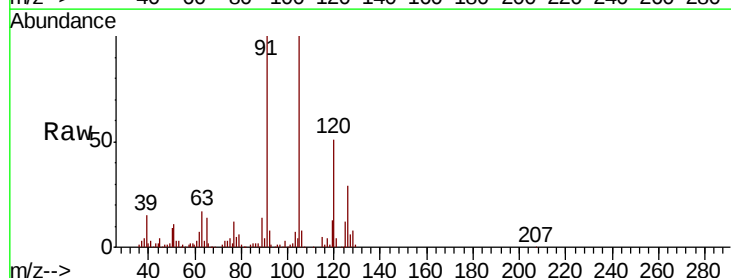
Acq: 25 Jun 2020 19:15

Tgt Ion: 105 Resp: 44794

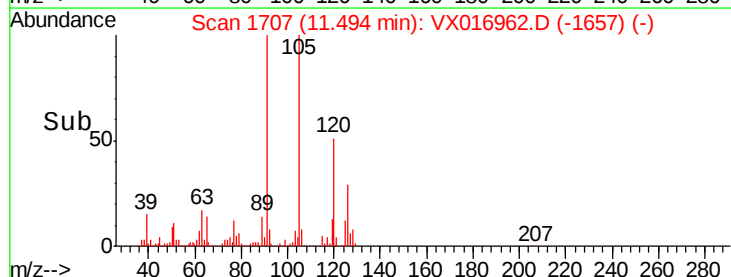
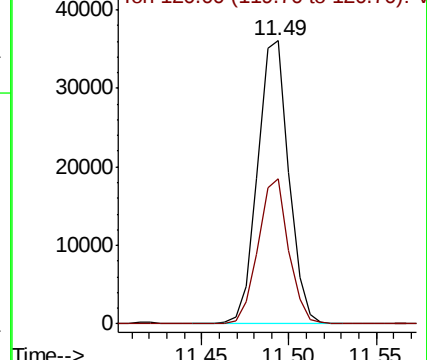
Ion Ratio Lower Upper

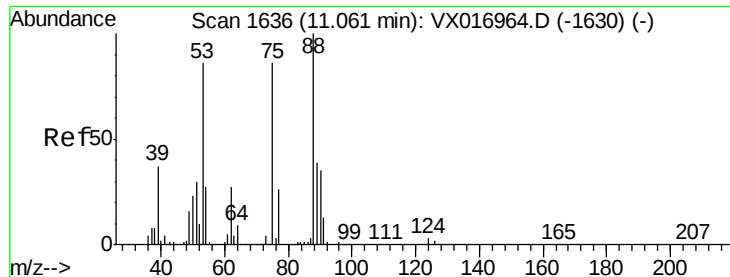
105 100

120 50.4 24.2 72.6



Abundance Ion 105.00 (104.70 to 105.70): VX016962.D (-1657) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 4.104 ug/l

RT: 11.06 min Scan# 1636

Delta R.T. -0.00 min

Lab File: VX016962.D

Acq: 25 Jun 2020 19:15

Instrument :

MSVOA_X

ClientSampled :

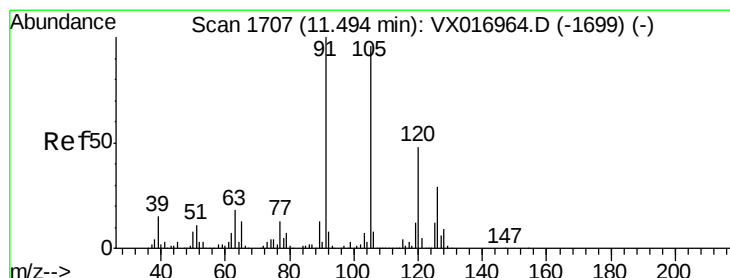
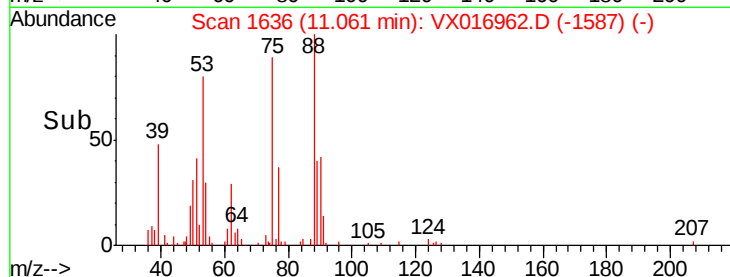
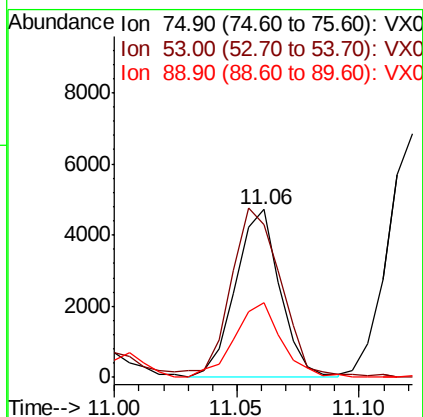
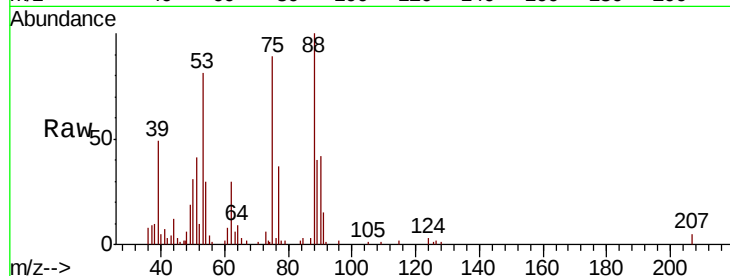
Tot Ion: 75 Resp: 6000

Ion Ratio Lower Upper

75 100

53 113.9 81.9 122.9

89 46.5 35.5 53.3



#82

4-Chlorotoluene

Concen: 4.679 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX016962.D

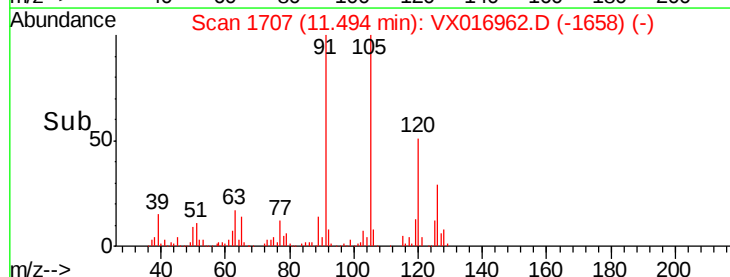
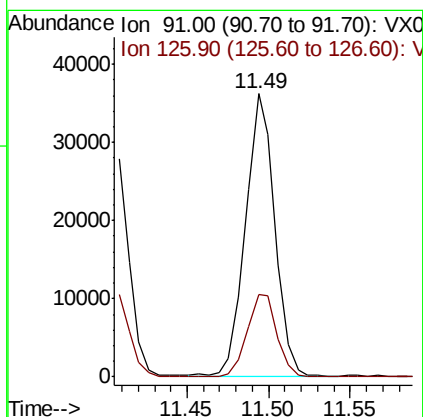
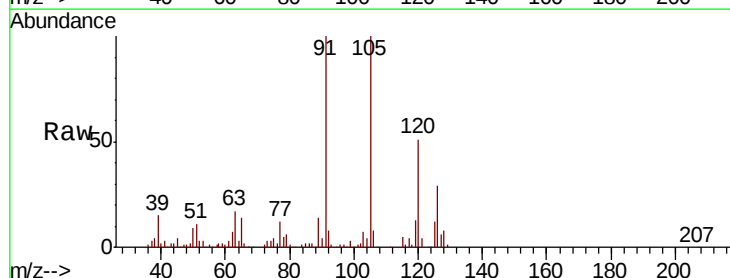
Acq: 25 Jun 2020 19:15

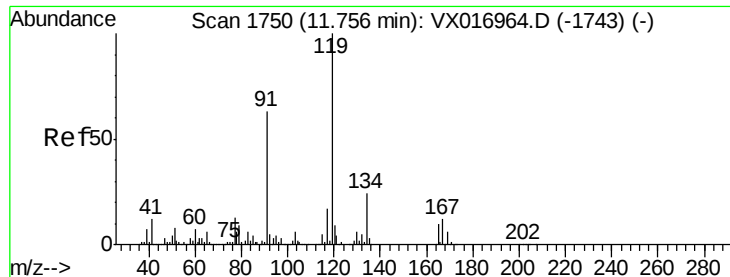
Tgt Ion: 91 Resp: 45075

Ion Ratio Lower Upper

91 100

126 29.9 14.6 44.0

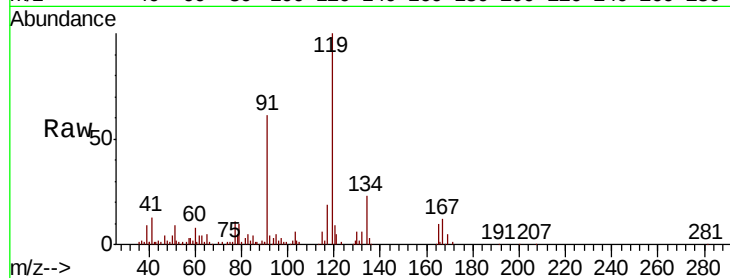




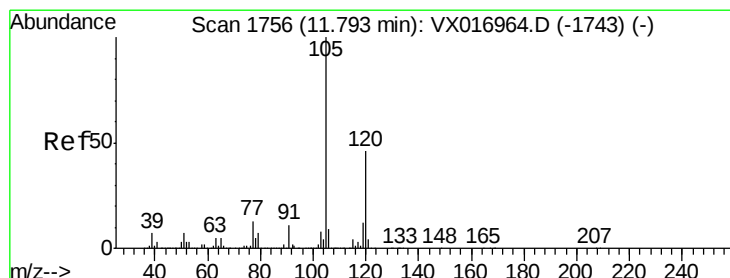
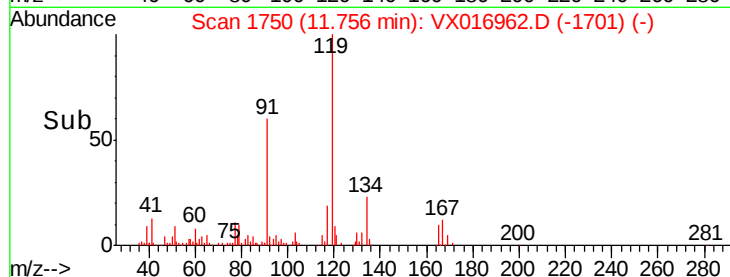
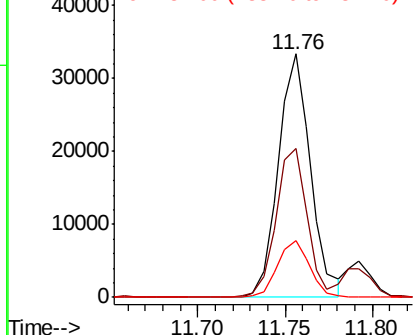
#83
tert-Butylbenzene
Concen: 5.051 ug/l
RT: 11.76 min Scan# 1750
Delta R.T. -0.00 min
Lab File: VX016962.D
Acq: 25 Jun 2020 19:15

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:119 Resp: 42843
Ion Ratio Lower Upper
119 100
91 59.0 30.0 90.0
134 23.4 11.8 35.3

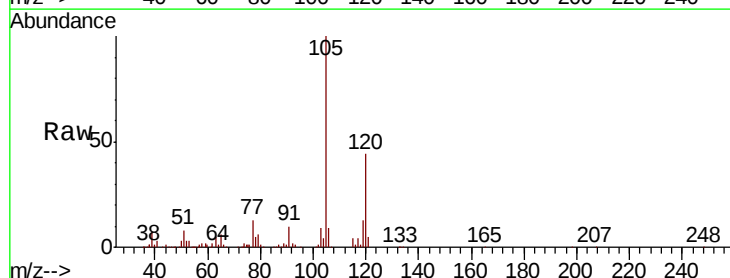


Abundance Ion 119.00 (118.70 to 119.70): V
Ion 91.00 (90.70 to 91.70): VX0
Ion 134.00 (133.70 to 134.70): V

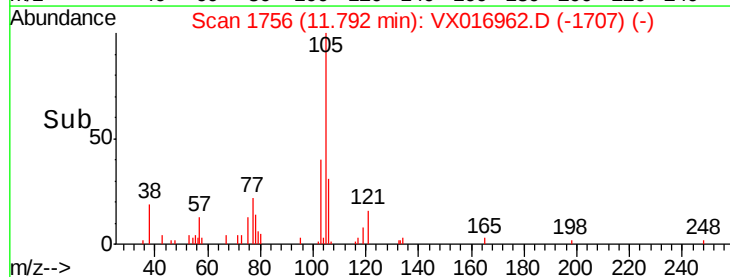
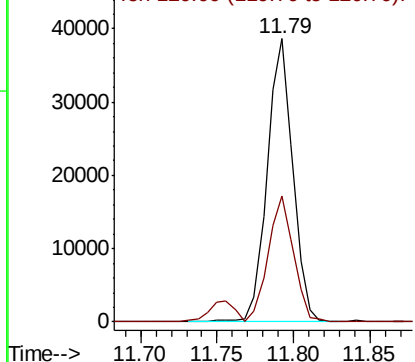


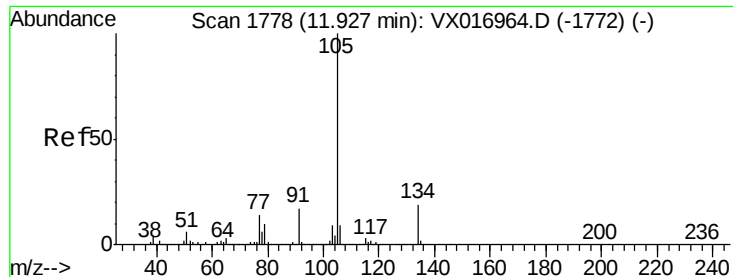
#84
1,2,4-Trimethylbenzene
Concen: 4.498 ug/l
RT: 11.79 min Scan# 1756
Delta R.T. -0.00 min
Lab File: VX016962.D
Acq: 25 Jun 2020 19:15

Tgt Ion:105 Resp: 45399
Ion Ratio Lower Upper
105 100
120 44.2 22.4 67.3



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 4.484 ug/l

RT: 11.93 min Scan# 1779

Delta R.T. 0.01 min

Lab File: VX016962.D

Acq: 25 Jun 2020 19:15

Instrument :

MSVOA_X

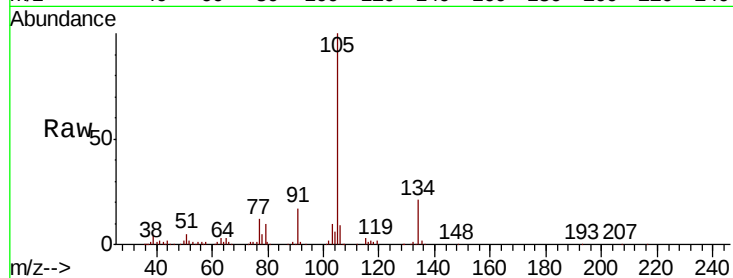
ClientSampleId :

Tot Ion:105 Resp: 50757

Ion Ratio Lower Upper

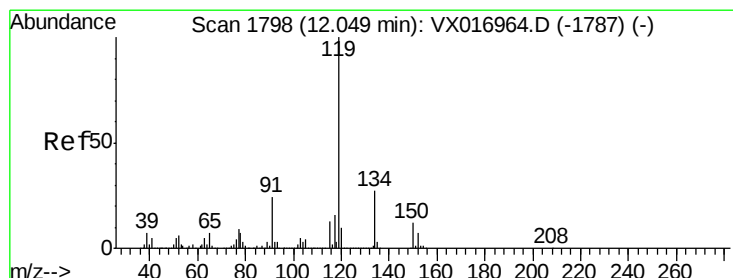
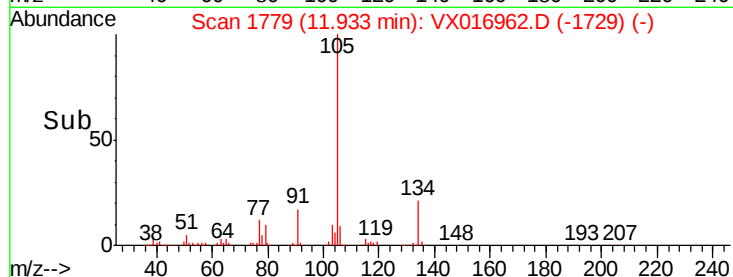
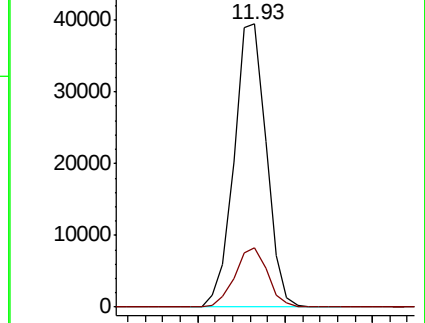
105 100

134 21.3 10.1 30.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 4.426 ug/l

RT: 12.05 min Scan# 1798

Delta R.T. -0.00 min

Lab File: VX016962.D

Acq: 25 Jun 2020 19:15

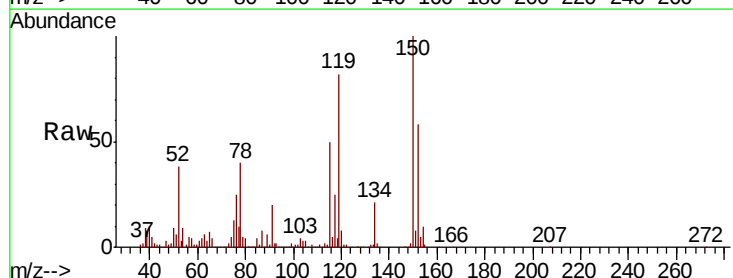
Tgt Ion:119 Resp: 45739

Ion Ratio Lower Upper

119 100

134 26.9 13.1 39.3

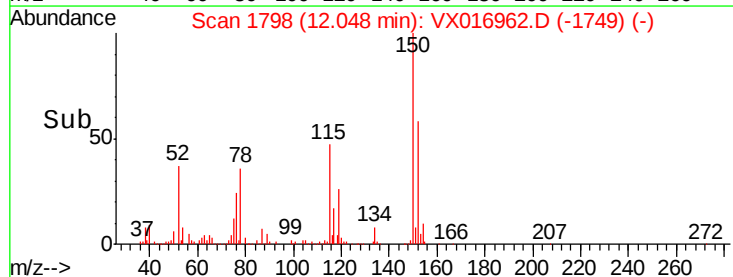
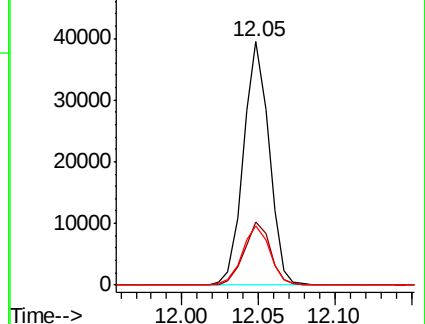
91 26.4 12.4 37.4

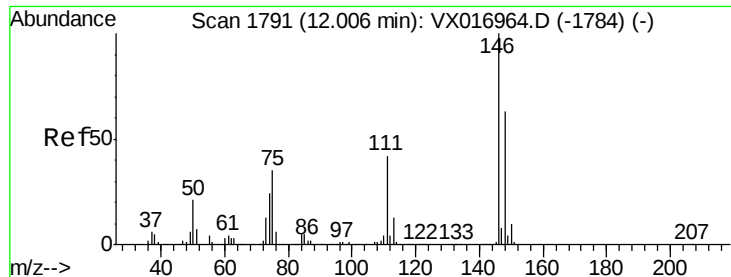


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0





#87

1,3-Dichlorobenzene

Concen: 5.229 ug/l

RT: 12.01 min Scan# 1792

Delta R.T. 0.01 min

Lab File: VX016962.D

Acq: 25 Jun 2020 19:15

Instrument :

MSVOA_X

ClientSampleId :

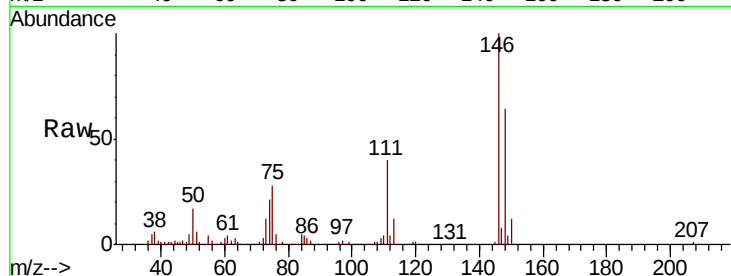
Tot Ion:146 Resp: 25702

Ion Ratio Lower Upper

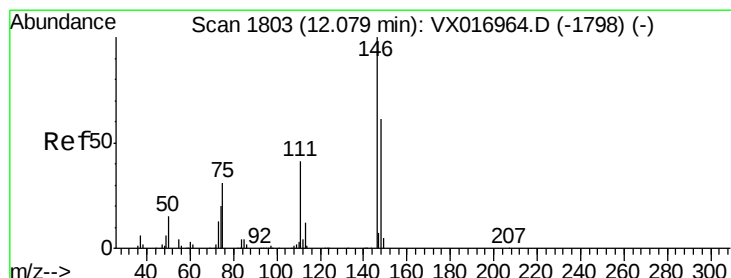
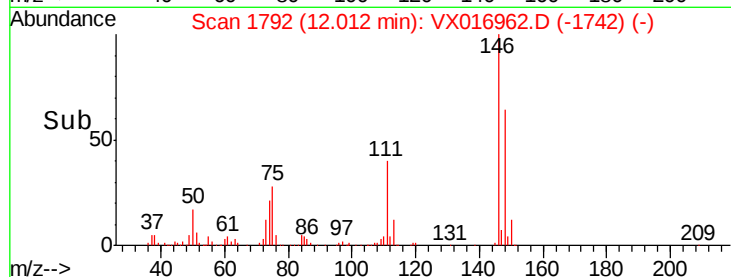
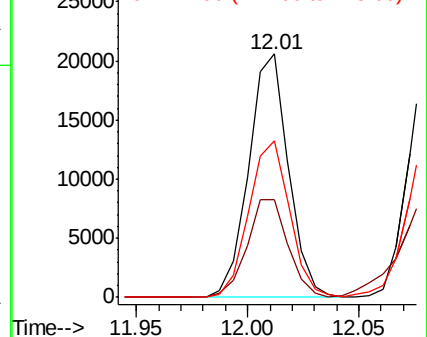
146 100

111 41.6 20.3 60.9

148 66.0 32.1 96.3



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: 5.266 ug/l

RT: 12.09 min Scan# 1804

Delta R.T. 0.01 min

Lab File: VX016962.D

Acq: 25 Jun 2020 19:15

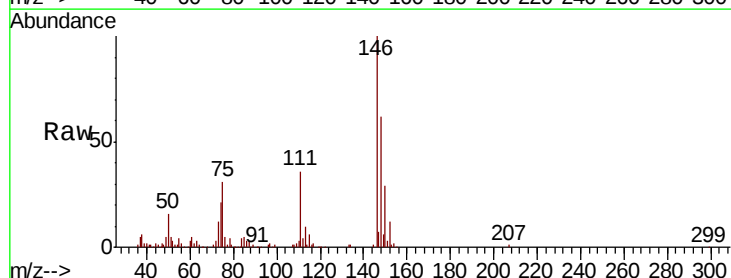
Tgt Ion:146 Resp: 26611

Ion Ratio Lower Upper

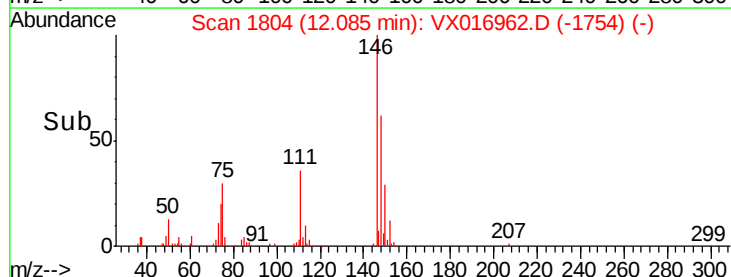
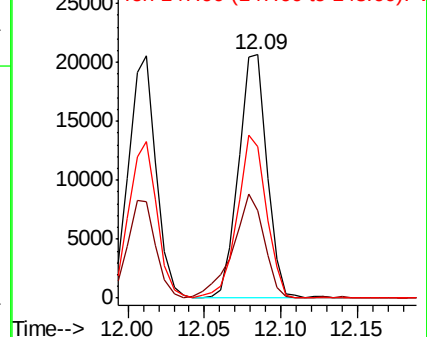
146 100

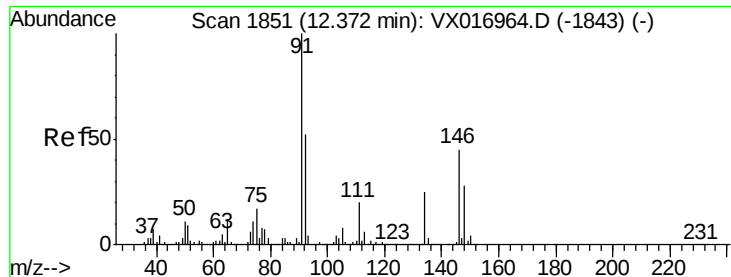
111 47.2 19.9 59.7

148 68.1 31.3 93.9



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

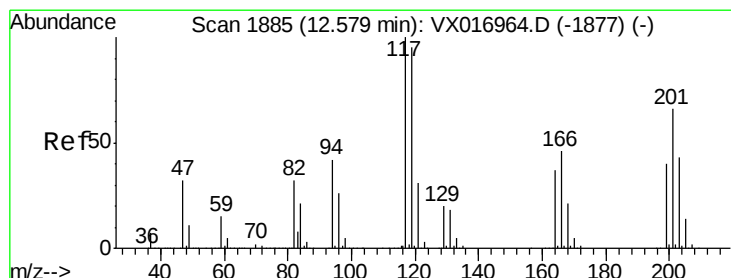
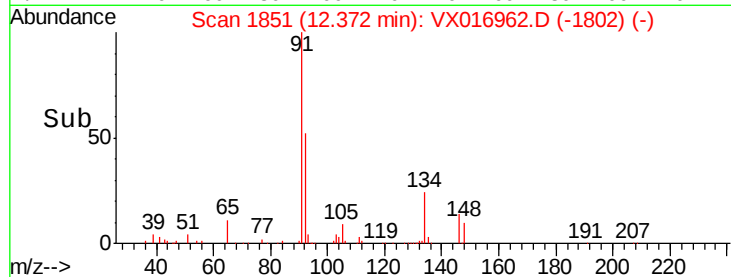
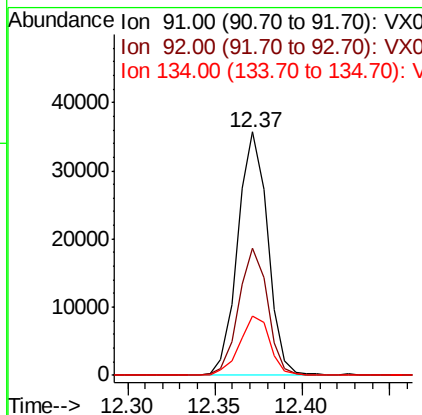
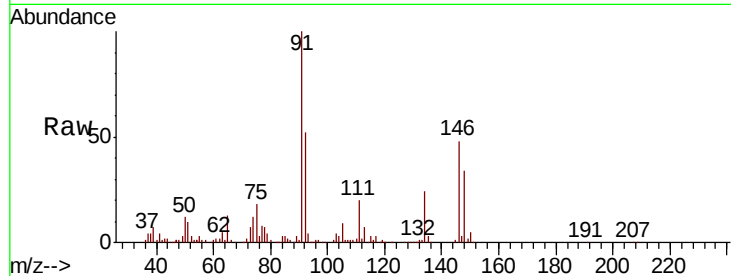




#89
n-Butylbenzene
Concen: 4.390 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. -0.00 min
Lab File: VX016962.D
Acq: 25 Jun 2020 19:15

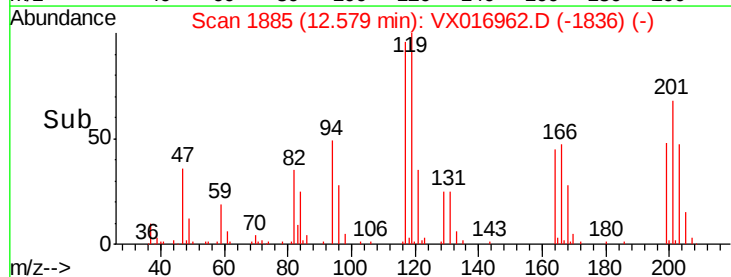
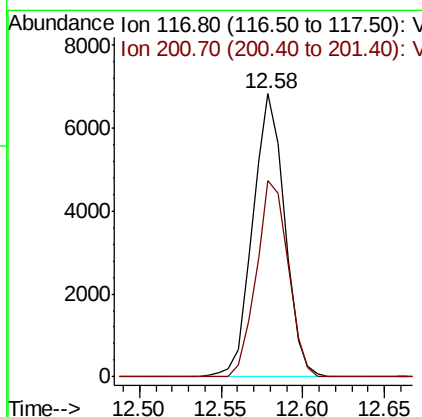
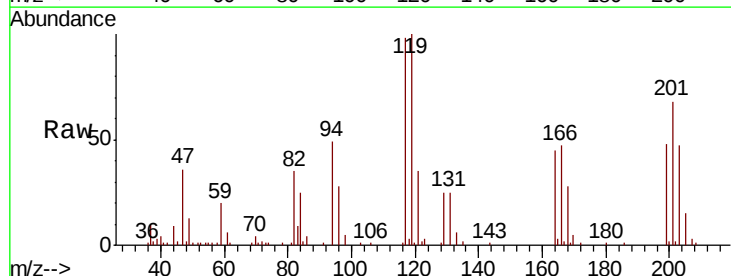
Instrument :
MSVOA_X
ClientSampleId :

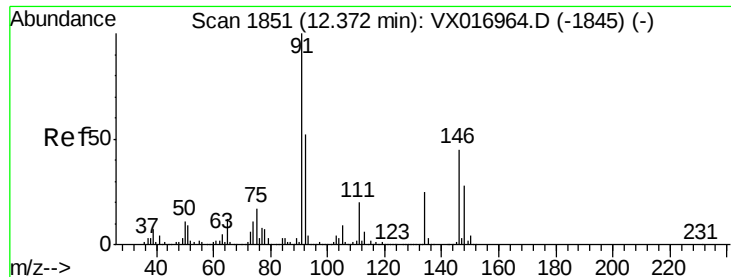
Tot Ion: 91 Resp: 42555
Ion Ratio Lower Upper
91 100
92 50.6 26.6 79.7
134 24.6 12.6 37.8



#90
Hexachloroethane
Concen: 5.556 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX016962.D
Acq: 25 Jun 2020 19:15

Tgt Ion: 117 Resp: 9343
Ion Ratio Lower Upper
117 100
201 68.6 34.0 102.0

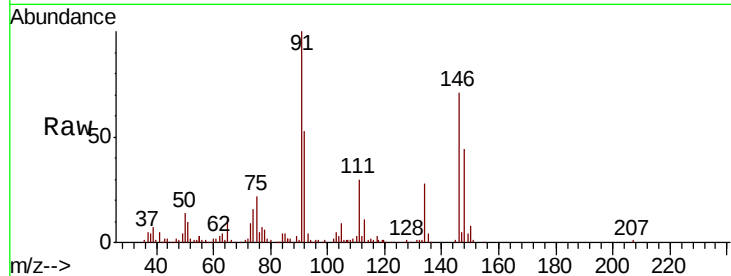




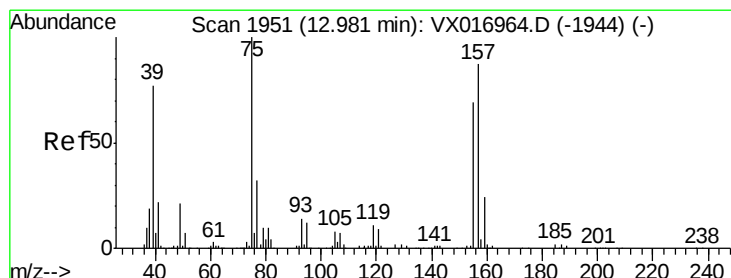
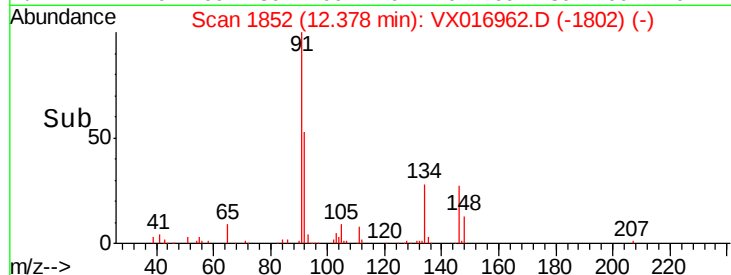
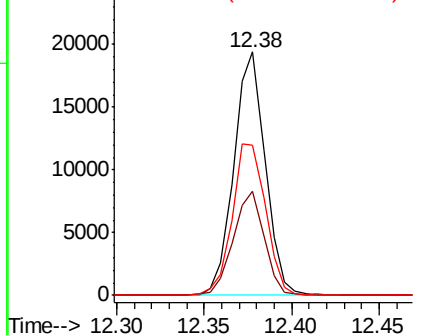
#91
 1,2-Dichlorobenzene
 Concen: 5.135 ug/l
 RT: 12.38 min Scan# 1852
 Delta R.T. 0.01 min
 Lab File: VX016962.D
 Acq: 25 Jun 2020 19:15

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion:146 Resp: 24230
 Ion Ratio Lower Upper
 146 100
 111 42.1 21.6 64.6
 148 66.7 31.9 95.7

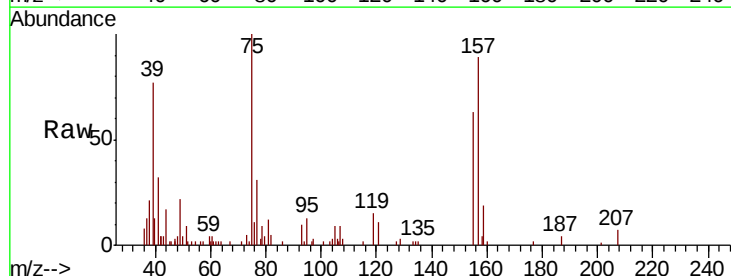


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

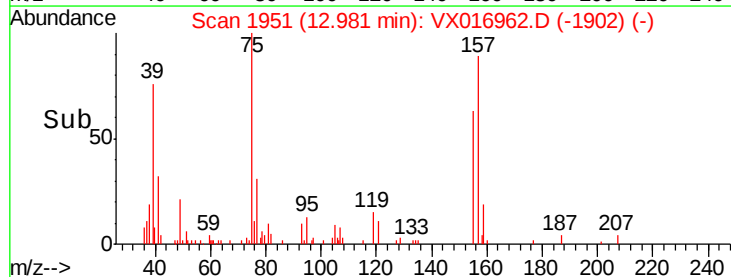
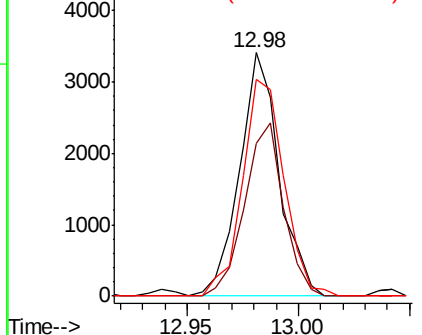


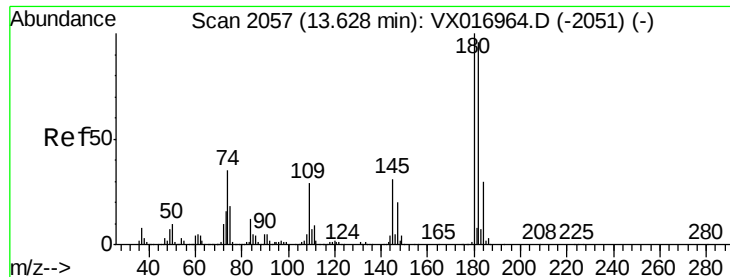
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 5.032 ug/l
 RT: 12.98 min Scan# 1951
 Delta R.T. -0.00 min
 Lab File: VX016962.D
 Acq: 25 Jun 2020 19:15

Tgt Ion: 75 Resp: 4226
 Ion Ratio Lower Upper
 75 100
 155 70.1 39.0 117.0
 157 93.8 50.0 150.1



Abundance Ion 74.90 (74.60 to 75.60): VX0
 Ion 154.80 (154.50 to 155.50): V
 Ion 156.80 (156.50 to 157.50): V

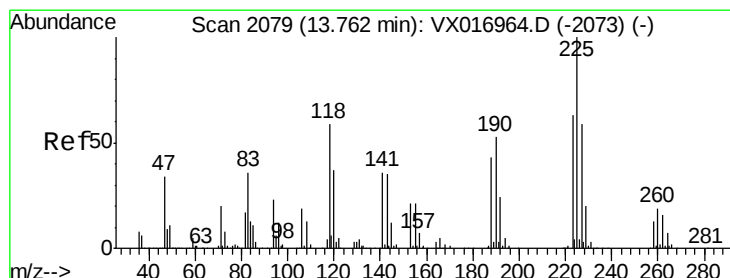
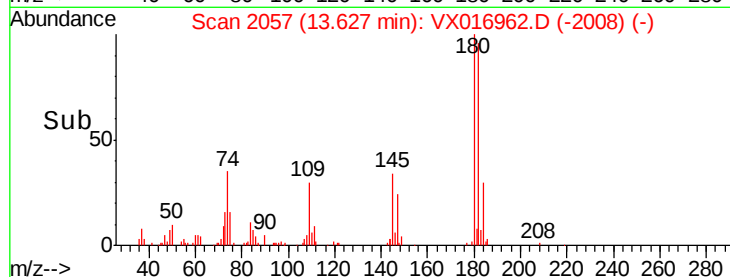
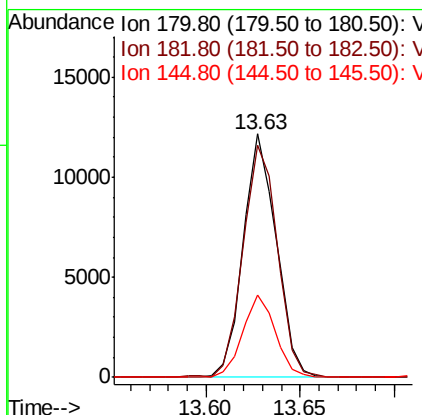
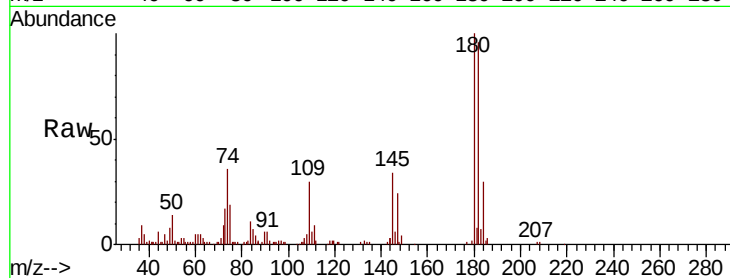




#93
 1,2,4-Trichlorobenzene
 Concen: 4.849 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. -0.00 min
 Lab File: VX016962.D
 Acq: 25 Jun 2020 19:15

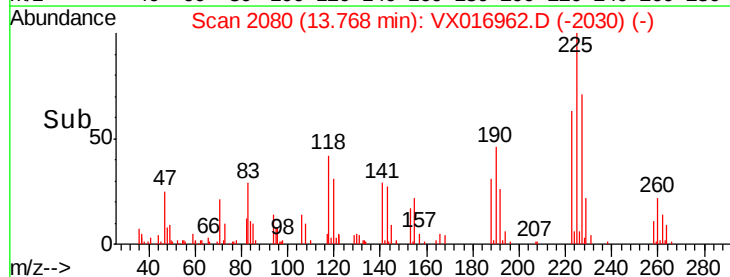
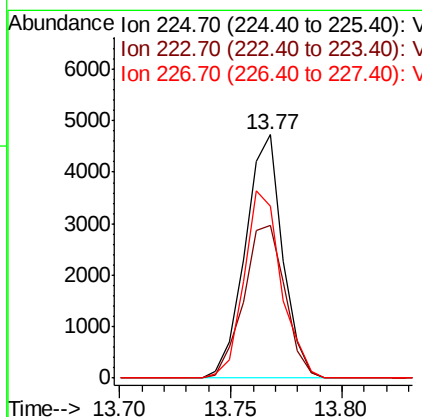
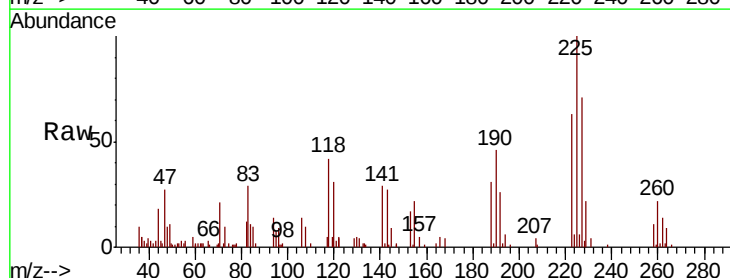
Instrument :
 MSVOA_X
 ClientSampleId :

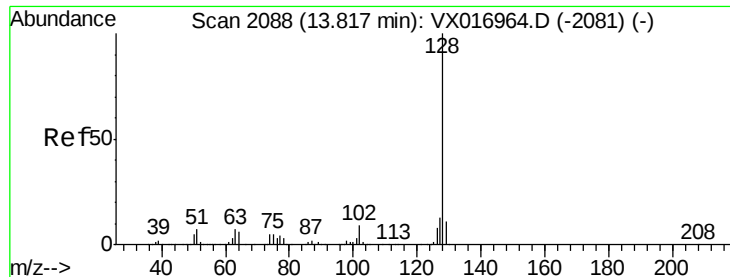
Tot Ion	Ratio	Lower	Upper
180	100		
182	99.1	46.4	139.1
145	33.0	15.5	46.5



#94
 Hexachlorobutadiene
 Concen: 5.126 ug/l
 RT: 13.77 min Scan# 2080
 Delta R.T. 0.01 min
 Lab File: VX016962.D
 Acq: 25 Jun 2020 19:15

Tgt Ion	Ratio	Lower	Upper
225	100		
223	68.9	31.1	93.2
227	76.9	30.3	90.9





#95

Naphthalene

Concen: 4.384 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. -0.00 min

Lab File: VX016962.D

Acq: 25 Jun 2020 19:15

Instrument :

MSVOA_X

ClientSampleId :

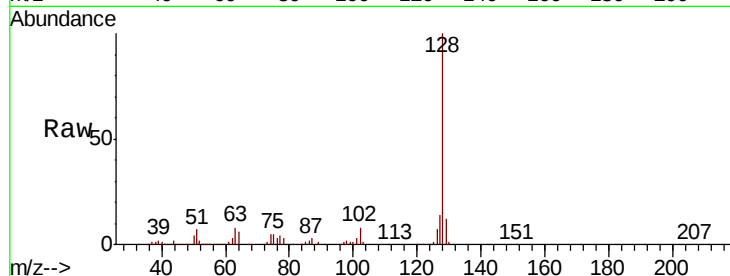
Tot Ion:128 Resp: 48009

Ion Ratio Lower Upper

128 100

127 13.1 10.6 15.8

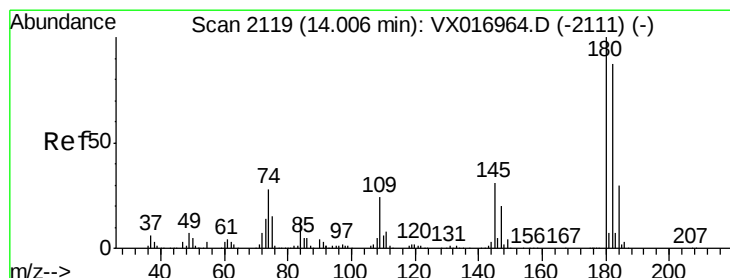
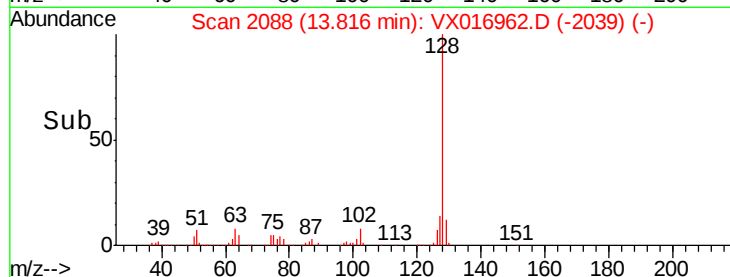
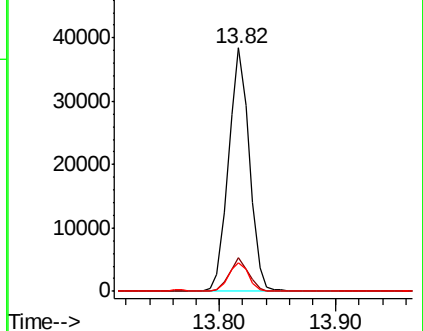
129 11.1 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 5.001 ug/l

RT: 14.00 min Scan# 2118

Delta R.T. -0.01 min

Lab File: VX016962.D

Acq: 25 Jun 2020 19:15

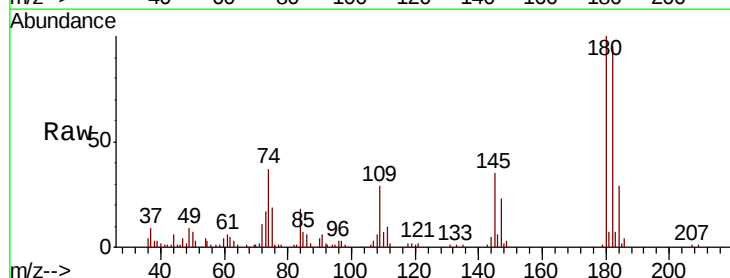
Tgt Ion:180 Resp: 14536

Ion Ratio Lower Upper

180 100

182 97.6 47.8 143.3

145 35.6 16.9 50.6



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

