

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX091620\
 Data File : VX018429.D
 Acq On : 16 Sep 2020 10:01
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: Sep 23 05:53:48 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082120W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 21 03:03:56 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	414487	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.82	114	628564	50.00	ug/l	-0.01
63) Chlorobenzene-d5	10.10	117	594792	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	335693	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	279081	48.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.00%	
35) Dibromofluoromethane	5.46	113	216844	50.65	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	101.30%	
50) Toluene-d8	8.70	98	743864	46.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.30%	
62) 4-Bromofluorobenzene	11.12	95	316005	50.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.74%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.18	85	229979	45.572	ug/l	98
3) Chloromethane	1.31	50	218922	41.148	ug/l	97
4) Vinyl Chloride	1.39	62	232996	43.993	ug/l	100
5) Bromomethane	1.62	94	151213	59.194	ug/l	97
6) Chloroethane	1.71	64	139760	49.132	ug/l	100
7) Trichlorofluoromethane	1.92	101	403657	55.895	ug/l	92
8) Diethyl Ether	2.17	74	126701	51.733	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.36	101	207003	53.020	ug/l	96
10) Methyl Iodide	2.49	142	228857	54.281	ug/l	97
11) Tert butyl alcohol	3.01	59	255385	228.264	ug/l	98
12) 1,1-Dichloroethene	2.36	96	186409	46.021	ug/l	95
13) Acrolein	2.27	56	115474	248.916	ug/l	98
14) Allyl chloride	2.71	41	363158	49.902	ug/l	96
15) Acrylonitrile	3.11	53	585838	230.836	ug/l	99
16) Acetone	2.42	43	591015	263.591	ug/l	95
17) Carbon Disulfide	2.55	76	502162	41.010	ug/l	98
18) Methyl Acetate	2.75	43	317022	58.593	ug/l	98
19) Methyl tert-butyl Ether	3.17	73	735362	52.936	ug/l	99
20) Methylene Chloride	2.83	84	227031	49.510	ug/l	98
21) trans-1,2-Dichloroethene	3.14	96	217156	48.389	ug/l	99
22) Diisopropyl ether	3.82	45	735363	51.197	ug/l	89
23) Vinyl Acetate	3.78	43	3132049	245.063	ug/l	98
24) 1,1-Dichloroethane	3.67	63	413272	50.545	ug/l	98
25) 2-Butanone	4.63	43	861617	233.823	ug/l	96
26) 2,2-Dichloropropane	4.55	77	400788	60.246	ug/l	97
27) cis-1,2-Dichloroethene	4.56	96	249989	48.348	ug/l	99
28) Bromochloromethane	4.98	49	178780	45.300	ug/l	99
29) Tetrahydrofuran	5.08	42	520203	221.765	ug/l	99
30) Chloroform	5.17	83	440882	52.076	ug/l	99
31) Cyclohexane	5.54	56	321198	46.636	ug/l	99
32) 1,1,1-Trichloroethane	5.46	97	408878	52.628	ug/l	99
36) 1,1-Dichloropropene	5.76	75	313167	54.017	ug/l	99
37) Ethyl Acetate	4.78	43	322313	47.867	ug/l	97
38) Carbon Tetrachloride	5.74	117	384072	58.784	ug/l	99

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Quant Time: Sep 23 05:53:48 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082120W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 21 03:03:56 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.43	83	336046	53.009	ug/l	99
40) Benzene	6.11	78	875066	51.367	ug/l	99
41) Methacrylonitrile	5.00	41	177946	48.130	ug/l	96
42) 1,2-Dichloroethane	6.15	62	373112	57.165	ug/l	98
43) Isopropyl Acetate	6.41	43	533306	49.036	ug/l	99
44) Trichloroethene	7.18	130	252786	52.516	ug/l	100
45) 1,2-Dichloropropane	7.48	63	238240	51.889	ug/l	94
46) Dibromomethane	7.63	93	168804	52.282	ug/l	99
47) Bromodichloromethane	7.87	83	359365	55.744	ug/l	98
48) Methyl methacrylate	7.74	41	270908	50.038	ug/l	99
49) 1,4-Dioxane	7.71	88	99239	1011.906	ug/l	96
51) 4-Methyl-2-Pentanone	8.62	43	1663900	247.674	ug/l	100
52) Toluene	8.76	92	565859	52.384	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	396637	55.513	ug/l	96
54) cis-1,3-Dichloropropene	8.41	75	412574	54.509	ug/l	98
55) 1,1,2-Trichloroethane	9.20	97	241391	52.396	ug/l	97
56) Ethyl methacrylate	9.16	69	355857	51.959	ug/l	99
57) 1,3-Dichloropropane	9.35	76	400028	52.645	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	912283	296.107	ug/l	98
59) 2-Hexanone	9.47	43	1323530	259.092	ug/l	98
60) Dibromochloromethane	9.56	129	301208	55.733	ug/l	100
61) 1,2-Dibromoethane	9.65	107	258615	51.706	ug/l	99
64) Tetrachloroethene	9.32	164	245394	56.143	ug/l	92
65) Chlorobenzene	10.12	112	647344	54.494	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.20	131	264898	56.577	ug/l	99
67) Ethyl Benzene	10.23	91	1113929	55.140	ug/l	99
68) m/p-Xylenes	10.34	106	846199	112.224	ug/l	96
69) o-Xylene	10.68	106	404900	55.394	ug/l	98
70) Styrene	10.70	104	717932	57.675	ug/l	99
71) Bromoform	10.84	173	230411	57.695	ug/l #	98
73) Isopropylbenzene	11.00	105	1133745	51.202	ug/l	99
74) N-amyl acetate	10.88	43	485094	46.173	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	360783	46.188	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	453727	60.759	ug/l	82
77) Bromobenzene	11.24	156	302211	49.375	ug/l	98
78) n-propylbenzene	11.34	91	1340887	53.333	ug/l	99
79) 2-Chlorotoluene	11.40	91	797229	51.324	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	989897	54.402	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.05	75	133447	48.264	ug/l	96
82) 4-Chlorotoluene	11.49	91	973390	52.713	ug/l	99
83) tert-Butylbenzene	11.76	119	960681	53.499	ug/l	97
84) 1,2,4-Trimethylbenzene	11.79	105	1016903	54.663	ug/l	99
85) sec-Butylbenzene	11.93	105	1144453	56.044	ug/l	100
86) p-Isopropyltoluene	12.05	119	1089341	58.075	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	546591	50.864	ug/l	98
88) 1,4-Dichlorobenzene	12.08	146	553296	51.423	ug/l	98
89) n-Butylbenzene	12.37	91	984175	57.486	ug/l	99
90) Hexachloroethane	12.58	117	209292	56.712	ug/l	100
91) 1,2-Dichlorobenzene	12.37	146	530872	52.481	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.98	75	90646	46.412	ug/l	94

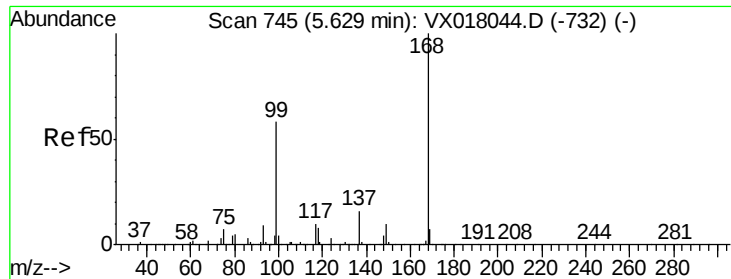
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX091620\
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ClientSampleId :
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Quant Title : SW846 8260
QLast Update : Fri Aug 21 03:03:56 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	367747	54.518	ug/l	98
94) Hexachlorobutadiene	13.76	225	157193	59.082	ug/l	95
95) Naphthalene	13.82	128	1120490	50.474	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	353632	53.057	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.00 min

Lab File: VX018429.D

Acq: 16 Sep 2020 10:01

Instrument :

MSVOA_X

ClientSampleId :

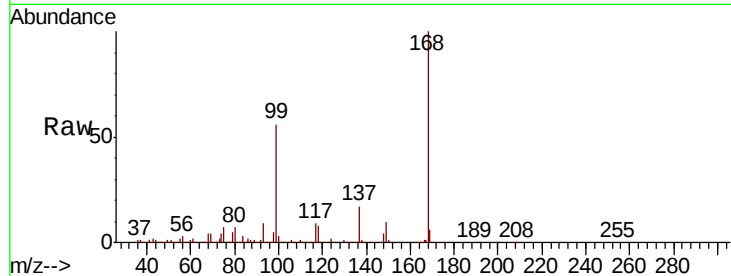
VSTDCCC050

Tot Ion:168 Resp: 414487

Ion Ratio Lower Upper

168 100

99 55.4 46.3 69.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

150000

100000

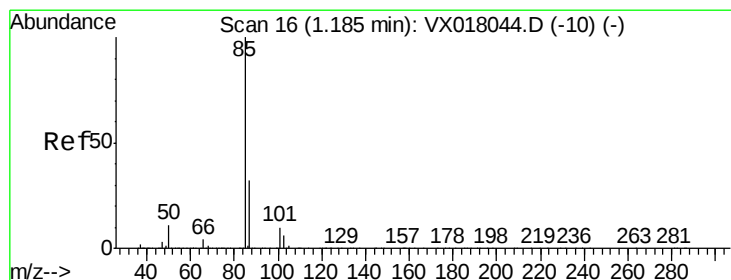
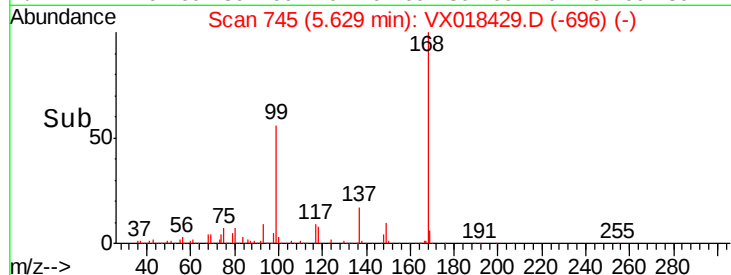
50000

0

5.50 5.60 5.70

5.63

Time-->



#2

Dichlorodifluoromethane

Concen: 45.572 ug/l

RT: 1.18 min Scan# 16

Delta R.T. -0.00 min

Lab File: VX018429.D

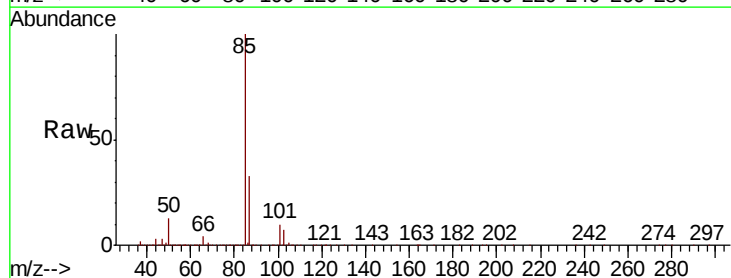
Acq: 16 Sep 2020 10:01

Tgt Ion: 85 Resp: 229979

Ion Ratio Lower Upper

85 100

87 33.3 16.1 48.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

300000

250000

200000

150000

100000

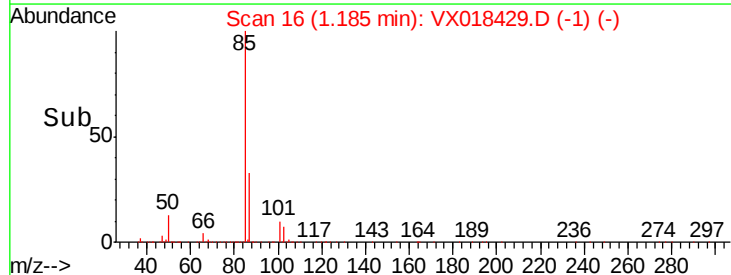
50000

0

1.10 1.15 1.20 1.25 1.30

1.18

Time-->





#3

Chloromethane

Concen: 41.148 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX018429.D

Acq: 16 Sep 2020 10:01

Instrument :

MSVOA_X

ClientSampleId :

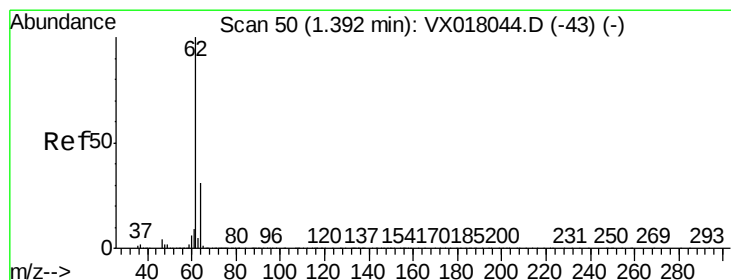
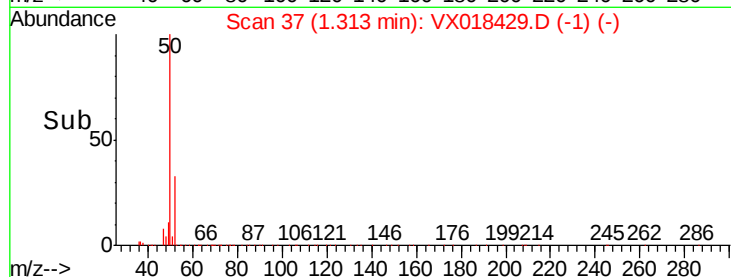
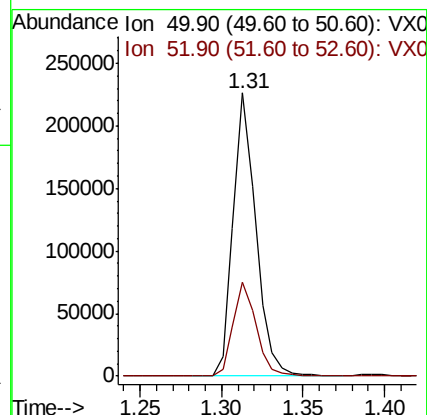
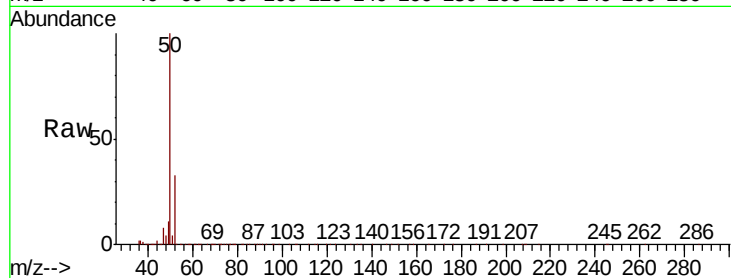
VSTDCCC050

Tot Ion: 50 Resp: 218922

Ion Ratio Lower Upper

50 100

52 33.2 25.4 38.2



#4

Vinyl Chloride

Concen: 43.993 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX018429.D

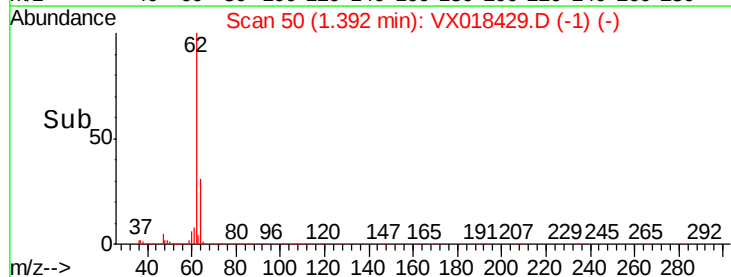
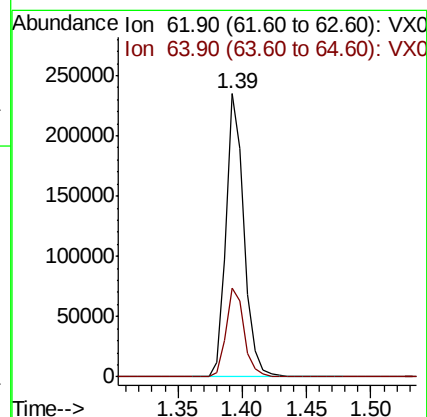
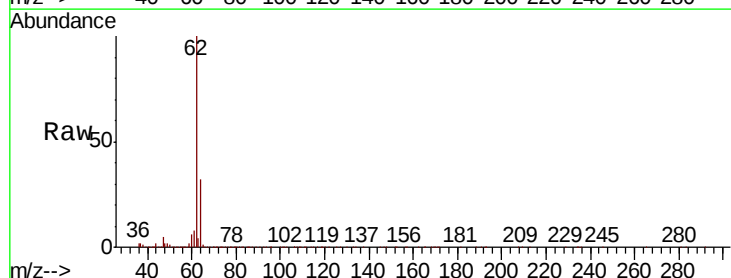
Acq: 16 Sep 2020 10:01

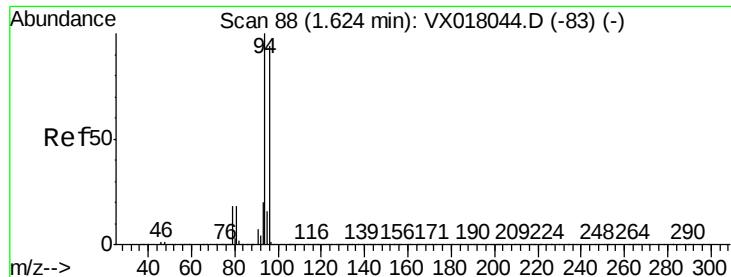
Tgt Ion: 62 Resp: 232996

Ion Ratio Lower Upper

62 100

64 31.5 25.1 37.7





#5

Bromomethane

Concen: 59.194 ug/l

RT: 1.62 min Scan# 88

Delta R.T. -0.00 min

Lab File: VX018429.D

Acq: 16 Sep 2020 10:01

Instrument :

MSVOA_X

ClientSampleId :

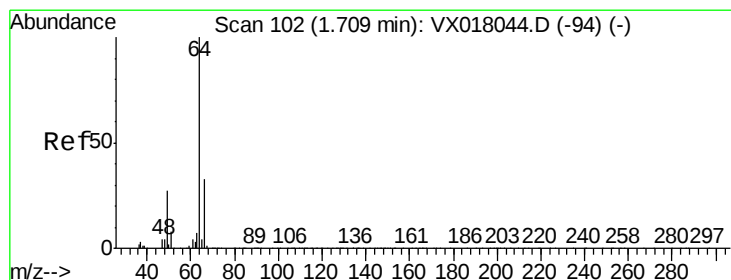
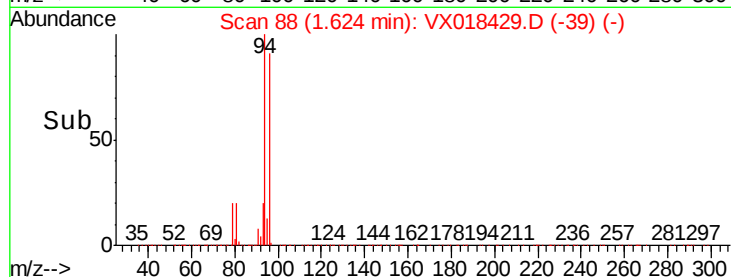
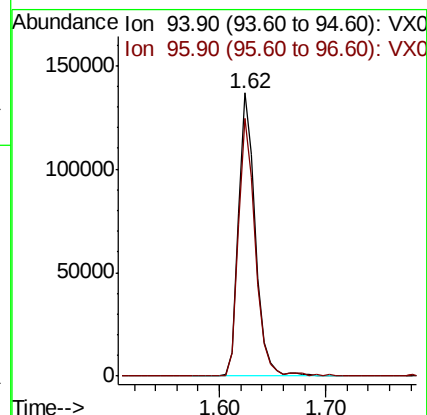
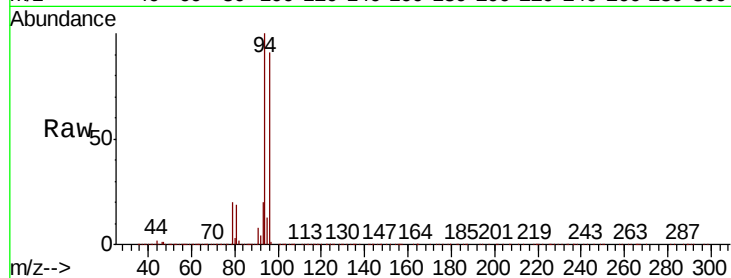
VSTDCCC050

Tot Ion: 94 Resp: 151213

Ion Ratio Lower Upper

94 100

96 90.8 74.8 112.2



#6

Chloroethane

Concen: 49.132 ug/l

RT: 1.71 min Scan# 102

Delta R.T. -0.00 min

Lab File: VX018429.D

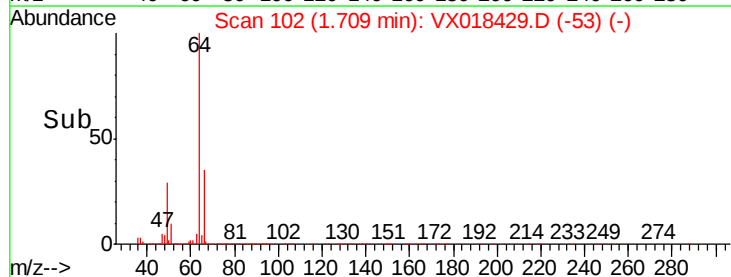
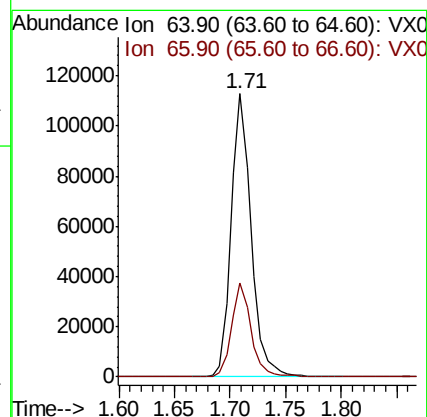
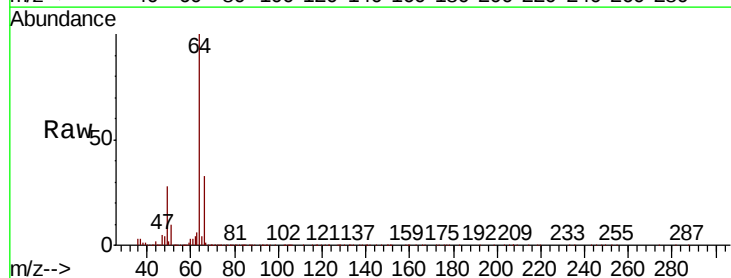
Acq: 16 Sep 2020 10:01

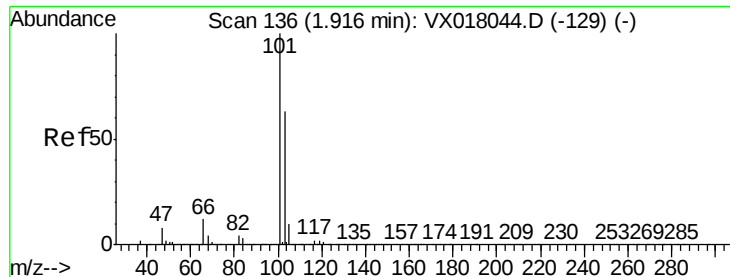
Tgt Ion: 64 Resp: 139760

Ion Ratio Lower Upper

64 100

66 33.0 26.6 39.8



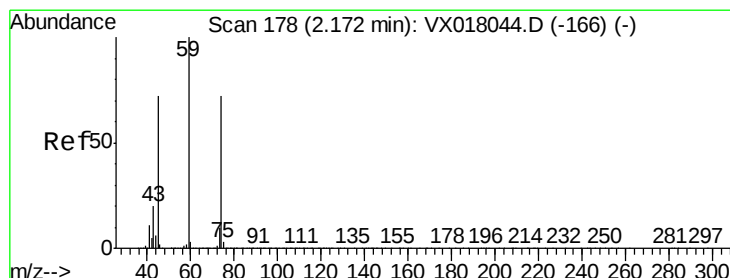
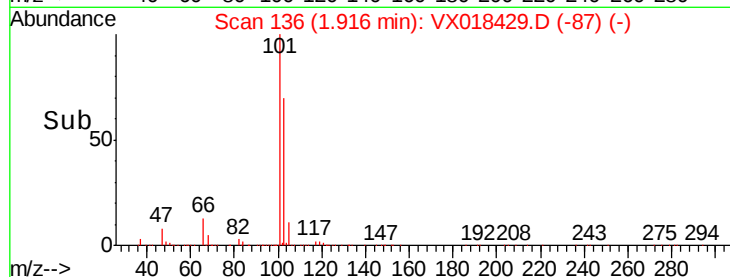
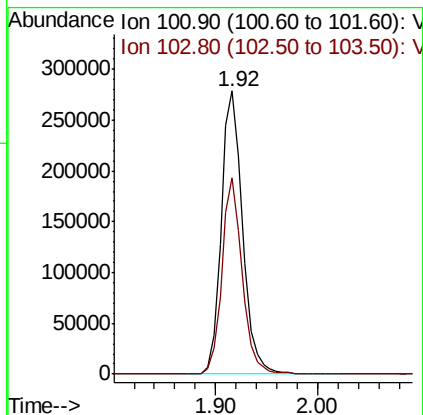
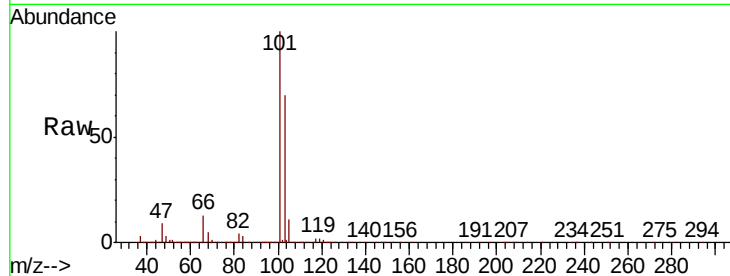


#7

Trichlorofluoromethane
Concen: 55.895 ug/l
RT: 1.92 min Scan# 136
Delta R.T. -0.00 min
Lab File: VX018429.D
Acq: 16 Sep 2020 10:01

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VSTDCCC050

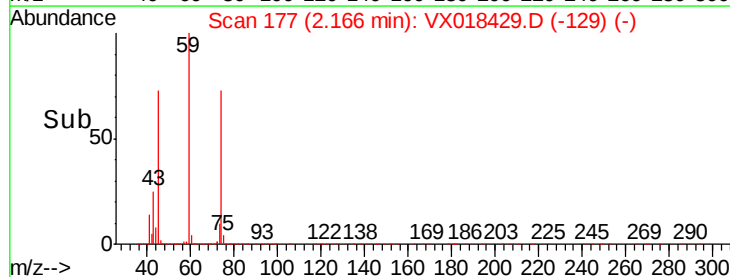
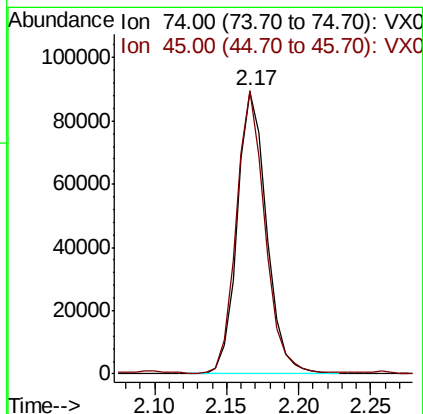
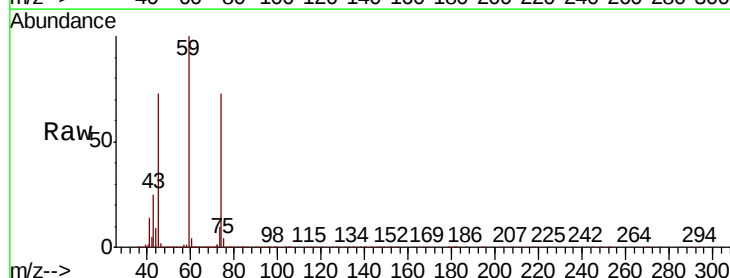
Tot Ion:101 Resp: 403657
Ion Ratio Lower Upper
101 100
103 69.5 50.7 76.1

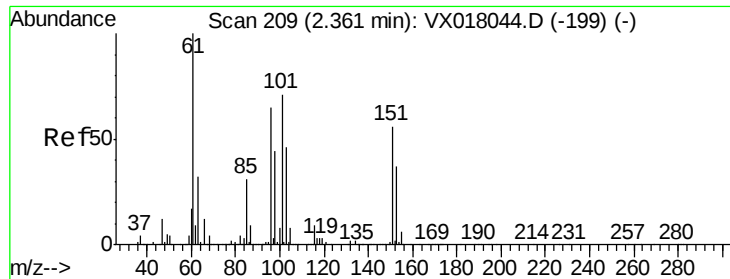


#8

Diethyl Ether
Concen: 51.733 ug/l
RT: 2.17 min Scan# 177
Delta R.T. -0.01 min
Lab File: VX018429.D
Acq: 16 Sep 2020 10:01

Tgt Ion: 74 Resp: 126701
Ion Ratio Lower Upper
74 100
45 97.8 50.7 152.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 53.020 ug/l

RT: 2.36 min Scan# 209

Delta R.T. -0.00 min

Lab File: VX018429.D

Acq: 16 Sep 2020 10:01

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

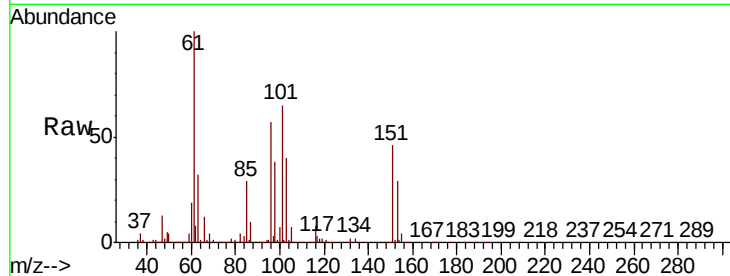
Tot Ion:101 Resp: 207003

Ion Ratio Lower Upper

101 100

85 44.4 34.0 51.0

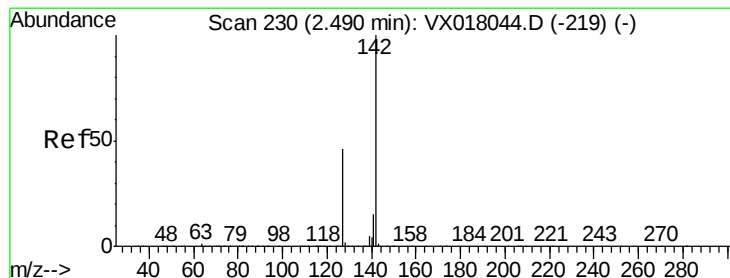
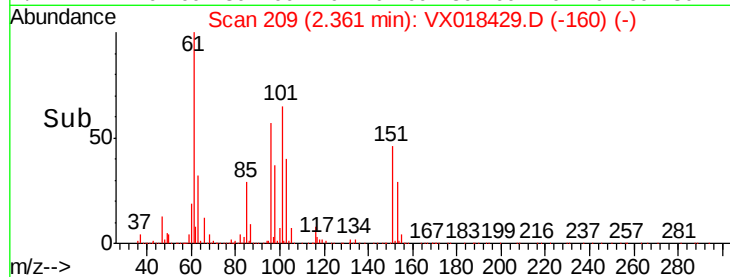
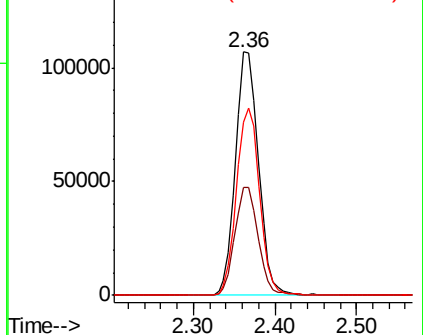
151 77.2 65.2 97.8



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: 54.281 ug/l

RT: 2.49 min Scan# 230

Delta R.T. 0.00 min

Lab File: VX018429.D

Acq: 16 Sep 2020 10:01

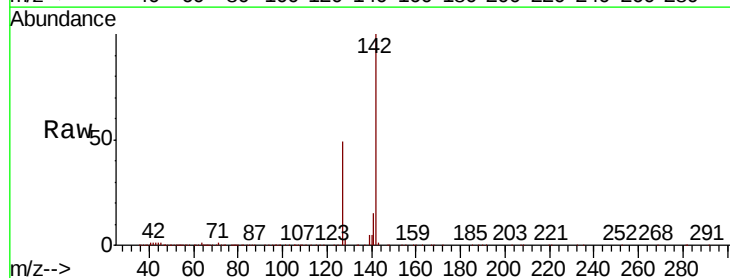
Tgt Ion:142 Resp: 228857

Ion Ratio Lower Upper

142 100

127 48.5 37.0 55.6

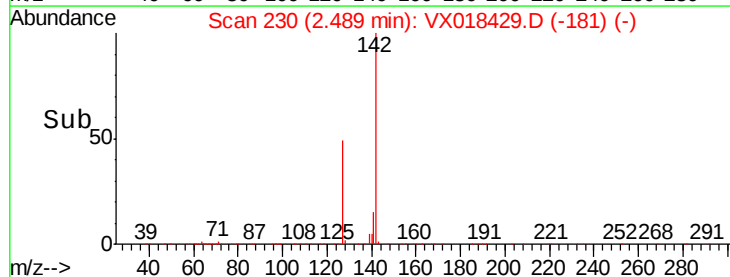
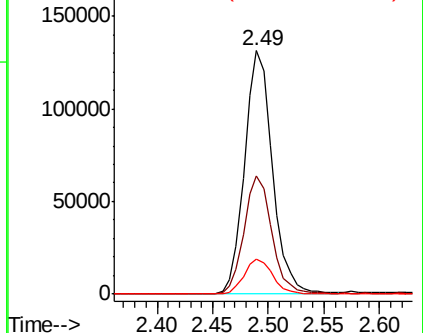
141 14.7 11.5 17.3

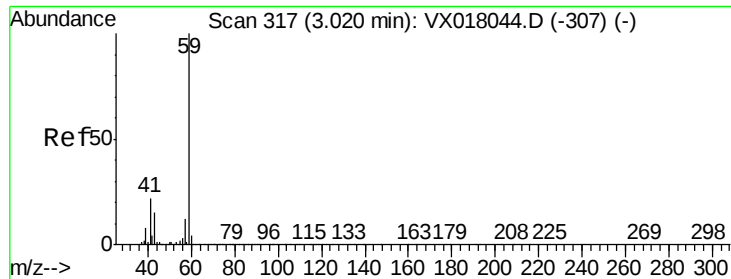


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

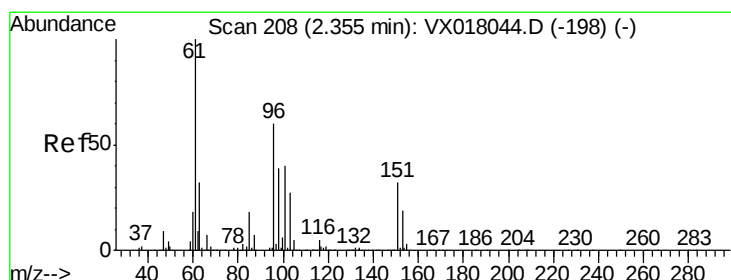
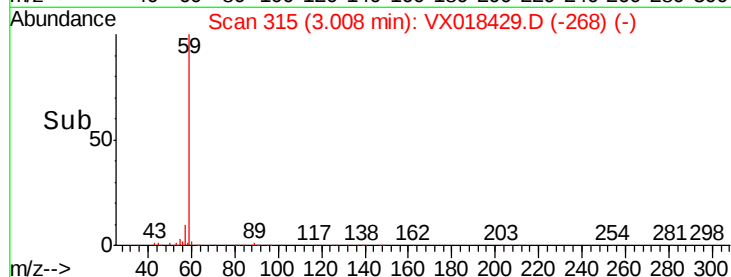
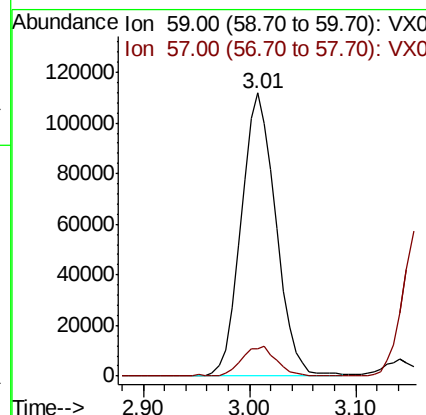
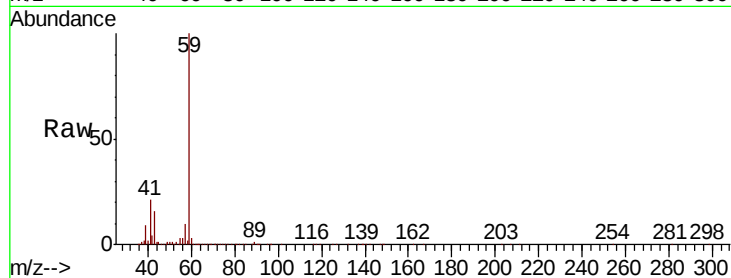




#11
Tert butyl alcohol
Concen: 228.264 ug/l
RT: 3.01 min Scan# 315
Delta R.T. -0.01 min
Lab File: VX018429.D
Acq: 16 Sep 2020 10:01

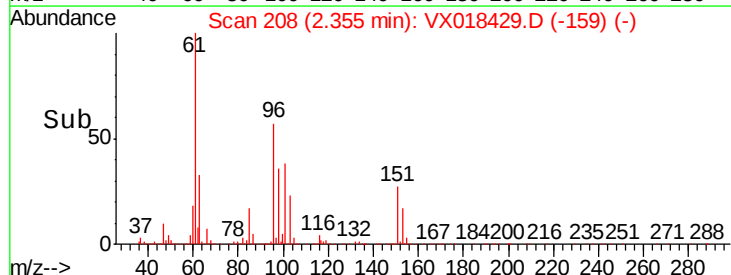
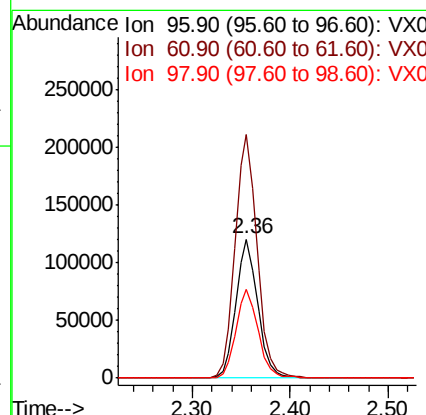
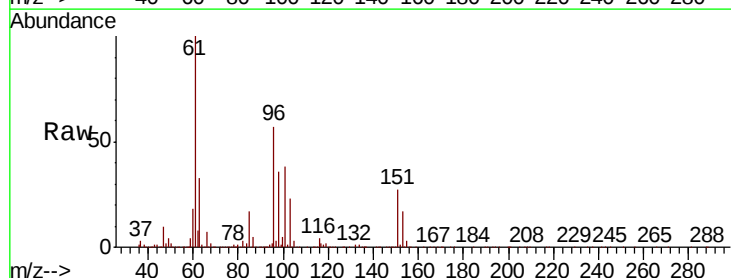
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

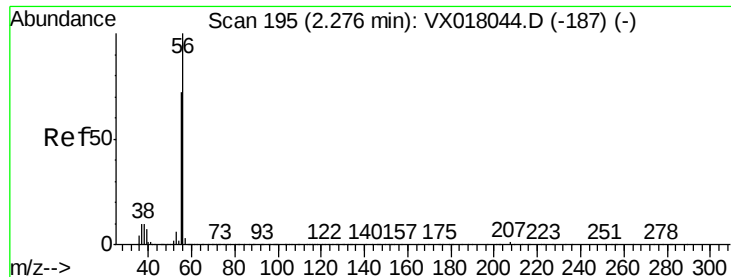
Tot Ion: 59 Resp: 255385
Ion Ratio Lower Upper
59 100
57 10.3 8.9 13.3



#12
1,1-Dichloroethene
Concen: 46.021 ug/l
RT: 2.36 min Scan# 208
Delta R.T. -0.00 min
Lab File: VX018429.D
Acq: 16 Sep 2020 10:01

Tgt Ion: 96 Resp: 186409
Ion Ratio Lower Upper
96 100
61 175.2 133.0 199.4
98 63.6 51.6 77.4

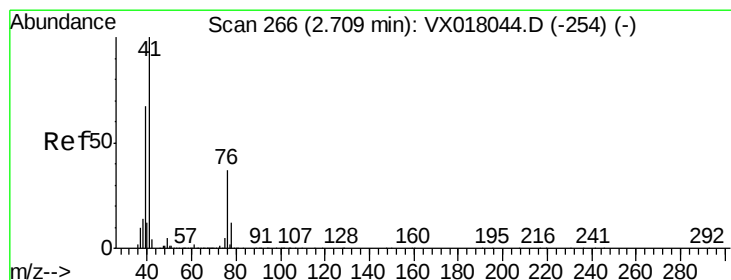
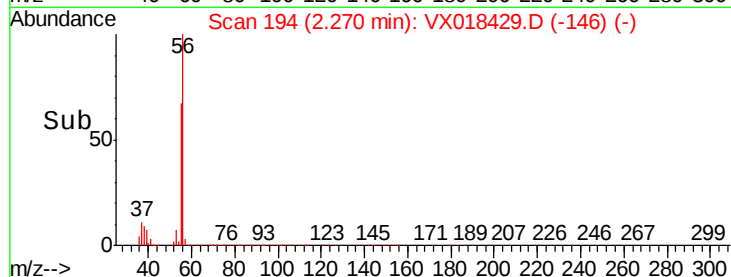
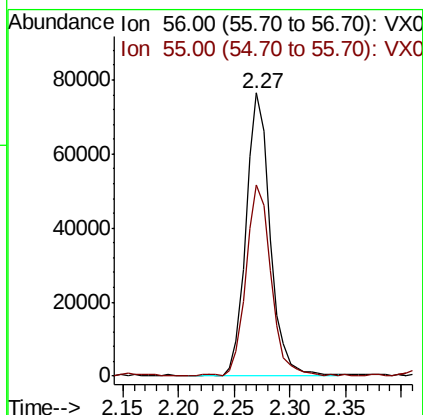
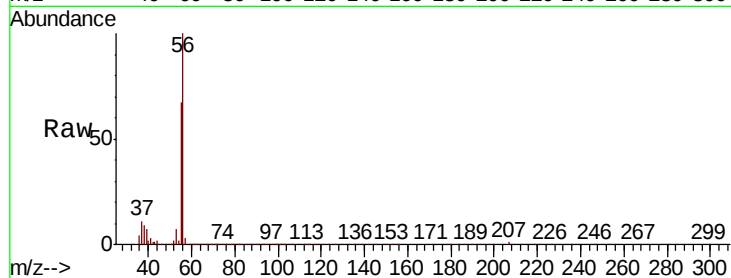




#13
Acrolein
Concen: 248.916 ug/l
RT: 2.27 min Scan# 194
Delta R.T. -0.01 min
Lab File: VX018429.D
Acq: 16 Sep 2020 10:01

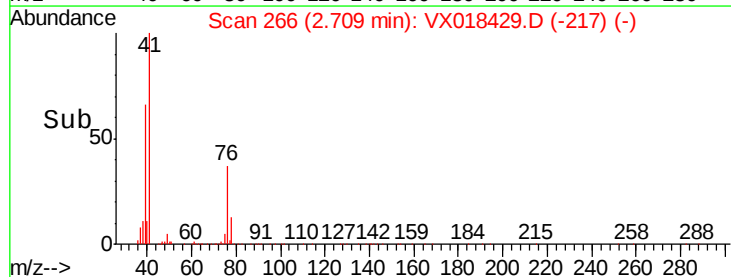
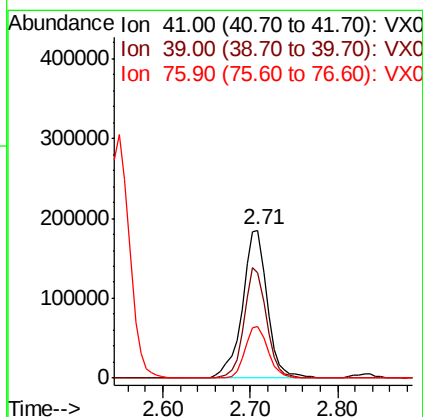
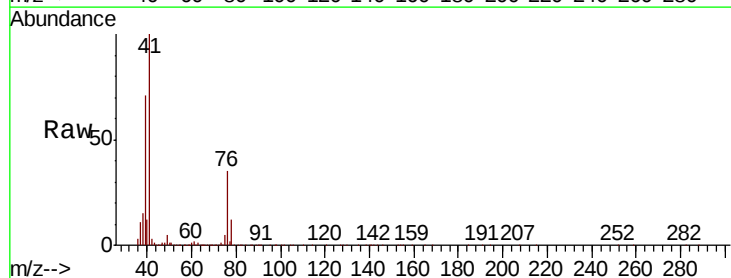
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

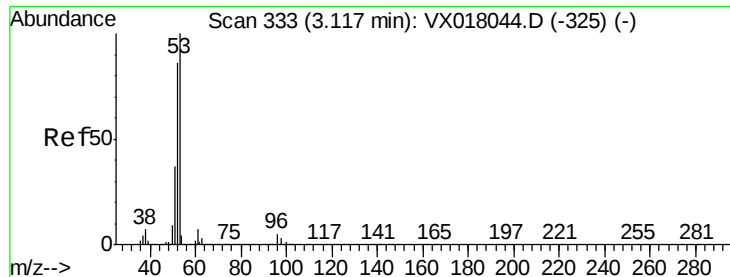
Tot Ion: 56 Resp: 115474
Ion Ratio Lower Upper
56 100
55 70.0 57.0 85.6



#14
Allyl chloride
Concen: 49.902 ug/l
RT: 2.71 min Scan# 266
Delta R.T. -0.00 min
Lab File: VX018429.D
Acq: 16 Sep 2020 10:01

Tgt Ion: 41 Resp: 363158
Ion Ratio Lower Upper
41 100
39 67.9 50.6 76.0
76 32.4 26.2 39.2





#15

Acrylonitrile

Concen: 230.836 ug/l

RT: 3.11 min Scan# 332

Delta R.T. -0.01 min

Lab File: VX018429.D

Acq: 16 Sep 2020 10:01

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

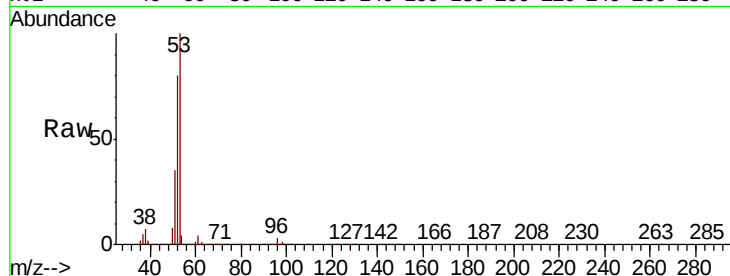
Tot Ion: 53 Resp: 585838

Ion Ratio Lower Upper

53 100

52 83.1 66.9 100.3

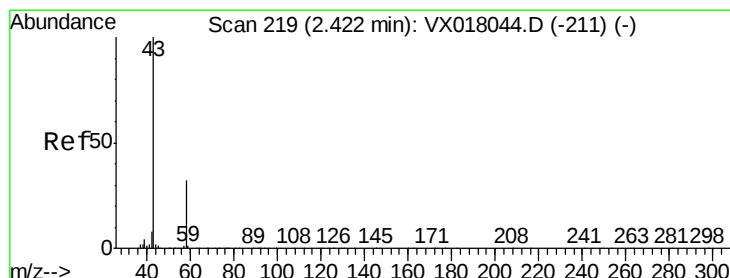
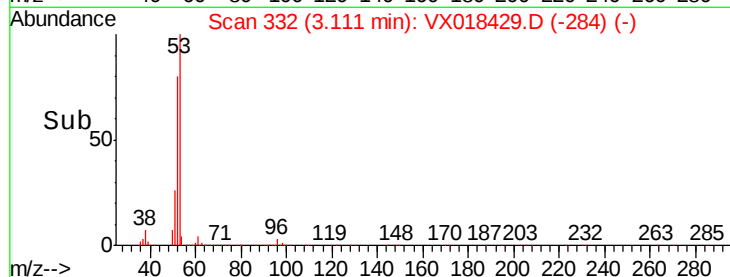
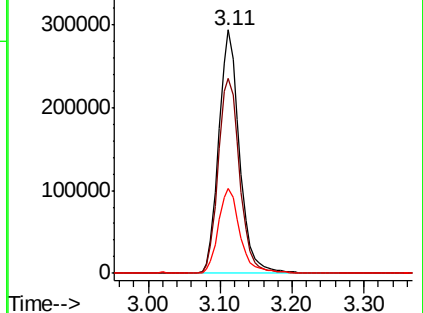
51 36.3 28.7 43.1



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 263.591 ug/l

RT: 2.42 min Scan# 218

Delta R.T. -0.01 min

Lab File: VX018429.D

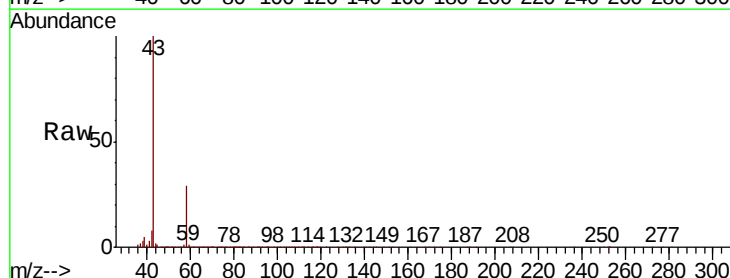
Acq: 16 Sep 2020 10:01

Tgt Ion: 43 Resp: 591015

Ion Ratio Lower Upper

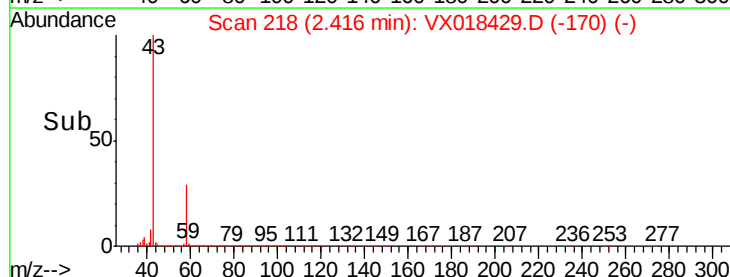
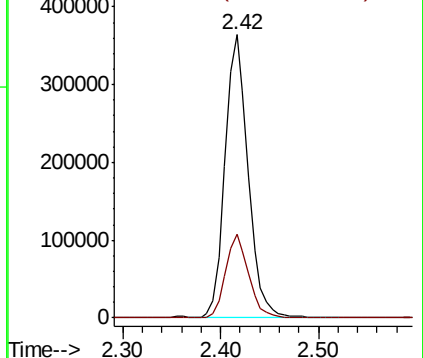
43 100

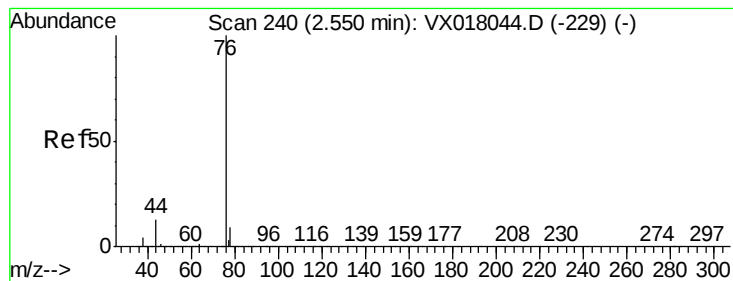
58 29.4 25.5 38.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 41.010 ug/l

RT: 2.55 min Scan# 240

Delta R.T. -0.00 min

Lab File: VX018429.D

Acq: 16 Sep 2020 10:01

Instrument :

MSVOA_X

ClientSampleId :

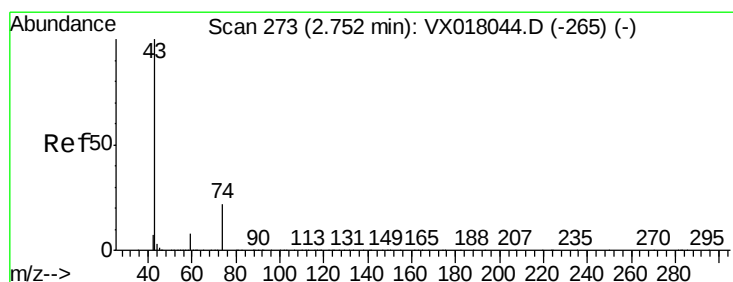
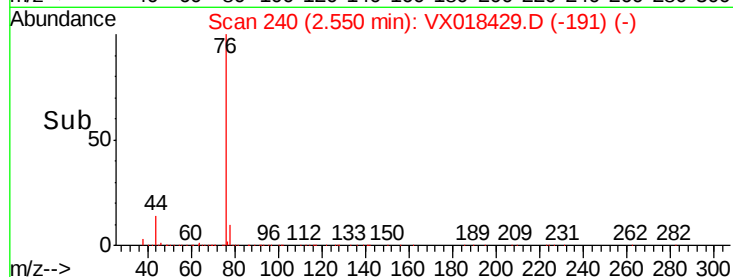
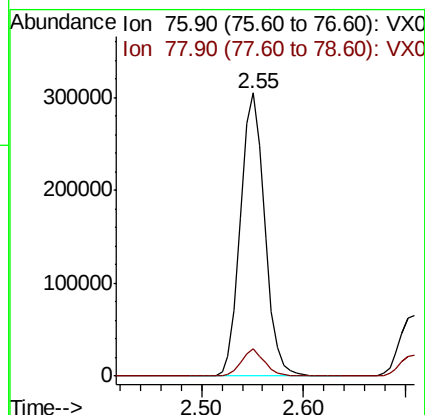
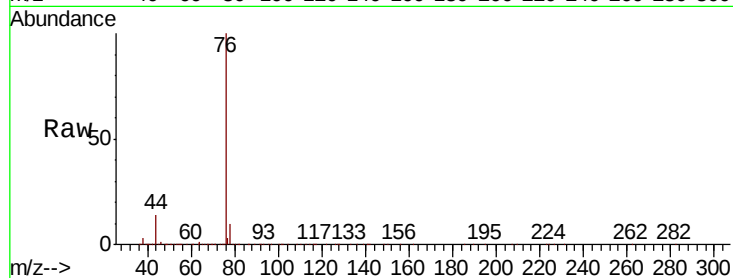
VSTDCCC050

Tot Ion: 76 Resp: 502162

Ion Ratio Lower Upper

76 100

78 9.8 7.4 11.0



#18

Methyl Acetate

Concen: 58.593 ug/l

RT: 2.75 min Scan# 272

Delta R.T. -0.01 min

Lab File: VX018429.D

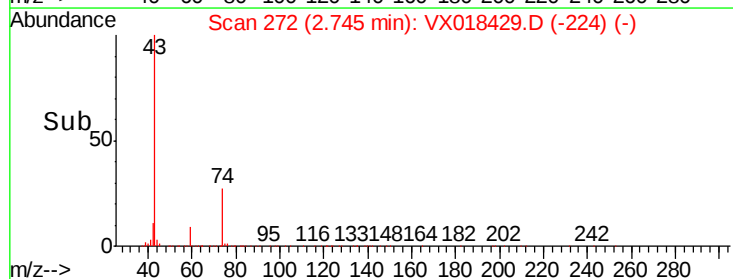
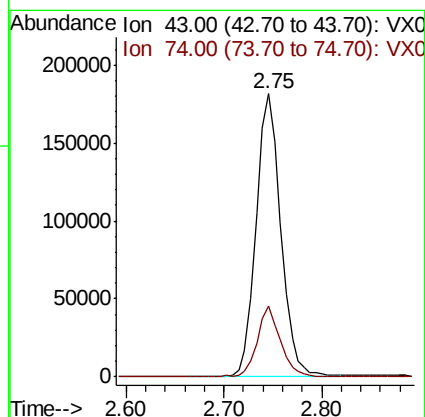
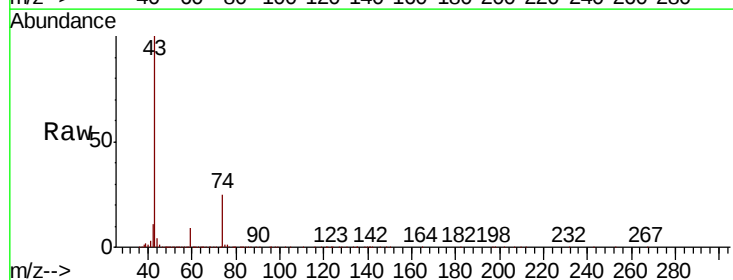
Acq: 16 Sep 2020 10:01

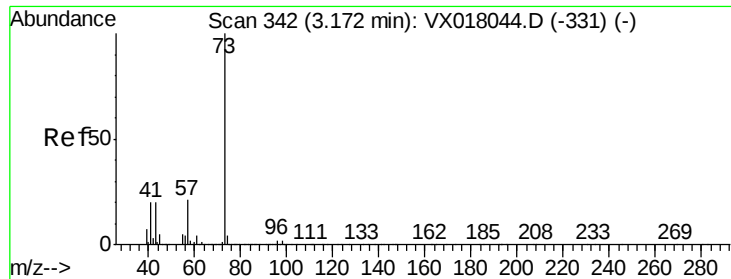
Tgt Ion: 43 Resp: 317022

Ion Ratio Lower Upper

43 100

74 23.7 18.2 27.4

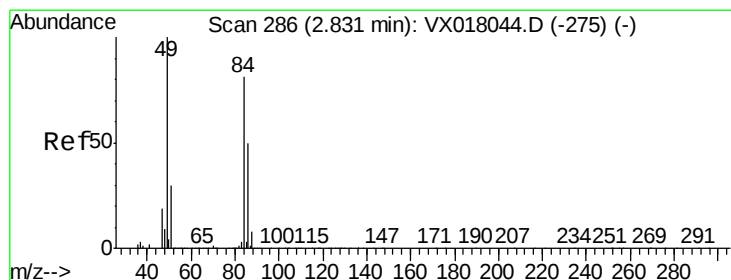
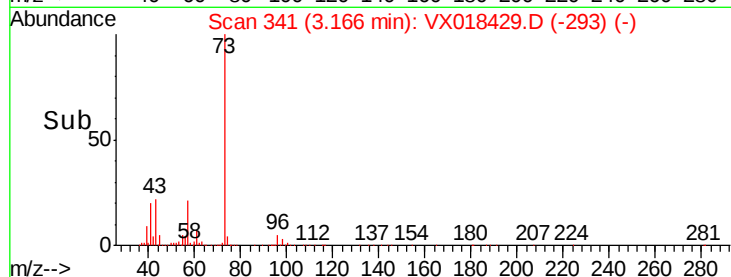
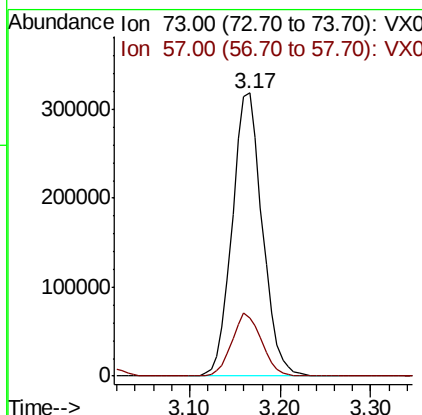
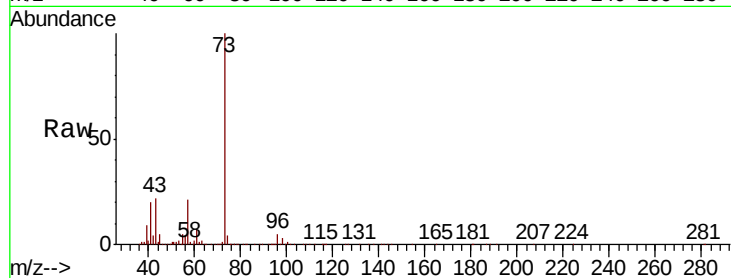




#19
Methyl tert-butyl Ether
Concen: 52.936 ug/l
RT: 3.17 min Scan# 341
Delta R.T. -0.01 min
Lab File: VX018429.D
Acq: 16 Sep 2020 10:01

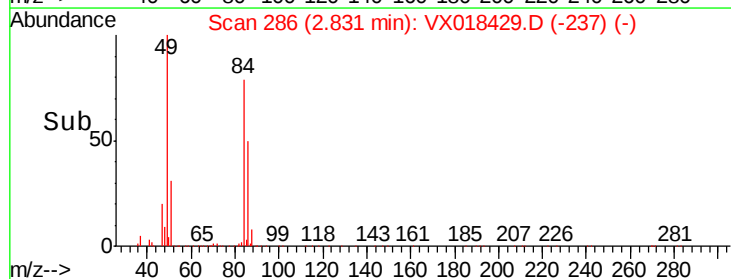
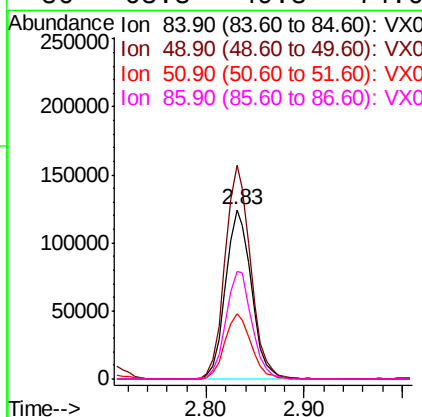
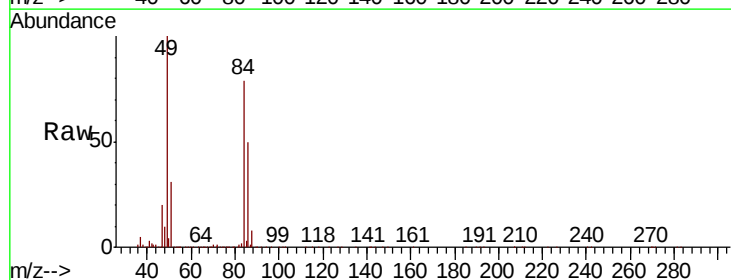
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

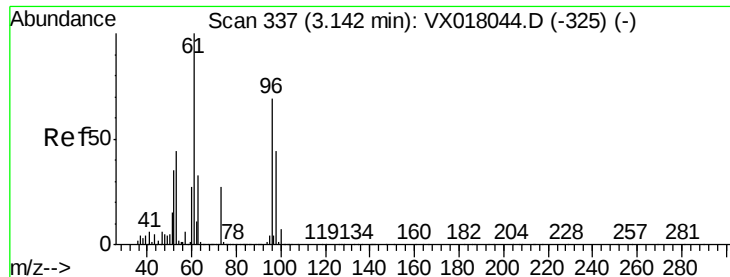
Tot Ion: 73 Resp: 735362
Ion Ratio Lower Upper
73 100
57 20.7 16.8 25.2



#20
Methylene Chloride
Concen: 49.510 ug/l
RT: 2.83 min Scan# 286
Delta R.T. 0.00 min
Lab File: VX018429.D
Acq: 16 Sep 2020 10:01

Tgt Ion: 84 Resp: 227031
Ion Ratio Lower Upper
84 100
49 125.9 98.6 148.0
51 38.6 29.6 44.4
86 63.3 49.8 74.6





#21

trans-1,2-Dichloroethene

Concen: 48.389 ug/l

RT: 3.14 min Scan# 337

Delta R.T. -0.00 min

Lab File: VX018429.D

Acq: 16 Sep 2020 10:01

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

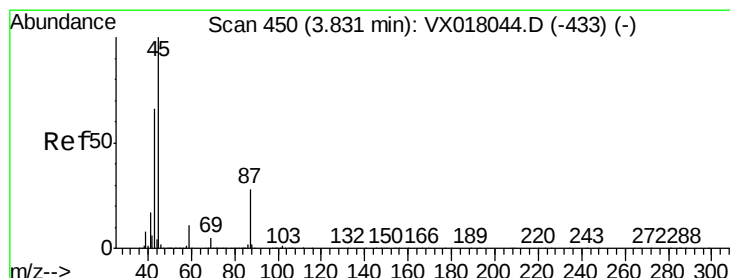
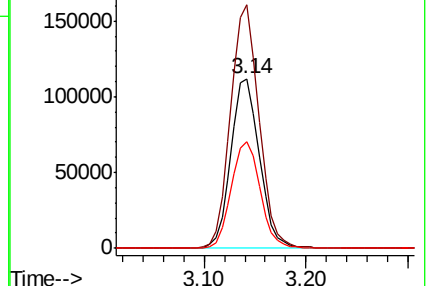
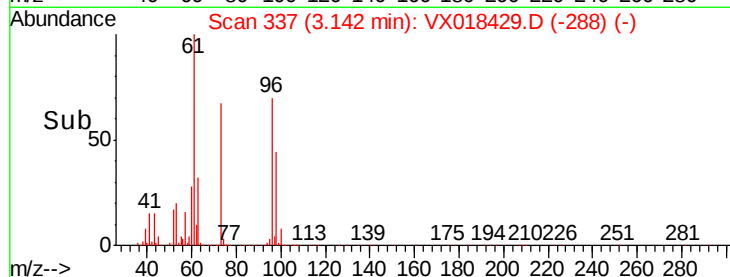
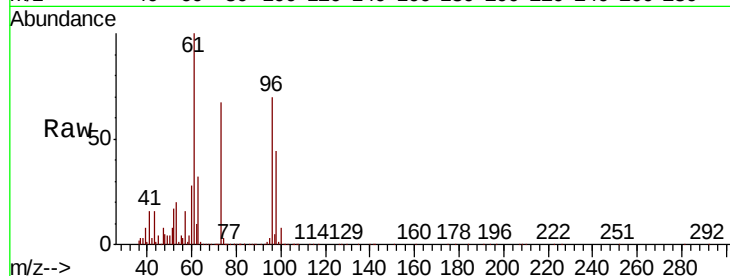
Tot Ion: 96 Resp: 217156

Ion Ratio Lower Upper

96 100

61 143.3 115.4 173.0

98 62.6 51.1 76.7



#22

Diisopropyl ether

Concen: 51.197 ug/l

RT: 3.82 min Scan# 448

Delta R.T. -0.01 min

Lab File: VX018429.D

Acq: 16 Sep 2020 10:01

Tgt Ion: 45 Resp: 735363

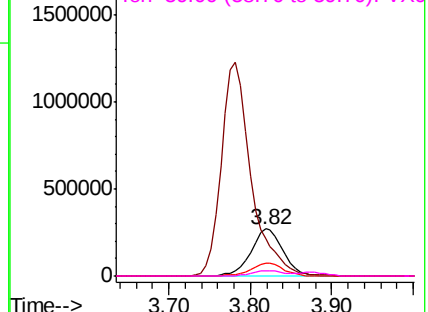
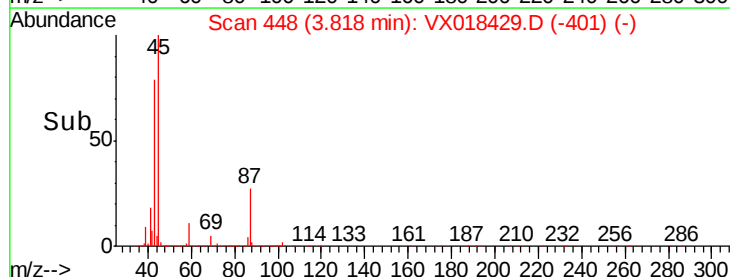
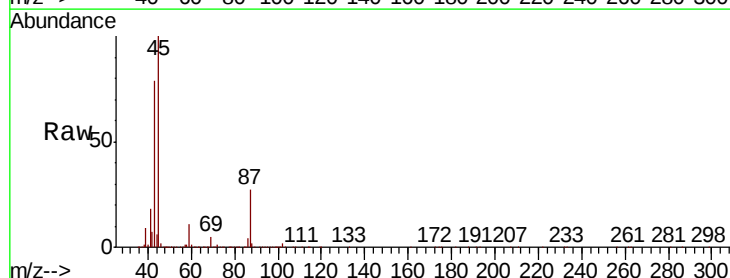
Ion Ratio Lower Upper

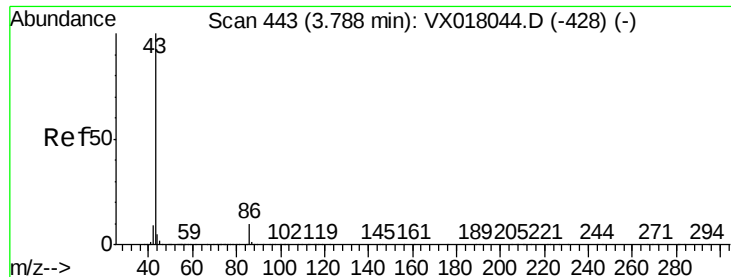
45 100

43 78.6 52.8 79.2

87 26.9 22.5 33.7

59 11.4 9.0 13.6





#23

Vinyl Acetate

Concen: 245.063 ug/l

RT: 3.78 min Scan# 442

Delta R.T. -0.01 min

Lab File: VX018429.D

Acq: 16 Sep 2020 10:01

Instrument :

MSVOA_X

ClientSampleId :

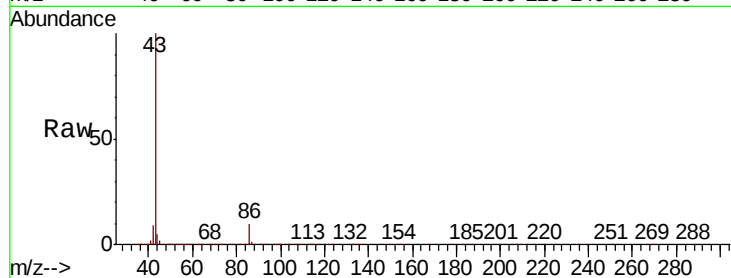
VSTDCCC050

Tot Ion: 43 Resp: 3132049

Ion Ratio Lower Upper

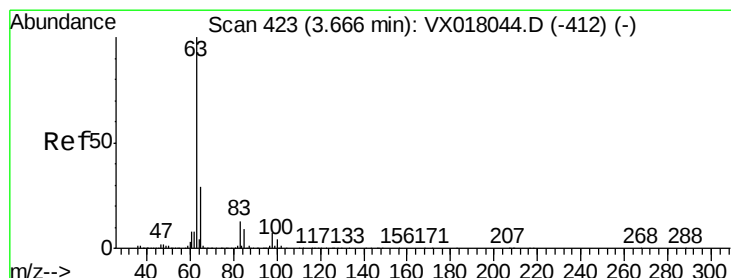
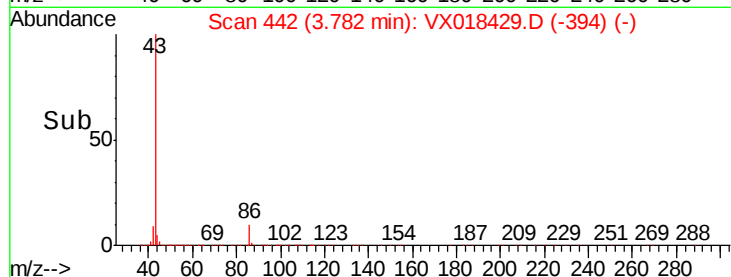
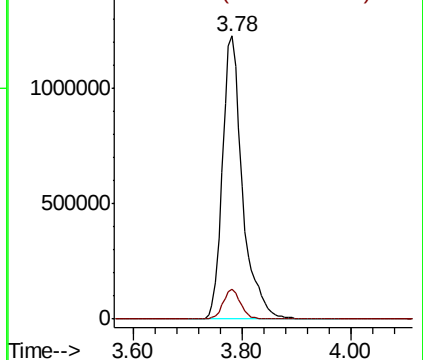
43 100

86 10.5 7.9 11.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 50.545 ug/l

RT: 3.67 min Scan# 423

Delta R.T. -0.00 min

Lab File: VX018429.D

Acq: 16 Sep 2020 10:01

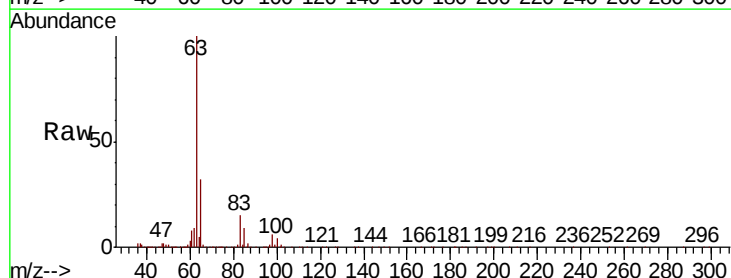
Tgt Ion: 63 Resp: 413272

Ion Ratio Lower Upper

63 100

98 6.3 3.6 10.8

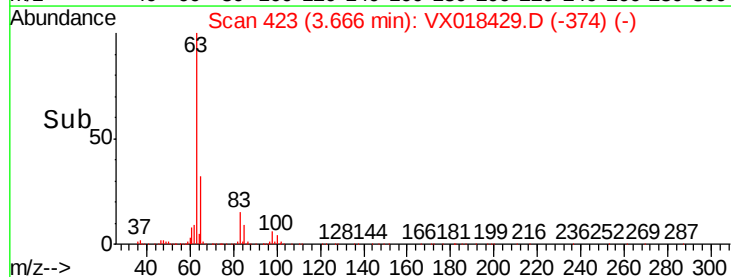
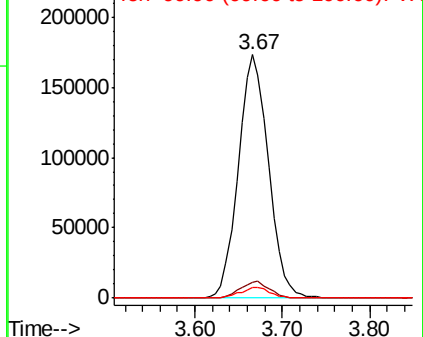
100 4.3 2.0 6.0

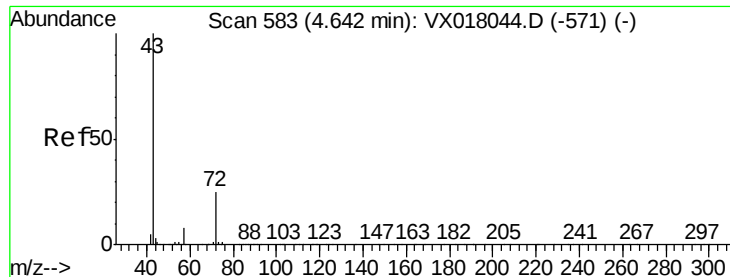


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 233.823 ug/l

RT: 4.63 min Scan# 581

Delta R.T. -0.01 min

Lab File: VX018429.D

Acq: 16 Sep 2020 10:01

Instrument :

MSVOA_X

ClientSampleId :

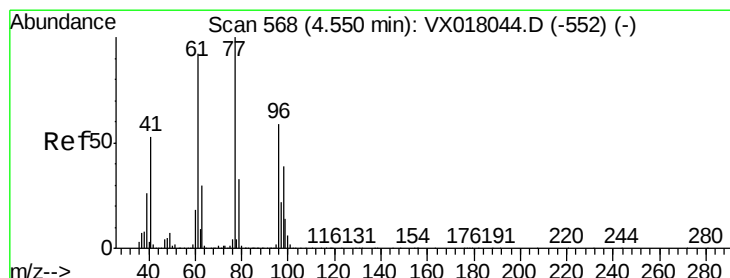
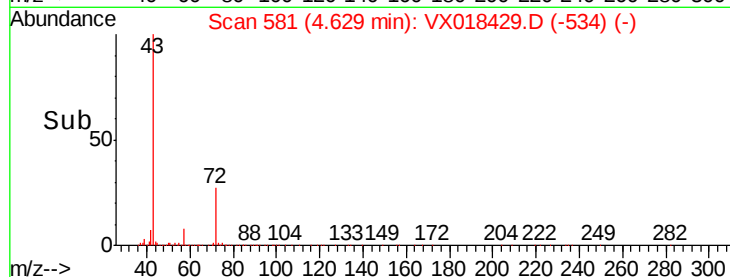
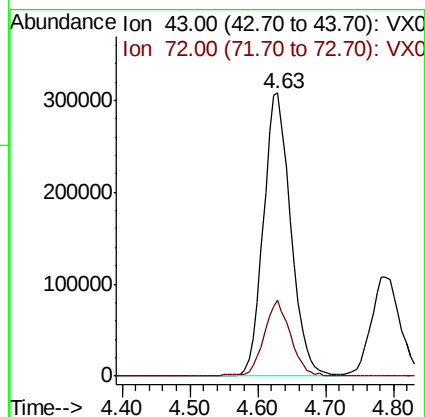
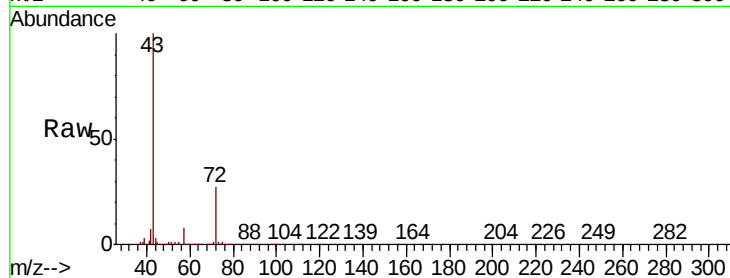
VSTDCCC050

Tot Ion: 43 Resp: 861617

Ion Ratio Lower Upper

43 100

72 26.6 19.8 29.6



#26

2,2-Dichloropropane

Concen: 60.246 ug/l

RT: 4.55 min Scan# 568

Delta R.T. -0.00 min

Lab File: VX018429.D

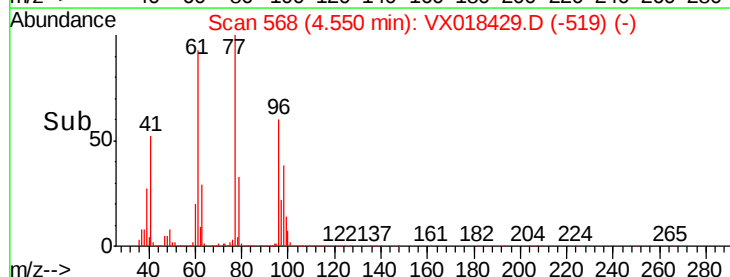
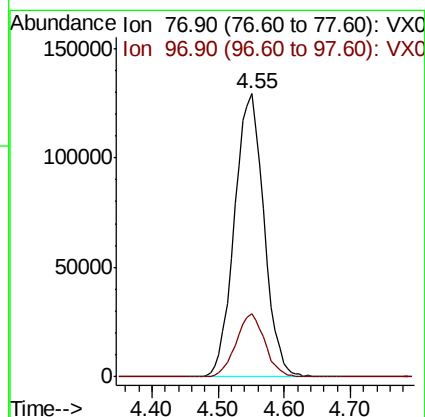
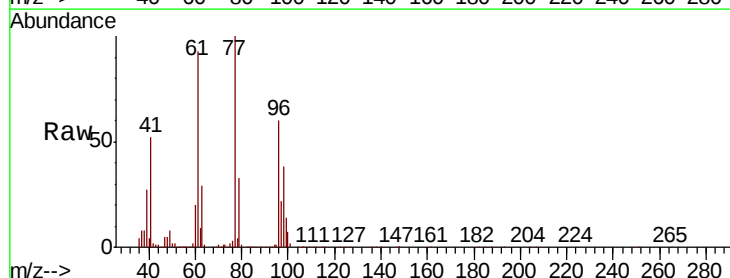
Acq: 16 Sep 2020 10:01

Tgt Ion: 77 Resp: 400788

Ion Ratio Lower Upper

77 100

97 21.7 11.5 34.5



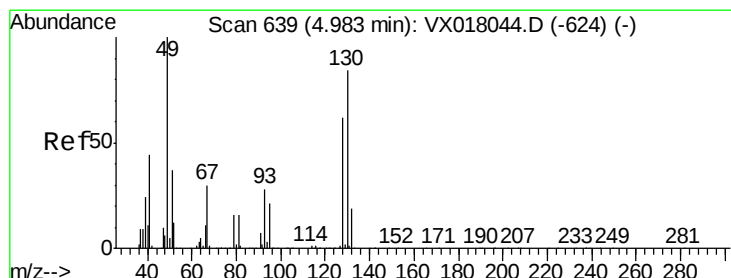
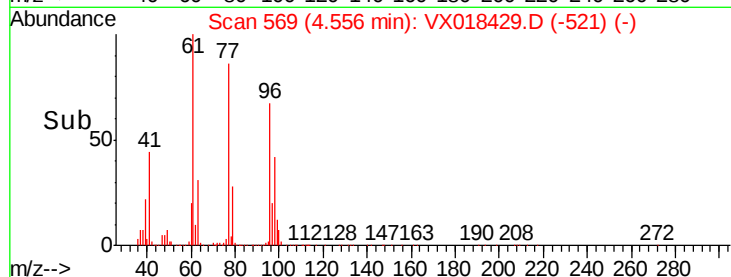
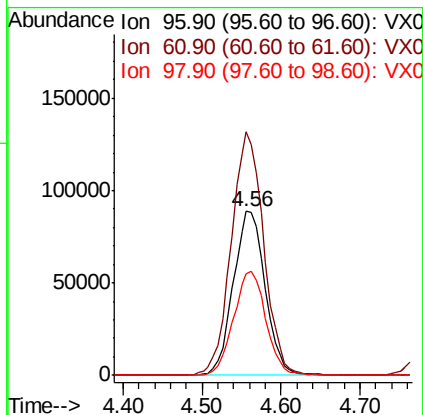
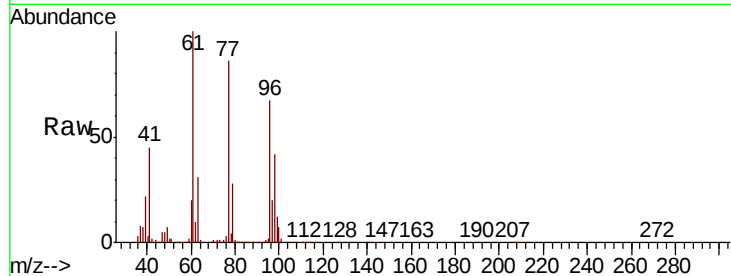


#27

cis-1,2-Dichloroethene
Concen: 48.348 ug/l
RT: 4.56 min Scan# 569
Delta R.T. -0.01 min
Lab File: VX018429.D
Acq: 16 Sep 2020 10:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

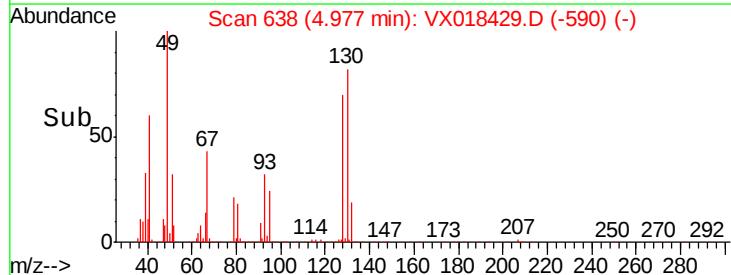
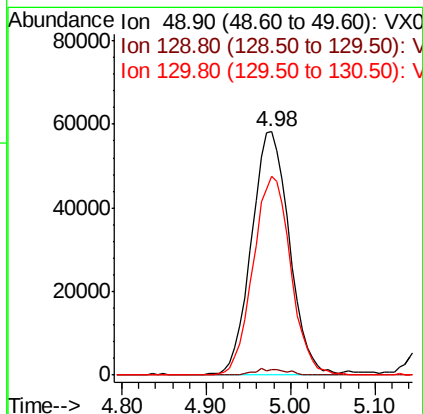
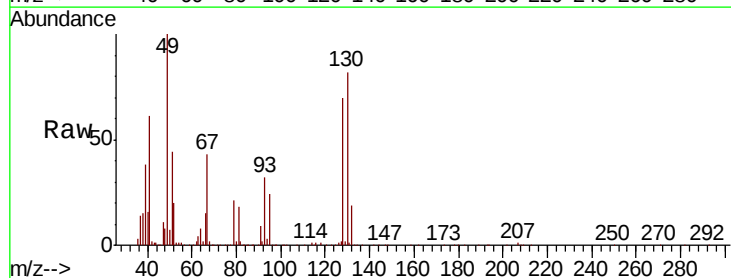
Tot Ion	Ratio	Lower	Upper
96	100		
61	150.4	0.0	296.6
98	64.3	0.0	130.2



#28

Bromochloromethane
Concen: 45.300 ug/l
RT: 4.98 min Scan# 638
Delta R.T. -0.01 min
Lab File: VX018429.D
Acq: 16 Sep 2020 10:01

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.4	0.0	4.6
130	81.5	64.6	96.8

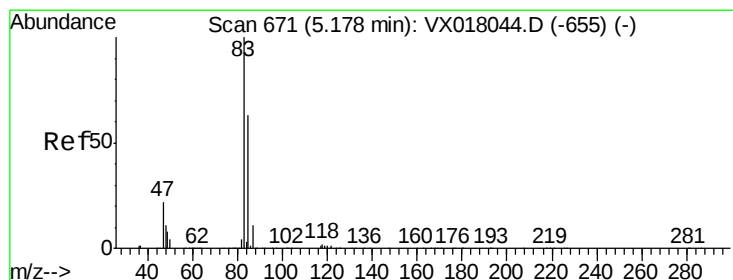
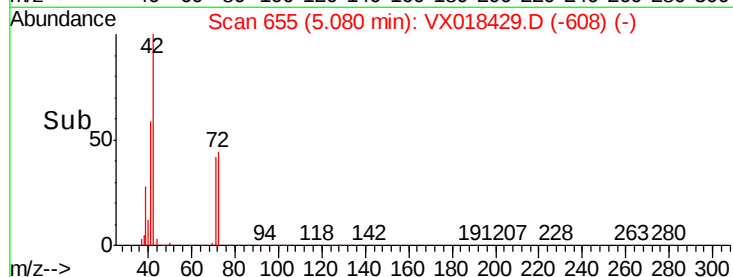
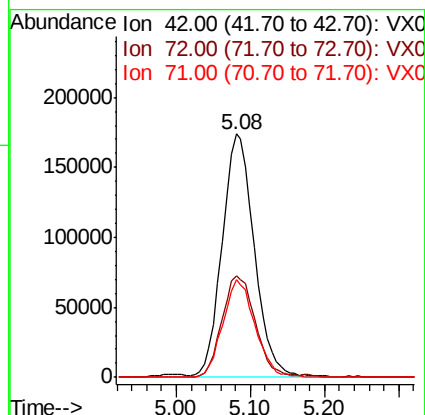
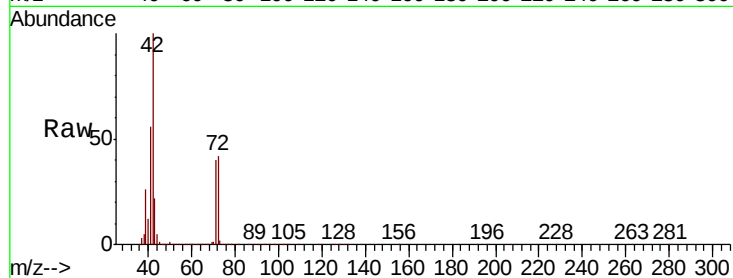




#29
Tetrahydrofuran
Concen: 221.765 ug/l
RT: 5.08 min Scan# 655
Delta R.T. -0.01 min
Lab File: VX018429.D
Acq: 16 Sep 2020 10:01

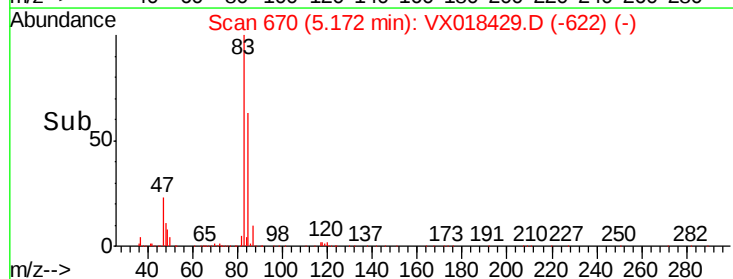
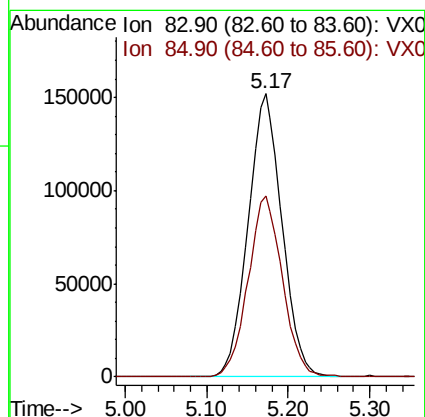
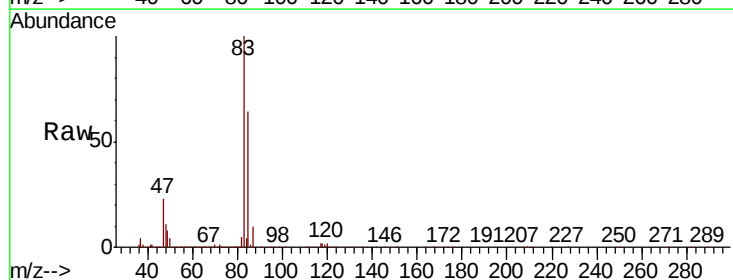
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 42 Resp: 520203
Ion Ratio Lower Upper
42 100
72 44.1 34.2 51.4
71 40.5 32.1 48.1



#30
Chloroform
Concen: 52.076 ug/l
RT: 5.17 min Scan# 670
Delta R.T. -0.01 min
Lab File: VX018429.D
Acq: 16 Sep 2020 10:01

Tgt Ion: 83 Resp: 440882
Ion Ratio Lower Upper
83 100
85 63.9 50.7 76.1

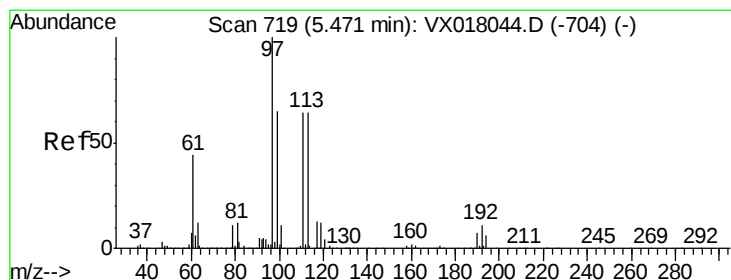
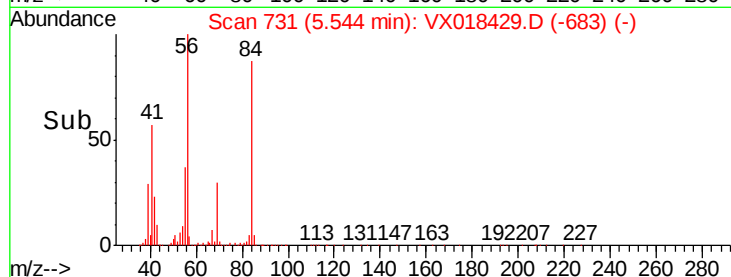
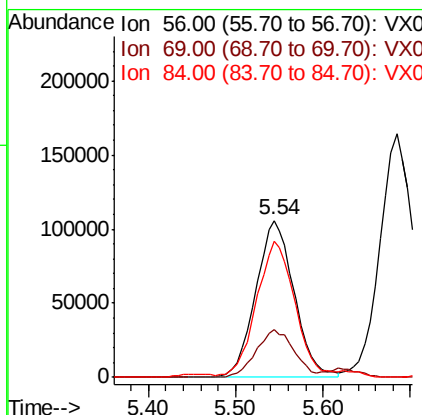
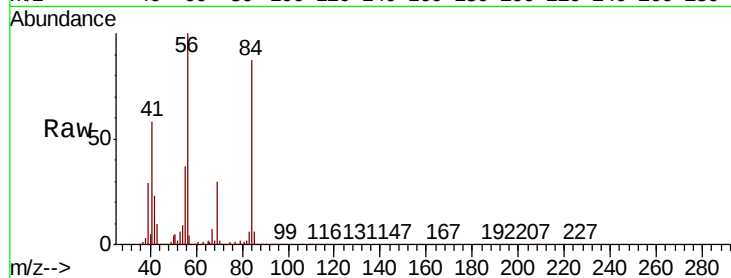




#31
Cyclohexane
Concen: 46.636 ug/l
RT: 5.54 min Scan# 731
Delta R.T. -0.01 min
Lab File: VX018429.D
Acq: 16 Sep 2020 10:01

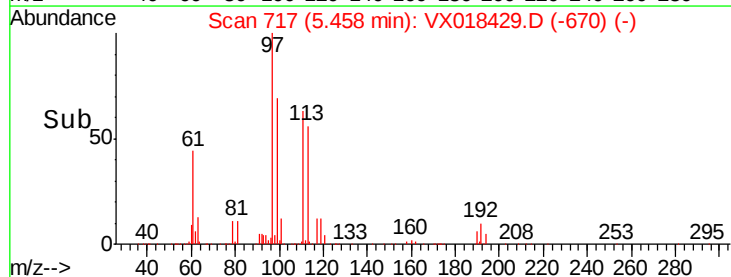
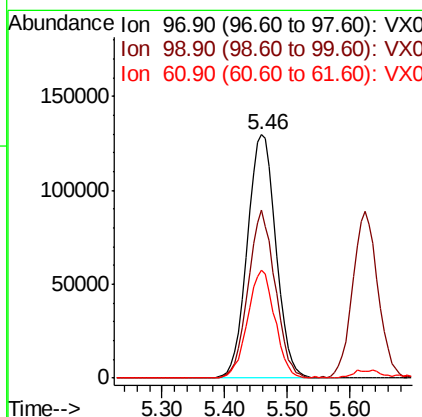
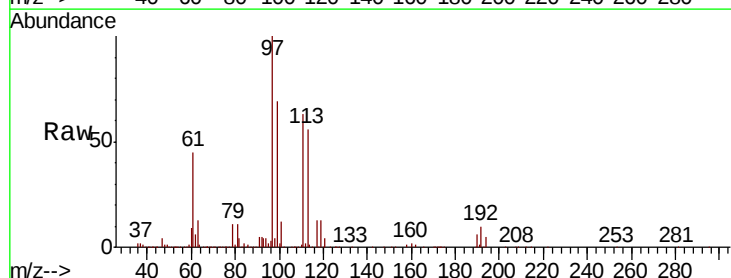
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

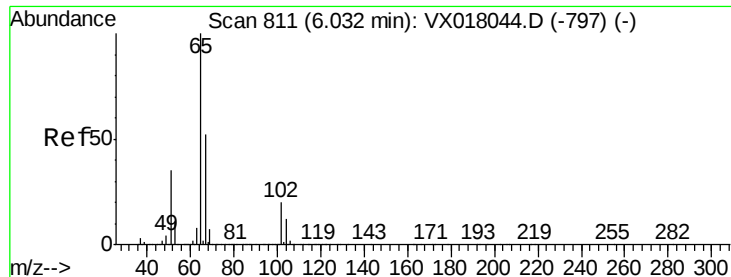
Tot Ion: 56 Resp: 321198
Ion Ratio Lower Upper
56 100
69 30.2 23.9 35.9
84 84.7 67.0 100.4



#32
1,1,1-Trichloroethane
Concen: 52.628 ug/l
RT: 5.46 min Scan# 717
Delta R.T. -0.01 min
Lab File: VX018429.D
Acq: 16 Sep 2020 10:01

Tgt Ion: 97 Resp: 408878
Ion Ratio Lower Upper
97 100
99 65.4 51.4 77.0
61 42.3 34.2 51.4





#33

1,2-Dichloroethane-d4

Concen: 48.501 ug/l

RT: 6.03 min Scan# 810

Delta R.T. -0.01 min

Lab File: VX018429.D

Acq: 16 Sep 2020 10:01

Instrument :

MSVOA_X

ClientSampleId :

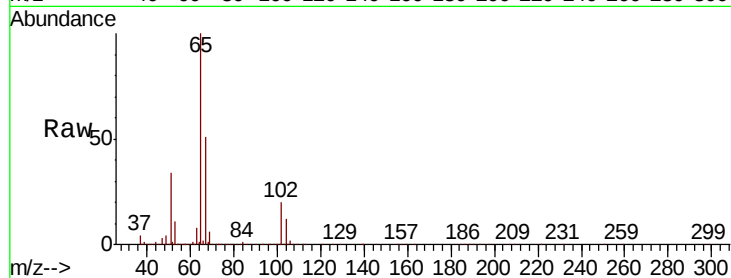
VSTDCCC050

Tot Ion: 65 Resp: 279081

Ion Ratio Lower Upper

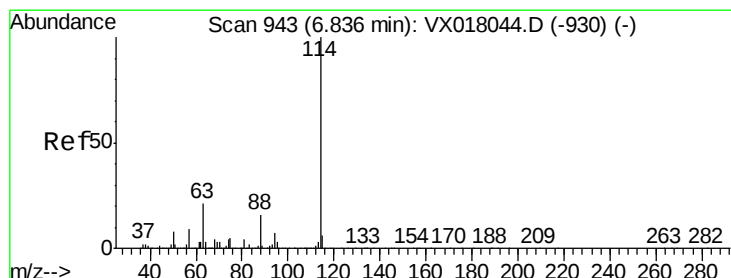
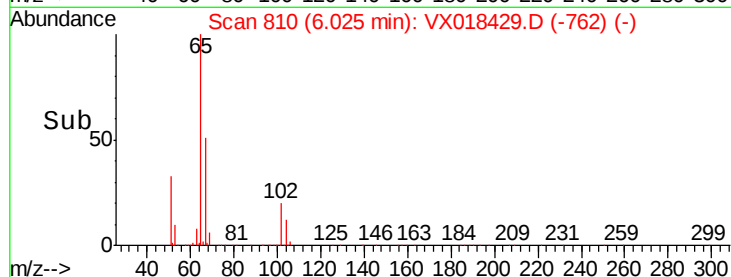
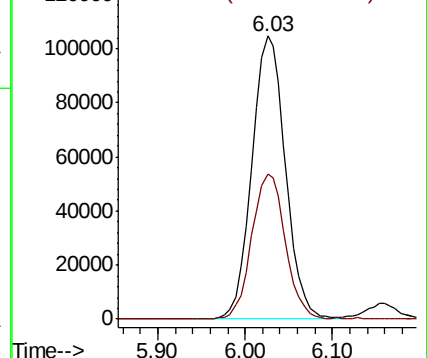
65 100

67 51.0 0.0 105.8



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: 6.82 min Scan# 941

Delta R.T. -0.01 min

Lab File: VX018429.D

Acq: 16 Sep 2020 10:01

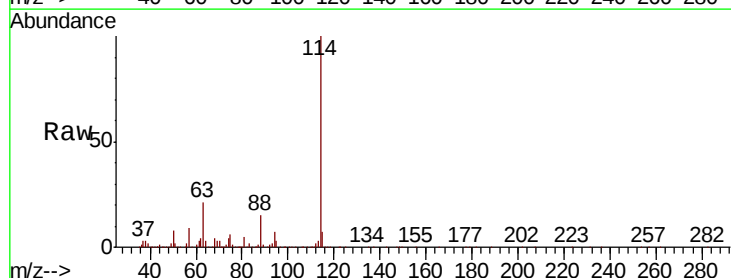
Tgt Ion: 114 Resp: 628564

Ion Ratio Lower Upper

114 100

63 20.5 0.0 42.6

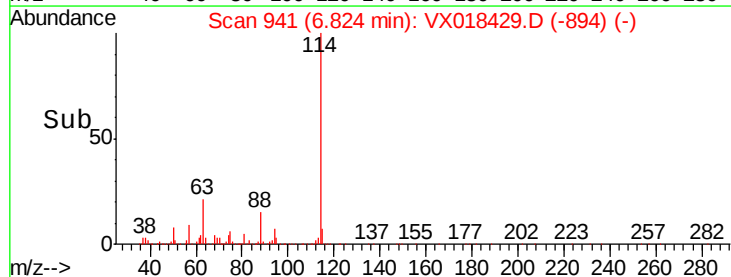
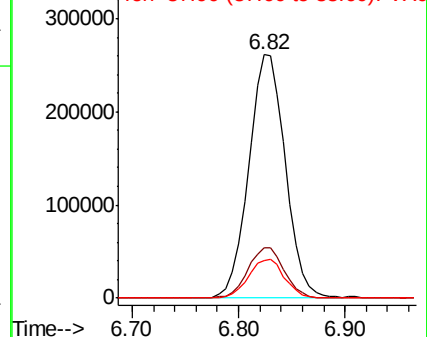
88 15.2 0.0 31.8

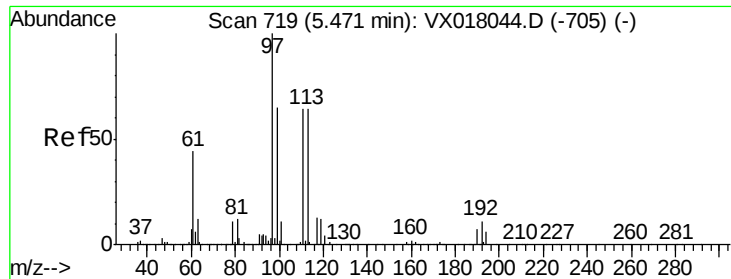


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

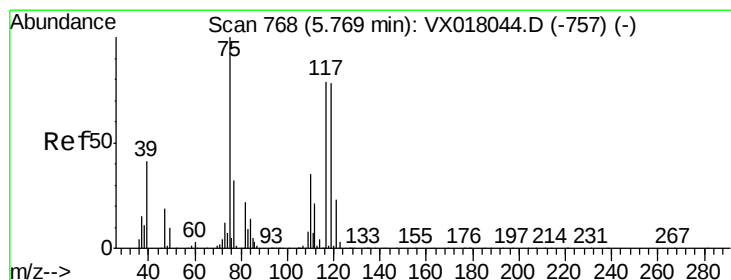
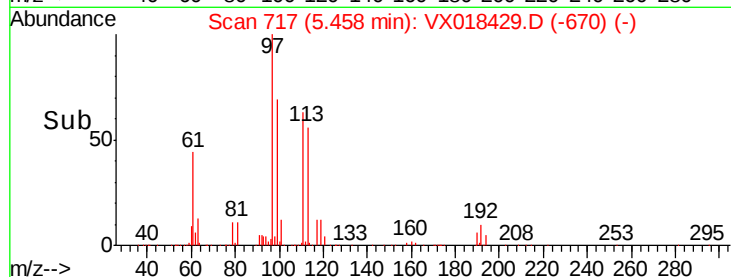
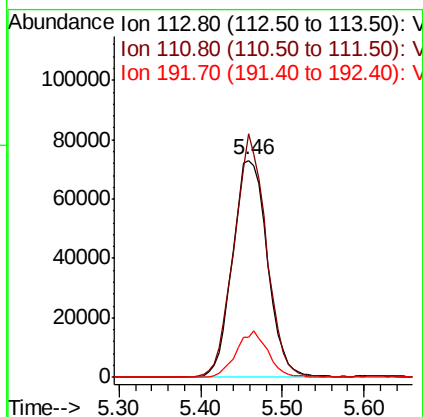
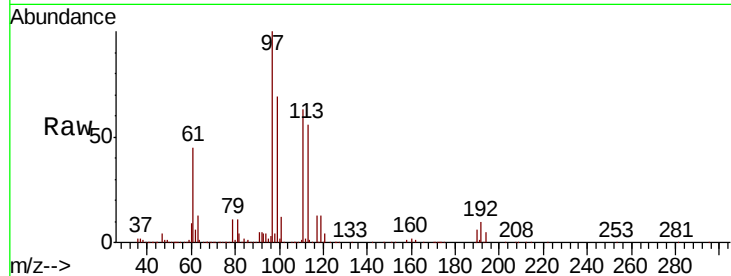




#35
 Dibromofluoromethane
 Concen: 50.655 ug/l
 RT: 5.46 min Scan# 717
 Delta R.T. -0.01 min
 Lab File: VX018429.D
 Acq: 16 Sep 2020 10:01

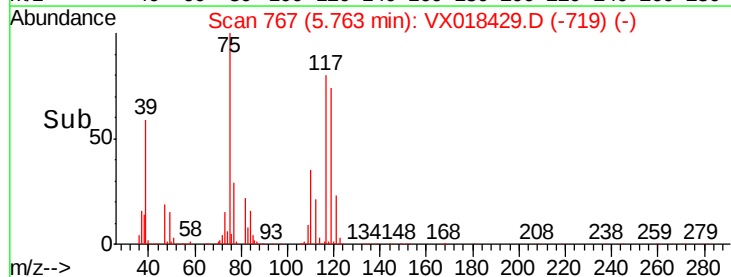
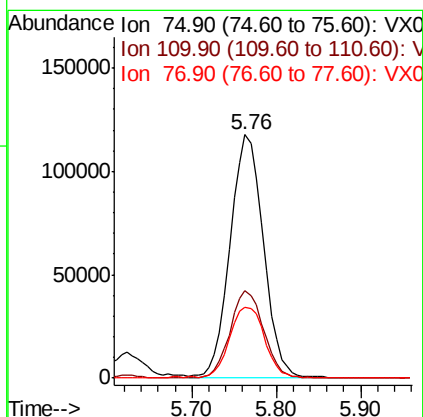
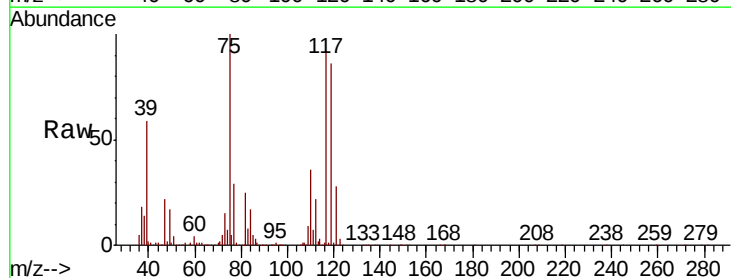
Instrument :
 MSVOA_X
 ClientSampled :
 VSTDCCC050

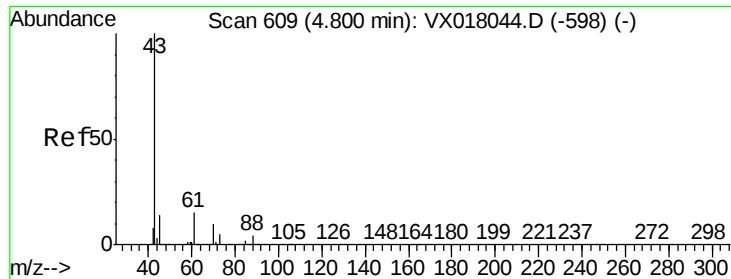
Tot Ion	Ratio	Lower	Upper
113	100		
111	103.4	81.6	122.4
192	19.4	15.8	23.8



#36
 1,1-Dichloropropene
 Concen: 54.017 ug/l
 RT: 5.76 min Scan# 767
 Delta R.T. -0.01 min
 Lab File: VX018429.D
 Acq: 16 Sep 2020 10:01

Tgt Ion	Ratio	Lower	Upper
75	100		
110	36.2	18.0	54.0
77	30.9	24.4	36.6

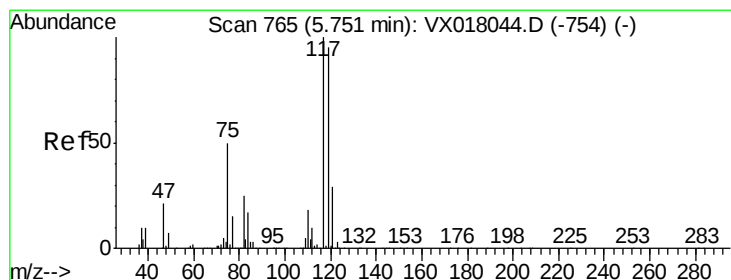
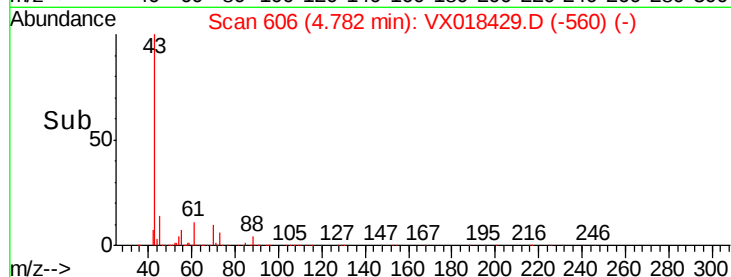
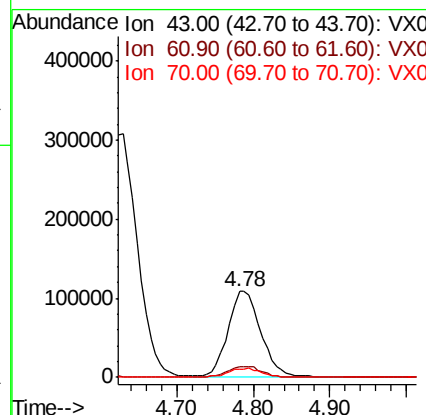
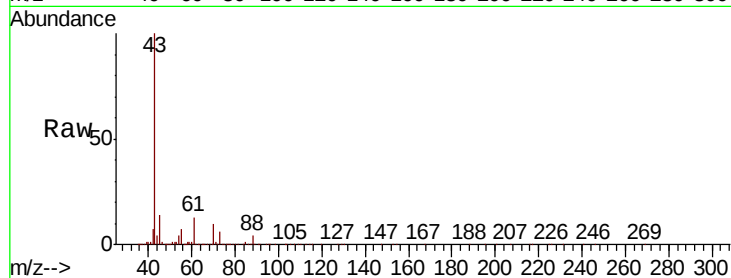




#37
Ethyl Acetate
Concen: 47.867 ug/l
RT: 4.78 min Scan# 606
Delta R.T. -0.02 min
Lab File: VX018429.D
Acq: 16 Sep 2020 10:01

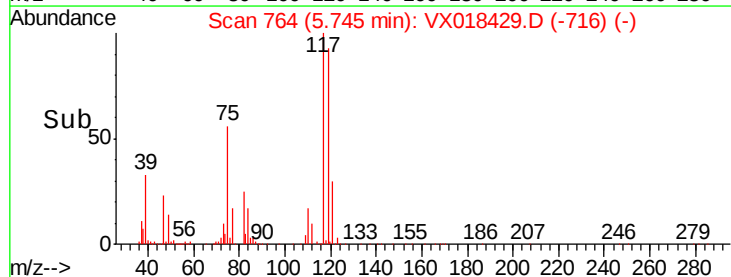
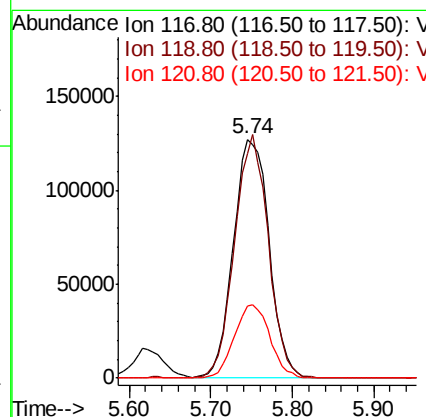
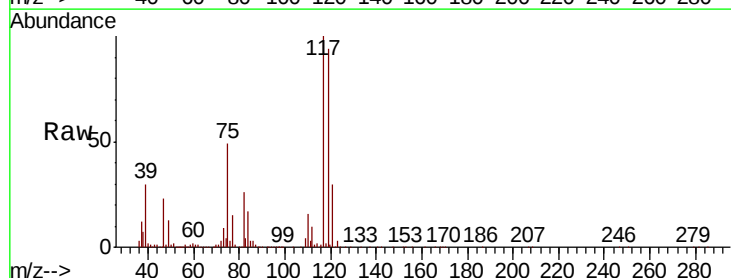
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

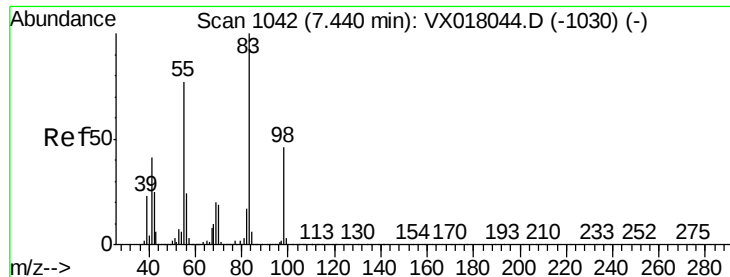
Tot Ion: 43 Resp: 322313
Ion Ratio Lower Upper
43 100
61 12.8 11.3 16.9
70 10.9 8.2 12.4



#38
Carbon Tetrachloride
Concen: 58.784 ug/l
RT: 5.74 min Scan# 764
Delta R.T. -0.01 min
Lab File: VX018429.D
Acq: 16 Sep 2020 10:01

Tgt Ion: 117 Resp: 384072
Ion Ratio Lower Upper
117 100
119 94.2 75.8 113.6
121 30.1 23.4 35.0

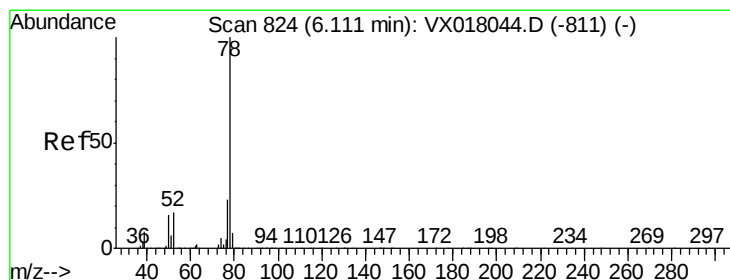
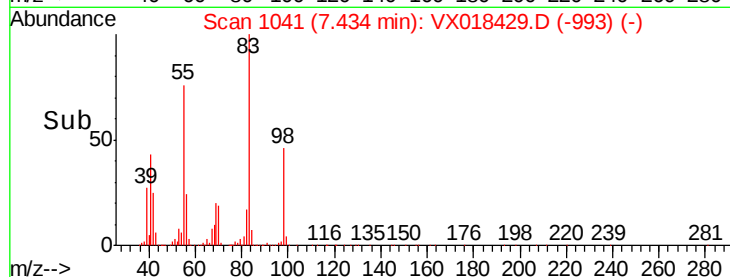
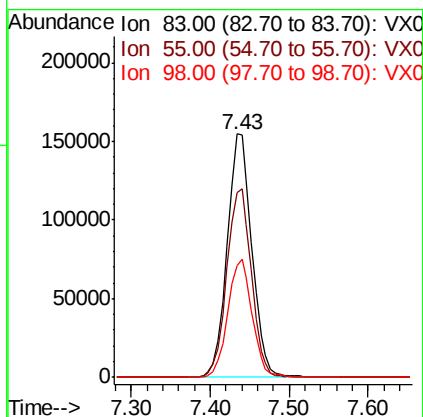
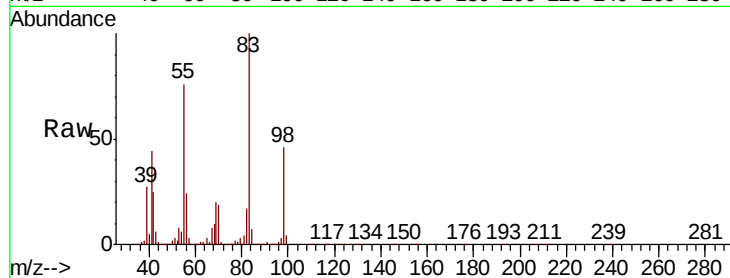




#39
Methvlcvclohexane
Concen: 53.009 ug/l
RT: 7.43 min Scan# 1041
Delta R.T. -0.01 min
Lab File: VX018429.D
Acq: 16 Sep 2020 10:01

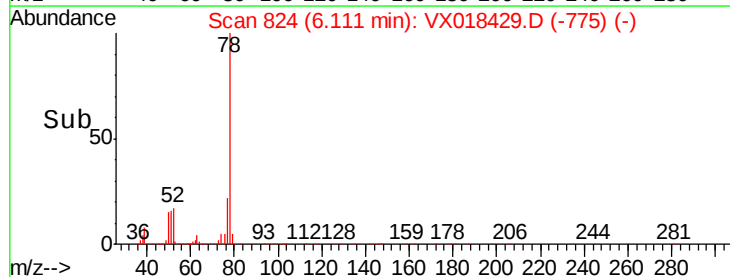
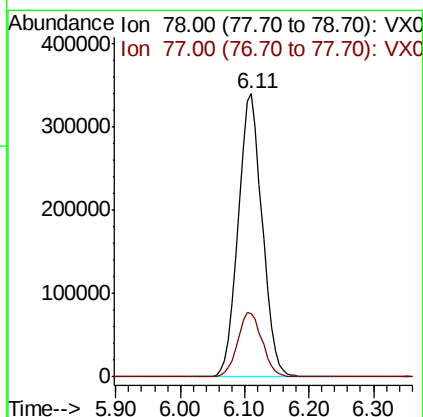
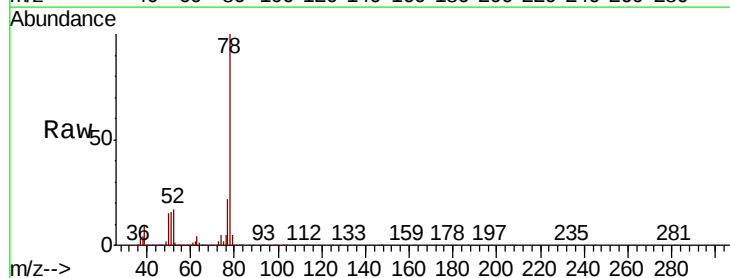
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

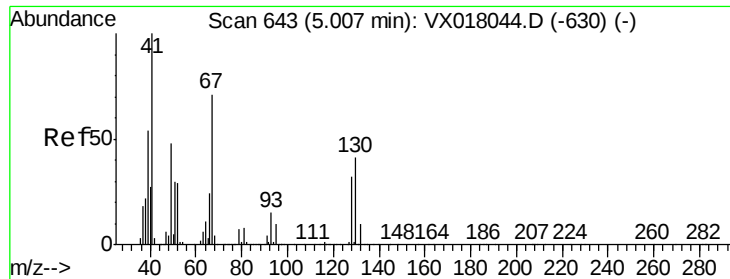
Tot Ion	Ratio	Lower	Upper
83	100		
55	75.8	61.8	92.6
98	46.0	36.6	55.0



#40
Benzene
Concen: 51.367 ug/l
RT: 6.11 min Scan# 824
Delta R.T. -0.00 min
Lab File: VX018429.D
Acq: 16 Sep 2020 10:01

Tgt Ion	Ratio	Lower	Upper
78	100		
77	22.4	18.2	27.2

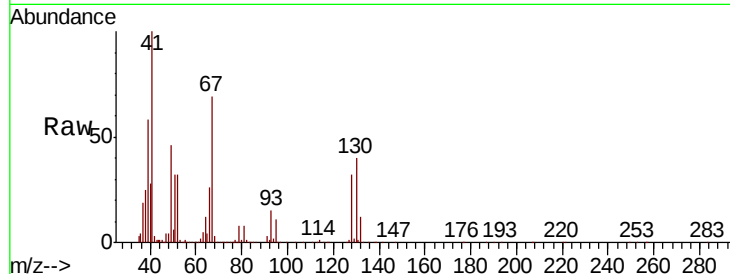




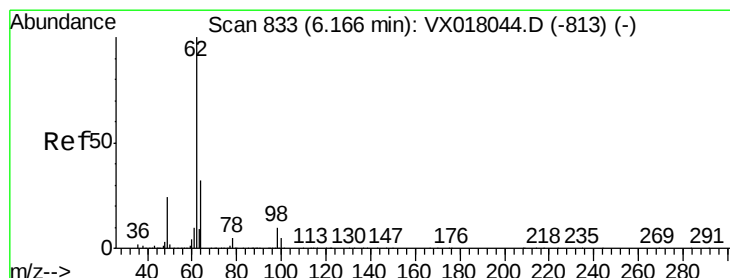
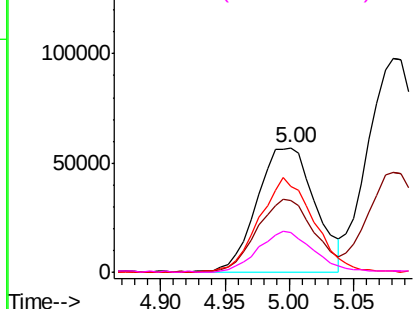
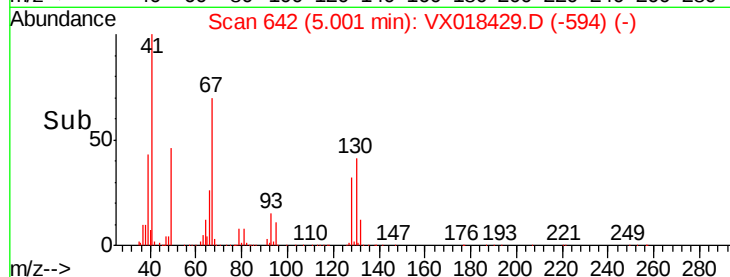
#41
Methacrylonitrile
Concen: 48.130 ug/l
RT: 5.00 min Scan# 642
Delta R.T. -0.01 min
Lab File: VX018429.D
Acq: 16 Sep 2020 10:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:	41	Resp:	177946
Ion	Ratio	Lower	Upper
41	100		
39	57.6	43.1	64.7
67	71.9	56.0	84.0
52	31.3	22.7	34.1

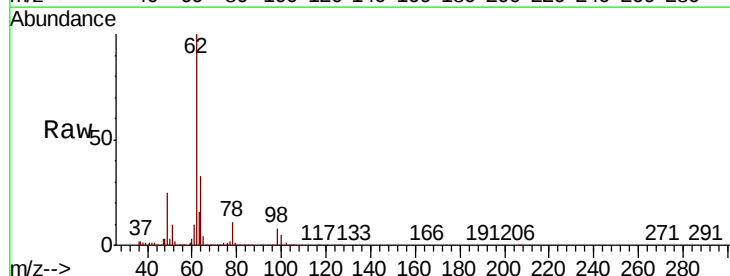


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

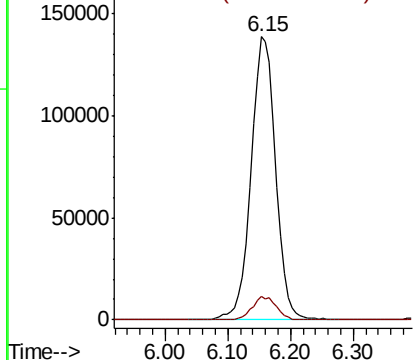
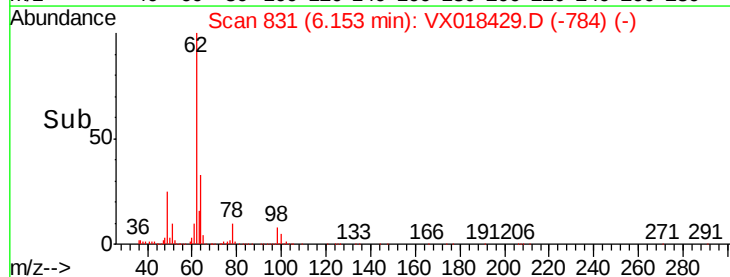


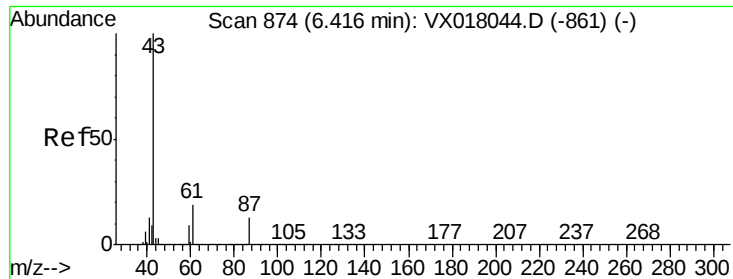
#42
1,2-Dichloroethane
Concen: 57.165 ug/l
RT: 6.15 min Scan# 831
Delta R.T. -0.01 min
Lab File: VX018429.D
Acq: 16 Sep 2020 10:01

Tgt Ion:	62	Resp:	373112
Ion	Ratio	Lower	Upper
62	100		
98	8.3	0.0	18.2



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



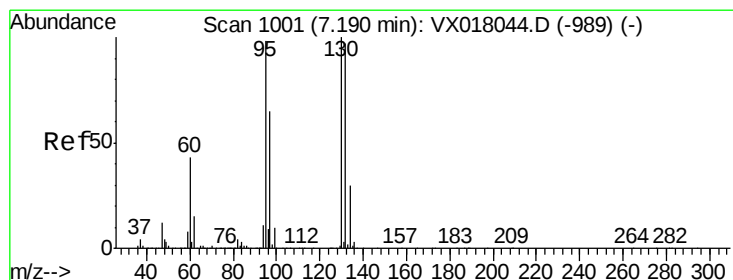
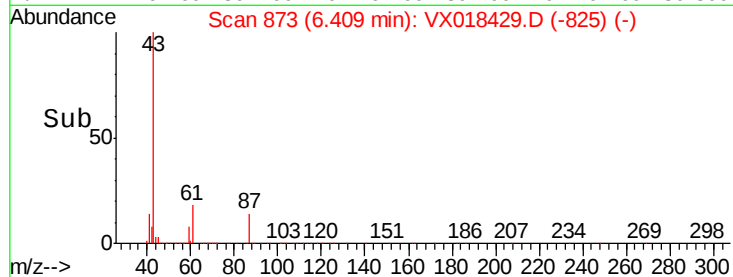
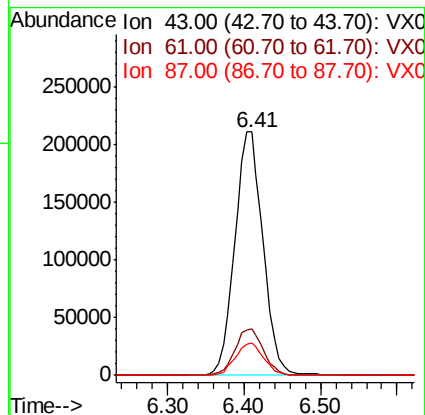
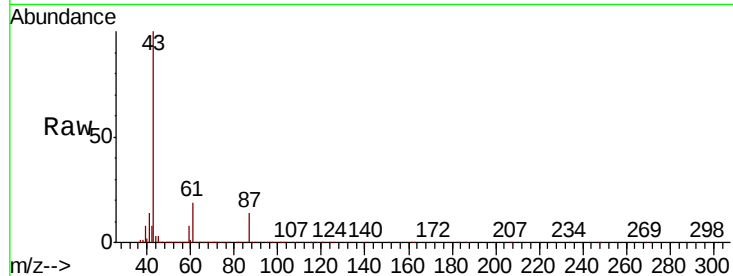


#43

Isopropyl Acetate
 Concen: 49.036 ug/l
 RT: 6.41 min Scan# 873
 Delta R.T. -0.01 min
 Lab File: VX018429.D
 Acq: 16 Sep 2020 10:01

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

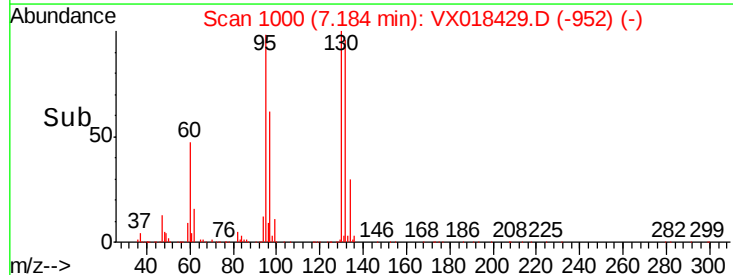
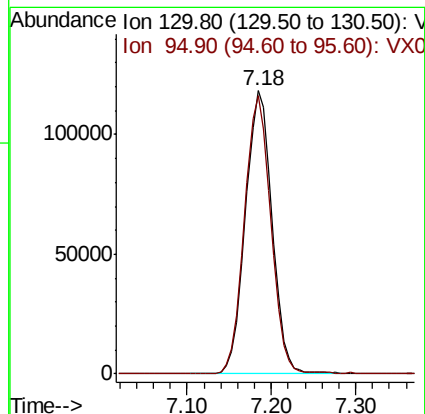
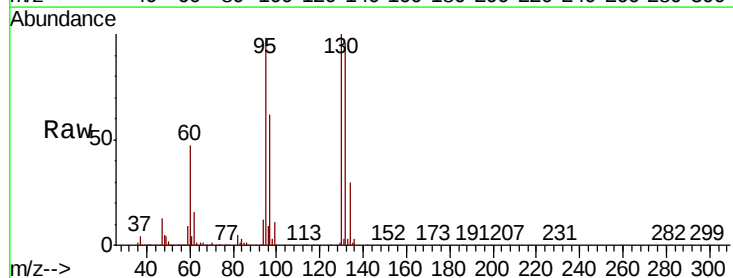
Tot Ion	Ratio	Lower	Upper
43	100		
61	19.6	15.7	23.5
87	13.4	10.3	15.5



#44

Trichloroethene
 Concen: 52.516 ug/l
 RT: 7.18 min Scan# 1000
 Delta R.T. -0.01 min
 Lab File: VX018429.D
 Acq: 16 Sep 2020 10:01

Tgt Ion	Ratio	Lower	Upper
130	100		
95	98.2	0.0	196.4





#45

1,2-Dichloropropane

Concen: 51.889 ug/l

RT: 7.48 min Scan# 1049

Delta R.T. -0.01 min

Lab File: VX018429.D

Acq: 16 Sep 2020 10:01

Instrument :

MSVOA_X

ClientSampleId :

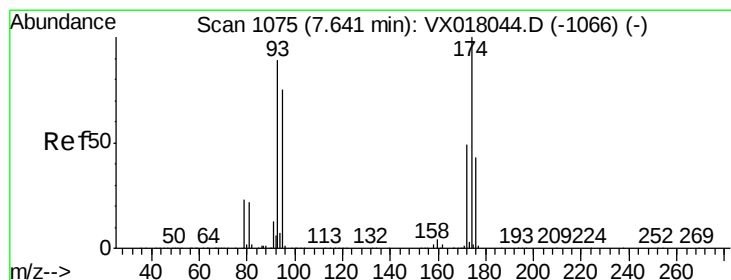
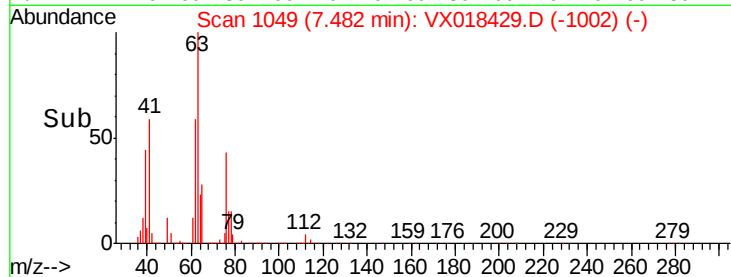
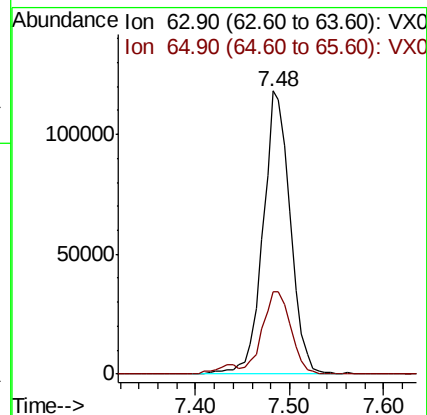
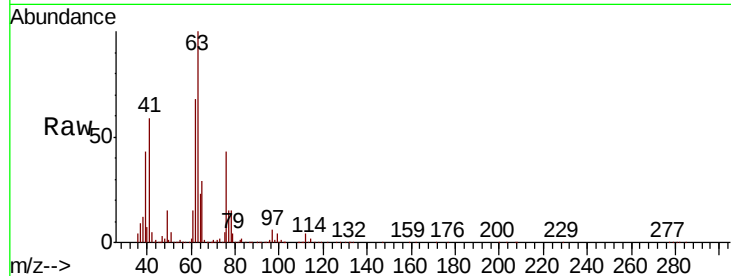
VSTDCCC050

Tot Ion: 63 Resp: 238240

Ion Ratio Lower Upper

63 100

65 28.9 25.7 38.5



#46

Dibromomethane

Concen: 52.282 ug/l

RT: 7.63 min Scan# 1074

Delta R.T. -0.01 min

Lab File: VX018429.D

Acq: 16 Sep 2020 10:01

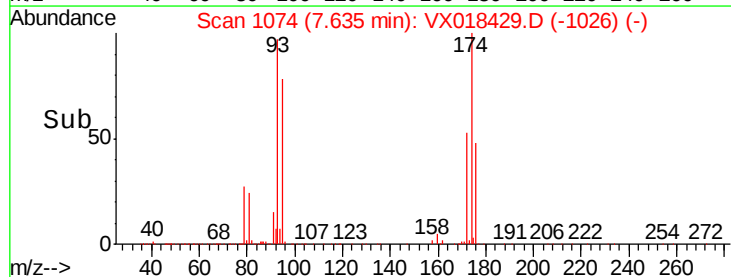
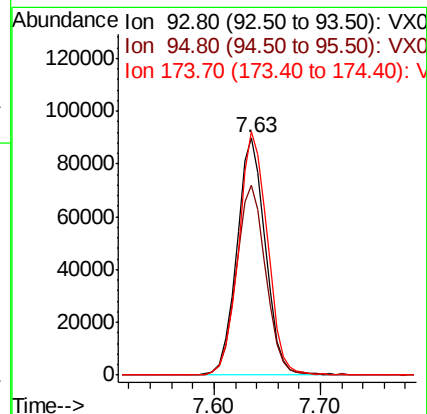
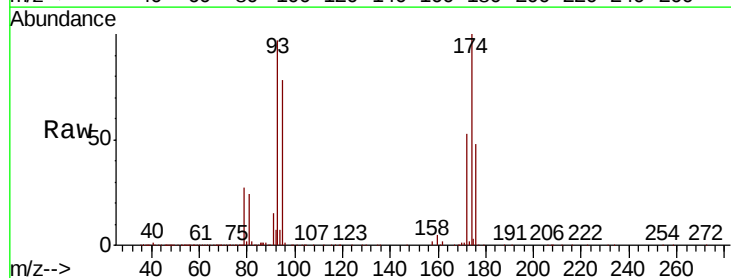
Tgt Ion: 93 Resp: 168804

Ion Ratio Lower Upper

93 100

95 82.4 67.3 100.9

174 103.9 82.2 123.2





#47

Bromodichloromethane

Concen: 55.744 ug/l

RT: 7.87 min Scan# 1113

Delta R.T. -0.01 min

Lab File: VX018429.D

Acq: 16 Sep 2020 10:01

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

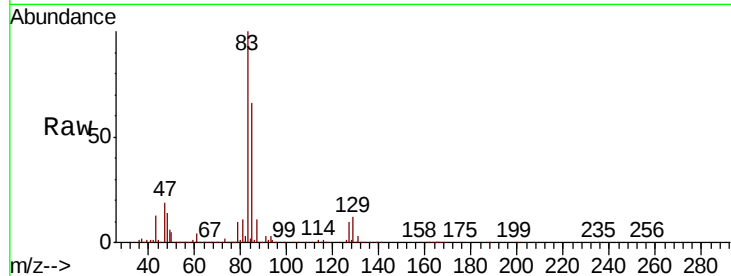
Tot Ion: 83 Resp: 359365

Ion Ratio Lower Upper

83 100

85 66.1 51.8 77.6

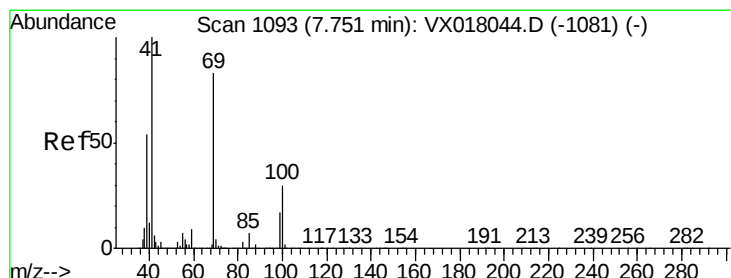
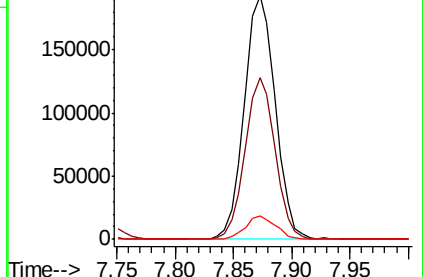
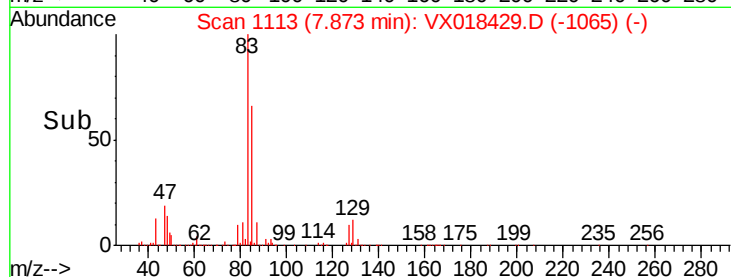
127 9.7 7.7 11.5



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 50.038 ug/l

RT: 7.74 min Scan# 1092

Delta R.T. -0.01 min

Lab File: VX018429.D

Acq: 16 Sep 2020 10:01

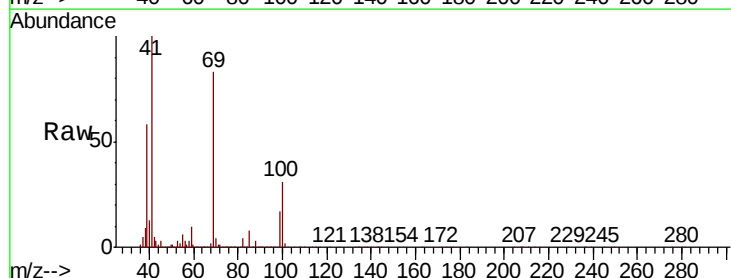
Tgt Ion: 41 Resp: 270908

Ion Ratio Lower Upper

41 100

69 81.8 65.5 98.3

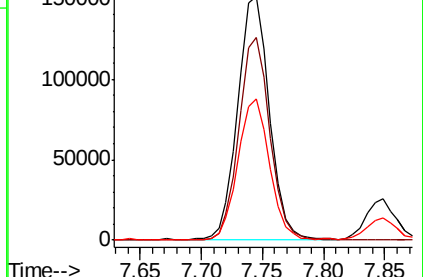
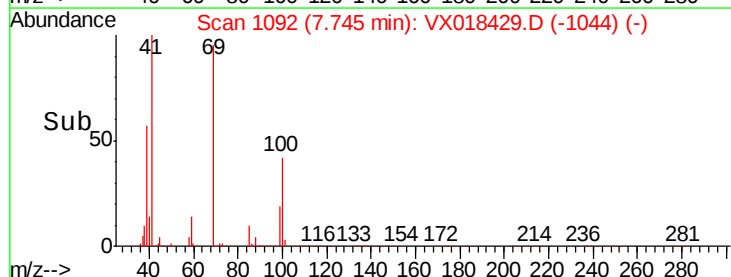
39 57.5 44.5 66.7

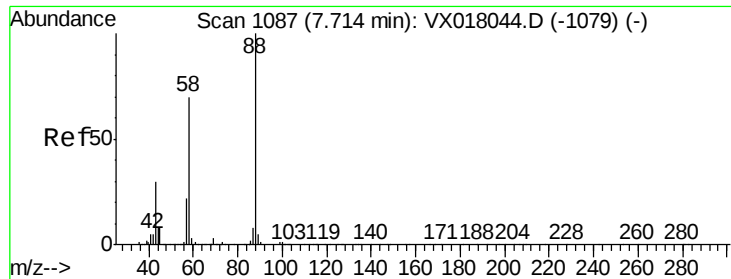


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

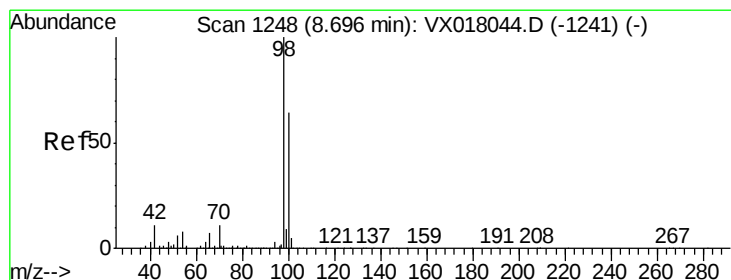
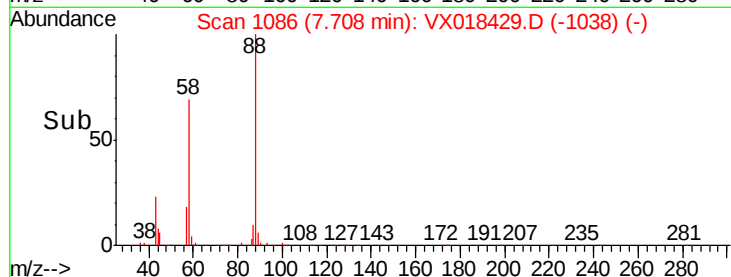
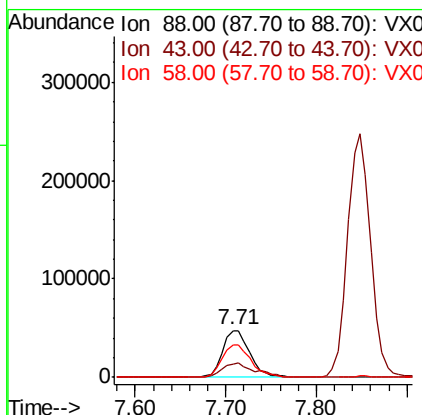
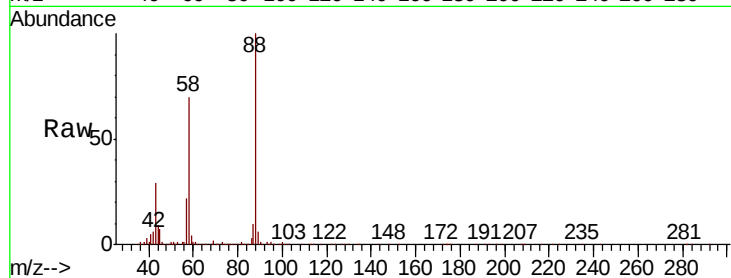




#49
1,4-Dioxane
Concen: 1011.906 ug/l
RT: 7.71 min Scan# 1086
Delta R.T. -0.01 min
Lab File: VX018429.D
Acq: 16 Sep 2020 10:01

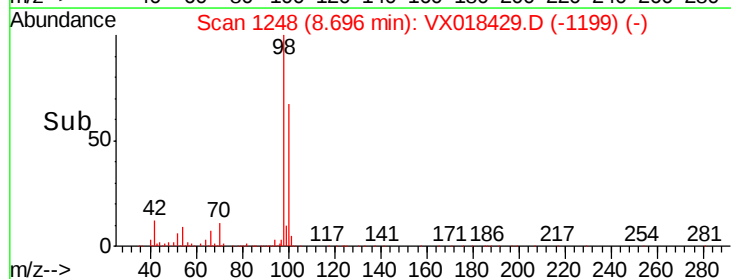
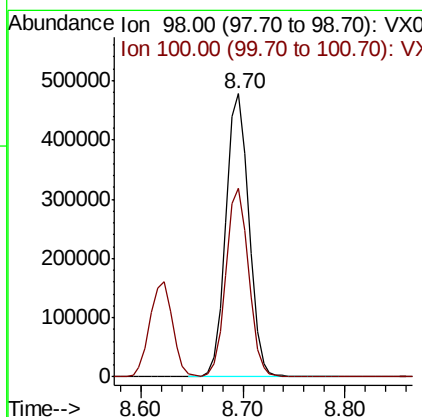
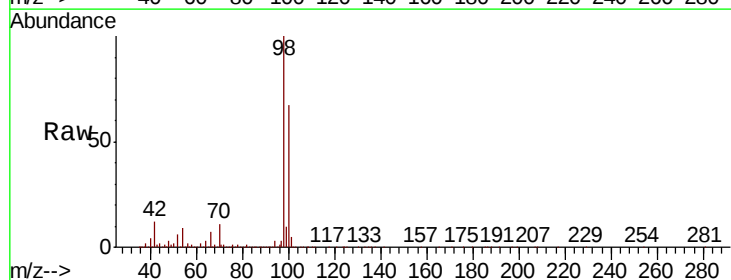
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

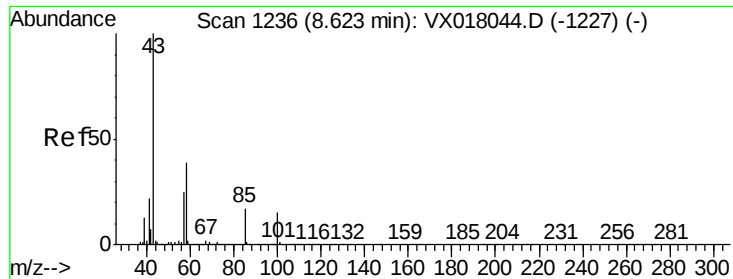
Tot Ion: 88 Resp: 99239
Ion Ratio Lower Upper
88 100
43 36.2 27.4 41.0
58 73.8 56.4 84.6



#50
Toluene-d8
Concen: 46.654 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VX018429.D
Acq: 16 Sep 2020 10:01

Tgt Ion: 98 Resp: 743864
Ion Ratio Lower Upper
98 100
100 66.0 52.2 78.4





#51

4-Methyl-2-Pentanone

Concen: 247.674 ug/l

RT: 8.62 min Scan# 1235

Delta R.T. -0.01 min

Lab File: VX018429.D

Acq: 16 Sep 2020 10:01

Instrument :

MSVOA_X

ClientSampleId :

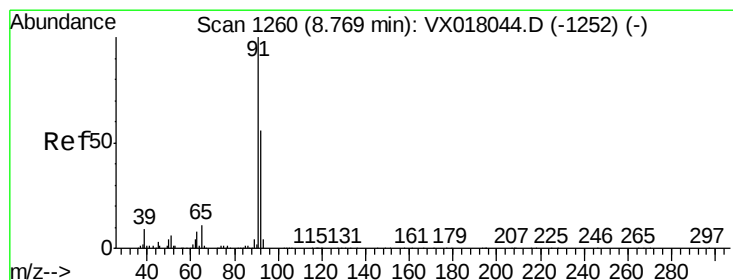
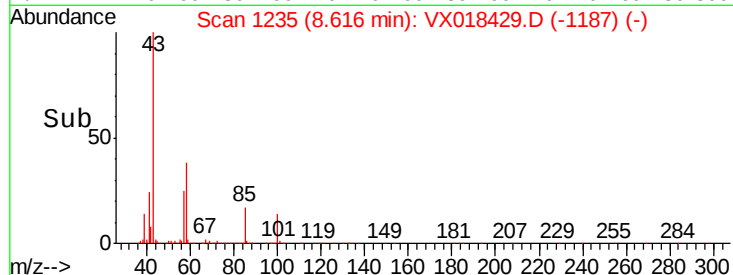
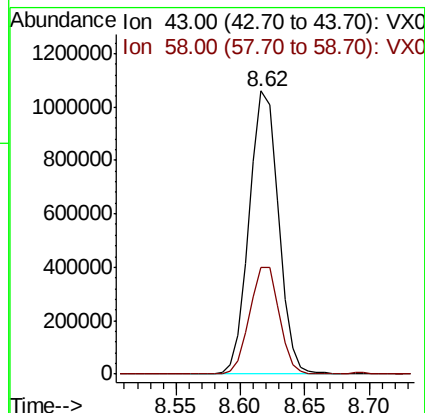
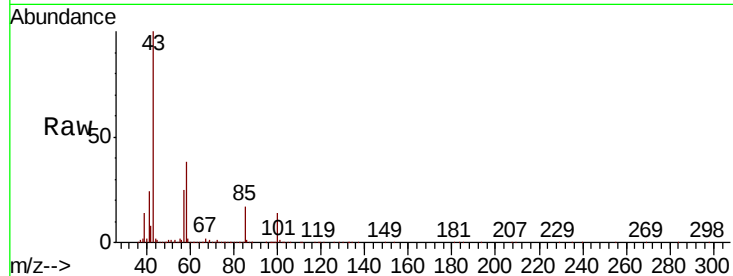
VSTDCCC050

Tot Ion: 43 Resp: 1663900

Ion Ratio Lower Upper

43 100

58 38.5 30.7 46.1



#52

Toluene

Concen: 52.384 ug/l

RT: 8.76 min Scan# 1259

Delta R.T. -0.01 min

Lab File: VX018429.D

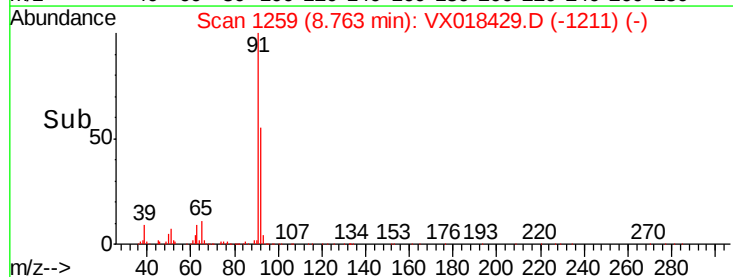
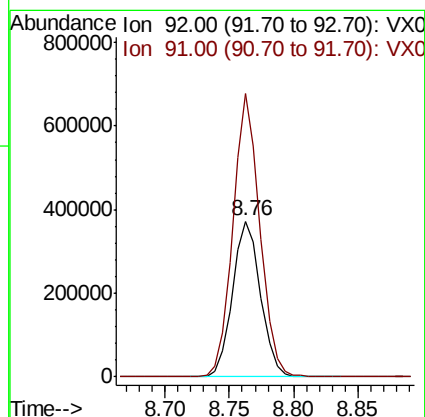
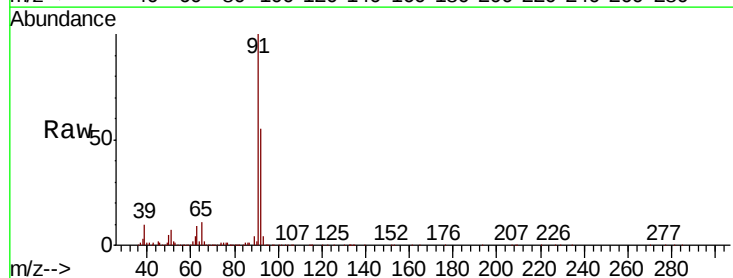
Acq: 16 Sep 2020 10:01

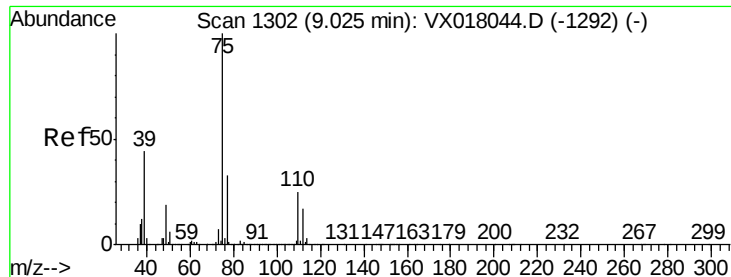
Tgt Ion: 92 Resp: 565859

Ion Ratio Lower Upper

92 100

91 174.5 140.3 210.5

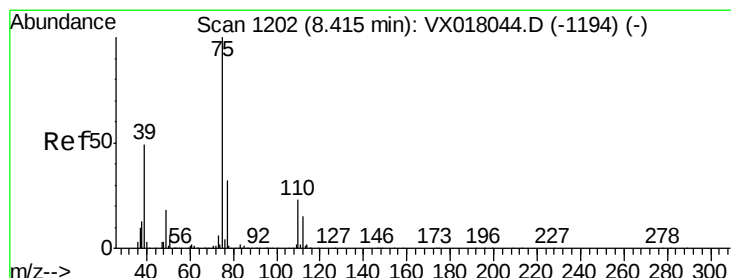
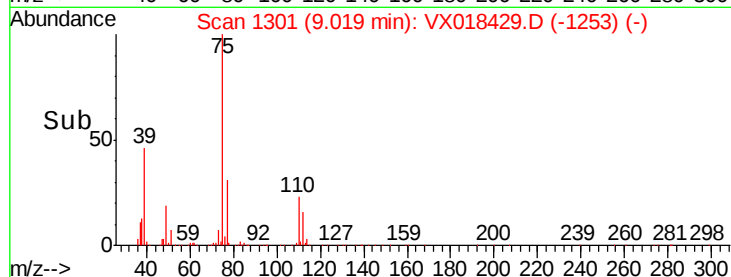
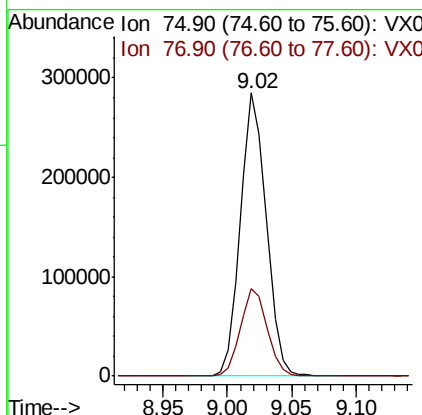
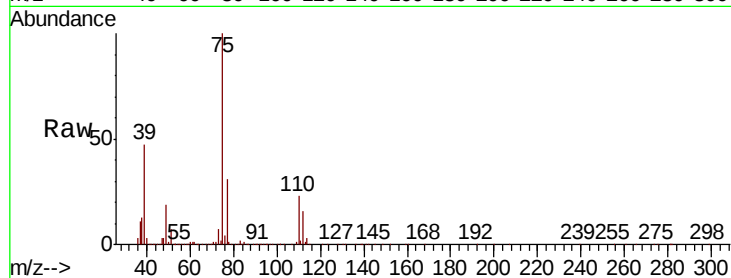




#53
 t-1,3-Dichloropropene
 Concen: 55.513 ug/l
 RT: 9.02 min Scan# 1301
 Delta R.T. -0.01 min
 Lab File: VX018429.D
 Acq: 16 Sep 2020 10:01

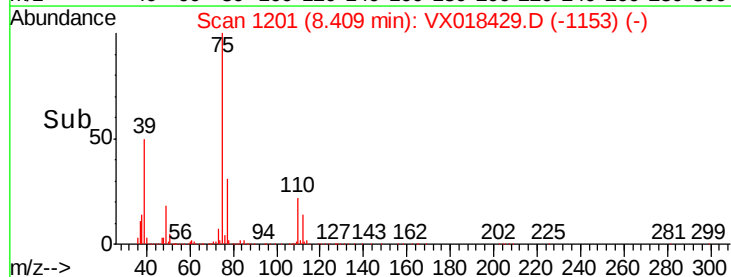
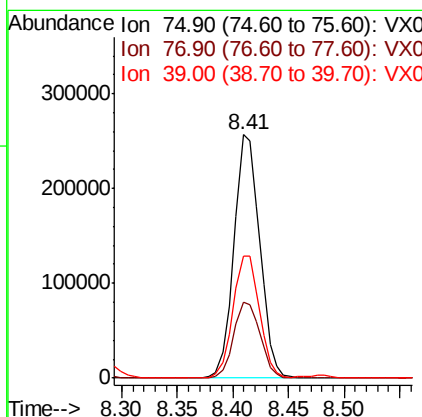
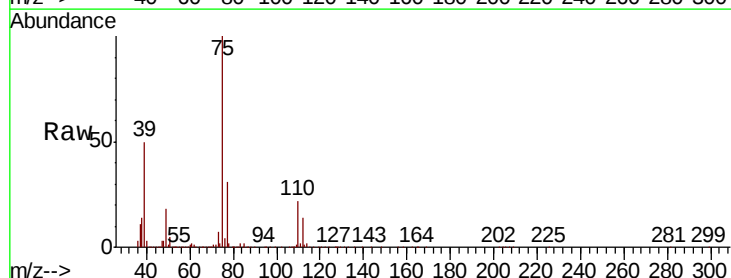
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

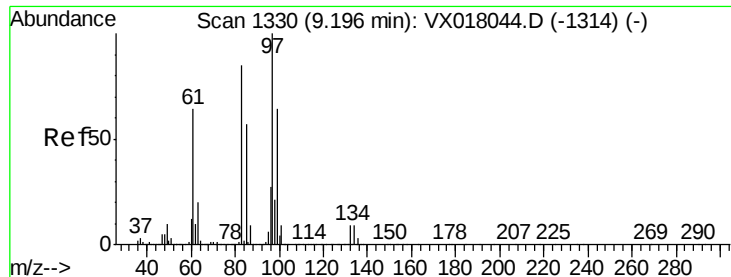
Tot Ion: 75 Resp: 396637
 Ion Ratio Lower Upper
 75 100
 77 30.8 26.6 39.8



#54
 cis-1,3-Dichloropropene
 Concen: 54.509 ug/l
 RT: 8.41 min Scan# 1201
 Delta R.T. -0.01 min
 Lab File: VX018429.D
 Acq: 16 Sep 2020 10:01

Tgt Ion: 75 Resp: 412574
 Ion Ratio Lower Upper
 75 100
 77 30.9 25.8 38.8
 39 50.1 38.8 58.2





#55

1,1,2-Trichloroethane

Concen: 52.396 ug/l

RT: 9.20 min Scan# 1330

Delta R.T. -0.00 min

Lab File: VX018429.D

Acq: 16 Sep 2020 10:01

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 97 Resp: 241391

Ion	Ratio	Lower	Upper
97	100		
83	83.3	67.8	101.6
85	53.2	45.3	67.9
99	60.9	50.9	76.3

97 100

83 83.3 67.8 101.6

85 53.2 45.3 67.9

99 60.9 50.9 76.3

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

250000

200000

150000

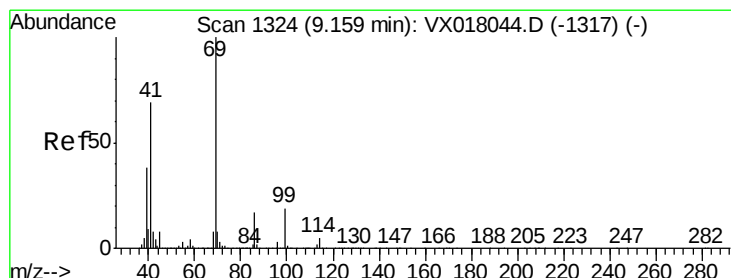
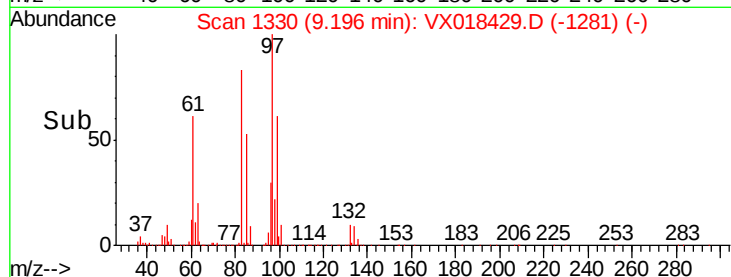
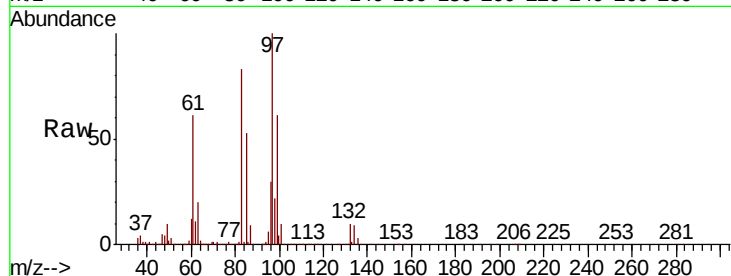
100000

50000

0

9.10 9.20 9.30

Time-->



#56

Ethyl methacrylate

Concen: 51.959 ug/l

RT: 9.16 min Scan# 1324

Delta R.T. -0.00 min

Lab File: VX018429.D

Acq: 16 Sep 2020 10:01

Tgt Ion: 69 Resp: 355857

Ion	Ratio	Lower	Upper
69	100		
41	68.3	54.6	81.8
39	38.3	29.1	43.7

69 100

41 68.3 54.6 81.8

39 38.3 29.1 43.7

Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

300000

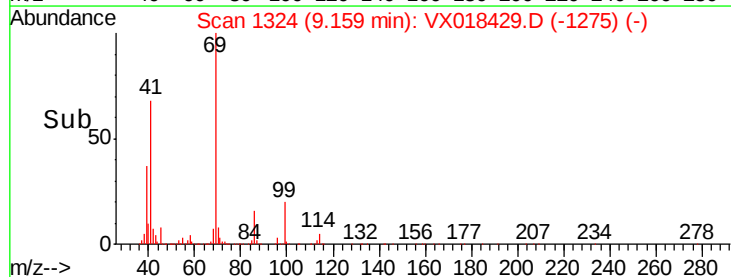
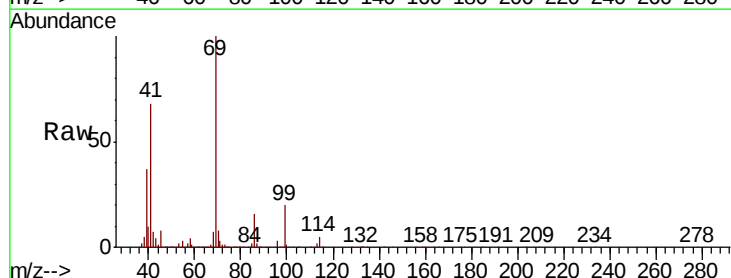
200000

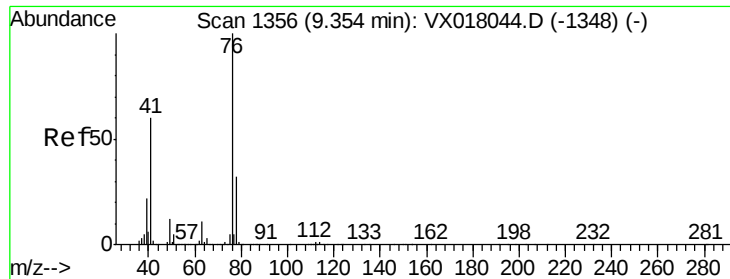
100000

0

9.10 9.20 9.30

Time-->





#57

1,3-Dichloropropane

Concen: 52.645 ug/l

RT: 9.35 min Scan# 1355

Delta R.T. -0.01 min

Lab File: VX018429.D

Acq: 16 Sep 2020 10:01

Instrument :

MSVOA_X

ClientSampleId :

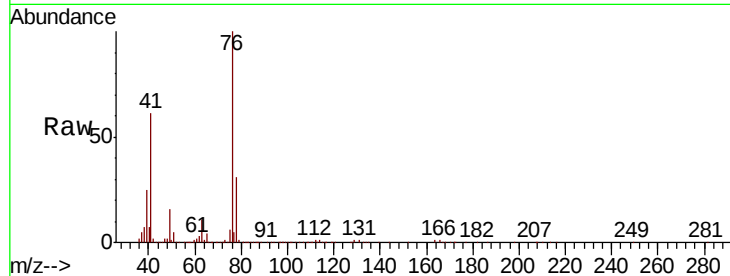
VSTDCCC050

Tot Ion: 76 Resp: 400028

Ion Ratio Lower Upper

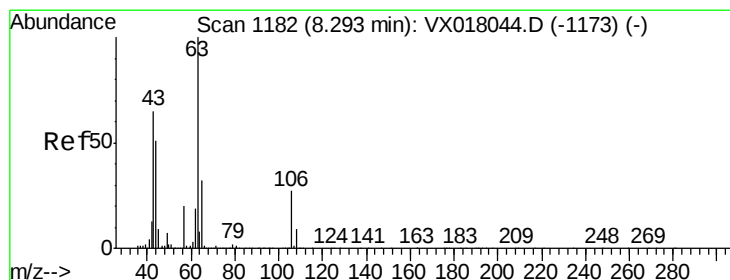
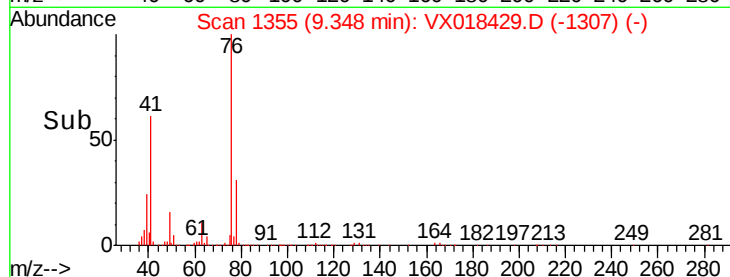
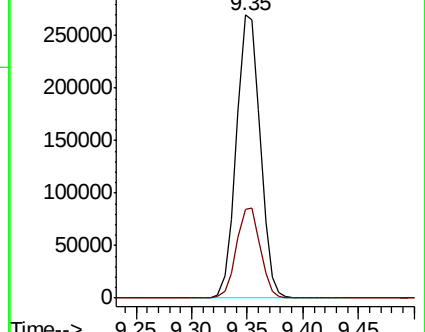
76 100

78 32.0 25.8 38.6



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 296.107 ug/l

RT: 8.29 min Scan# 1181

Delta R.T. -0.01 min

Lab File: VX018429.D

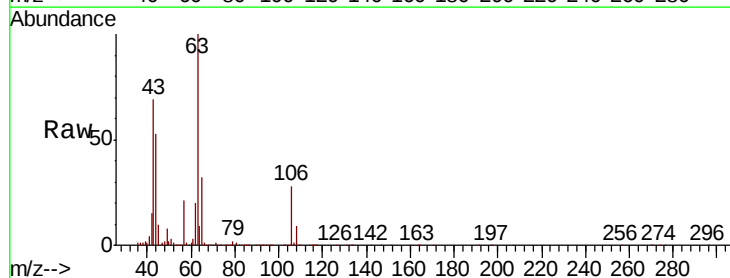
Acq: 16 Sep 2020 10:01

Tgt Ion: 63 Resp: 912283

Ion Ratio Lower Upper

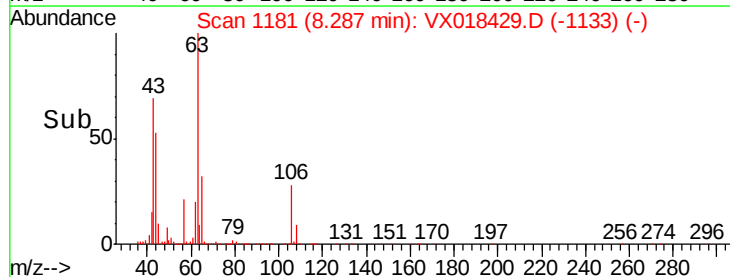
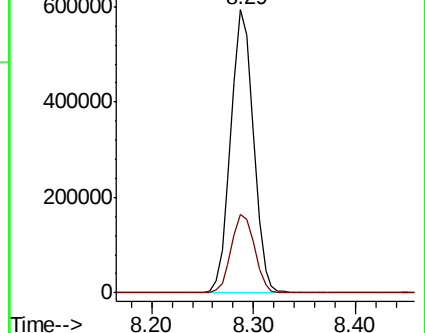
63 100

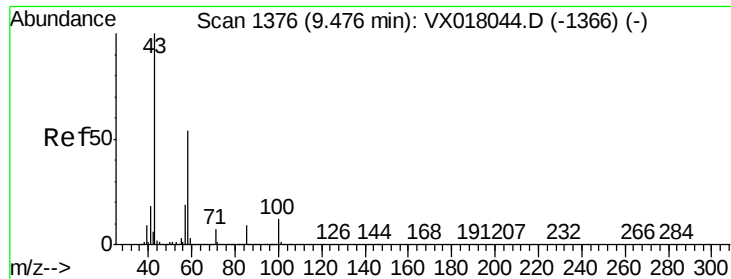
106 28.5 22.1 33.1



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

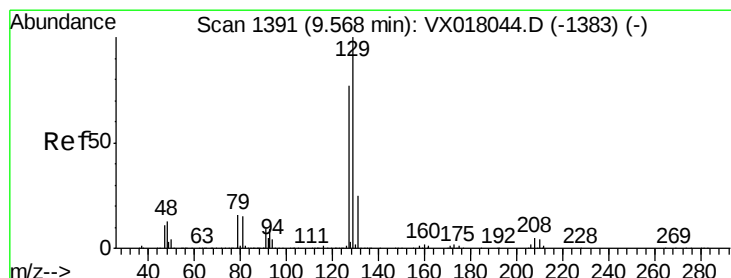
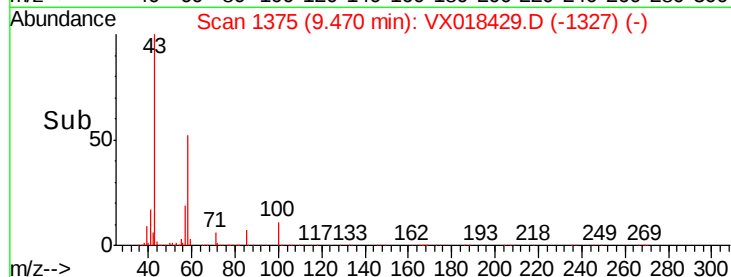
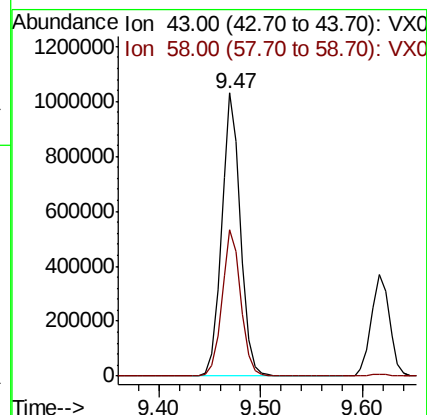
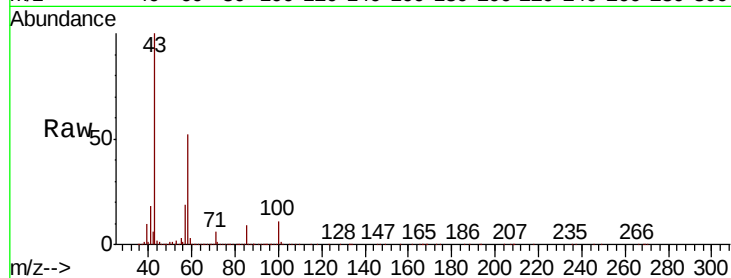




#59
2-Hexanone
Concen: 259.092 ug/l
RT: 9.47 min Scan# 1375
Delta R.T. -0.01 min
Lab File: VX018429.D
Acq: 16 Sep 2020 10:01

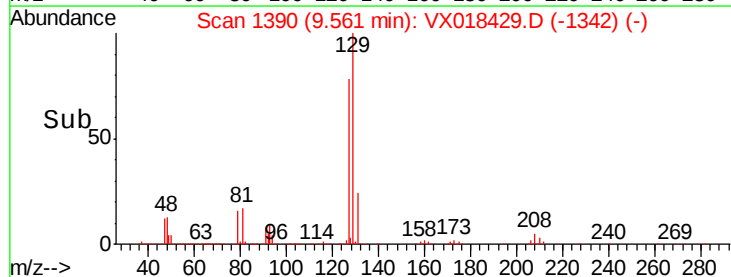
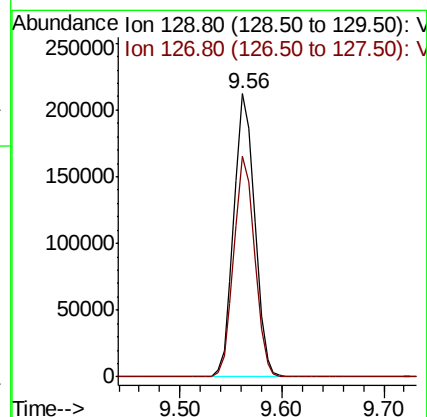
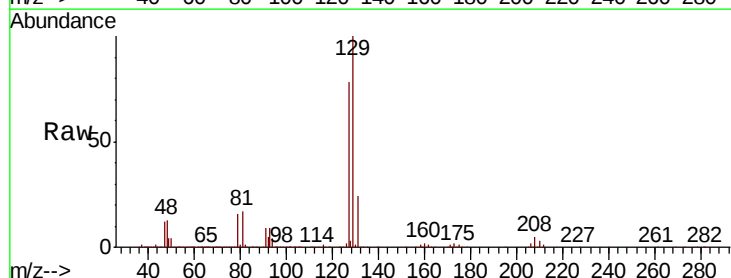
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

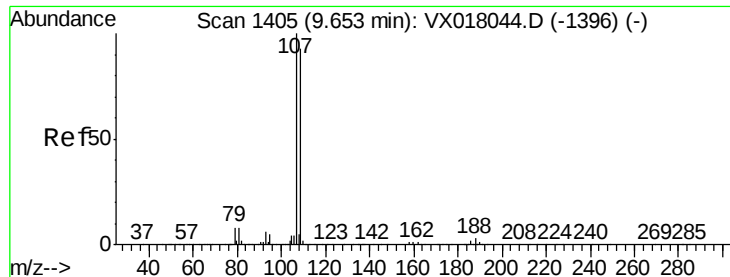
Tot Ion: 43 Resp: 1323530
Ion Ratio Lower Upper
43 100
58 52.0 26.6 79.7



#60
Dibromochloromethane
Concen: 55.733 ug/l
RT: 9.56 min Scan# 1390
Delta R.T. -0.01 min
Lab File: VX018429.D
Acq: 16 Sep 2020 10:01

Tgt Ion: 129 Resp: 301208
Ion Ratio Lower Upper
129 100
127 77.5 38.9 116.6





#61

1,2-Dibromoethane

Concen: 51.706 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. -0.00 min

Lab File: VX018429.D

Acq: 16 Sep 2020 10:01

Instrument :

MSVOA_X

ClientSampleId :

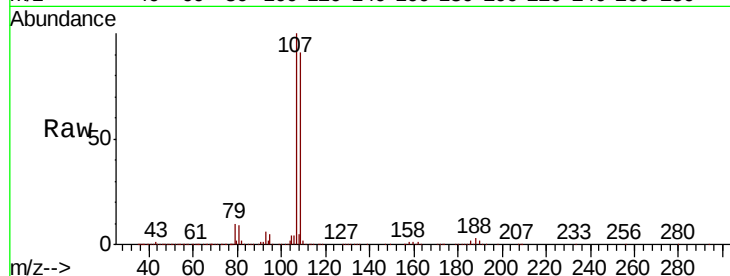
VSTDCCC050

Tot Ion:107 Resp: 258615

Ion Ratio Lower Upper

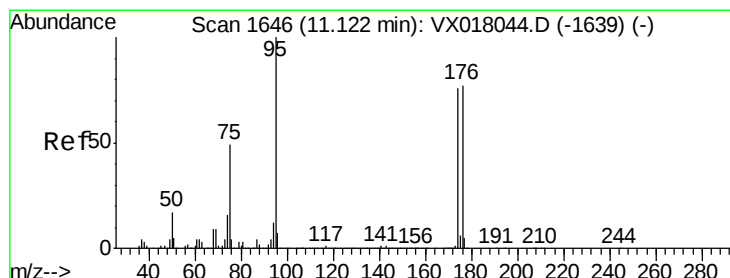
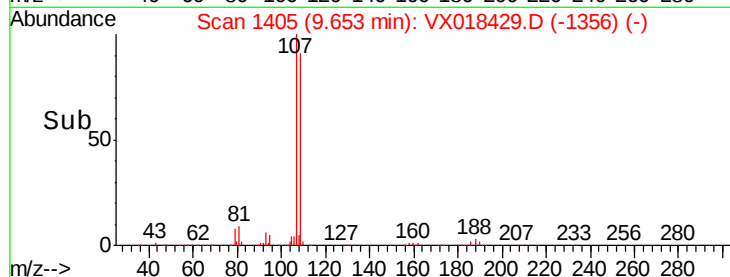
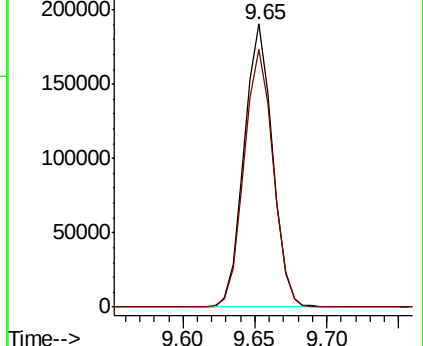
107 100

109 93.5 75.9 113.9



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 50.375 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX018429.D

Acq: 16 Sep 2020 10:01

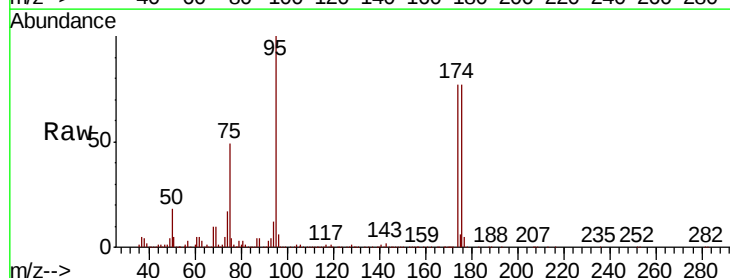
Tgt Ion: 95 Resp: 316005

Ion Ratio Lower Upper

95 100

174 80.4 0.0 160.2

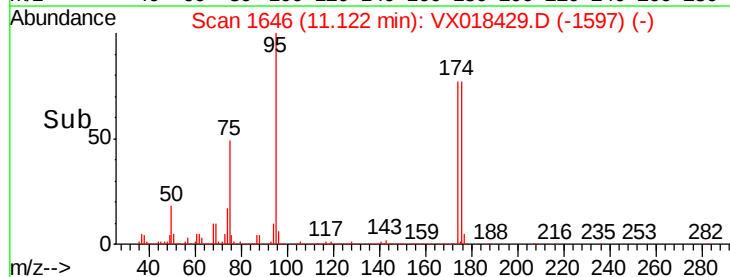
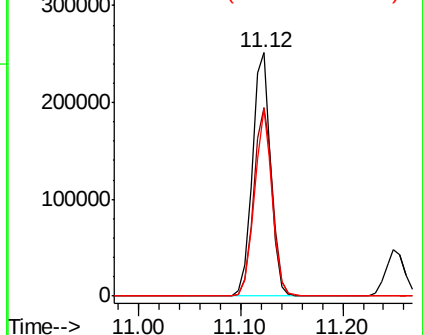
176 74.8 0.0 155.8

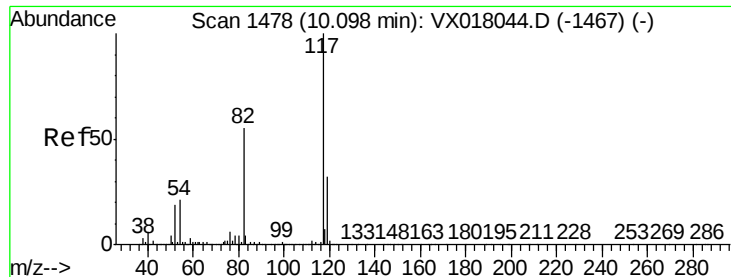


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

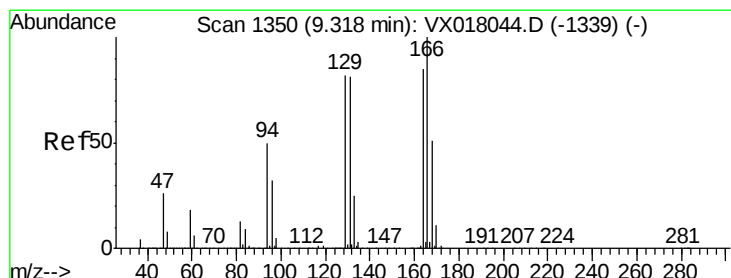
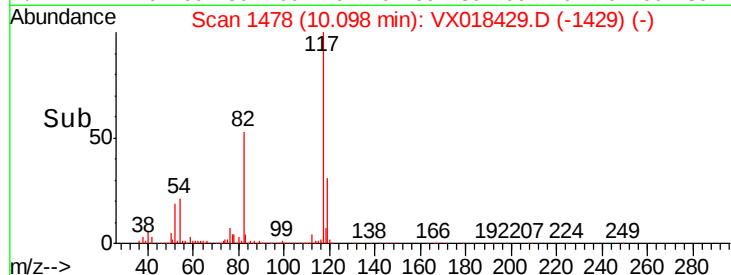
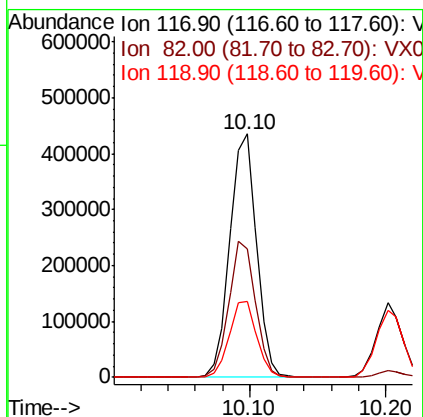
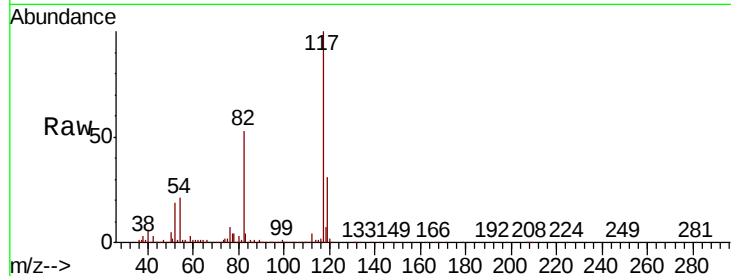




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX018429.D
Acq: 16 Sep 2020 10:01

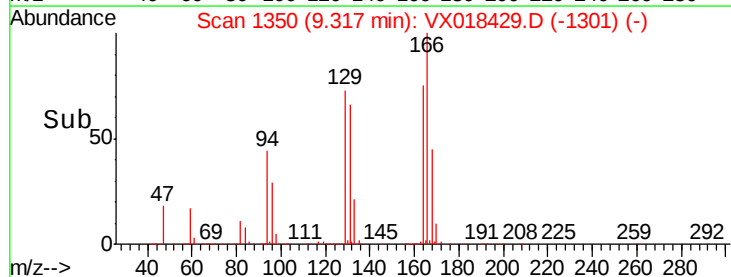
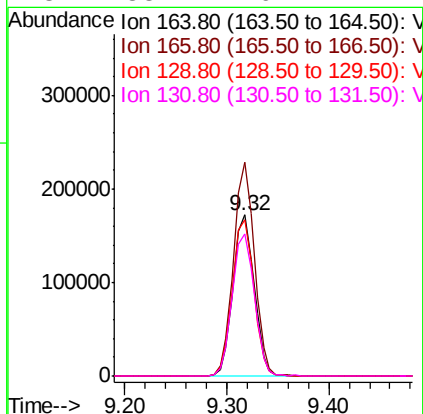
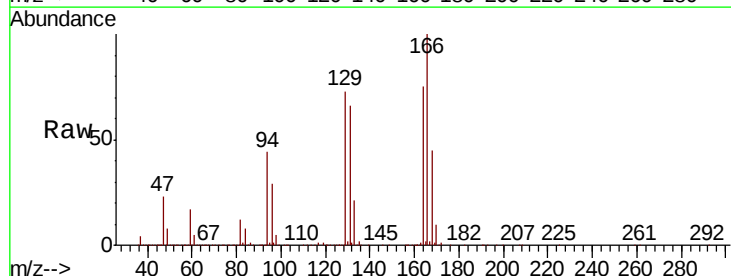
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

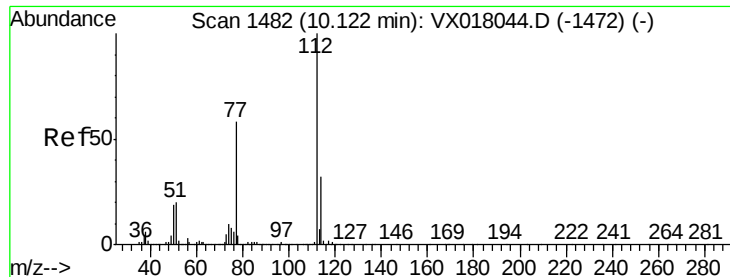
Tot Ion:117 Resp: 594792
Ion Ratio Lower Upper
117 100
82 52.6 44.2 66.2
119 31.2 25.7 38.5



#64
Tetrachloroethene
Concen: 56.143 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX018429.D
Acq: 16 Sep 2020 10:01

Tgt Ion:164 Resp: 245394
Ion Ratio Lower Upper
164 100
166 132.9 94.2 141.2
129 97.1 76.9 115.3
131 88.1 76.1 114.1





#65

Chlorobenzene

Concen: 54.494 ug/l

RT: 10.12 min Scan# 1482

Delta R.T. -0.00 min

Lab File: VX018429.D

Acq: 16 Sep 2020 10:01

Instrument :

MSVOA_X

ClientSampleId :

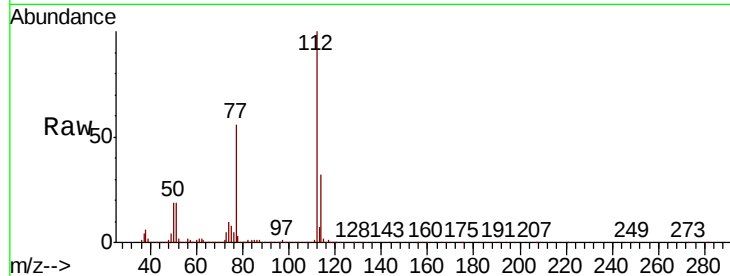
VSTDCCC050

Tot Ion:112 Resp: 647344

Ion Ratio Lower Upper

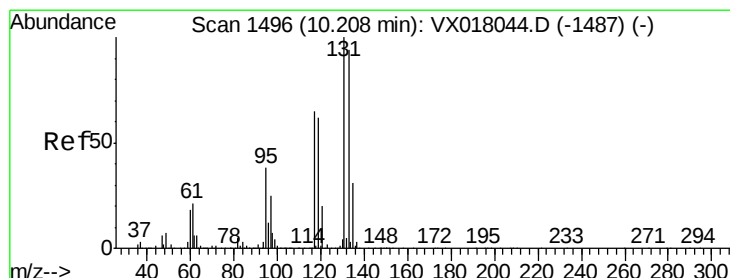
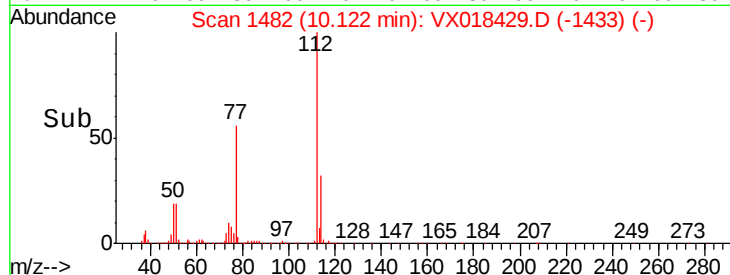
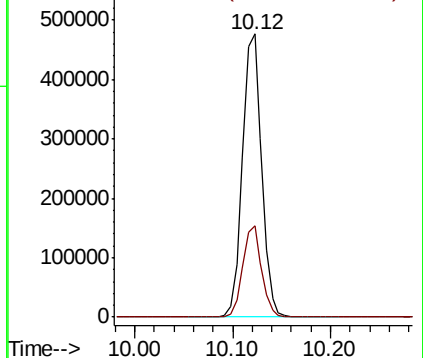
112 100

114 32.4 25.7 38.5



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 56.577 ug/l

RT: 10.20 min Scan# 1495

Delta R.T. -0.01 min

Lab File: VX018429.D

Acq: 16 Sep 2020 10:01

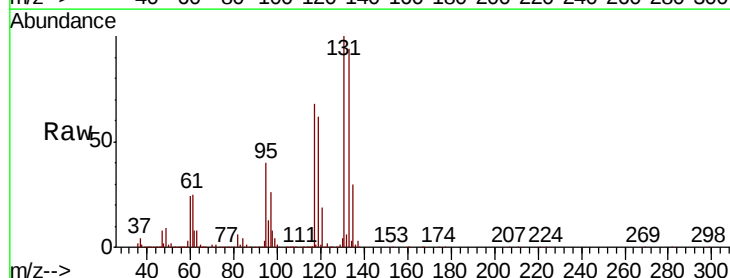
Tgt Ion:131 Resp: 264898

Ion Ratio Lower Upper

131 100

133 93.5 46.7 140.1

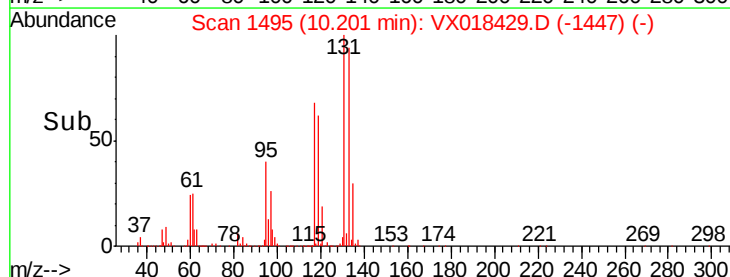
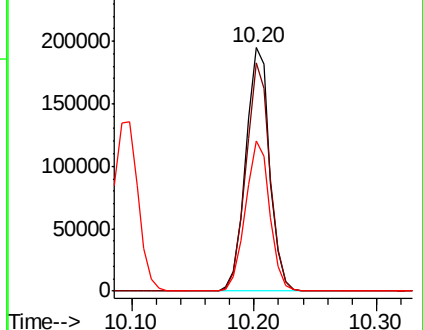
119 62.4 31.8 95.4

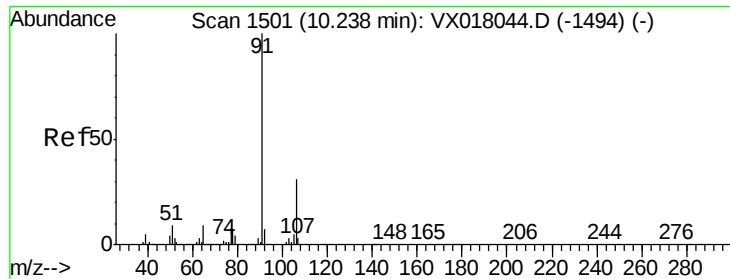


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

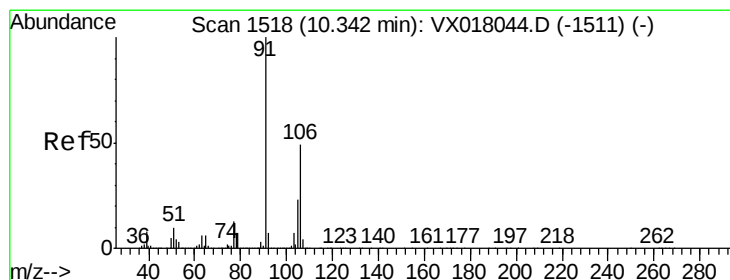
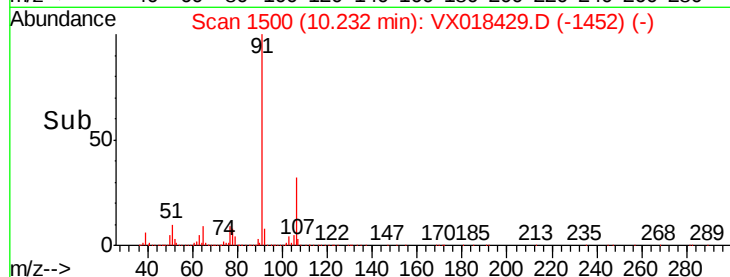
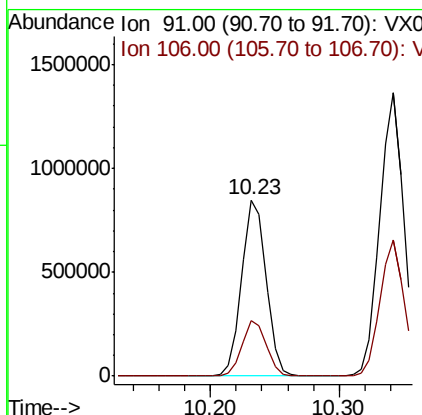
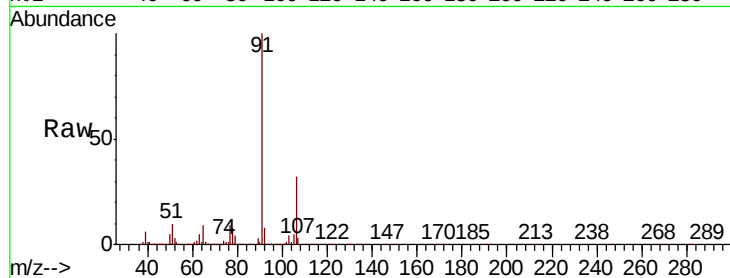




#67
Ethyl Benzene
Concen: 55.140 ug/l
RT: 10.23 min Scan# 1500
Delta R.T. -0.01 min
Lab File: VX018429.D
Acq: 16 Sep 2020 10:01

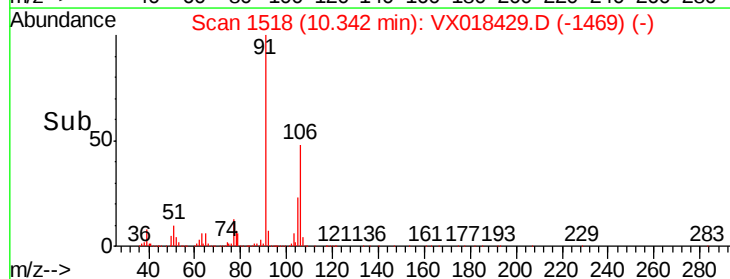
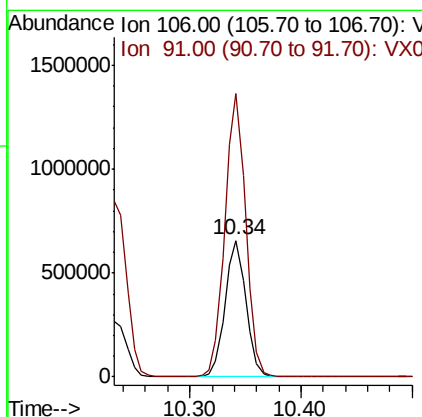
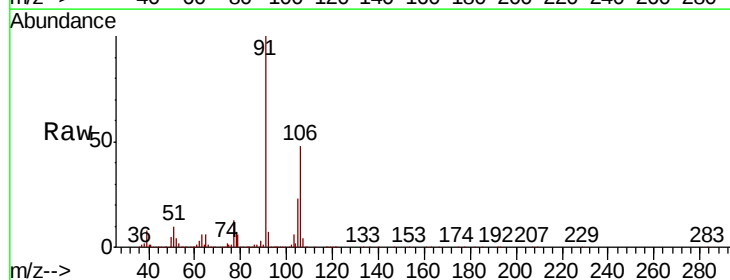
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 91 Resp: 1113929
Ion Ratio Lower Upper
91 100
106 31.7 24.9 37.3



#68
m/p-Xylenes
Concen: 112.224 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. -0.00 min
Lab File: VX018429.D
Acq: 16 Sep 2020 10:01

Tgt Ion: 106 Resp: 846199
Ion Ratio Lower Upper
106 100
91 208.1 162.2 243.2

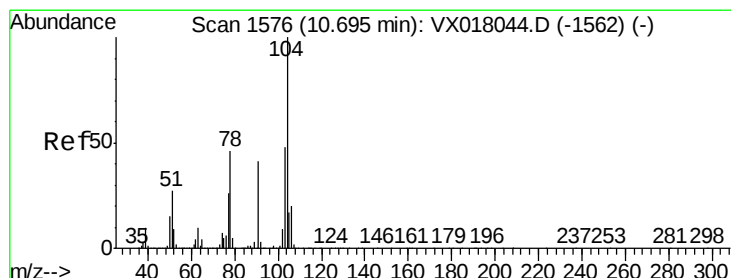
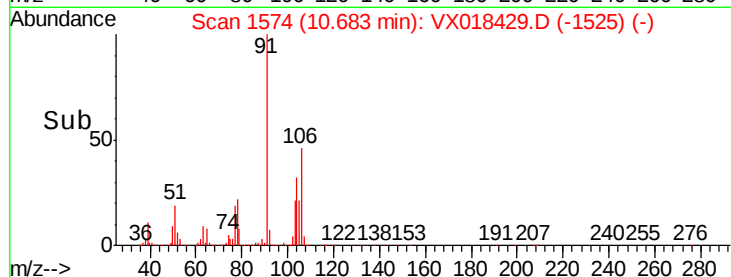
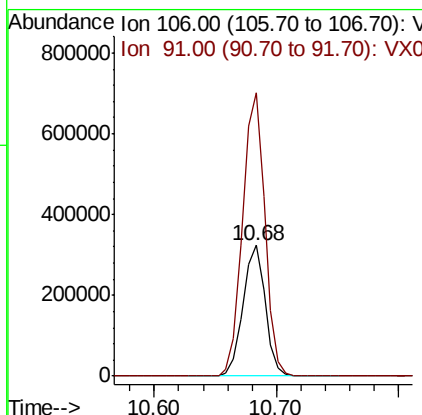
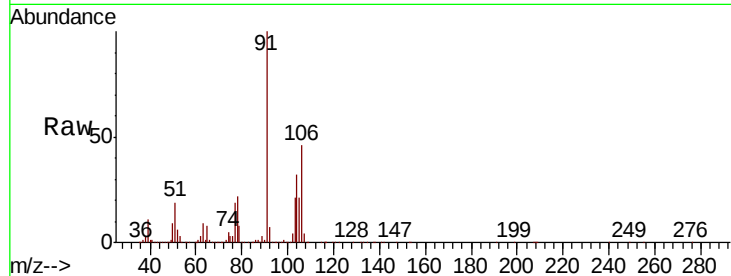




#69
o-Xylene
Concen: 55.394 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX018429.D
Acq: 16 Sep 2020 10:01

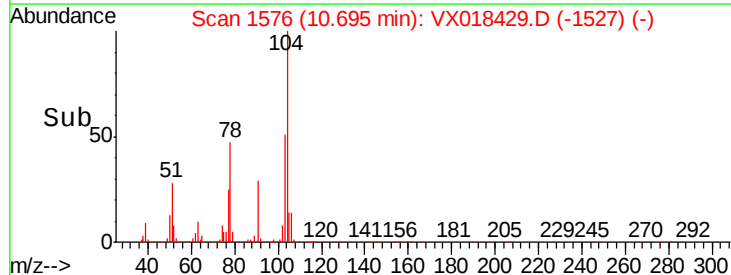
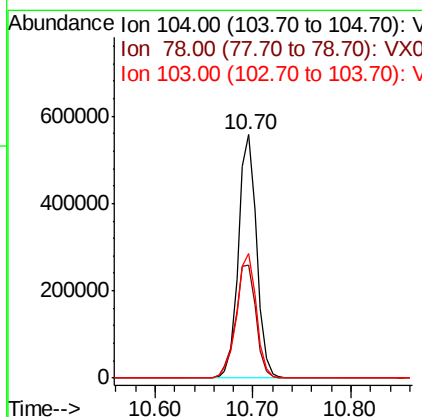
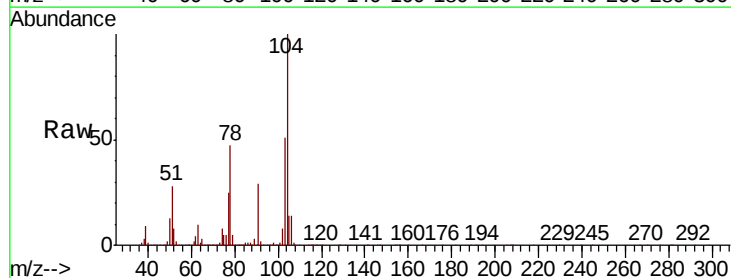
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

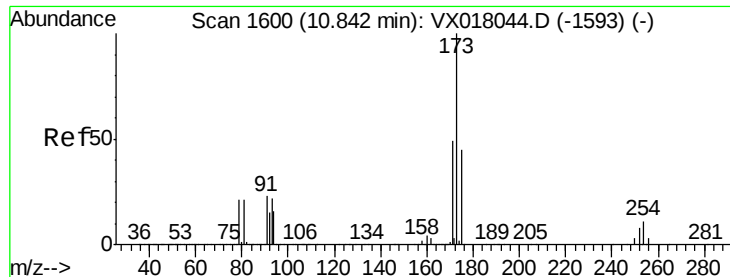
Tot Ion:106 Resp: 404900
Ion Ratio Lower Upper
106 100
91 218.1 107.1 321.3



#70
Styrene
Concen: 57.675 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX018429.D
Acq: 16 Sep 2020 10:01

Tgt Ion:104 Resp: 717932
Ion Ratio Lower Upper
104 100
78 52.5 40.9 61.3
103 55.1 43.6 65.4





#71

Bromoform

Concen: 57.695 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VX018429.D

Acq: 16 Sep 2020 10:01

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

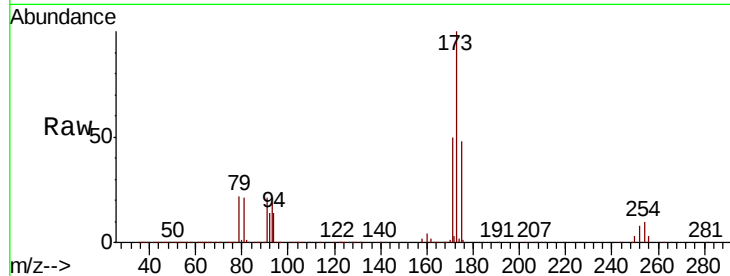
Tot Ion:173 Resp: 230411

Ion Ratio Lower Upper

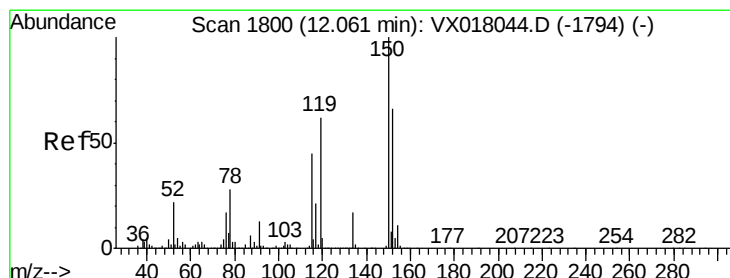
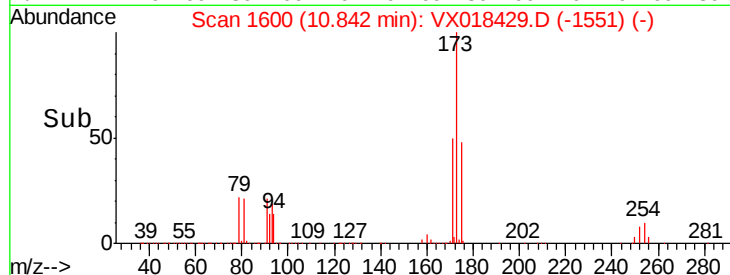
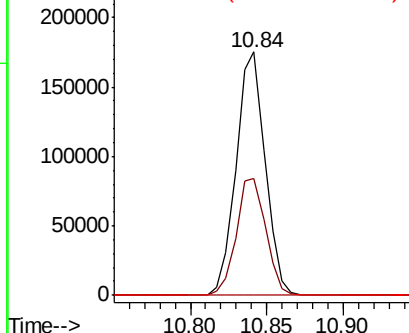
173 100

175 49.2 23.9 71.8

254 0.1 0.2 0.2#



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: VX018429.D

Acq: 16 Sep 2020 10:01

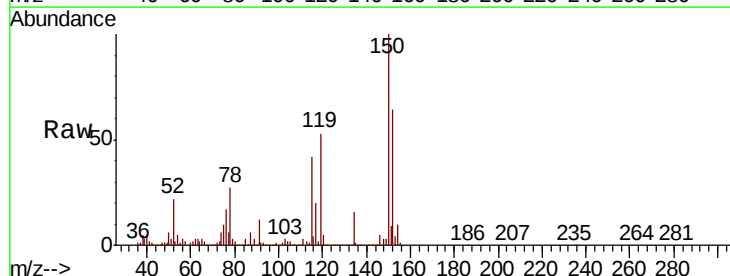
Tgt Ion:152 Resp: 335693

Ion Ratio Lower Upper

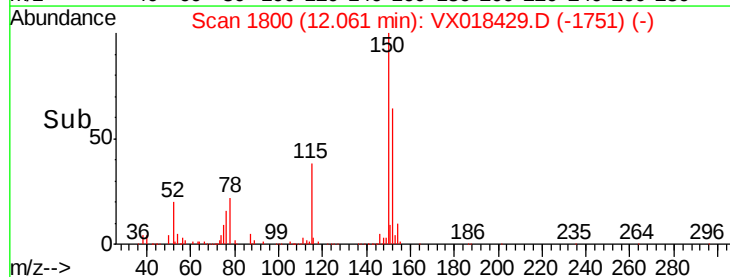
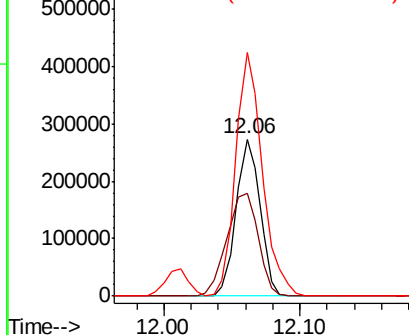
152 100

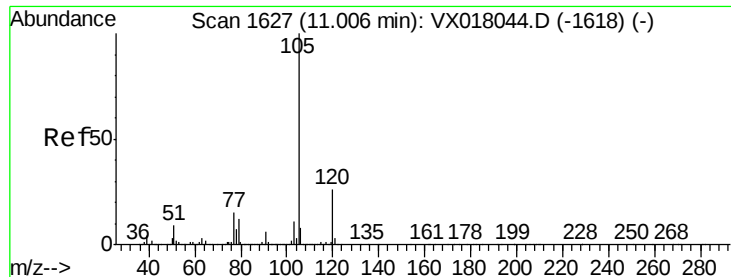
115 85.0 41.5 124.5

150 172.2 0.0 343.8



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





#73

Isopropylbenzene

Concen: 51.202 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.01 min

Lab File: VX018429.D

Acq: 16 Sep 2020 10:01

Instrument :

MSVOA_X

ClientSampleId :

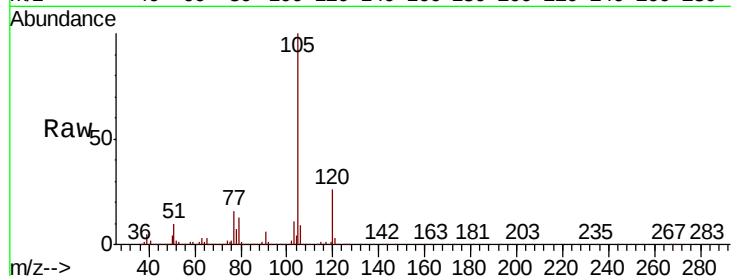
VSTDCCC050

Tot Ion: 105 Resp: 1133745

Ion Ratio Lower Upper

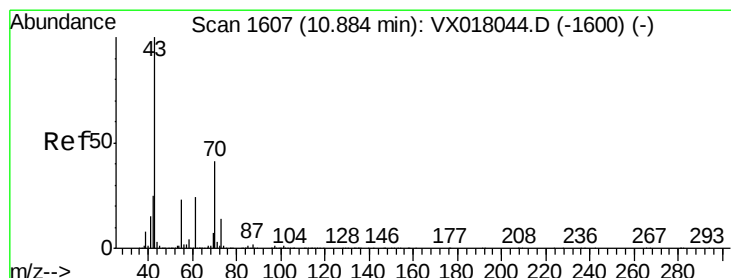
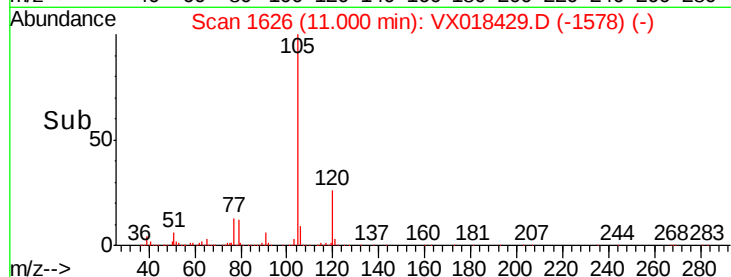
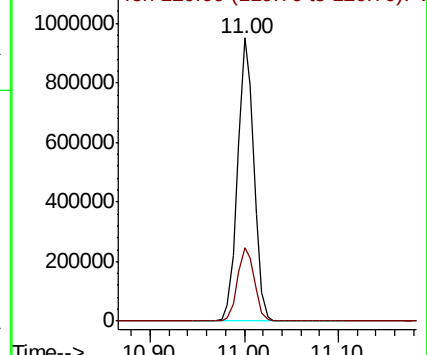
105 100

120 26.9 13.2 39.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 46.173 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. -0.01 min

Lab File: VX018429.D

Acq: 16 Sep 2020 10:01

Tgt Ion: 43 Resp: 485094

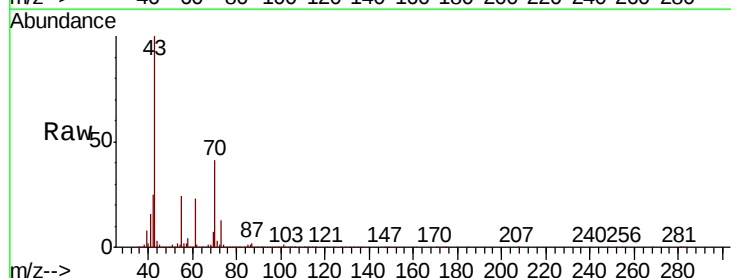
Ion Ratio Lower Upper

43 100

70 40.3 32.3 48.5

55 23.3 18.2 27.2

61 23.3 18.9 28.3

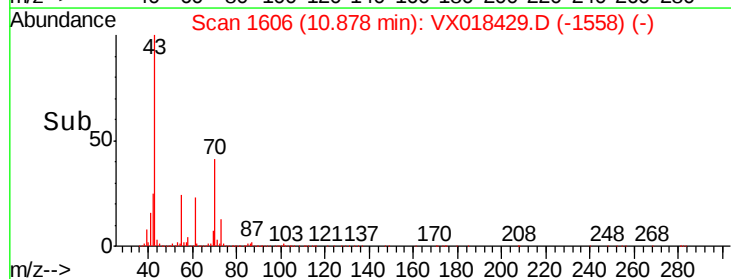
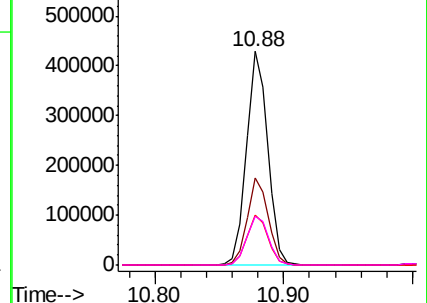


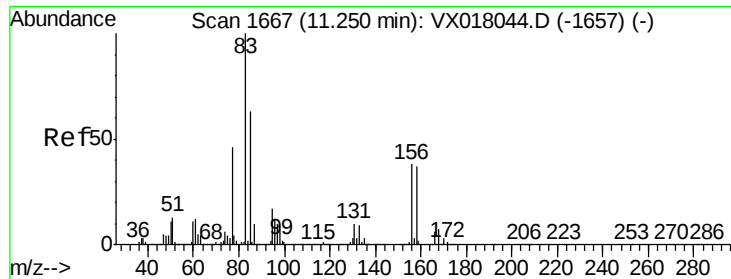
Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 46.188 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. -0.00 min

Lab File: VX018429.D

Acq: 16 Sep 2020 10:01

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

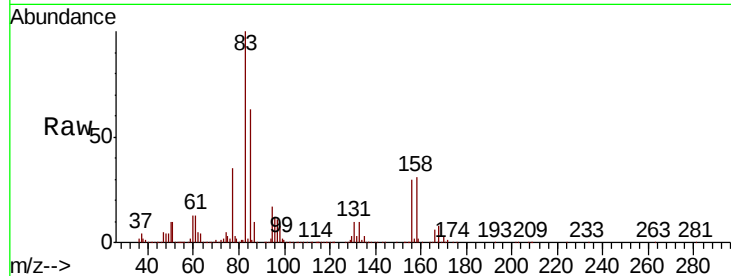
Tot Ion: 83 Resp: 360783

Ion Ratio Lower Upper

83 100

131 10.7 5.1 15.4

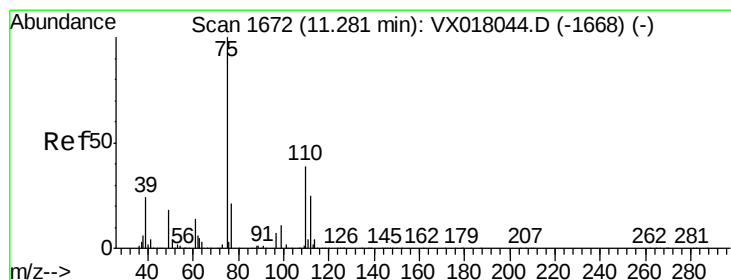
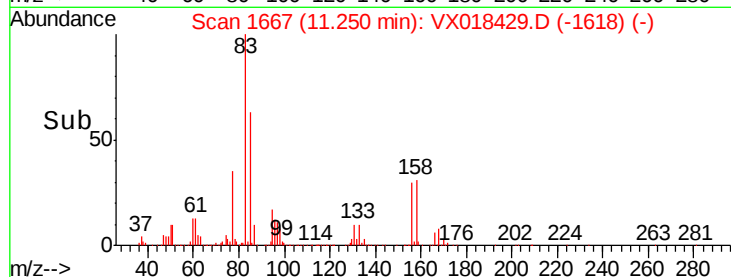
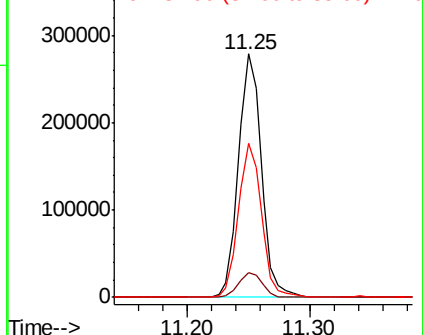
85 64.0 32.2 96.6



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 60.759 ug/l

RT: 11.28 min Scan# 1672

Delta R.T. -0.00 min

Lab File: VX018429.D

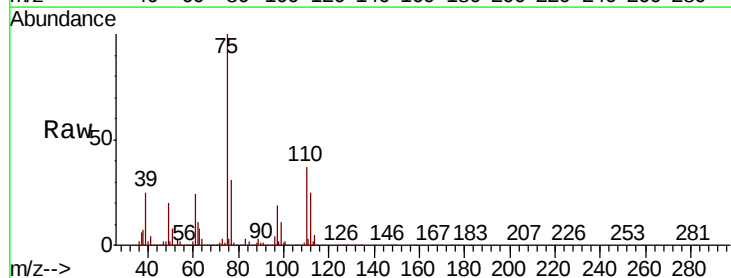
Acq: 16 Sep 2020 10:01

Tgt Ion: 75 Resp: 453727

Ion Ratio Lower Upper

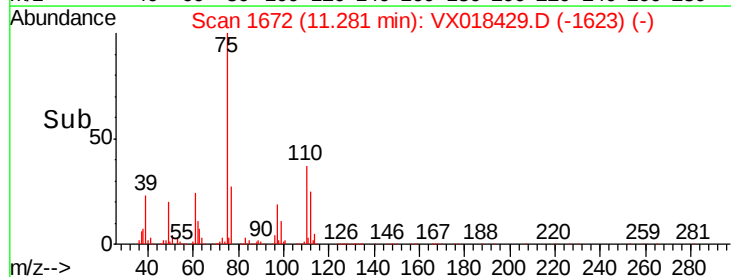
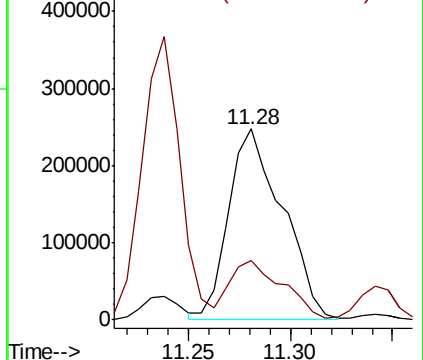
75 100

77 30.3 20.8 62.2



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 49.375 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX018429.D

Acq: 16 Sep 2020 10:01

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

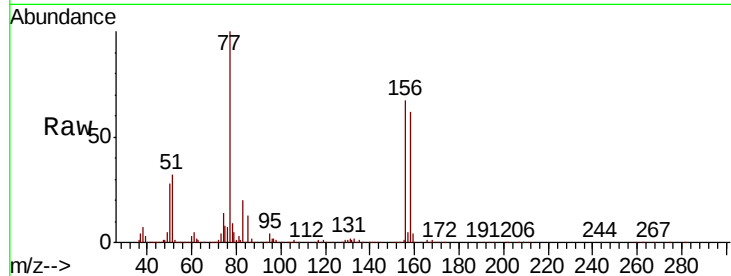
Tot Ion:156 Resp: 302211

Ion Ratio Lower Upper

156 100

77 157.1 80.0 240.2

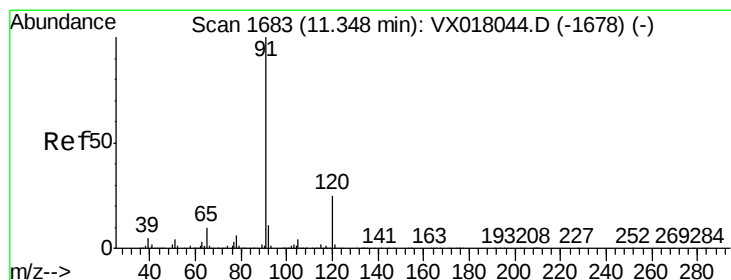
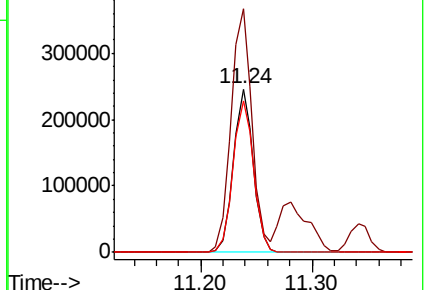
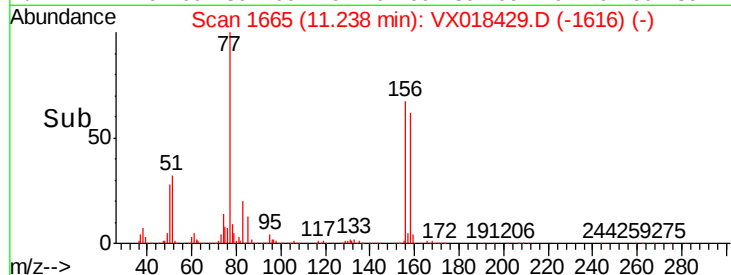
158 96.5 49.5 148.7



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: 53.333 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. -0.01 min

Lab File: VX018429.D

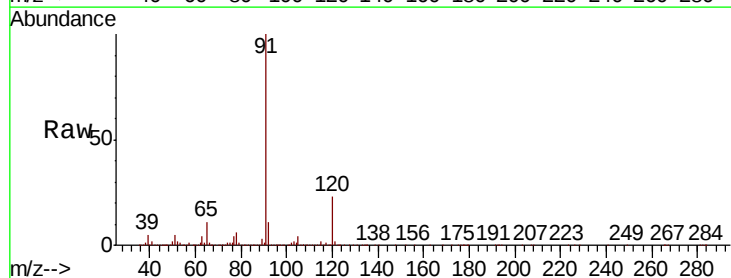
Acq: 16 Sep 2020 10:01

Tgt Ion: 91 Resp: 1340887

Ion Ratio Lower Upper

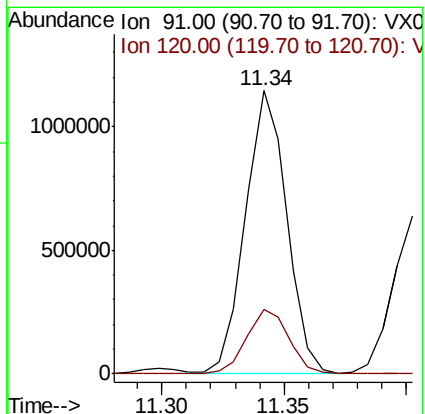
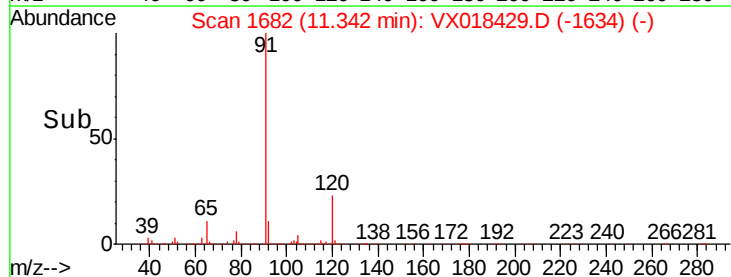
91 100

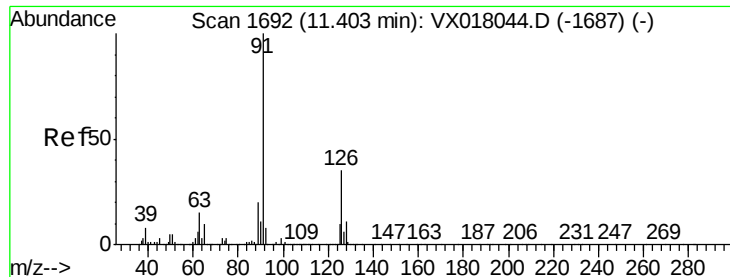
120 23.3 11.9 35.9



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

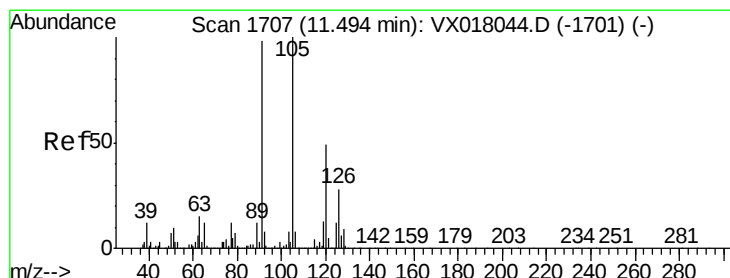
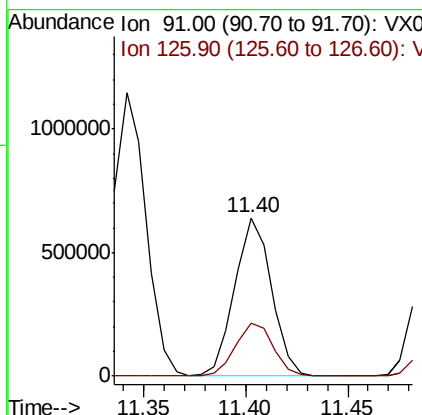
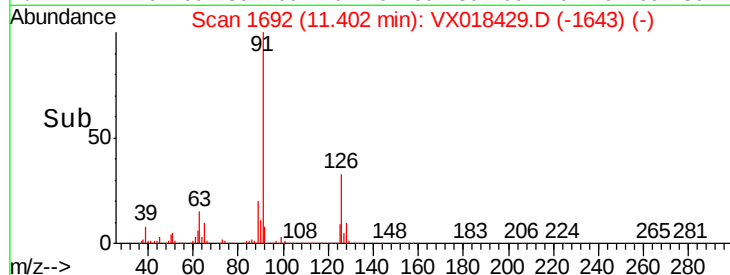
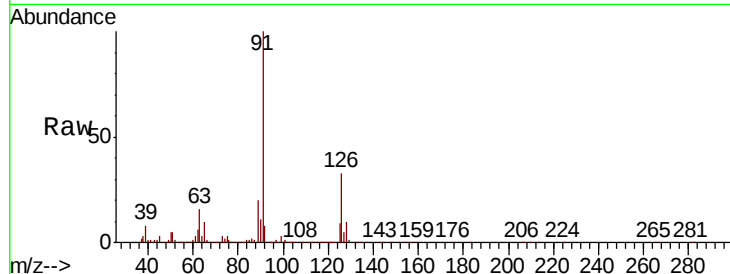




#79
 2-Chlorotoluene
 Concen: 51.324 ug/l
 RT: 11.40 min Scan# 1692
 Delta R.T. -0.00 min
 Lab File: VX018429.D
 Acq: 16 Sep 2020 10:01

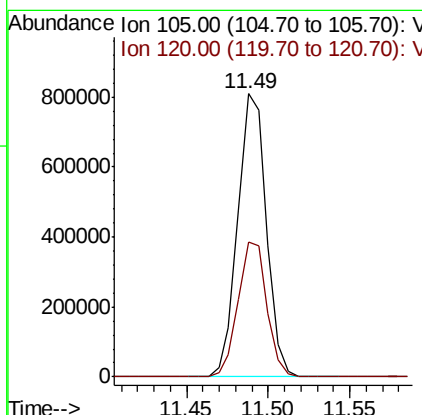
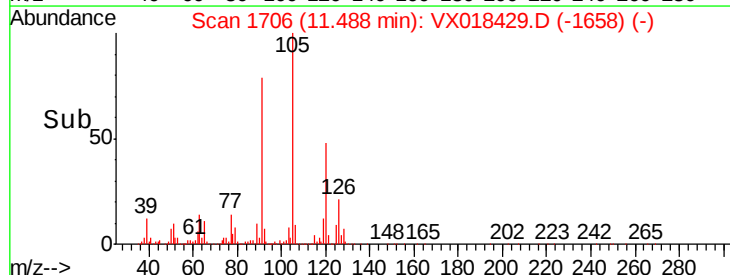
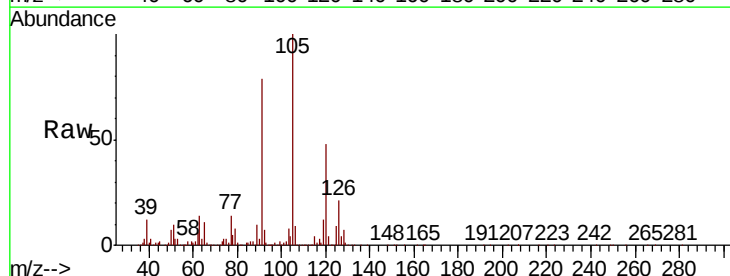
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

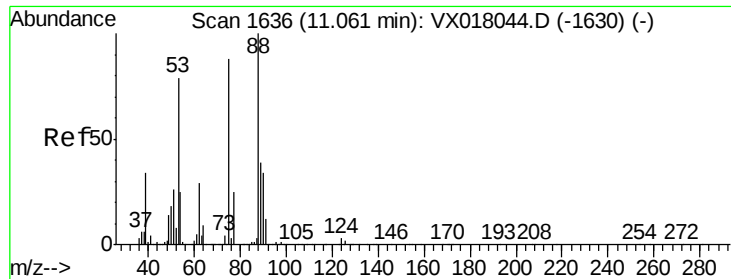
Tot Ion: 91 Resp: 797229
 Ion Ratio Lower Upper
 91 100
 126 34.5 17.4 52.2



#80
 1,3,5-Trimethylbenzene
 Concen: 54.402 ug/l
 RT: 11.49 min Scan# 1706
 Delta R.T. -0.01 min
 Lab File: VX018429.D
 Acq: 16 Sep 2020 10:01

Tgt Ion: 105 Resp: 989897
 Ion Ratio Lower Upper
 105 100
 120 48.2 24.1 72.2

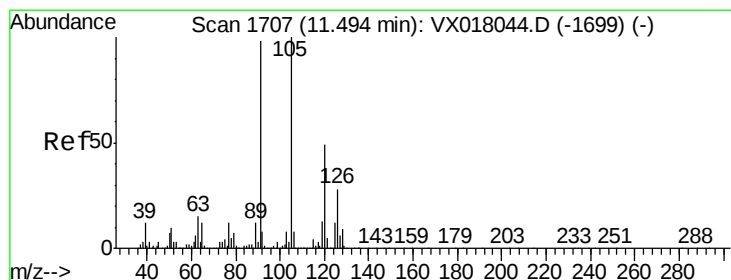
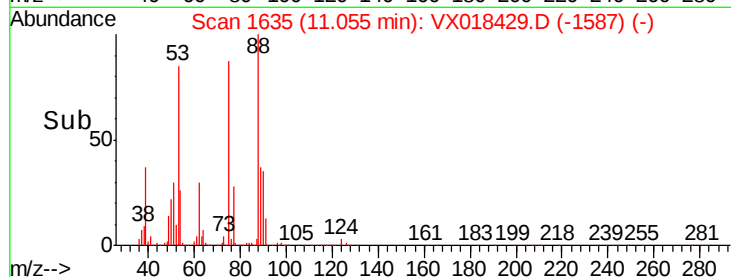
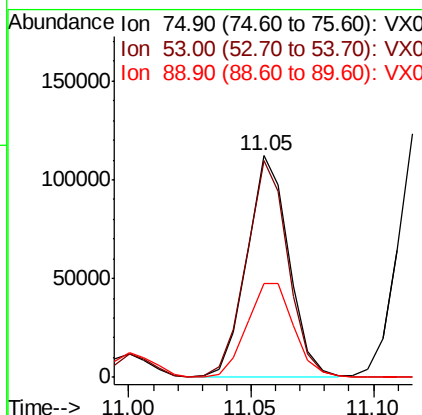
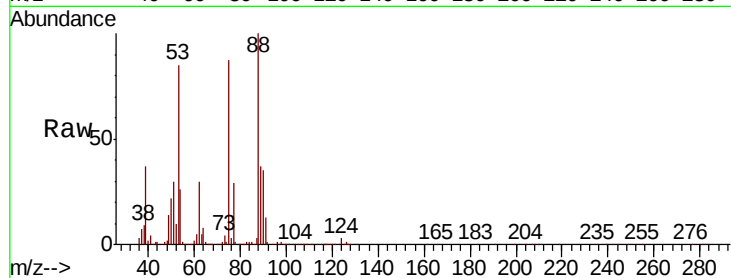




#81
trans-1,4-Dichloro-2-butene
Concen: 48.264 ug/l
RT: 11.05 min Scan# 1635
Delta R.T. -0.01 min
Lab File: VX018429.D
Acq: 16 Sep 2020 10:01

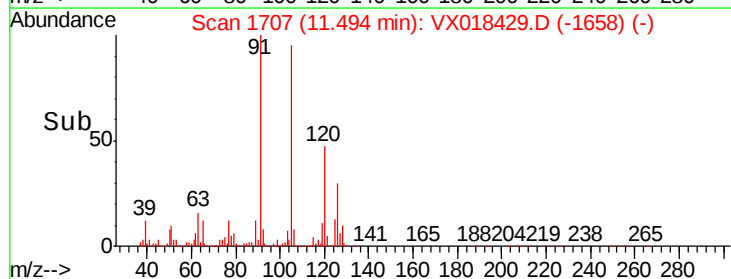
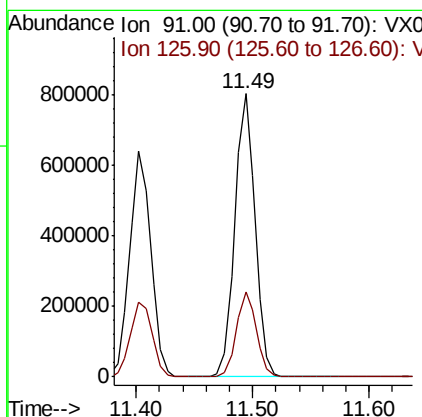
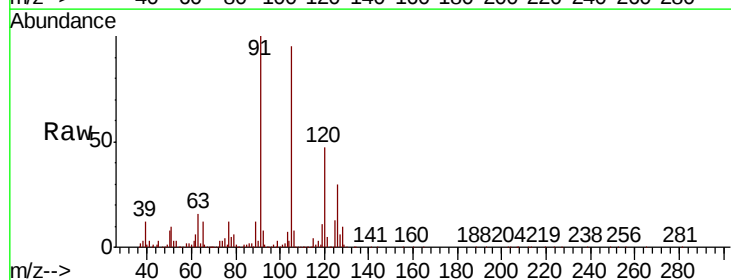
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 75 Resp: 133447
Ion Ratio Lower Upper
75 100
53 97.9 74.7 112.1
89 48.1 36.6 54.8



#82
4-Chlorotoluene
Concen: 52.713 ug/l
RT: 11.49 min Scan# 1707
Delta R.T. -0.00 min
Lab File: VX018429.D
Acq: 16 Sep 2020 10:01

Tgt Ion: 91 Resp: 973390
Ion Ratio Lower Upper
91 100
126 29.7 15.1 45.3





#83

tert-Butylbenzene

Concen: 53.499 ug/l

RT: 11.76 min Scan# 1750

Delta R.T. -0.00 min

Lab File: VX018429.D

Acq: 16 Sep 2020 10:01

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

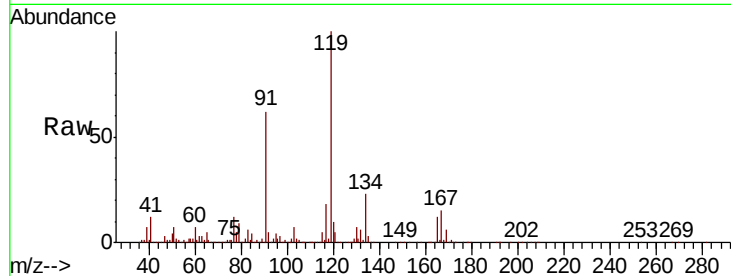
Tot Ion:119 Resp: 960681

Ion Ratio Lower Upper

119 100

91 59.7 28.2 84.7

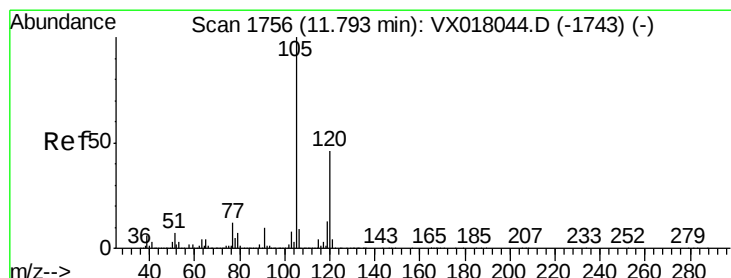
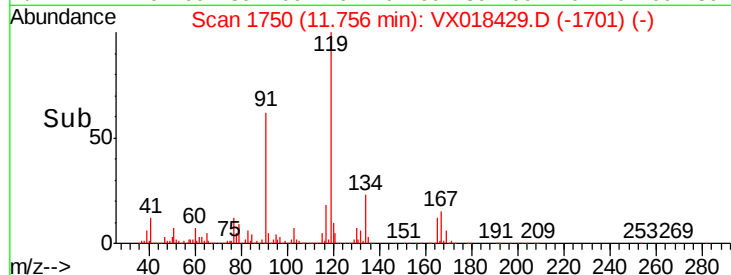
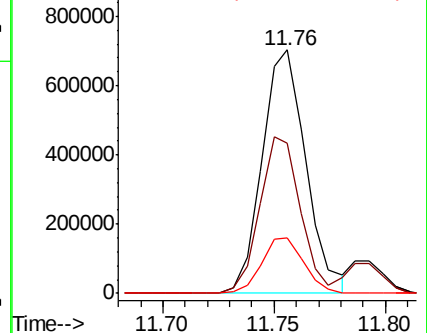
134 21.9 11.3 33.8



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VX0

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 54.663 ug/l

RT: 11.79 min Scan# 1756

Delta R.T. -0.00 min

Lab File: VX018429.D

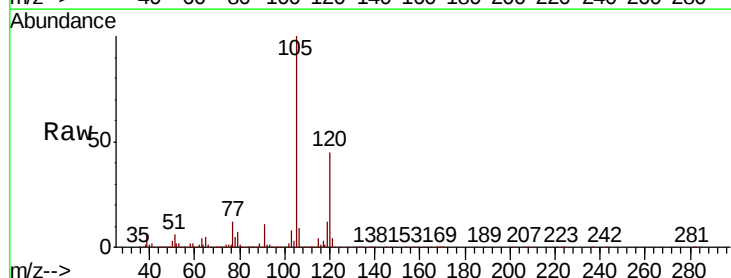
Acq: 16 Sep 2020 10:01

Tgt Ion:105 Resp: 1016903

Ion Ratio Lower Upper

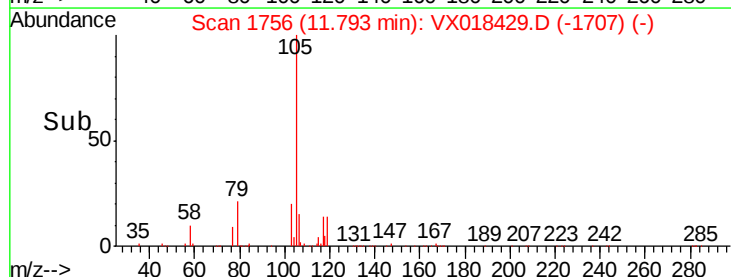
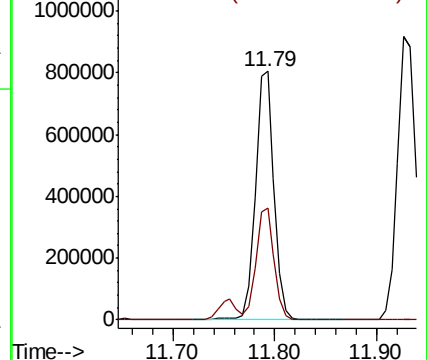
105 100

120 44.0 22.3 66.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 56.044 ug/l

RT: 11.93 min Scan# 1778

Delta R.T. -0.01 min

Lab File: VX018429.D

Acq: 16 Sep 2020 10:01

Instrument :

MSVOA_X

ClientSampleId :

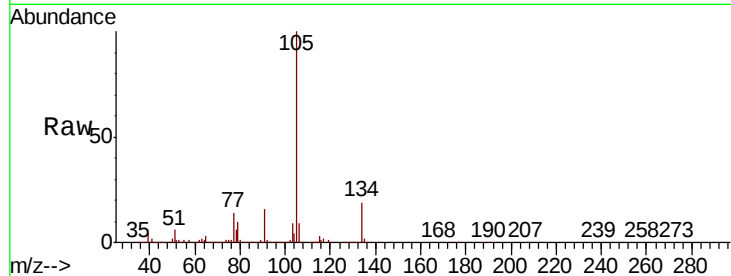
VSTDCCC050

Tot Ion:105 Resp: 1144453

Ion Ratio Lower Upper

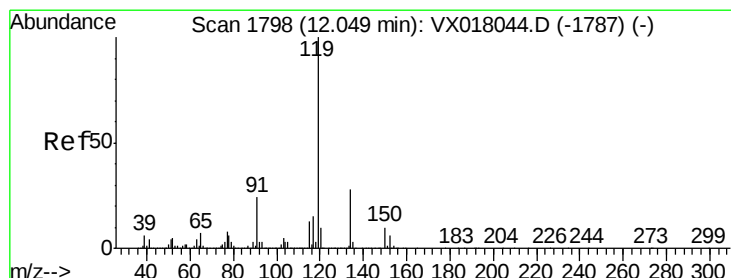
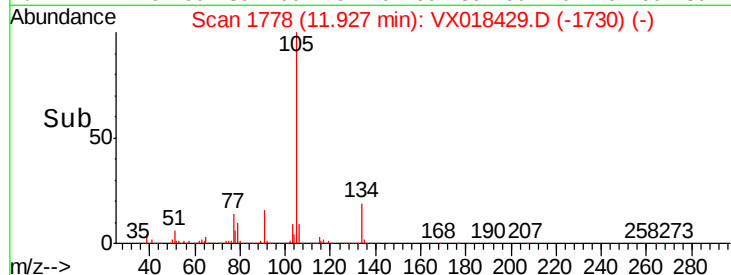
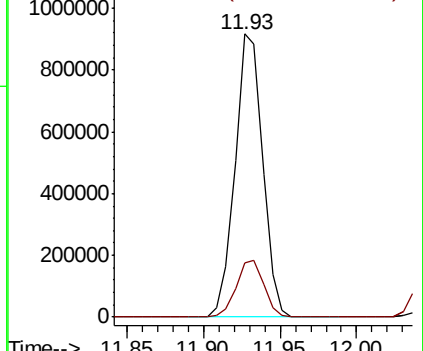
105 100

134 20.2 10.1 30.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 58.075 ug/l

RT: 12.05 min Scan# 1798

Delta R.T. -0.00 min

Lab File: VX018429.D

Acq: 16 Sep 2020 10:01

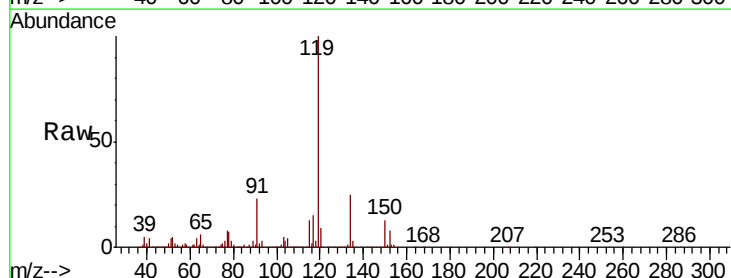
Tgt Ion:119 Resp: 1089341

Ion Ratio Lower Upper

119 100

134 26.3 13.2 39.5

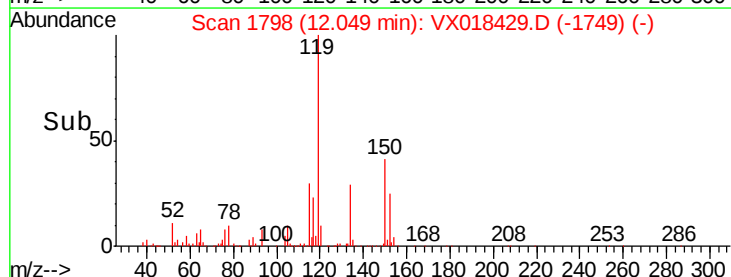
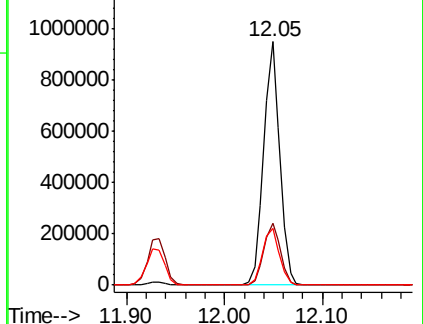
91 24.1 11.8 35.4

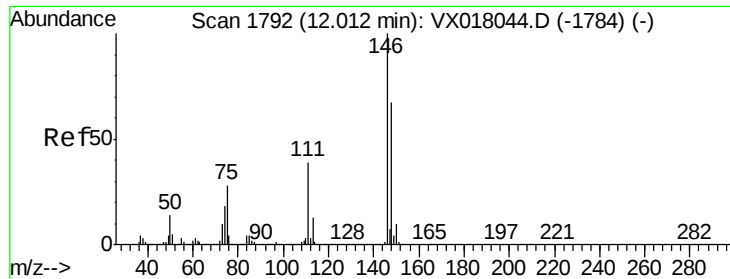


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0





#87

1,3-Dichlorobenzene

Concen: 50.864 ug/l

RT: 12.01 min Scan# 1791

Delta R.T. -0.01 min

Lab File: VX018429.D

Acq: 16 Sep 2020 10:01

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

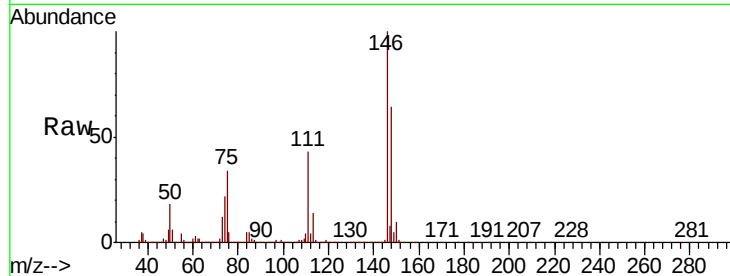
Tot Ion:146 Resp: 546591

Ion Ratio Lower Upper

146 100

111 42.2 20.6 61.8

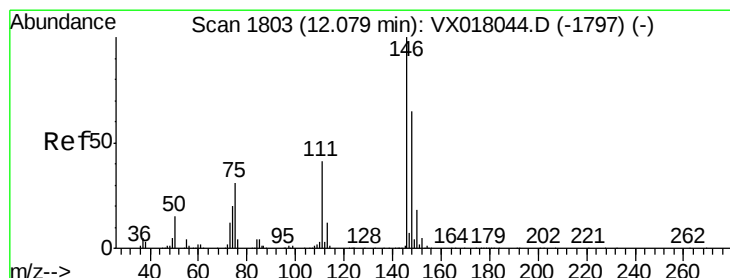
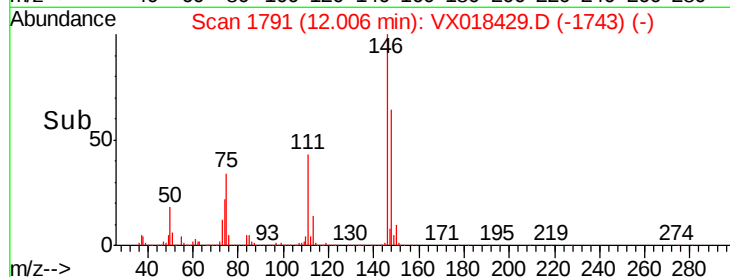
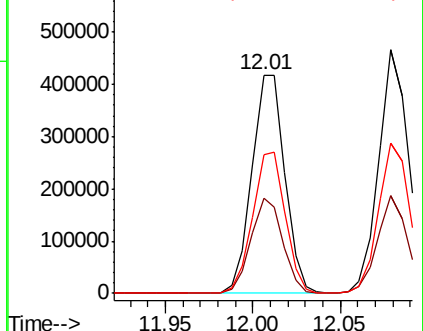
148 64.3 33.1 99.2



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



#88

1,4-Dichlorobenzene

Concen: 51.423 ug/l

RT: 12.08 min Scan# 1803

Delta R.T. -0.00 min

Lab File: VX018429.D

Acq: 16 Sep 2020 10:01

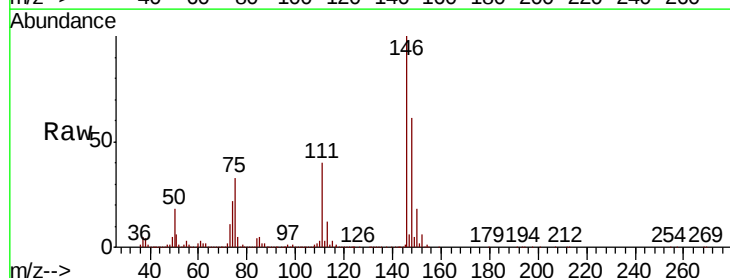
Tgt Ion:146 Resp: 553296

Ion Ratio Lower Upper

146 100

111 39.9 20.3 60.8

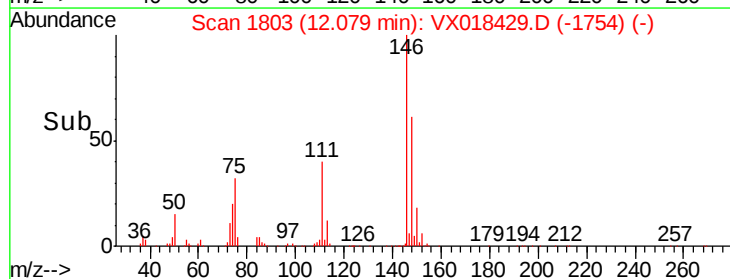
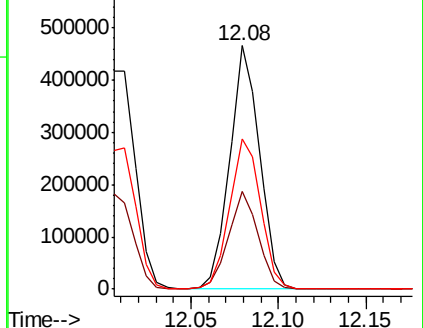
148 64.2 33.1 99.2



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

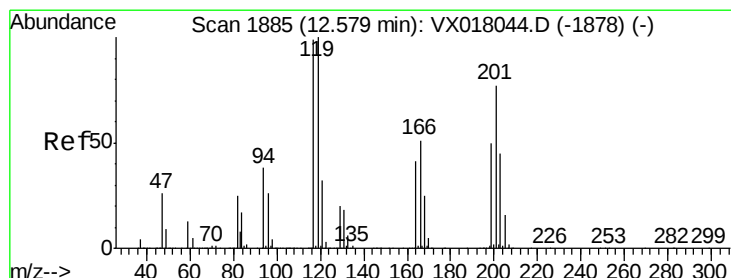
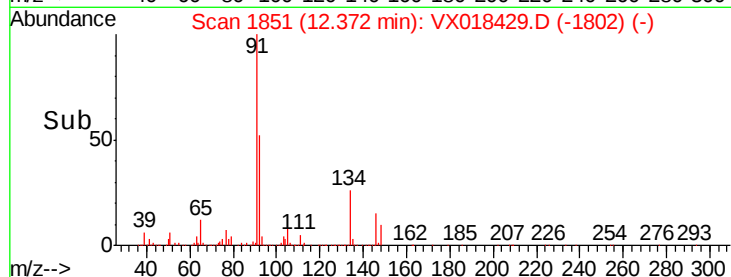
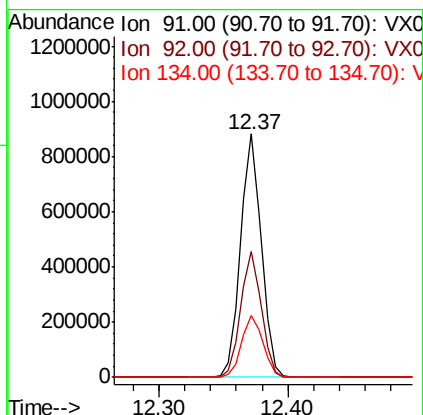
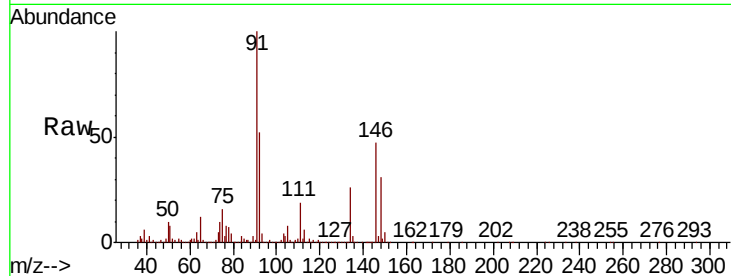




#89
n-Butylbenzene
Concen: 57.486 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. -0.00 min
Lab File: VX018429.D
Acq: 16 Sep 2020 10:01

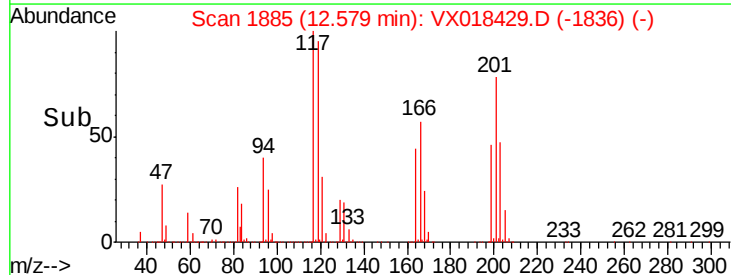
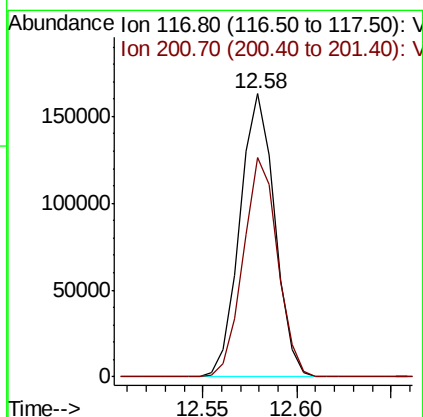
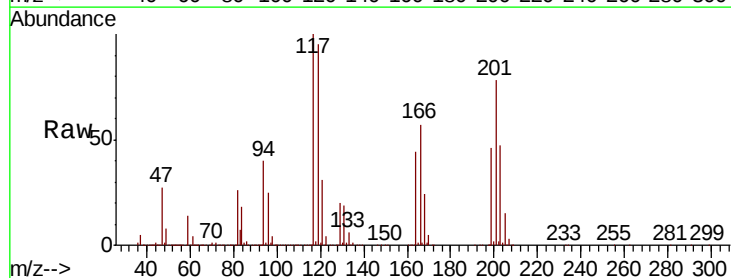
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

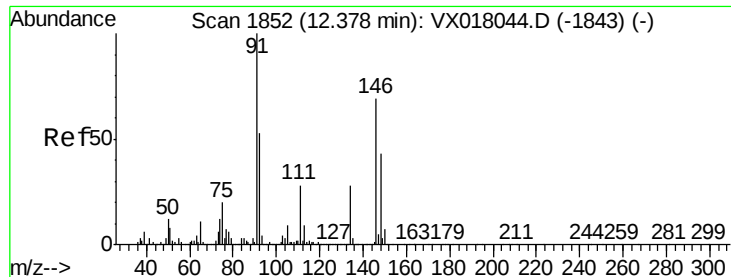
Tot Ion	Ratio	Lower	Upper
91	100		
92	51.9	26.4	79.2
134	26.2	12.9	38.7



#90
Hexachloroethane
Concen: 56.712 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX018429.D
Acq: 16 Sep 2020 10:01

Tgt Ion	Ratio	Lower	Upper
117	100		
201	76.9	38.5	115.3

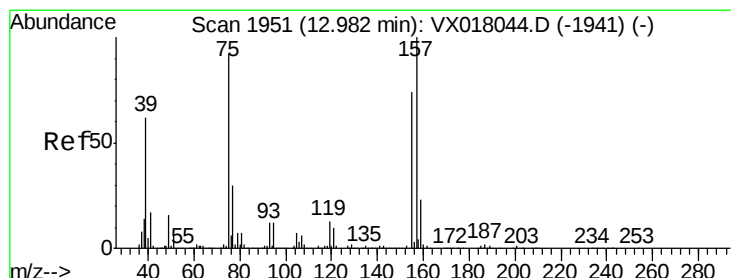
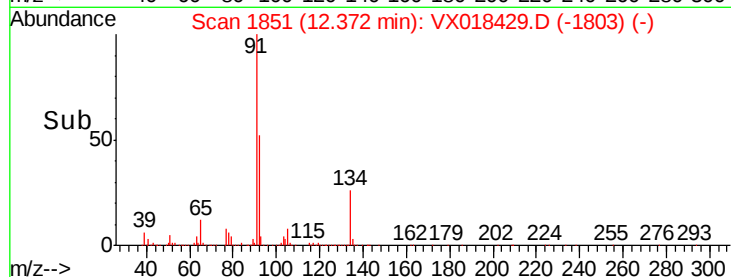
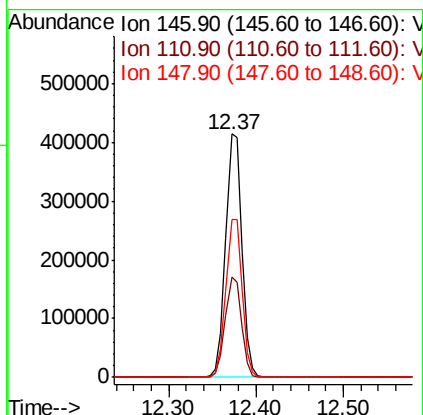
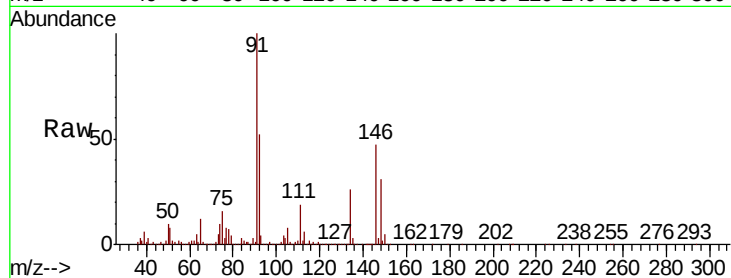




#91
 1,2-Dichlorobenzene
 Concen: 52.481 ug/l
 RT: 12.37 min Scan# 1851
 Delta R.T. -0.01 min
 Lab File: VX018429.D
 Acq: 16 Sep 2020 10:01

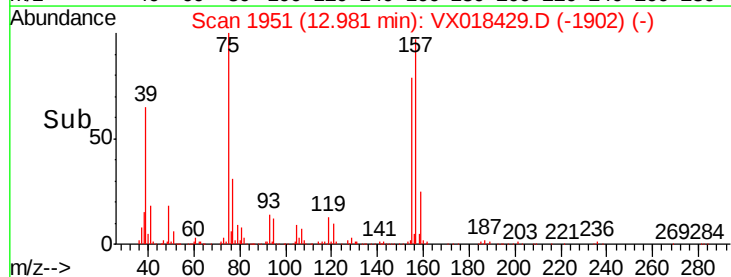
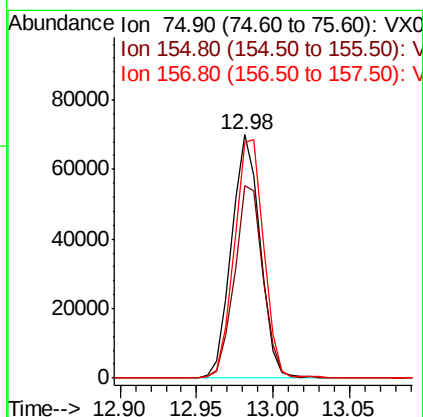
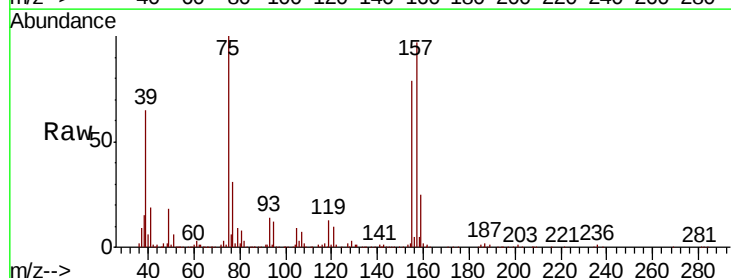
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

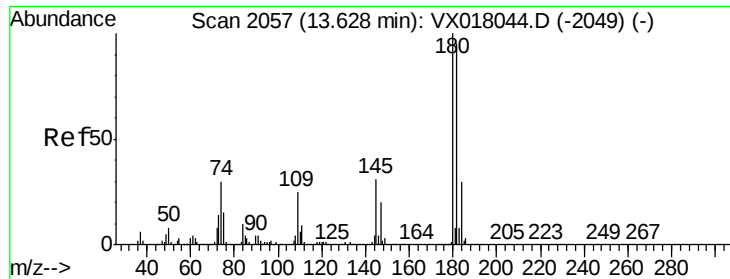
Tot Ion:146 Resp: 530872
 Ion Ratio Lower Upper
 146 100
 111 41.2 20.8 62.5
 148 64.9 31.6 95.0



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 46.412 ug/l
 RT: 12.98 min Scan# 1951
 Delta R.T. -0.00 min
 Lab File: VX018429.D
 Acq: 16 Sep 2020 10:01

Tgt Ion: 75 Resp: 90646
 Ion Ratio Lower Upper
 75 100
 155 78.6 40.2 120.6
 157 100.6 55.0 165.2

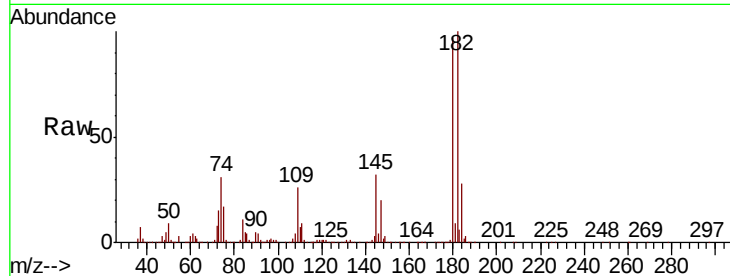




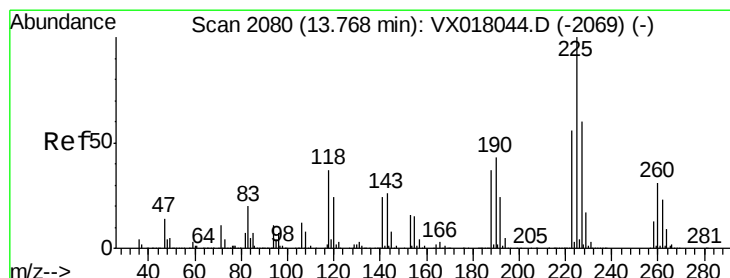
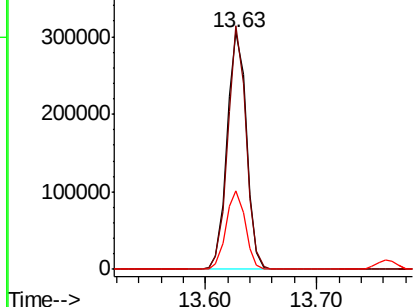
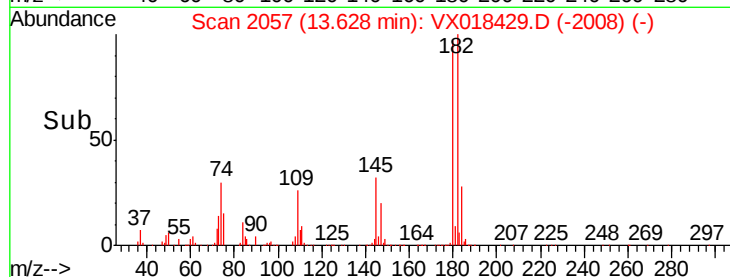
#93
 1,2,4-Trichlorobenzene
 Concen: 54.518 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. -0.00 min
 Lab File: VX018429.D
 Acq: 16 Sep 2020 10:01

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
180	100		
182	96.7	47.5	142.6
145	33.1	15.7	47.1

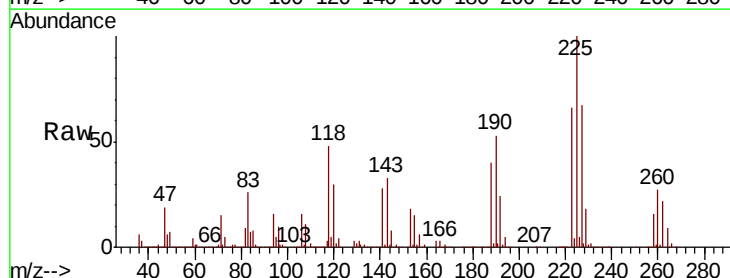


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

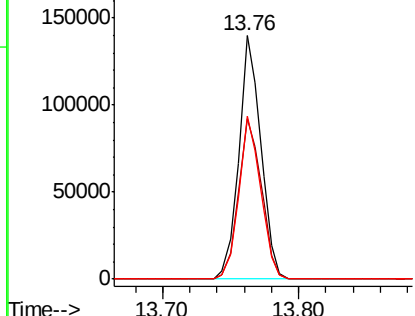
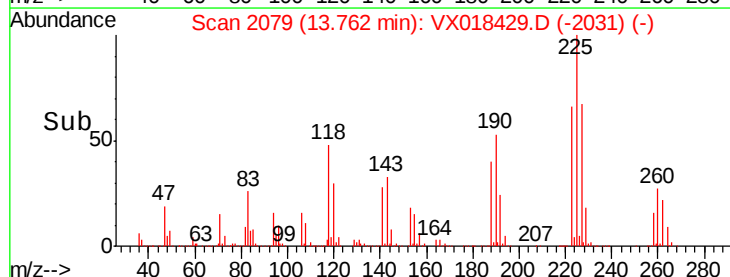


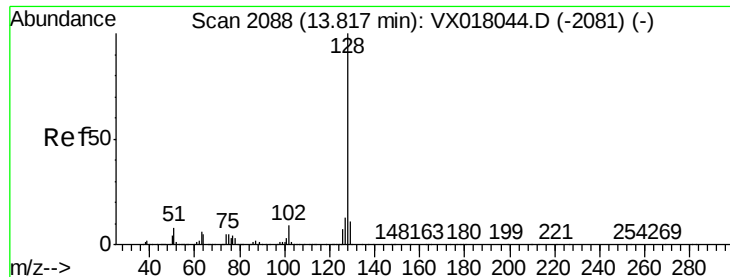
#94
 Hexachlorobutadiene
 Concen: 59.082 ug/l
 RT: 13.76 min Scan# 2079
 Delta R.T. -0.01 min
 Lab File: VX018429.D
 Acq: 16 Sep 2020 10:01

Tgt Ion	Ratio	Lower	Upper
225	100		
223	68.8	30.7	92.1
227	66.3	32.6	97.8



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





#95

Naphthalene

Concen: 50.474 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. -0.00 min

Lab File: VX018429.D

Acq: 16 Sep 2020 10:01

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

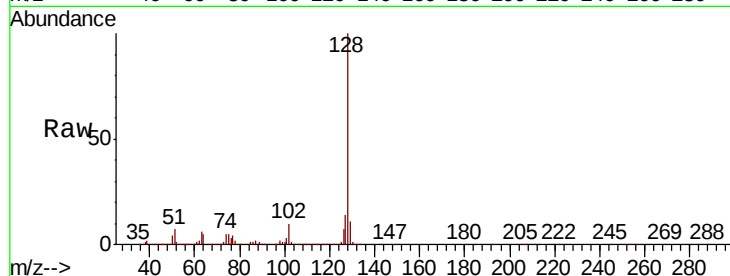
Tot Ion:128 Resp: 1120490

Ion Ratio Lower Upper

128 100

127 12.9 10.2 15.2

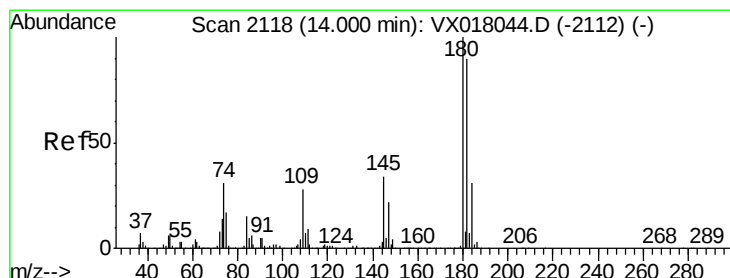
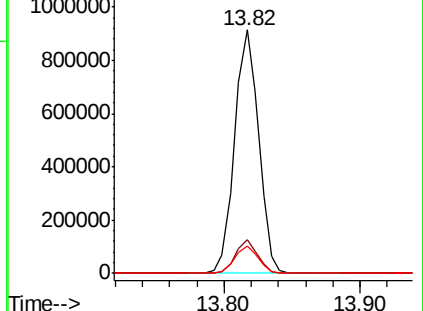
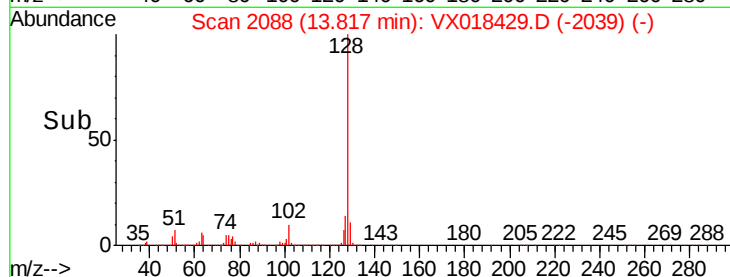
129 11.0 8.7 13.1



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: 53.057 ug/l

RT: 14.01 min Scan# 2119

Delta R.T. 0.01 min

Lab File: VX018429.D

Acq: 16 Sep 2020 10:01

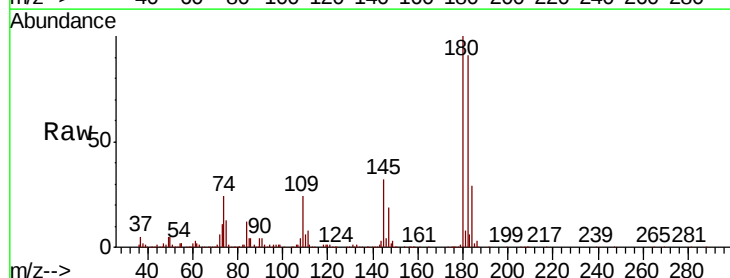
Tgt Ion:180 Resp: 353632

Ion Ratio Lower Upper

180 100

182 95.9 47.3 142.0

145 34.3 17.5 52.6



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

