

Data File : VX017294.D
Acq On : 09 Jul 2020 06:14
Operator : JC/SP
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 53 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Quant Time: Jul 09 06:41:28 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X062920W.M
Quant Title : SW846 8260
QLast Update : Mon Jun 29 17:10:38 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	272689	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	421913	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	406819	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	233136	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	177075	52.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.34%	
35) Dibromofluoromethane	5.46	113	144059	53.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.96%	
50) Toluene-d8	8.70	98	513702	52.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.10%	
62) 4-Bromofluorobenzene	11.12	95	206838	53.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.22%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.18	85	127092	48.175	ug/l	98
3) Chloromethane	1.31	50	132694	41.554	ug/l	98
4) Vinyl Chloride	1.39	62	135594	45.766	ug/l	98
5) Bromomethane	1.62	94	74763	47.762	ug/l	100
6) Chloroethane	1.70	64	87405	49.951	ug/l	99
7) Trichlorofluoromethane	1.91	101	242577	55.360	ug/l	99
8) Diethyl Ether	2.17	74	82411	55.854	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.36	101	137736	52.446	ug/l	98
10) Methyl Iodide	2.49	142	139075	41.040	ug/l	99
11) Tert butyl alcohol	3.02	59	178899	278.957	ug/l	98
12) 1,1-Dichloroethene	2.36	96	133728	49.568	ug/l	99
13) Acrolein	2.28	56	112715	294.014	ug/l	99
14) Allyl chloride	2.70	41	235745	47.283	ug/l	99
15) Acrylonitrile	3.12	53	434725	281.979	ug/l	99
16) Acetone	2.42	43	366534	291.459	ug/l	99
17) Carbon Disulfide	2.55	76	351046	46.631	ug/l	99
18) Methyl Acetate	2.75	43	201536	61.389	ug/l	100
19) Methyl tert-butyl Ether	3.17	73	506437	55.931	ug/l	99
20) Methylene Chloride	2.84	84	161142	55.964	ug/l	99
21) trans-1,2-Dichloroethene	3.14	96	152010	50.772	ug/l	97
22) Diisopropyl ether	3.82	45	487735	52.853	ug/l	98
23) Vinyl Acetate	3.79	43	2161959	272.639	ug/l	99
24) 1,1-Dichloroethane	3.67	63	273897	52.164	ug/l	99
25) 2-Butanone	4.64	43	580263	276.914	ug/l	99
26) 2,2-Dichloropropane	4.55	77	162027	34.754	ug/l	97
27) cis-1,2-Dichloroethene	4.57	96	169453	49.952	ug/l	98
28) Bromochloromethane	4.98	49	119088	46.608	ug/l	97
29) Tetrahydrofuran	5.09	42	379116	273.826	ug/l	99
30) Chloroform	5.18	83	291851	54.222	ug/l	98
31) Cyclohexane	5.55	56	216572	47.718	ug/l	99
32) 1,1,1-Trichloroethane	5.46	97	266581	53.778	ug/l	99
36) 1,1-Dichloropropene	5.77	75	203044	50.919	ug/l	98
37) Ethyl Acetate	4.80	43	227094	56.130	ug/l	100
38) Carbon Tetrachloride	5.75	117	242232	55.153	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	215600	48.595	ug/l	98
40) Benzene	6.12	78	607256	51.830	ug/l	99
41) Methacrylonitrile	5.00	41	124152	54.522	ug/l	97
42) 1,2-Dichloroethane	6.16	62	239318	56.550	ug/l	100
43) Isopropyl Acetate	6.42	43	369252	54.923	ug/l	99
44) Trichloroethene	7.19	130	177888	55.053	ug/l	100
45) 1,2-Dichloropropane	7.49	63	158811	52.775	ug/l	100
46) Dibromomethane	7.64	93	113524	55.257	ug/l	96
47) Bromodichloromethane	7.88	83	235357	55.589	ug/l	99
48) Methyl methacrylate	7.74	41	184632	57.805	ug/l	98
49) 1,4-Dioxane	7.71	88	73293	1012.882	ug/l	97
51) 4-Methyl-2-Pentanone	8.62	43	1162819	290.155	ug/l	100
52) Toluene	8.77	92	393394	53.779	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	243166	52.055	ug/l	98
54) cis-1,3-Dichloropropene	8.41	75	256831	51.288	ug/l	97
55) 1,1,2-Trichloroethane	9.20	97	169056	56.566	ug/l	98
56) Ethyl methacrylate	9.16	69	250830	58.965	ug/l	100
57) 1,3-Dichloropropane	9.35	76	272742	53.932	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	583546	275.634	ug/l	99
59) 2-Hexanone	9.48	43	892292	304.862	ug/l	100
60) Dibromochloromethane	9.57	129	201539	58.060	ug/l	99
61) 1,2-Dibromoethane	9.65	107	179961	56.019	ug/l	100
64) Tetrachloroethene	9.32	164	170130	51.817	ug/l	97
65) Chlorobenzene	10.12	112	433190	51.592	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.21	131	178694	55.222	ug/l	99
67) Ethyl Benzene	10.23	91	754788	53.828	ug/l	100
68) m/p-Xylenes	10.34	106	588238	109.255	ug/l	99
69) o-Xylene	10.68	106	279316	54.534	ug/l	99
70) Styrene	10.70	104	495924	56.859	ug/l	99
71) Bromoform	10.84	173	158638	61.822	ug/l	99
73) Isopropylbenzene	11.00	105	758986	49.702	ug/l	100
74) N-amyl acetate	10.88	43	334481	51.333	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.25	83	247692	51.565	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	297638	64.923	ug/l	85
77) Bromobenzene	11.24	156	210674	50.197	ug/l	95
78) n-propylbenzene	11.34	91	858674	49.725	ug/l	99
79) 2-Chlorotoluene	11.40	91	530034	50.715	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	652811	51.538	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.06	75	78344	44.254	ug/l	95
82) 4-Chlorotoluene	11.49	91	625822	50.091	ug/l	100
83) tert-Butylbenzene	11.76	119	639798	51.455	ug/l	100
84) 1,2,4-Trimethylbenzene	11.79	105	669005	52.061	ug/l	100
85) sec-Butylbenzene	11.93	105	744356	50.927	ug/l	99
86) p-Isopropyltoluene	12.05	119	706858	51.950	ug/l	100
87) 1,3-Dichlorobenzene	12.01	146	377420	49.514	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	386994	53.851	ug/l	99
89) n-Butylbenzene	12.37	91	575912	47.403	ug/l	99
90) Hexachloroethane	12.58	117	137364	51.194	ug/l	97
91) 1,2-Dichlorobenzene	12.38	146	363042	50.953	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.98	75	60188	52.525	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX070820\
Quantitation Report (Not Reviewed)

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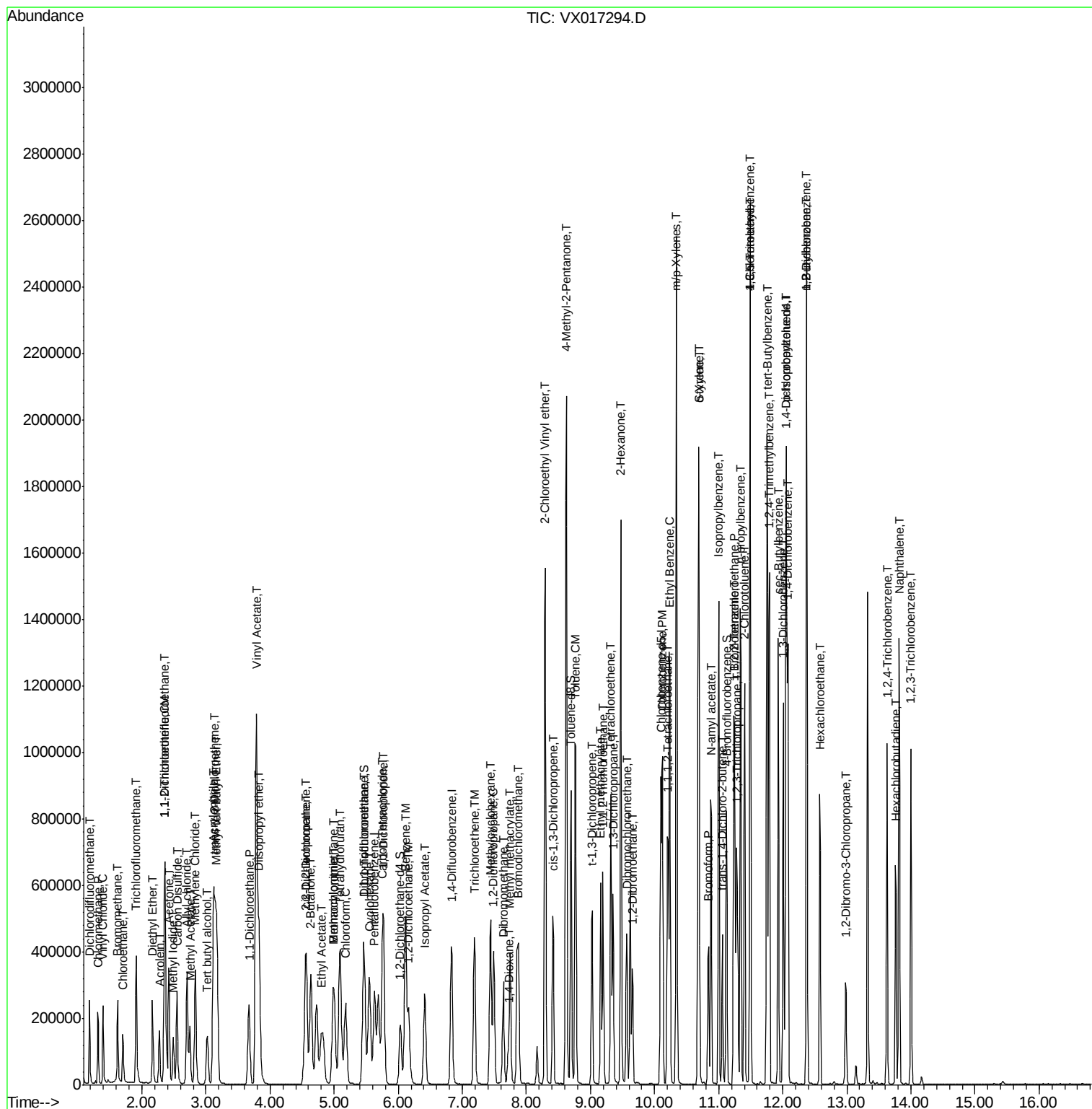
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	242164	49.795	ug/l	100
94) Hexachlorobutadiene	13.77	225	94651	51.261	ug/l	96
95) Naphthalene	13.82	128	792726	53.617	ug/l	100
96) 1,2,3-Trichlorobenzene	14.00	180	246397	52.354	ug/l	98

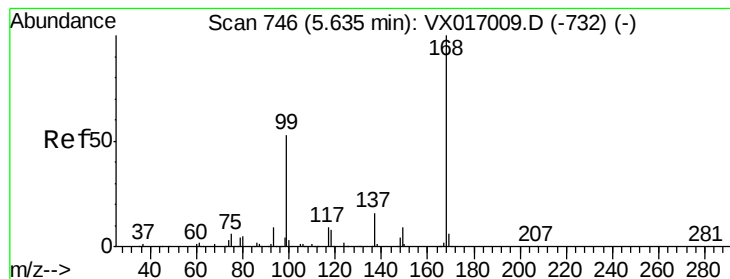
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.01 min

Lab File: VX017294.D

Acq: 09 Jul 2020 06:14

Instrument :

MSVOA_X

ClientSampleId :

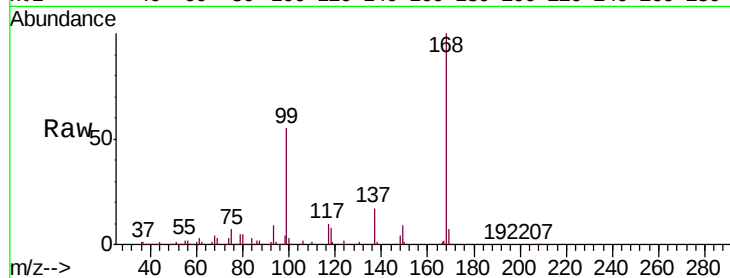
VSTDCCC050EC

Tgt Ion:168 Resp: 272689

Ion Ratio Lower Upper

168 100

99 55.2 42.6 64.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.63

100000

80000

60000

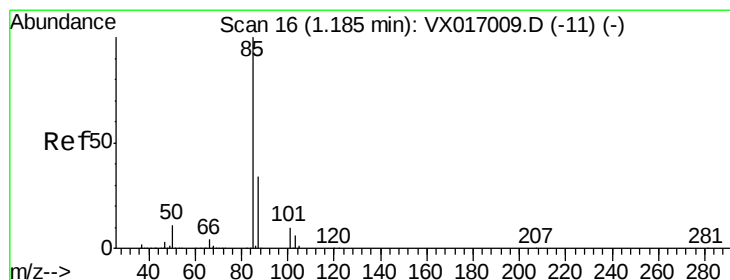
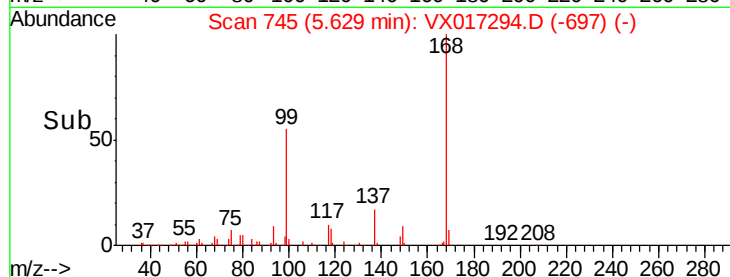
40000

20000

0

Time-->

5.50 5.60 5.70



#2

Dichlorodifluoromethane

Concen: 48.175 ug/l

RT: 1.18 min Scan# 16

Delta R.T. -0.00 min

Lab File: VX017294.D

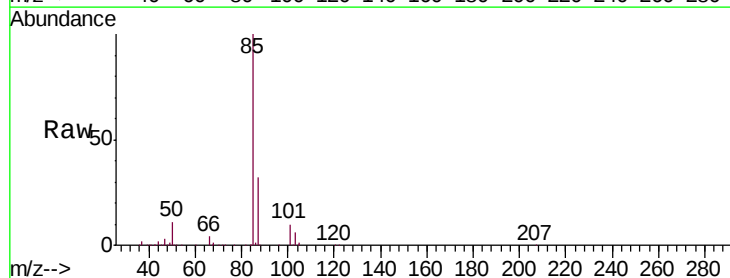
Acq: 09 Jul 2020 06:14

Tgt Ion: 85 Resp: 127092

Ion Ratio Lower Upper

85 100

87 32.2 16.8 50.4



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.18

150000

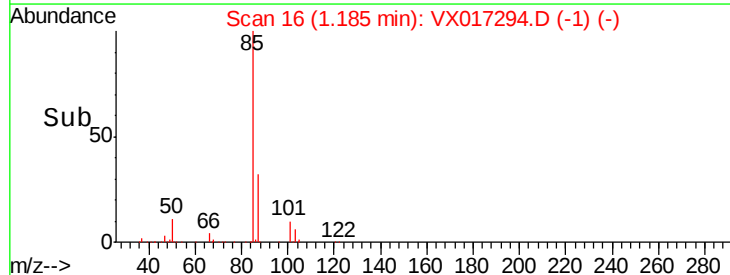
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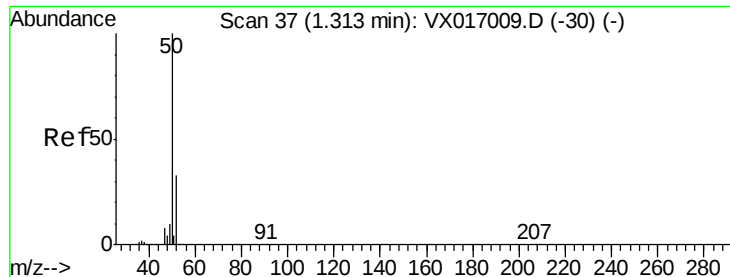
50000

0

Time-->

1.10 1.15 1.20 1.25 1.30





#3

Chloromethane

Concen: 41.554 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX017294.D

Acq: 09 Jul 2020 06:14

Instrument :

MSVOA_X

ClientSampleId :

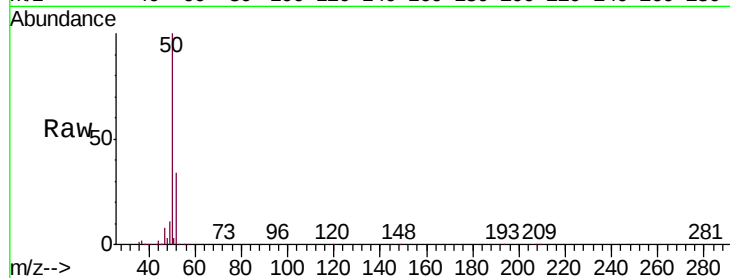
VSTDCCC050EC

Tgt Ion: 50 Resp: 132694

Ion Ratio Lower Upper

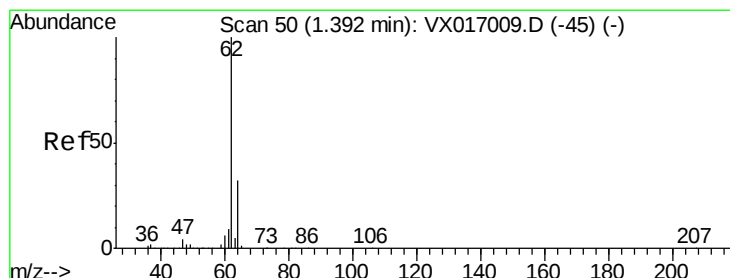
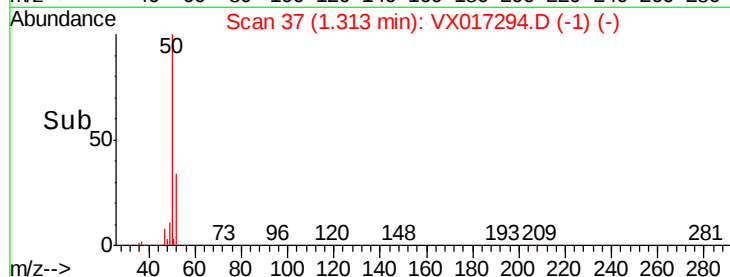
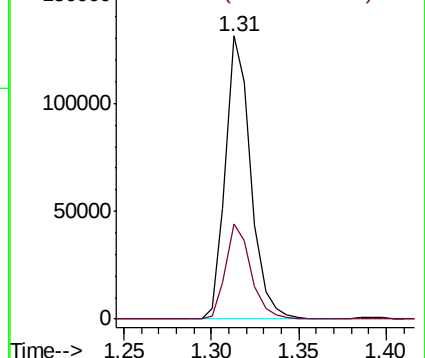
50 100

52 33.7 26.1 39.1



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 45.766 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX017294.D

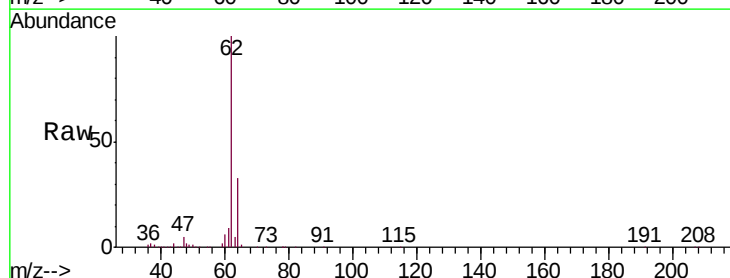
Acq: 09 Jul 2020 06:14

Tgt Ion: 62 Resp: 135594

Ion Ratio Lower Upper

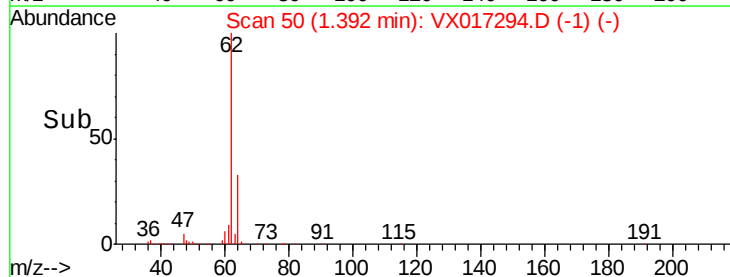
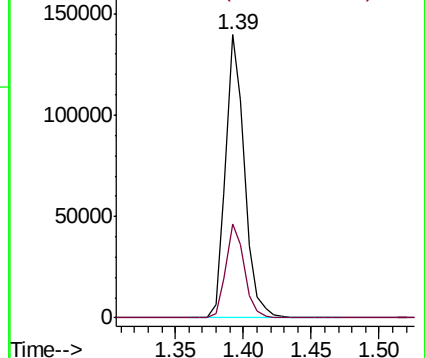
62 100

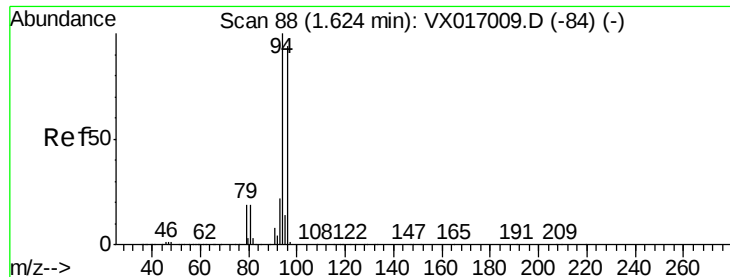
64 33.3 25.9 38.9



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 47.762 ug/l

RT: 1.62 min Scan# 88

Delta R.T. 0.00 min

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ClientSampleId :

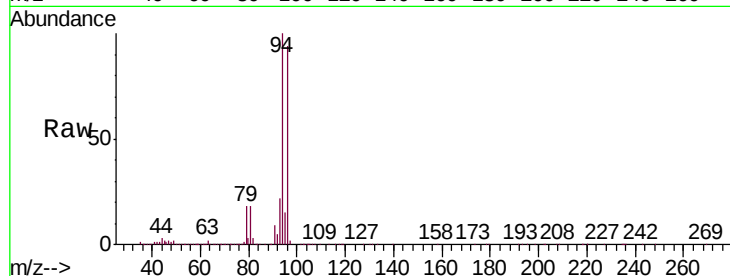
VSTDCCC050EC

Tgt Ion: 94 Resp: 74763

Ion Ratio Lower Upper

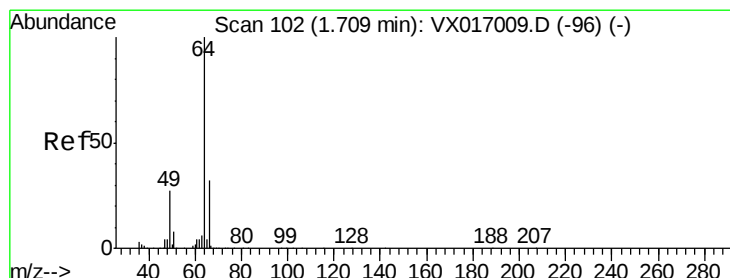
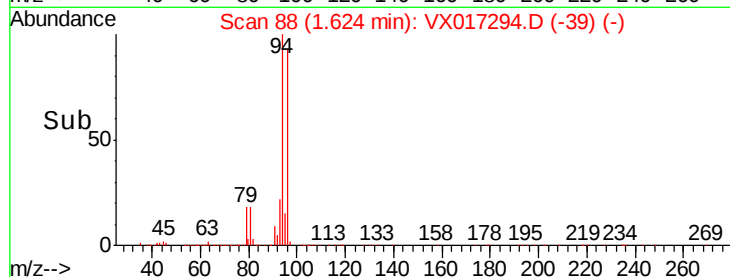
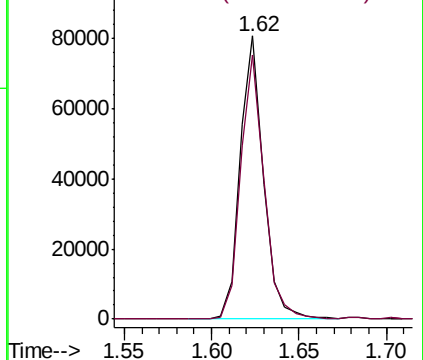
94 100

96 93.4 75.0 112.4



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 49.951 ug/l

RT: 1.70 min Scan# 101

Delta R.T. -0.01 min

Lab File: VX017294.D

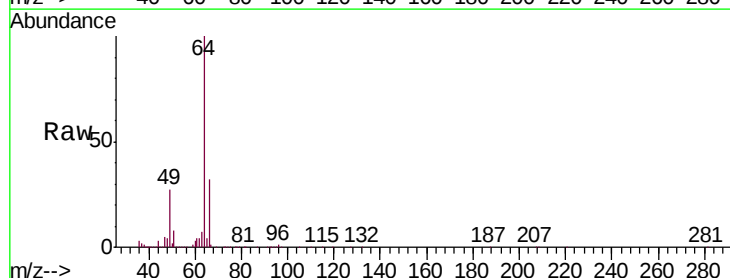
Acq: 09 Jul 2020 06:14

Tgt Ion: 64 Resp: 87405

Ion Ratio Lower Upper

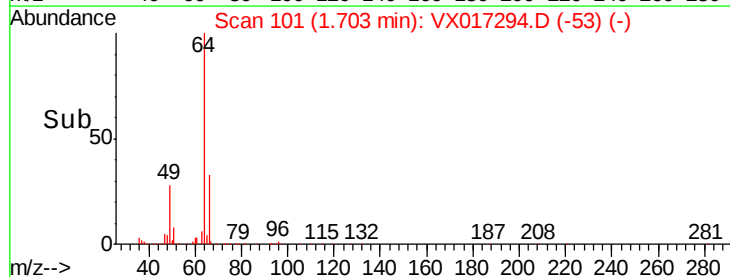
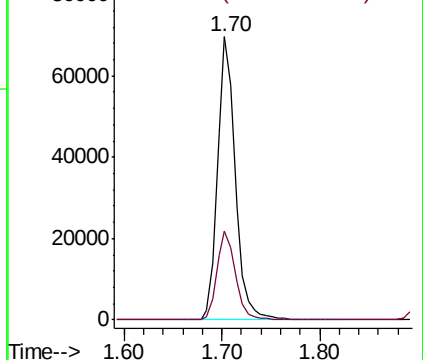
64 100

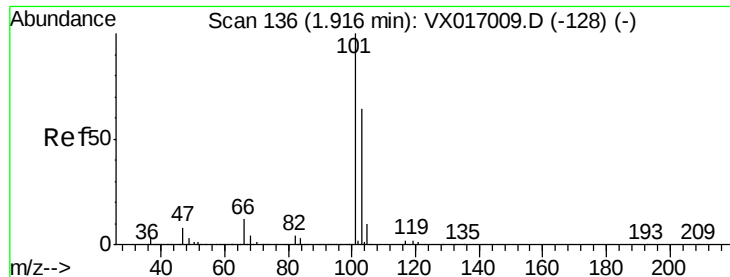
66 31.5 25.5 38.3



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



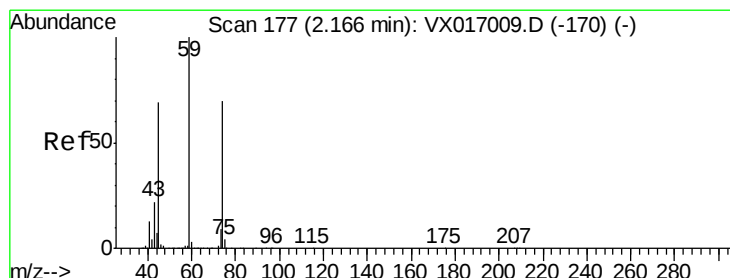
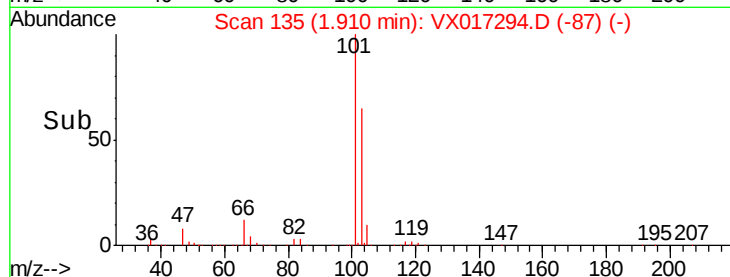
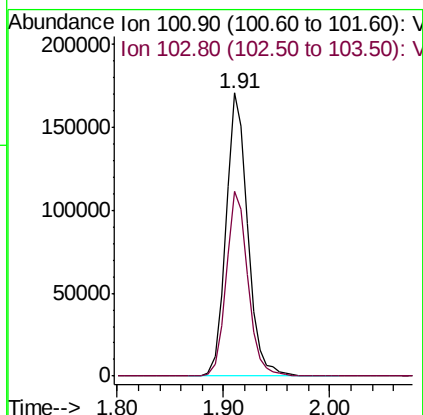
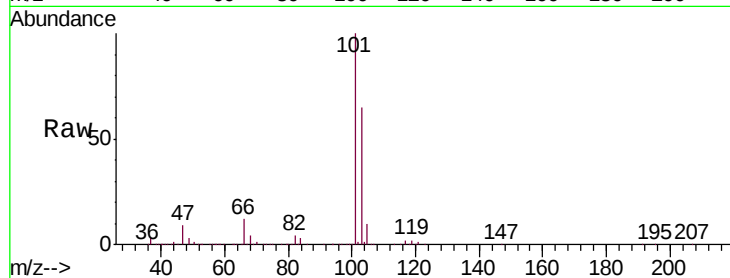


#7

Trichlorofluoromethane
Concen: 55.360 ug/l
RT: 1.91 min Scan# 135
Delta R.T. -0.01 min
Lab File: VX017294.D
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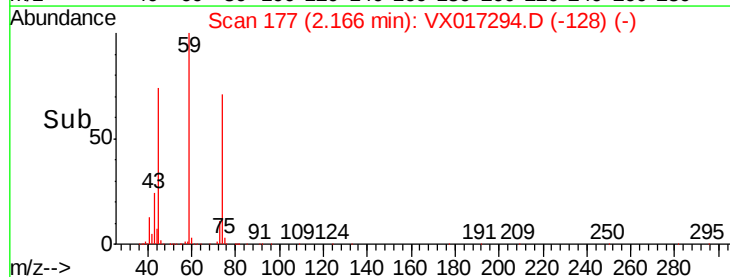
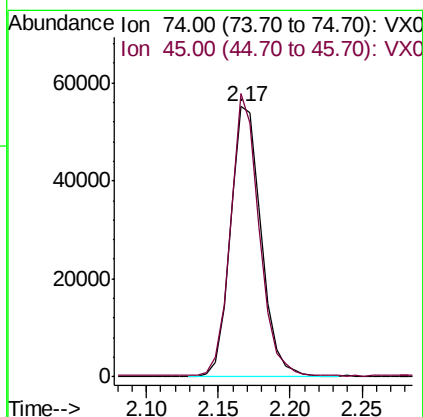
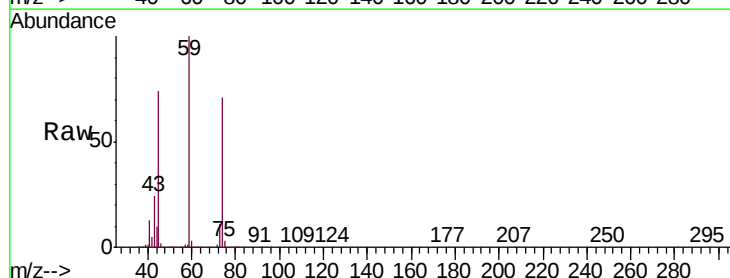
Tgt Ion:101 Resp: 242577
Ion Ratio Lower Upper
101 100
103 65.0 51.5 77.3

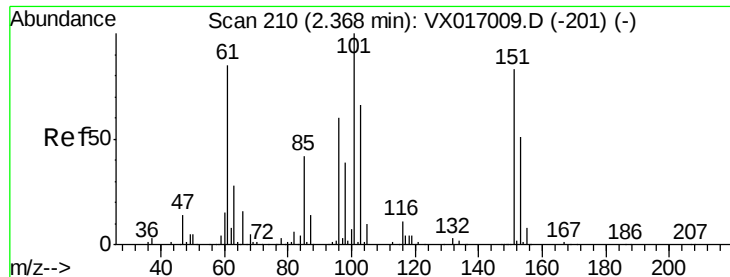


#8

Diethyl Ether
Concen: 55.854 ug/l
RT: 2.17 min Scan# 177
Delta R.T. 0.00 min
Lab File: VX017294.D
Acq: 09 Jul 2020 06:14

Tgt Ion: 74 Resp: 82411
Ion Ratio Lower Upper
74 100
45 97.9 49.8 149.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 52.446 ug/l

RT: 2.36 min Scan# 209

Delta R.T. -0.01 min

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VSTDCCC050EC

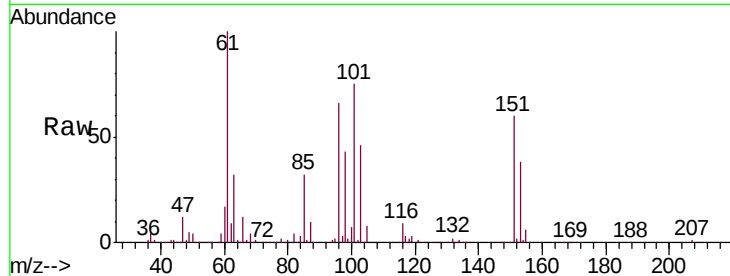
Tgt Ion:101 Resp: 137736

Ion Ratio Lower Upper

101 100

85 42.8 33.5 50.3

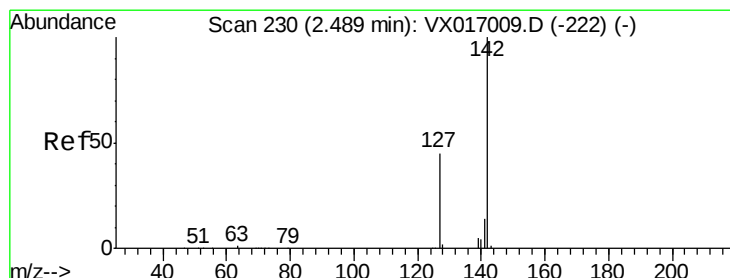
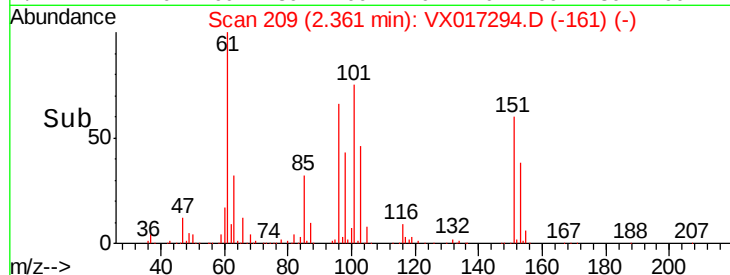
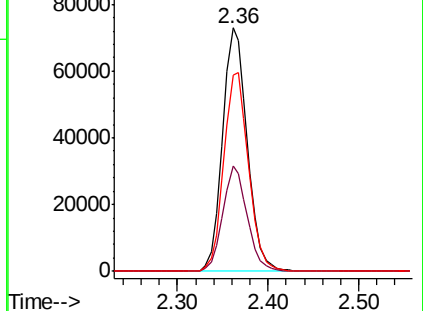
151 82.1 63.8 95.6



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 41.040 ug/l

RT: 2.49 min Scan# 230

Delta R.T. -0.00 min

Lab File: VX017294.D

Acq: 09 Jul 2020 06:14

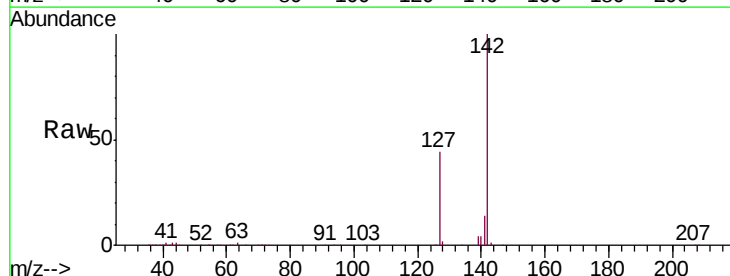
Tgt Ion:142 Resp: 139075

Ion Ratio Lower Upper

142 100

127 45.0 36.6 54.8

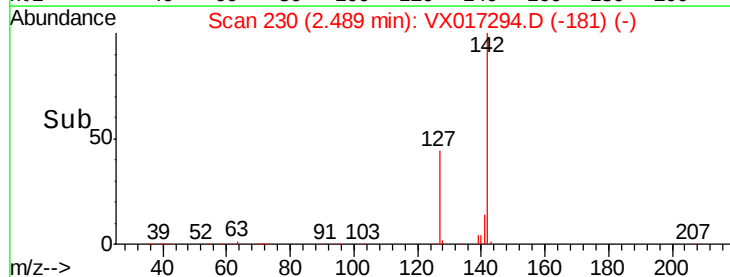
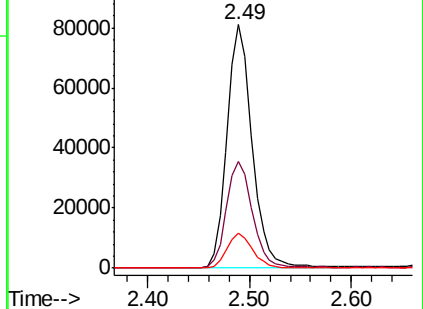
141 14.5 11.6 17.4

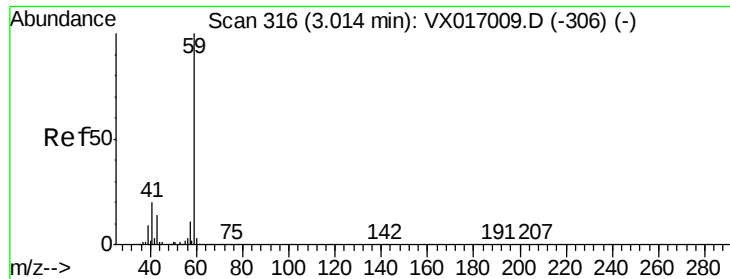


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

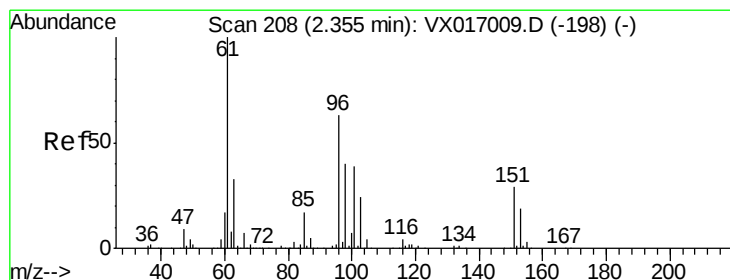
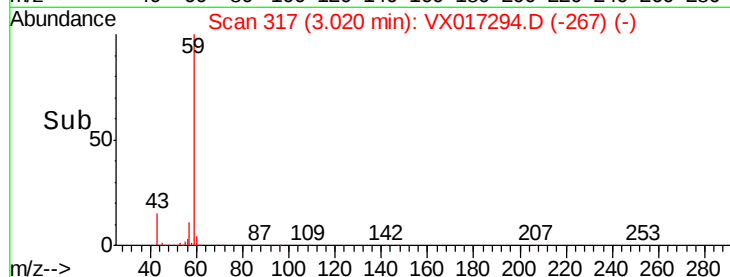
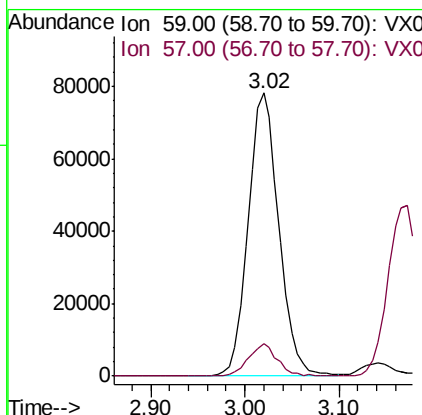
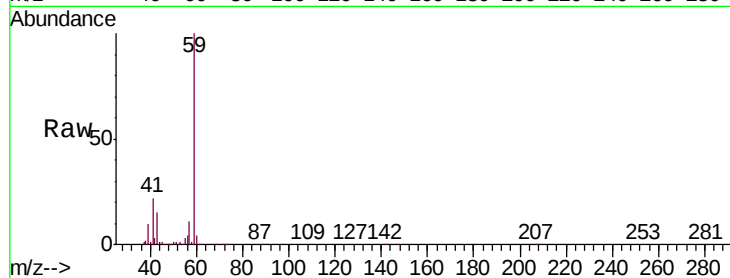




#11
Tert butyl alcohol
Concen: 278.957 ug/l
RT: 3.02 min Scan# 317
Delta R.T. 0.01 min
Lab File: VX017294.D
Acq: 09 Jul 2020 06:14

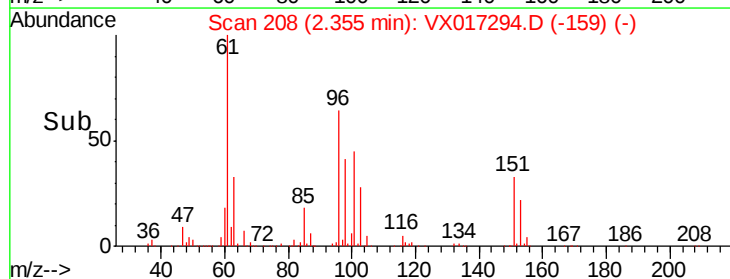
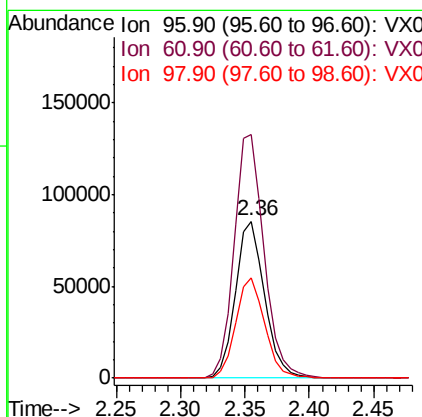
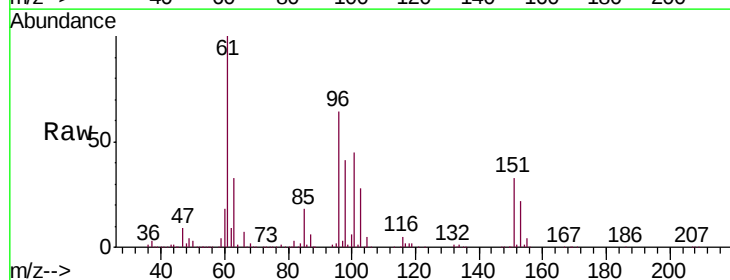
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

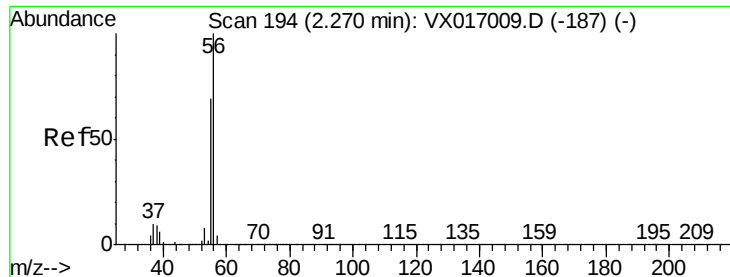
Tgt Ion: 59 Resp: 178899
Ion Ratio Lower Upper
59 100
57 10.8 8.2 12.2



#12
1,1-Dichloroethene
Concen: 49.568 ug/l
RT: 2.36 min Scan# 208
Delta R.T. -0.00 min
Lab File: VX017294.D
Acq: 09 Jul 2020 06:14

Tgt Ion: 96 Resp: 133728
Ion Ratio Lower Upper
96 100
61 155.3 126.3 189.5
98 63.9 51.0 76.6





#13

Acrolein

Concen: 294.014 ug/l

RT: 2.28 min Scan# 195

Delta R.T. 0.01 min

Lab File: VX017294.D

Acq: 09 Jul 2020 06:14

Instrument :

MSVOA_X

ClientSampleId :

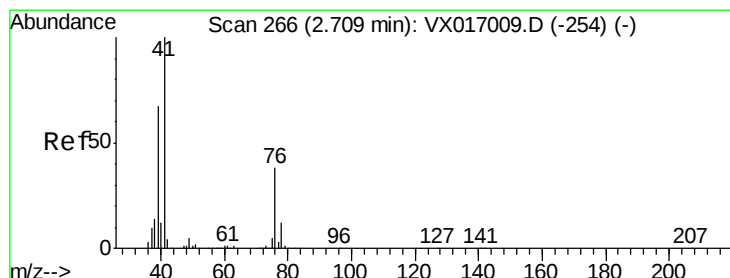
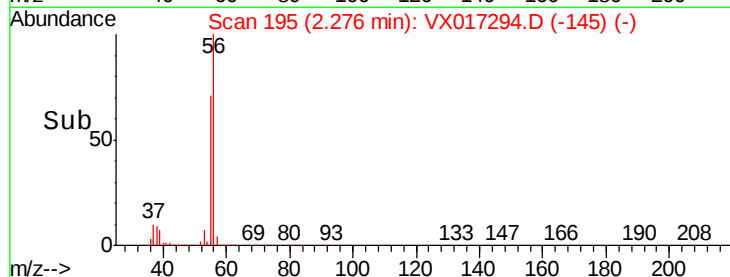
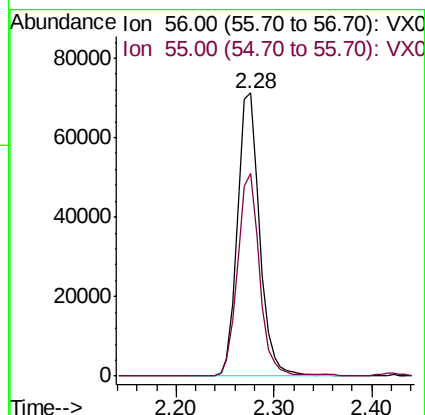
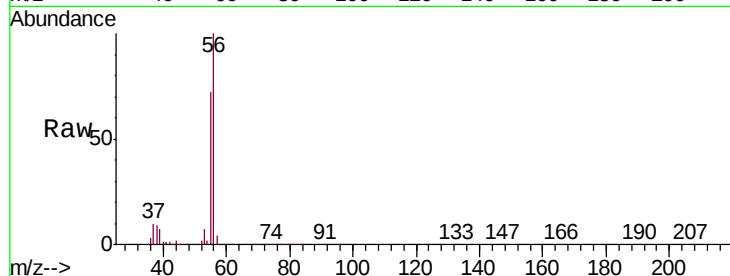
VSTDCCC050EC

Tgt Ion: 56 Resp: 112715

Ion Ratio Lower Upper

56 100

55 70.7 55.7 83.5



#14

Allyl chloride

Concen: 47.283 ug/l

RT: 2.70 min Scan# 265

Delta R.T. -0.01 min

Lab File: VX017294.D

Acq: 09 Jul 2020 06:14

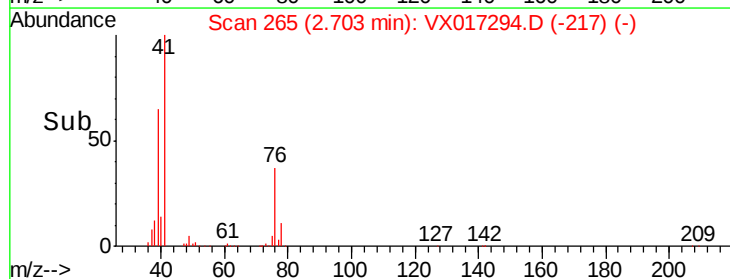
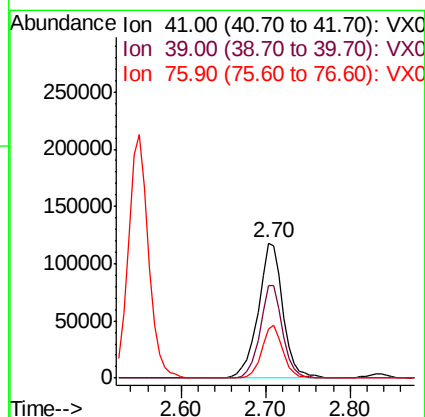
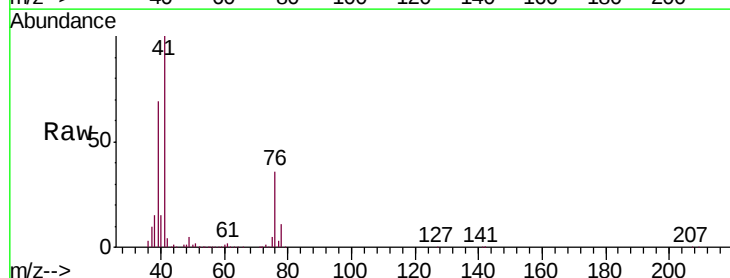
Tgt Ion: 41 Resp: 235745

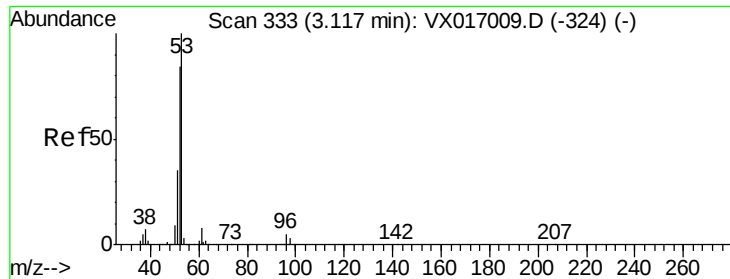
Ion Ratio Lower Upper

41 100

39 63.0 49.4 74.2

76 33.5 26.8 40.2

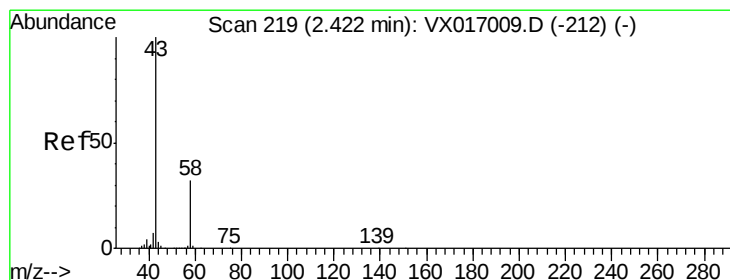
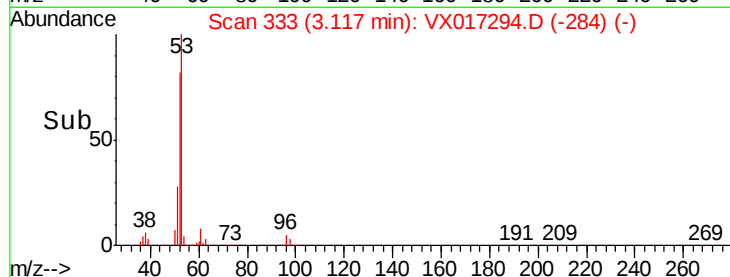
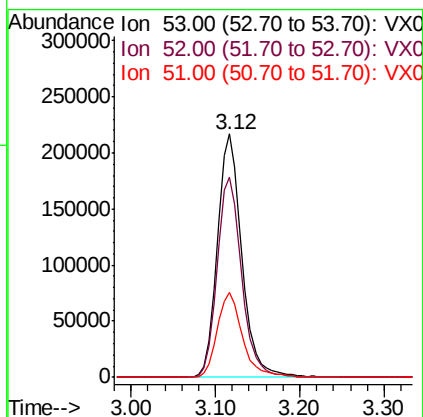
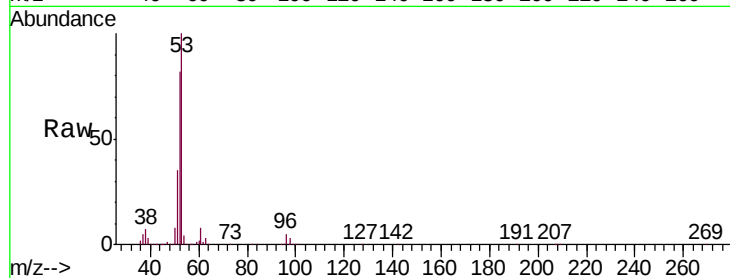




#15
 Acrylonitrile
 Concen: 281.979 ug/l
 RT: 3.12 min Scan# 333
 Delta R.T. -0.00 min
 Lab File: VX017294.D
 Acq: 09 Jul 2020 06:14

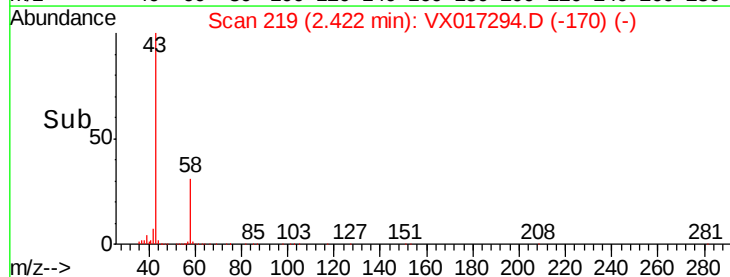
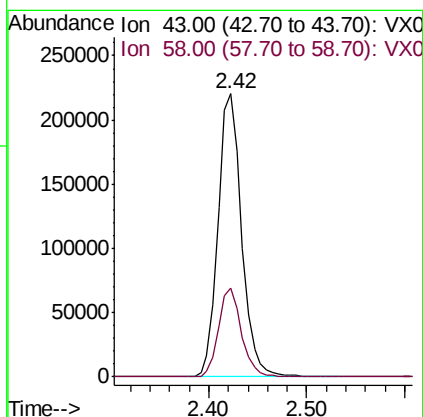
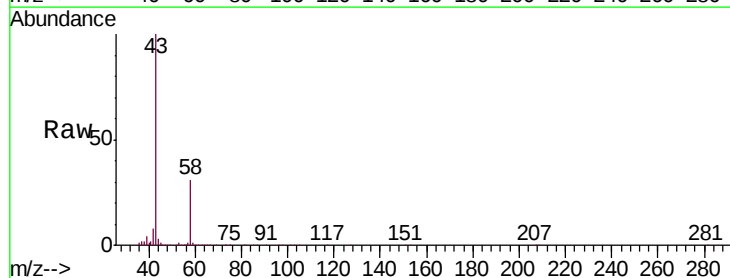
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

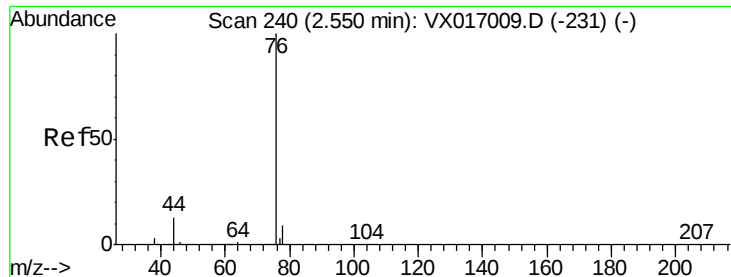
Tgt Ion: 53 Resp: 434725
 Ion Ratio Lower Upper
 53 100
 52 82.4 65.6 98.4
 51 36.1 28.3 42.5



#16
 Acetone
 Concen: 291.459 ug/l
 RT: 2.42 min Scan# 219
 Delta R.T. -0.00 min
 Lab File: VX017294.D
 Acq: 09 Jul 2020 06:14

Tgt Ion: 43 Resp: 366534
 Ion Ratio Lower Upper
 43 100
 58 31.4 25.7 38.5

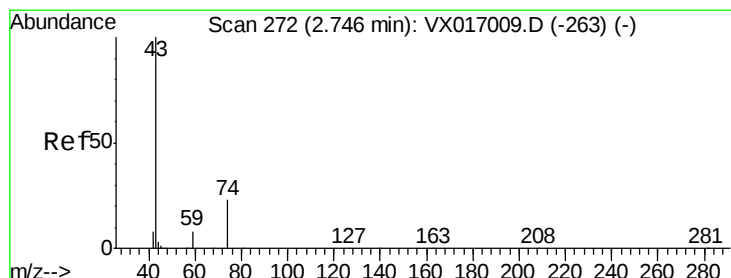
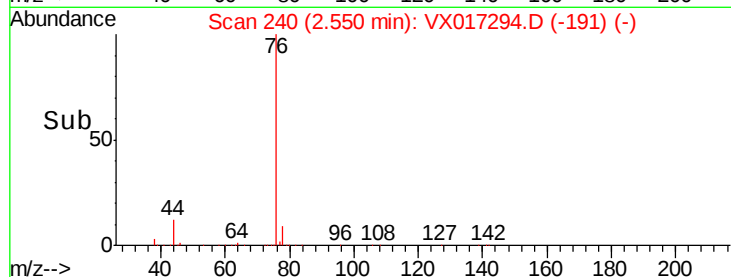
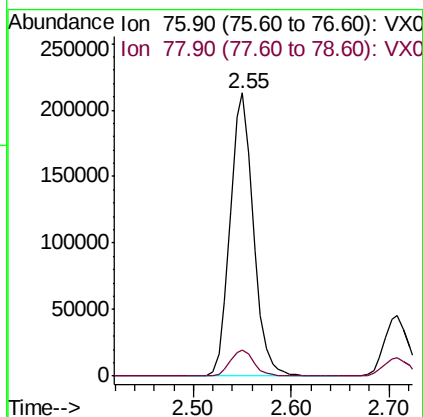
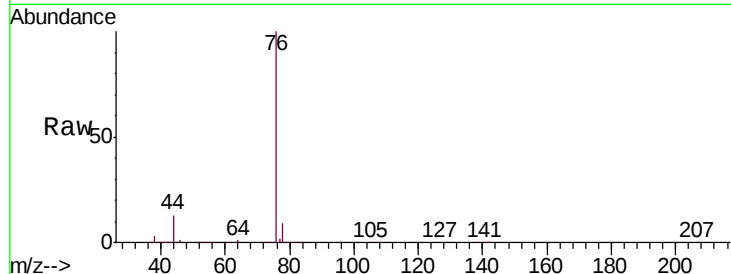




#17
Carbon Disulfide
Concen: 46.631 ug/l
RT: 2.55 min Scan# 240
Delta R.T. 0.00 min
Lab File: VX017294.D
Acq: 09 Jul 2020 06:14

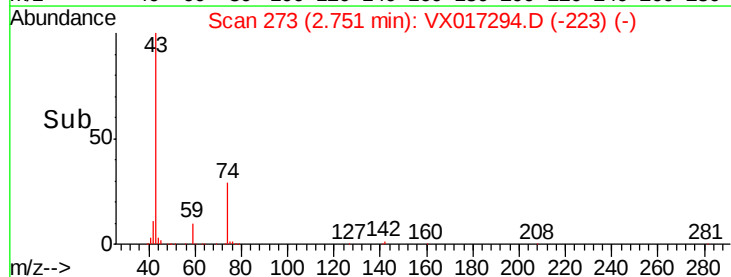
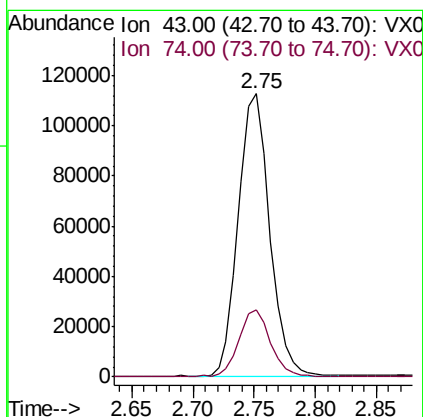
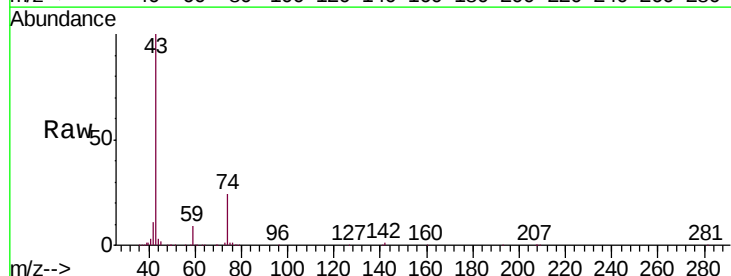
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

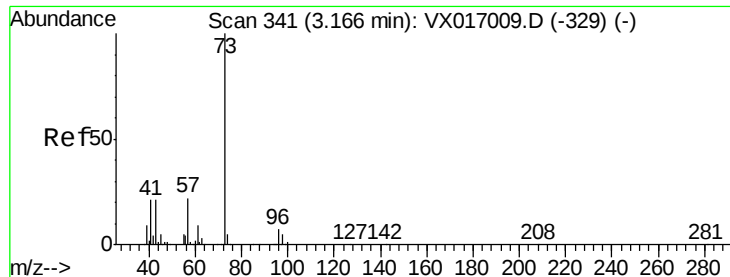
Tgt Ion: 76 Resp: 351046
Ion Ratio Lower Upper
76 100
78 9.4 7.2 10.8



#18
Methyl Acetate
Concen: 61.389 ug/l
RT: 2.75 min Scan# 273
Delta R.T. 0.01 min
Lab File: VX017294.D
Acq: 09 Jul 2020 06:14

Tgt Ion: 43 Resp: 201536
Ion Ratio Lower Upper
43 100
74 24.2 19.3 28.9





#19

Methyl tert-butyl Ether

Concen: 55.931 ug/l

RT: 3.17 min Scan# 341

Delta R.T. -0.00 min

Lab File: VX017294.D

Acq: 09 Jul 2020 06:14

Instrument :

MSVOA_X

ClientSampleId :

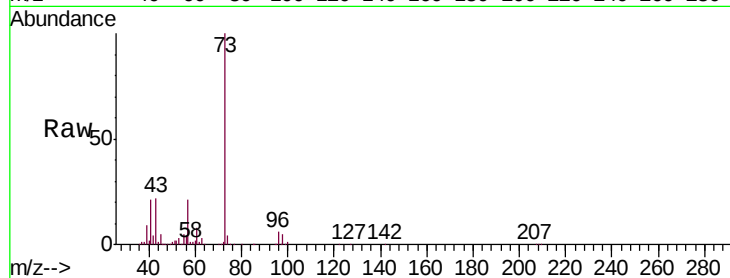
VSTDCCC050EC

Tgt Ion: 73 Resp: 506437

Ion Ratio Lower Upper

73 100

57 21.4 17.6 26.4



Abundance Ion 73.00 (72.70 to 73.70): VX0

Ion 57.00 (56.70 to 57.70): VX0

250000

200000

150000

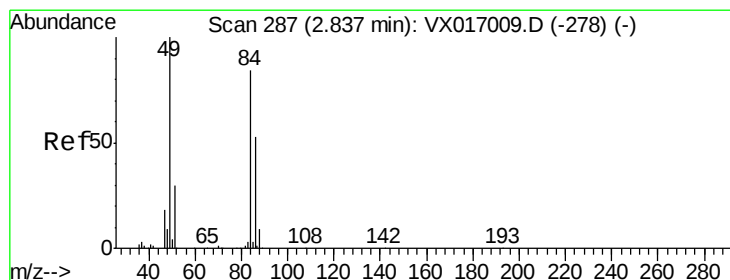
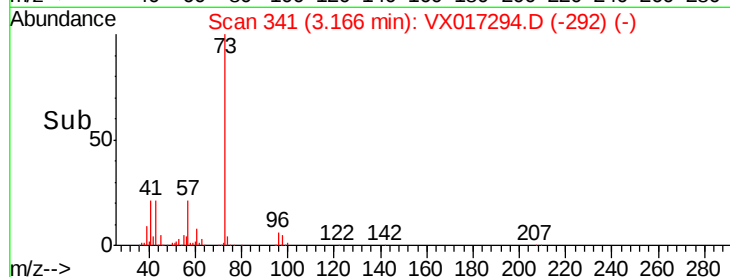
100000

50000

0

3.10 3.20 3.30

Time-->



#20

Methylene Chloride

Concen: 55.964 ug/l

RT: 2.84 min Scan# 287

Delta R.T. 0.00 min

Lab File: VX017294.D

Acq: 09 Jul 2020 06:14

Tgt Ion: 84 Resp: 161142

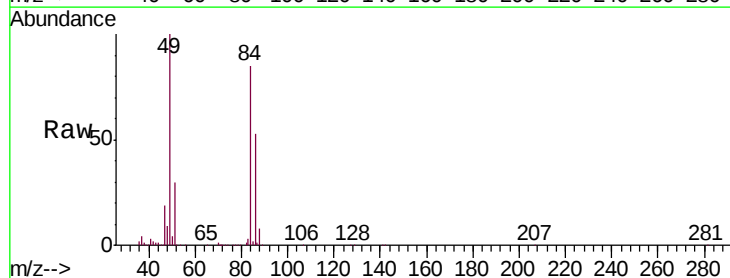
Ion Ratio Lower Upper

84 100

49 117.8 94.7 142.1

51 35.8 28.6 42.8

86 62.2 50.5 75.7



Abundance Ion 83.90 (83.60 to 84.60): VX0

Ion 48.90 (48.60 to 49.60): VX0

Ion 50.90 (50.60 to 51.60): VX0

Ion 85.90 (85.60 to 86.60): VX0

150000

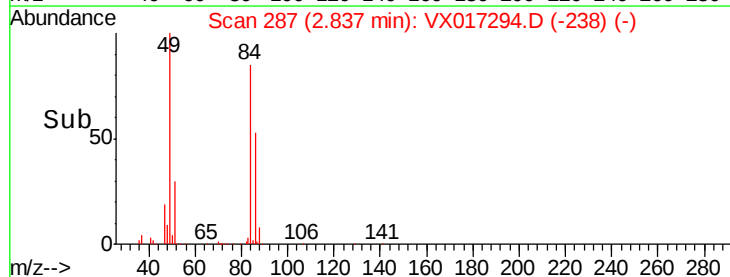
100000

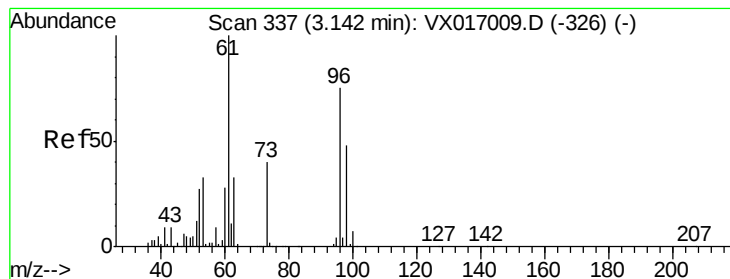
50000

0

2.70 2.80 2.90 3.00

Time-->





#21

trans-1,2-Dichloroethene

Concen: 50.772 ug/l

RT: 3.14 min Scan# 337

Delta R.T. -0.00 min

Lab File: VX017294.D

Acq: 09 Jul 2020 06:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

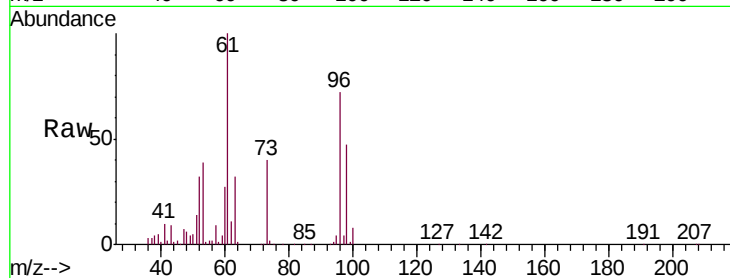
Tgt Ion: 96 Resp: 152010

Ion Ratio Lower Upper

96 100

61 138.7 107.0 160.6

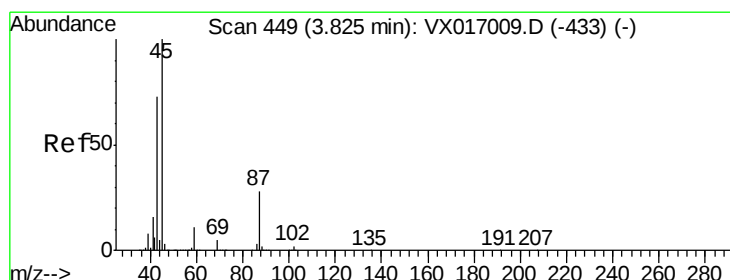
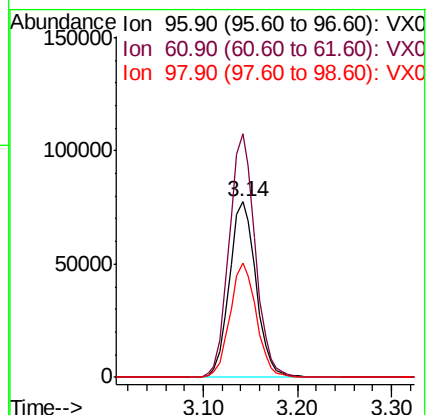
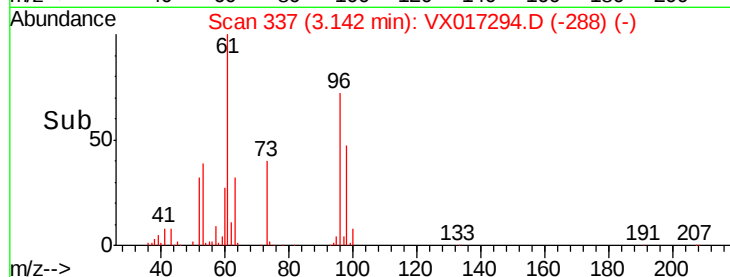
98 65.2 51.6 77.4



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 52.853 ug/l

RT: 3.82 min Scan# 449

Delta R.T. -0.00 min

Lab File: VX017294.D

Acq: 09 Jul 2020 06:14

Tgt Ion: 45 Resp: 487735

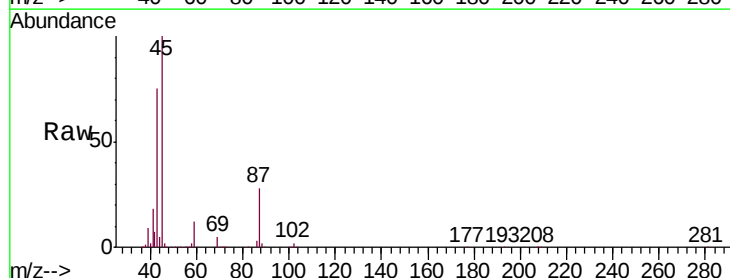
Ion Ratio Lower Upper

45 100

43 75.0 58.6 88.0

87 28.4 22.6 34.0

59 11.5 8.7 13.1

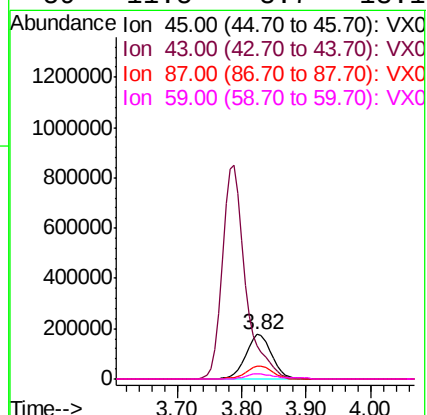
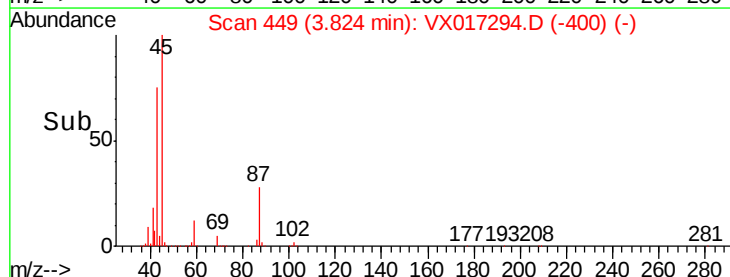


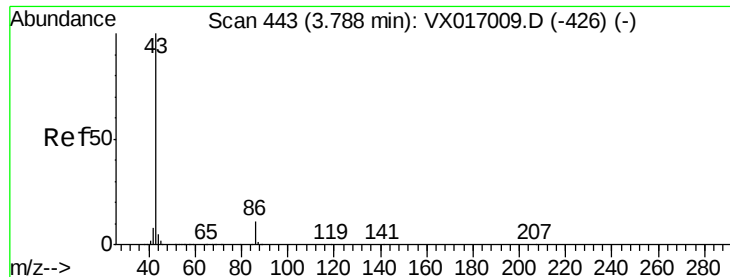
Abundance Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 272.639 ug/l

RT: 3.79 min Scan# 443

Delta R.T. -0.00 min

Lab File: VX017294.D

Acq: 09 Jul 2020 06:14

Instrument :

MSVOA_X

ClientSampleId :

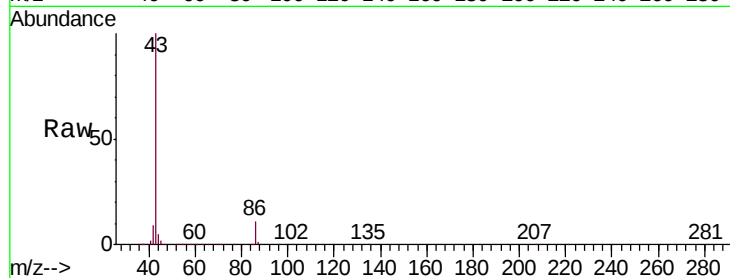
VSTDCCC050EC

Tgt Ion: 43 Resp: 2161959

Ion Ratio Lower Upper

43 100

86 11.1 8.6 13.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

3.79

800000

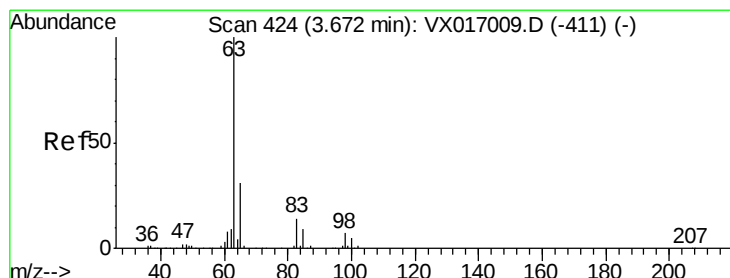
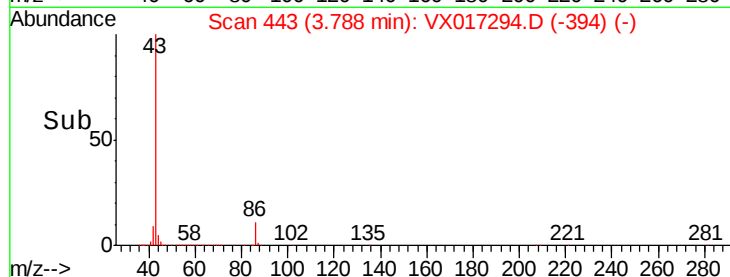
600000

400000

200000

0

Time-->



#24

1,1-Dichloroethane

Concen: 52.164 ug/l

RT: 3.67 min Scan# 424

Delta R.T. -0.00 min

Lab File: VX017294.D

Acq: 09 Jul 2020 06:14

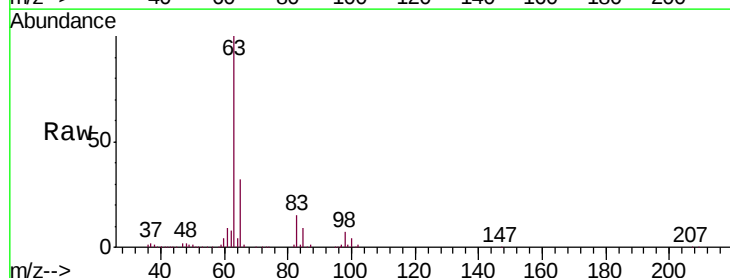
Tgt Ion: 63 Resp: 273897

Ion Ratio Lower Upper

63 100

98 7.4 3.6 10.8

100 4.4 2.4 7.1



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0

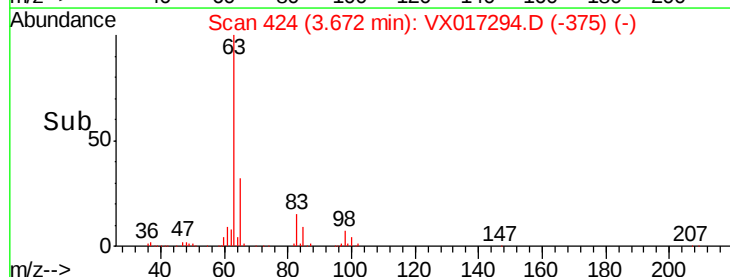
150000

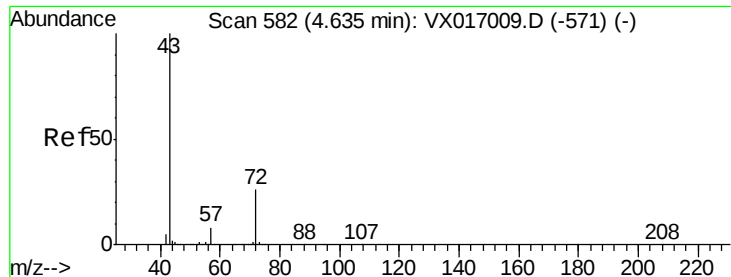
100000

50000

0

Time-->

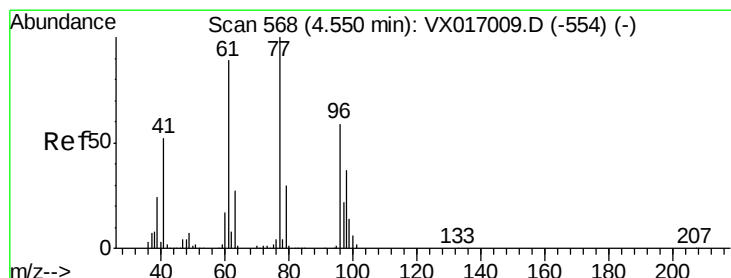
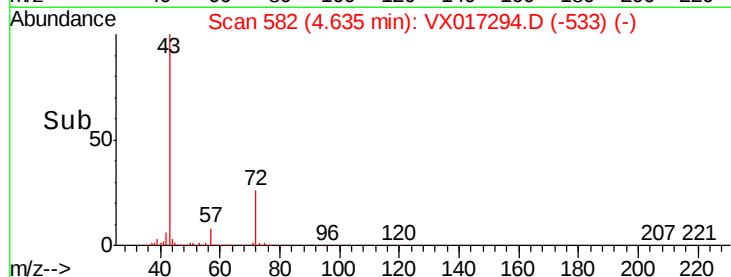
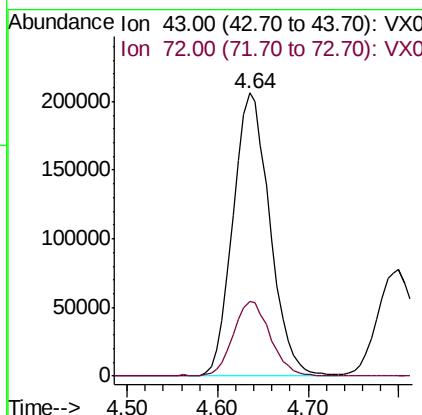
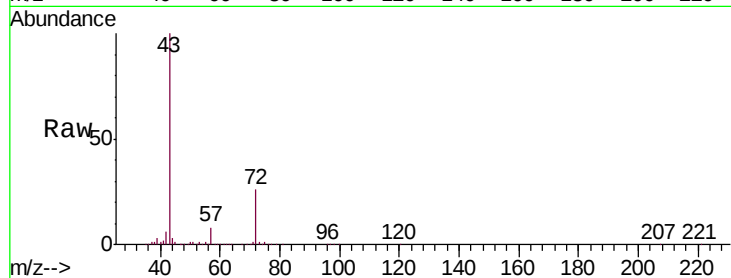




#25
 2-Butanone
 Concen: 276.914 ug/l
 RT: 4.64 min Scan# 582
 Delta R.T. -0.00 min
 Lab File: VX017294.D
 Acq: 09 Jul 2020 06:14

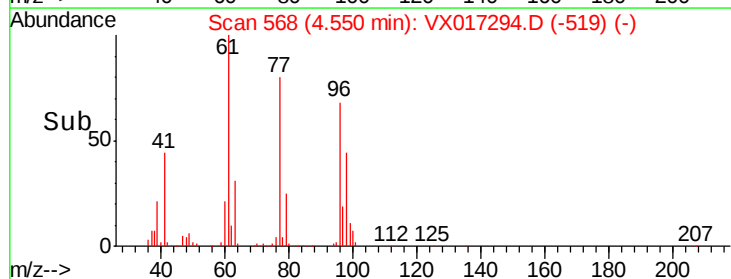
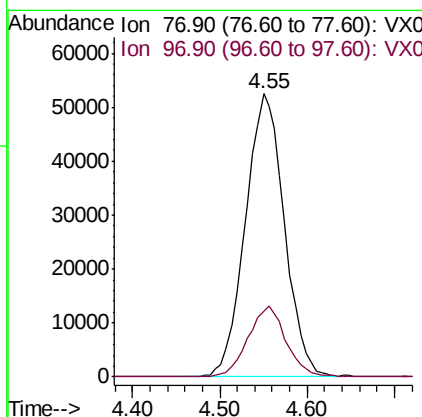
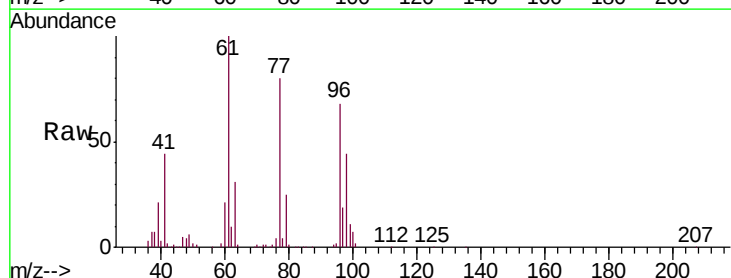
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

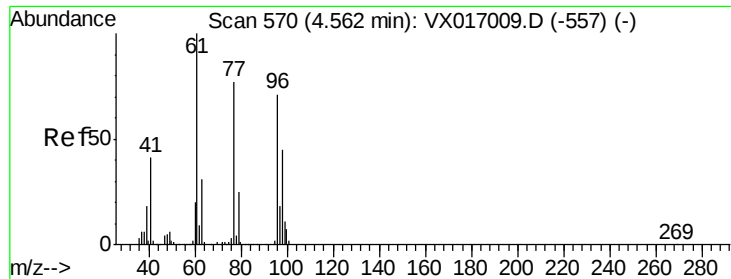
Tgt Ion: 43 Resp: 580263
 Ion Ratio Lower Upper
 43 100
 72 26.3 20.8 31.2



#26
 2,2-Dichloropropane
 Concen: 34.754 ug/l
 RT: 4.55 min Scan# 568
 Delta R.T. -0.00 min
 Lab File: VX017294.D
 Acq: 09 Jul 2020 06:14

Tgt Ion: 77 Resp: 162027
 Ion Ratio Lower Upper
 77 100
 97 24.3 11.4 34.2



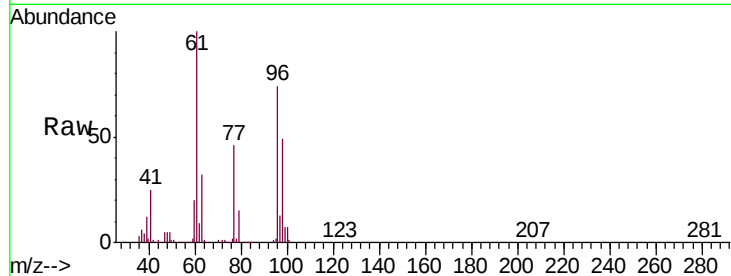


#27

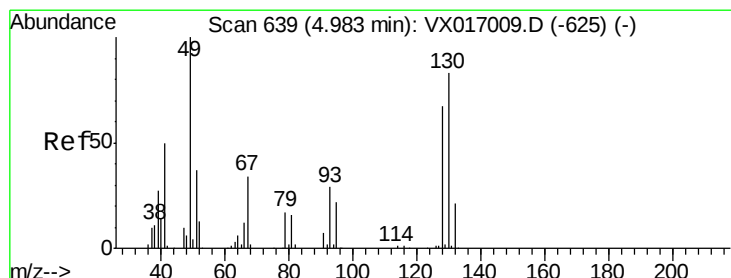
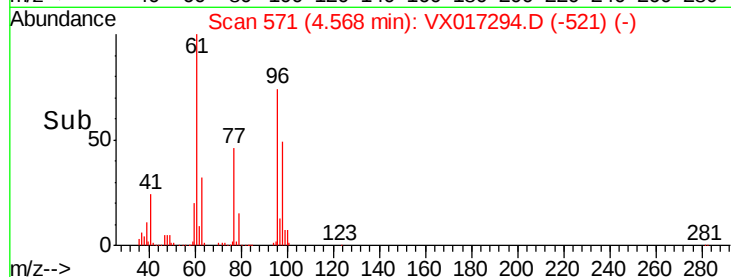
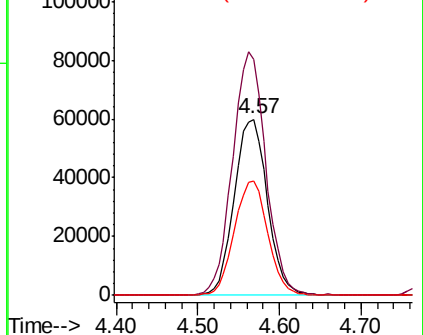
cis-1,2-Dichloroethene
Concen: 49.952 ug/l
RT: 4.57 min Scan# 571
Delta R.T. 0.01 min
Lab File: VX017294.D
Acq: 09 Jul 2020 06:14

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 96 Resp: 169453
Ion Ratio Lower Upper
96 100
61 138.3 0.0 282.8
98 65.2 0.0 127.6



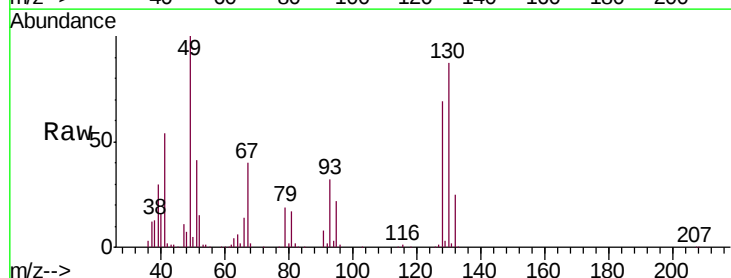
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



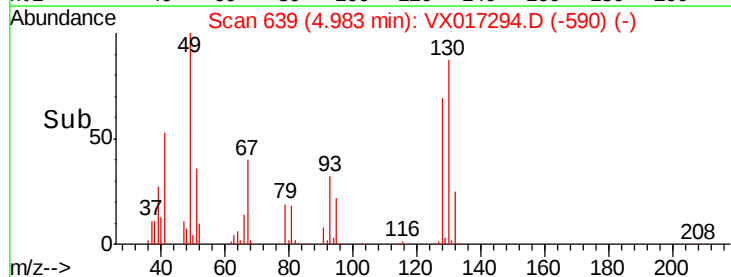
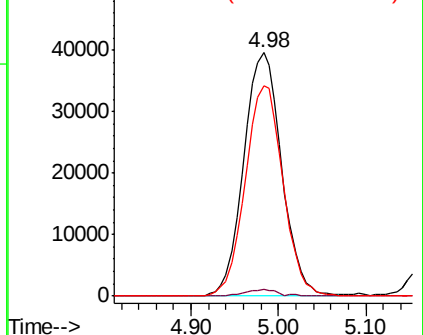
#28

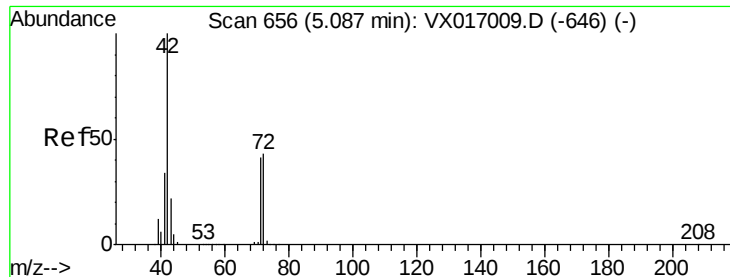
Bromochloromethane
Concen: 46.608 ug/l
RT: 4.98 min Scan# 639
Delta R.T. -0.00 min
Lab File: VX017294.D
Acq: 09 Jul 2020 06:14

Tgt Ion: 49 Resp: 119088
Ion Ratio Lower Upper
49 100
129 2.2 0.0 4.2
130 86.0 66.6 100.0



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





#29

Tetrahydrofuran

Concen: 273.826 ug/l

RT: 5.09 min Scan# 657

Delta R.T. 0.01 min

Lab File: VX017294.D

Acq: 09 Jul 2020 06:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

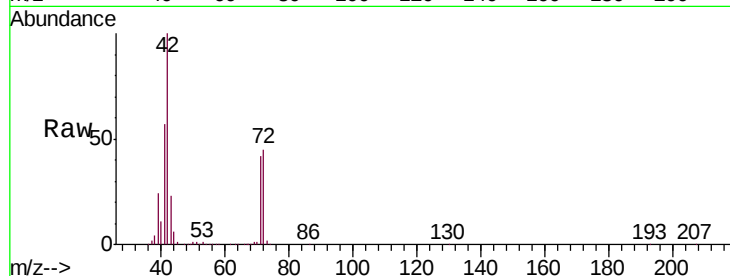
Tgt Ion: 42 Resp: 379116

Ion Ratio Lower Upper

42 100

72 45.6 35.3 52.9

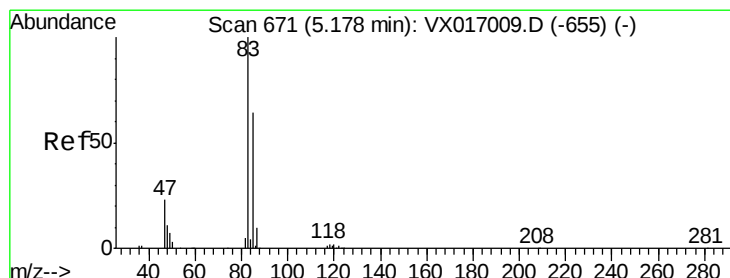
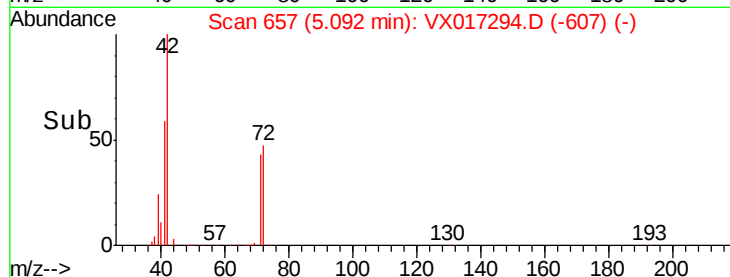
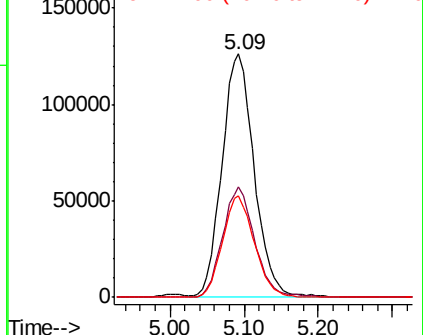
71 41.5 33.1 49.7



Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0



#30

Chloroform

Concen: 54.222 ug/l

RT: 5.18 min Scan# 671

Delta R.T. -0.00 min

Lab File: VX017294.D

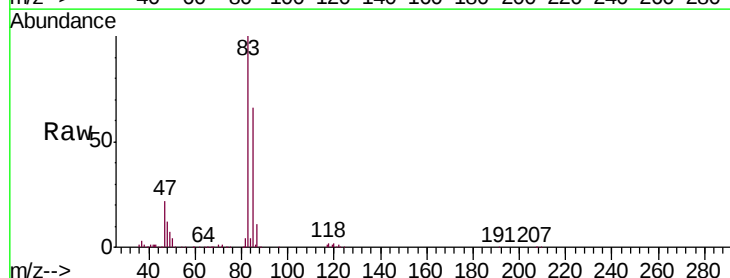
Acq: 09 Jul 2020 06:14

Tgt Ion: 83 Resp: 291851

Ion Ratio Lower Upper

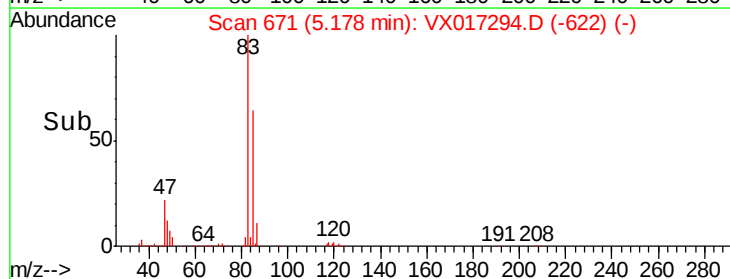
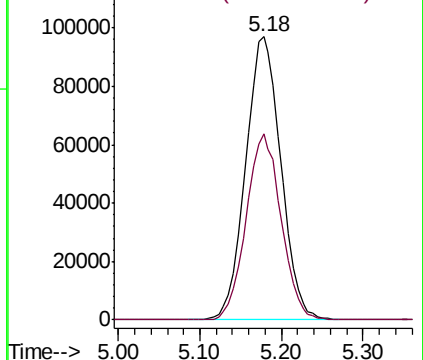
83 100

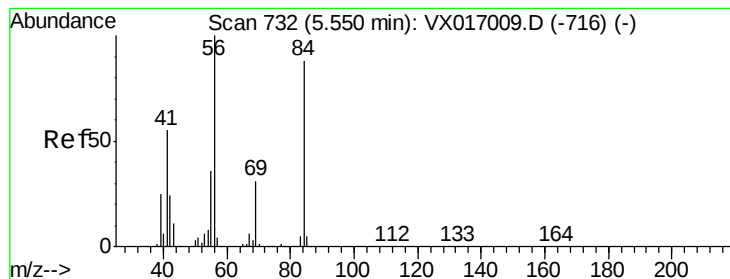
85 65.6 51.4 77.2



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0





#31

Cyclohexane

Concen: 47.718 ug/l

RT: 5.55 min Scan# 732

Delta R.T. -0.00 min

Lab File: VX017294.D

Acq: 09 Jul 2020 06:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

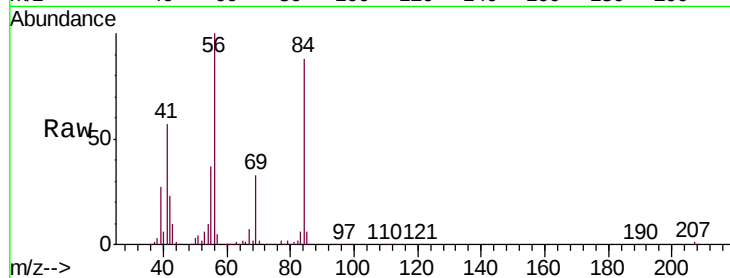
Tgt Ion: 56 Resp: 216572

Ion Ratio Lower Upper

56 100

69 33.0 25.0 37.4

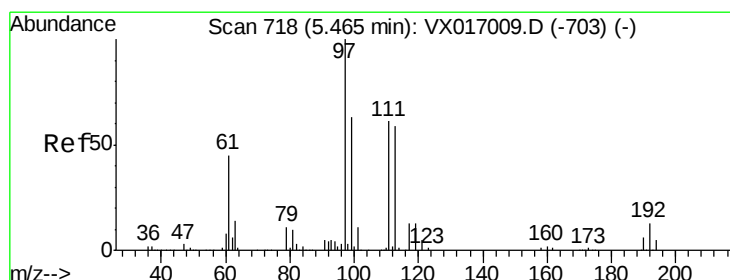
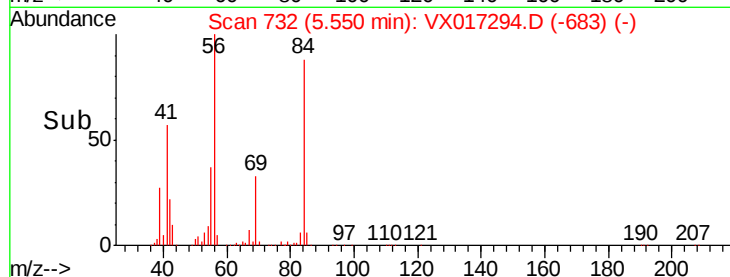
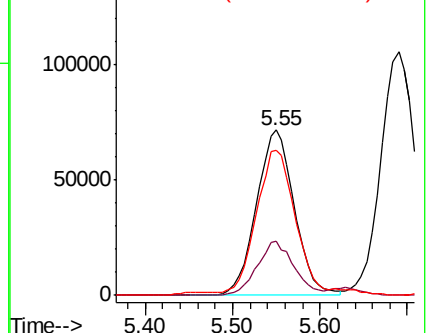
84 86.2 69.1 103.7



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 84.00 (83.70 to 84.70): VX0



#32

1,1,1-Trichloroethane

Concen: 53.778 ug/l

RT: 5.46 min Scan# 718

Delta R.T. -0.00 min

Lab File: VX017294.D

Acq: 09 Jul 2020 06:14

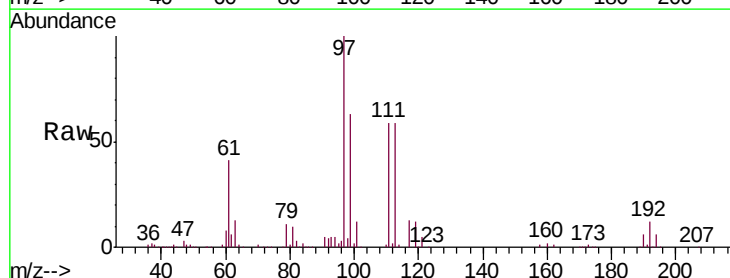
Tgt Ion: 97 Resp: 266581

Ion Ratio Lower Upper

97 100

99 64.4 50.8 76.2

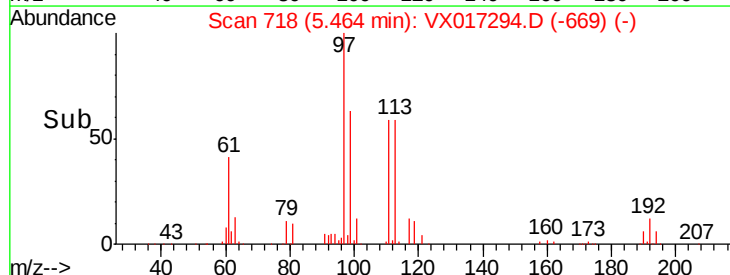
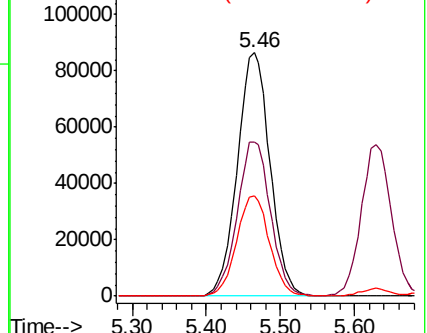
61 41.5 33.7 50.5

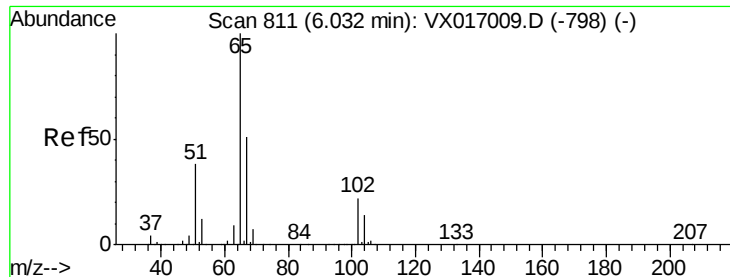


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 98.90 (98.60 to 99.60): VX0

Ion 60.90 (60.60 to 61.60): VX0





#33

1,2-Dichloroethane-d4

Concen: 52.674 ug/l

RT: 6.03 min Scan# 811

Delta R.T. -0.00 min

Lab File: VX017294.D

Acq: 09 Jul 2020 06:14

Instrument :

MSVOA_X

ClientSampleId :

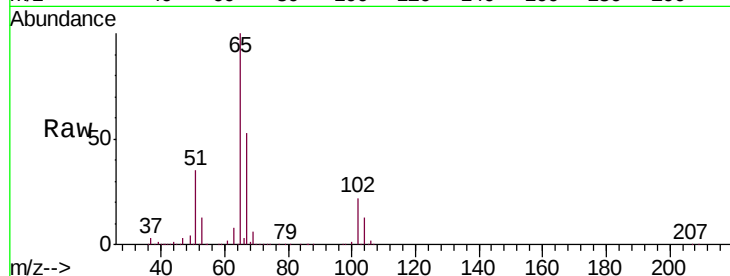
VSTDCCC050EC

Tgt Ion: 65 Resp: 177075

Ion Ratio Lower Upper

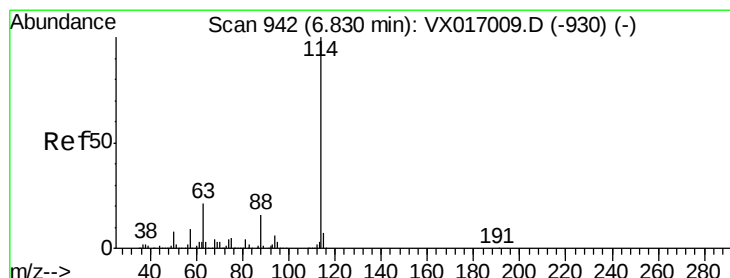
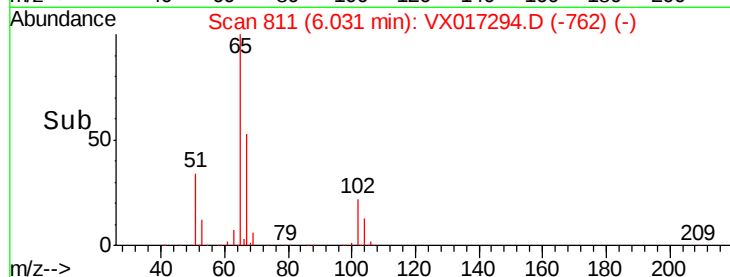
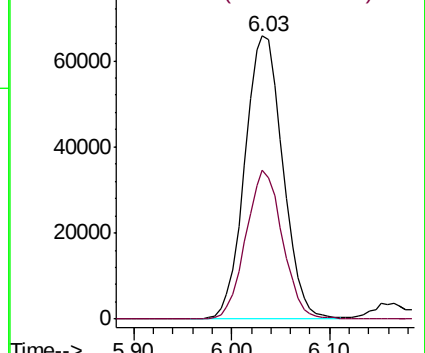
65 100

67 50.8 0.0 103.8



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. -0.00 min

Lab File: VX017294.D

Acq: 09 Jul 2020 06:14

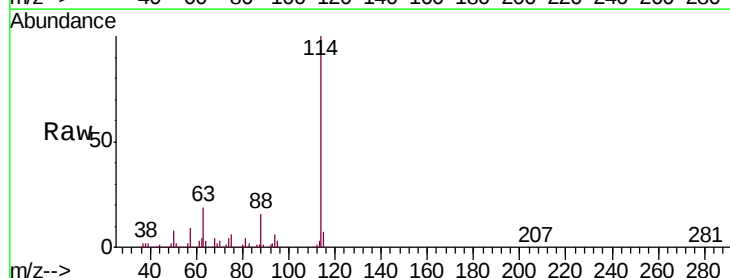
Tgt Ion: 114 Resp: 421913

Ion Ratio Lower Upper

114 100

63 19.1 0.0 41.4

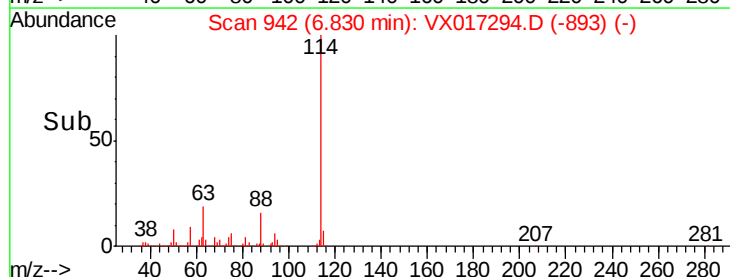
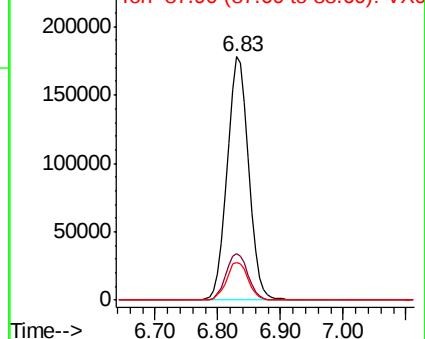
88 15.7 0.0 32.4

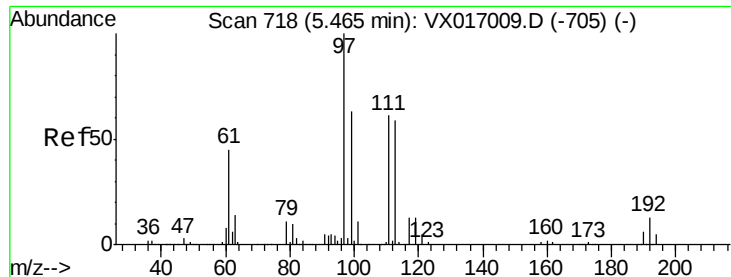


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

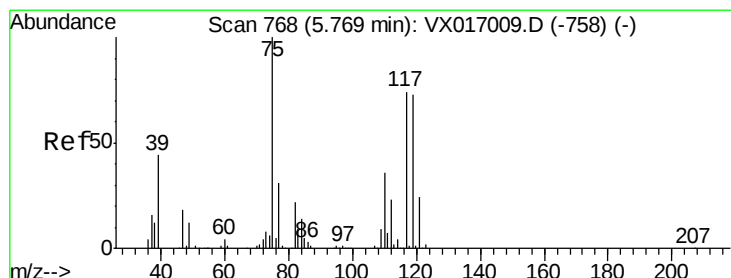
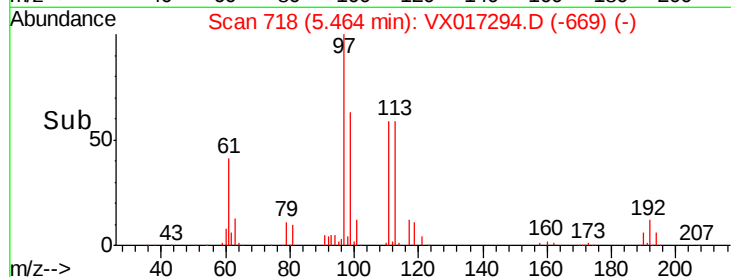
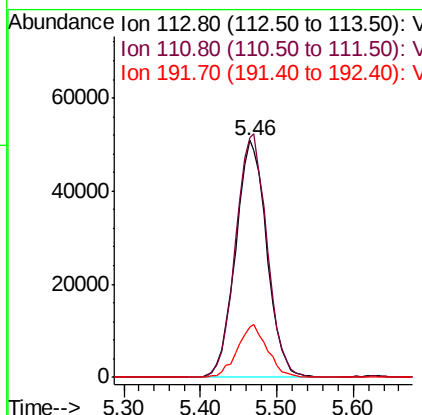
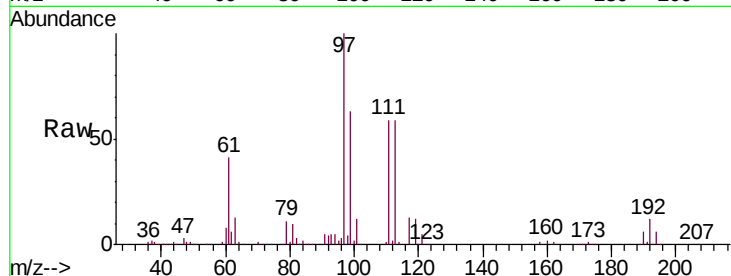




#35
 Dibromofluoromethane
 Concen: 53.977 ug/l
 RT: 5.46 min Scan# 718
 Delta R.T. -0.00 min
 Lab File: VX017294.D
 Acq: 09 Jul 2020 06:14

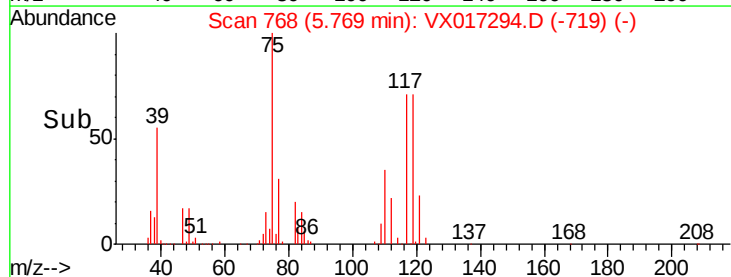
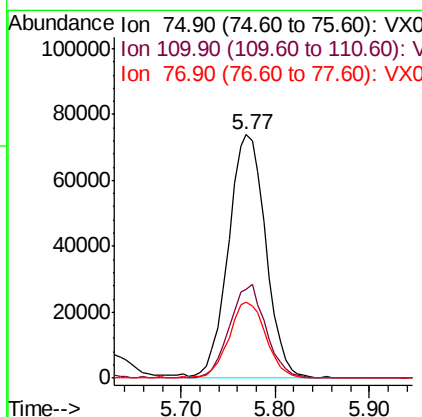
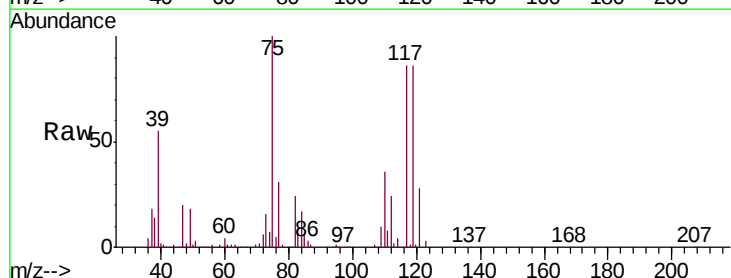
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

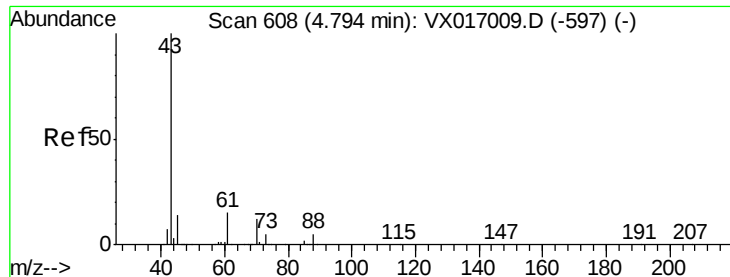
Tgt Ion: 113 Resp: 144059
 Ion Ratio Lower Upper
 113 100
 111 103.1 81.9 122.9
 192 21.3 16.7 25.1



#36
 1,1-Dichloropropene
 Concen: 50.919 ug/l
 RT: 5.77 min Scan# 768
 Delta R.T. -0.00 min
 Lab File: VX017294.D
 Acq: 09 Jul 2020 06:14

Tgt Ion: 75 Resp: 203044
 Ion Ratio Lower Upper
 75 100
 110 37.5 18.1 54.1
 77 31.2 24.6 37.0

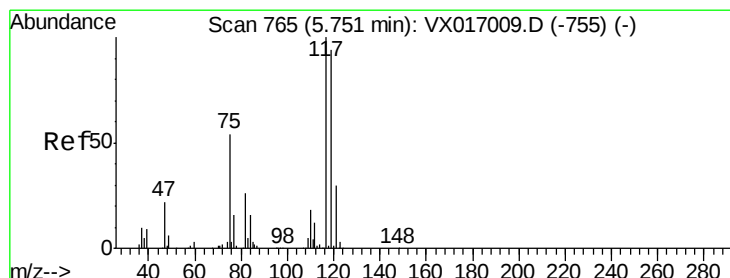
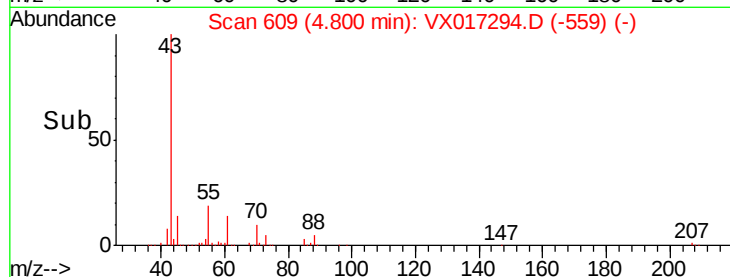
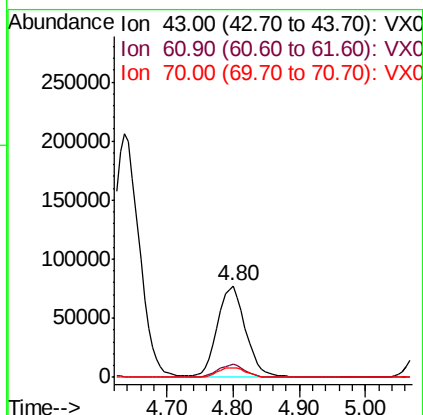
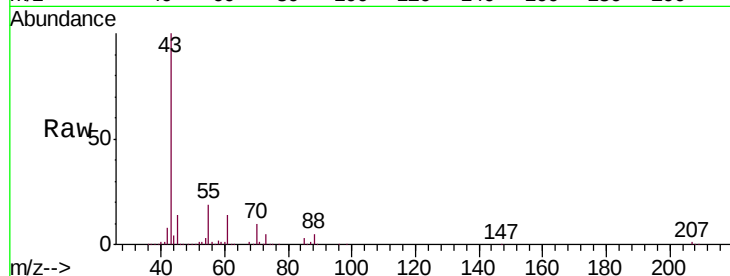




#37
Ethyl Acetate
Concen: 56.130 ug/l
RT: 4.80 min Scan# 609
Delta R.T. 0.01 min
Lab File: VX017294.D
Acq: 09 Jul 2020 06:14

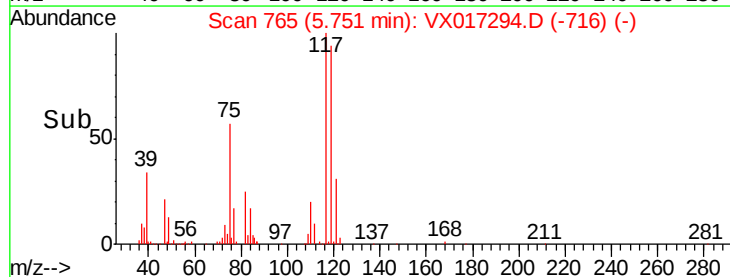
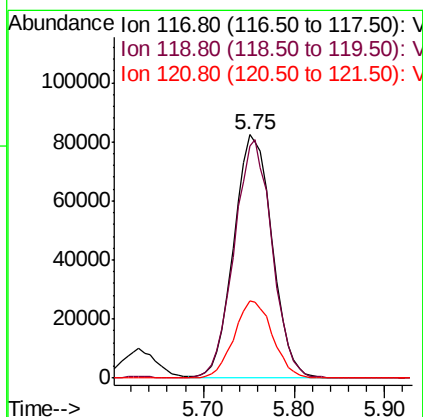
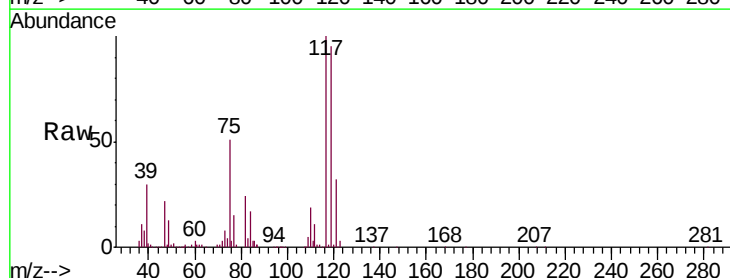
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

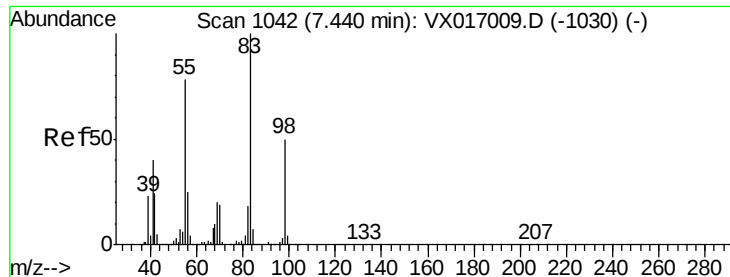
Tgt Ion: 43 Resp: 227094
Ion Ratio Lower Upper
43 100
61 13.7 11.0 16.4
70 11.1 8.9 13.3



#38
Carbon Tetrachloride
Concen: 55.153 ug/l
RT: 5.75 min Scan# 765
Delta R.T. -0.00 min
Lab File: VX017294.D
Acq: 09 Jul 2020 06:14

Tgt Ion: 117 Resp: 242232
Ion Ratio Lower Upper
117 100
119 95.3 75.4 113.0
121 31.6 23.8 35.6

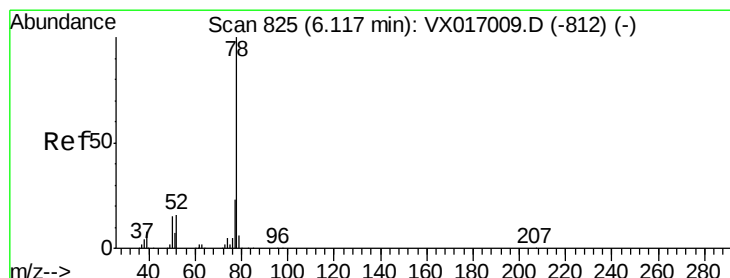
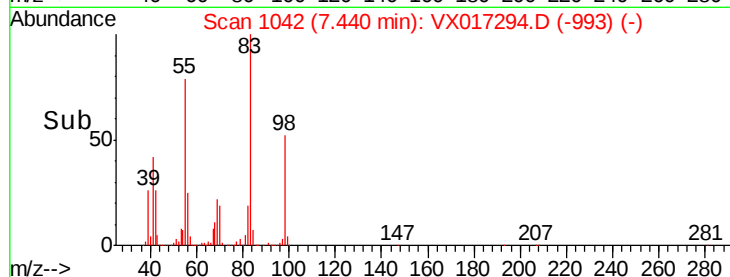
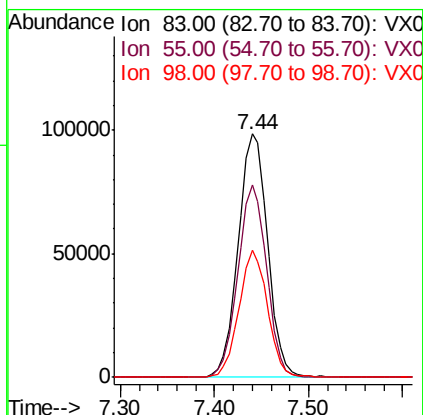
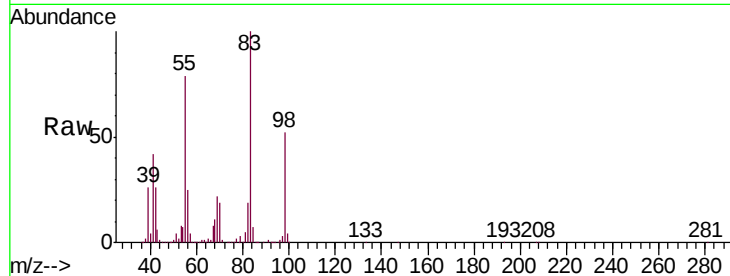




#39
Methylcyclohexane
Concen: 48.595 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. -0.00 min
Lab File: VX017294.D
Acq: 09 Jul 2020 06:14

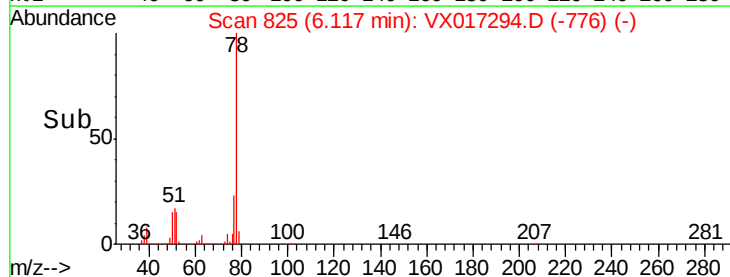
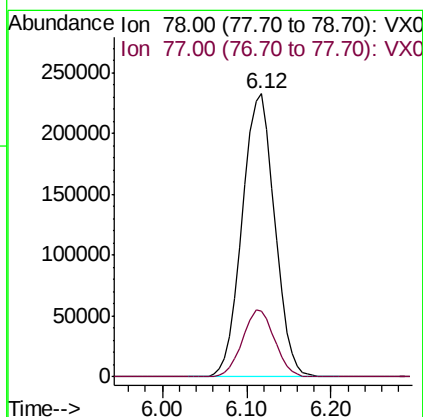
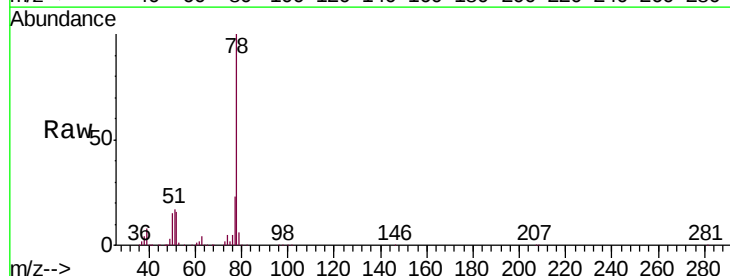
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

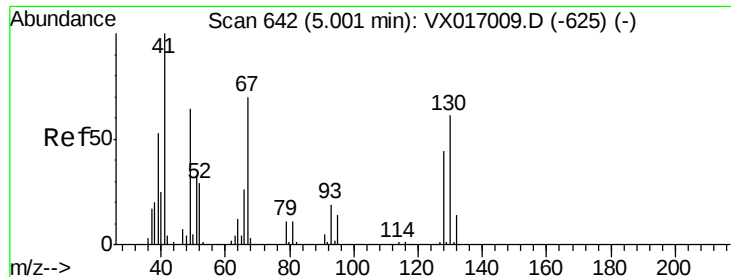
Tgt Ion: 83 Resp: 215600
Ion Ratio Lower Upper
83 100
55 79.1 62.5 93.7
98 52.1 40.1 60.1



#40
Benzene
Concen: 51.830 ug/l
RT: 6.12 min Scan# 825
Delta R.T. -0.00 min
Lab File: VX017294.D
Acq: 09 Jul 2020 06:14

Tgt Ion: 78 Resp: 607256
Ion Ratio Lower Upper
78 100
77 23.3 18.3 27.5

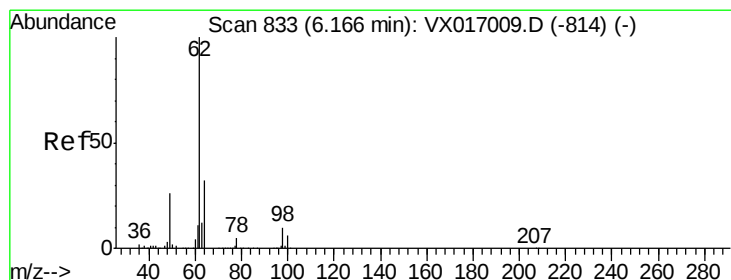
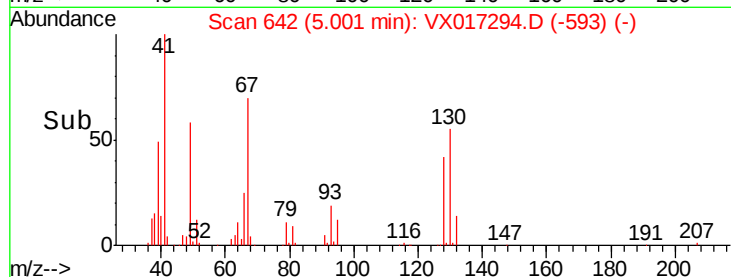
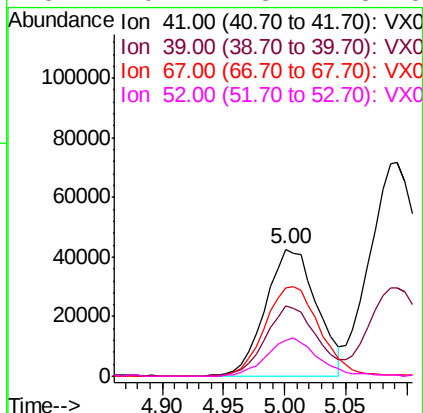
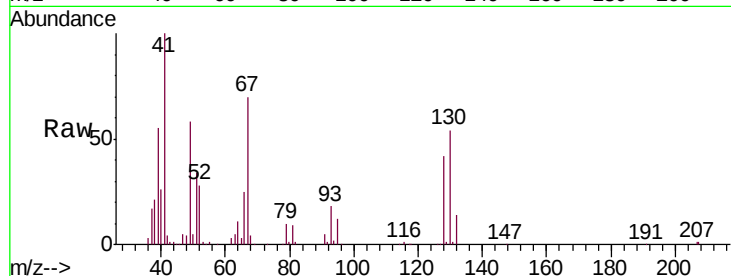




#41
Methacrylonitrile
Concen: 54.522 ug/l
RT: 5.00 min Scan# 642
Delta R.T. -0.00 min
Lab File: VX017294.D
Acq: 09 Jul 2020 06:14

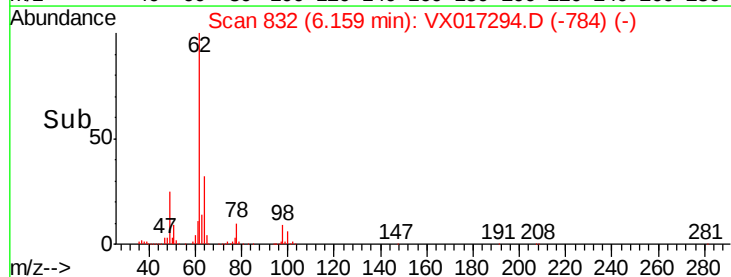
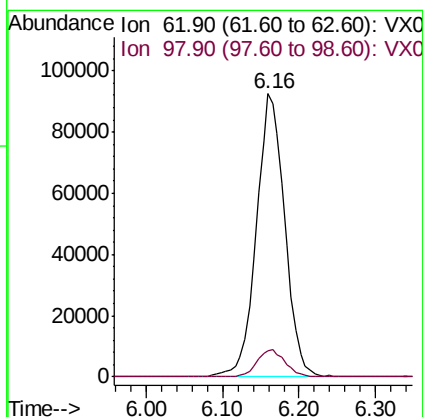
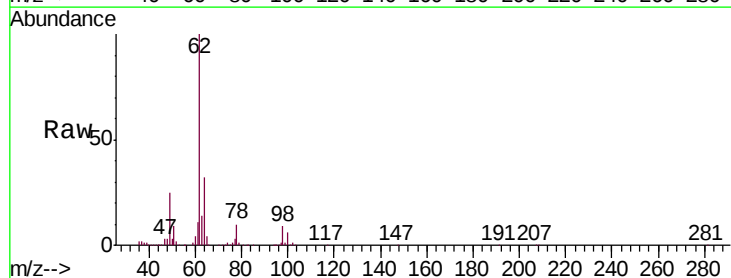
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

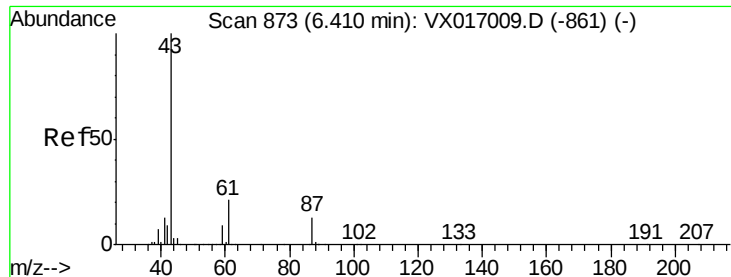
Tgt Ion:	41	Resp:	124152
Ion	Ratio	Lower	Upper
41	100		
39	54.8	44.4	66.6
67	75.8	57.1	85.7
52	29.7	23.2	34.8



#42
1,2-Dichloroethane
Concen: 56.550 ug/l
RT: 6.16 min Scan# 832
Delta R.T. -0.01 min
Lab File: VX017294.D
Acq: 09 Jul 2020 06:14

Tgt Ion:	62	Resp:	239318
Ion	Ratio	Lower	Upper
62	100		
98	9.6	0.0	19.2





#43

Isopropyl Acetate

Concen: 54.923 ug/l

RT: 6.42 min Scan# 874

Delta R.T. 0.01 min

Lab File: VX017294.D

Acq: 09 Jul 2020 06:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

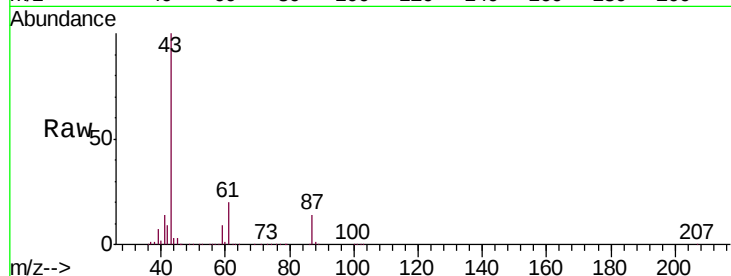
Tgt Ion: 43 Resp: 369252

Ion Ratio Lower Upper

43 100

61 20.1 16.2 24.2

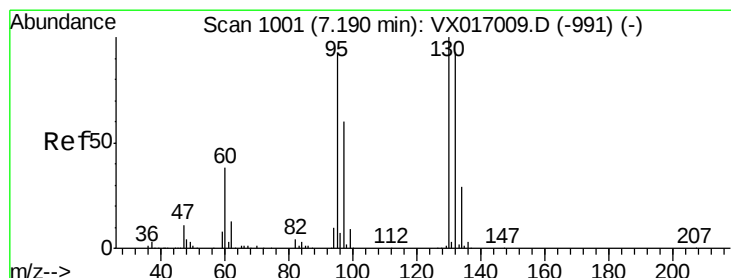
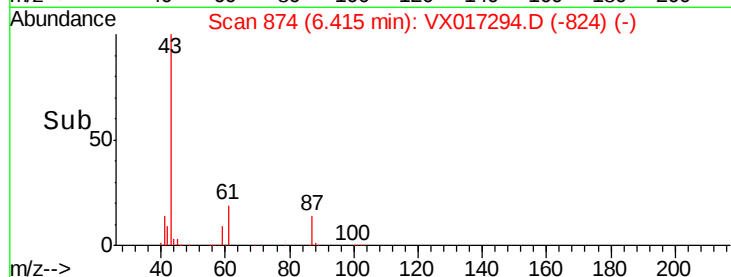
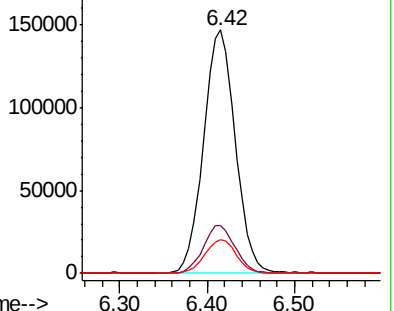
87 14.0 10.7 16.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#44

Trichloroethene

Concen: 55.053 ug/l

RT: 7.19 min Scan# 1001

Delta R.T. 0.00 min

Lab File: VX017294.D

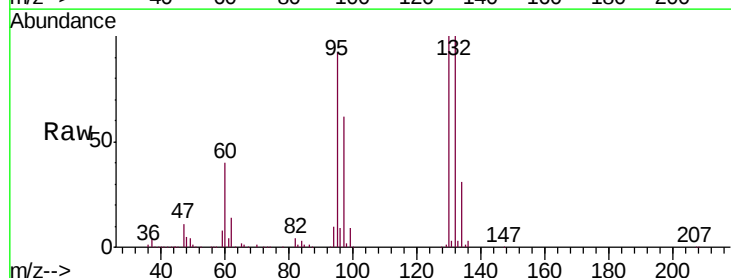
Acq: 09 Jul 2020 06:14

Tgt Ion: 130 Resp: 177888

Ion Ratio Lower Upper

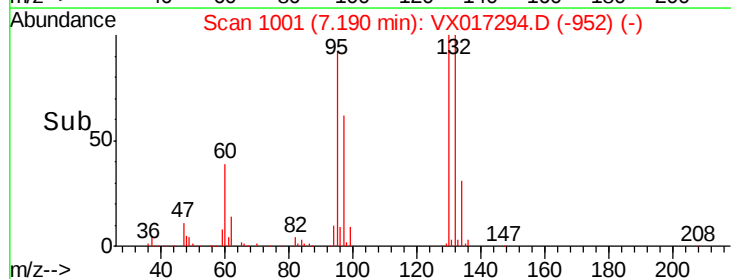
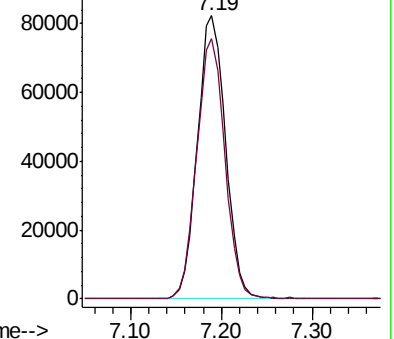
130 100

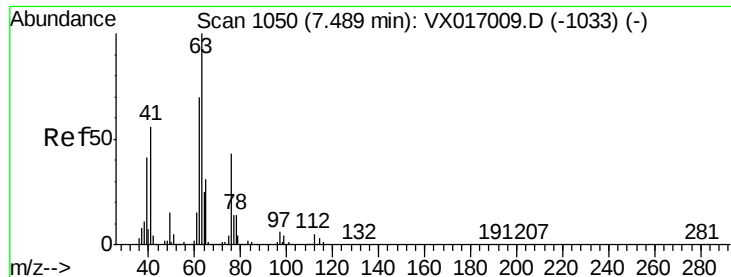
95 92.2 0.0 185.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

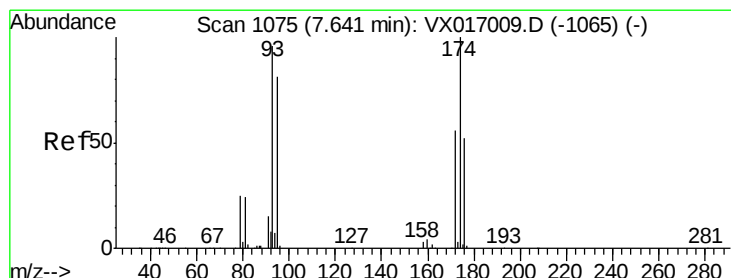
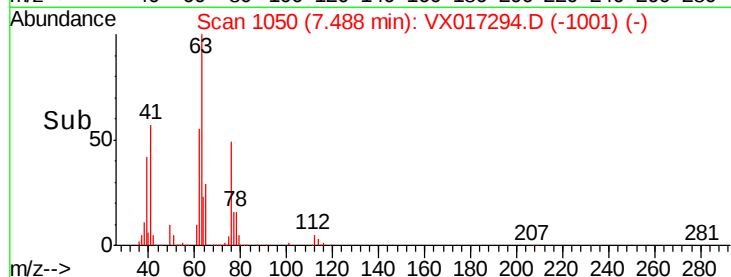
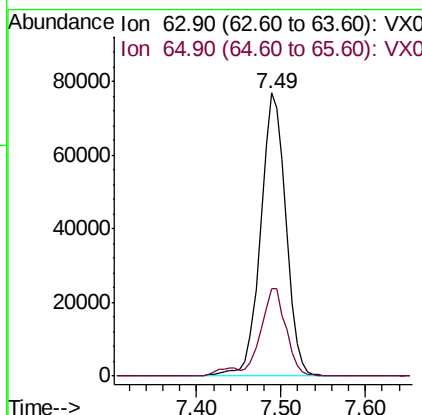
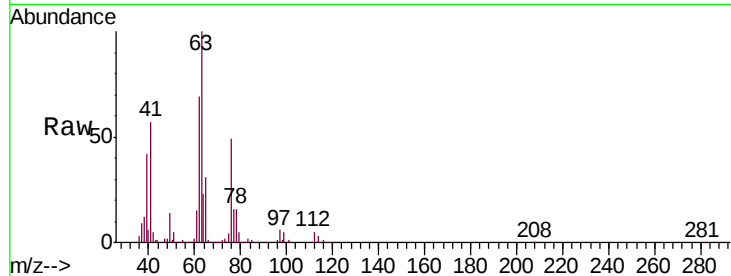




#45
 1,2-Dichloropropane
 Concen: 52.775 ug/l
 RT: 7.49 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VX017294.D
 Acq: 09 Jul 2020 06:14

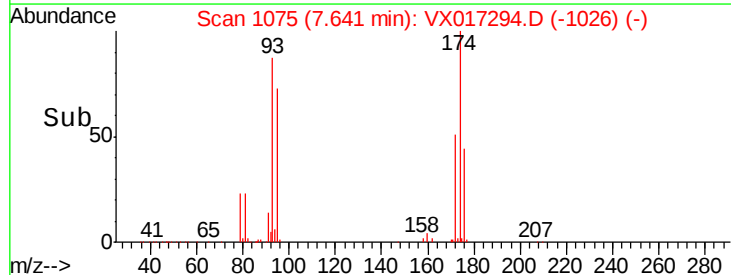
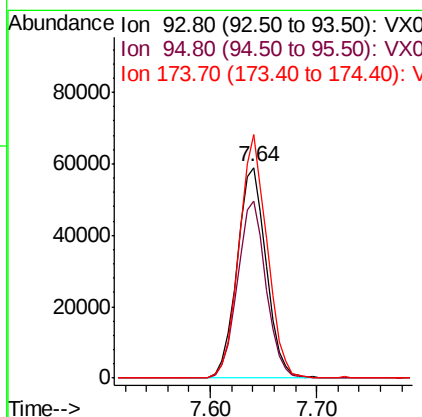
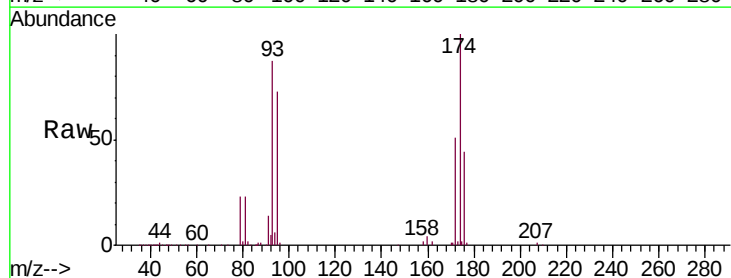
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

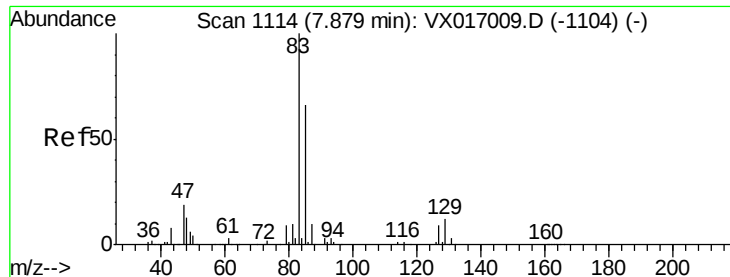
Tgt Ion: 63 Resp: 158811
 Ion Ratio Lower Upper
 63 100
 65 30.8 24.6 36.8



#46
 Dibromomethane
 Concen: 55.257 ug/l
 RT: 7.64 min Scan# 1075
 Delta R.T. -0.00 min
 Lab File: VX017294.D
 Acq: 09 Jul 2020 06:14

Tgt Ion: 93 Resp: 113524
 Ion Ratio Lower Upper
 93 100
 95 82.7 67.4 101.0
 174 110.9 84.3 126.5

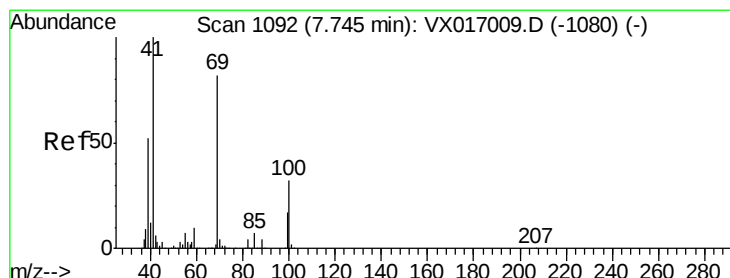
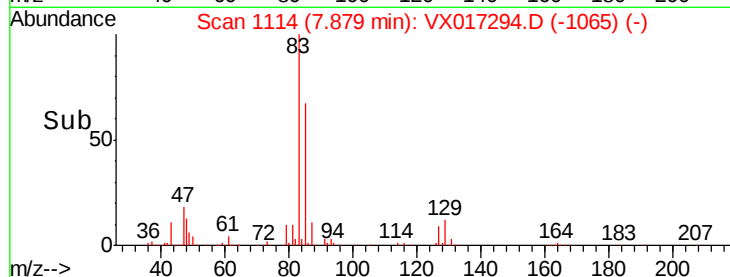
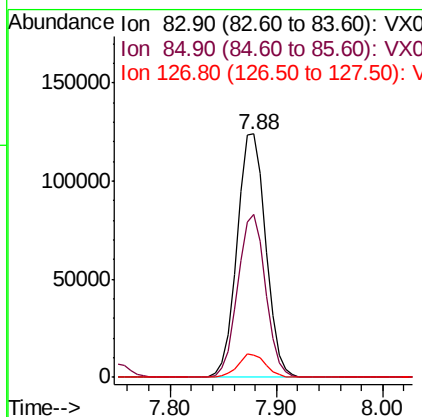
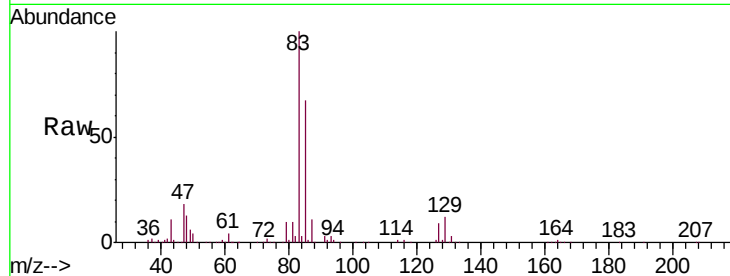




#47
Bromodichloromethane
Concen: 55.589 ug/l
RT: 7.88 min Scan# 1114
Delta R.T. -0.00 min
Lab File: VX017294.D
Acq: 09 Jul 2020 06:14

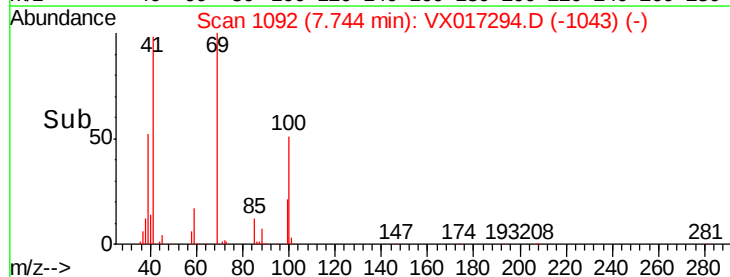
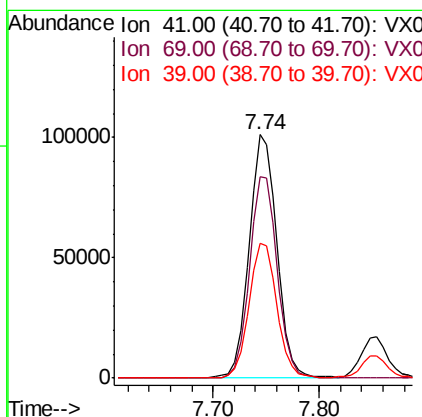
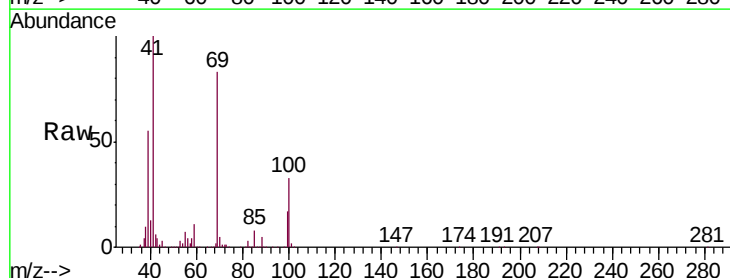
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

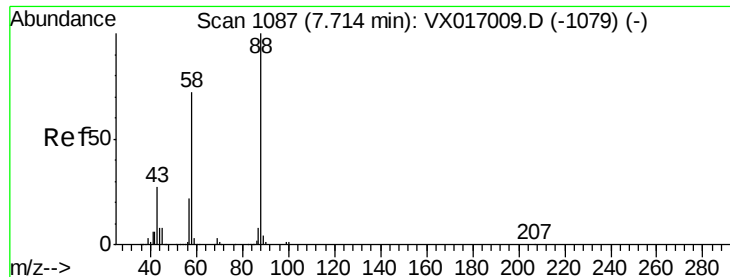
Tgt Ion: 83 Resp: 235357
Ion Ratio Lower Upper
83 100
85 67.1 53.0 79.4
127 9.4 7.5 11.3



#48
Methyl methacrylate
Concen: 57.805 ug/l
RT: 7.74 min Scan# 1092
Delta R.T. -0.00 min
Lab File: VX017294.D
Acq: 09 Jul 2020 06:14

Tgt Ion: 41 Resp: 184632
Ion Ratio Lower Upper
41 100
69 82.7 65.8 98.8
39 56.1 42.5 63.7

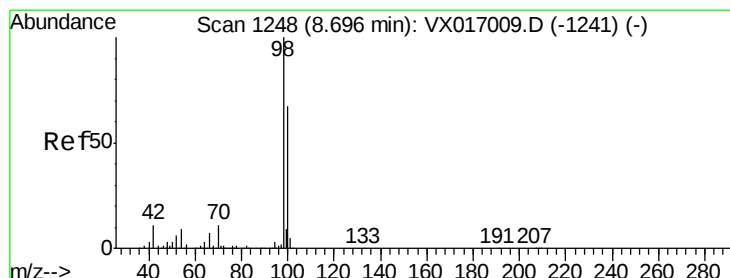
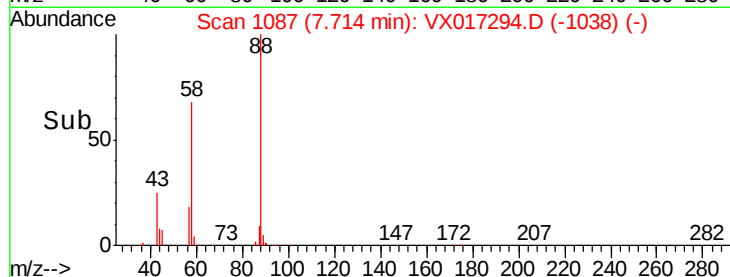
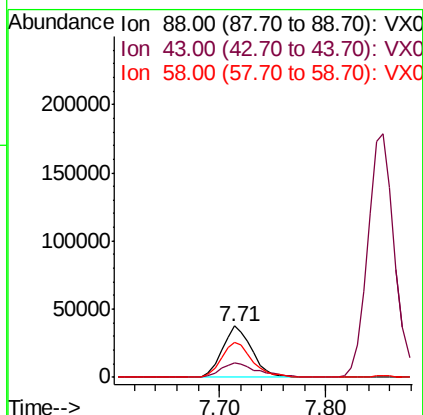
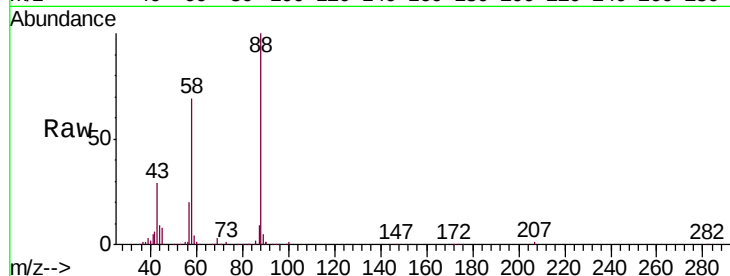




#49
1,4-Dioxane
Concen: 1012.882 ug/l
RT: 7.71 min Scan# 1087
Delta R.T. -0.00 min
Lab File: VX017294.D
Acq: 09 Jul 2020 06:14

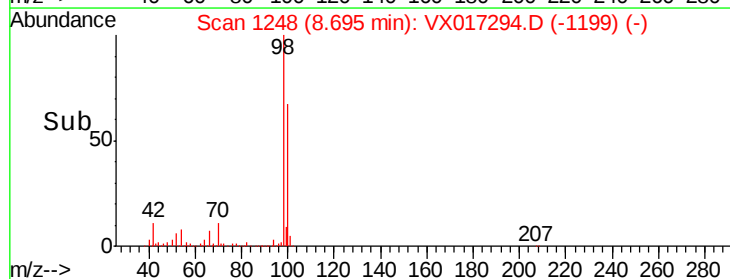
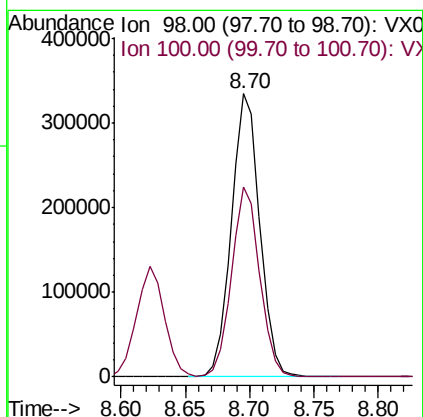
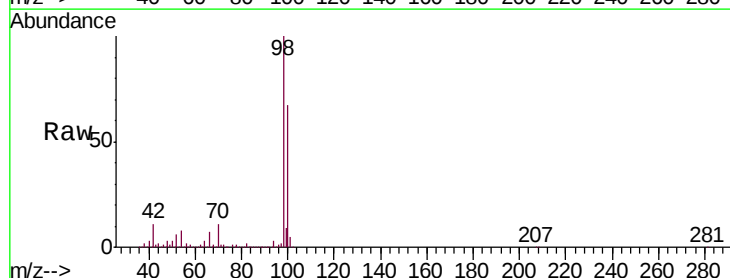
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

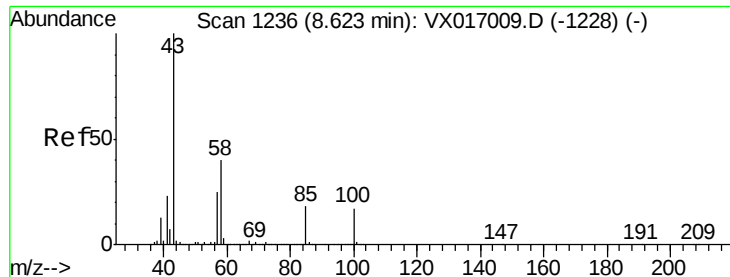
Tgt Ion: 88 Resp: 73293
Ion Ratio Lower Upper
88 100
43 33.7 25.8 38.8
58 70.6 54.8 82.2



#50
Toluene-d8
Concen: 52.052 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VX017294.D
Acq: 09 Jul 2020 06:14

Tgt Ion: 98 Resp: 513702
Ion Ratio Lower Upper
98 100
100 66.7 53.8 80.6

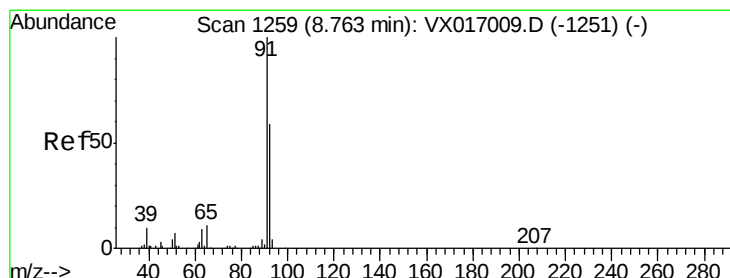
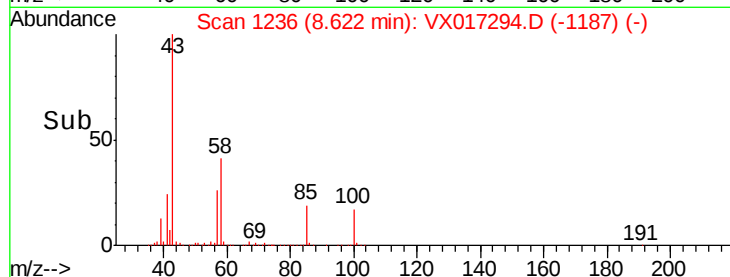
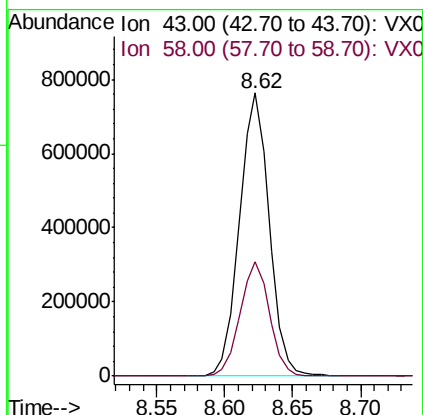
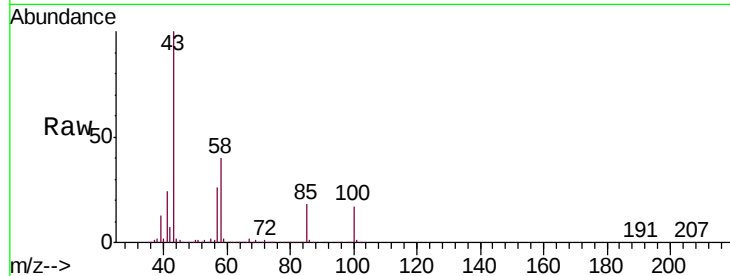




#51
 4-Methyl-2-Pentanone
 Concen: 290.155 ug/l
 RT: 8.62 min Scan# 1236
 Delta R.T. -0.00 min
 Lab File: VX017294.D
 Acq: 09 Jul 2020 06:14

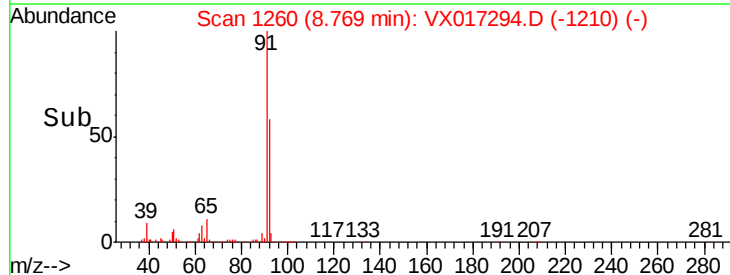
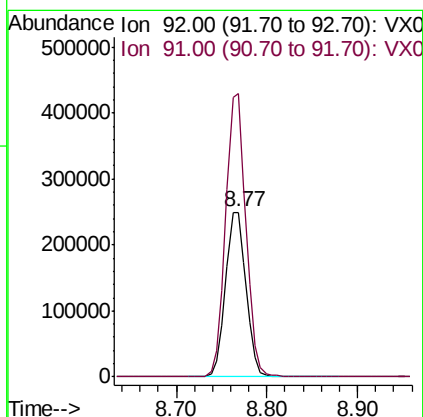
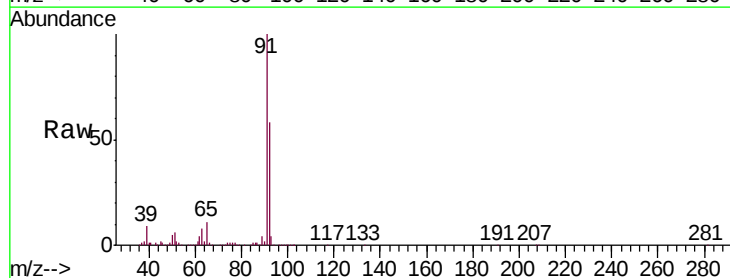
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

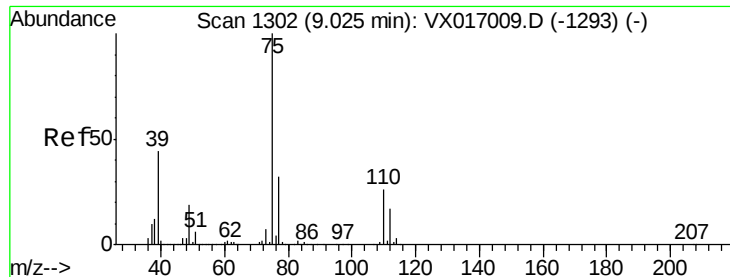
Tgt Ion: 43 Resp: 1162819
 Ion Ratio Lower Upper
 43 100
 58 40.0 31.9 47.9



#52
 Toluene
 Concen: 53.779 ug/l
 RT: 8.77 min Scan# 1260
 Delta R.T. 0.01 min
 Lab File: VX017294.D
 Acq: 09 Jul 2020 06:14

Tgt Ion: 92 Resp: 393394
 Ion Ratio Lower Upper
 92 100
 91 169.4 136.9 205.3

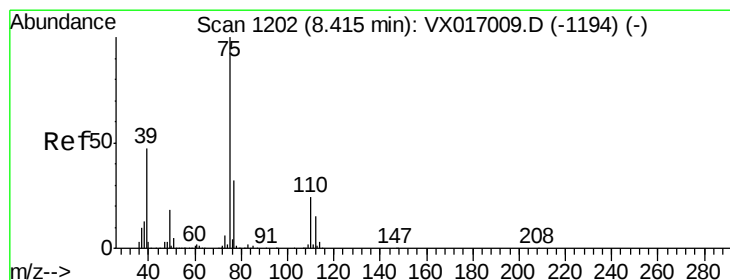
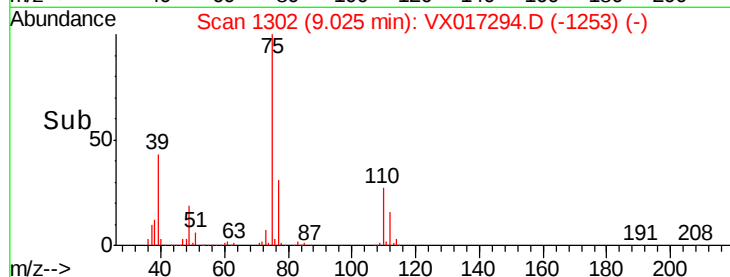
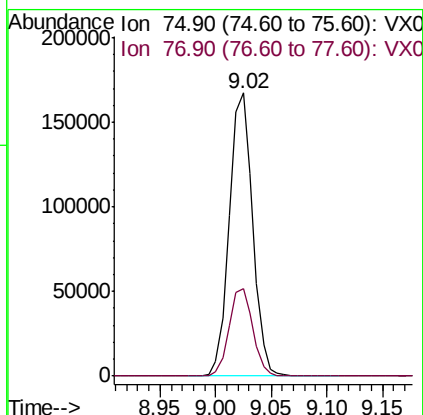
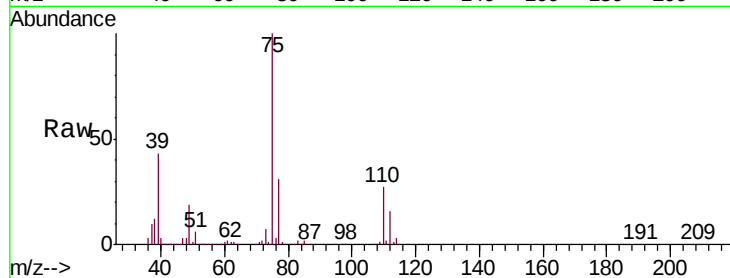




#53
t-1,3-Dichloropropene
Concen: 52.055 ug/l
RT: 9.02 min Scan# 1302
Delta R.T. -0.00 min
Lab File: VX017294.D
Acq: 09 Jul 2020 06:14

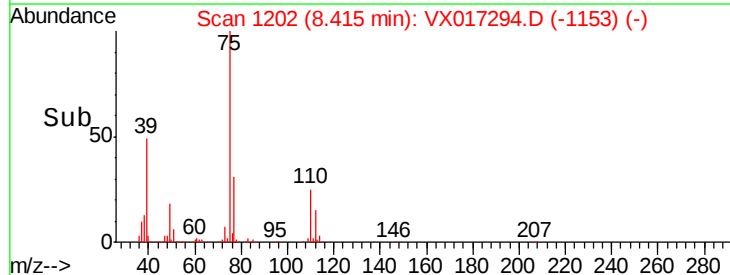
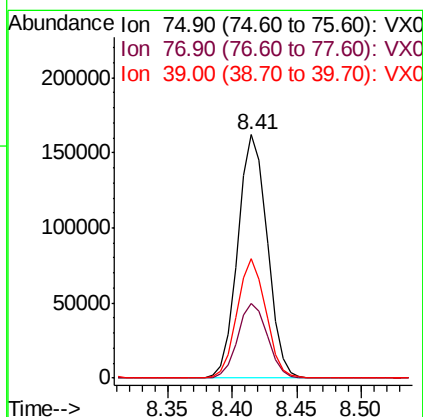
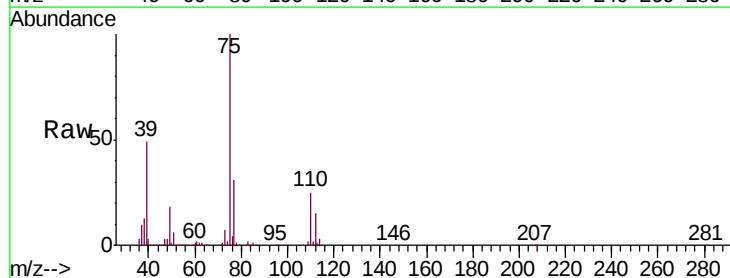
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

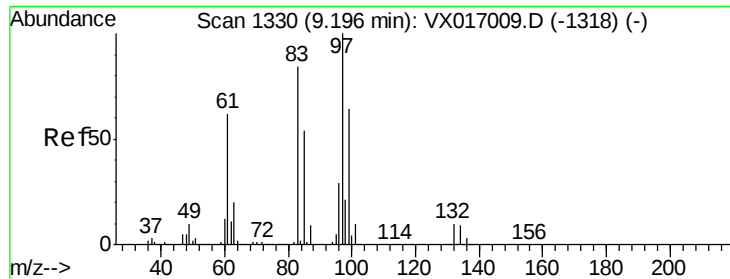
Tgt Ion: 75 Resp: 243166
Ion Ratio Lower Upper
75 100
77 30.9 25.6 38.4



#54
cis-1,3-Dichloropropene
Concen: 51.288 ug/l
RT: 8.41 min Scan# 1202
Delta R.T. -0.00 min
Lab File: VX017294.D
Acq: 09 Jul 2020 06:14

Tgt Ion: 75 Resp: 256831
Ion Ratio Lower Upper
75 100
77 30.5 25.2 37.8
39 48.9 37.4 56.2

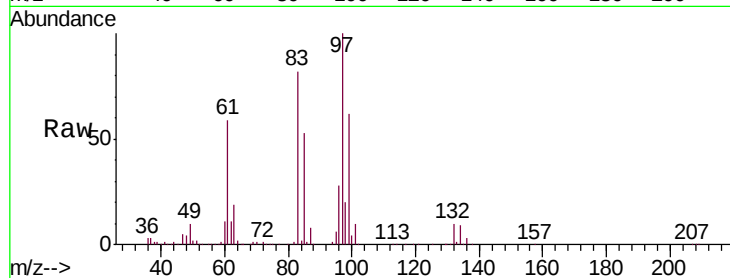




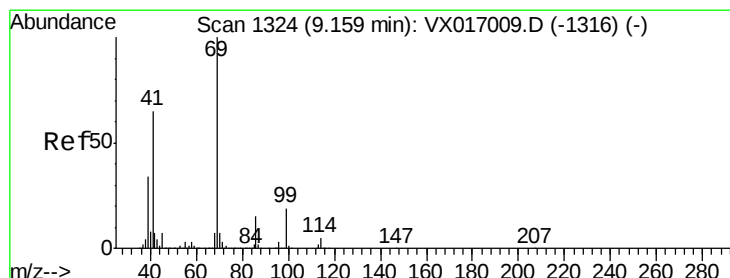
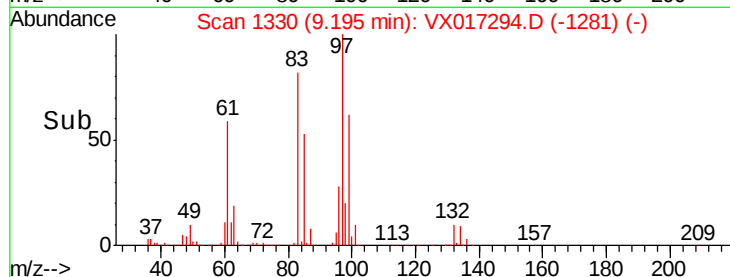
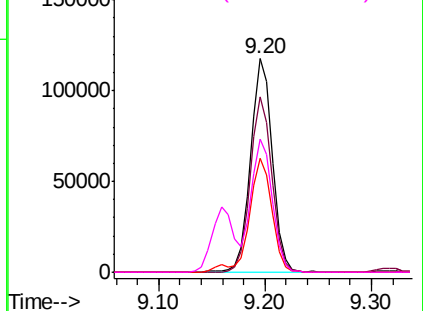
#55
 1,1,2-Trichloroethane
 Concen: 56.566 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. -0.00 min
 Lab File: VX017294.D
 Acq: 09 Jul 2020 06:14

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion:	97	Resp:	169056
Ion	Ratio	Lower	Upper
97	100		
83	82.1	67.0	100.6
85	53.2	43.5	65.3
99	62.3	51.0	76.6

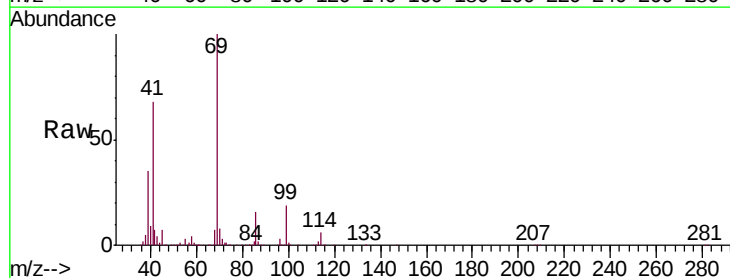


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

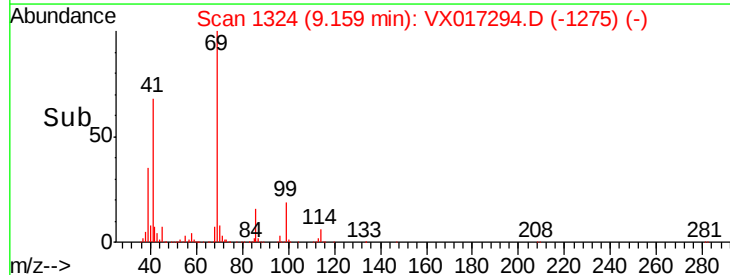
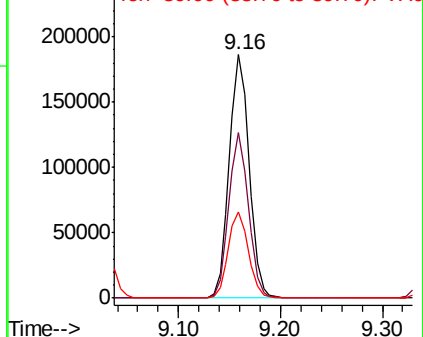


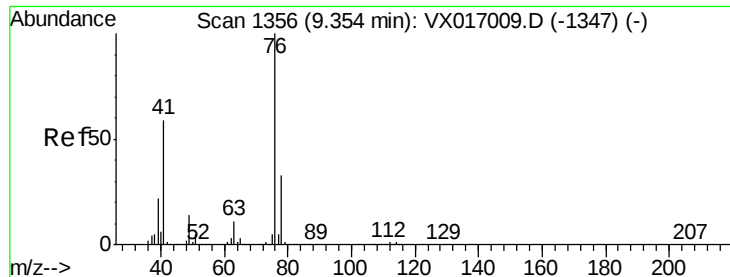
#56
 Ethyl methacrylate
 Concen: 58.965 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. -0.00 min
 Lab File: VX017294.D
 Acq: 09 Jul 2020 06:14

Tgt Ion:	69	Resp:	250830
Ion	Ratio	Lower	Upper
69	100		
41	67.1	53.6	80.4
39	35.7	28.2	42.2



Abundance Ion 69.00 (68.70 to 69.70): VX0
 Ion 41.00 (40.70 to 41.70): VX0
 Ion 39.00 (38.70 to 39.70): VX0

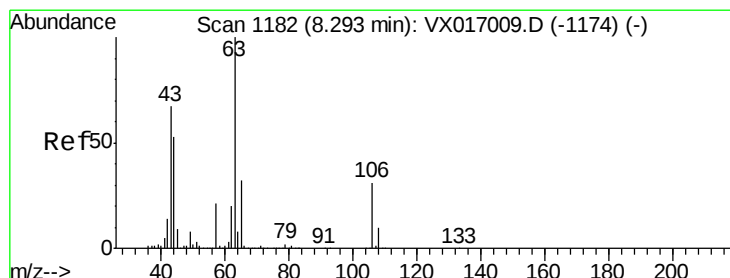
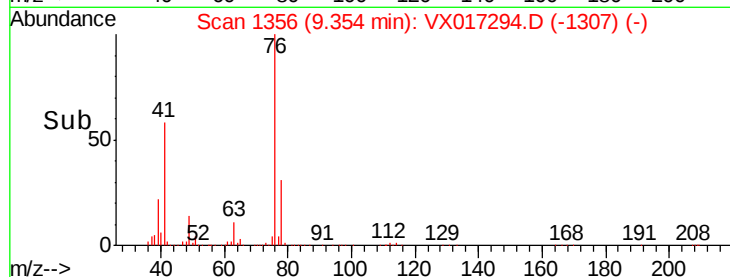
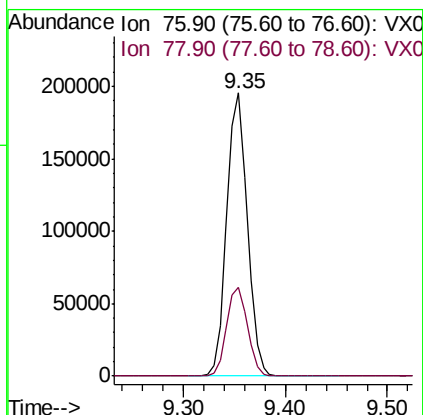
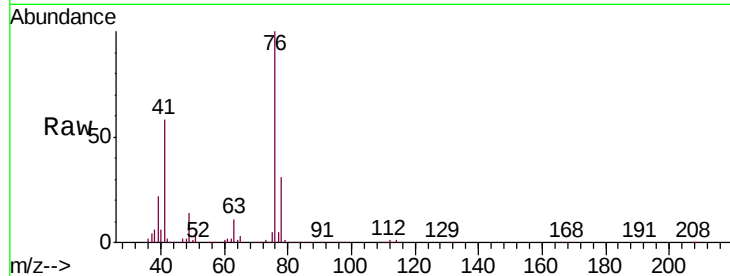




#57
 1,3-Dichloropropane
 Concen: 53.932 ug/l
 RT: 9.35 min Scan# 1356
 Delta R.T. -0.00 min
 Lab File: VX017294.D
 Acq: 09 Jul 2020 06:14

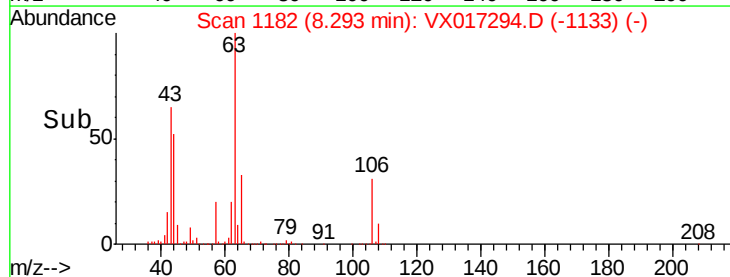
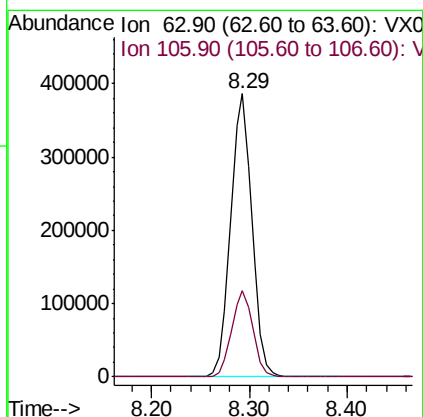
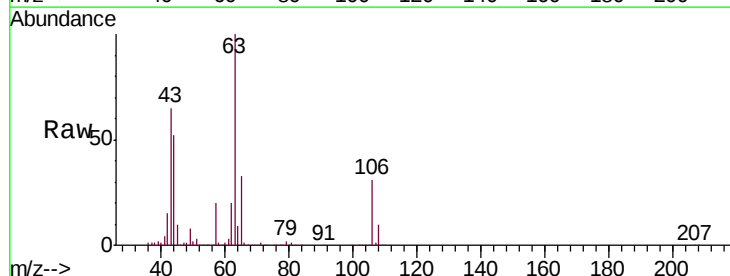
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

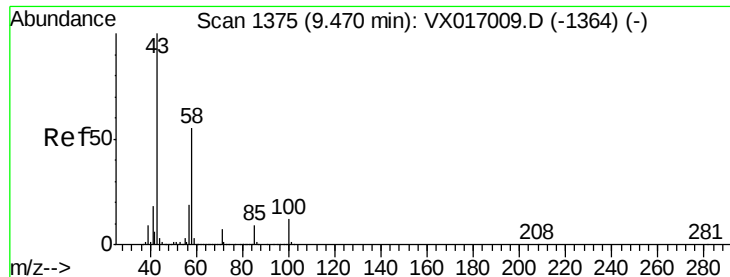
Tgt Ion: 76 Resp: 272742
 Ion Ratio Lower Upper
 76 100
 78 32.1 25.9 38.9



#58
 2-Chloroethyl Vinyl ether
 Concen: 275.634 ug/l
 RT: 8.29 min Scan# 1182
 Delta R.T. -0.00 min
 Lab File: VX017294.D
 Acq: 09 Jul 2020 06:14

Tgt Ion: 63 Resp: 583546
 Ion Ratio Lower Upper
 63 100
 106 30.5 24.0 36.0

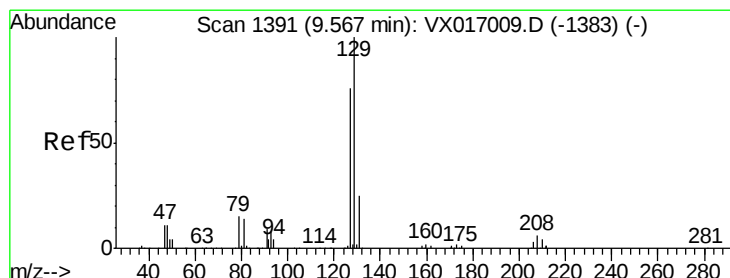
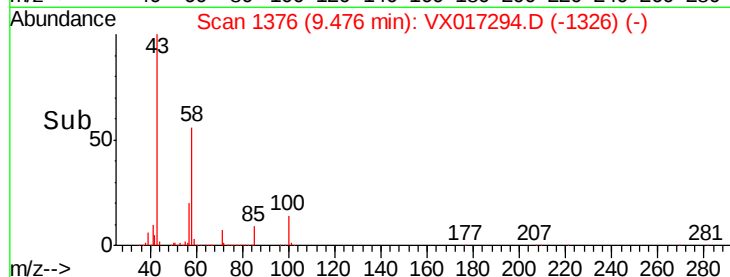
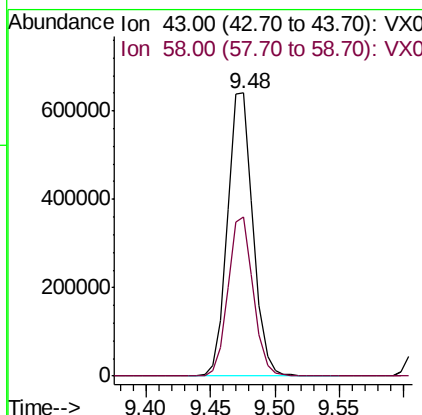
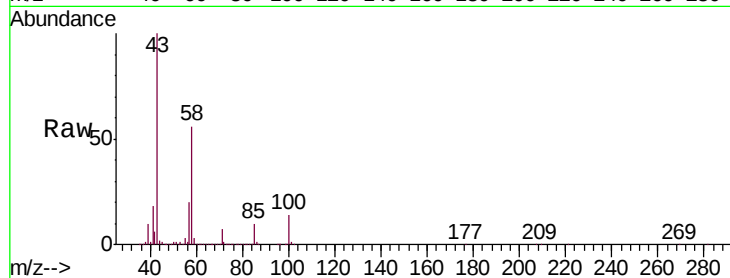




#59
2-Hexanone
Concen: 304.862 ug/l
RT: 9.48 min Scan# 1376
Delta R.T. 0.01 min
Lab File: VX017294.D
Acq: 09 Jul 2020 06:14

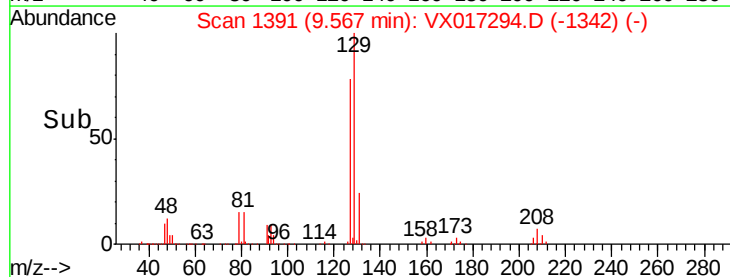
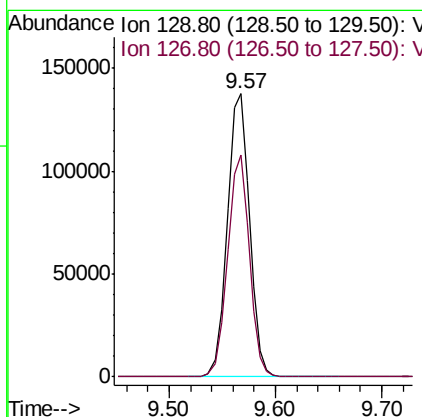
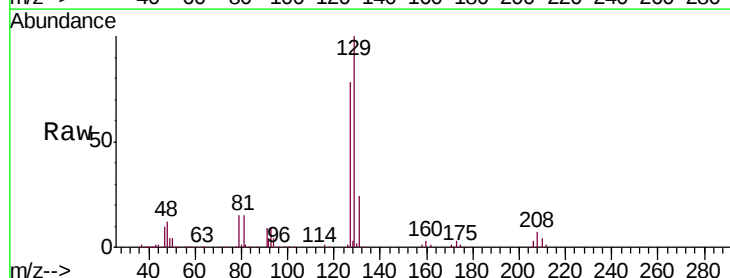
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

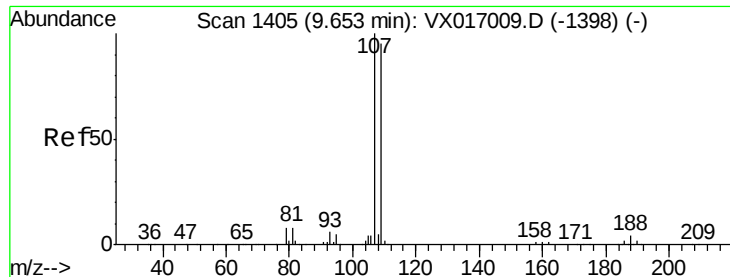
Tgt Ion: 43 Resp: 892292
Ion Ratio Lower Upper
43 100
58 55.4 27.9 83.6



#60
Dibromochloromethane
Concen: 58.060 ug/l
RT: 9.57 min Scan# 1391
Delta R.T. -0.00 min
Lab File: VX017294.D
Acq: 09 Jul 2020 06:14

Tgt Ion: 129 Resp: 201539
Ion Ratio Lower Upper
129 100
127 76.9 38.9 116.7





#61

1,2-Dibromoethane

Concen: 56.019 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. -0.00 min

Lab File: VX017294.D

Acq: 09 Jul 2020 06:14

Instrument :

MSVOA_X

ClientSampleId :

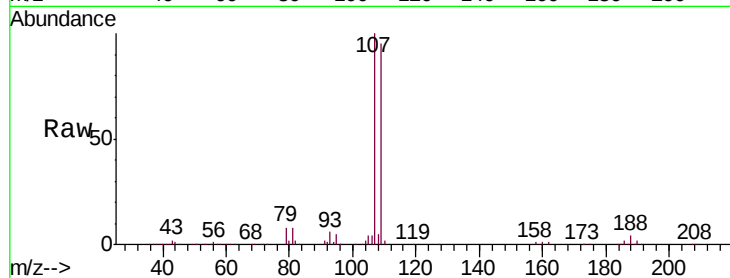
VSTDCCC050EC

Tgt Ion: 107 Resp: 179961

Ion Ratio Lower Upper

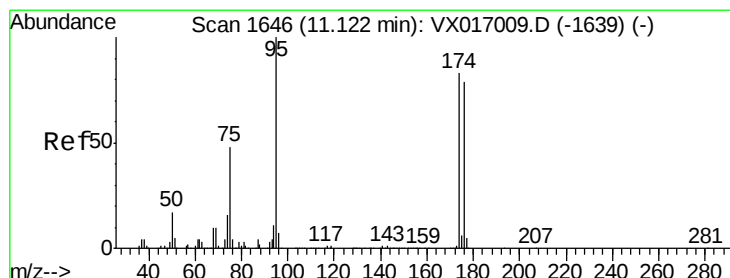
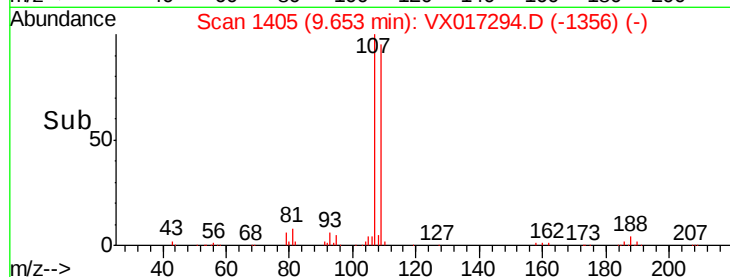
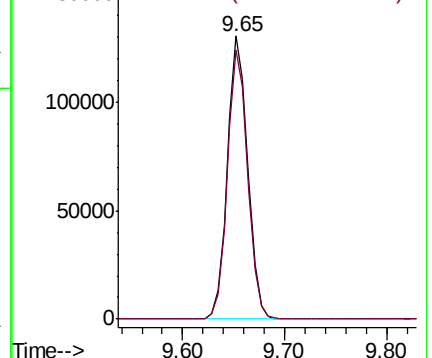
107 100

109 95.1 75.8 113.8



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 53.614 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX017294.D

Acq: 09 Jul 2020 06:14

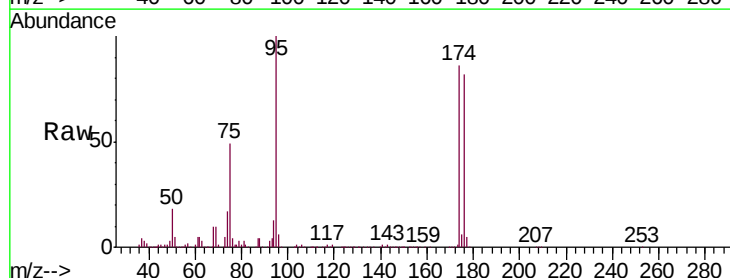
Tgt Ion: 95 Resp: 206838

Ion Ratio Lower Upper

95 100

174 82.8 0.0 164.0

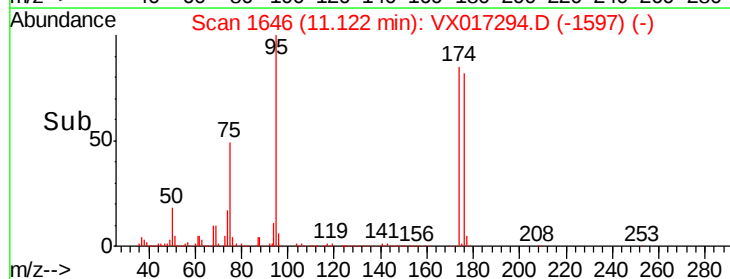
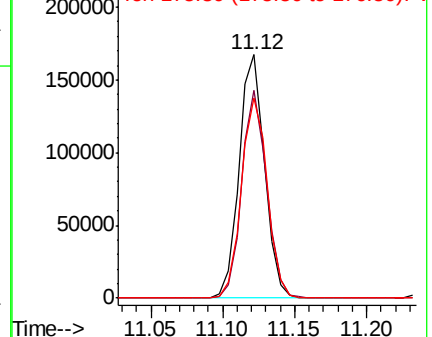
176 83.1 0.0 157.6

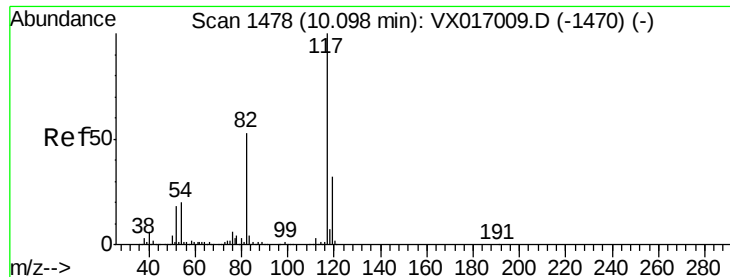


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

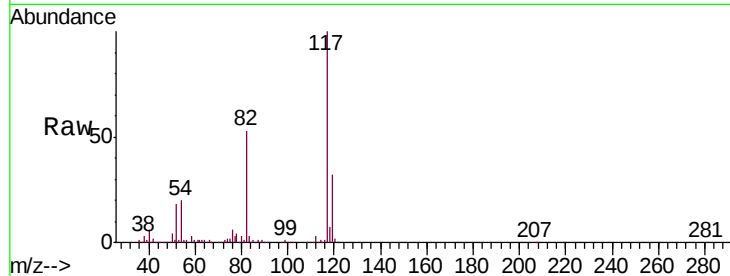




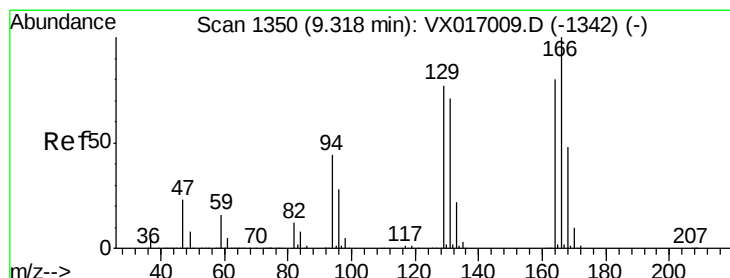
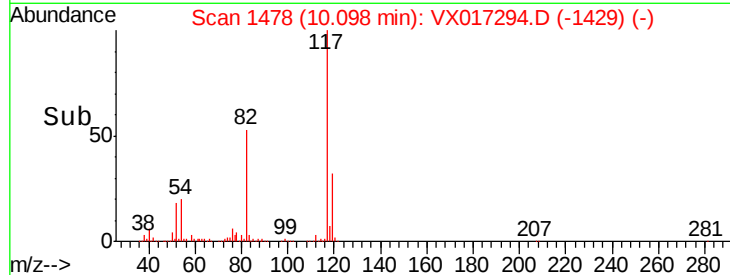
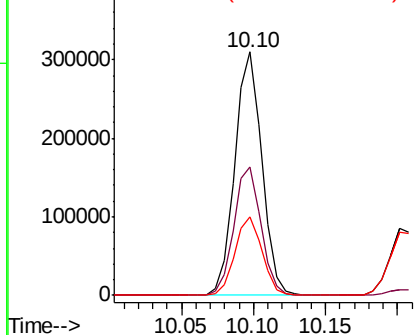
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX017294.D
Acq: 09 Jul 2020 06:14

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:117 Resp: 406819
Ion Ratio Lower Upper
117 100
82 52.8 42.6 63.8
119 32.4 25.4 38.2

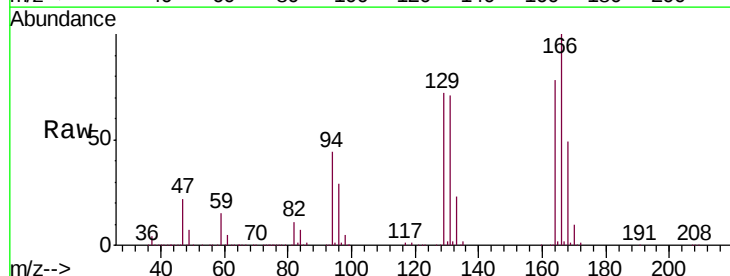


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

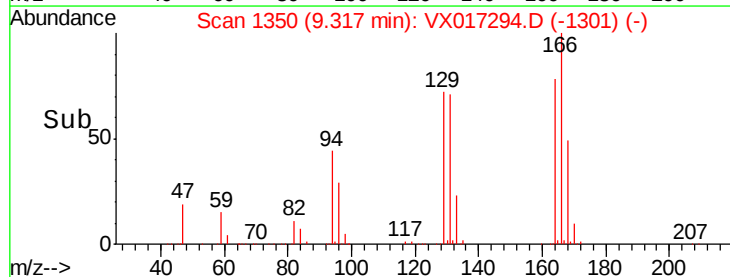
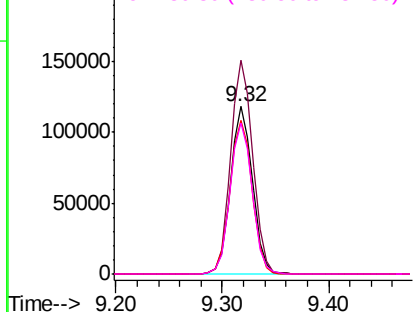


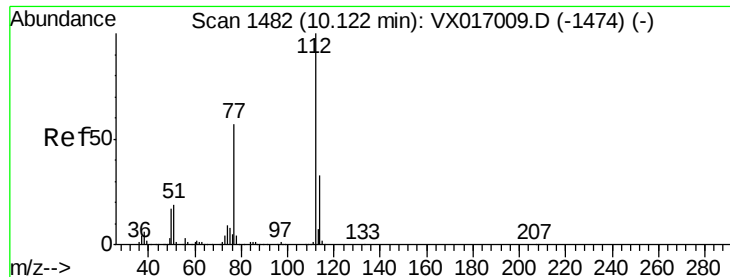
#64
Tetrachloroethene
Concen: 51.817 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX017294.D
Acq: 09 Jul 2020 06:14

Tgt Ion:164 Resp: 170130
Ion Ratio Lower Upper
164 100
166 127.8 99.4 149.0
129 91.7 76.3 114.5
131 90.2 70.6 105.8



Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V





#65

Chlorobenzene

Concen: 51.592 ug/l

RT: 10.12 min Scan# 1482

Delta R.T. -0.00 min

Lab File: VX017294.D

Acq: 09 Jul 2020 06:14

Instrument :

MSVOA_X

ClientSampleId :

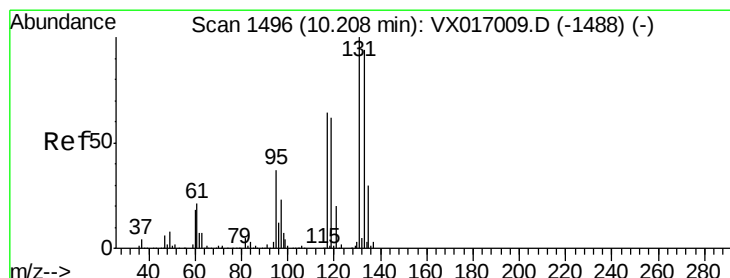
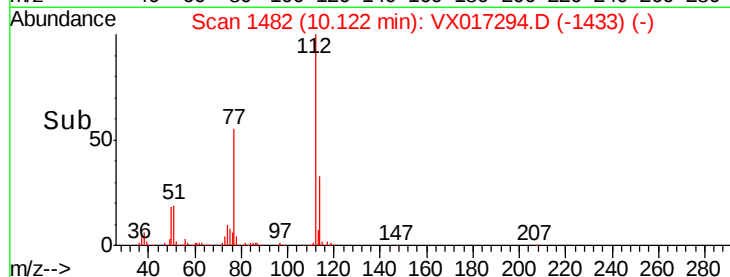
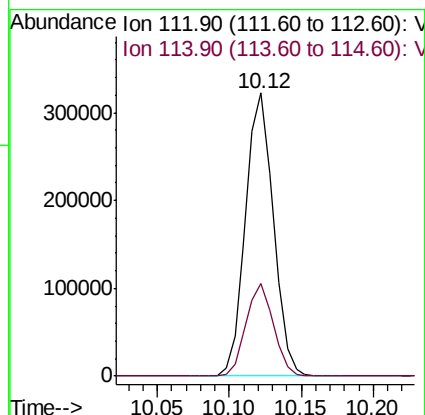
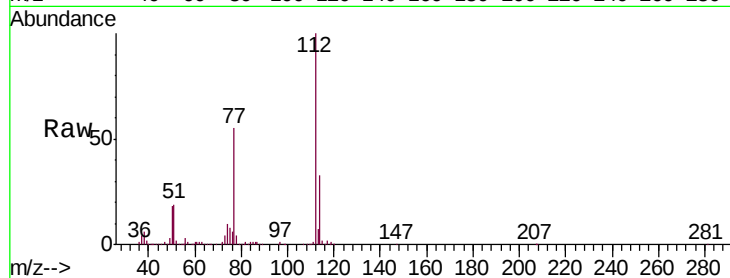
VSTDCCC050EC

Tgt Ion:112 Resp: 433190

Ion Ratio Lower Upper

112 100

114 32.8 26.2 39.4



#66

1,1,1,2-Tetrachloroethane

Concen: 55.222 ug/l

RT: 10.21 min Scan# 1496

Delta R.T. -0.00 min

Lab File: VX017294.D

Acq: 09 Jul 2020 06:14

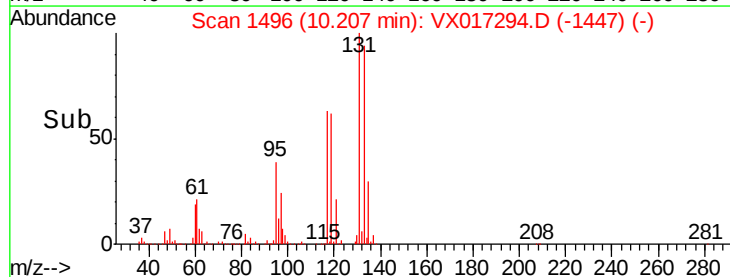
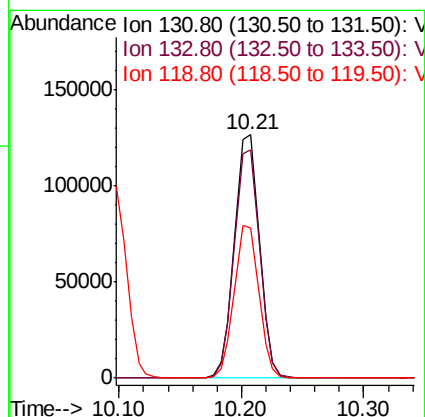
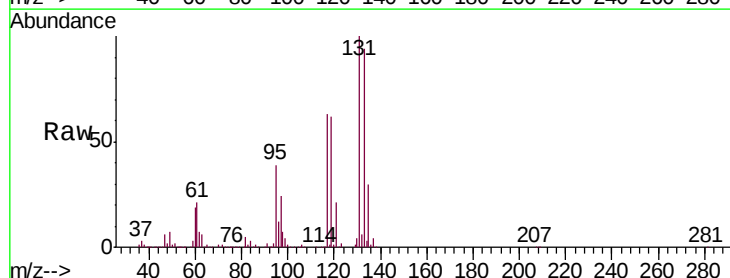
Tgt Ion:131 Resp: 178694

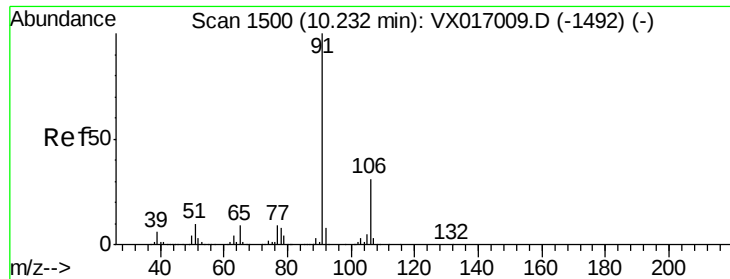
Ion Ratio Lower Upper

131 100

133 95.3 47.3 141.9

119 62.4 31.9 95.5





#67

Ethyl Benzene

Concen: 53.828 ug/l

RT: 10.23 min Scan# 1500

Delta R.T. -0.00 min

Lab File: VX017294.D

Acq: 09 Jul 2020 06:14

Instrument :

MSVOA_X

ClientSampleId :

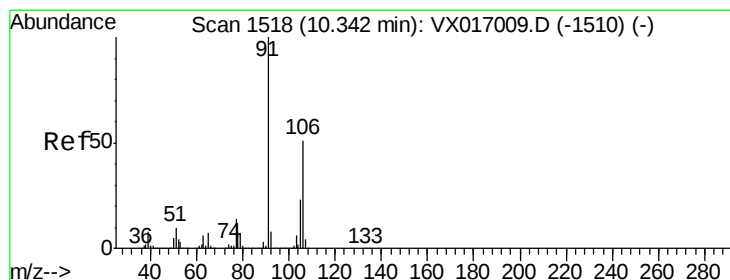
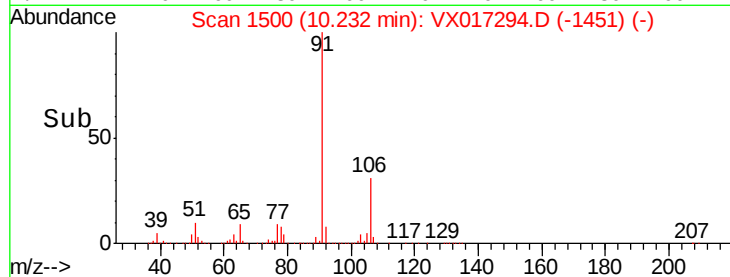
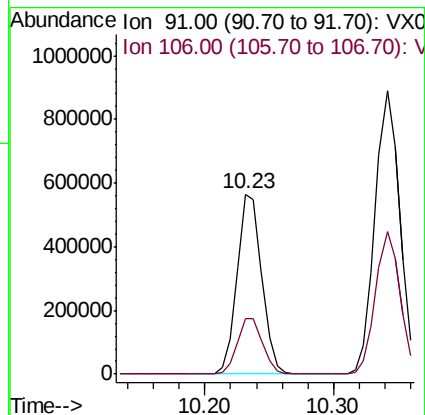
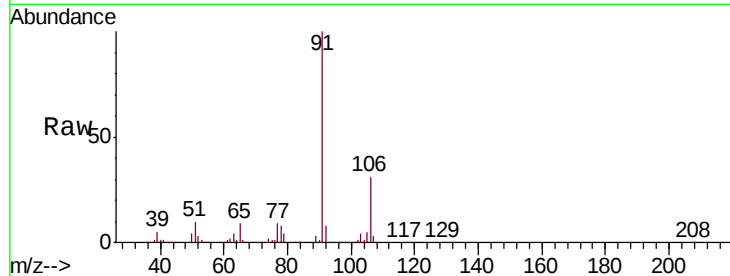
VSTDCCC050EC

Tgt Ion: 91 Resp: 754788

Ion Ratio Lower Upper

91 100

106 30.8 24.7 37.1



#68

m/p-Xylenes

Concen: 109.255 ug/l

RT: 10.34 min Scan# 1518

Delta R.T. -0.00 min

Lab File: VX017294.D

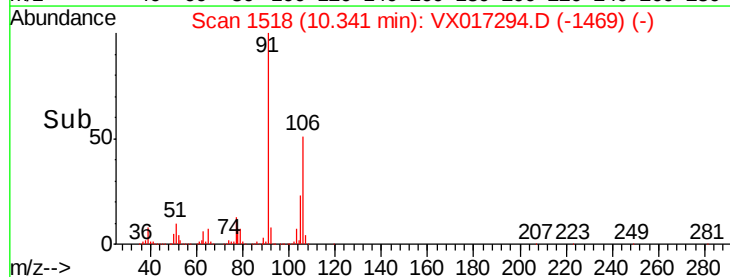
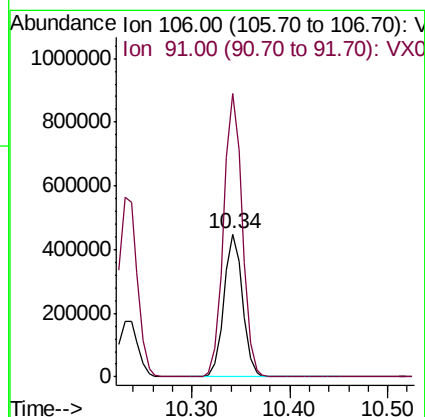
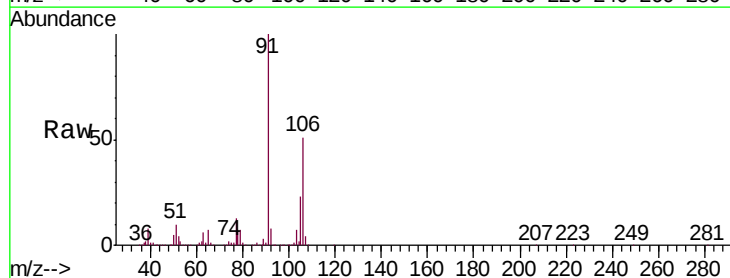
Acq: 09 Jul 2020 06:14

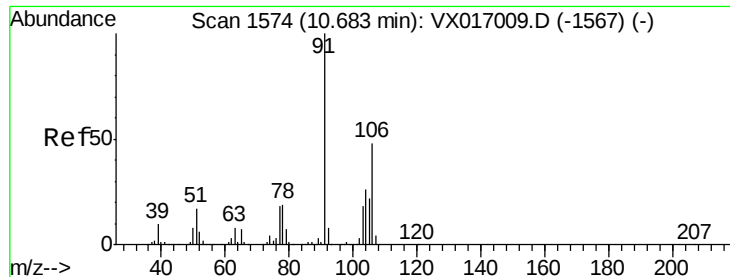
Tgt Ion: 106 Resp: 588238

Ion Ratio Lower Upper

106 100

91 200.2 158.6 238.0

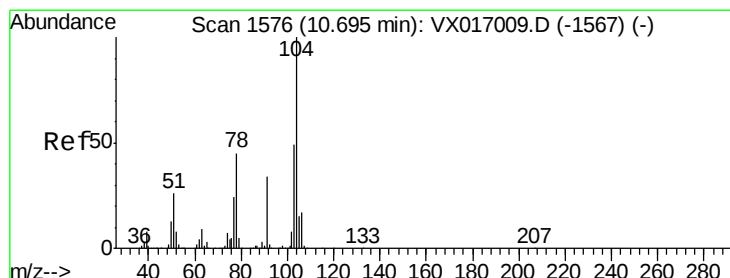
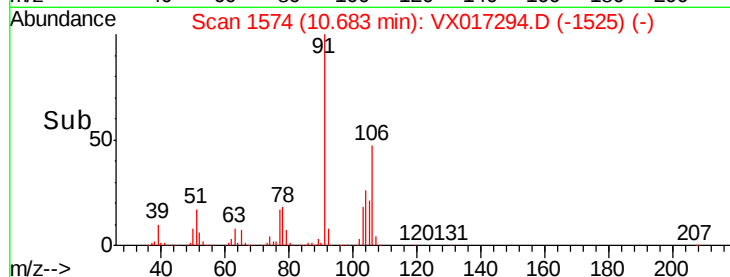
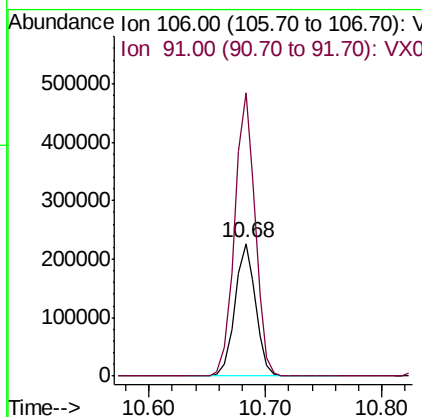
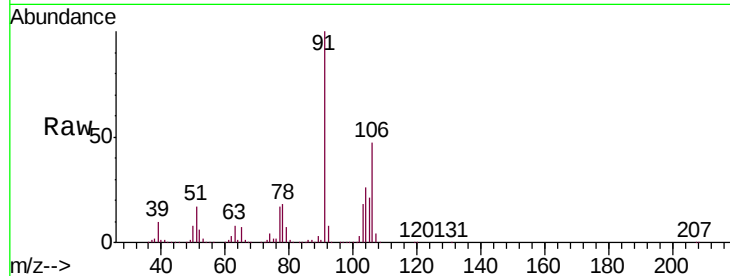




#69
o-Xylene
Concen: 54.534 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX017294.D
Acq: 09 Jul 2020 06:14

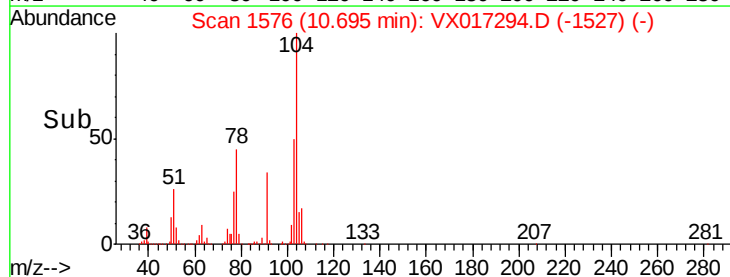
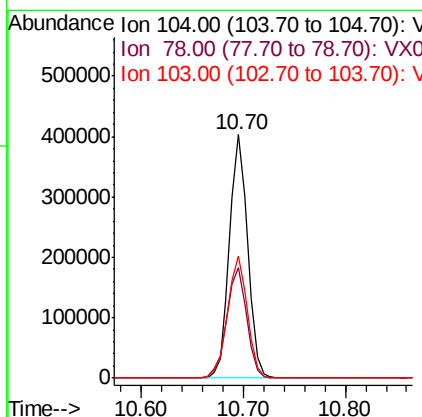
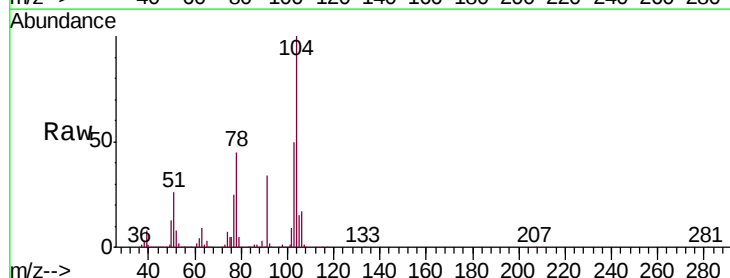
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

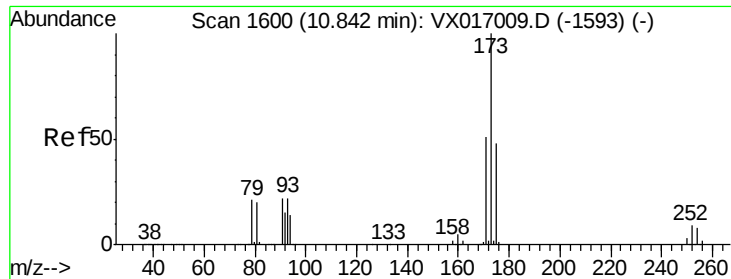
Tgt Ion:106 Resp: 279316
Ion Ratio Lower Upper
106 100
91 212.8 105.6 316.7



#70
Styrene
Concen: 56.859 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX017294.D
Acq: 09 Jul 2020 06:14

Tgt Ion:104 Resp: 495924
Ion Ratio Lower Upper
104 100
78 50.0 39.5 59.3
103 54.4 43.0 64.6





#71

Bromoform

Concen: 61.822 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VX017294.D

Acq: 09 Jul 2020 06:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

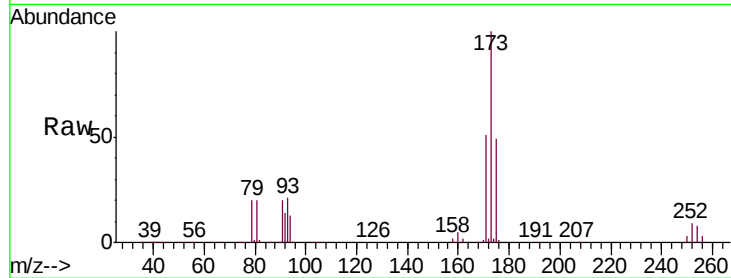
Tgt Ion:173 Resp: 158638

Ion Ratio Lower Upper

173 100

175 48.5 24.5 73.5

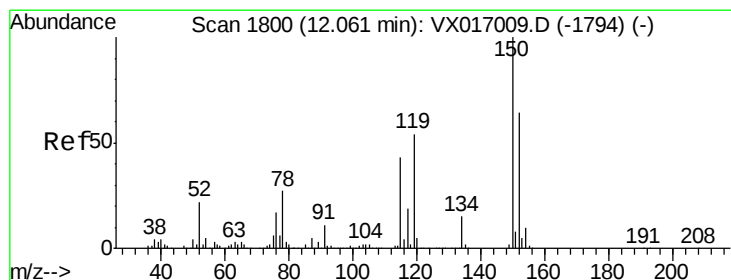
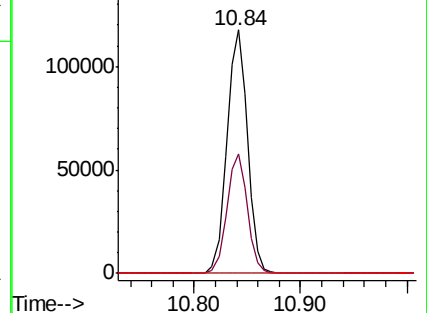
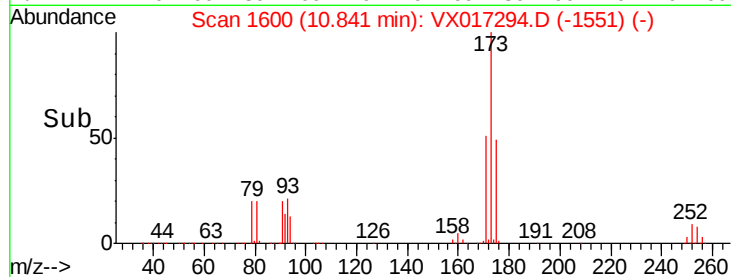
254 0.1 0.1 0.1



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VX017294.D

Acq: 09 Jul 2020 06:14

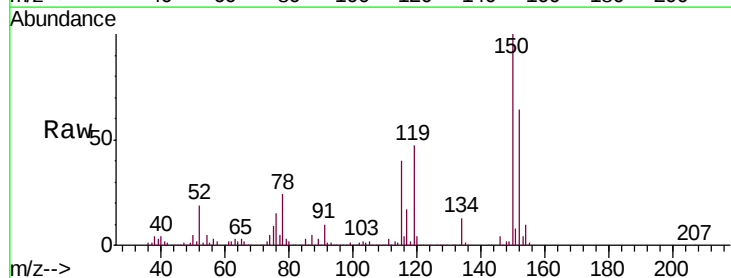
Tgt Ion:152 Resp: 233136

Ion Ratio Lower Upper

152 100

115 79.7 40.9 122.7

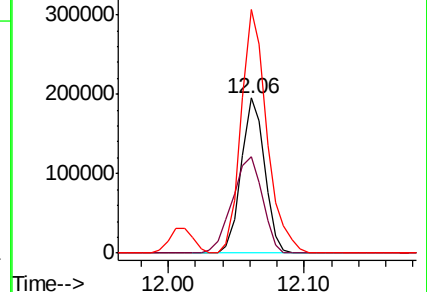
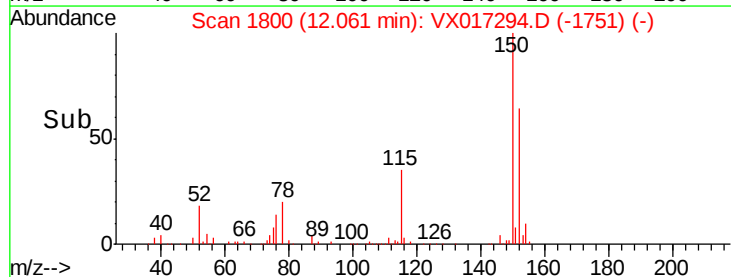
150 172.9 0.0 351.6

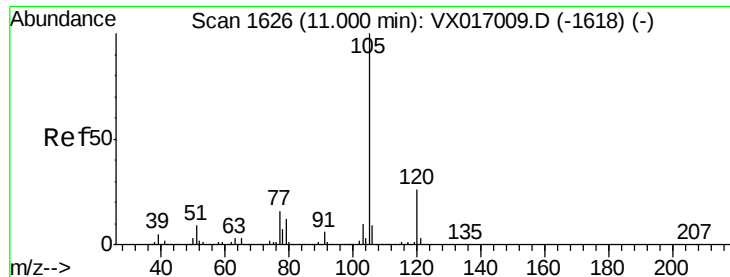


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 49.702 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.00 min

Lab File: VX017294.D

Acq: 09 Jul 2020 06:14

Instrument :

MSVOA_X

ClientSampleId :

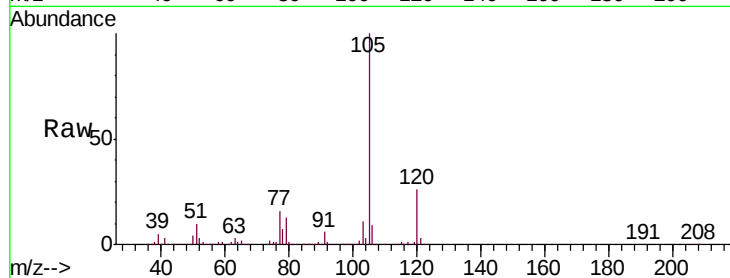
VSTDCCC050EC

Tgt Ion:105 Resp: 758986

Ion Ratio Lower Upper

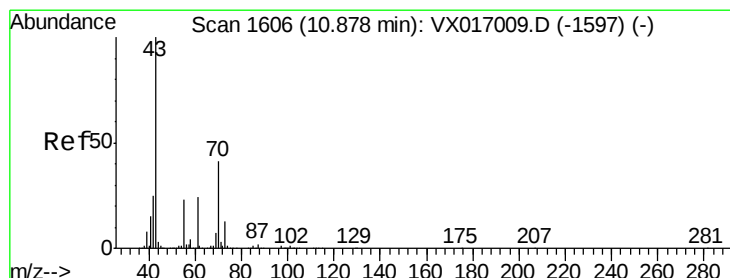
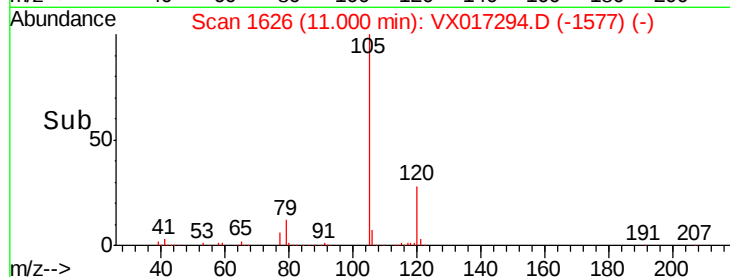
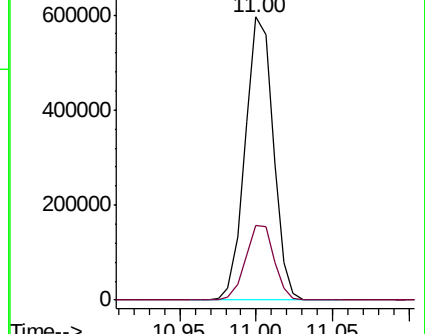
105 100

120 26.8 13.4 40.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 51.333 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. -0.00 min

Lab File: VX017294.D

Acq: 09 Jul 2020 06:14

Tgt Ion: 43 Resp: 334481

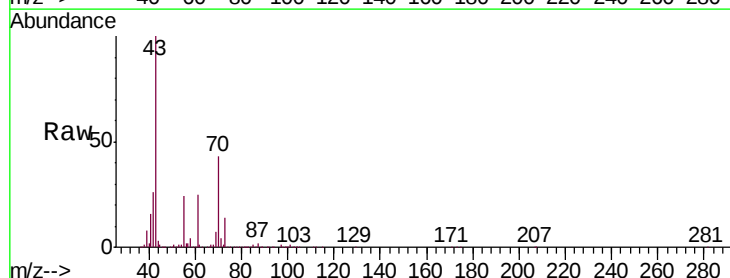
Ion Ratio Lower Upper

43 100

70 44.1 34.2 51.2

55 24.7 19.2 28.8

61 25.5 19.6 29.4

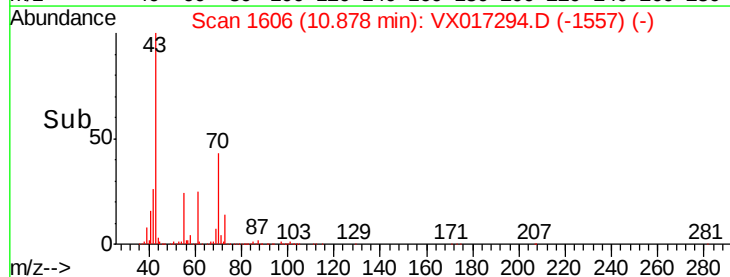
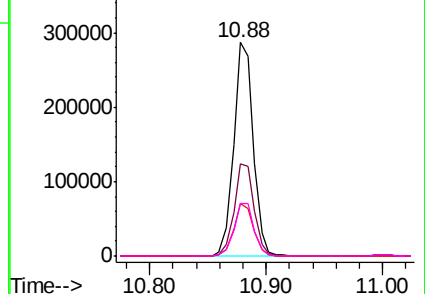


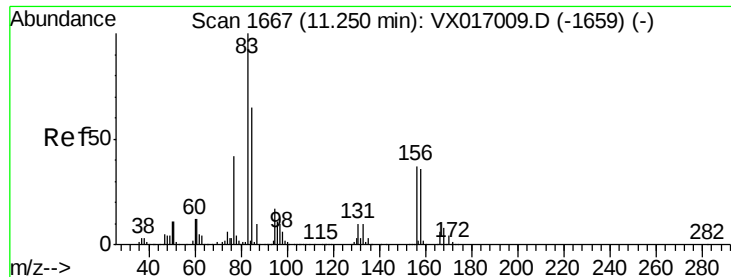
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 51.565 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. -0.00 min

Lab File: VX017294.D

Acq: 09 Jul 2020 06:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

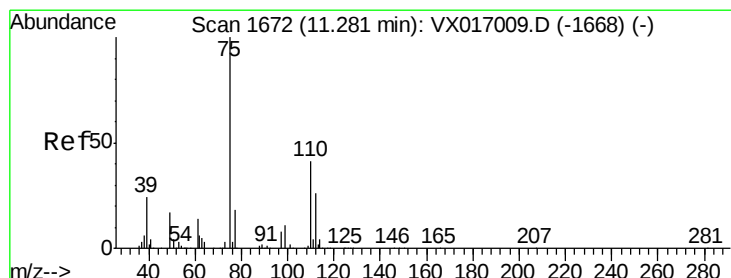
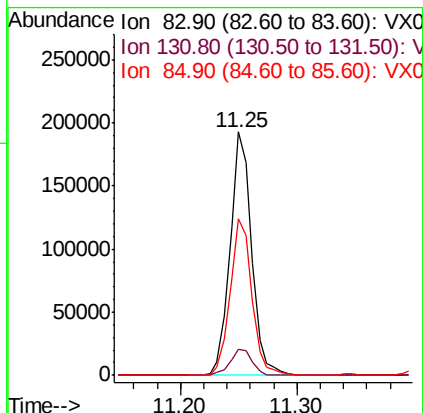
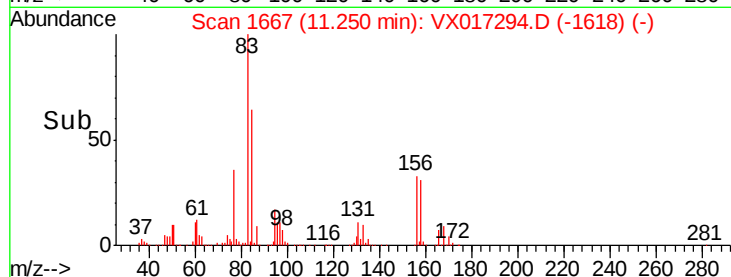
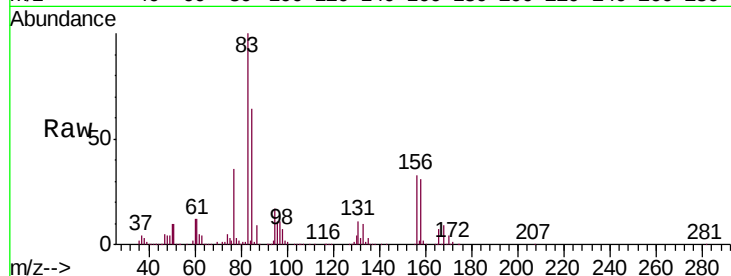
Tgt Ion: 83 Resp: 247692

Ion Ratio Lower Upper

83 100

131 11.1 5.4 16.2

85 65.1 31.9 95.9



#76

1,2,3-Trichloropropane

Concen: 64.923 ug/l

RT: 11.28 min Scan# 1672

Delta R.T. -0.00 min

Lab File: VX017294.D

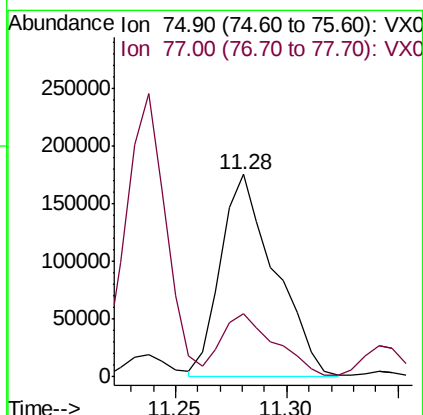
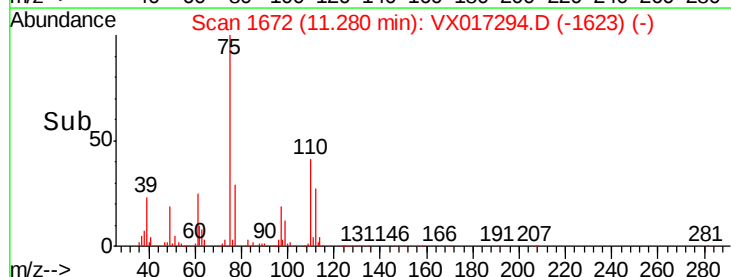
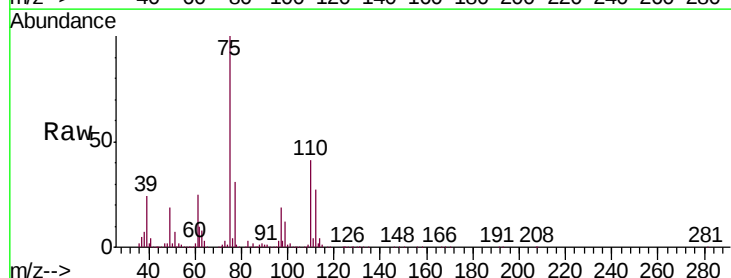
Acq: 09 Jul 2020 06:14

Tgt Ion: 75 Resp: 297638

Ion Ratio Lower Upper

75 100

77 31.3 20.2 60.6





#77

Bromobenzene

Concen: 50.197 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX017294.D

Acq: 09 Jul 2020 06:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

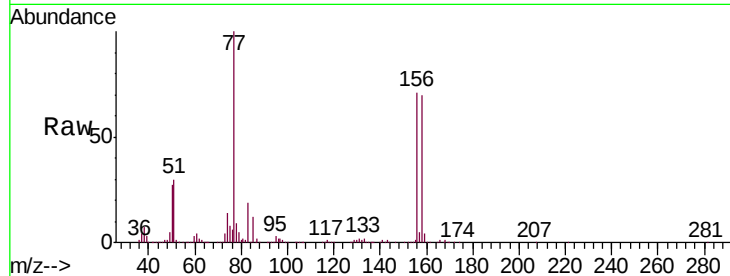
Tgt Ion:156 Resp: 210674

Ion Ratio Lower Upper

156 100

77 145.8 76.9 230.7

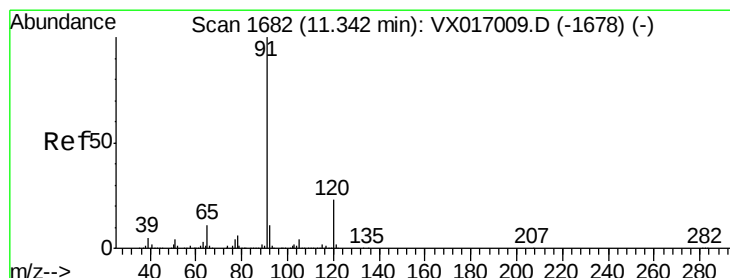
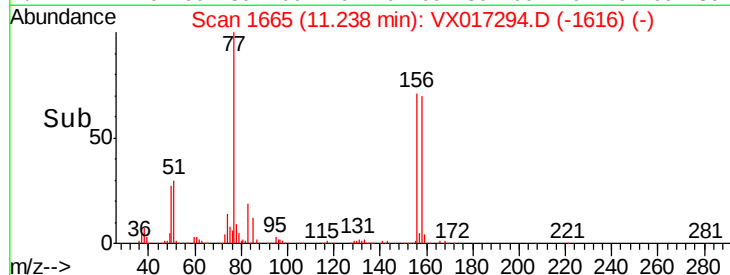
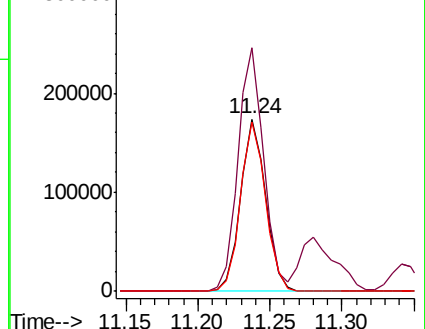
158 98.0 47.9 143.6



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 49.725 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. -0.00 min

Lab File: VX017294.D

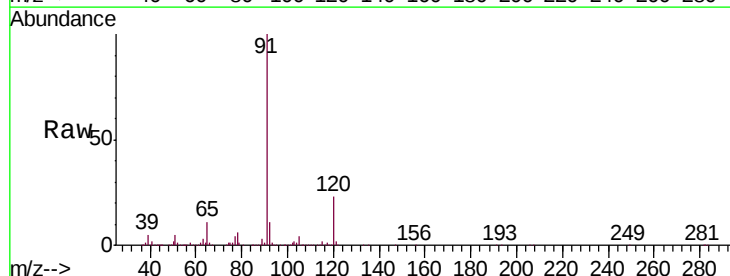
Acq: 09 Jul 2020 06:14

Tgt Ion: 91 Resp: 858674

Ion Ratio Lower Upper

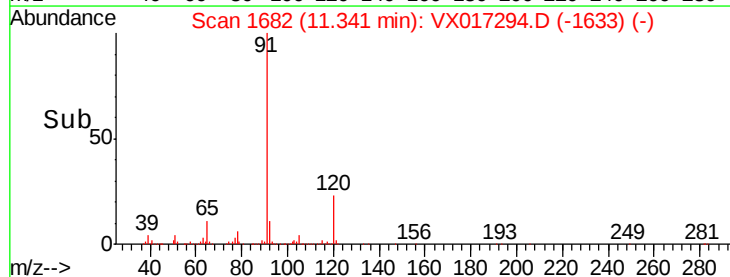
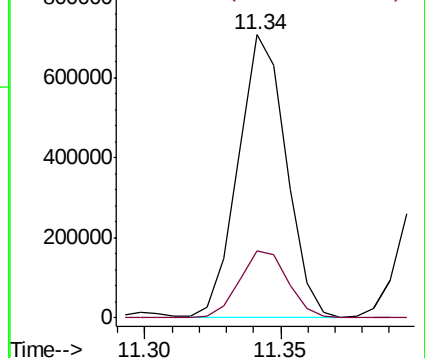
91 100

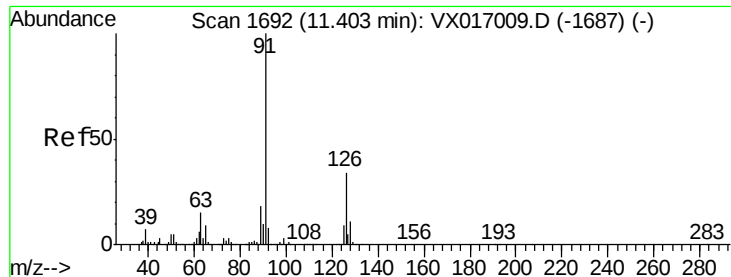
120 24.3 11.9 35.9



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

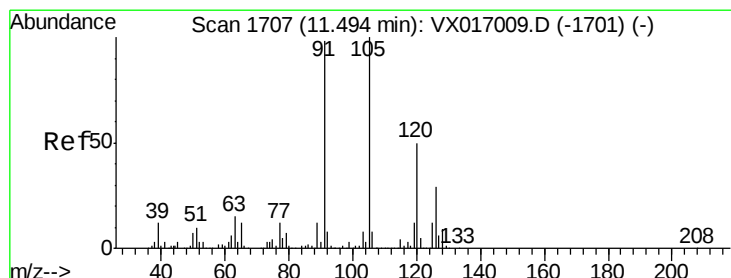
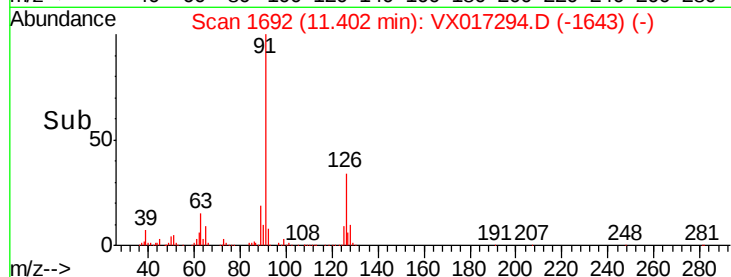
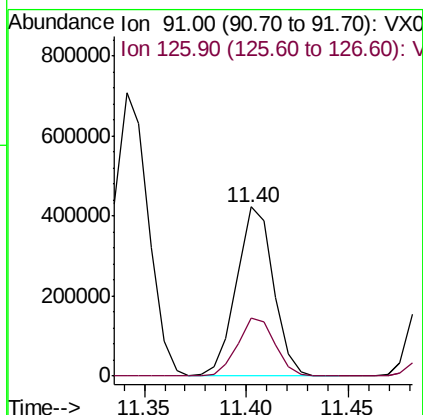
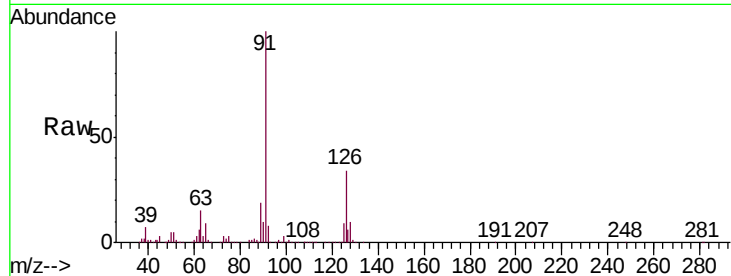




#79
2-Chlorotoluene
Concen: 50.715 ug/l
RT: 11.40 min Scan# 1692
Delta R.T. -0.00 min
Lab File: VX017294.D
Acq: 09 Jul 2020 06:14

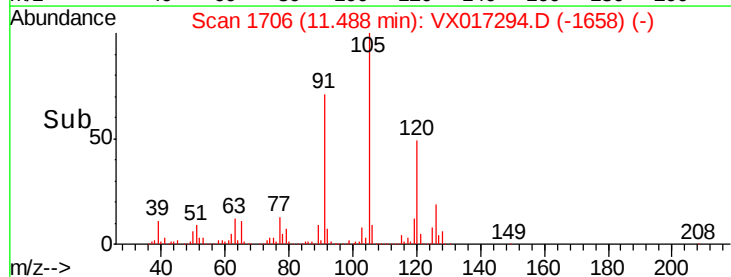
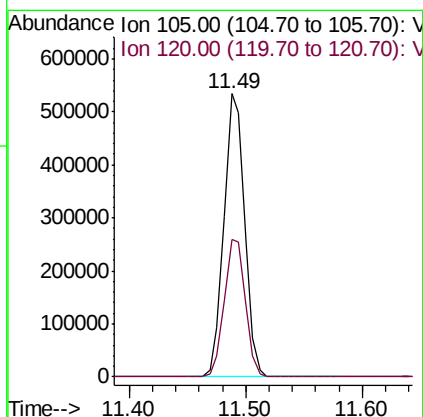
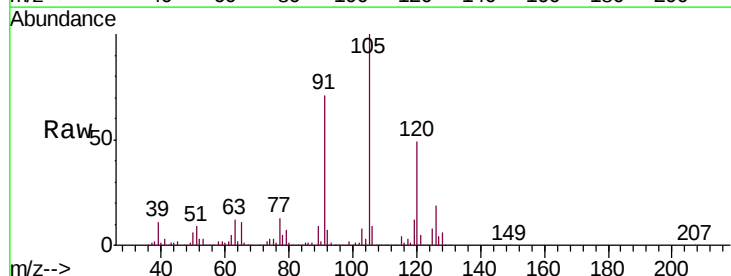
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

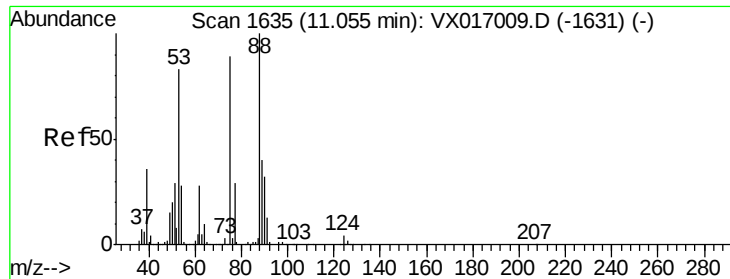
Tgt Ion: 91 Resp: 530034
Ion Ratio Lower Upper
91 100
126 35.0 17.4 52.3



#80
1,3,5-Trimethylbenzene
Concen: 51.538 ug/l
RT: 11.49 min Scan# 1706
Delta R.T. -0.01 min
Lab File: VX017294.D
Acq: 09 Jul 2020 06:14

Tgt Ion: 105 Resp: 652811
Ion Ratio Lower Upper
105 100
120 49.7 24.9 74.6





#81

trans-1,4-Dichloro-2-butene

Concen: 44.254 ug/l

RT: 11.06 min Scan# 1636

Delta R.T. 0.01 min

Lab File: VX017294.D

Acq: 09 Jul 2020 06:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

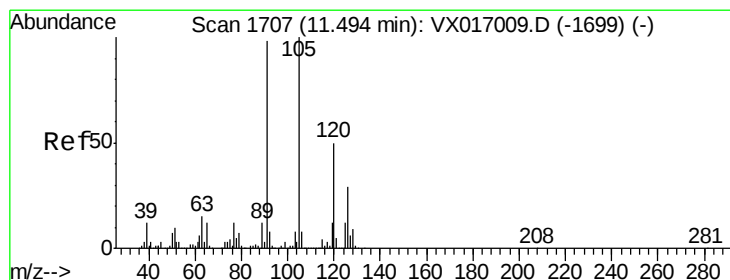
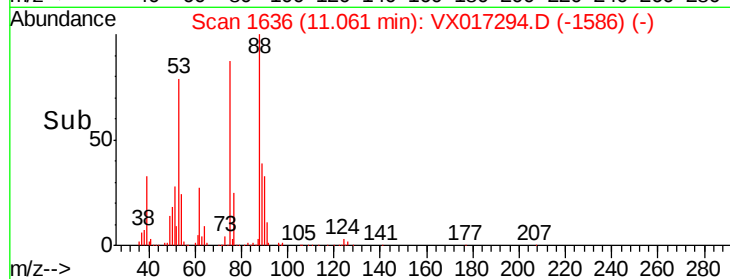
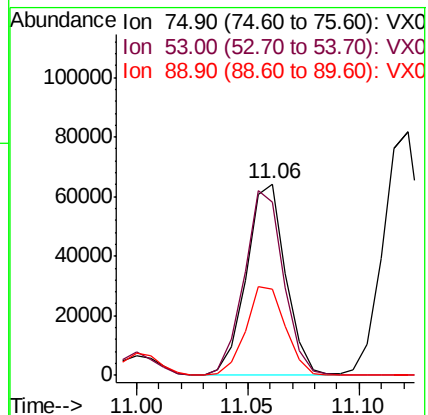
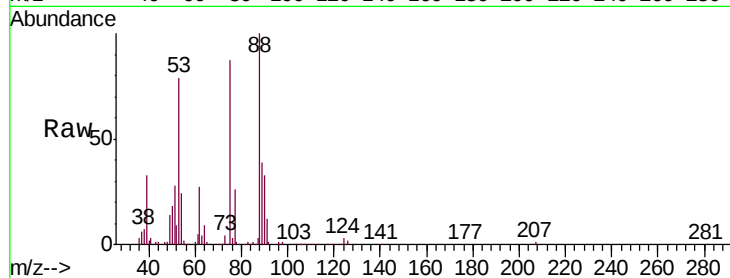
Tgt Ion: 75 Resp: 78344

Ion Ratio Lower Upper

75 100

53 97.0 72.4 108.6

89 47.4 37.0 55.4



#82

4-Chlorotoluene

Concen: 50.091 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX017294.D

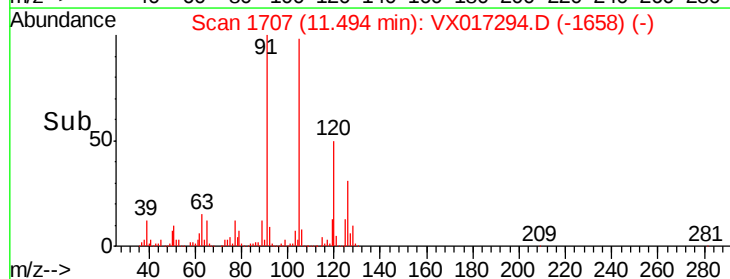
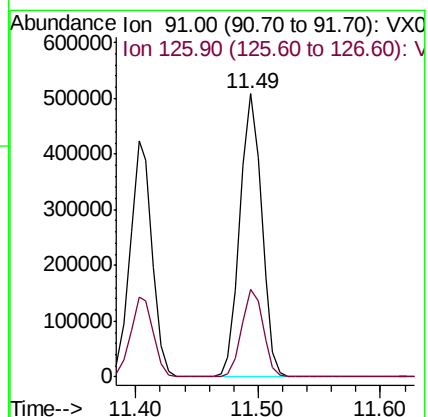
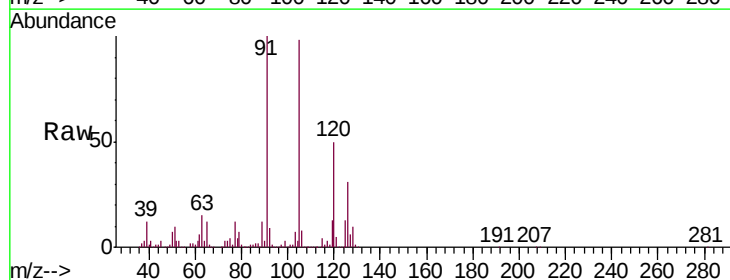
Acq: 09 Jul 2020 06:14

Tgt Ion: 91 Resp: 625822

Ion Ratio Lower Upper

91 100

126 30.5 15.2 45.5

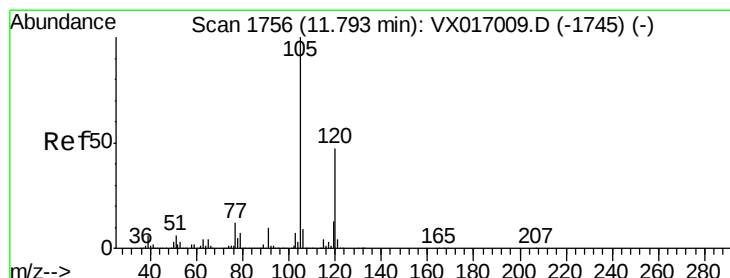
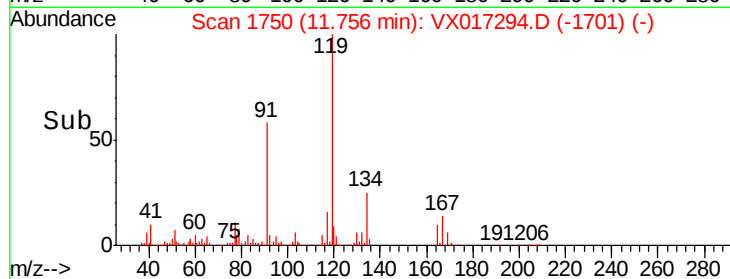
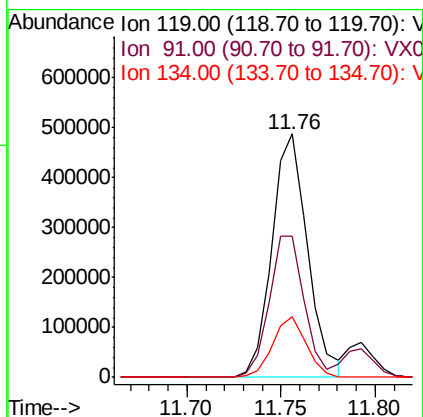
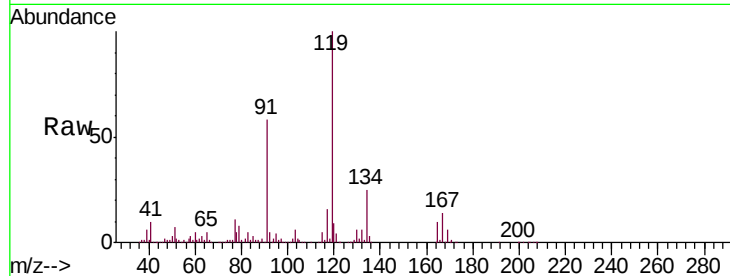




#83
 tert-Butylbenzene
 Concen: 51.455 ug/l
 RT: 11.76 min Scan# 1750
 Delta R.T. -0.00 min
 Lab File: VX017294.D
 Acq: 09 Jul 2020 06:14

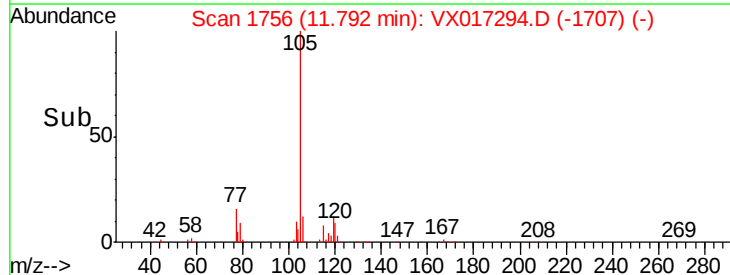
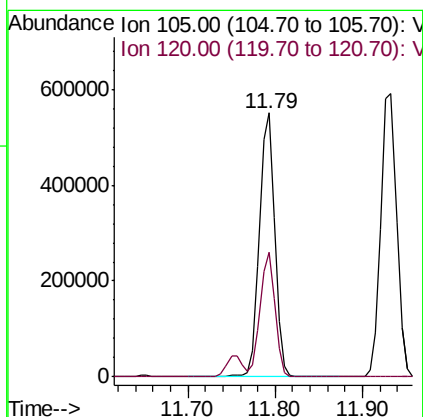
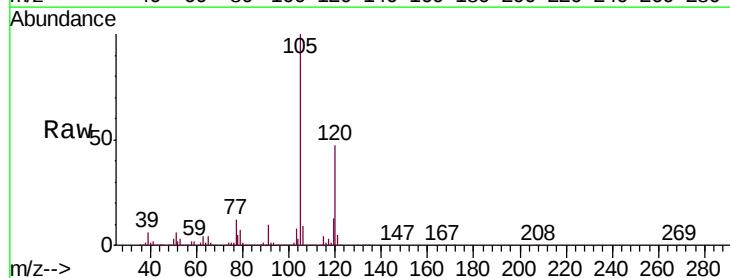
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

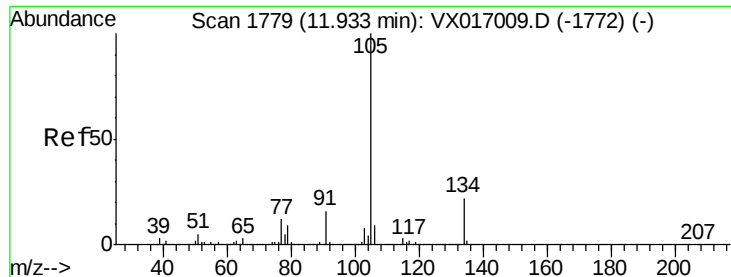
Tgt Ion	Ratio	Lower	Upper
119	100		
91	57.0	28.3	84.9
134	23.5	11.7	35.1



#84
 1,2,4-Trimethylbenzene
 Concen: 52.061 ug/l
 RT: 11.79 min Scan# 1756
 Delta R.T. -0.00 min
 Lab File: VX017294.D
 Acq: 09 Jul 2020 06:14

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.7	22.9	68.5

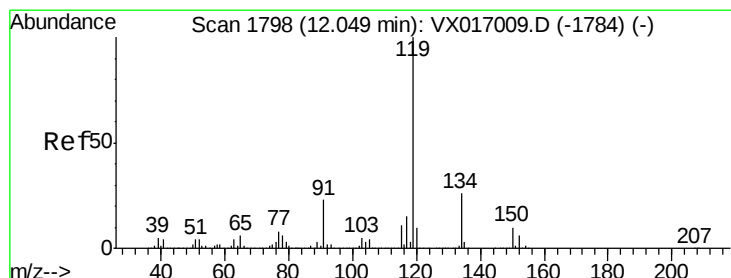
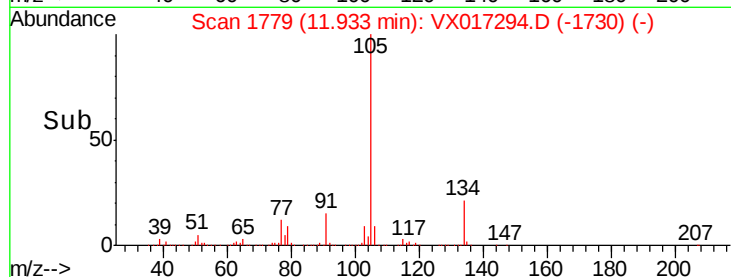
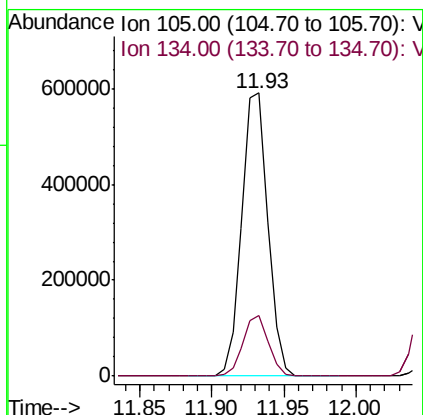
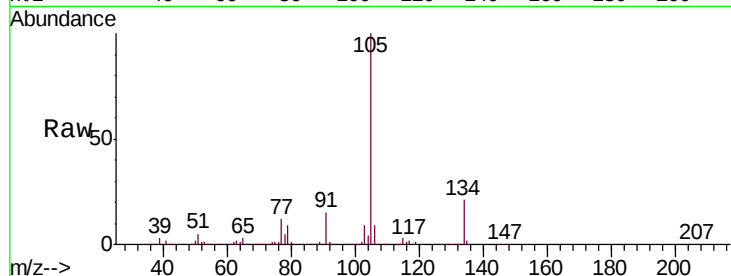




#85
 sec-Butylbenzene
 Concen: 50.927 ug/l
 RT: 11.93 min Scan# 1779
 Delta R.T. -0.00 min
 Lab File: VX017294.D
 Acq: 09 Jul 2020 06:14

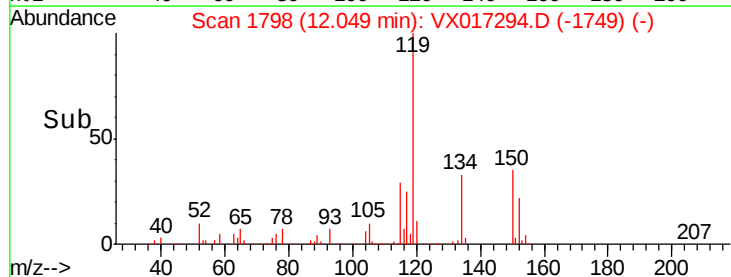
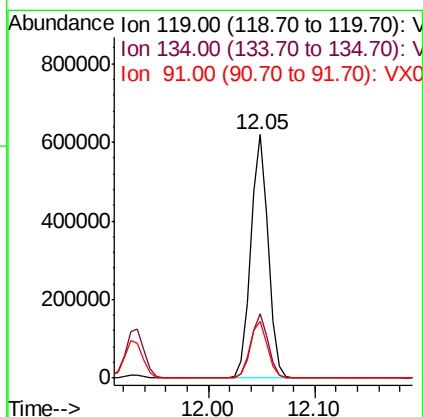
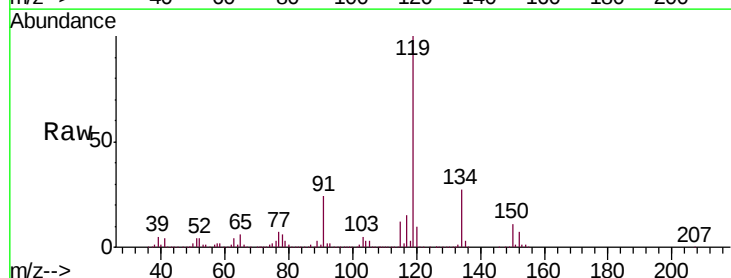
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

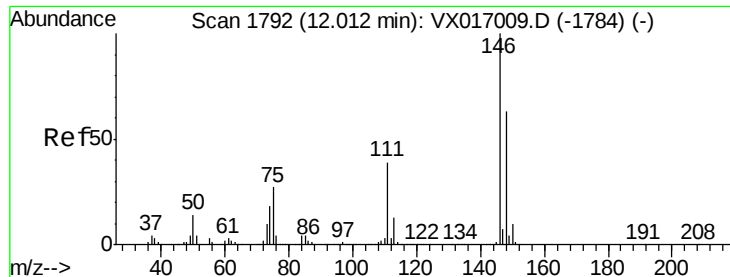
Tgt Ion:105 Resp: 744356
 Ion Ratio Lower Upper
 105 100
 134 20.8 10.5 31.6



#86
 p-Isopropyltoluene
 Concen: 51.950 ug/l
 RT: 12.05 min Scan# 1798
 Delta R.T. -0.00 min
 Lab File: VX017294.D
 Acq: 09 Jul 2020 06:14

Tgt Ion:119 Resp: 706858
 Ion Ratio Lower Upper
 119 100
 134 26.2 13.2 39.5
 91 23.9 11.8 35.4

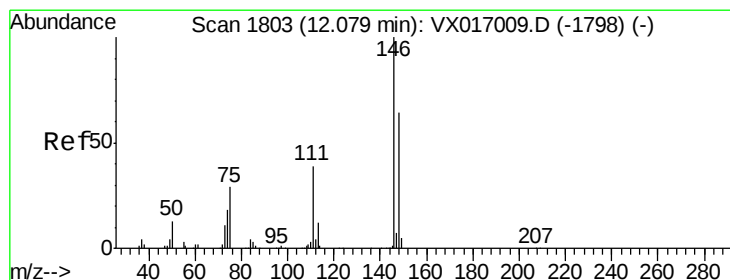
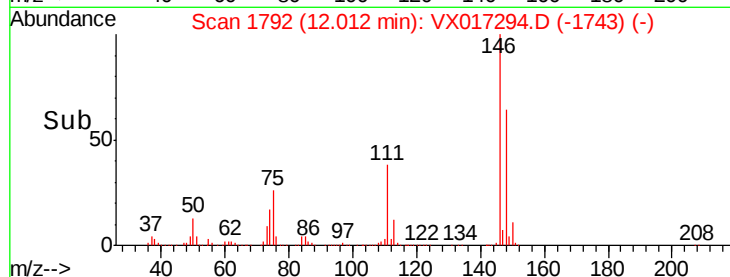
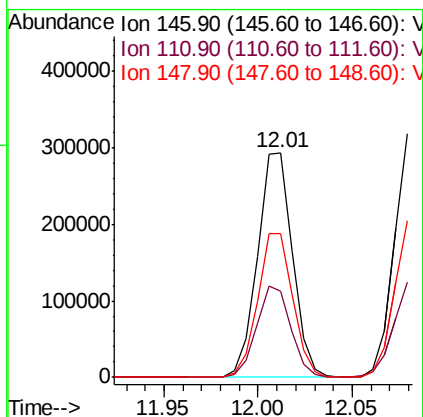
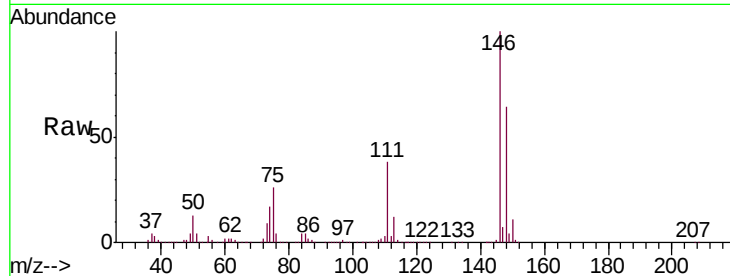




#87
 1,3-Dichlorobenzene
 Concen: 49.514 ug/l
 RT: 12.01 min Scan# 1792
 Delta R.T. -0.00 min
 Lab File: VX017294.D
 Acq: 09 Jul 2020 06:14

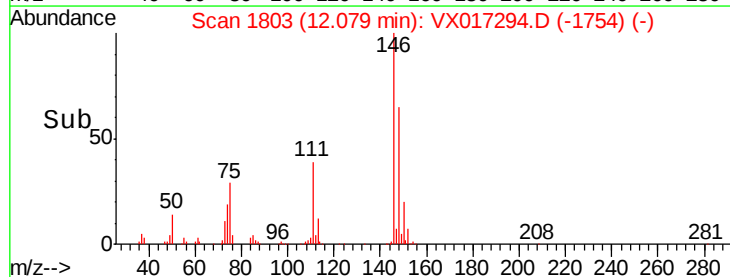
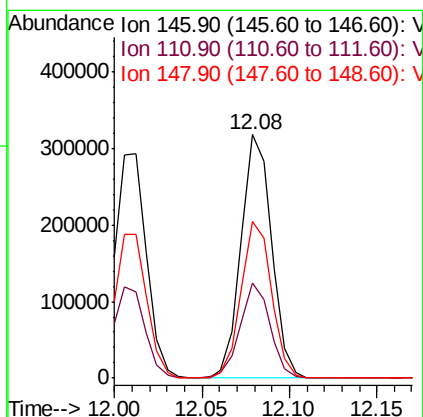
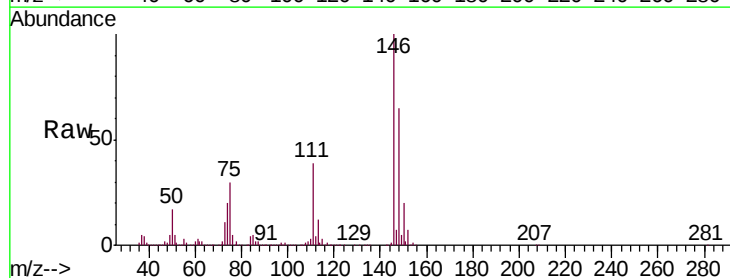
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

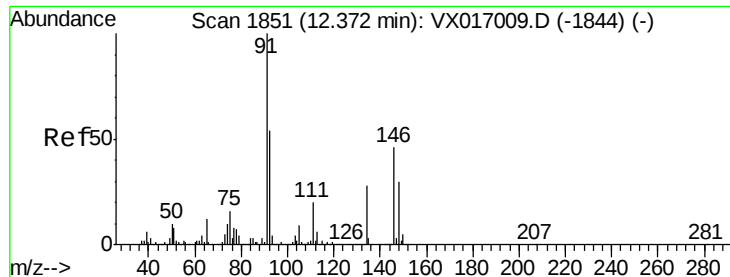
Tgt Ion:146 Resp: 377420
 Ion Ratio Lower Upper
 146 100
 111 39.9 20.4 61.2
 148 64.6 32.5 97.5



#88
 1,4-Dichlorobenzene
 Concen: 53.851 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. -0.00 min
 Lab File: VX017294.D
 Acq: 09 Jul 2020 06:14

Tgt Ion:146 Resp: 386994
 Ion Ratio Lower Upper
 146 100
 111 38.6 19.5 58.5
 148 64.2 31.9 95.7





#89

n-Butylbenzene

Concen: 47.403 ug/l

RT: 12.37 min Scan# 1851

Delta R.T. -0.00 min

Lab File: VX017294.D

Acq: 09 Jul 2020 06:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

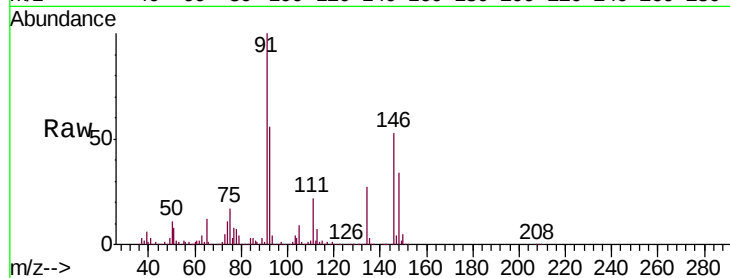
Tgt Ion: 91 Resp: 575912

Ion Ratio Lower Upper

91 100

92 54.6 27.2 81.6

134 27.6 13.6 40.7

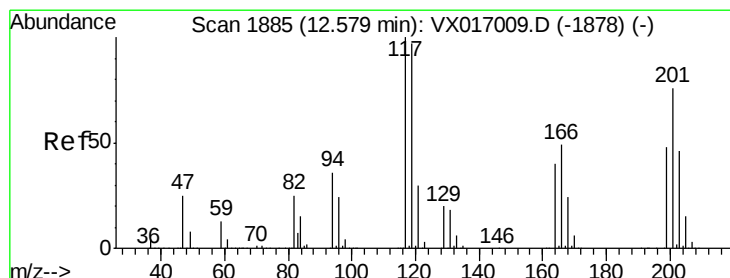
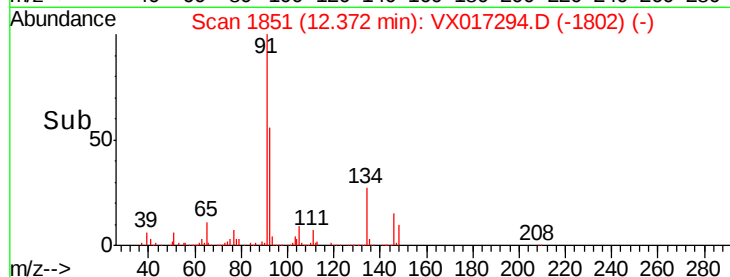


Abundance Ion 91.00 (90.70 to 91.70): VX017009.D (-1844) (-)

Ion 92.00 (91.70 to 92.70): VX017009.D (-1844) (-)

Ion 134.00 (133.70 to 134.70): VX017009.D (-1844) (-)

Time-->



#90

Hexachloroethane

Concen: 51.194 ug/l

RT: 12.58 min Scan# 1885

Delta R.T. -0.00 min

Lab File: VX017294.D

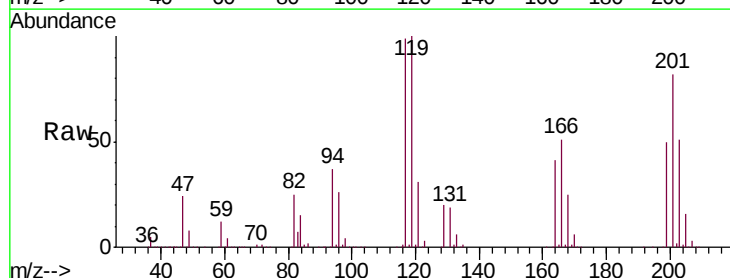
Acq: 09 Jul 2020 06:14

Tgt Ion: 117 Resp: 137364

Ion Ratio Lower Upper

117 100

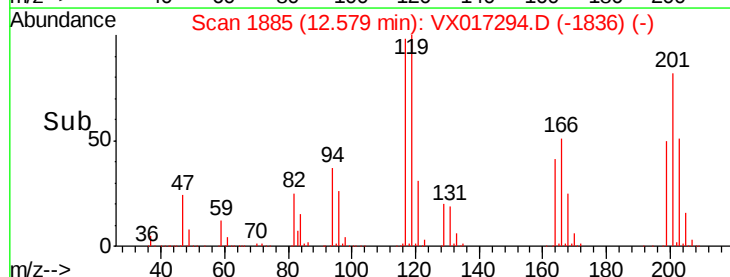
201 81.5 39.4 118.2

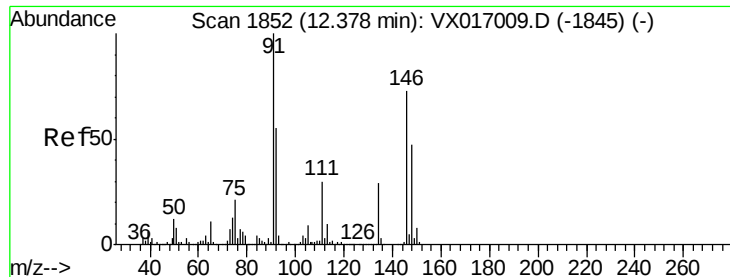


Abundance Ion 116.80 (116.50 to 117.50): VX017009.D (-1878) (-)

Ion 200.70 (200.40 to 201.40): VX017009.D (-1878) (-)

Time-->

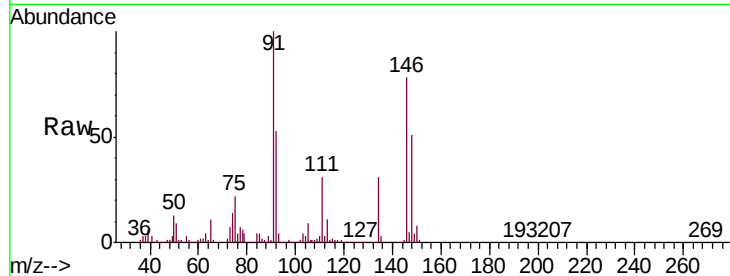




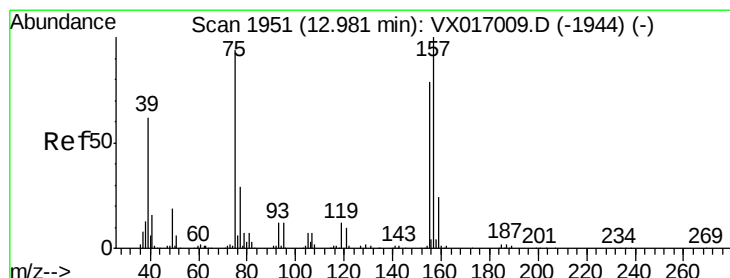
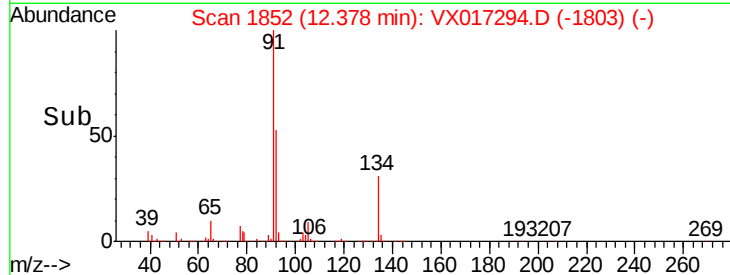
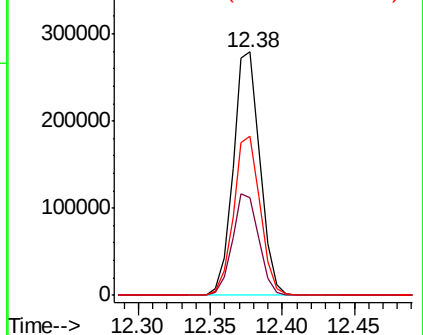
#91
 1,2-Dichlorobenzene
 Concen: 50.953 ug/l
 RT: 12.38 min Scan# 1852
 Delta R.T. -0.00 min
 Lab File: VX017294.D
 Acq: 09 Jul 2020 06:14

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 146 Resp: 363042
 Ion Ratio Lower Upper
 146 100
 111 41.3 20.6 61.9
 148 64.8 32.4 97.2

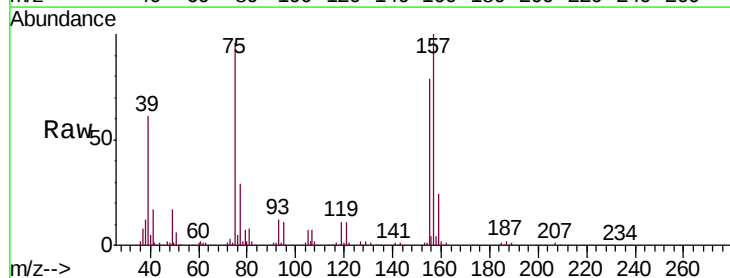


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

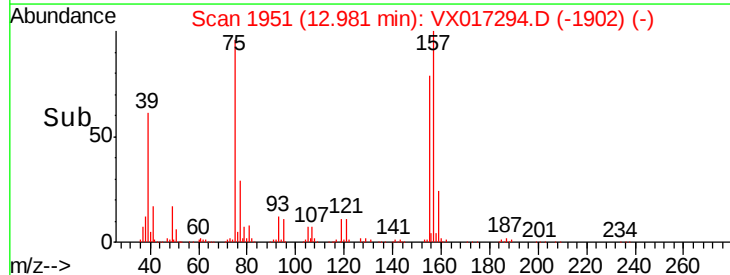
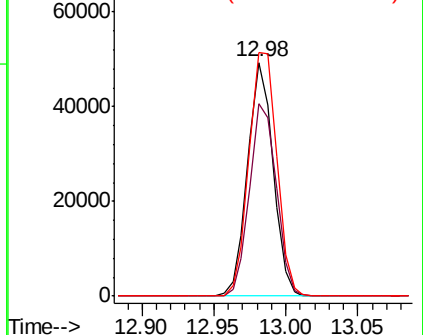


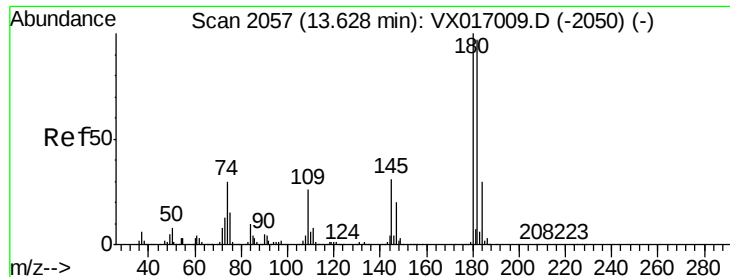
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 52.525 ug/l
 RT: 12.98 min Scan# 1951
 Delta R.T. -0.00 min
 Lab File: VX017294.D
 Acq: 09 Jul 2020 06:14

Tgt Ion: 75 Resp: 60188
 Ion Ratio Lower Upper
 75 100
 155 86.4 45.1 135.2
 157 114.3 56.5 169.3



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

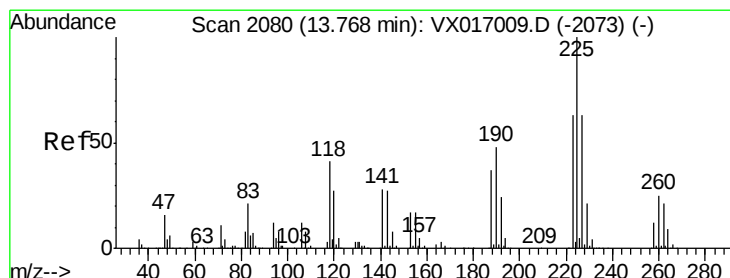
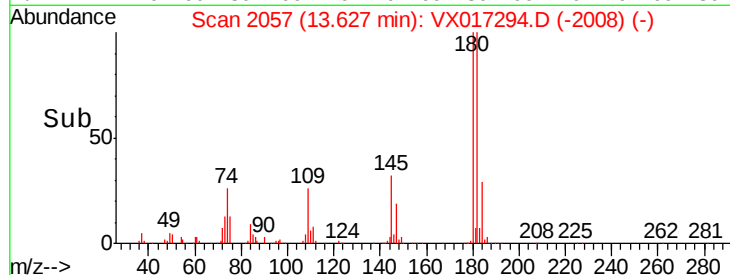
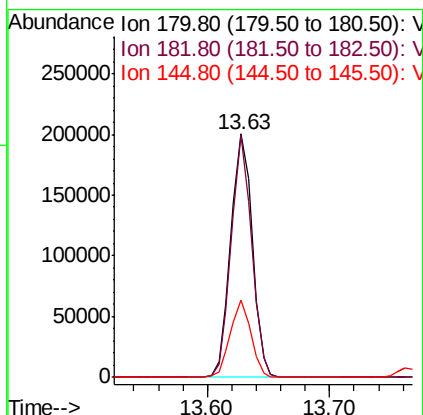
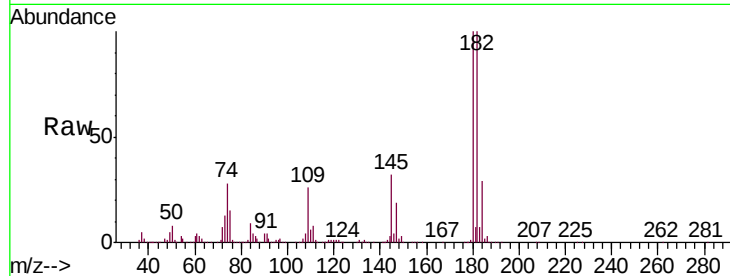




#93
 1,2,4-Trichlorobenzene
 Concen: 49.795 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. -0.00 min
 Lab File: VX017294.D
 Acq: 09 Jul 2020 06:14

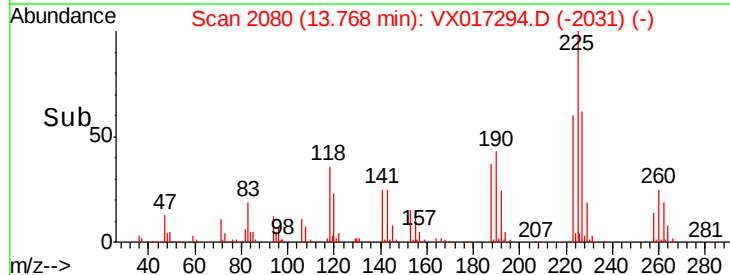
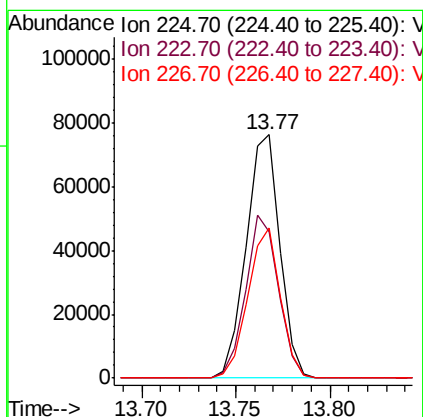
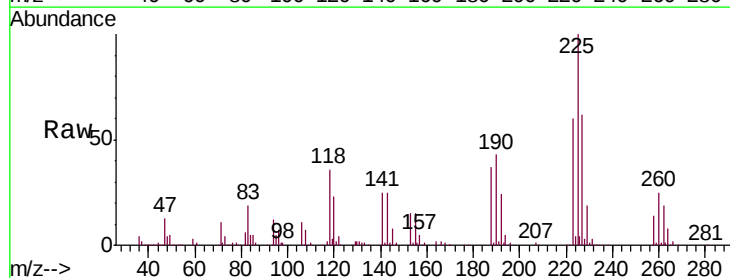
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

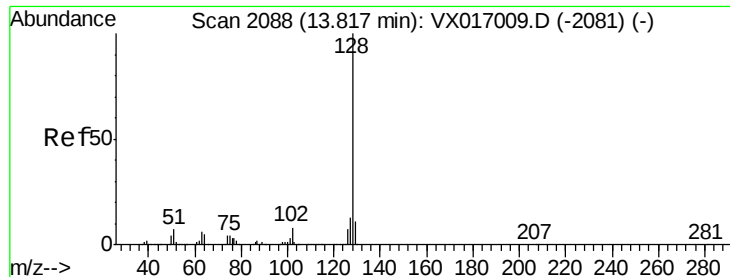
Tgt Ion:180 Resp: 242164
 Ion Ratio Lower Upper
 180 100
 182 94.8 47.3 141.9
 145 30.8 15.4 46.2



#94
 Hexachlorobutadiene
 Concen: 51.261 ug/l
 RT: 13.77 min Scan# 2080
 Delta R.T. 0.00 min
 Lab File: VX017294.D
 Acq: 09 Jul 2020 06:14

Tgt Ion:225 Resp: 94651
 Ion Ratio Lower Upper
 225 100
 223 65.3 32.5 97.5
 227 59.4 33.1 99.2





#95

Naphthalene

Concen: 53.617 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. -0.00 min

Lab File: VX017294.D

Acq: 09 Jul 2020 06:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

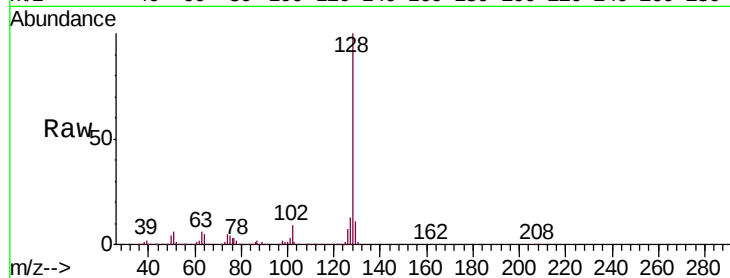
Tgt Ion:128 Resp: 792726

Ion Ratio Lower Upper

128 100

127 12.7 10.2 15.4

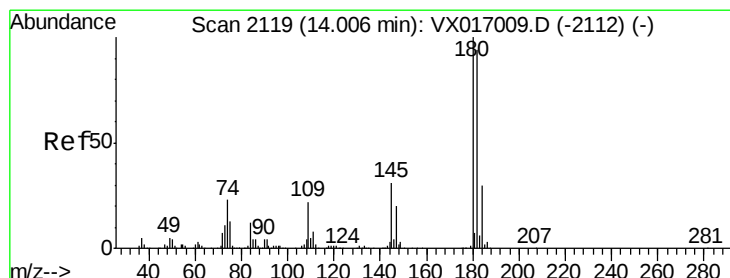
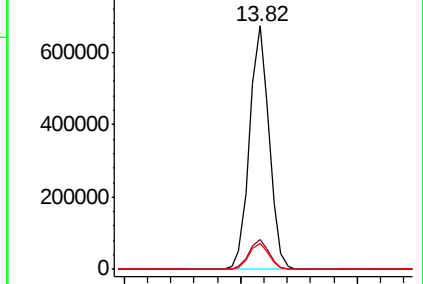
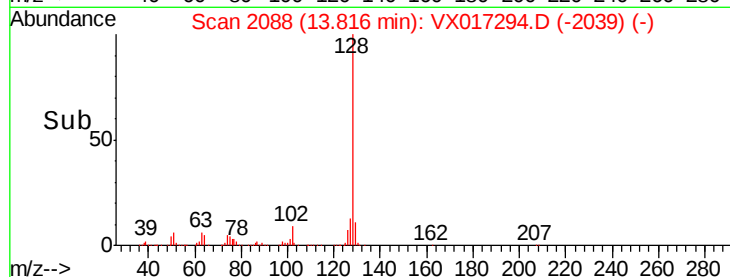
129 10.9 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 52.354 ug/l

RT: 14.00 min Scan# 2118

Delta R.T. -0.01 min

Lab File: VX017294.D

Acq: 09 Jul 2020 06:14

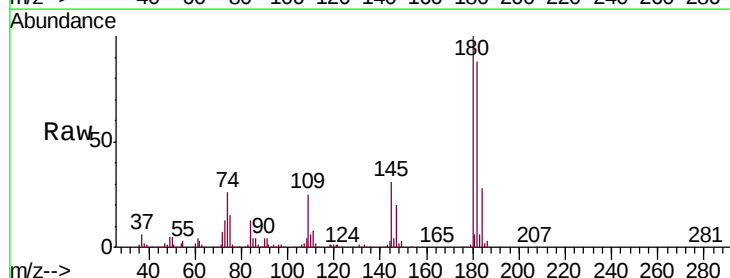
Tgt Ion:180 Resp: 246397

Ion Ratio Lower Upper

180 100

182 93.0 47.1 141.4

145 31.7 16.6 49.7



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

