

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX070220\
 Data File : VX07140.D
 Acq On : 02 Jul 2020 11:50
 Operator : JC/SP
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jul 03 00:46:24 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X062520W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Jun 26 09:03:25 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	4.98	128	45794	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.83	114	237525	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.10	117	228998	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.03	65	98894	27.75	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	92.50%
60) 4-Bromofluorobenzene	11.12	95	114385	29.95	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	99.83%
63) Toluene-d8	8.70	98	295770	29.30	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	97.67%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.18	85	49507	22.232	ug/l 95
3) Chloromethane	1.31	50	50567	16.745	ug/l 99
4) Vinyl Chloride	1.39	62	49601	16.106	ug/l 94
5) Bromomethane	1.63	94	34662	15.632	ug/l 100
6) Chloroethane	1.72	64	32196	16.210	ug/l 97
7) Trichlorofluoromethane	1.92	101	87047	17.380	ug/l 98
8) Diethyl Ether	2.17	74	28986	15.906	ug/l 99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	47399	17.832	ug/l 91
10) 1,1-Dichloroethene	2.36	96	44899	17.127	ug/l 93
11) Methyl Iodide	2.49	142	61619	17.604	ug/l 98
12) Methyl Acetate	2.75	43	57468	17.378	ug/l 99
13) Acrolein	2.27	56	44160	84.630	ug/l 100
14) Acrylonitrile	3.11	53	131559	83.998	ug/l 99
15) Acetone	2.42	58	29983	73.973	ug/l 90
16) Carbon Disulfide	2.55	76	139932	16.979	ug/l 98
17) Allyl chloride	2.71	41	84122	17.141	ug/l 94
18) Methylene Chloride	2.84	84	55844	17.686	ug/l 88
19) trans-1,2-Dichloroethene	3.14	96	53994	18.178	ug/l 99
20) Diisopropyl ether	3.82	45	170701	17.405	ug/l 90
21) 1,1-Dichloroethane	3.67	63	93583	17.304	ug/l 99
22) cis-1,2-Dichloroethene	4.56	96	59328	17.940	ug/l 96
23) tert-Butyl Alcohol	3.01	59	53308	76.836	ug/l # 100
24) Methyl tert-Butyl Ether	3.17	73	168093	17.957	ug/l 99
25) Chloroform	5.18	83	100173	18.269	ug/l 99
26) Cyclohexane	5.55	56	80191	16.998	ug/l # 95
29) 1,1-Dichloropropene	5.77	75	75294	19.459	ug/l 98
30) 2-Butanone	4.63	43	174872	86.704	ug/l # 96
31) 2,2-Dichloropropane	4.54	77	90344	20.359	ug/l 98
32) 1,1,1-Trichloroethane	5.46	97	92045	19.659	ug/l 98
33) Carbon Tetrachloride	5.75	117	85957	20.702	ug/l 96
34) Benzene	6.11	78	213838	18.980	ug/l 98
35) Methacrylonitrile	5.00	41	39690	17.831	ug/l 97
36) 1,2-Dichloroethane	6.16	62	81840	18.966	ug/l 100
37) Trichloroethene	7.18	130	64783	21.072	ug/l 85
38) Methylcyclohexane	7.44	83	83209	18.883	ug/l 99
39) 1,2-Dichloropropane	7.49	63	55682	18.970	ug/l 95
40) Dibromomethane	7.63	93	38543	19.052	ug/l 90

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Quant Time: Jul 03 00:46:24 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X062520W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Jun 26 09:03:25 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Bromodichloromethane	7.87	83	81065	19.351	ug/l	94
42) Vinyl Acetate	3.78	43	733864	90.293	ug/l	98
43) Ethyl Acetate	4.79	43	72997	17.473	ug/l	99
44) Isopropyl Acetate	6.41	43	119527	17.358	ug/l	99
45) 1,4-Dioxane	7.71	88	22932	330.095	ug/l	95
46) Methyl methacrylate	7.74	41	57112	17.922	ug/l	94
47) n-amyl Acetate	10.88	43	101314	16.645	ug/l	96
48) t-1,3-Dichloropropene	9.02	75	86623	18.702	ug/l	95
49) cis-1,3-Dichloropropene	8.42	75	93628	19.234	ug/l	95
50) 1,1,2-Trichloroethane	9.20	97	55687	19.724	ug/l	95
51) Ethyl methacrylate	9.16	69	79075	18.250	ug/l	95
52) 1,3-Dichloropropane	9.35	76	93674	19.325	ug/l	97
53) Dibromochloromethane	9.56	129	66856	20.602	ug/l	100
54) 1,2-Dibromoethane	9.65	107	60480	20.188	ug/l	100
55) 2-Chloroethyl vinyl ether	8.29	63	197433	86.589	ug/l	98
56) Bromoform	10.84	173	51372	22.301	ug/l	98
58) 4-Methyl-2-Pentanone	8.62	43	363665	86.213	ug/l	96
59) 2-Hexanone	9.47	43	272289	86.493	ug/l	97
61) Tetrachloroethene	9.32	164	64329	22.027	ug/l	92
62) Toluene	8.76	91	231462	18.480	ug/l	97
64) Chlorobenzene	10.12	112	150166	19.137	ug/l	99
65) 1,1,1,2-Tetrachloroethane	10.20	131	60652	20.532	ug/l	96
66) Ethyl Benzene	10.23	91	258671	18.623	ug/l	98
67) m/p-Xylenes	10.34	106	203167	38.775	ug/l	98
68) o-Xylene	10.68	106	94276	18.731	ug/l	98
69) Styrene	10.70	104	163168	18.934	ug/l	97
70) Isopropylbenzene	11.00	105	259101	18.980	ug/l	99
71) 1,1,2,2-Tetrachloroethane	11.25	83	75545	18.019	ug/l	99
72) 1,2,3-Trichloropropane	11.28	75	96078	23.863	ug/l	88
73) Bromobenzene	11.24	156	70724	20.528	ug/l	94
74) n-propylbenzene	11.34	91	302846	18.684	ug/l	99
75) 2-Chlorotoluene	11.40	91	181164	19.167	ug/l	99
76) 1,3,5-Trimethylbenzene	11.49	105	224217	19.567	ug/l	100
77) t-1,4-Dichloro-2-butene	11.05	75	27152	16.641	ug/l	93
78) 4-Chlorotoluene	11.49	91	217551	19.440	ug/l	99
79) tert-butylbenzene	11.76	119	214999	19.586	ug/l	99
80) 1,2,4-Trimethylbenzene	11.79	105	226518	19.691	ug/l	98
81) sec-Butylbenzene	11.93	105	253161	19.049	ug/l	99
82) p-Isopropyltoluene	12.05	119	243655	20.305	ug/l	99
83) 1,3-Dichlorobenzene	12.01	146	127571	20.662	ug/l	99
84) 1,4-Dichlorobenzene	12.08	146	131771	21.242	ug/l	98
85) n-Butylbenzene	12.37	91	203909	18.358	ug/l	97
86) Hexachloroethane	12.58	117	45232	19.261	ug/l	87
87) 1,2-Dichlorobenzene	12.38	146	119970	20.760	ug/l	100
88) 1,2-Dibromo-3-Chloropropan	12.98	75	17420	18.263	ug/l	92
89) 1,2,4-Trichlorobenzene	13.63	180	81454	20.892	ug/l	97
90) Hexachlorobutadiene	13.76	225	35236	23.758	ug/l	99
91) Naphthalene	13.82	128	244408	19.125	ug/l	99
92) 1,2,3-Trichlorobenzene	14.01	180	81470	21.412	ug/l	99

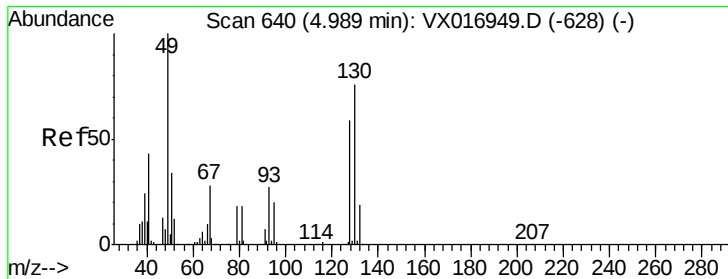
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 4.98 min Scan# 639

Delta R.T. -0.01 min

Lab File: VX017140.D

Acq: 02 Jul 2020 11:50

Instrument :
MSVOA_X
ClientSampled :

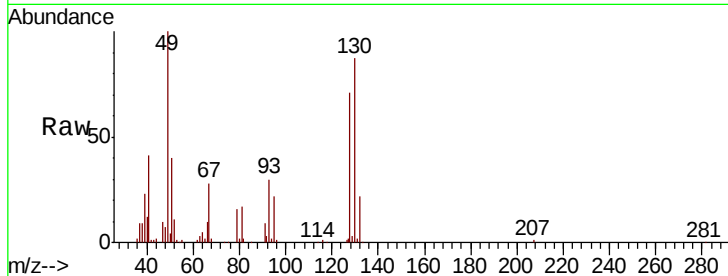
Tot Ion:128 Resp: 45794

Ion Ratio Lower Upper

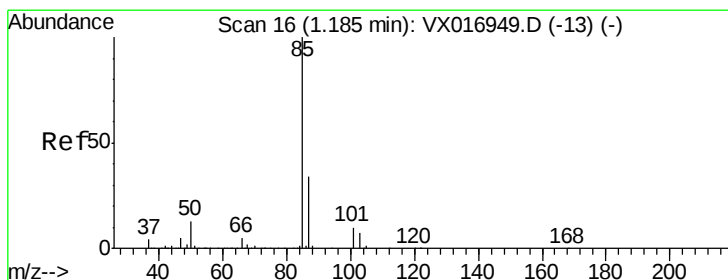
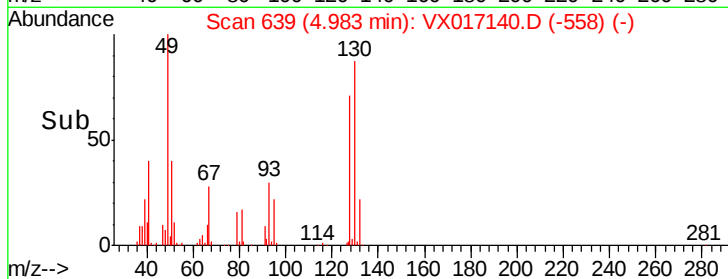
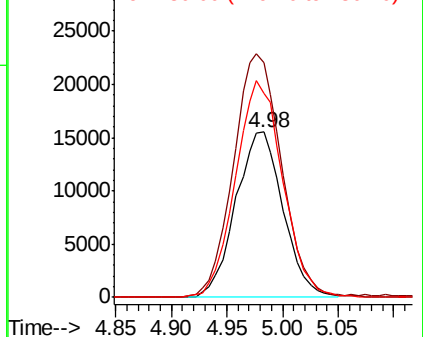
128 100

49 149.9 0.0 428.0

130 131.1 0.0 318.0



Abundance Ion 128.00 (127.70 to 128.70): V
Ion 49.00 (48.70 to 49.70): VX0
Ion 130.00 (129.70 to 130.70): V



#2

Dichlorodifluoromethane

Concen: 22.232 ug/l

RT: 1.18 min Scan# 16

Delta R.T. -0.00 min

Lab File: VX017140.D

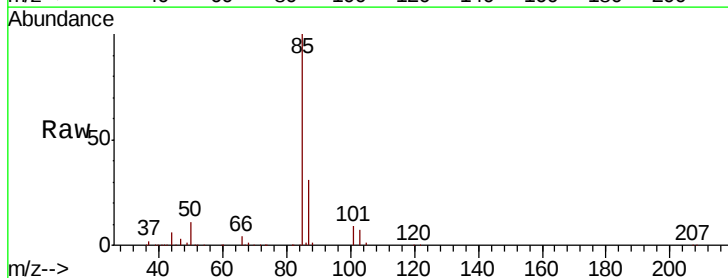
Acq: 02 Jul 2020 11:50

Tgt Ion: 85 Resp: 49507

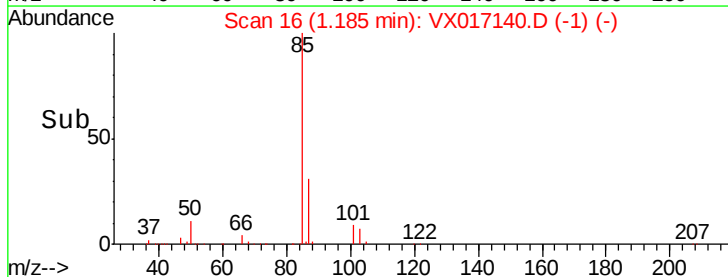
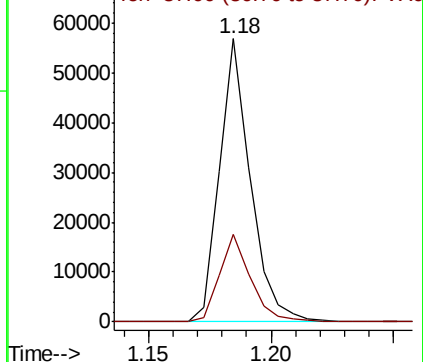
Ion Ratio Lower Upper

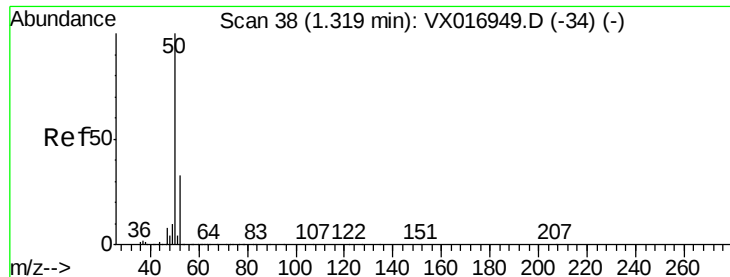
85 100

87 31.1 16.9 50.7



Abundance Ion 85.00 (84.70 to 85.70): VX0
Ion 87.00 (86.70 to 87.70): VX0





#3

Chloromethane

Concen: 16.745 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.01 min

Lab File: VX017140.D

Acq: 02 Jul 2020 11:50

Instrument :

MSVOA_X

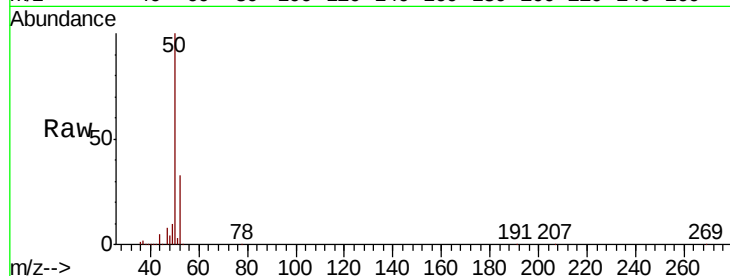
ClientSampleId :

Tot Ion: 50 Resp: 50567

Ion Ratio Lower Upper

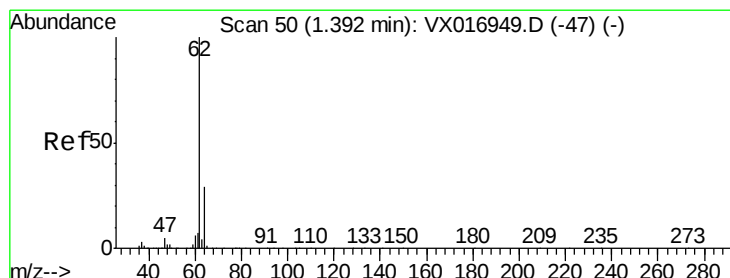
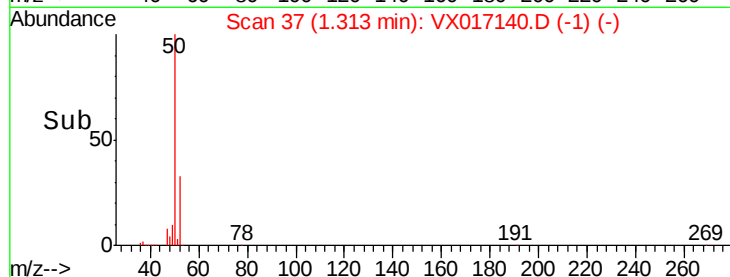
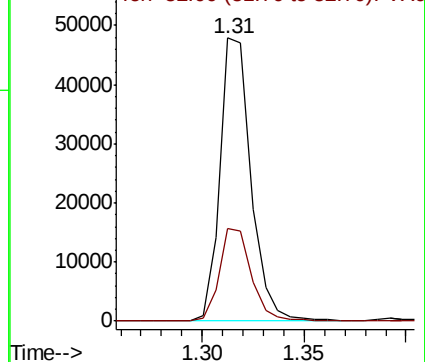
50 100

52 32.5 26.5 39.7



Abundance Ion 50.00 (49.70 to 50.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#4

Vinyl Chloride

Concen: 16.106 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX017140.D

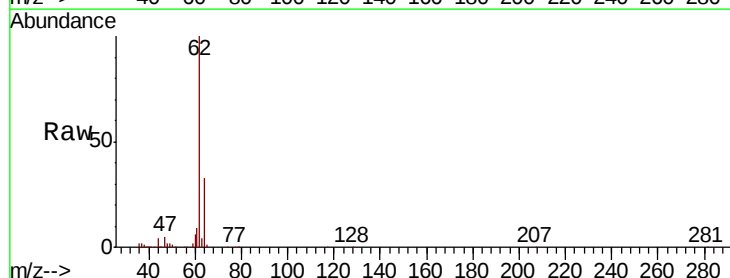
Acq: 02 Jul 2020 11:50

Tgt Ion: 62 Resp: 49601

Ion Ratio Lower Upper

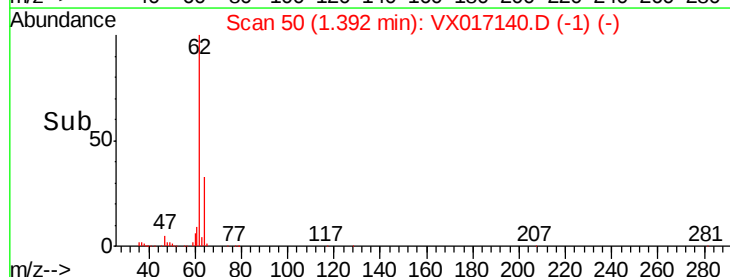
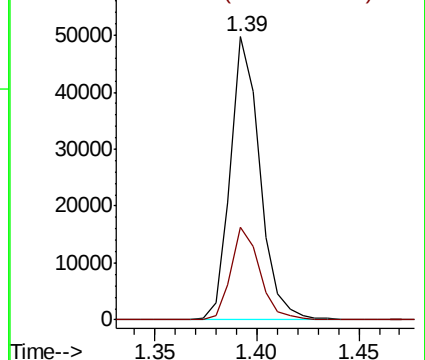
62 100

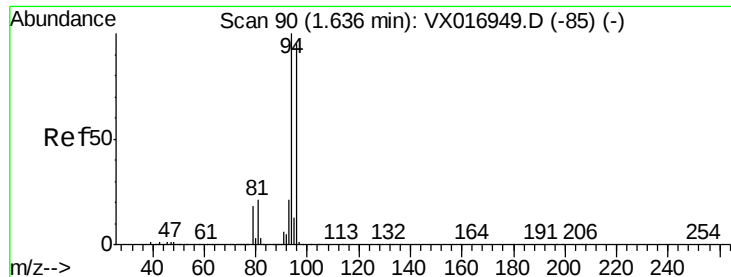
64 32.6 23.4 35.0



Abundance Ion 62.00 (61.70 to 62.70): VX0

Ion 64.00 (63.70 to 64.70): VX0





#5

Bromomethane

Concen: 15.632 ug/l

RT: 1.63 min Scan# 89

Delta R.T. -0.01 min

Lab File: VX017140.D

Acq: 02 Jul 2020 11:50

Instrument :

MSVOA_X

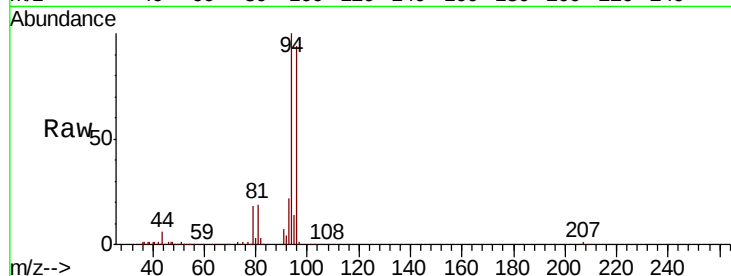
ClientSampled :

Tot Ion: 94 Resp: 34662

Ion Ratio Lower Upper

94 100

96 94.5 75.5 113.3

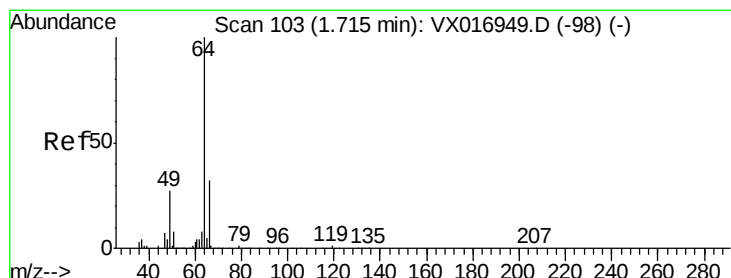
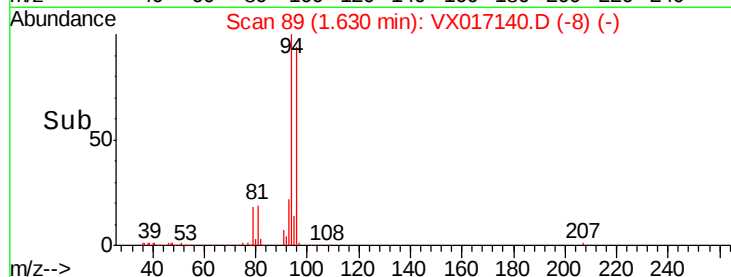


Abundance Ion 94.00 (93.70 to 94.70): VX0

Ion 96.00 (95.70 to 96.70): VX0

1.63

Time-->



#6

Chloroethane

Concen: 16.210 ug/l

RT: 1.72 min Scan# 103

Delta R.T. -0.00 min

Lab File: VX017140.D

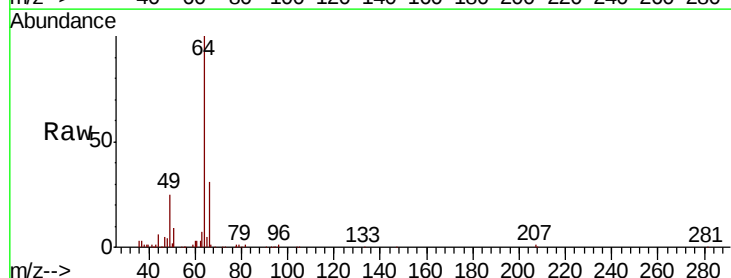
Acq: 02 Jul 2020 11:50

Tgt Ion: 64 Resp: 32196

Ion Ratio Lower Upper

64 100

66 31.0 26.1 39.1

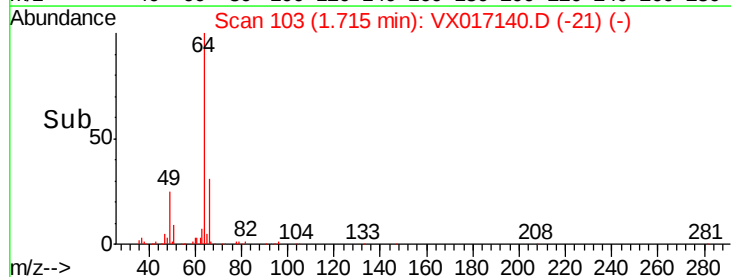


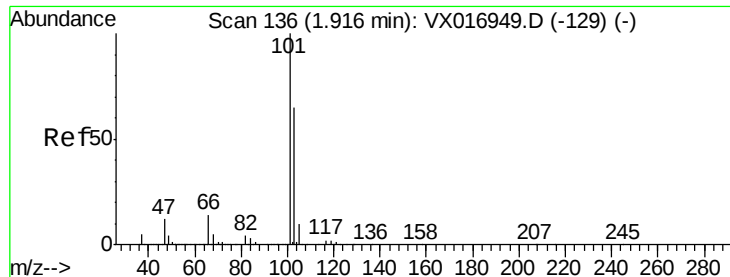
Abundance Ion 64.00 (63.70 to 64.70): VX0

Ion 66.00 (65.70 to 66.70): VX0

1.72

Time-->



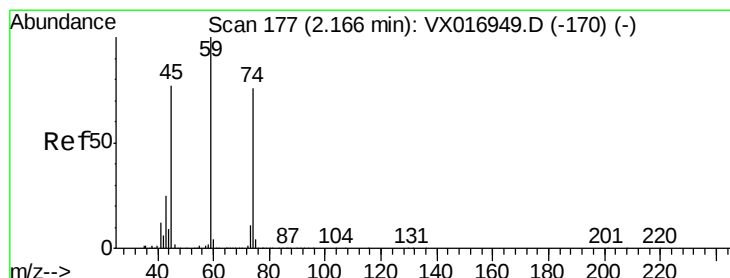
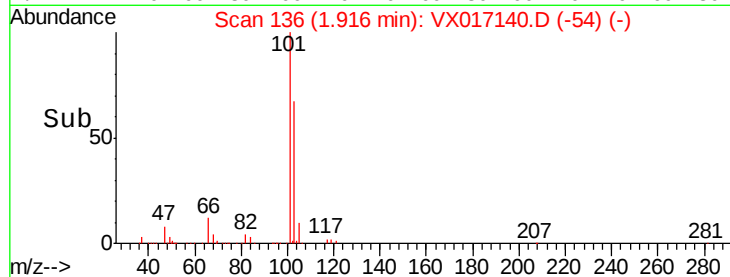
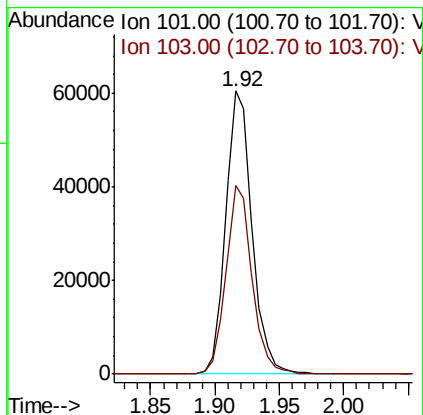
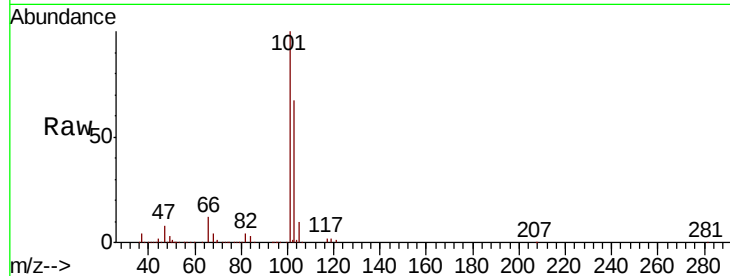


#7

Trichlorofluoromethane
 Concen: 17.380 ug/l
 RT: 1.92 min Scan# 136
 Delta R.T. -0.00 min
 Lab File: VX017140.D
 Acq: 02 Jul 2020 11:50

Instrument :
 MSVOA_X
 ClientSampleId :

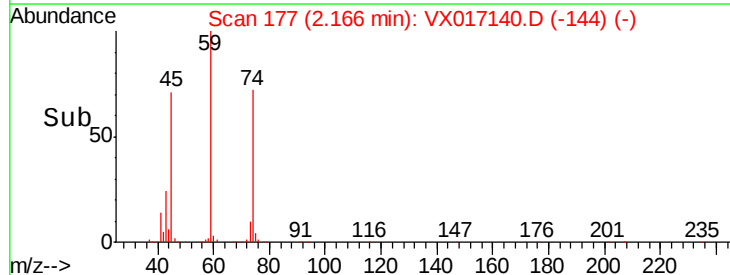
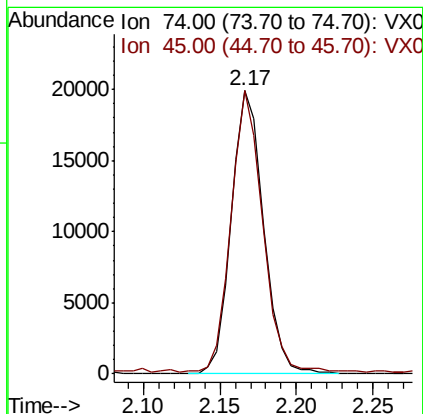
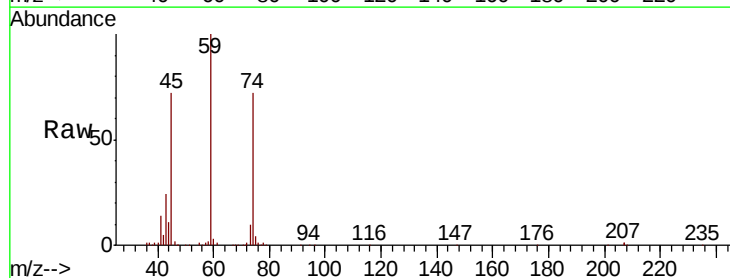
Tot Ion:101 Resp: 87047
 Ion Ratio Lower Upper
 101 100
 103 66.6 52.1 78.1

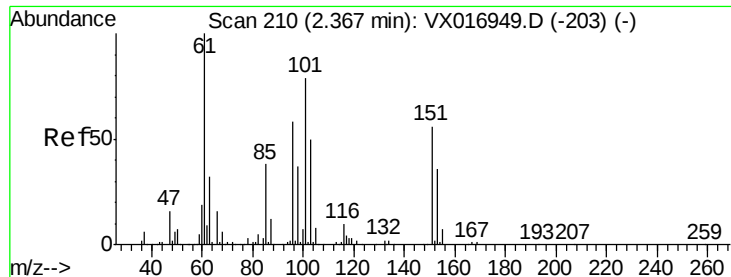


#8

Diethyl Ether
 Concen: 15.906 ug/l
 RT: 2.17 min Scan# 177
 Delta R.T. -0.00 min
 Lab File: VX017140.D
 Acq: 02 Jul 2020 11:50

Tgt Ion: 74 Resp: 28986
 Ion Ratio Lower Upper
 74 100
 45 97.5 19.8 178.2





#9

1,1,2-Trichlorotrifluoroethane

Concen: 17.832 ug/l

RT: 2.37 min Scan# 210

Delta R.T. -0.00 min

Lab File: VX017140.D

Acq: 02 Jul 2020 11:50

Instrument :

MSVOA_X

ClientSampleId :

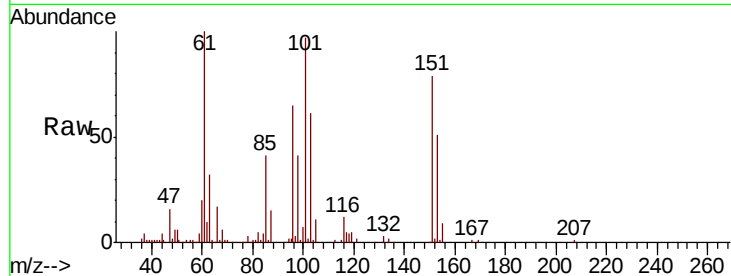
Tot Ion:101 Resp: 47399

Ion Ratio Lower Upper

101 100

85 43.5 0.0 94.6

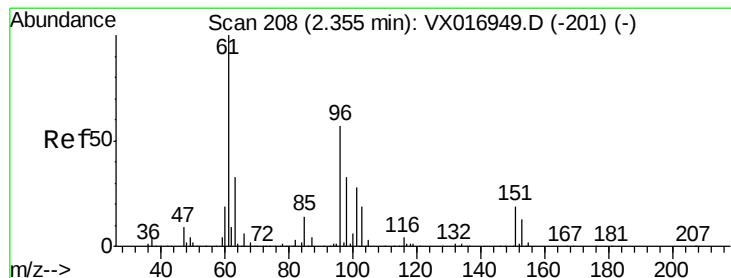
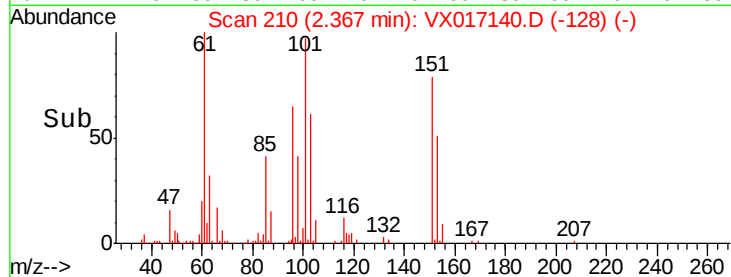
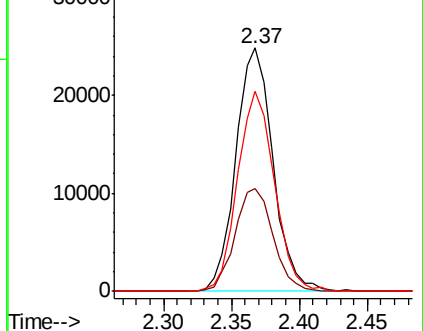
151 81.8 0.0 145.8



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VX0

Ion 151.00 (150.70 to 151.70): V



#10

1,1-Dichloroethene

Concen: 17.127 ug/l

RT: 2.36 min Scan# 208

Delta R.T. -0.00 min

Lab File: VX017140.D

Acq: 02 Jul 2020 11:50

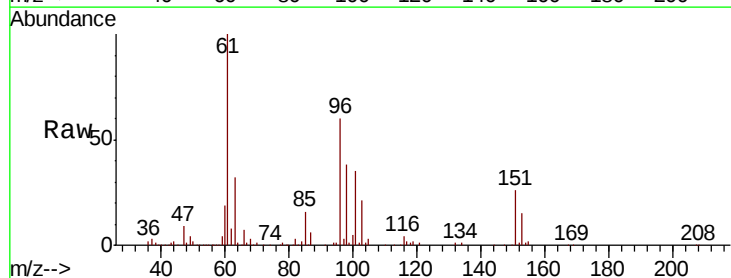
Tgt Ion: 96 Resp: 44899

Ion Ratio Lower Upper

96 100

61 166.3 141.3 211.9

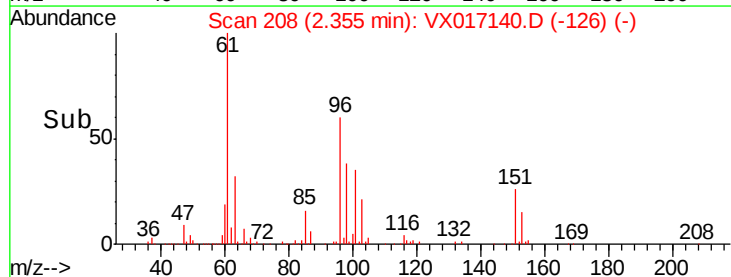
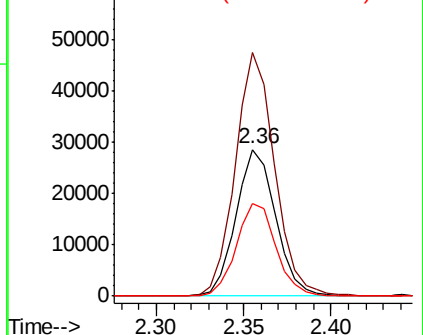
98 63.6 47.0 70.4

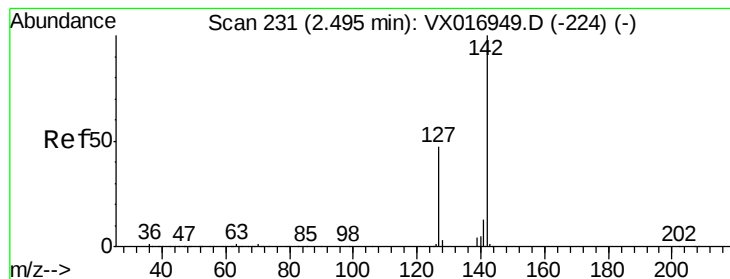


Abundance Ion 96.00 (95.70 to 96.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 98.00 (97.70 to 98.70): VX0





#11

Methvl Iodide

Concen: 17.604 ug/l

RT: 2.49 min Scan# 230

Delta R.T. -0.01 min

Lab File: VX017140.D

Acq: 02 Jul 2020 11:50

Instrument :
MSVOA_X
ClientSampleId :

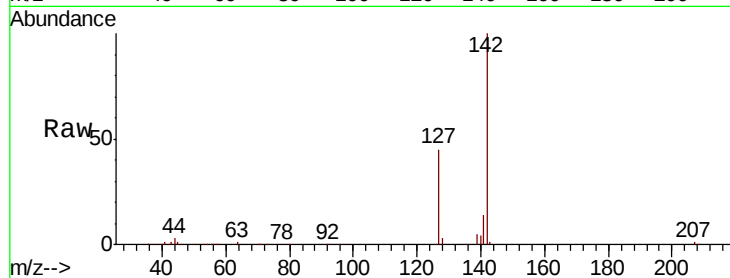
Tot Ion:142 Resp: 61619

Ion Ratio Lower Upper

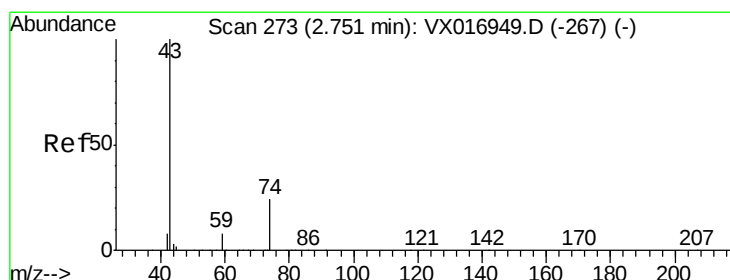
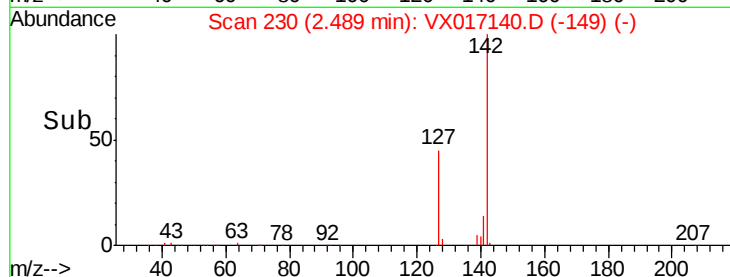
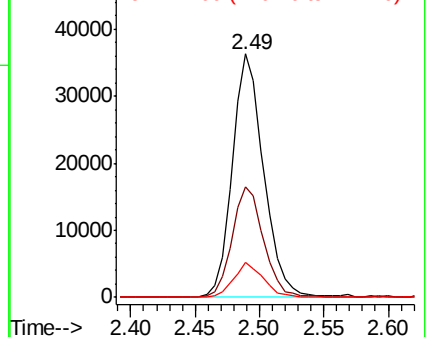
142 100

127 45.2 23.3 69.9

141 14.5 6.7 20.1



Abundance Ion 142.00 (141.70 to 142.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 141.00 (140.70 to 141.70): V



#12

Methyl Acetate

Concen: 17.378 ug/l

RT: 2.75 min Scan# 272

Delta R.T. -0.01 min

Lab File: VX017140.D

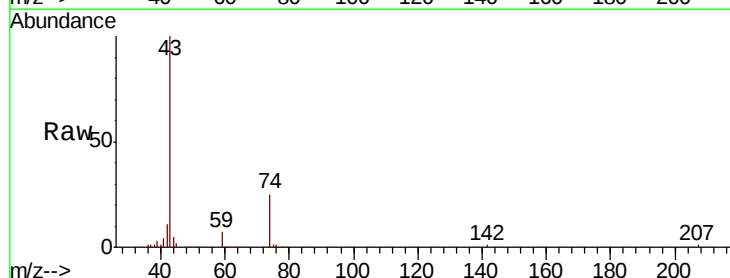
Acq: 02 Jul 2020 11:50

Tgt Ion: 43 Resp: 57468

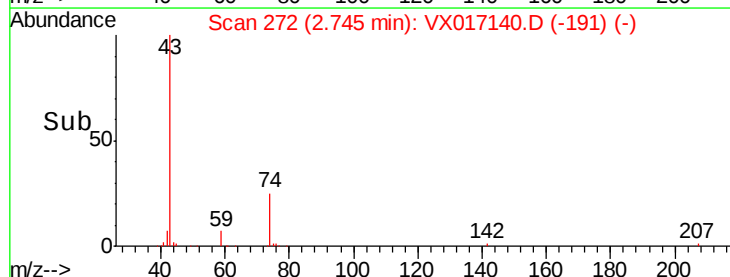
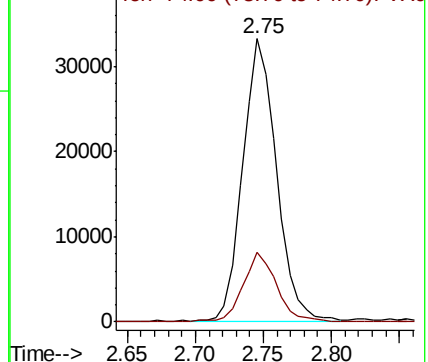
Ion Ratio Lower Upper

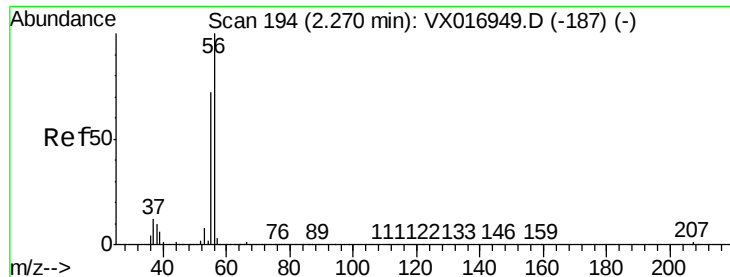
43 100

74 24.6 19.1 28.7



Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 74.00 (73.70 to 74.70): VX0





#13

Acrolein

Concen: 84.630 ug/l

RT: 2.27 min Scan# 194

Delta R.T. -0.00 min

Lab File: VX017140.D

Acq: 02 Jul 2020 11:50

Instrument :

MSVOA_X

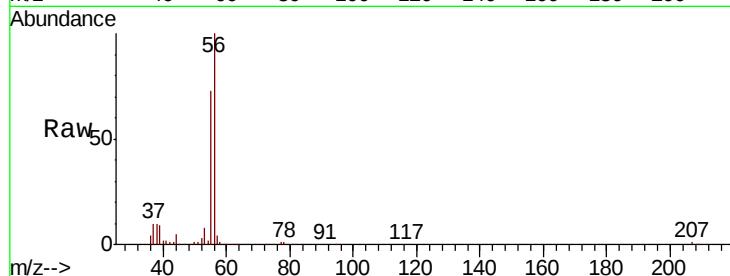
ClientSampleId :

Tot Ion: 56 Resp: 44160

Ion Ratio Lower Upper

56 100

55 70.6 56.2 84.4



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

2.27

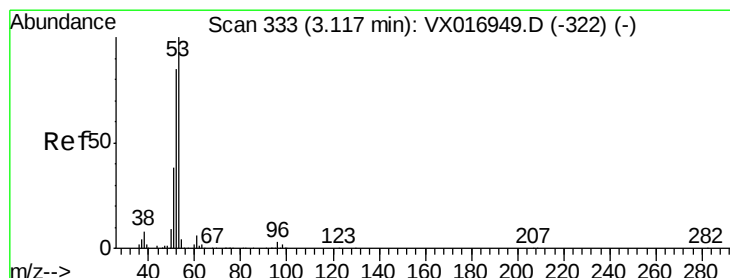
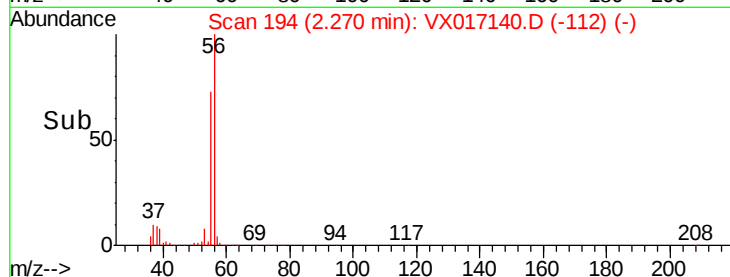
30000

20000

10000

0

Time--> 2.20 2.25 2.30



#14

Acrylonitrile

Concen: 83.998 ug/l

RT: 3.11 min Scan# 332

Delta R.T. -0.01 min

Lab File: VX017140.D

Acq: 02 Jul 2020 11:50

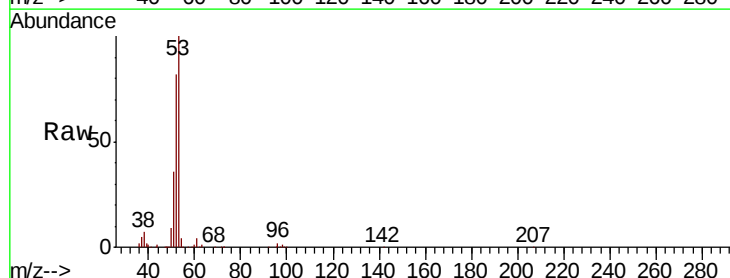
Tgt Ion: 53 Resp: 131559

Ion Ratio Lower Upper

53 100

52 81.5 40.6 121.8

51 35.4 18.4 55.4



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0

80000

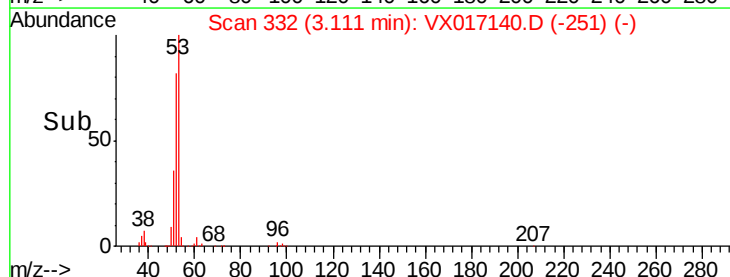
60000

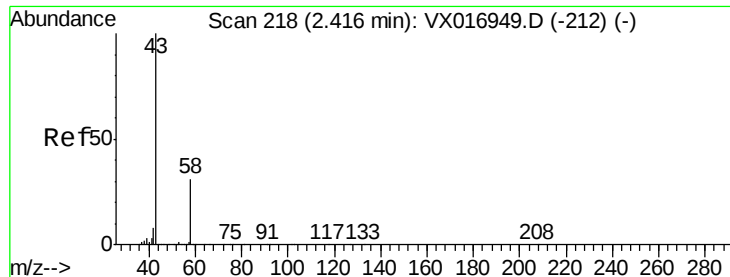
40000

20000

0

Time--> 3.00 3.10 3.20





#15

Acetone

Concen: 73.973 ug/l

RT: 2.42 min Scan# 218

Delta R.T. -0.00 min

Lab File: VX017140.D

Acq: 02 Jul 2020 11:50

Instrument :

MSVOA_X

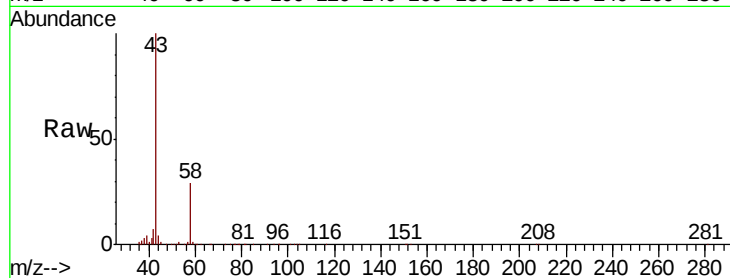
ClientSampleId :

Tot Ion: 58 Resp: 29983

Ion Ratio Lower Upper

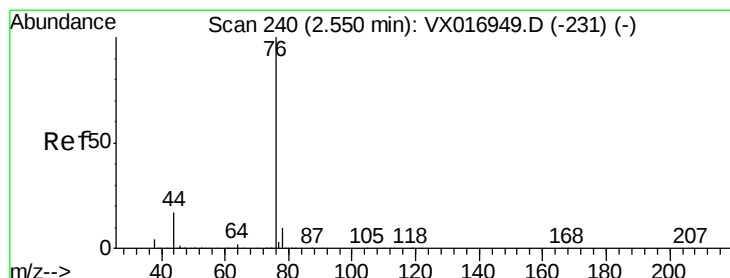
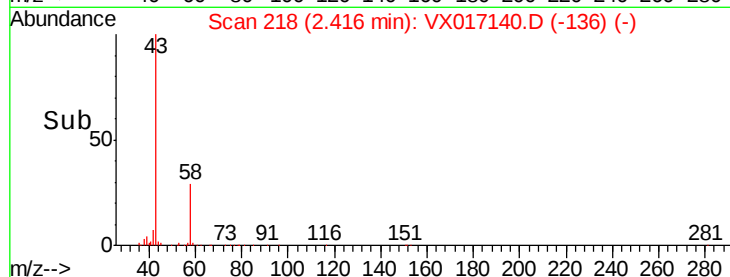
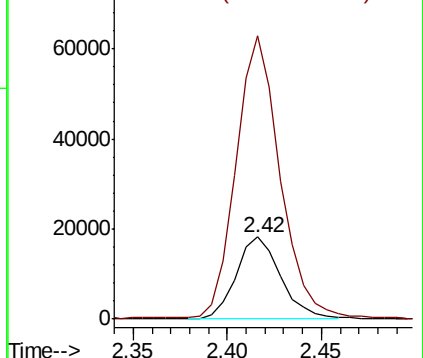
58 100

43 343.4 257.6 386.4



Abundance Ion 58.00 (57.70 to 58.70): VX0

Ion 43.00 (42.70 to 43.70): VX0



#16

Carbon Disulfide

Concen: 16.979 ug/l

RT: 2.55 min Scan# 240

Delta R.T. -0.00 min

Lab File: VX017140.D

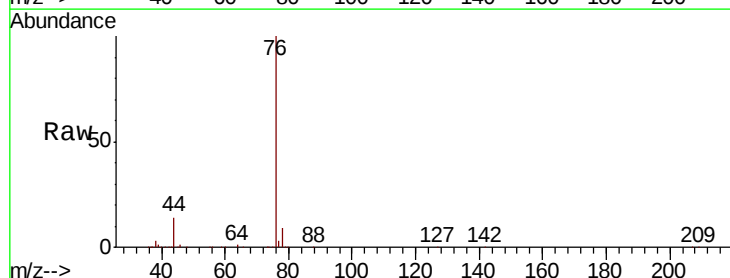
Acq: 02 Jul 2020 11:50

Tgt Ion: 76 Resp: 139932

Ion Ratio Lower Upper

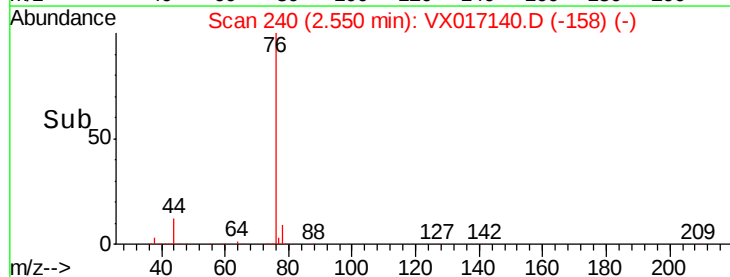
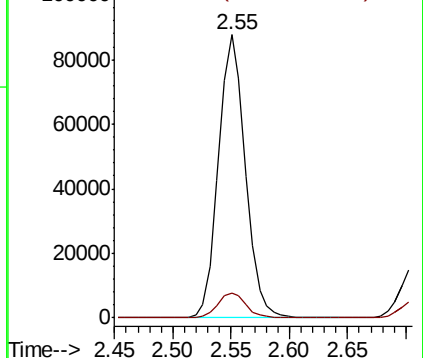
76 100

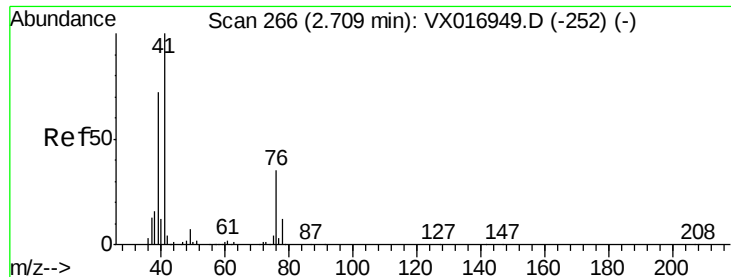
78 8.8 7.6 11.4



Abundance Ion 76.00 (75.70 to 76.70): VX0

Ion 78.00 (77.70 to 78.70): VX0

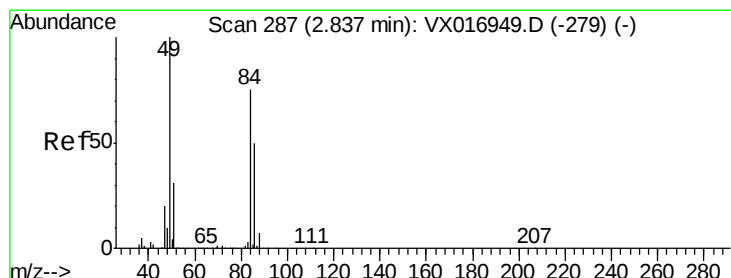
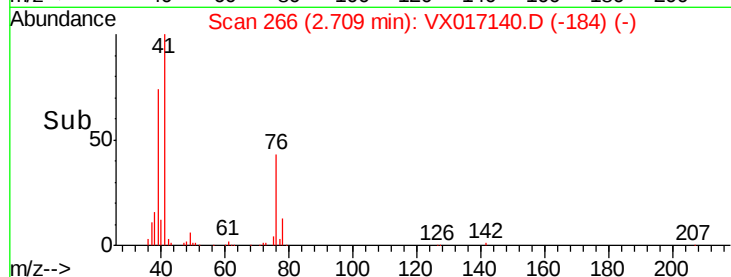
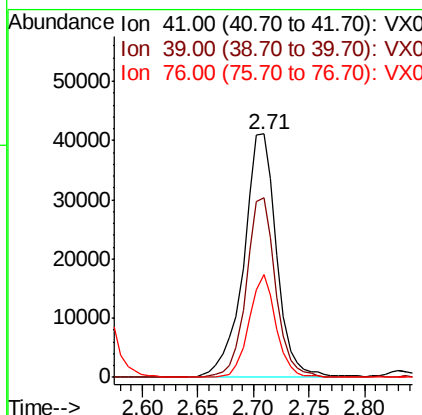
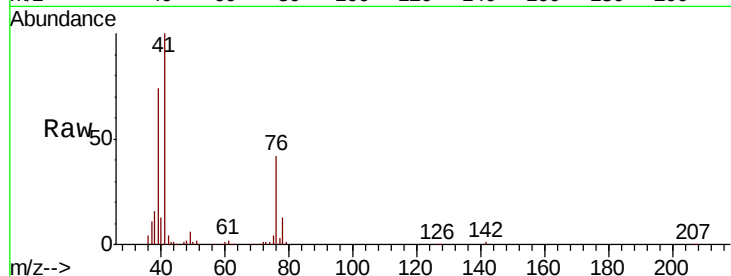




#17
Allvl chloride
Concen: 17.141 ug/l
RT: 2.71 min Scan# 266
Delta R.T. -0.00 min
Lab File: VX017140.D
Acq: 02 Jul 2020 11:50

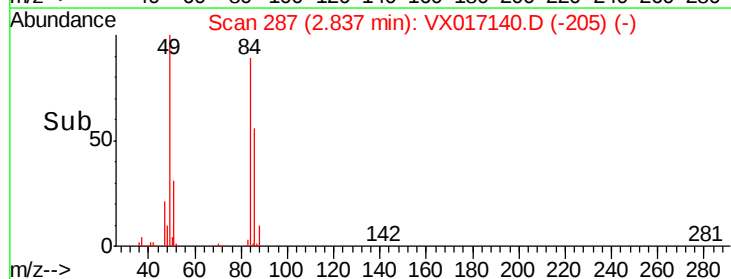
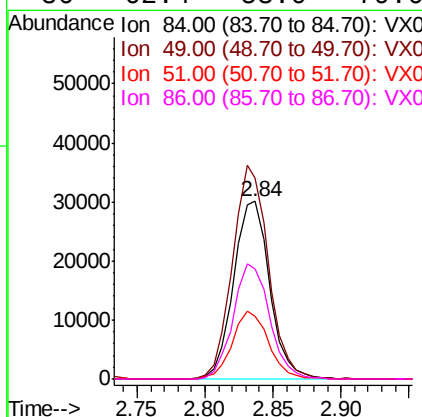
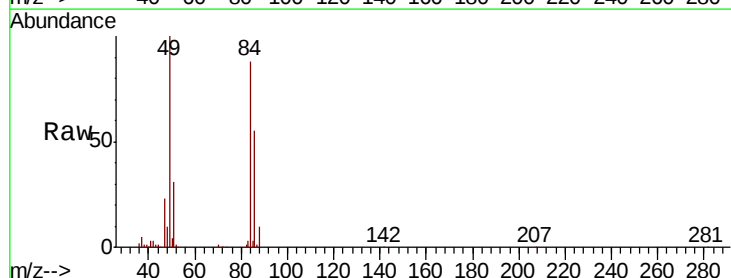
Instrument :
MSVOA_X
ClientSampleId :

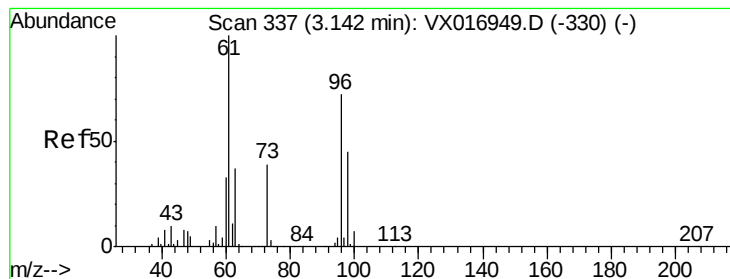
Tot Ion: 41 Resp: 84122
Ion Ratio Lower Upper
41 100
39 73.8 35.9 107.8
76 42.5 17.6 52.8



#18
Methylene Chloride
Concen: 17.686 ug/l
RT: 2.84 min Scan# 287
Delta R.T. -0.00 min
Lab File: VX017140.D
Acq: 02 Jul 2020 11:50

Tgt Ion: 84 Resp: 55844
Ion Ratio Lower Upper
84 100
49 113.2 106.6 159.8
51 35.2 32.7 49.1
86 62.4 53.0 79.6





#19

trans-1,2-Dichloroethene

Concen: 18.178 ug/l

RT: 3.14 min Scan# 337

Delta R.T. -0.00 min

Lab File: VX017140.D

Acq: 02 Jul 2020 11:50

Instrument :

MSVOA_X

ClientSampleId :

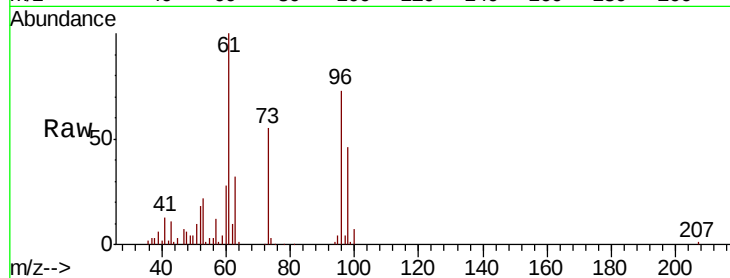
Tot Ion: 96 Resp: 53994

Ion Ratio Lower Upper

96 100

61 136.3 110.6 165.8

98 62.8 49.8 74.6

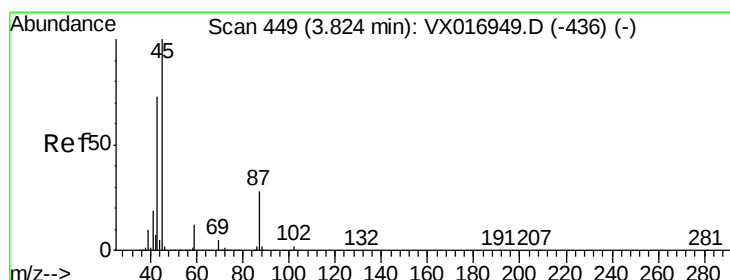
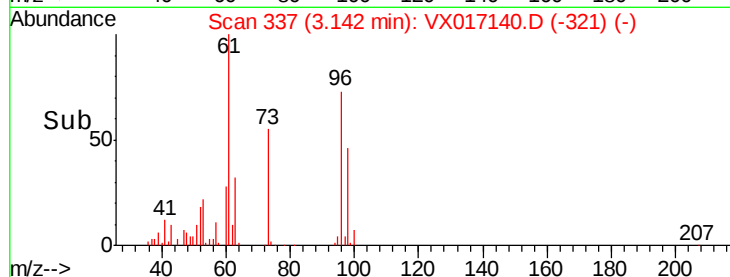
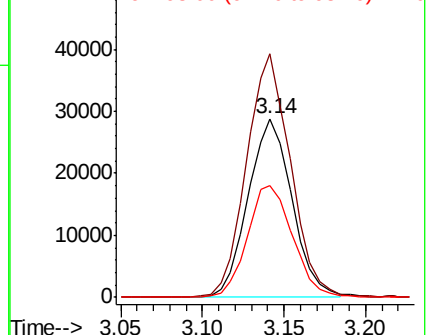


Abundance

Ion 96.00 (95.70 to 96.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 98.00 (97.70 to 98.70): VX0



#20

Diisopropyl ether

Concen: 17.405 ug/l

RT: 3.82 min Scan# 449

Delta R.T. -0.00 min

Lab File: VX017140.D

Acq: 02 Jul 2020 11:50

Tgt Ion: 45 Resp: 170701

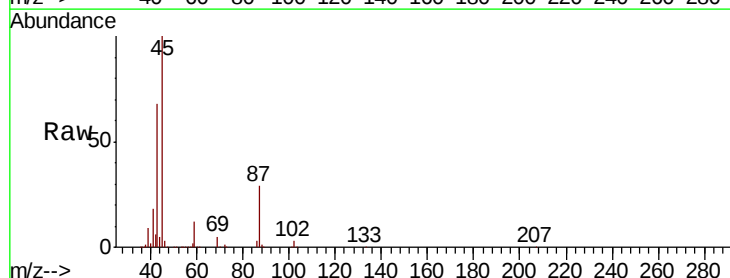
Ion Ratio Lower Upper

45 100

43 67.7 63.9 95.9

87 28.9 22.2 33.4

59 11.8 9.8 14.6



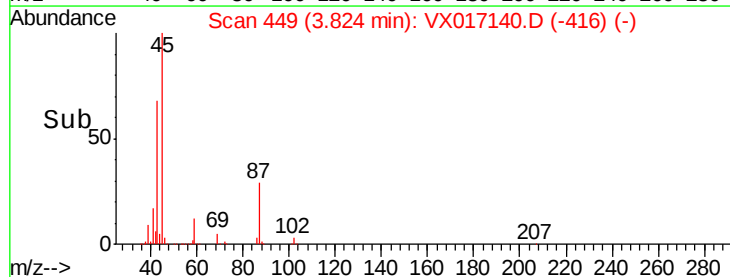
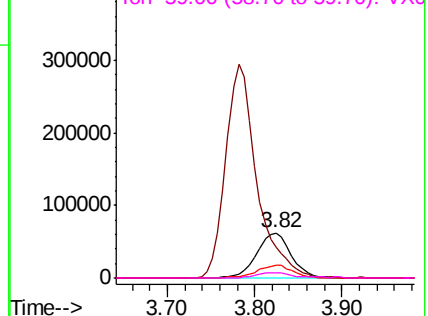
Abundance

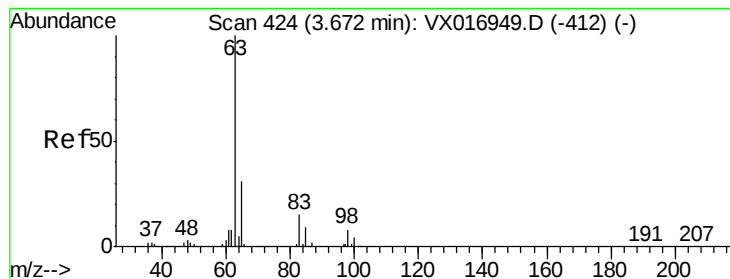
Ion 45.00 (44.70 to 45.70): VX0

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





#21

1,1-Dichloroethane

Concen: 17.304 ug/l

RT: 3.67 min Scan# 423

Delta R.T. -0.01 min

Lab File: VX017140.D

Acq: 02 Jul 2020 11:50

Instrument :

MSVOA_X

ClientSampled :

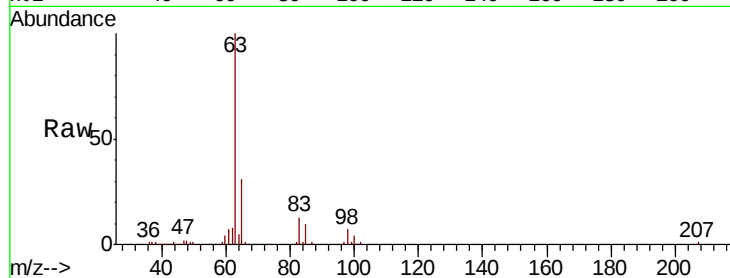
Tot Ion: 63 Resp: 93583

Ion Ratio Lower Upper

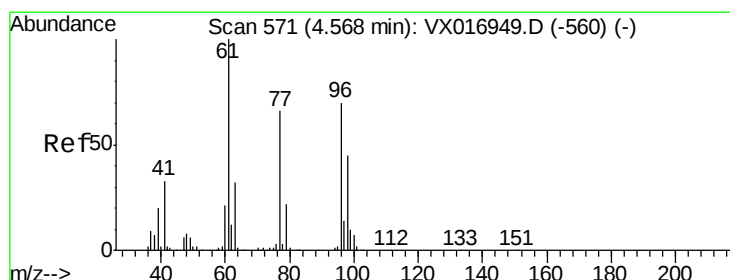
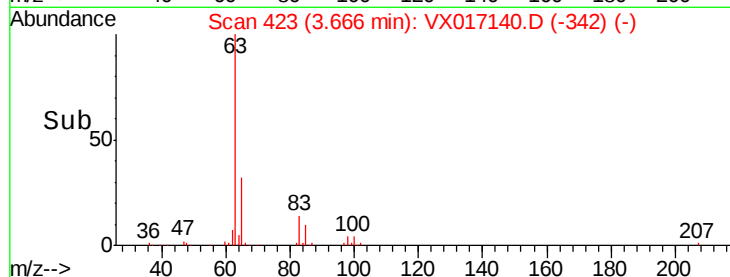
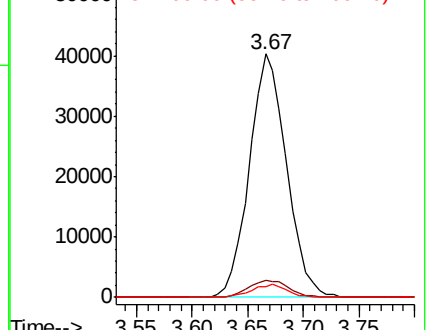
63 100

98 6.8 3.8 11.4

100 4.4 2.2 6.6



Abundance Ion 63.00 (62.70 to 63.70): VX0
Ion 98.00 (97.70 to 98.70): VX0
Ion 100.00 (99.70 to 100.70): VX0



#22

cis-1,2-Dichloroethene

Concen: 17.940 ug/l

RT: 4.56 min Scan# 570

Delta R.T. -0.01 min

Lab File: VX017140.D

Acq: 02 Jul 2020 11:50

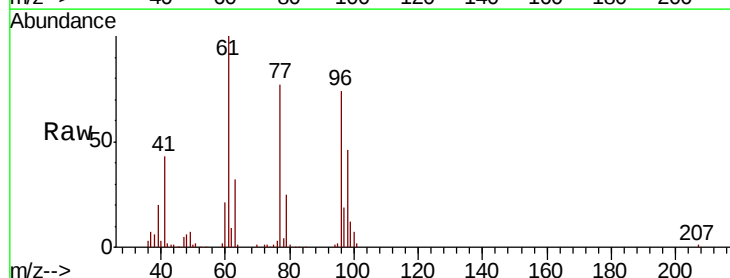
Tgt Ion: 96 Resp: 59328

Ion Ratio Lower Upper

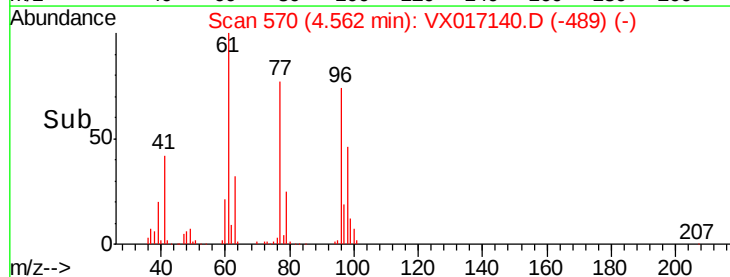
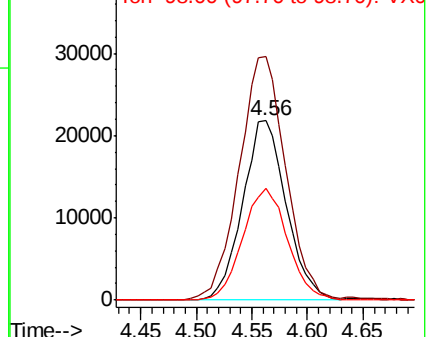
96 100

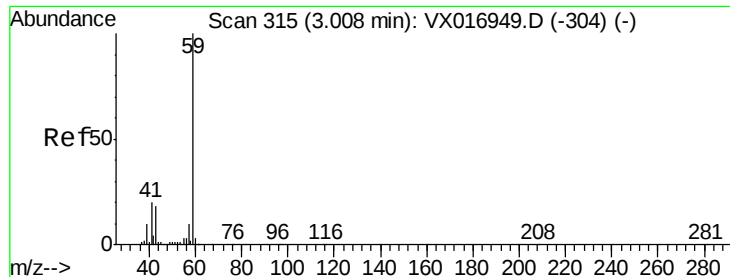
61 144.7 120.8 181.2

98 64.3 51.7 77.5



Abundance Ion 96.00 (95.70 to 96.70): VX0
Ion 61.00 (60.70 to 61.70): VX0
Ion 98.00 (97.70 to 98.70): VX0





#23

tert-Butyl Alcohol

Concen: 76.836 ug/l

RT: 3.01 min Scan# 315

Delta R.T. -0.00 min

Lab File: VX017140.D

Acq: 02 Jul 2020 11:50

Instrument :

MSVOA_X

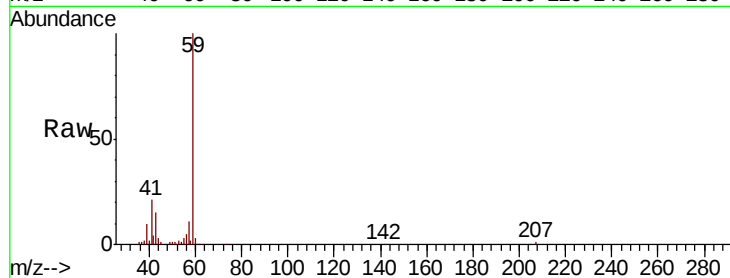
ClientSampled :

Tot Ion: 59 Resp: 53308

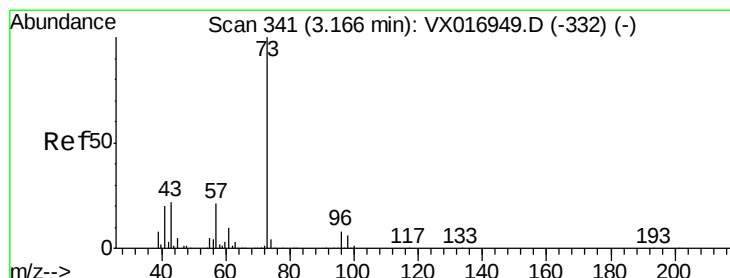
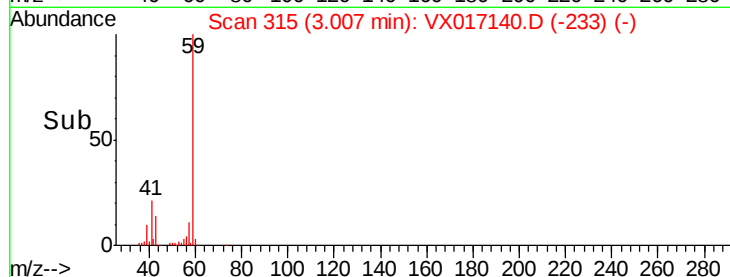
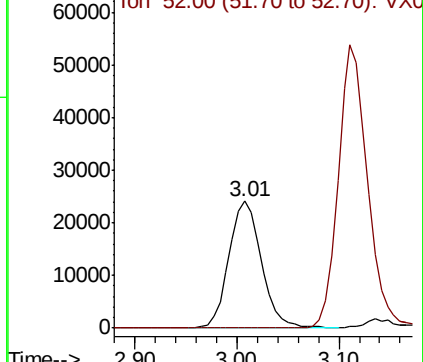
Ion Ratio Lower Upper

59 100

52 0.3 0.1 0.1#



Abundance Ion 59.00 (58.70 to 59.70): VX0



#24

Methyl tert-Butyl Ether

Concen: 17.957 ug/l

RT: 3.17 min Scan# 341

Delta R.T. -0.00 min

Lab File: VX017140.D

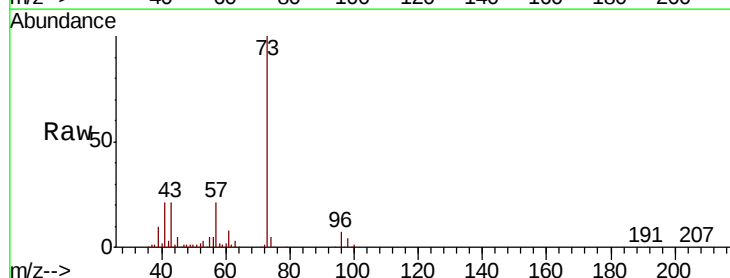
Acq: 02 Jul 2020 11:50

Tgt Ion: 73 Resp: 168093

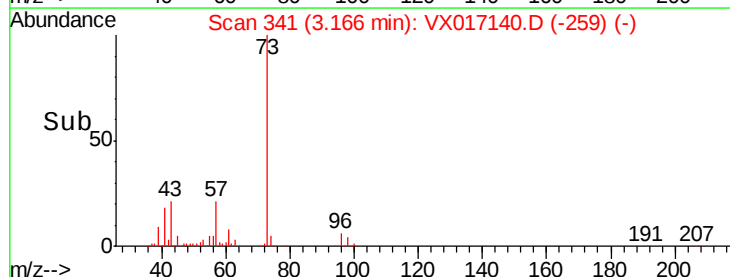
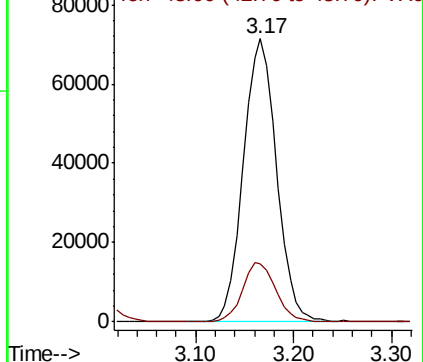
Ion Ratio Lower Upper

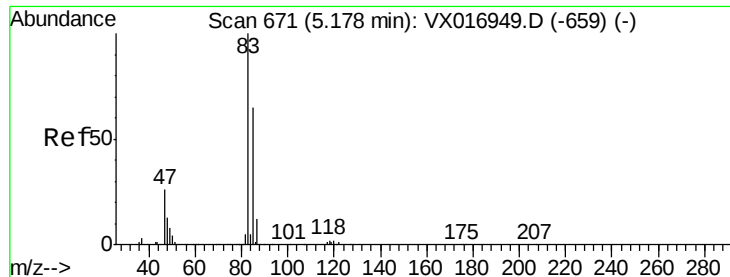
73 100

43 21.1 17.2 25.8



Abundance Ion 73.00 (72.70 to 73.70): VX0





#25

Chloroform

Concen: 18.269 ug/l

RT: 5.18 min Scan# 671

Delta R.T. -0.00 min

Lab File: VX017140.D

Acq: 02 Jul 2020 11:50

Instrument :

MSVOA_X

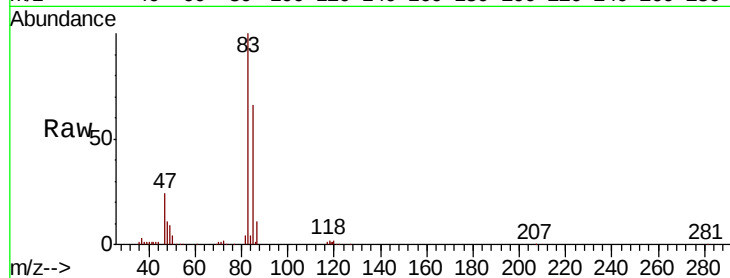
ClientSampleId :

Tot Ion: 83 Resp: 100173

Ion Ratio Lower Upper

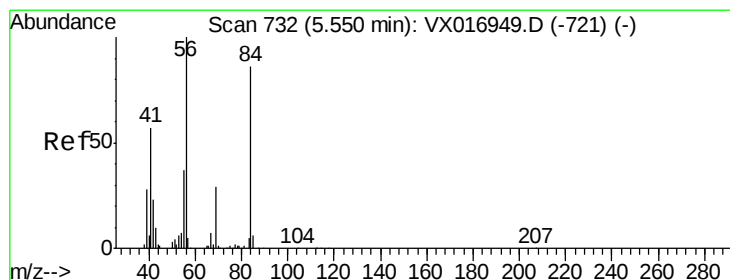
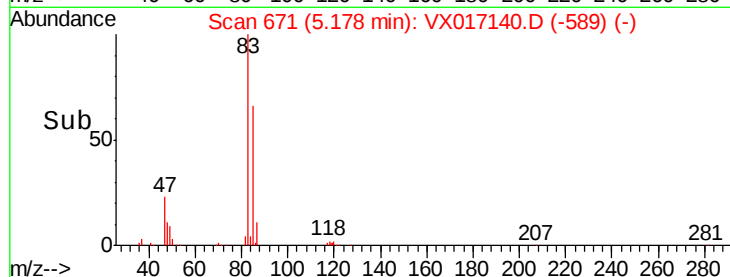
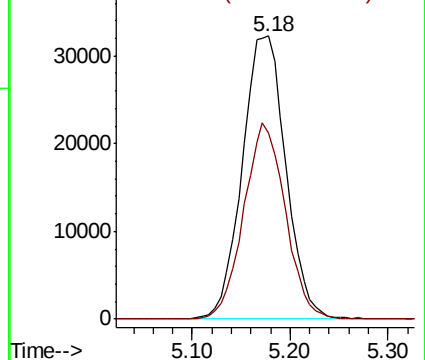
83 100

85 65.8 52.1 78.1



Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 85.00 (84.70 to 85.70): VX0



#26

Cyclohexane

Concen: 16.998 ug/l

RT: 5.55 min Scan# 732

Delta R.T. -0.00 min

Lab File: VX017140.D

Acq: 02 Jul 2020 11:50

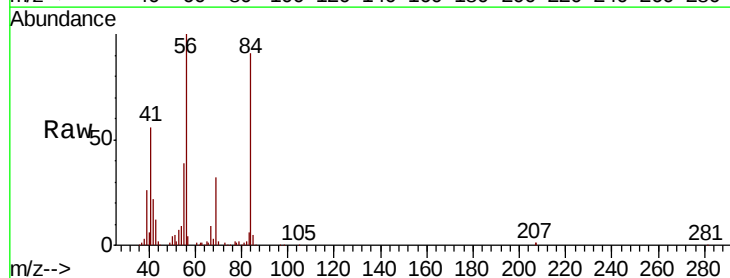
Tgt Ion: 56 Resp: 80191

Ion Ratio Lower Upper

56 100

89 0.0 0.0 0.0

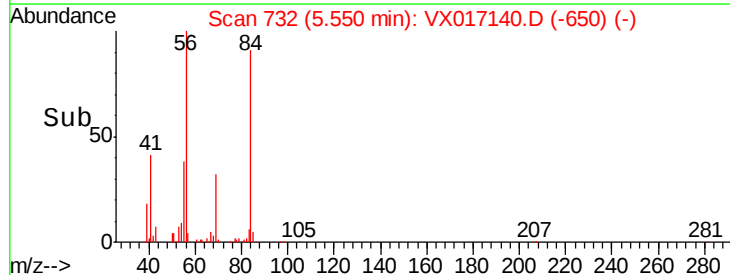
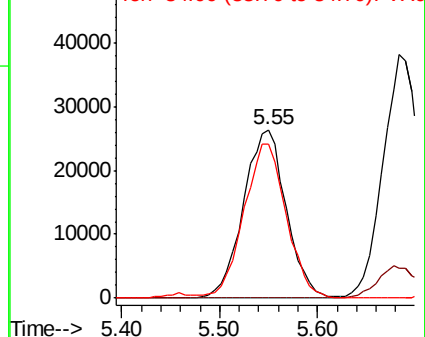
84 91.1 69.0 103.6

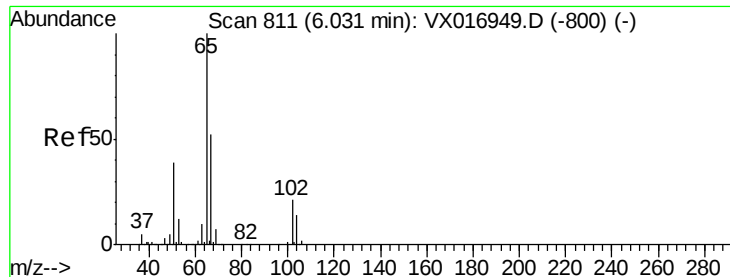


Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 89.00 (88.70 to 89.70): VX0

Ion 84.00 (83.70 to 84.70): VX0





#27

1,2-Dichloroethane-d4

Concen: 27.745 ug/l

RT: 6.03 min Scan# 810

Delta R.T. -0.01 min

Lab File: VX017140.D

Acq: 02 Jul 2020 11:50

Instrument :

MSVOA_X

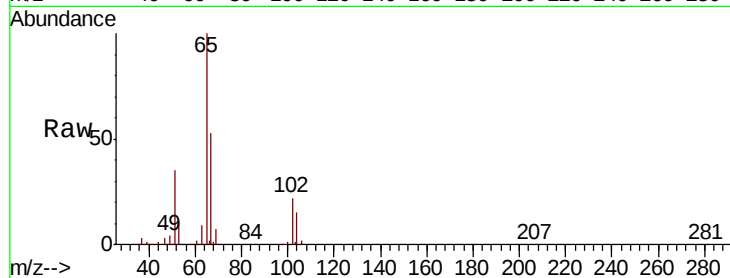
ClientSampleId :

Tot Ion: 65 Resp: 98894

Ion Ratio Lower Upper

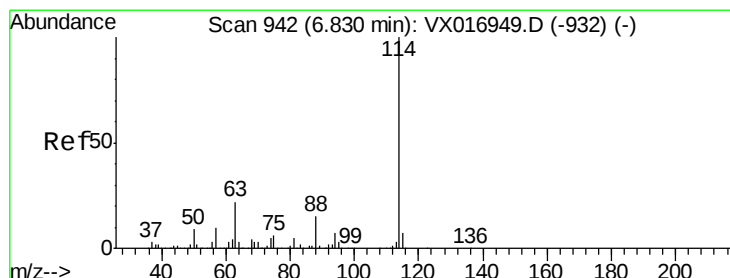
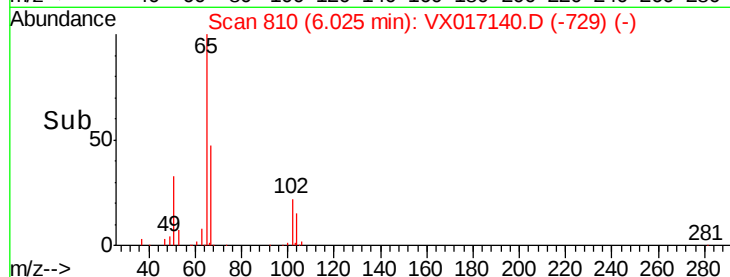
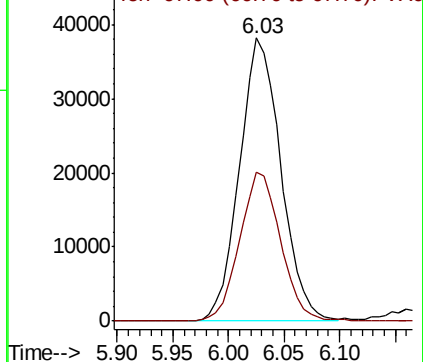
65 100

67 51.9 41.5 62.3



Abundance Ion 65.00 (64.70 to 65.70): VX0

Ion 67.00 (66.70 to 67.70): VX0



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. -0.00 min

Lab File: VX017140.D

Acq: 02 Jul 2020 11:50

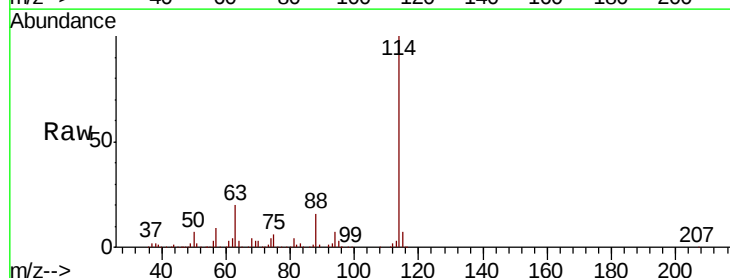
Tgt Ion: 114 Resp: 237525

Ion Ratio Lower Upper

114 100

63 20.3 17.4 26.2

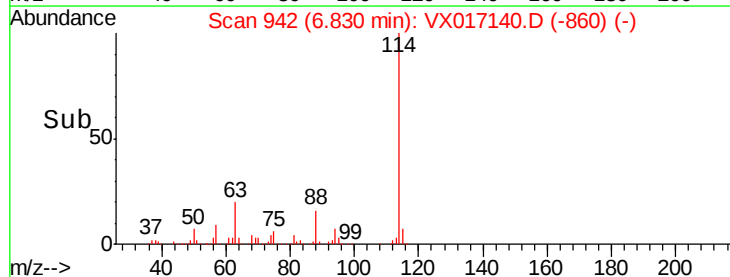
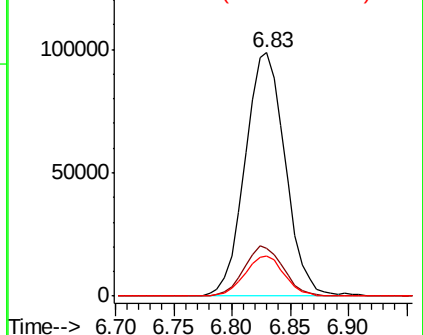
88 16.3 13.0 19.6

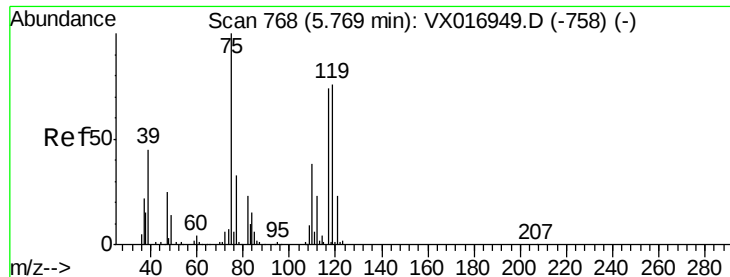


Abundance Ion 114.00 (113.70 to 114.70): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 88.00 (87.70 to 88.70): VX0





#29

1,1-Dichloropropene

Concen: 19.459 ug/l

RT: 5.77 min Scan# 768

Delta R.T. -0.00 min

Lab File: VX017140.D

Acq: 02 Jul 2020 11:50

Instrument :

MSVOA_X

ClientSampleId :

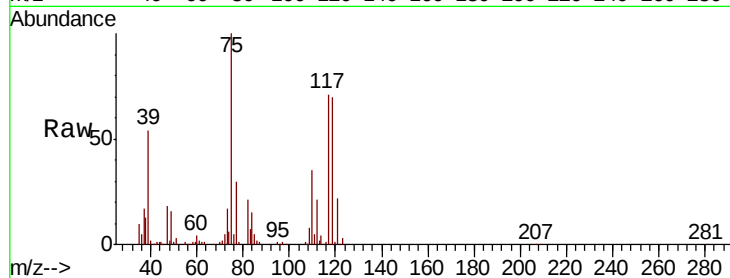
Tot Ion: 75 Resp: 75294

Ion Ratio Lower Upper

75 100

110 36.2 0.0 71.6

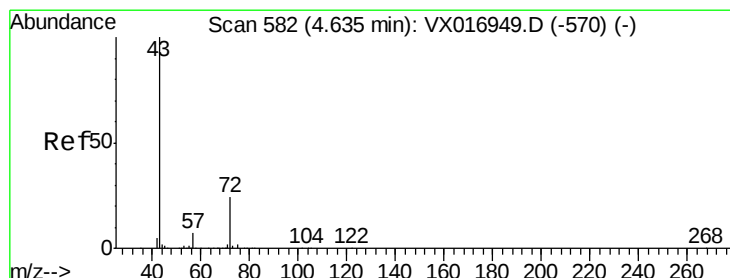
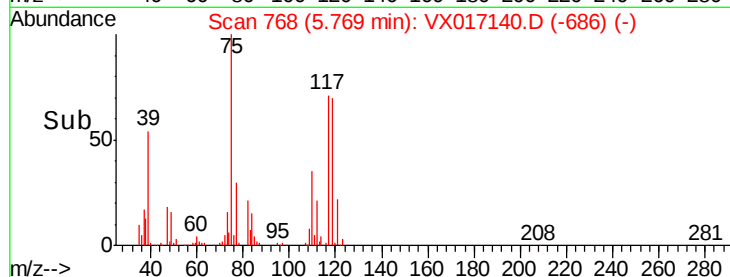
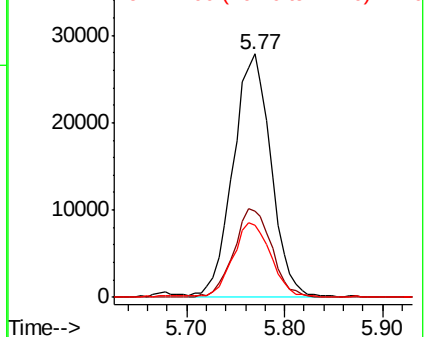
77 30.5 0.0 64.0



Abundance Ion 75.00 (74.70 to 75.70): VX0

Ion 110.00 (109.70 to 110.70): V

Ion 77.00 (76.70 to 77.70): VX0



#30

2-Butanone

Concen: 86.704 ug/l

RT: 4.63 min Scan# 581

Delta R.T. -0.01 min

Lab File: VX017140.D

Acq: 02 Jul 2020 11:50

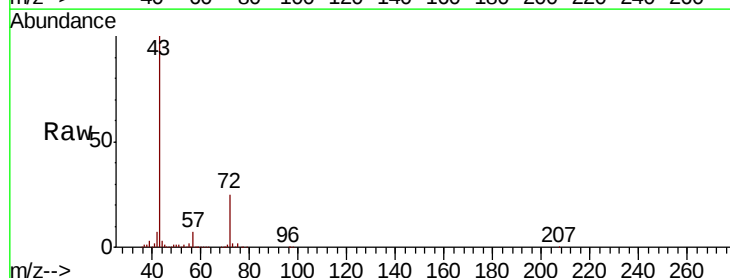
Tgt Ion: 43 Resp: 174872

Ion Ratio Lower Upper

43 100

57 4.0 6.2 9.4#

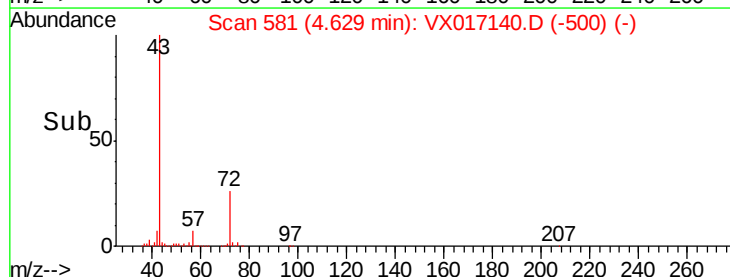
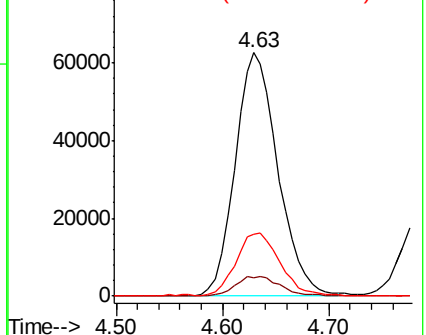
72 26.9 20.6 31.0

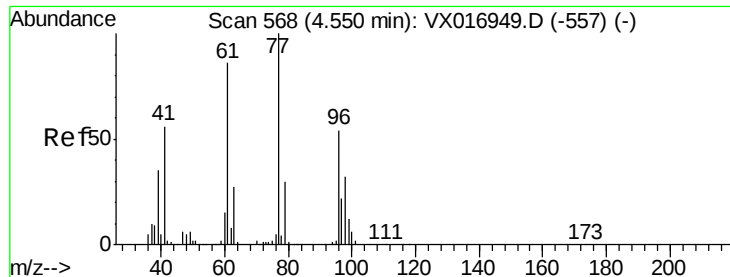


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 57.00 (56.70 to 57.70): VX0

Ion 72.00 (71.70 to 72.70): VX0





#31

2,2-Dichloropropane

Concen: 20.359 ug/l

RT: 4.54 min Scan# 567

Delta R.T. -0.01 min

Lab File: VX017140.D

Acq: 02 Jul 2020 11:50

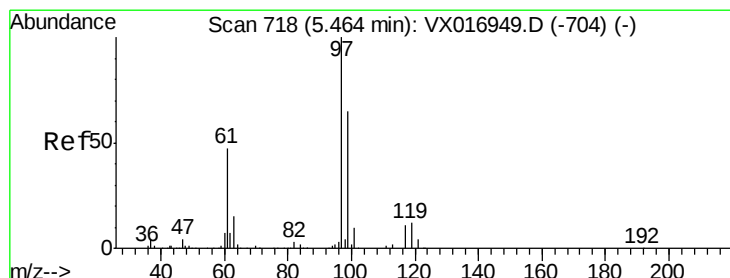
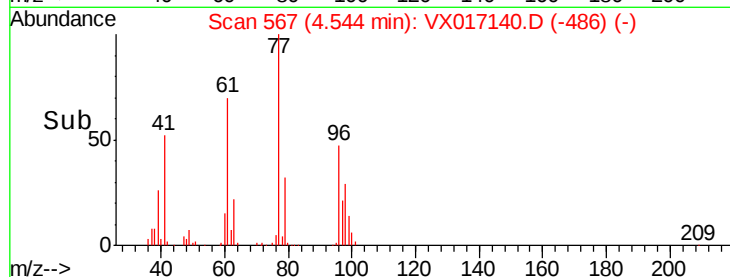
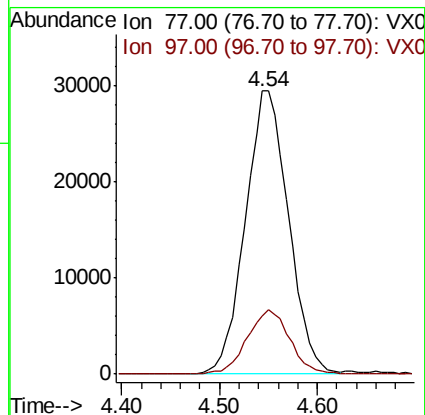
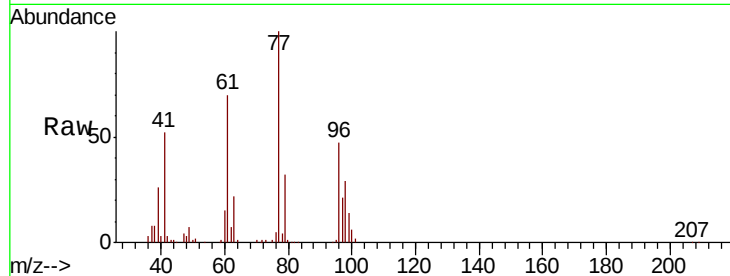
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 77 Resp: 90344

Ion Ratio Lower Upper

77 100

97 22.3 18.5 27.7



#32

1,1,1-Trichloroethane

Concen: 19.659 ug/l

RT: 5.46 min Scan# 717

Delta R.T. -0.01 min

Lab File: VX017140.D

Acq: 02 Jul 2020 11:50

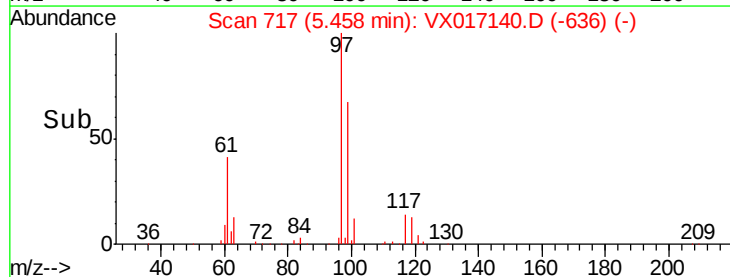
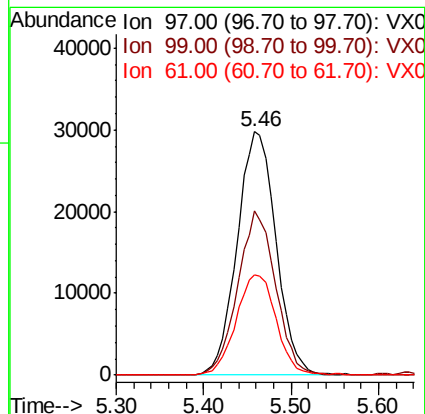
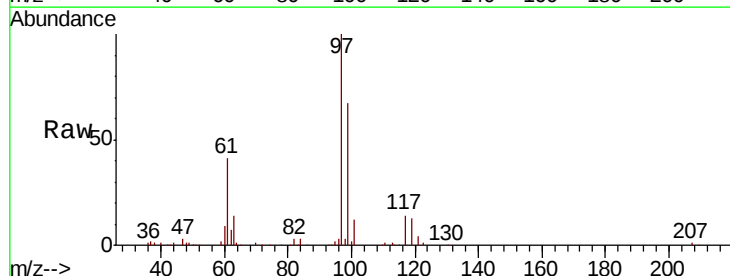
Tgt Ion: 97 Resp: 92045

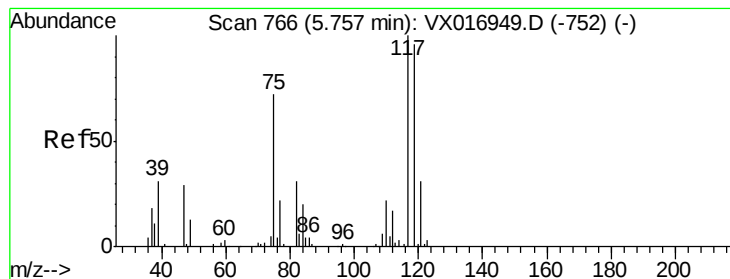
Ion Ratio Lower Upper

97 100

99 65.5 52.2 78.2

61 42.5 36.9 55.3





#33

Carbon Tetrachloride

Concen: 20.702 ug/l

RT: 5.75 min Scan# 765

Delta R.T. -0.01 min

Lab File: VX017140.D

Acq: 02 Jul 2020 11:50

Instrument :

MSVOA_X

ClientSampleId :

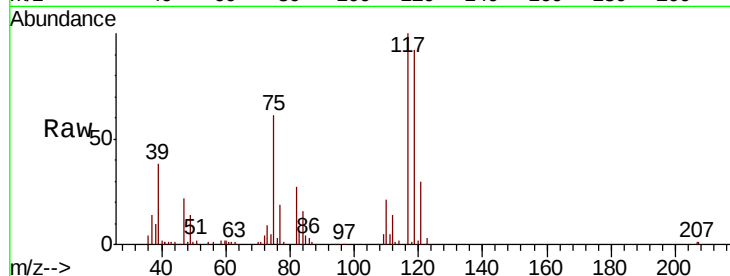
Tot Ion:117 Resp: 85957

Ion Ratio Lower Upper

117 100

119 92.0 77.0 115.4

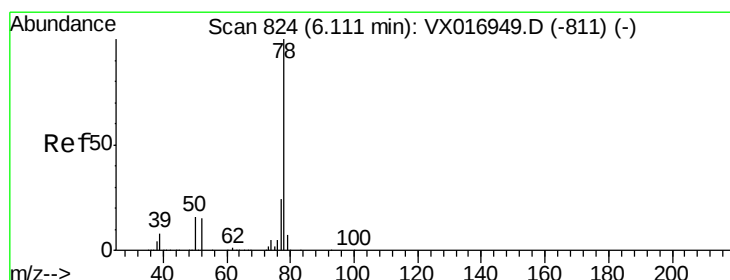
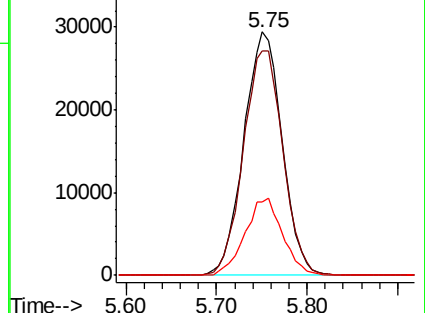
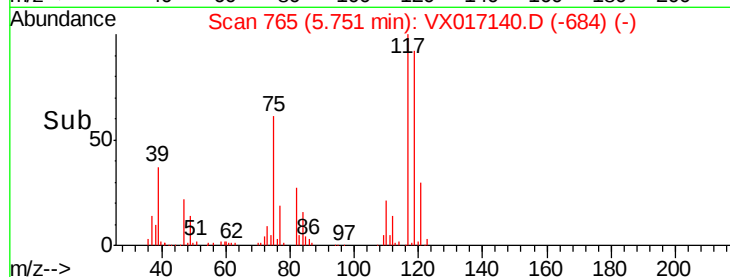
121 30.3 25.0 37.4



Abundance Ion 117.00 (116.70 to 117.70): V

Ion 119.00 (118.70 to 119.70): V

Ion 121.00 (120.70 to 121.70): V



#34

Benzene

Concen: 18.980 ug/l

RT: 6.11 min Scan# 824

Delta R.T. -0.00 min

Lab File: VX017140.D

Acq: 02 Jul 2020 11:50

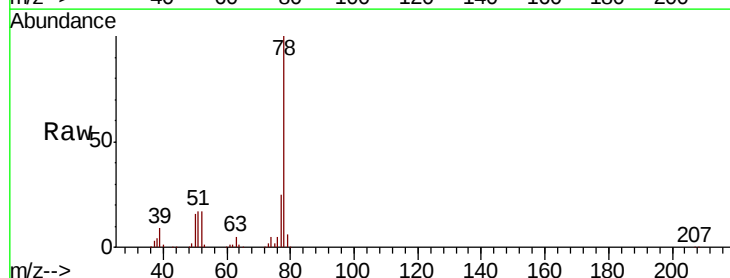
Tgt Ion: 78 Resp: 213838

Ion Ratio Lower Upper

78 100

77 24.8 19.0 28.6

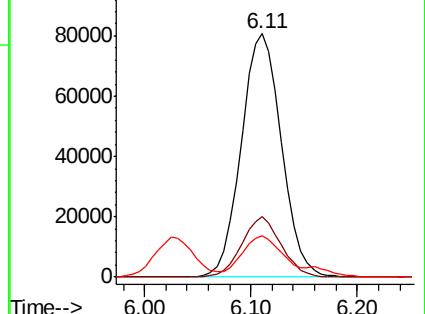
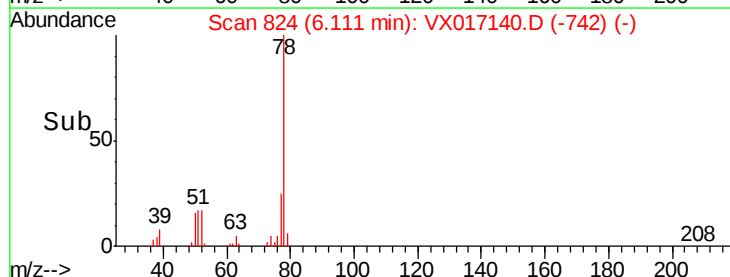
51 15.7 12.8 19.2

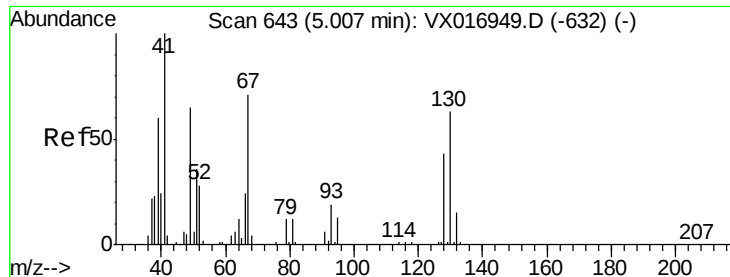


Abundance Ion 78.10 (77.80 to 78.80): VX0

Ion 77.00 (76.70 to 77.70): VX0

Ion 51.00 (50.70 to 51.70): VX0

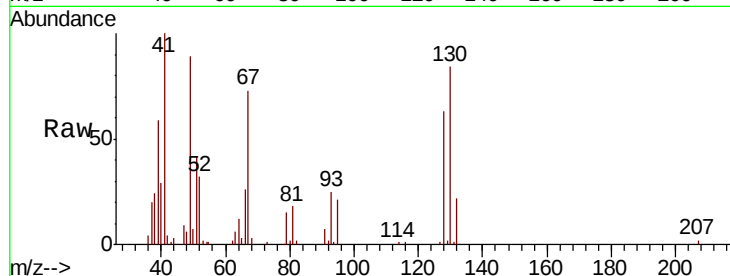




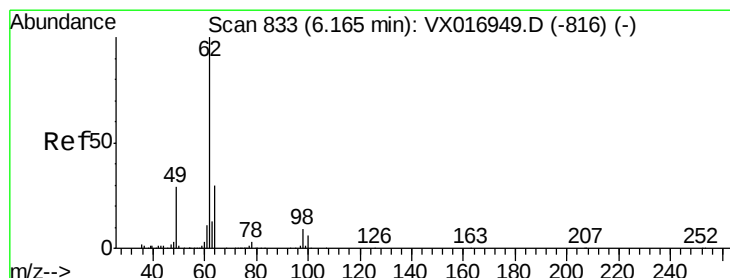
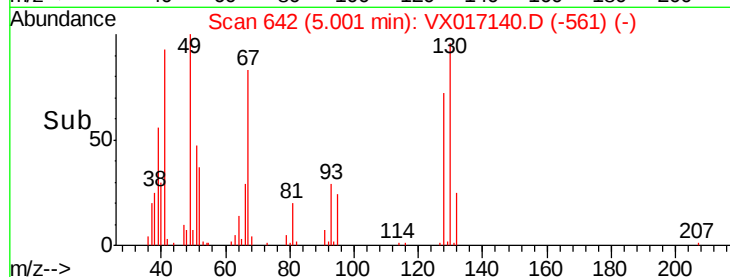
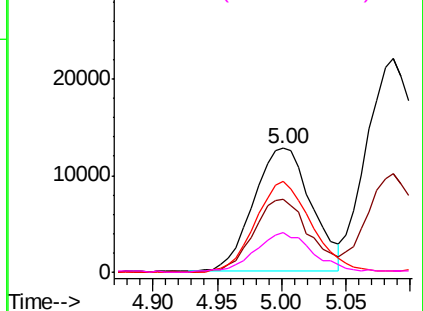
#35
Methacrylonitrile
Concen: 17.831 ug/l
RT: 5.00 min Scan# 642
Delta R.T. -0.01 min
Lab File: VX017140.D
Acq: 02 Jul 2020 11:50

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:	41	Resp:	39690
Ion	Ratio	Lower	Upper
41	100		
39	59.5	29.8	89.5
67	73.8	35.3	105.9
52	32.2	14.1	42.3

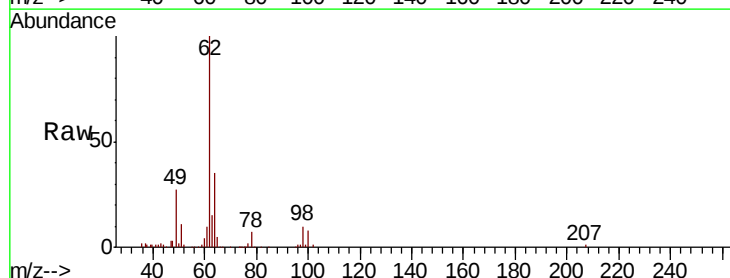


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

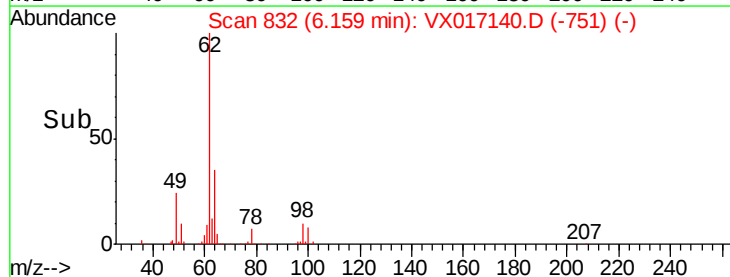
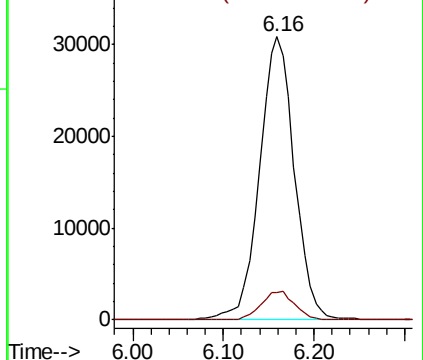


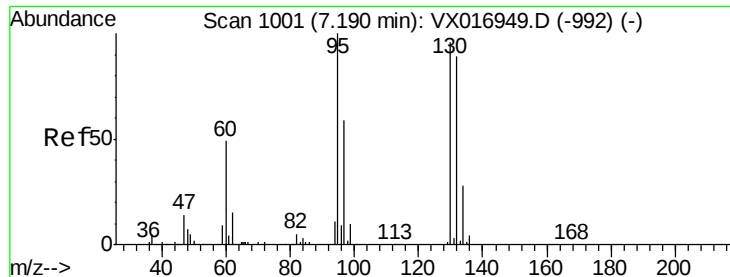
#36
1,2-Dichloroethane
Concen: 18.966 ug/l
RT: 6.16 min Scan# 832
Delta R.T. -0.01 min
Lab File: VX017140.D
Acq: 02 Jul 2020 11:50

Tgt Ion:	62	Resp:	81840
Ion	Ratio	Lower	Upper
62	100		
98	9.7	7.6	11.4



Abundance Ion 62.00 (61.70 to 62.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

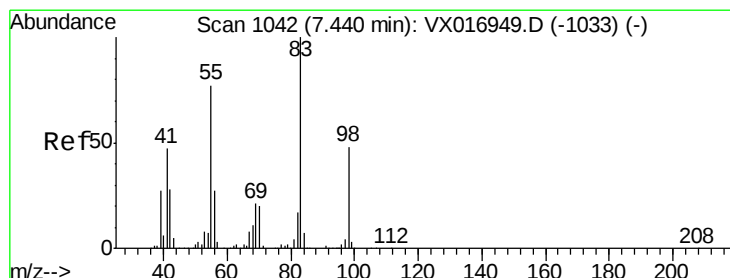
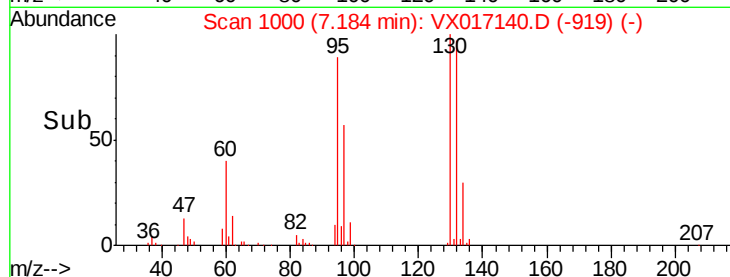
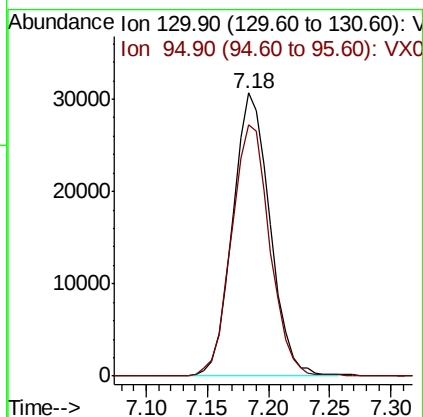
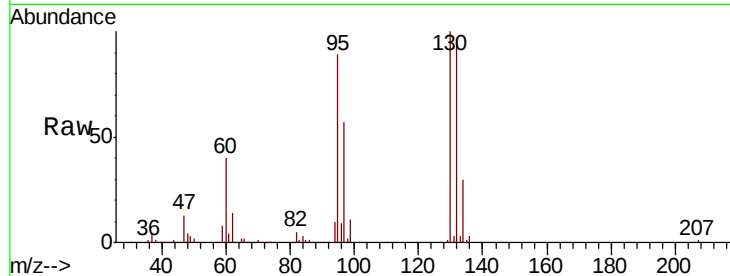




#37
 Trichloroethene
 Concen: 21.072 ug/l
 RT: 7.18 min Scan# 1000
 Delta R.T. -0.01 min
 Lab File: VX017140.D
 Acq: 02 Jul 2020 11:50

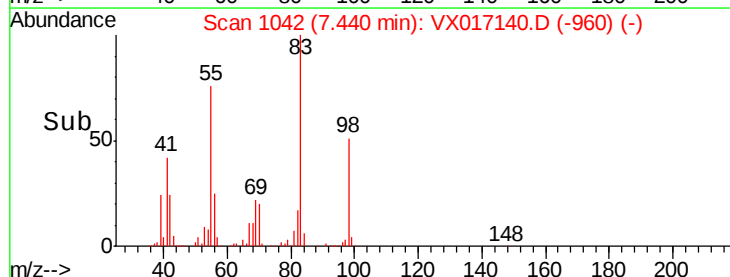
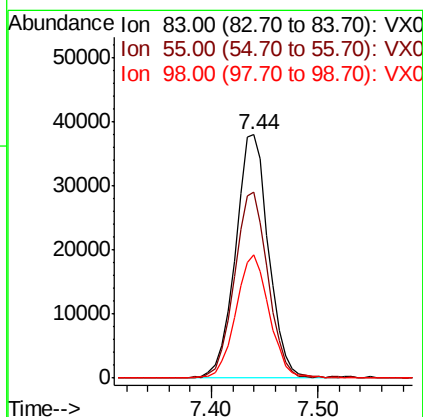
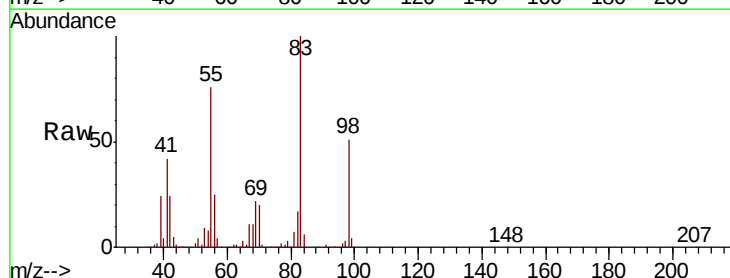
Instrument :
 MSVOA_X
 ClientSampleId :

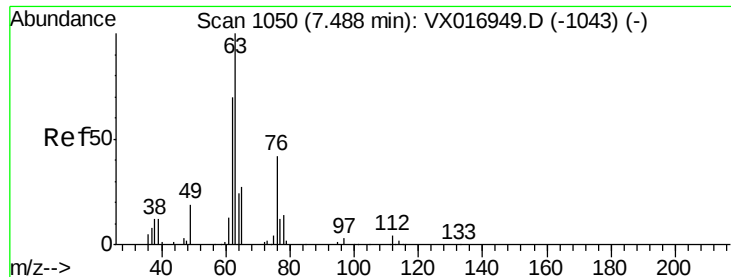
Tot Ion:130 Resp: 64783
 Ion Ratio Lower Upper
 130 100
 95 88.7 83.1 124.7



#38
 Methylcyclohexane
 Concen: 18.883 ug/l
 RT: 7.44 min Scan# 1042
 Delta R.T. -0.00 min
 Lab File: VX017140.D
 Acq: 02 Jul 2020 11:50

Tgt Ion: 83 Resp: 83209
 Ion Ratio Lower Upper
 83 100
 55 77.0 38.1 114.5
 98 50.7 24.6 73.6

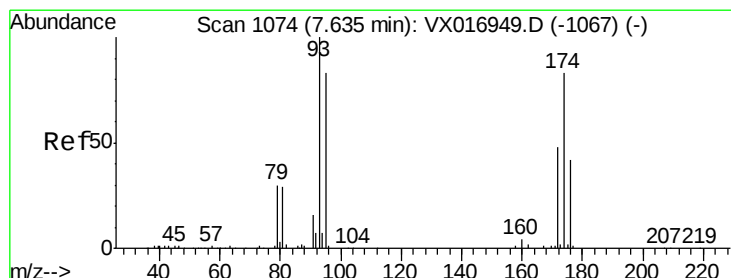
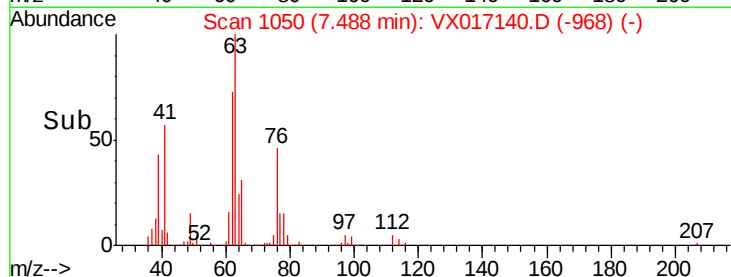
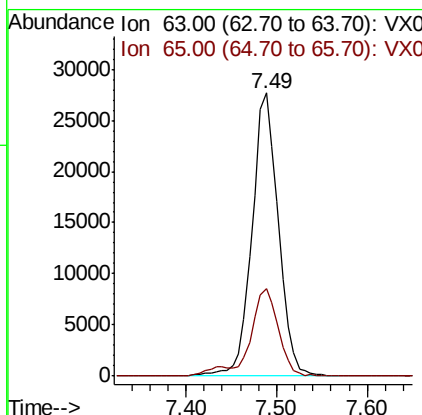
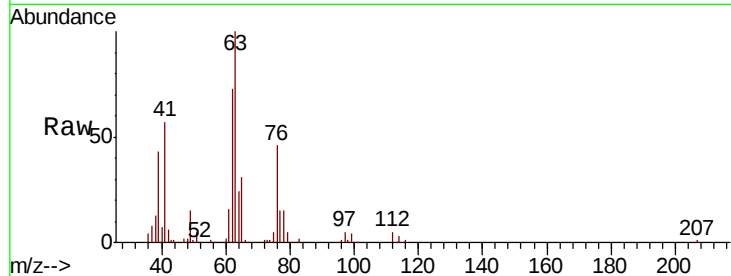




#39
 1,2-Dichloropropane
 Concen: 18.970 ug/l
 RT: 7.49 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VX017140.D
 Acq: 02 Jul 2020 11:50

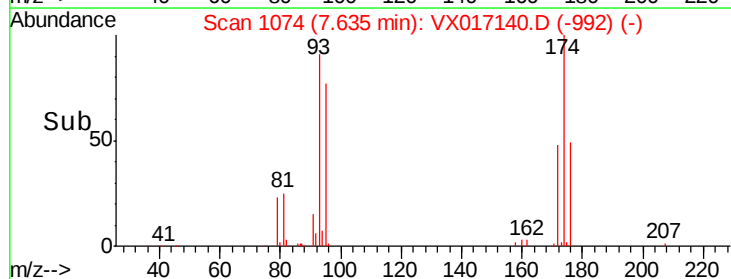
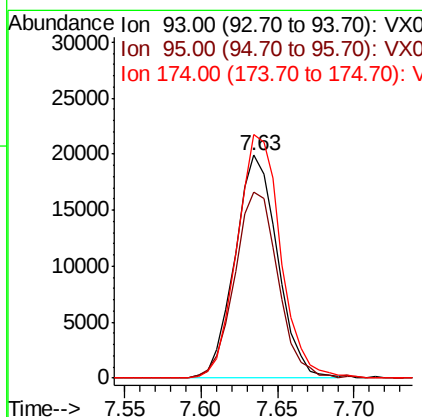
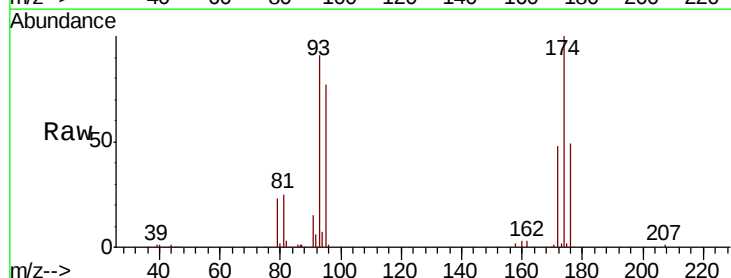
Instrument :
 MSVOA_X
 ClientSampleId :

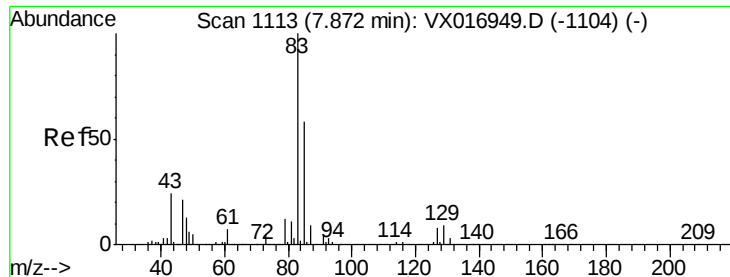
Tot Ion: 63 Resp: 55682
 Ion Ratio Lower Upper
 63 100
 65 31.1 22.8 34.2



#40
 Dibromomethane
 Concen: 19.052 ug/l
 RT: 7.63 min Scan# 1074
 Delta R.T. -0.00 min
 Lab File: VX017140.D
 Acq: 02 Jul 2020 11:50

Tgt Ion: 93 Resp: 38543
 Ion Ratio Lower Upper
 93 100
 95 85.0 0.0 165.4
 174 111.8 0.0 192.0





#41

Bromodichloromethane

Concen: 19.351 ug/l

RT: 7.87 min Scan# 1113

Delta R.T. -0.00 min

Lab File: VX017140.D

Acq: 02 Jul 2020 11:50

Instrument :

MSVOA_X

ClientSampleId :

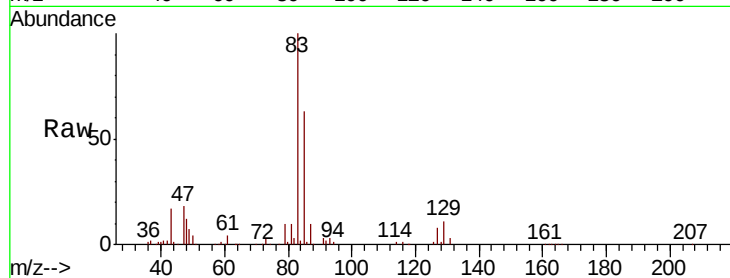
Tot Ion: 83 Resp: 81065

Ion Ratio Lower Upper

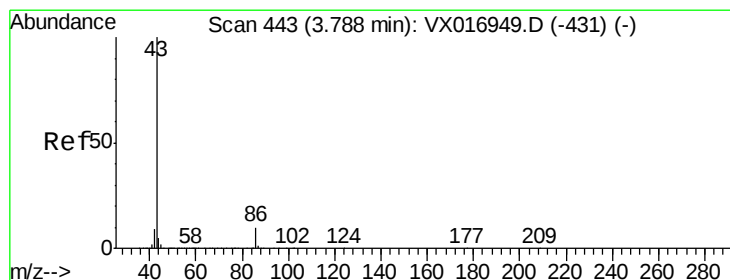
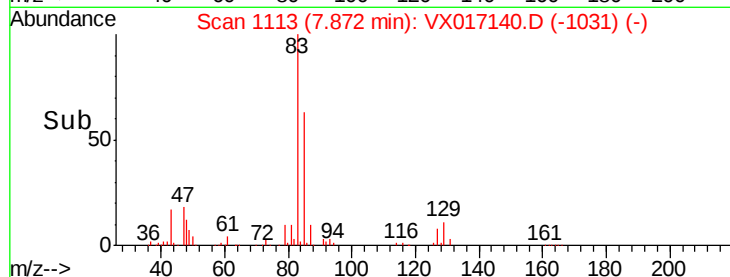
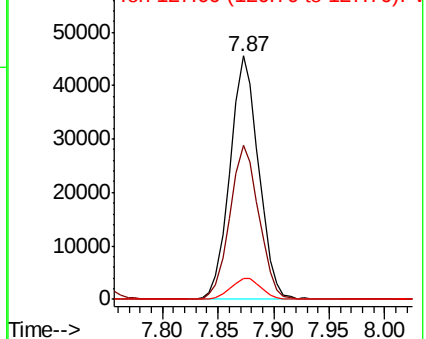
83 100

85 63.3 46.7 70.1

127 8.4 6.5 9.7



Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 85.00 (84.70 to 85.70): VX0
Ion 127.00 (126.70 to 127.70): V



#42

Vinyl Acetate

Concen: 90.293 ug/l

RT: 3.78 min Scan# 442

Delta R.T. -0.01 min

Lab File: VX017140.D

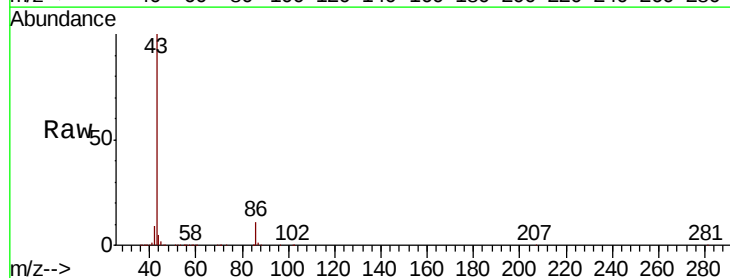
Acq: 02 Jul 2020 11:50

Tgt Ion: 43 Resp: 733864

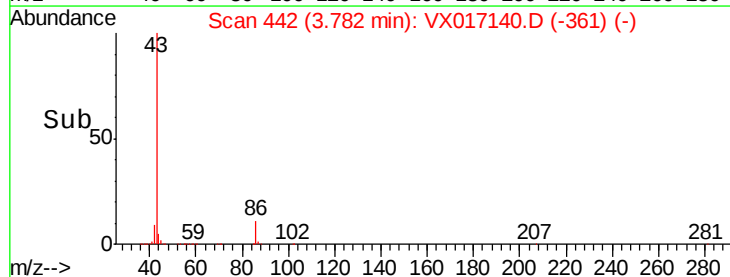
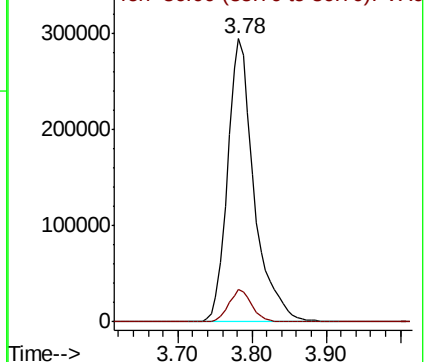
Ion Ratio Lower Upper

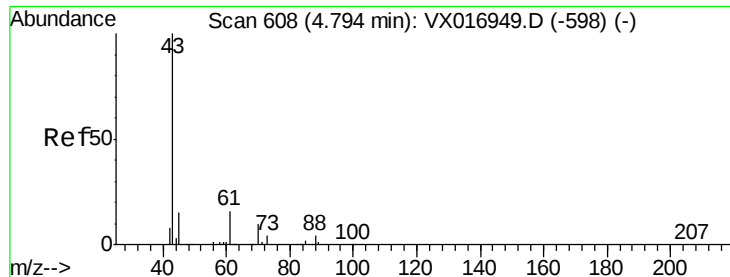
43 100

86 9.9 7.4 11.2



Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 86.00 (85.70 to 86.70): VX0

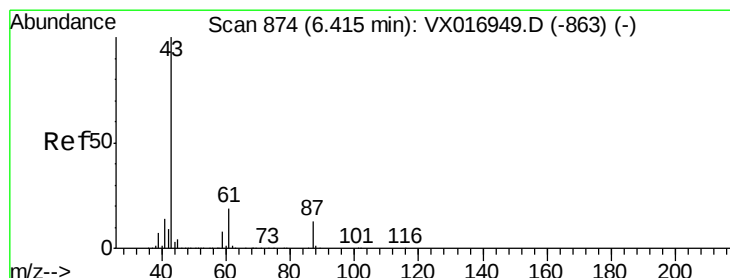
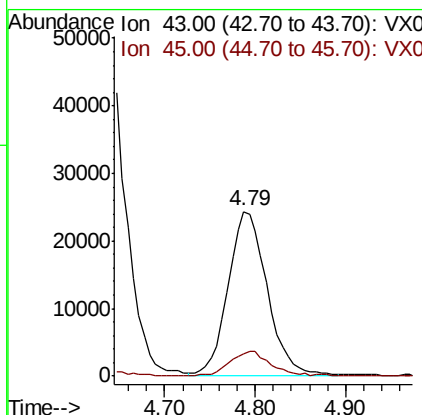
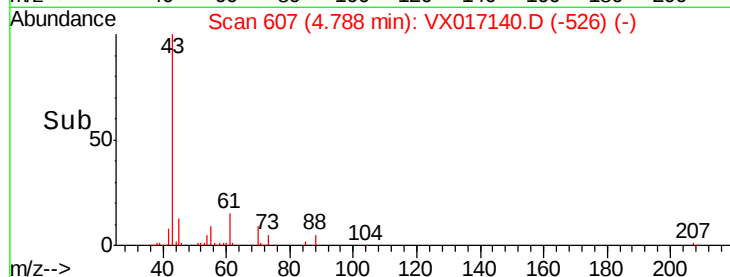
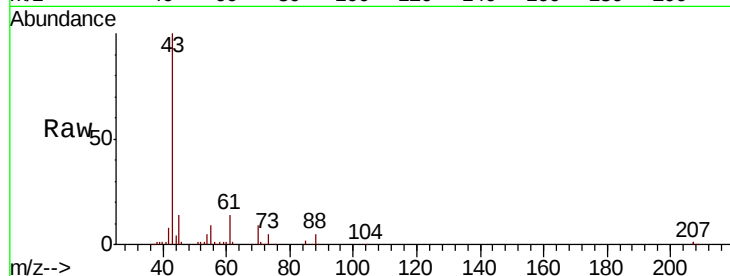




#43
Ethyl Acetate
Concen: 17.473 ug/l
RT: 4.79 min Scan# 607
Delta R.T. -0.01 min
Lab File: VX017140.D
Acq: 02 Jul 2020 11:50

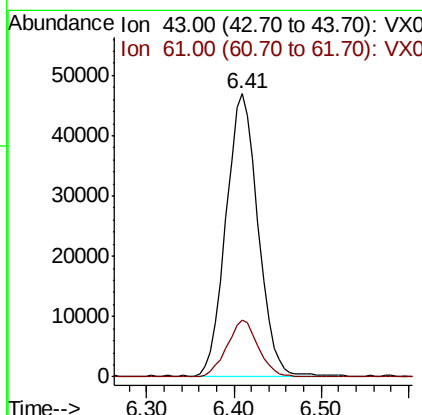
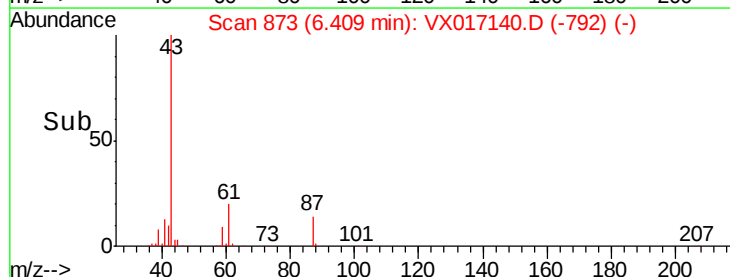
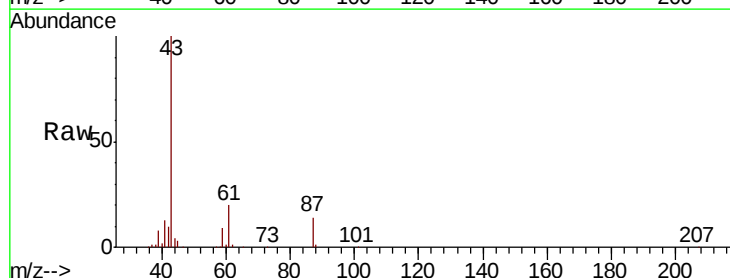
Instrument :
MSVOA_X
ClientSampleId :

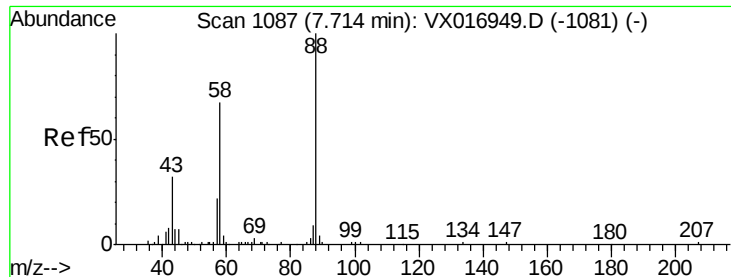
Tot Ion: 43 Resp: 72997
Ion Ratio Lower Upper
43 100
45 15.1 11.8 17.6



#44
Isopropyl Acetate
Concen: 17.358 ug/l
RT: 6.41 min Scan# 873
Delta R.T. -0.01 min
Lab File: VX017140.D
Acq: 02 Jul 2020 11:50

Tgt Ion: 43 Resp: 119527
Ion Ratio Lower Upper
43 100
61 19.7 15.4 23.2

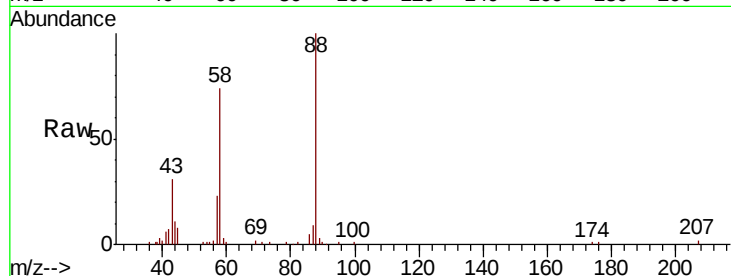




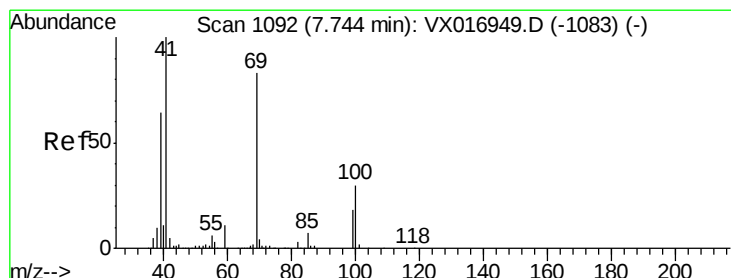
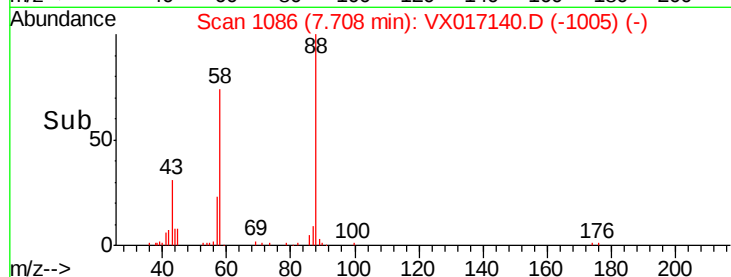
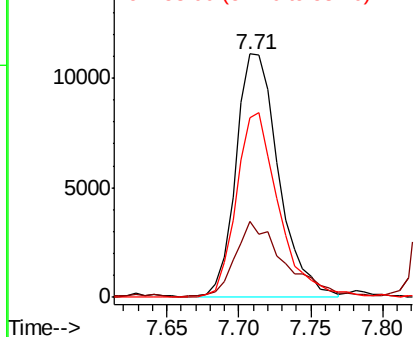
#45
 1,4-Dioxane
 Concen: 330.095 ug/l
 RT: 7.71 min Scan# 1086
 Delta R.T. -0.01 min
 Lab File: VX017140.D
 Acq: 02 Jul 2020 11:50

Instrument :
 MSVOA_X
 ClientSampled :

Tot Ion: 88 Resp: 22932
 Ion Ratio Lower Upper
 88 100
 43 33.3 28.9 43.3
 58 75.1 56.7 85.1

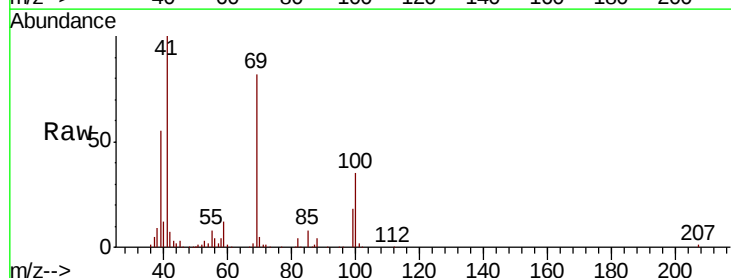


Abundance Ion 88.00 (87.70 to 88.70): VX0
 Ion 43.00 (42.70 to 43.70): VX0
 Ion 58.00 (57.70 to 58.70): VX0

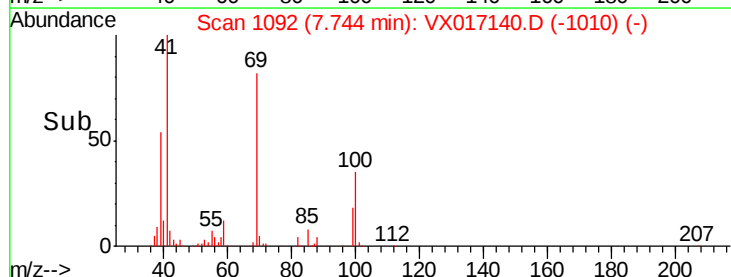
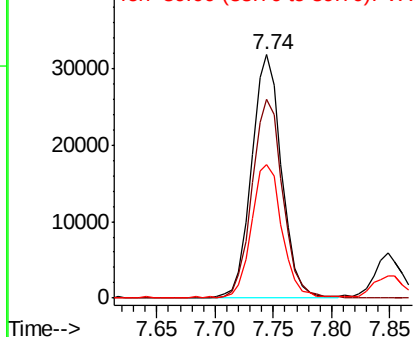


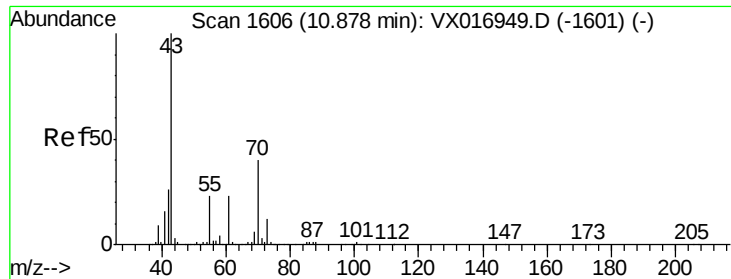
#46
 Methyl methacrylate
 Concen: 17.922 ug/l
 RT: 7.74 min Scan# 1092
 Delta R.T. -0.00 min
 Lab File: VX017140.D
 Acq: 02 Jul 2020 11:50

Tgt Ion: 41 Resp: 57112
 Ion Ratio Lower Upper
 41 100
 69 81.9 41.3 123.9
 39 54.5 32.0 96.2



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

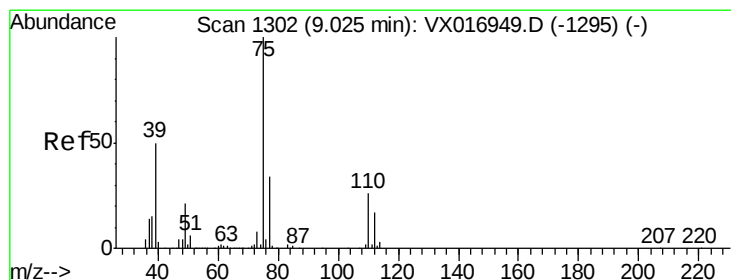
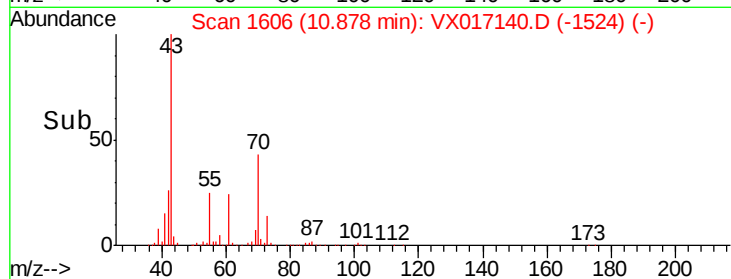
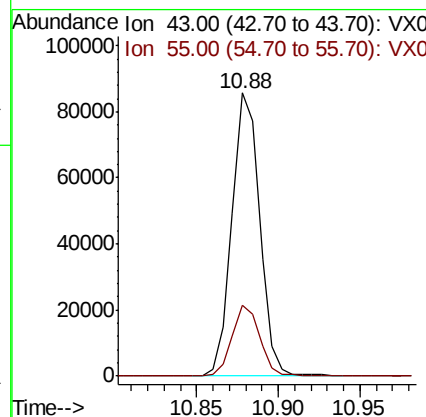
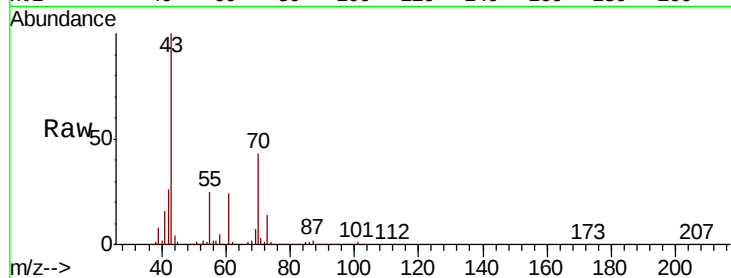




#47
n-amvl Acetate
Concen: 16.645 ug/l
RT: 10.88 min Scan# 1606
Delta R.T. -0.00 min
Lab File: VX017140.D
Acq: 02 Jul 2020 11:50

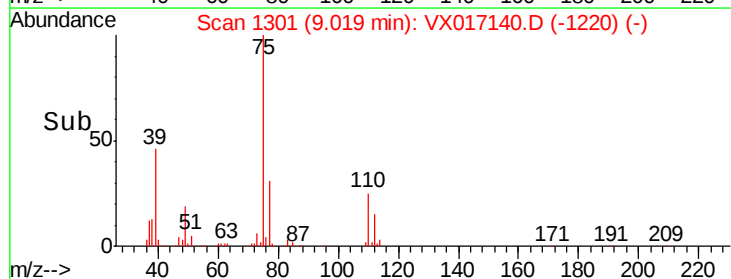
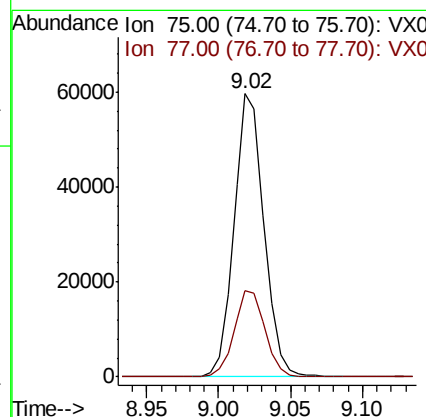
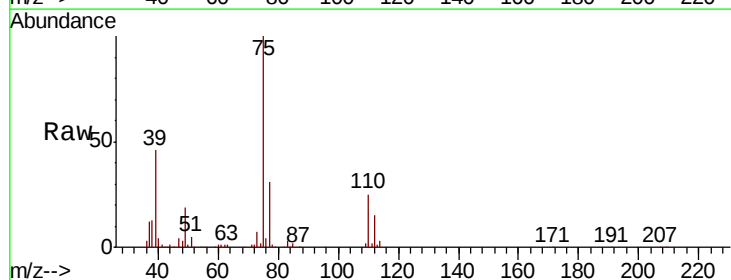
Instrument :
MSVOA_X
ClientSampled :

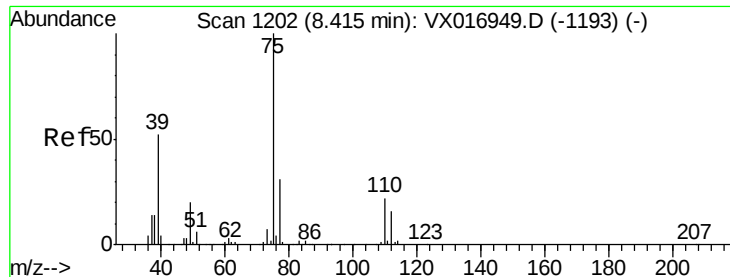
Tot Ion: 43 Resp: 101314
Ion Ratio Lower Upper
43 100
55 25.2 18.6 27.8



#48
t-1,3-Dichloropropene
Concen: 18.702 ug/l
RT: 9.02 min Scan# 1301
Delta R.T. -0.01 min
Lab File: VX017140.D
Acq: 02 Jul 2020 11:50

Tgt Ion: 75 Resp: 86623
Ion Ratio Lower Upper
75 100
77 30.7 27.0 40.4



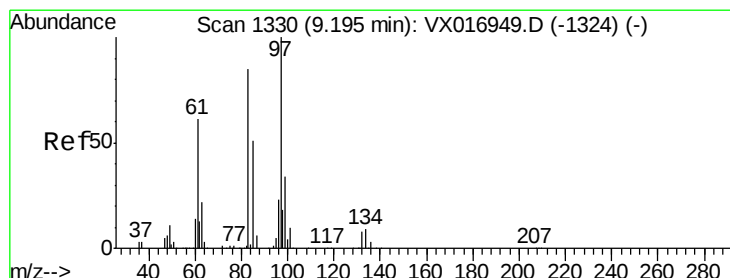
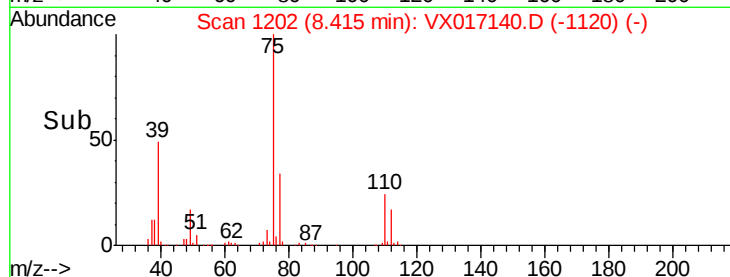
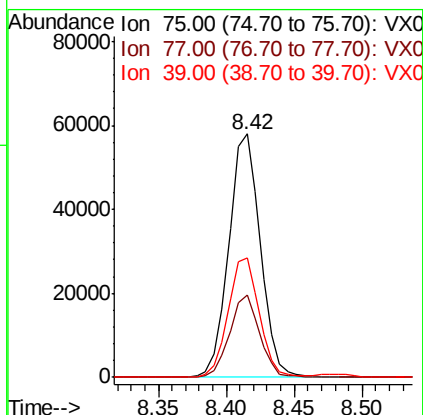
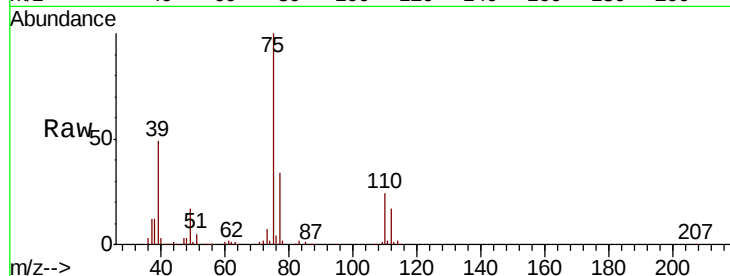


#49

cis-1,3-Dichloropropene
Concen: 19.234 ug/l
RT: 8.42 min Scan# 1202
Delta R.T. -0.00 min
Lab File: VX017140.D
Acq: 02 Jul 2020 11:50

Instrument :
MSVOA_X
ClientSampleId :

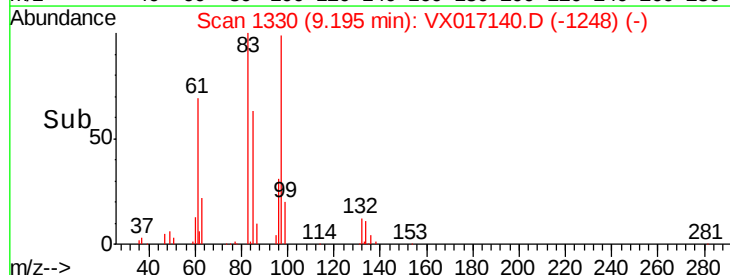
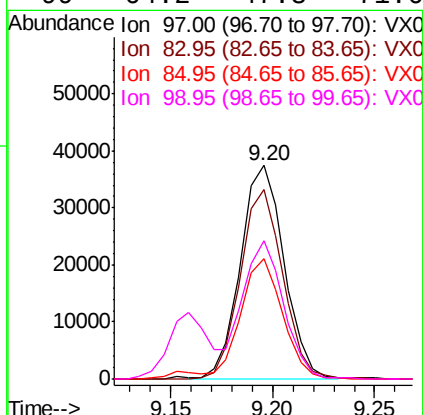
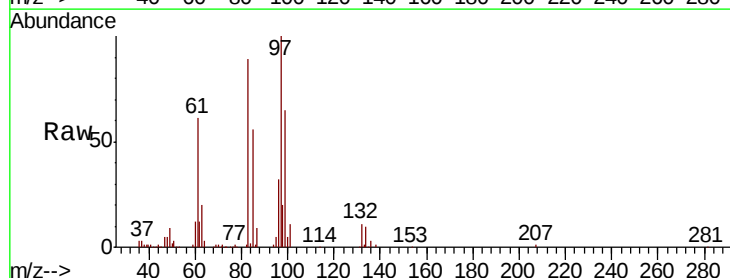
Tot Ion	Ratio	Lower	Upper
75	100		
77	33.8	24.8	37.2
39	49.1	41.8	62.6

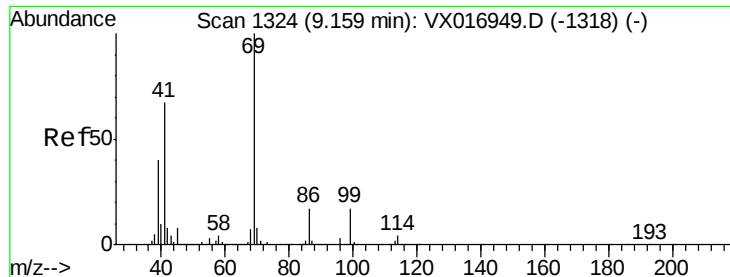


#50

1,1,2-Trichloroethane
Concen: 19.724 ug/l
RT: 9.20 min Scan# 1330
Delta R.T. -0.00 min
Lab File: VX017140.D
Acq: 02 Jul 2020 11:50

Tgt Ion	Ratio	Lower	Upper
97	100		
83	89.0	67.4	101.0
85	56.0	42.9	64.3
99	64.2	47.8	71.6





#51

Ethyl methacrylate

Concen: 18.250 ug/l

RT: 9.16 min Scan# 1324

Delta R.T. -0.00 min

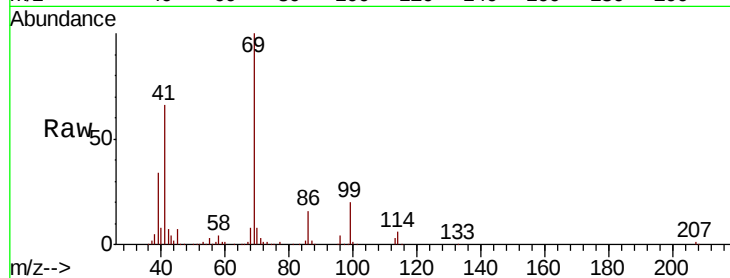
Lab File: VX017140.D

Acq: 02 Jul 2020 11:50

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 69 Resp: 79075

Ion	Ratio	Lower	Upper
69	100		
41	65.5	33.7	101.1
39	33.7	19.9	59.7

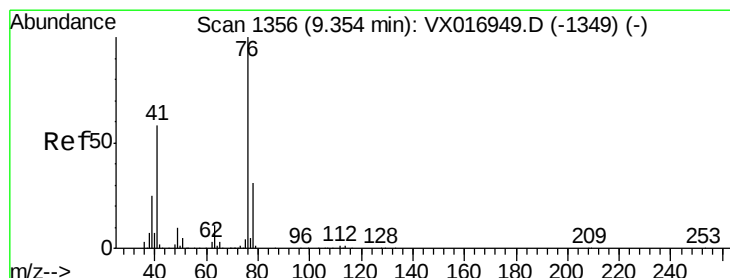
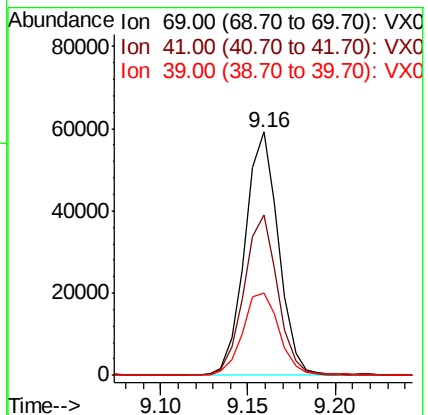
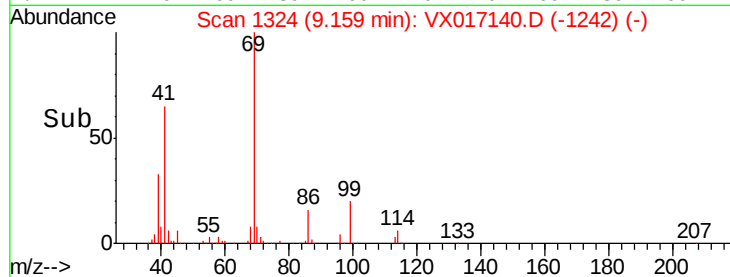


Abundance

Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0



#52

1,3-Dichloropropane

Concen: 19.325 ug/l

RT: 9.35 min Scan# 1356

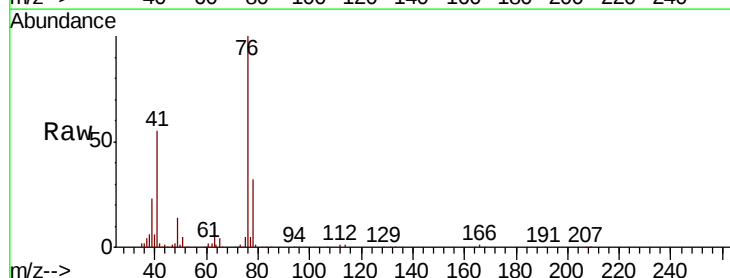
Delta R.T. -0.00 min

Lab File: VX017140.D

Acq: 02 Jul 2020 11:50

Tgt Ion: 76 Resp: 93674

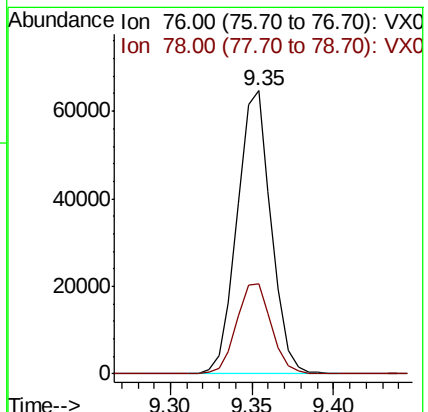
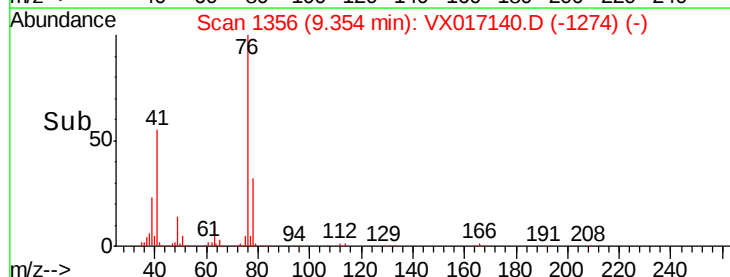
Ion	Ratio	Lower	Upper
76	100		
78	32.6	0.0	62.4

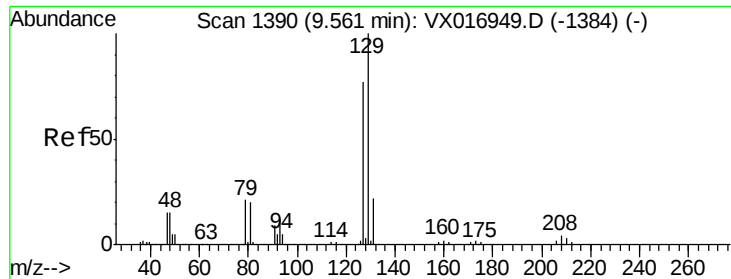


Abundance

Ion 76.00 (75.70 to 76.70): VX0

Ion 78.00 (77.70 to 78.70): VX0





#53

Dibromochloromethane

Concen: 20.602 ug/l

RT: 9.56 min Scan# 1390

Delta R.T. -0.00 min

Lab File: VX017140.D

Acq: 02 Jul 2020 11:50

Instrument :

MSVOA_X

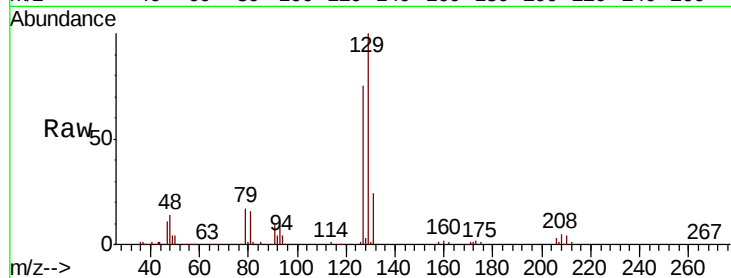
ClientSampleId :

Tot Ion:129 Resp: 66856

Ion Ratio Lower Upper

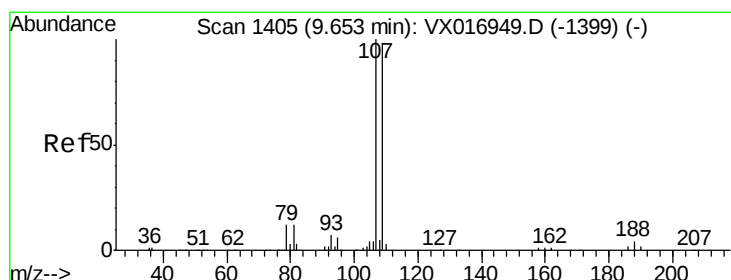
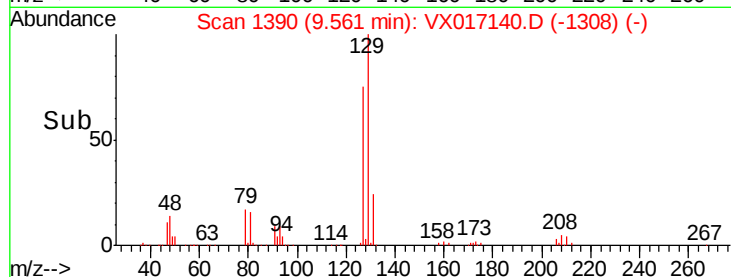
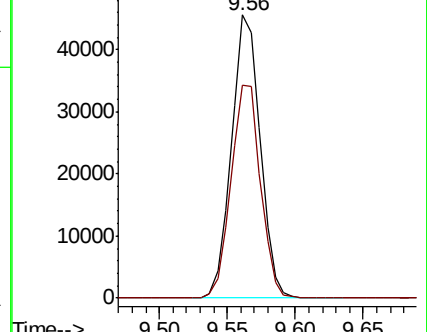
129 100

127 77.3 38.7 116.1



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V



#54

1,2-Dibromoethane

Concen: 20.188 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. -0.00 min

Lab File: VX017140.D

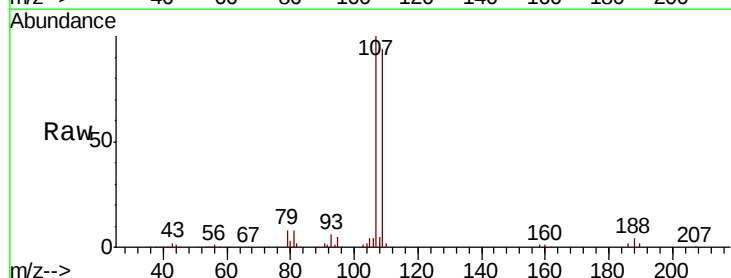
Acq: 02 Jul 2020 11:50

Tgt Ion:107 Resp: 60480

Ion Ratio Lower Upper

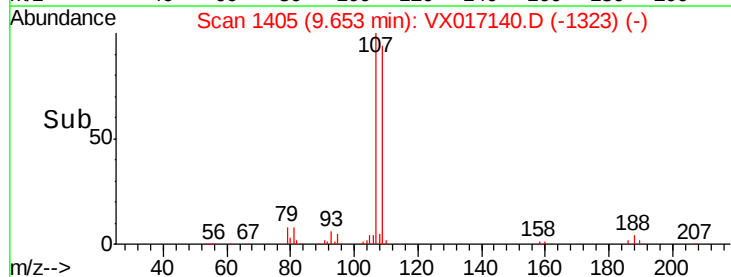
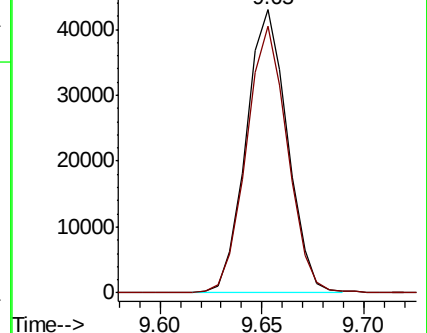
107 100

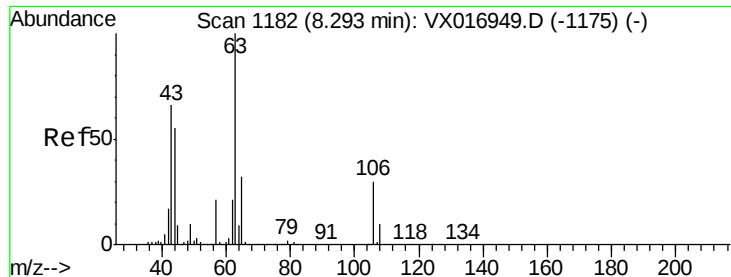
109 94.2 75.0 112.6



Abundance Ion 107.00 (106.70 to 107.70): V

Ion 109.00 (108.70 to 109.70): V

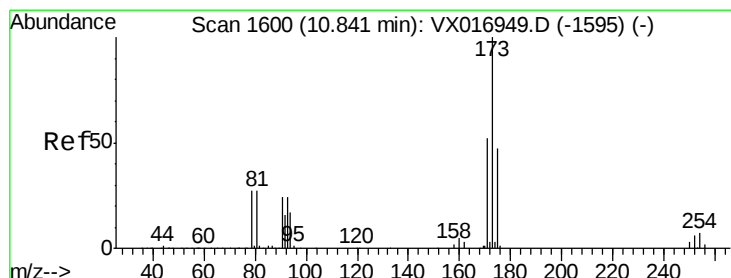
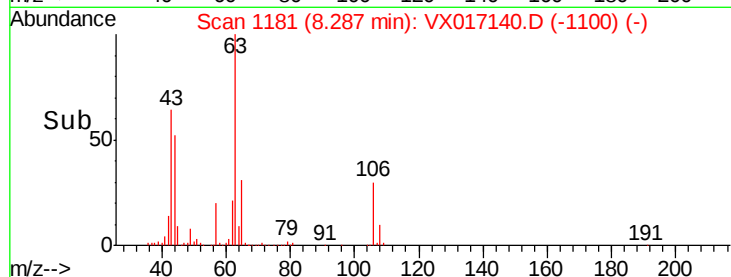
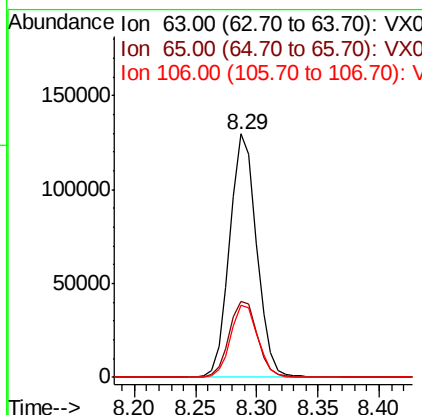
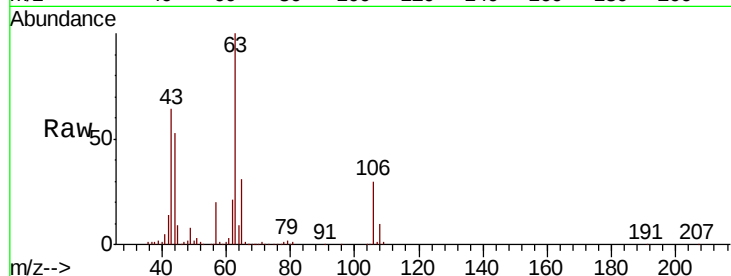




#55
 2-Chloroethyl vinyl ether
 Concen: 86.589 ug/l
 RT: 8.29 min Scan# 1181
 Delta R.T. -0.01 min
 Lab File: VX017140.D
 Acq: 02 Jul 2020 11:50

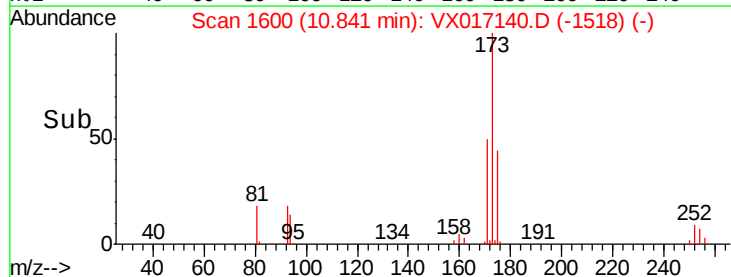
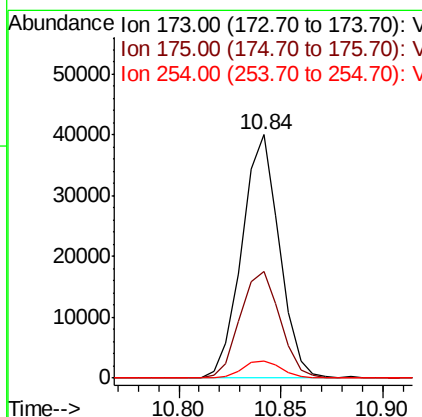
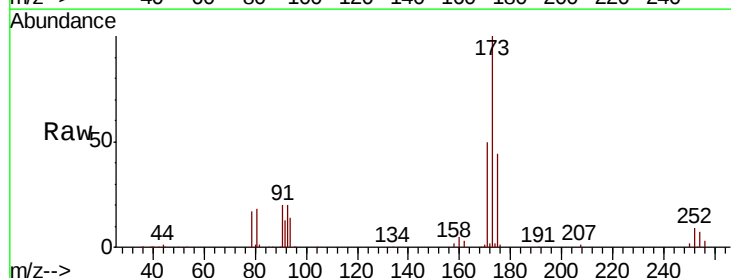
Instrument :
 MSVOA_X
 ClientSampleId :

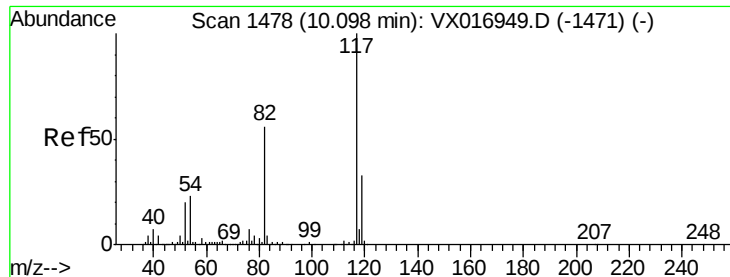
Tot Ion: 63 Resp: 197433
 Ion Ratio Lower Upper
 63 100
 65 32.4 25.9 38.9
 106 30.0 22.6 33.8



#56
 Bromoform
 Concen: 22.301 ug/l
 RT: 10.84 min Scan# 1600
 Delta R.T. -0.00 min
 Lab File: VX017140.D
 Acq: 02 Jul 2020 11:50

Tgt Ion: 173 Resp: 51372
 Ion Ratio Lower Upper
 173 100
 175 46.8 38.7 58.1
 254 7.3 5.8 8.6

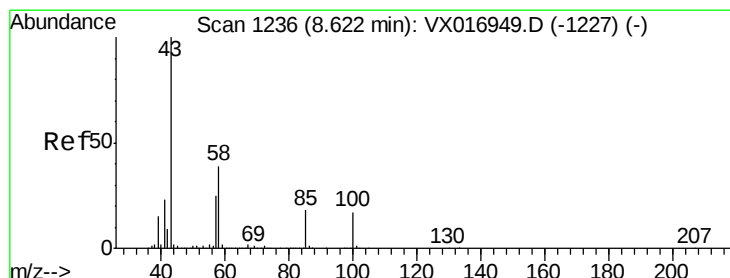
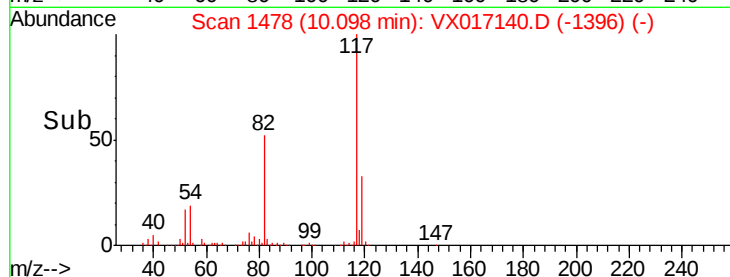
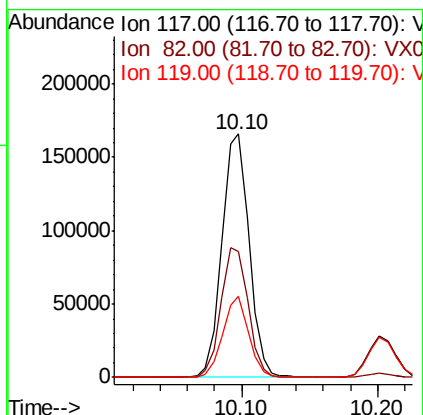
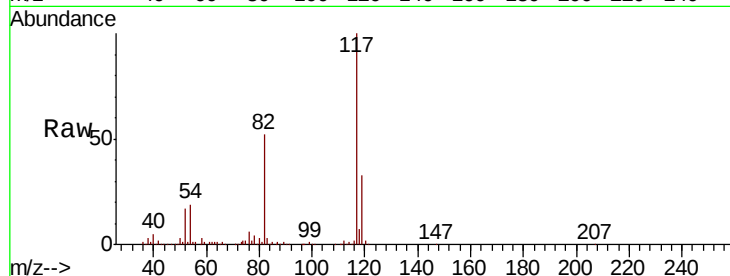




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX017140.D
Acq: 02 Jul 2020 11:50

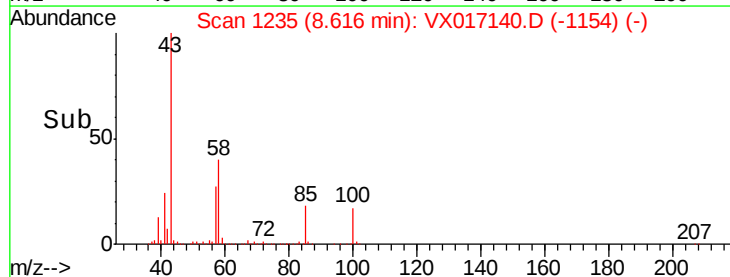
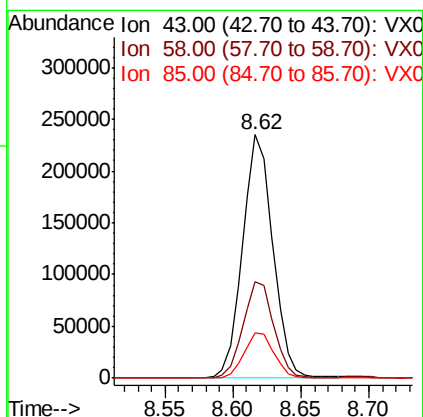
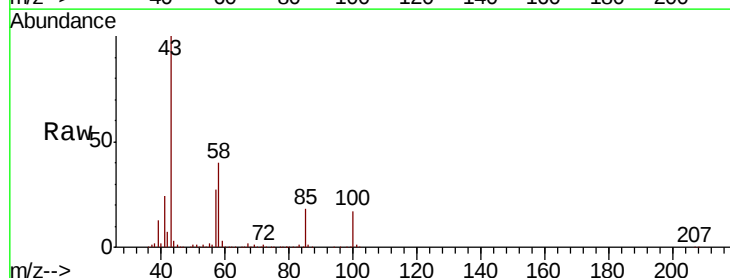
Instrument :
MSVOA_X
ClientSampled :

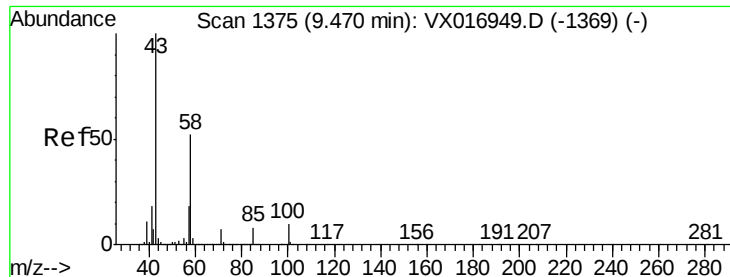
Tot Ion	Ratio	Lower	Upper
117	100		
82	53.5	44.9	67.3
119	31.7	25.8	38.8



#58
4-Methyl-2-Pentanone
Concen: 86.213 ug/l
RT: 8.62 min Scan# 1235
Delta R.T. -0.01 min
Lab File: VX017140.D
Acq: 02 Jul 2020 11:50

Tgt Ion	Ratio	Lower	Upper
43	100		
58	40.1	30.4	45.6
85	18.8	13.5	20.3

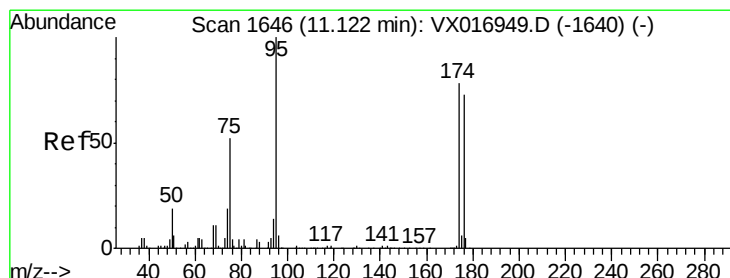
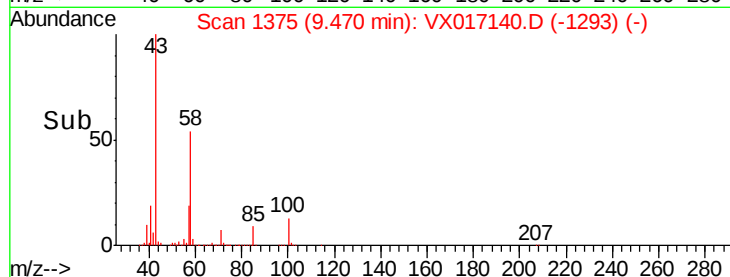
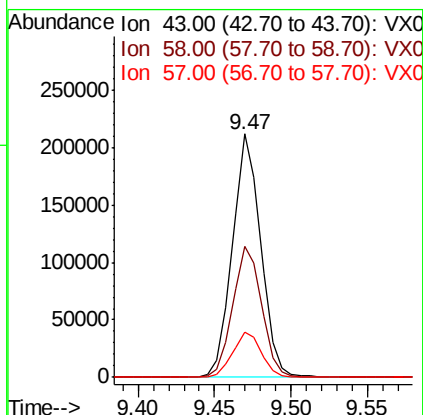
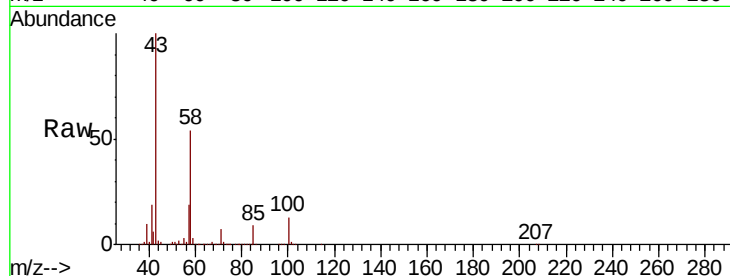




#59
2-Hexanone
Concen: 86.493 ug/l
RT: 9.47 min Scan# 1375
Delta R.T. -0.00 min
Lab File: VX017140.D
Acq: 02 Jul 2020 11:50

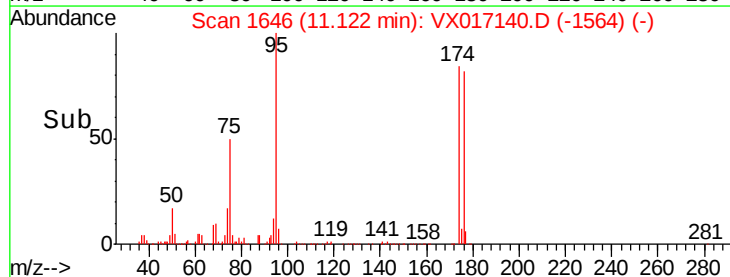
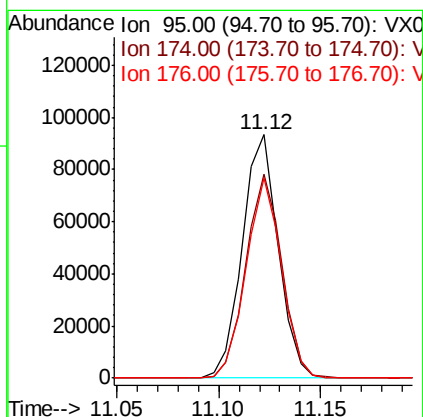
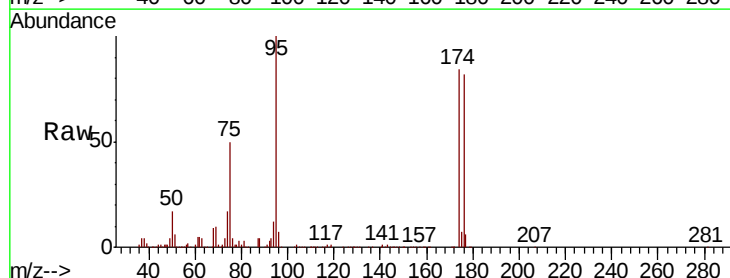
Instrument :
MSVOA_X
ClientSampled :

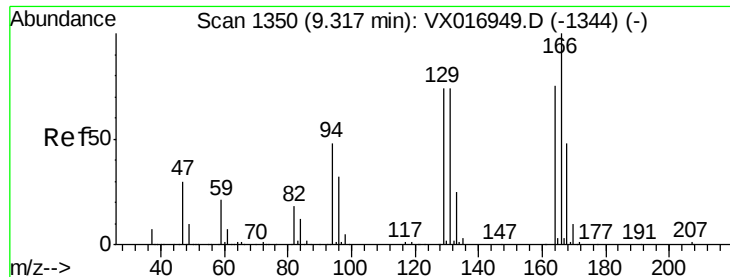
Tot Ion: 43 Resp: 272289
Ion Ratio Lower Upper
43 100
58 55.2 42.3 63.5
57 19.1 14.1 21.1



#60
4-Bromofluorobenzene
Concen: 29.951 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. -0.00 min
Lab File: VX017140.D
Acq: 02 Jul 2020 11:50

Tgt Ion: 95 Resp: 114385
Ion Ratio Lower Upper
95 100
174 84.1 62.2 93.4
176 81.5 58.9 88.3





#61

Tetrachloroethene

Concen: 22.027 ug/l

RT: 9.32 min Scan# 1350

Delta R.T. -0.00 min

Lab File: VX017140.D

Acq: 02 Jul 2020 11:50

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:164 Resp: 64329

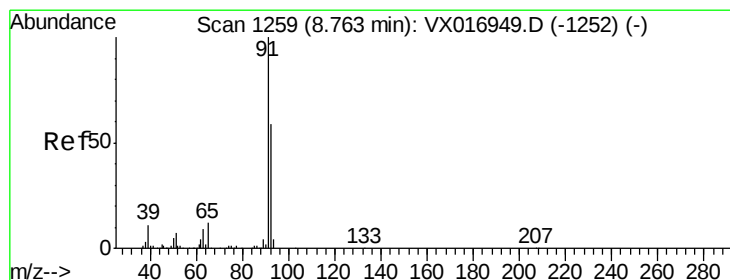
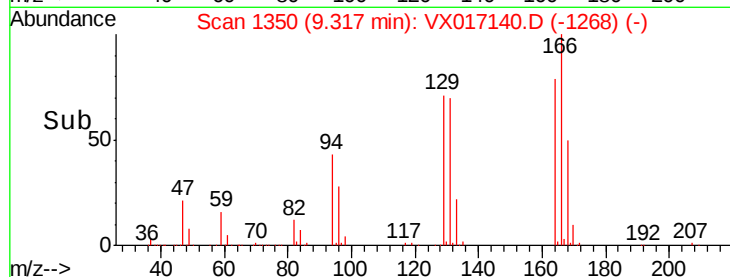
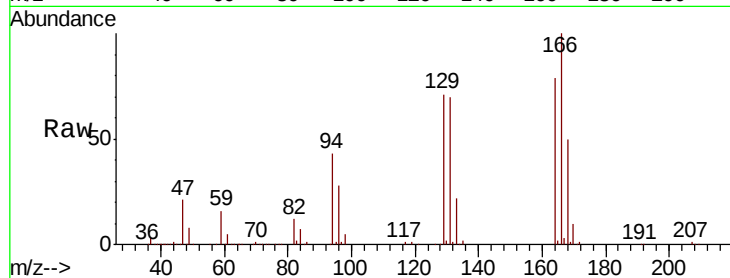
Ion Ratio Lower Upper

164 100

166 126.1 106.3 159.5

129 89.0 78.9 118.3

131 88.3 78.2 117.4



#62

Toluene

Concen: 18.480 ug/l

RT: 8.76 min Scan# 1259

Delta R.T. -0.00 min

Lab File: VX017140.D

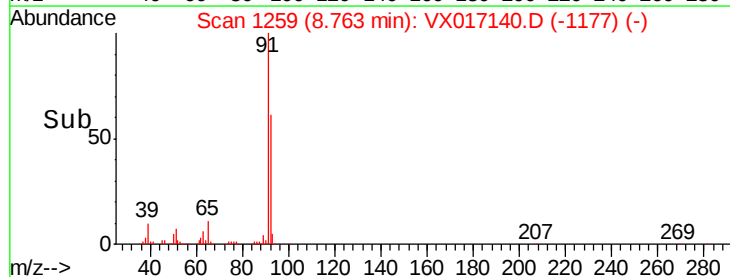
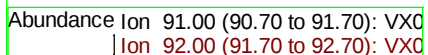
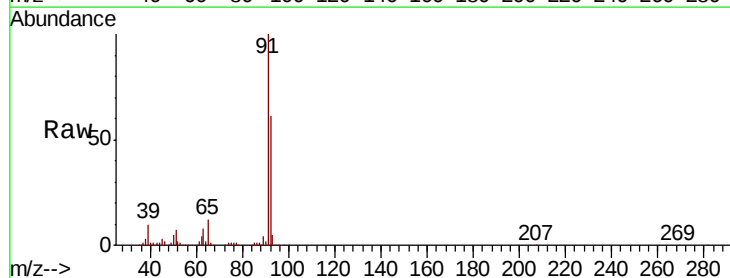
Acq: 02 Jul 2020 11:50

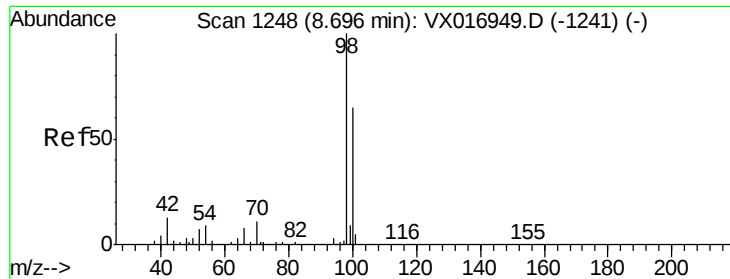
Tgt Ion: 91 Resp: 231462

Ion Ratio Lower Upper

91 100

92 60.5 46.8 70.2





#63

Toluene-d8

Concen: 29.300 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX017140.D

Acq: 02 Jul 2020 11:50

Instrument :

MSVOA_X

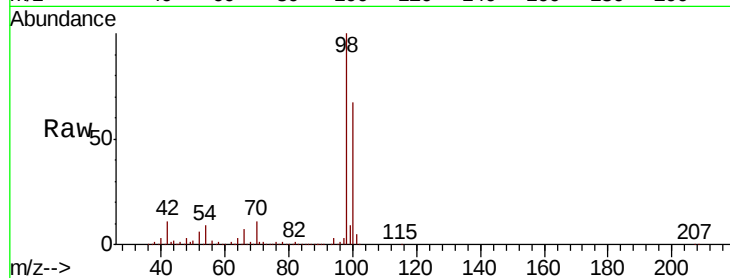
ClientSampleId :

Tot Ion: 98 Resp: 295770

Ion Ratio Lower Upper

98 100

100 66.6 52.3 78.5



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V

8.70

200000

150000

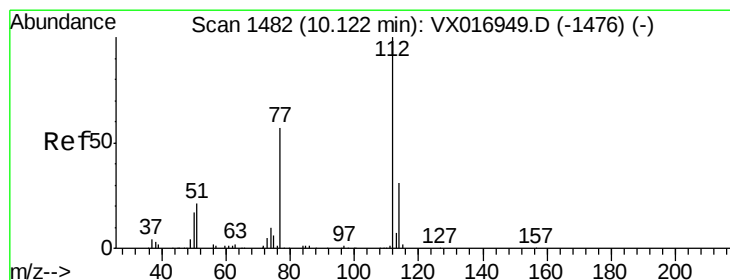
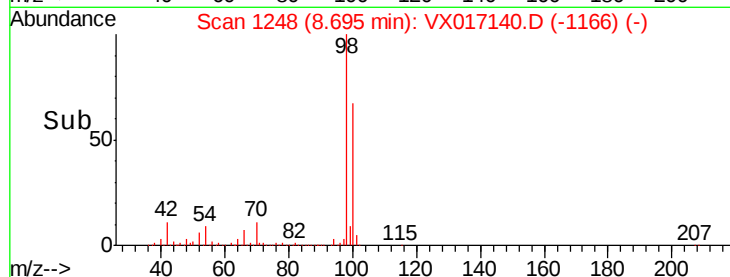
100000

50000

0

8.60 8.65 8.70 8.75 8.80

Time-->



#64

Chlorobenzene

Concen: 19.137 ug/l

RT: 10.12 min Scan# 1482

Delta R.T. -0.00 min

Lab File: VX017140.D

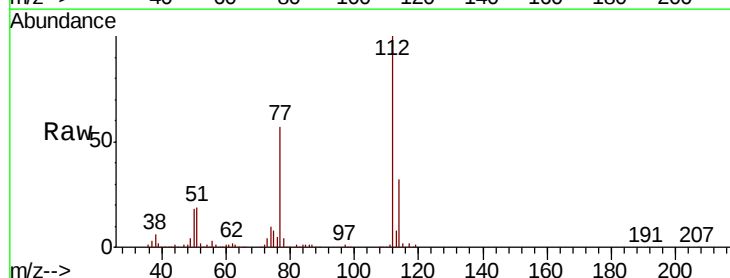
Acq: 02 Jul 2020 11:50

Tgt Ion: 112 Resp: 150166

Ion Ratio Lower Upper

112 100

114 31.9 24.9 37.3



Abundance Ion 112.00 (111.70 to 112.70): V

Ion 114.00 (113.70 to 114.70): V

10.12

120000

100000

80000

60000

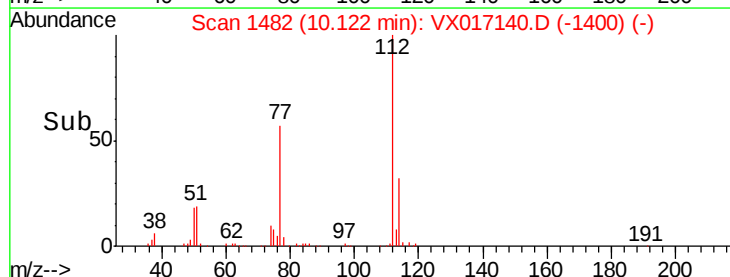
40000

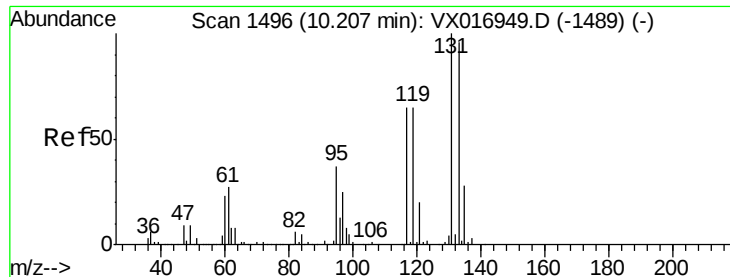
20000

0

10.05 10.10 10.15 10.20

Time-->





#65

1,1,1,2-Tetrachloroethane

Concen: 20.532 ug/l

RT: 10.20 min Scan# 1495

Delta R.T. -0.01 min

Lab File: VX017140.D

Acq: 02 Jul 2020 11:50

Instrument :

MSVOA_X

ClientSampled :

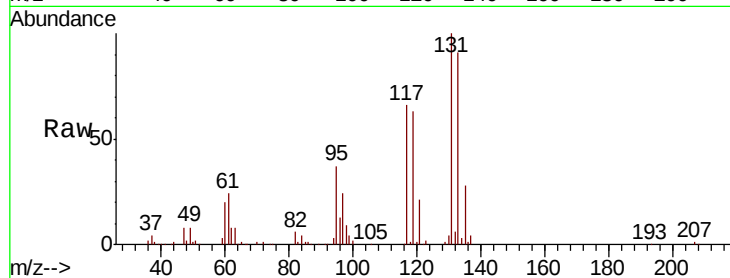
Tot Ion:131 Resp: 60652

Ion Ratio Lower Upper

131 100

133 92.1 0.0 190.2

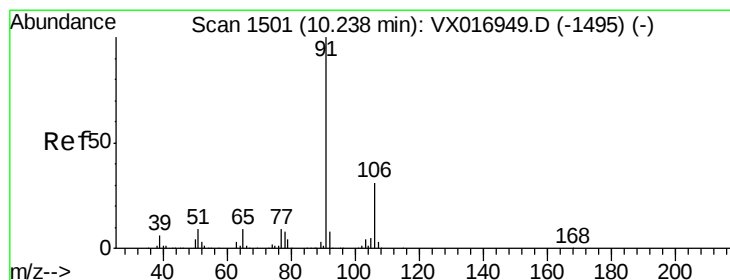
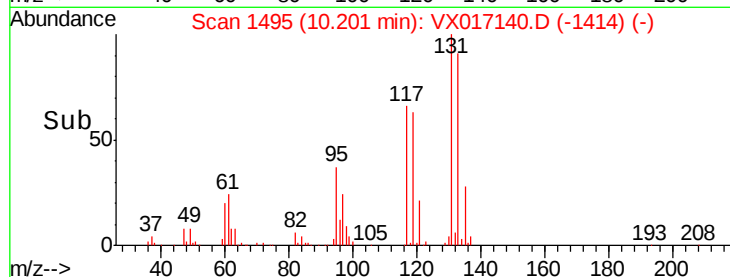
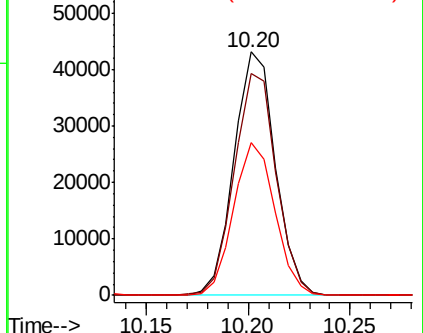
119 62.6 0.0 133.2



Abundance Ion 131.00 (130.70 to 131.70): V

Ion 133.00 (132.70 to 133.70): V

Ion 119.00 (118.70 to 119.70): V



#66

Ethyl Benzene

Concen: 18.623 ug/l

RT: 10.23 min Scan# 1500

Delta R.T. -0.01 min

Lab File: VX017140.D

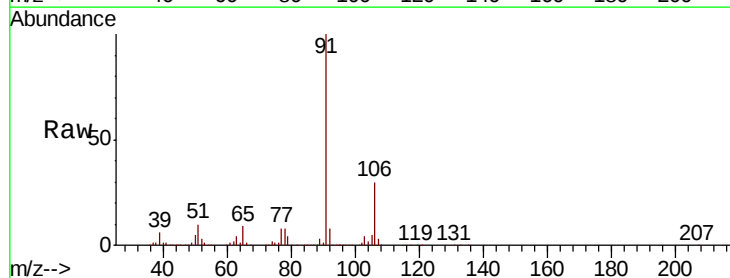
Acq: 02 Jul 2020 11:50

Tgt Ion: 91 Resp: 258671

Ion Ratio Lower Upper

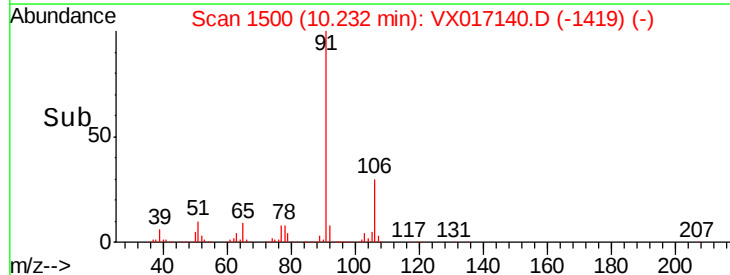
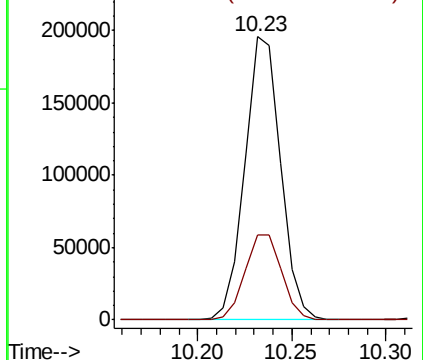
91 100

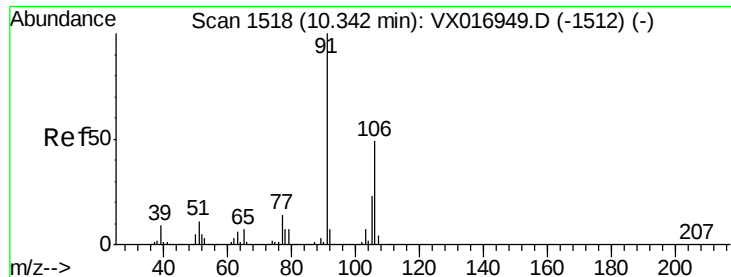
106 29.9 24.8 37.2



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V





#67

m/p-Xylenes

Concen: 38.775 ug/l

RT: 10.34 min Scan# 1518

Delta R.T. -0.00 min

Lab File: VX017140.D

Acq: 02 Jul 2020 11:50

Instrument :

MSVOA_X

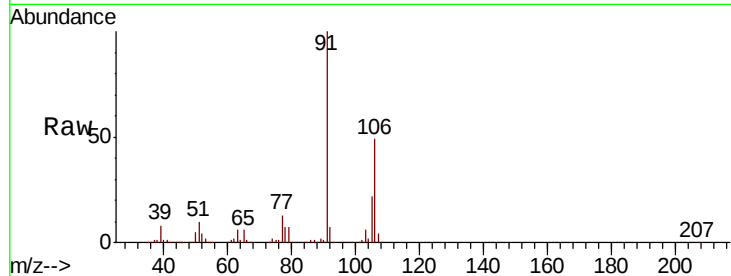
ClientSampled :

Tot Ion:106 Resp: 203167

Ion Ratio Lower Upper

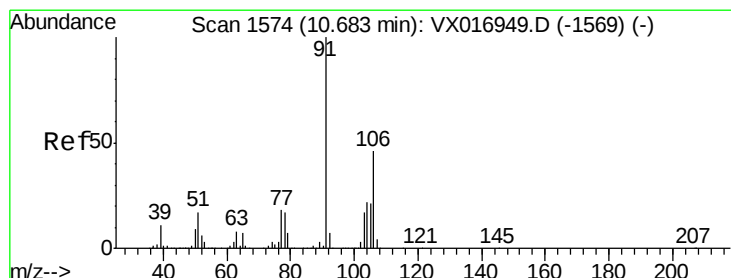
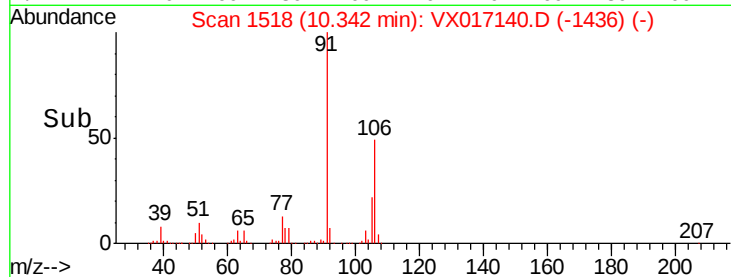
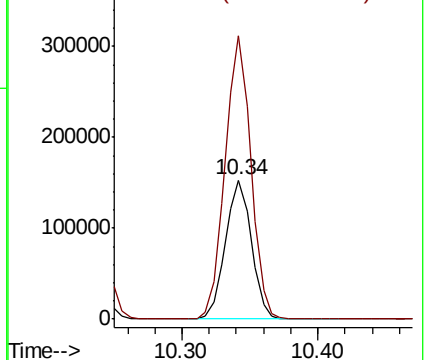
106 100

91 202.3 164.5 246.7



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0



#68

o-Xylene

Concen: 18.731 ug/l

RT: 10.68 min Scan# 1574

Delta R.T. -0.00 min

Lab File: VX017140.D

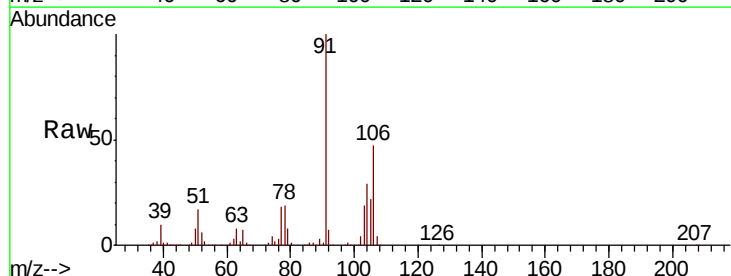
Acq: 02 Jul 2020 11:50

Tgt Ion:106 Resp: 94276

Ion Ratio Lower Upper

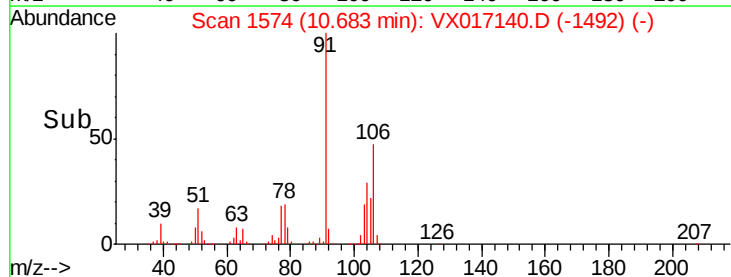
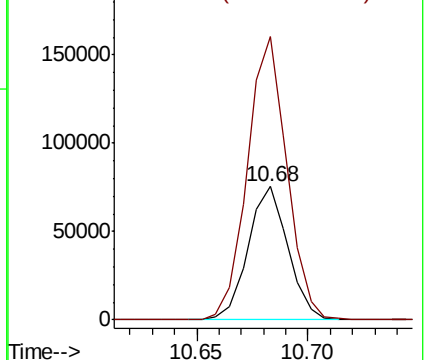
106 100

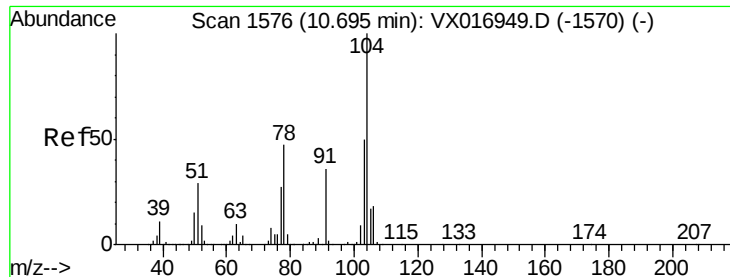
91 211.6 107.3 321.9



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0





#69

Stvrene

Concen: 18.934 ug/l

RT: 10.70 min Scan# 1576

Delta R.T. -0.00 min

Lab File: VX017140.D

Acq: 02 Jul 2020 11:50

Instrument :

MSVOA_X

ClientSampleId :

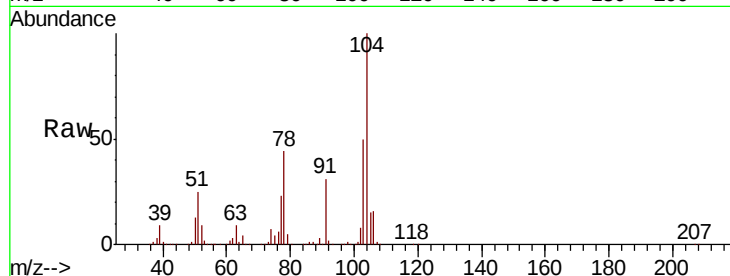
Tot Ion:104 Resp: 163168

Ion Ratio Lower Upper

104 100

78 50.2 42.6 64.0

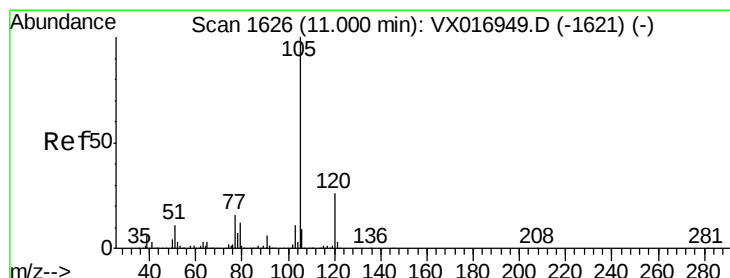
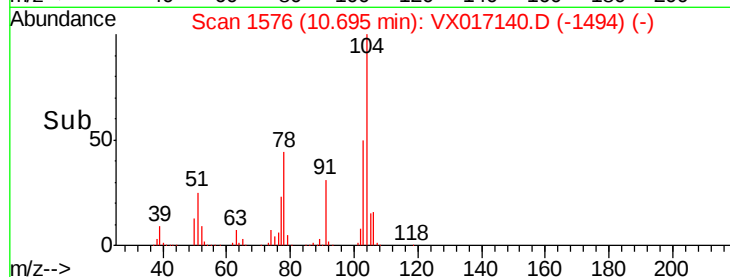
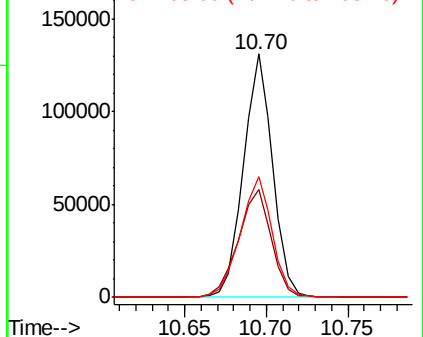
103 54.5 44.1 66.1



Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): VX0

Ion 103.00 (102.70 to 103.70): V



#70

Isopropylbenzene

Concen: 18.980 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.00 min

Lab File: VX017140.D

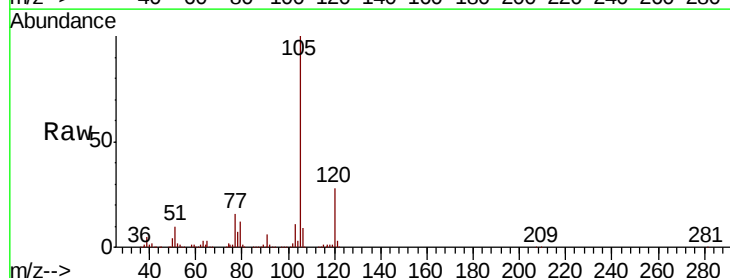
Acq: 02 Jul 2020 11:50

Tgt Ion:105 Resp: 259101

Ion Ratio Lower Upper

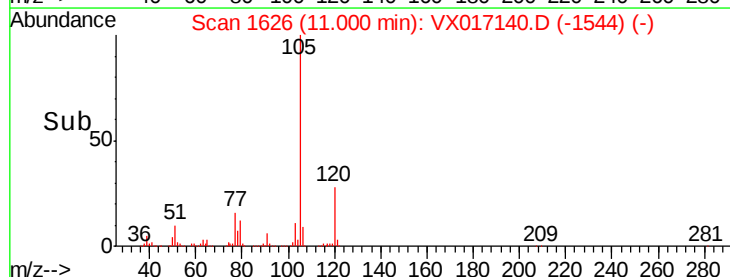
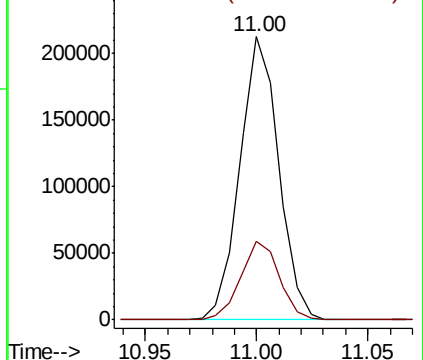
105 100

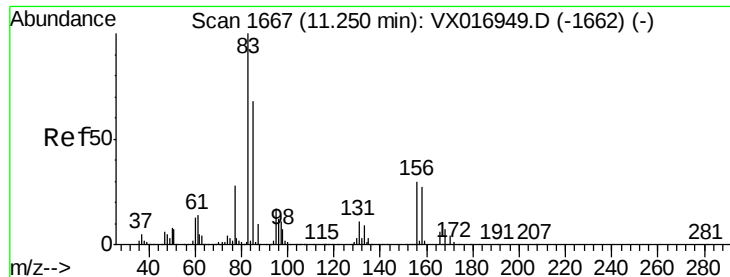
120 27.8 19.0 35.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#71

1,1,2,2-Tetrachloroethane

Concen: 18.019 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. -0.00 min

Lab File: VX017140.D

Acq: 02 Jul 2020 11:50

Instrument :

MSVOA_X

ClientSampleId :

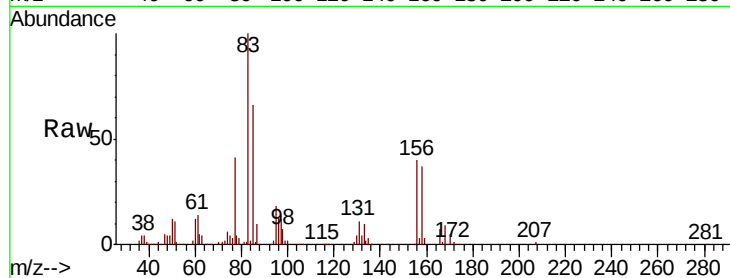
Tot Ion: 83 Resp: 75545

Ion Ratio Lower Upper

83 100

131 11.3 5.2 15.6

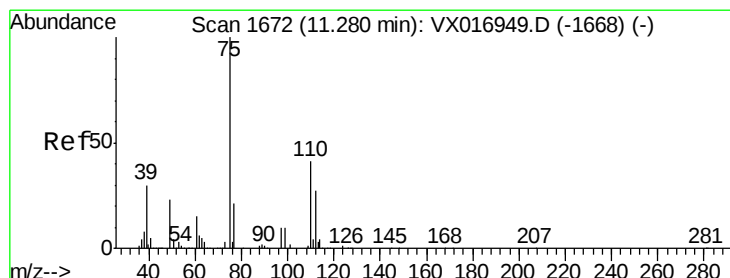
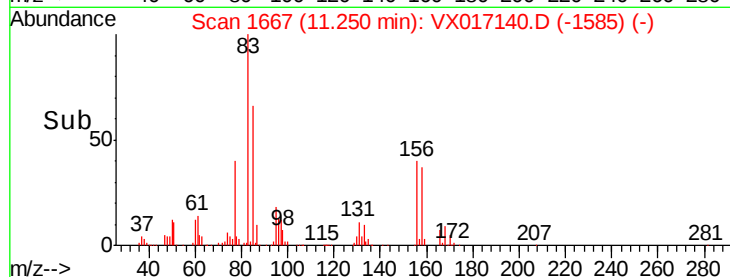
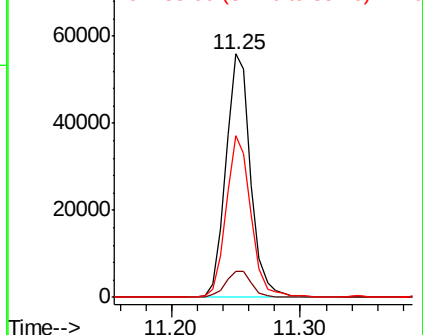
85 66.9 33.1 99.3



Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 131.00 (130.70 to 131.70): V

Ion 85.00 (84.70 to 85.70): VX0



#72

1,2,3-Trichloropropane

Concen: 23.863 ug/l

RT: 11.28 min Scan# 1672

Delta R.T. -0.00 min

Lab File: VX017140.D

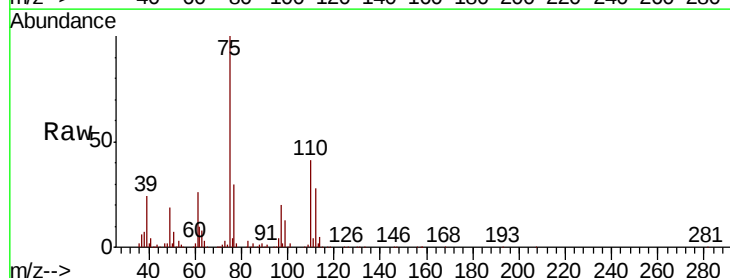
Acq: 02 Jul 2020 11:50

Tgt Ion: 75 Resp: 96078

Ion Ratio Lower Upper

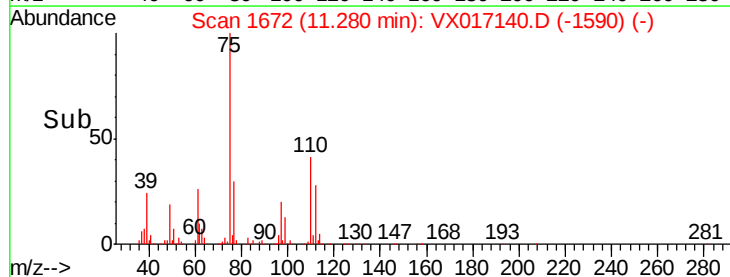
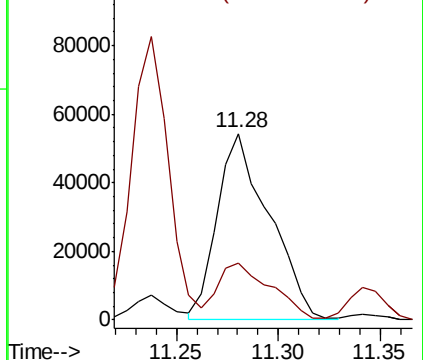
75 100

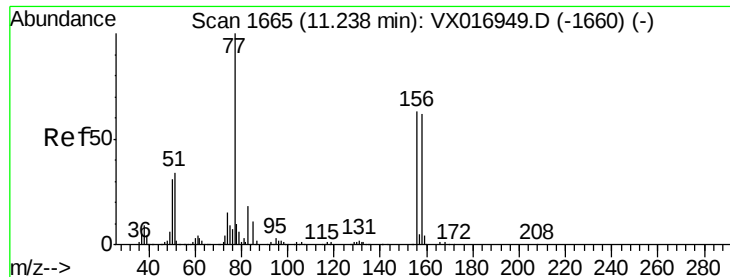
77 31.2 0.0 77.2



Abundance Ion 75.00 (74.70 to 75.70): VX0

Ion 77.00 (76.70 to 77.70): VX0





#73

Bromobenzene

Concen: 20.528 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX017140.D

Acq: 02 Jul 2020 11:50

Instrument :

MSVOA_X

ClientSampleId :

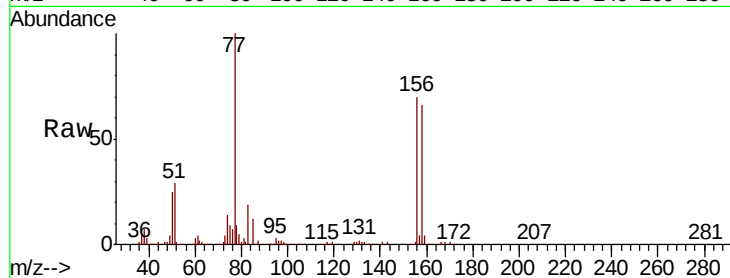
Tot Ion:156 Resp: 70724

Ion Ratio Lower Upper

156 100

77 148.0 0.0 317.2

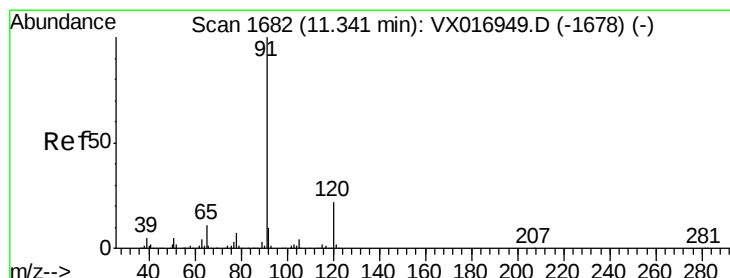
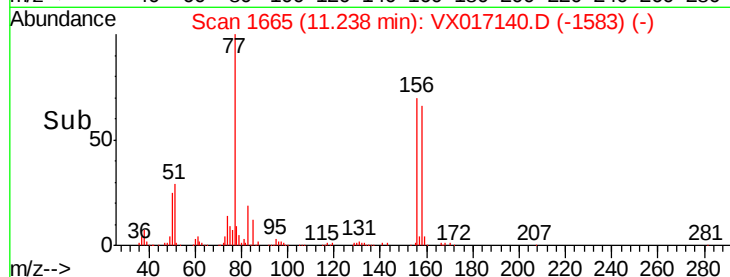
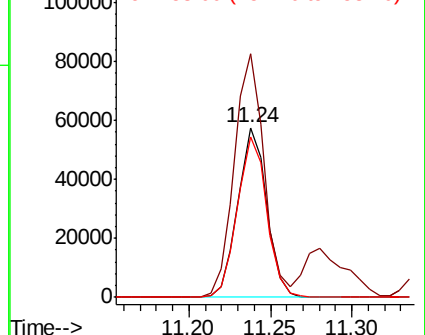
158 96.4 0.0 188.4



Abundance Ion 156.00 (155.70 to 156.70): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 158.00 (157.70 to 158.70): V



#74

n-propylbenzene

Concen: 18.684 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. -0.00 min

Lab File: VX017140.D

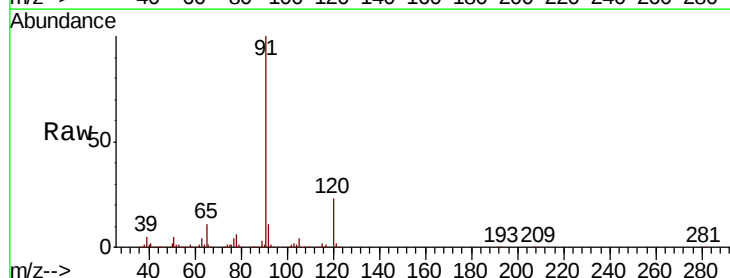
Acq: 02 Jul 2020 11:50

Tgt Ion: 91 Resp: 302846

Ion Ratio Lower Upper

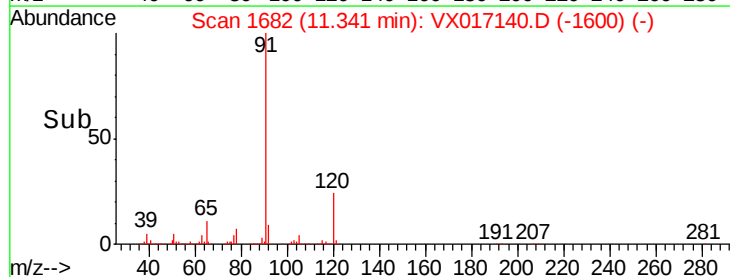
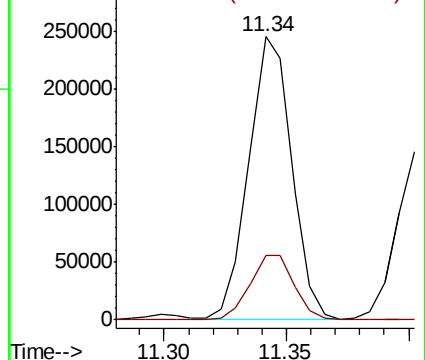
91 100

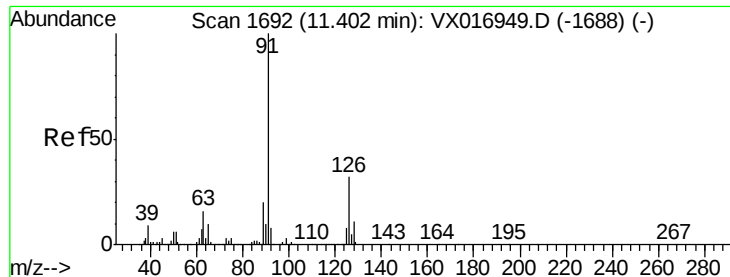
120 23.5 0.0 45.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

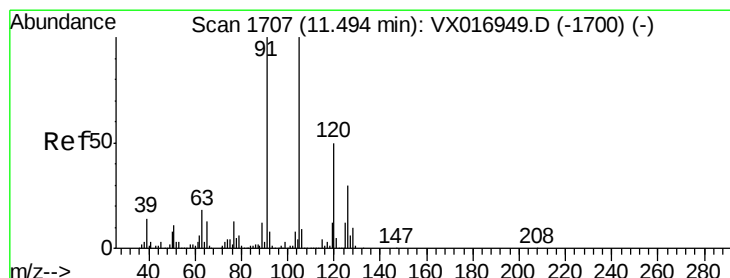
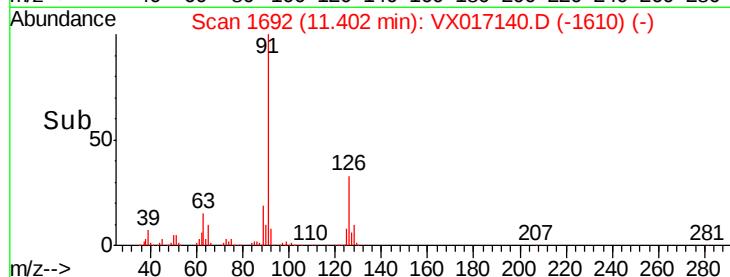
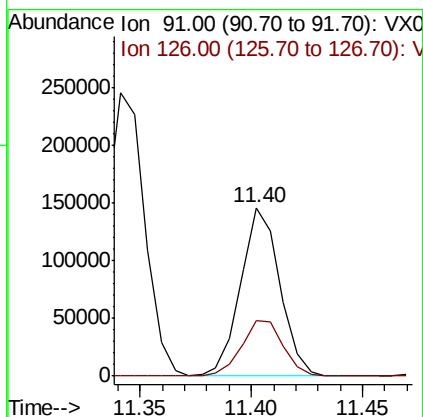
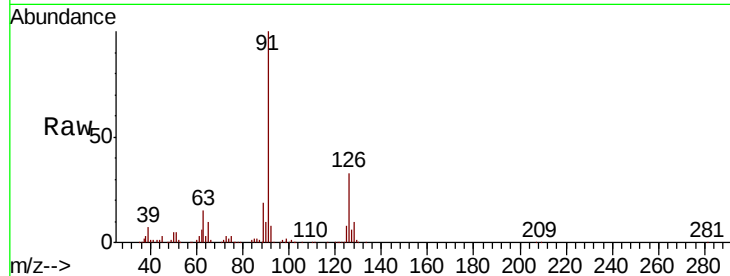




#75
 2-Chlorotoluene
 Concen: 19.167 ug/l
 RT: 11.40 min Scan# 1692
 Delta R.T. -0.00 min
 Lab File: VX017140.D
 Acq: 02 Jul 2020 11:50

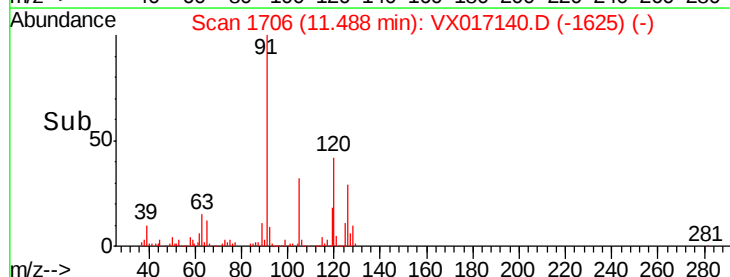
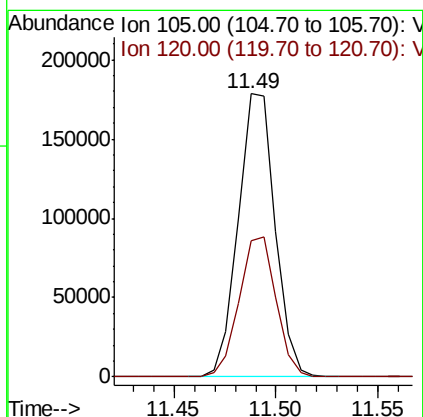
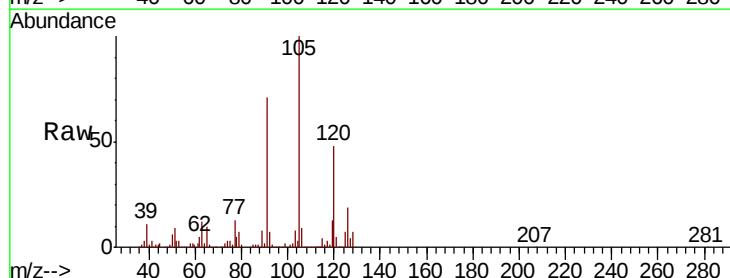
Instrument :
 MSVOA_X
 ClientSampleId :

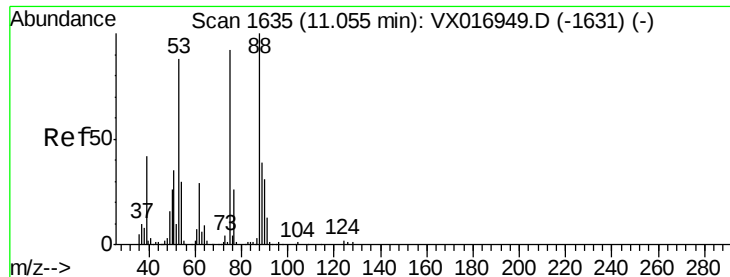
Tot Ion: 91 Resp: 181164
 Ion Ratio Lower Upper
 91 100
 126 34.6 0.0 68.0



#76
 1,3,5-Trimethylbenzene
 Concen: 19.567 ug/l
 RT: 11.49 min Scan# 1706
 Delta R.T. -0.01 min
 Lab File: VX017140.D
 Acq: 02 Jul 2020 11:50

Tgt Ion: 105 Resp: 224217
 Ion Ratio Lower Upper
 105 100
 120 49.6 0.0 99.4





#77

t-1,4-Dichloro-2-butene

Concen: 16.641 ug/l

RT: 11.05 min Scan# 1635

Delta R.T. -0.00 min

Lab File: VX017140.D

Acq: 02 Jul 2020 11:50

Instrument :

MSVOA_X

ClientSampleId :

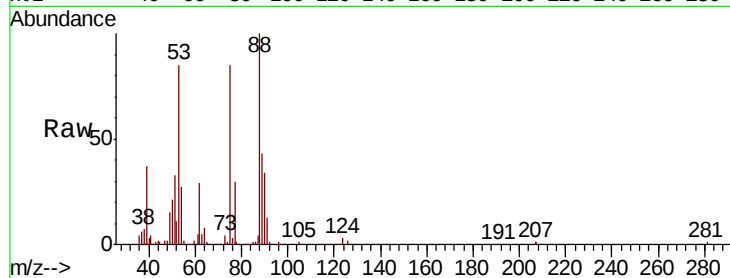
Tot Ion: 75 Resp: 27152

Ion Ratio Lower Upper

75 100

53 99.9 47.6 142.9

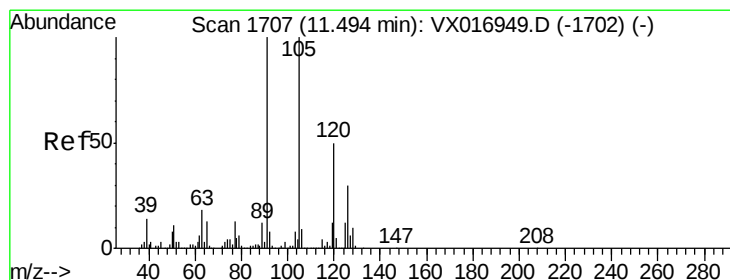
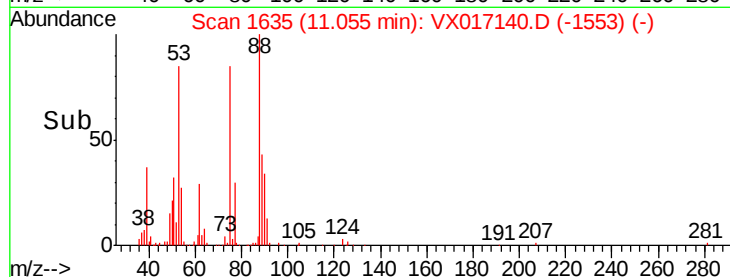
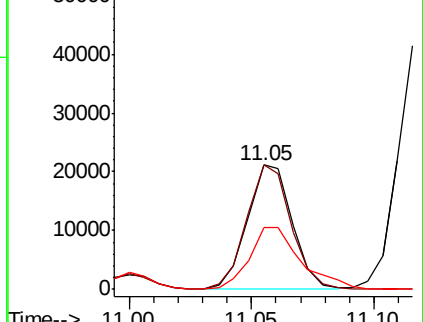
89 50.0 21.1 63.4



Abundance Ion 75.00 (74.70 to 75.70): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 89.00 (88.70 to 89.70): VX0



#78

4-Chlorotoluene

Concen: 19.440 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX017140.D

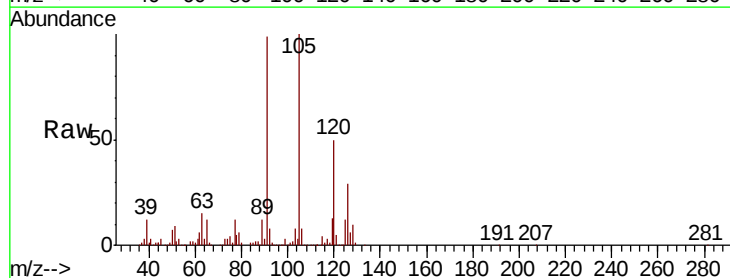
Acq: 02 Jul 2020 11:50

Tgt Ion: 91 Resp: 217551

Ion Ratio Lower Upper

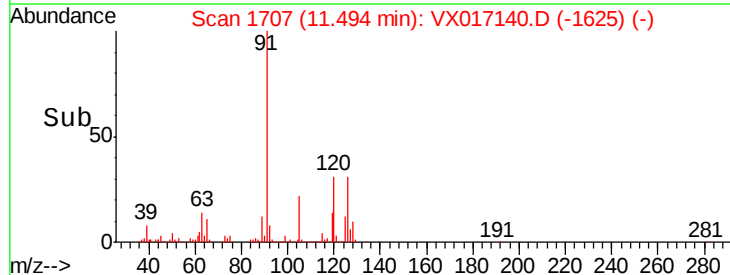
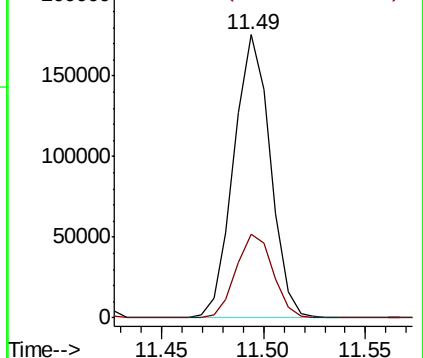
91 100

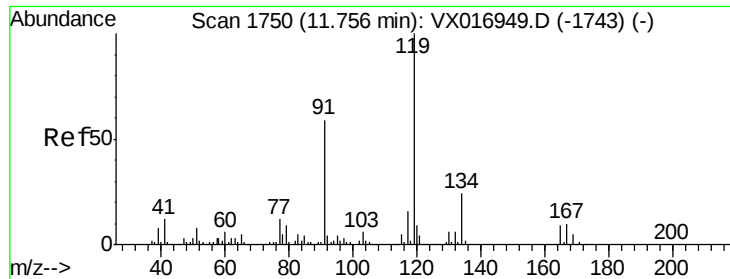
126 29.6 0.0 60.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 126.00 (125.70 to 126.70): V

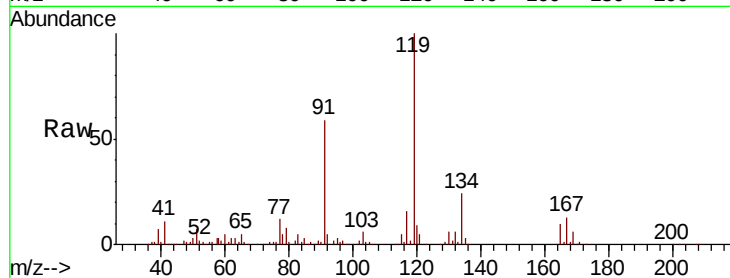




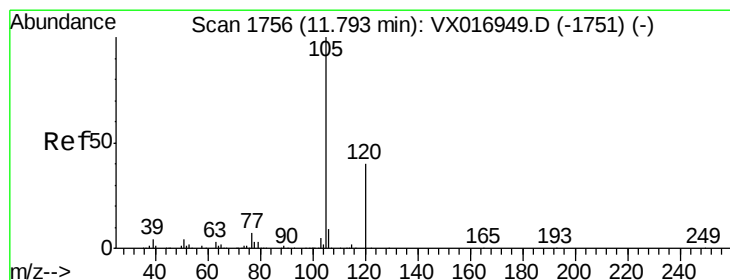
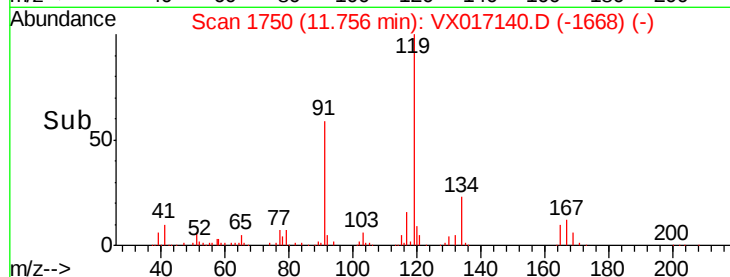
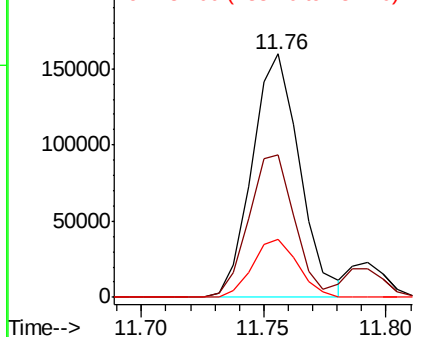
#79
tert-butylbenzene
Concen: 19.586 ug/l
RT: 11.76 min Scan# 1750
Delta R.T. -0.00 min
Lab File: VX017140.D
Acq: 02 Jul 2020 11:50

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
119	100		
91	56.4	0.0	115.2
134	23.1	0.0	45.8

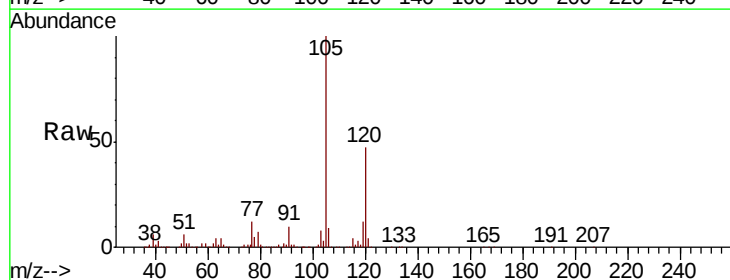


Abundance Ion 119.00 (118.70 to 119.70): V
Ion 91.00 (90.70 to 91.70): VX0
Ion 134.00 (133.70 to 134.70): V

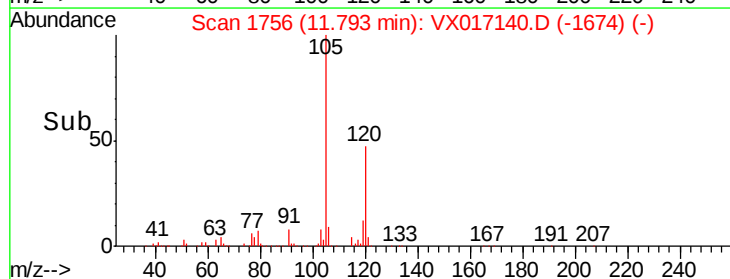
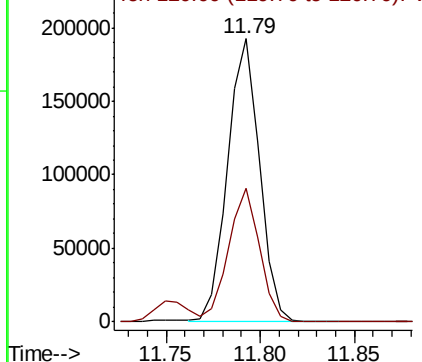


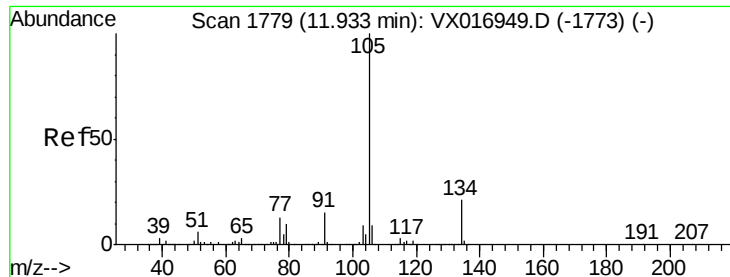
#80
1,2,4-Trimethylbenzene
Concen: 19.691 ug/l
RT: 11.79 min Scan# 1756
Delta R.T. -0.00 min
Lab File: VX017140.D
Acq: 02 Jul 2020 11:50

Tgt Ion	Ratio	Lower	Upper
105	100		
120	46.1	0.0	89.8



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

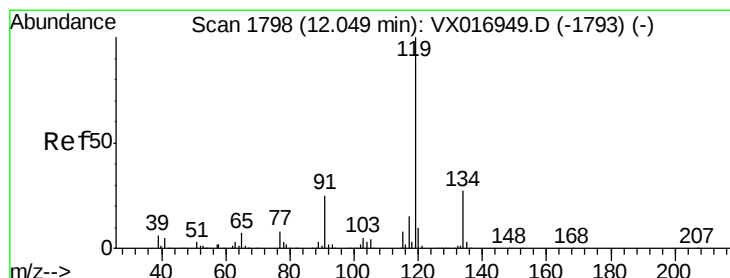
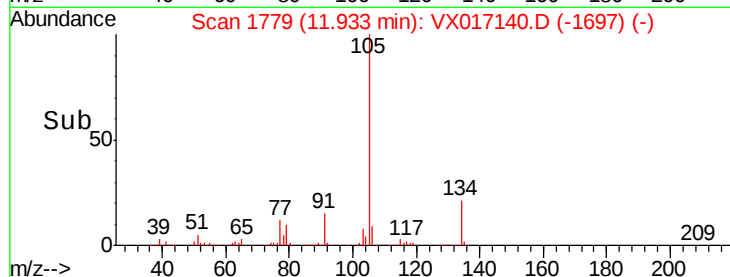
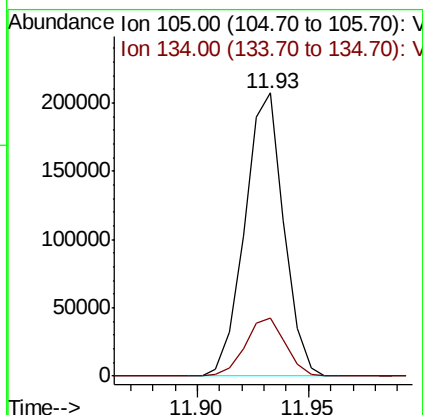
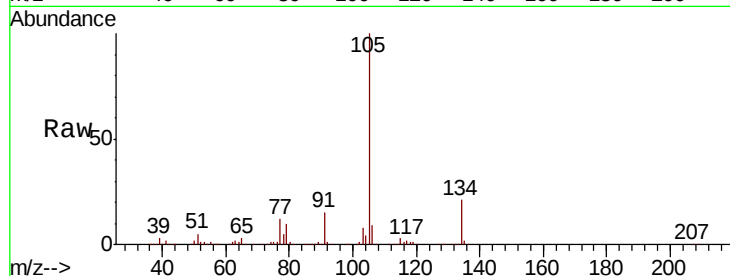




#81
 sec-Butylbenzene
 Concen: 19.049 ug/l
 RT: 11.93 min Scan# 1779
 Delta R.T. -0.00 min
 Lab File: VX017140.D
 Acq: 02 Jul 2020 11:50

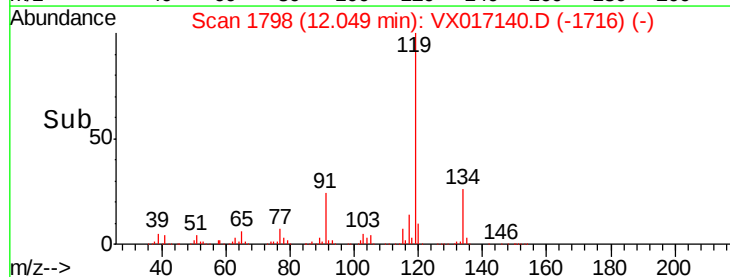
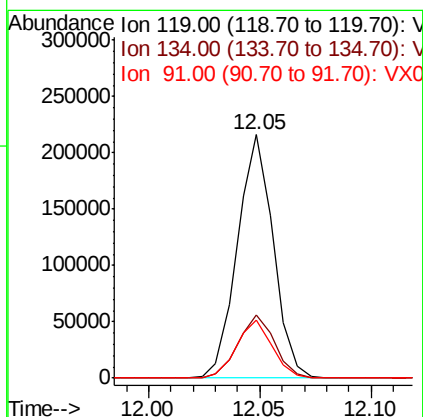
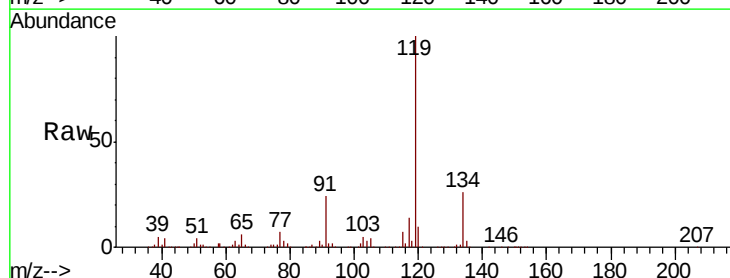
Instrument :
 MSVOA_X
 ClientSampleId :

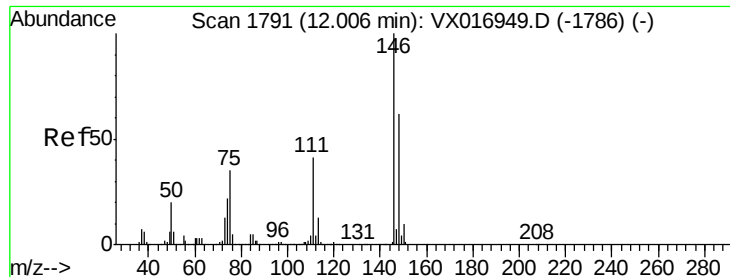
Tot Ion:105 Resp: 253161
 Ion Ratio Lower Upper
 105 100
 134 21.0 0.0 41.2



#82
 p-Isopropyltoluene
 Concen: 20.305 ug/l
 RT: 12.05 min Scan# 1798
 Delta R.T. -0.00 min
 Lab File: VX017140.D
 Acq: 02 Jul 2020 11:50

Tgt Ion:119 Resp: 243655
 Ion Ratio Lower Upper
 119 100
 134 26.4 0.0 53.0
 91 23.7 0.0 49.0

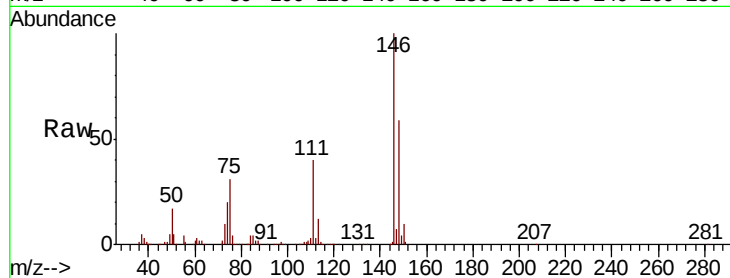




#83
 1,3-Dichlorobenzene
 Concen: 20.662 ug/l
 RT: 12.01 min Scan# 1791
 Delta R.T. -0.00 min
 Lab File: VX017140.D
 Acq: 02 Jul 2020 11:50

Instrument :
 MSVOA_X
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.6	19.5	58.5
148	64.0	31.8	95.4

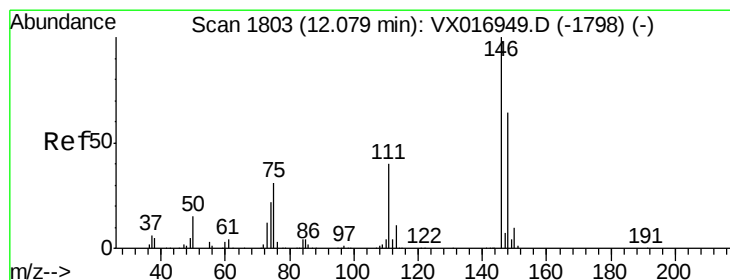
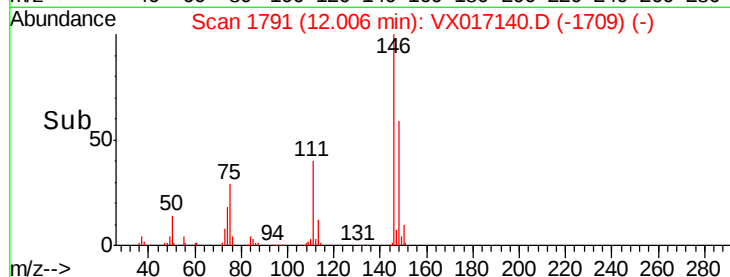
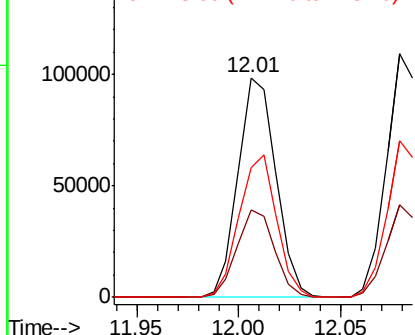


Abundance

Ion 146.00 (145.70 to 146.70): V

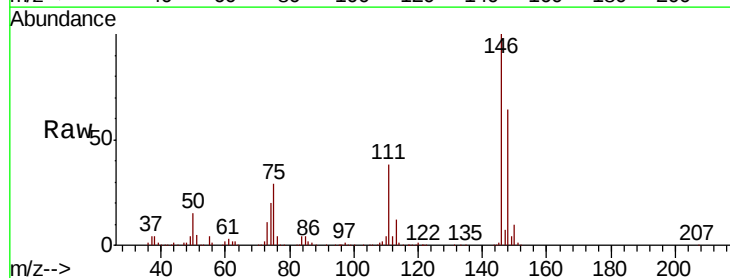
Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V



#84
 1,4-Dichlorobenzene
 Concen: 21.242 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. -0.00 min
 Lab File: VX017140.D
 Acq: 02 Jul 2020 11:50

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.2	19.4	58.2
148	63.3	32.1	96.3

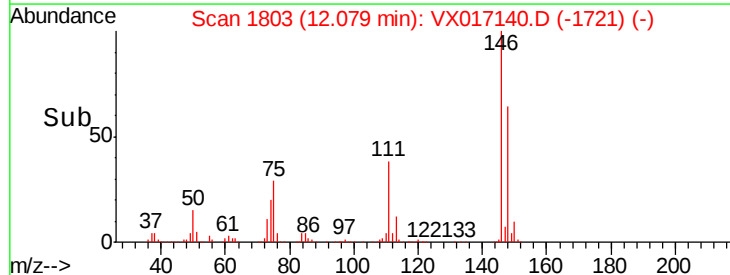
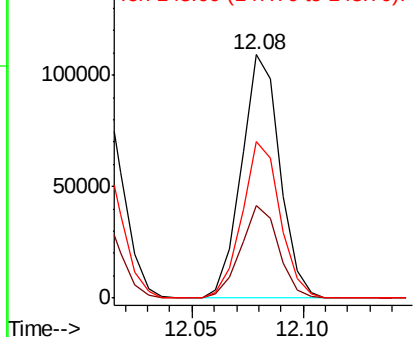


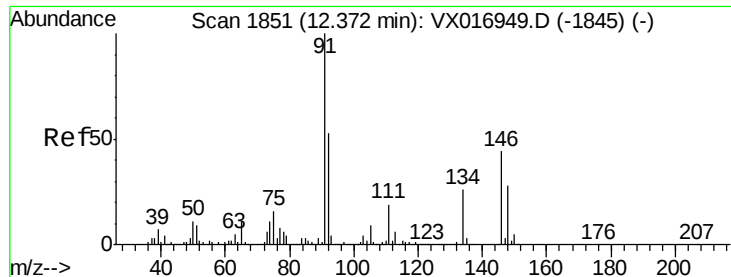
Abundance

Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V

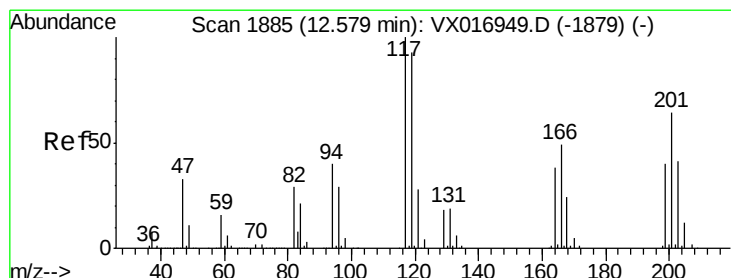
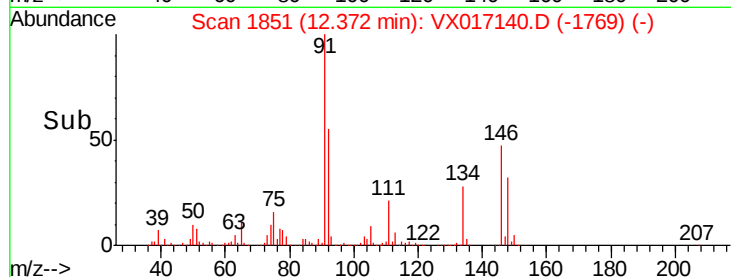
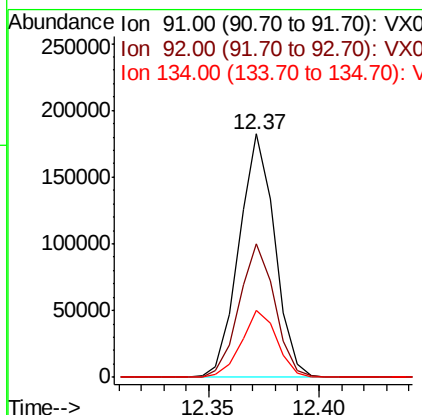
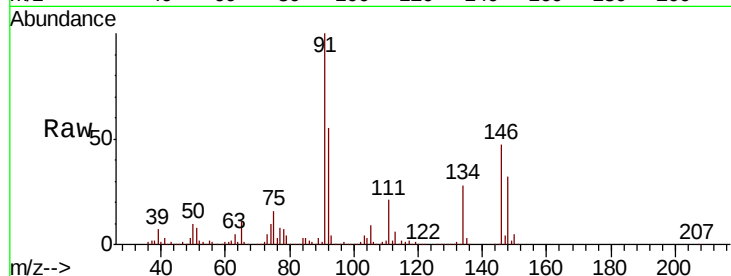




#85
n-Butylbenzene
Concen: 18.358 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. -0.00 min
Lab File: VX017140.D
Acq: 02 Jul 2020 11:50

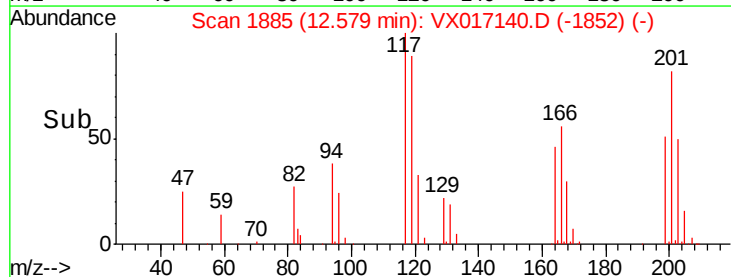
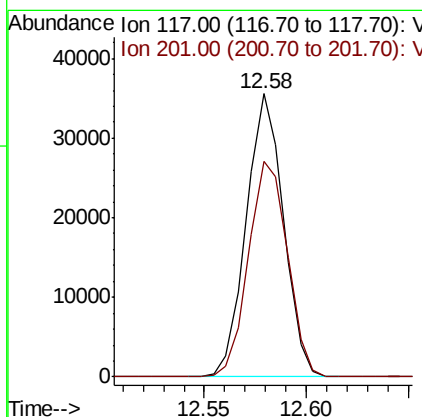
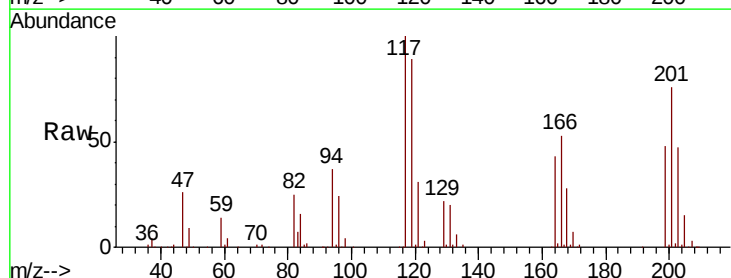
Instrument :
MSVOA_X
ClientSampled :

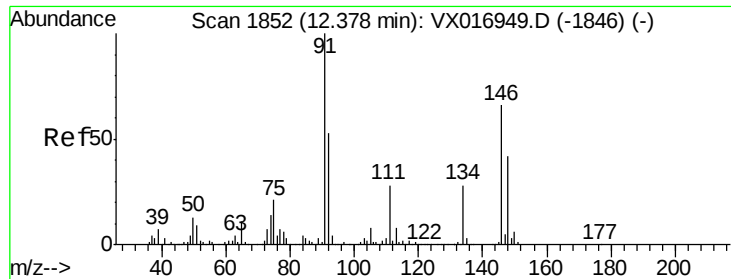
Tot Ion: 91 Resp: 203909
Ion Ratio Lower Upper
91 100
92 54.7 0.0 105.8
134 27.5 0.0 52.2



#86
Hexachloroethane
Concen: 19.261 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX017140.D
Acq: 02 Jul 2020 11:50

Tgt Ion: 117 Resp: 45232
Ion Ratio Lower Upper
117 100
201 79.9 34.6 103.9

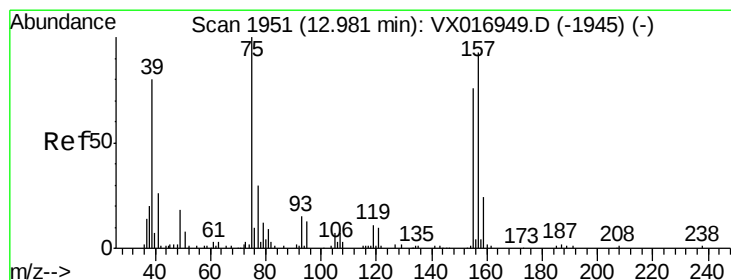
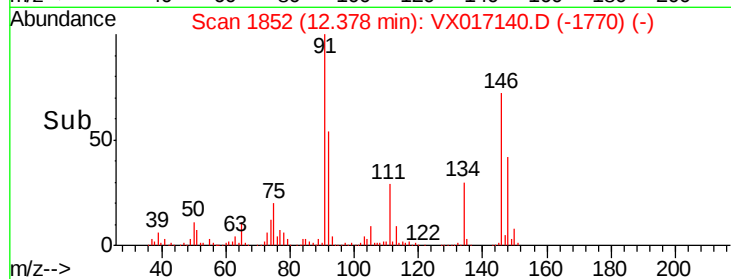
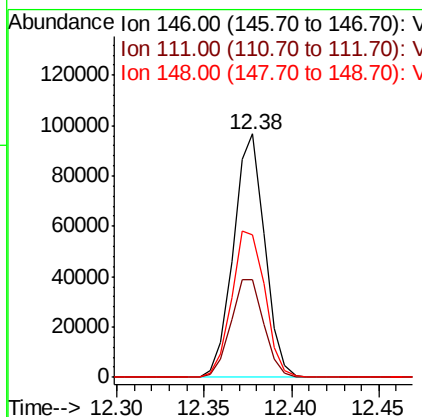
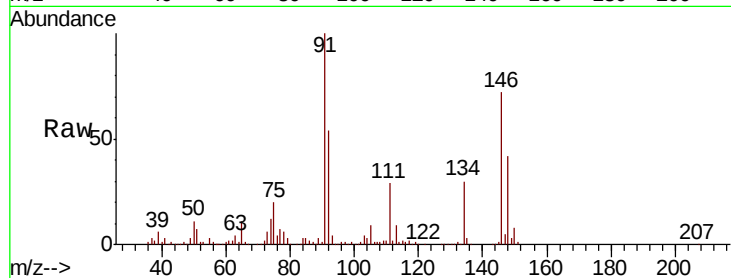




#87
 1,2-Dichlorobenzene
 Concen: 20.760 ug/l
 RT: 12.38 min Scan# 1852
 Delta R.T. -0.00 min
 Lab File: VX017140.D
 Acq: 02 Jul 2020 11:50

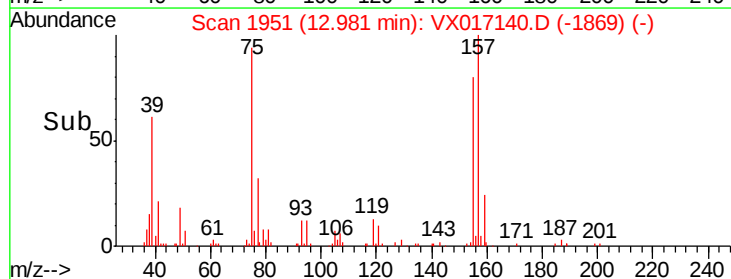
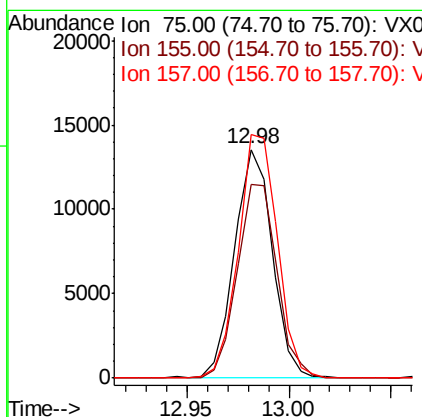
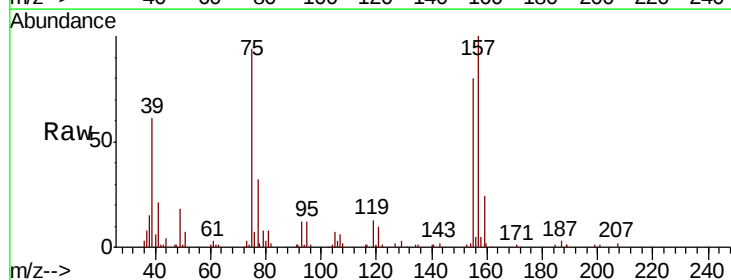
Instrument :
 MSVOA_X
 ClientSampleId :

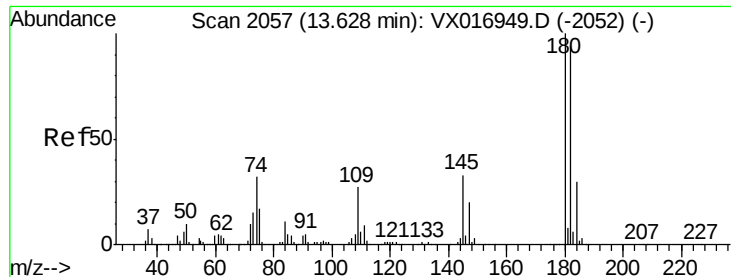
Tot Ion:146 Resp: 119970
 Ion Ratio Lower Upper
 146 100
 111 42.3 21.1 63.1
 148 64.1 32.1 96.3



#88
 1,2-Dibromo-3-Chloropropane
 Concen: 18.263 ug/l
 RT: 12.98 min Scan# 1951
 Delta R.T. -0.00 min
 Lab File: VX017140.D
 Acq: 02 Jul 2020 11:50

Tgt Ion: 75 Resp: 17420
 Ion Ratio Lower Upper
 75 100
 155 89.4 65.0 97.6
 157 110.1 83.0 124.4

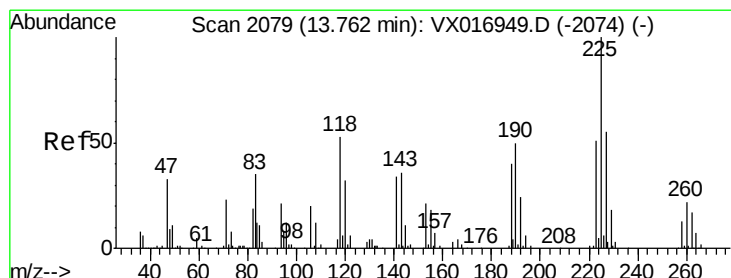
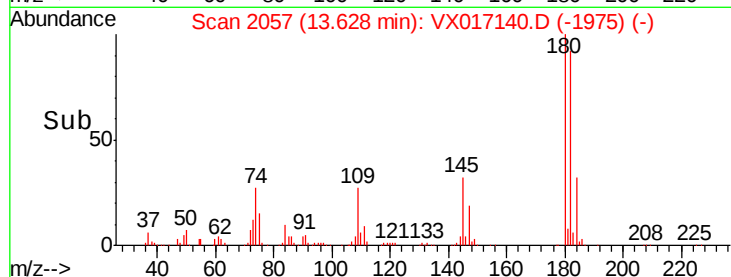
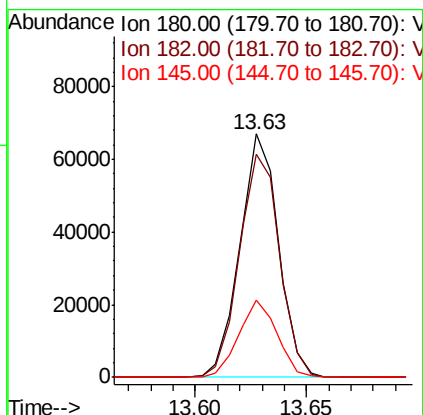
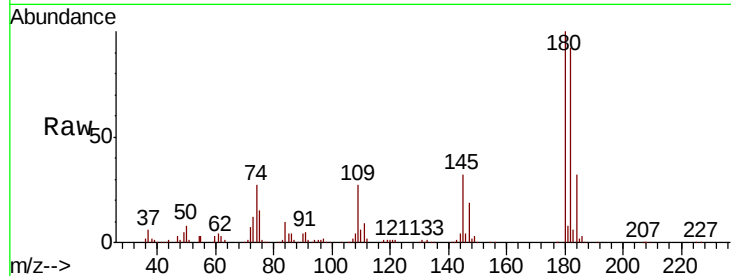




#89
 1,2,4-Trichlorobenzene
 Concen: 20.892 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. -0.00 min
 Lab File: VX017140.D
 Acq: 02 Jul 2020 11:50

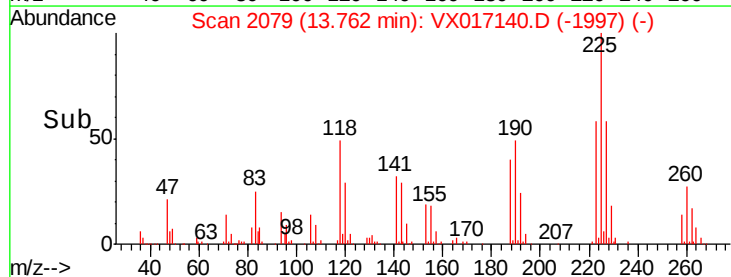
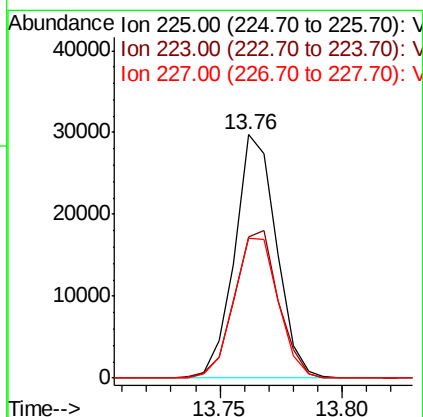
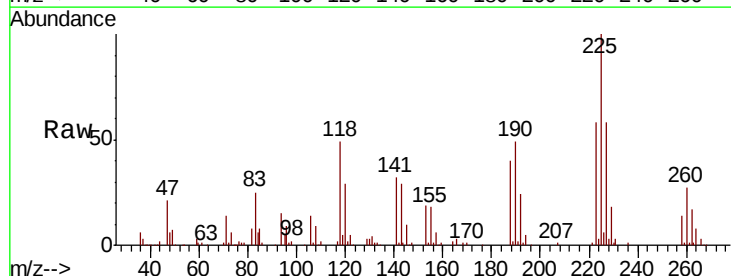
Instrument :
 MSVOA_X
 ClientSampleId :

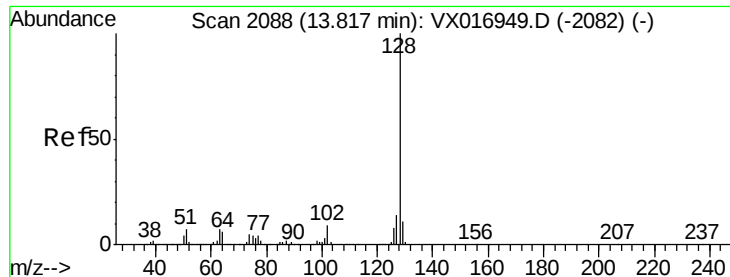
Tot Ion:180 Resp: 81454
 Ion Ratio Lower Upper
 180 100
 182 94.6 77.7 116.5
 145 31.3 26.2 39.2



#90
 Hexachlorobutadiene
 Concen: 23.758 ug/l
 RT: 13.76 min Scan# 2079
 Delta R.T. -0.00 min
 Lab File: VX017140.D
 Acq: 02 Jul 2020 11:50

Tgt Ion:225 Resp: 35236
 Ion Ratio Lower Upper
 225 100
 223 63.5 0.0 125.0
 227 61.6 0.0 124.0





#91

Naphthalene

Concen: 19.125 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. -0.00 min

Lab File: VX017140.D

Acq: 02 Jul 2020 11:50

Instrument :

MSVOA_X

ClientSampleId :

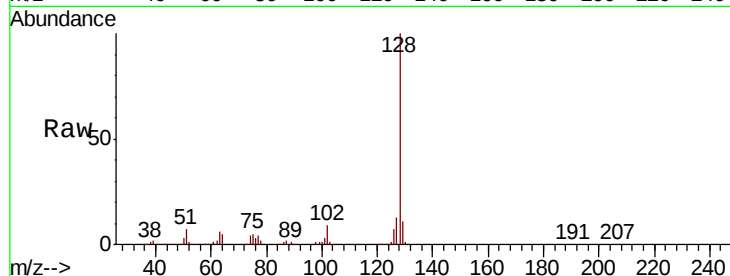
Tot Ion:128 Resp: 244408

Ion Ratio Lower Upper

128 100

127 12.8 10.5 15.7

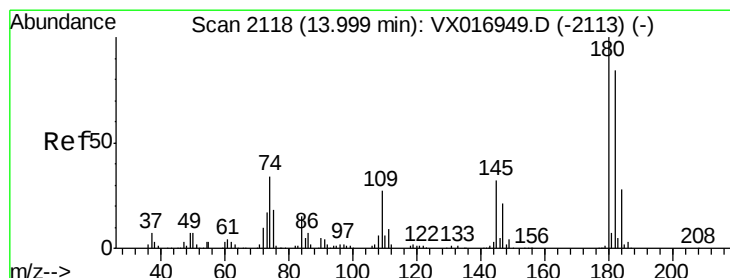
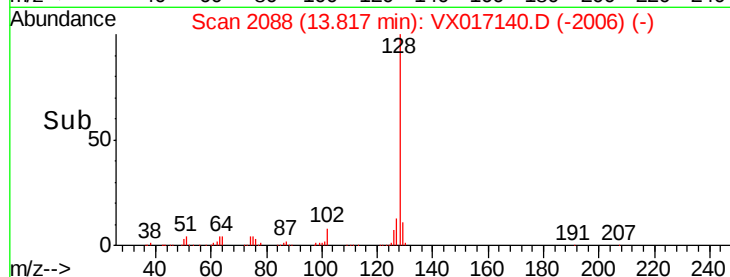
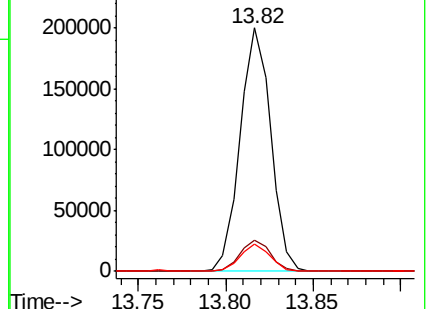
129 10.8 9.0 13.4



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



#92

1,2,3-Trichlorobenzene

Concen: 21.412 ug/l

RT: 14.01 min Scan# 2119

Delta R.T. 0.01 min

Lab File: VX017140.D

Acq: 02 Jul 2020 11:50

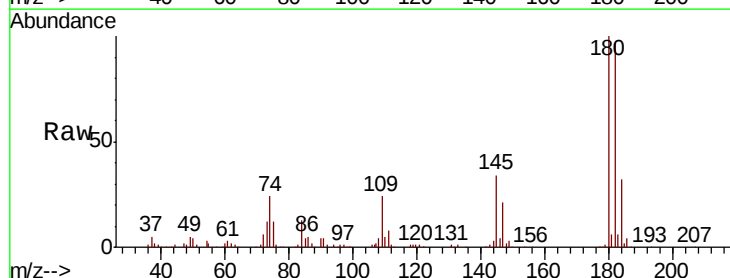
Tgt Ion:180 Resp: 81470

Ion Ratio Lower Upper

180 100

182 93.7 0.0 184.8

145 34.3 0.0 68.0



Abundance Ion 180.00 (179.70 to 180.70): V

Ion 182.00 (181.70 to 182.70): V

Ion 145.00 (144.70 to 145.70): V

