

Data File : VX017295.D
Acq On : 09 Jul 2020 06:36
Operator : JC/SP
Sample : VSTDCCC020
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 54 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Quant Time: Jul 09 07:12:00 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\624X062520W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri Jun 26 09:03:25 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	4.99	128	48368	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.84	114	251171	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.10	117	243527	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.04	65	105052	27.90	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	93.00%
60) 4-Bromofluorobenzene	11.12	95	123659	30.45	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	101.50%
63) Toluene-d8	8.70	98	309902	28.87	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	96.23%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.18	85	45030	19.145 ug/l	97
3) Chloromethane	1.32	50	47323	14.837 ug/l	99
4) Vinyl Chloride	1.39	62	47913	14.730 ug/l	95
5) Bromomethane	1.64	94	35630	15.213 ug/l	100
6) Chloroethane	1.71	64	30723	14.645 ug/l	96
7) Trichlorofluoromethane	1.92	101	86696	16.389 ug/l	99
8) Diethyl Ether	2.17	74	28164	14.632 ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	46784	16.664 ug/l	92
10) 1,1-Dichloroethene	2.36	96	46421	16.765 ug/l	83
11) Methyl Iodide	2.50	142	44005	11.902 ug/l	99
12) Methyl Acetate	2.75	43	62291	17.834 ug/l	96
13) Acrolein	2.28	56	46227	83.877 ug/l	99
14) Acrylonitrile	3.12	53	137903	83.362 ug/l	99
15) Acetone	2.42	58	37758	88.198 ug/l	96
16) Carbon Disulfide	2.55	76	127642	14.664 ug/l	97
17) Allyl chloride	2.71	41	78503	15.145 ug/l	99
18) Methylene Chloride	2.84	84	54495	16.340 ug/l	94
19) trans-1,2-Dichloroethene	3.15	96	51616	16.452 ug/l	92
20) Diisopropyl ether	3.83	45	165810	16.006 ug/l #	87
21) 1,1-Dichloroethane	3.67	63	94111	16.476 ug/l	99
22) cis-1,2-Dichloroethene	4.57	96	58128	16.641 ug/l	90
23) tert-Butyl Alcohol	3.01	59	57493	78.458 ug/l #	100
24) Methyl tert-Butyl Ether	3.17	73	165267	16.716 ug/l	99
25) Chloroform	5.18	83	98714	17.045 ug/l	96
26) Cyclohexane	5.55	56	72723	14.595 ug/l #	94
29) 1,1-Dichloropropene	5.78	75	69240	16.922 ug/l	97
30) 2-Butanone	4.64	43	187456	87.894 ug/l	98
31) 2,2-Dichloropropane	4.55	77	54859	11.691 ug/l	98
32) 1,1,1-Trichloroethane	5.46	97	92579	18.699 ug/l	96
33) Carbon Tetrachloride	5.76	117	83447	19.005 ug/l	98
34) Benzene	6.12	78	208338	17.487 ug/l	97
35) Methacrylonitrile	5.01	41	41294	17.544 ug/l	94
36) 1,2-Dichloroethane	6.17	62	81356	17.830 ug/l	99
37) Trichloroethene	7.19	130	60381	18.573 ug/l	89
38) Methylcyclohexane	7.44	83	69956	15.013 ug/l	97
39) 1,2-Dichloropropane	7.49	63	53169	17.130 ug/l	100
40) Dibromomethane	7.63	93	38902	18.185 ug/l	91

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Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri Jun 26 09:03:25 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Bromodichloromethane	7.88	83	79721	17.997	ug/l #	92
42) Vinyl Acetate	3.79	43	708807	82.472	ug/l	99
43) Ethyl Acetate	4.80	43	75295	17.044	ug/l	97
44) Isopropyl Acetate	6.42	43	120531	16.552	ug/l	97
45) 1,4-Dioxane	7.71	88	23544	320.492	ug/l	98
46) Methyl methacrylate	7.74	41	58763	17.438	ug/l	94
47) n-amyl Acetate	10.88	43	104146	16.181	ug/l	97
48) t-1,3-Dichloropropene	9.02	75	79711	16.274	ug/l	97
49) cis-1,3-Dichloropropene	8.41	75	83987	16.316	ug/l	99
50) 1,1,2-Trichloroethane	9.20	97	55900	18.724	ug/l	94
51) Ethyl methacrylate	9.16	69	78416	17.115	ug/l	97
52) 1,3-Dichloropropane	9.35	76	94461	18.429	ug/l	99
53) Dibromochloromethane	9.57	129	67279	19.606	ug/l	99
54) 1,2-Dibromoethane	9.65	107	60816	19.197	ug/l	100
55) 2-Chloroethyl vinyl ether	8.29	63	219587	91.073	ug/l	98
56) Bromoform	10.84	173	52472	21.541	ug/l	99
58) 4-Methyl-2-Pentanone	8.62	43	382609	85.293	ug/l	97
59) 2-Hexanone	9.47	43	282738	84.454	ug/l	97
61) Tetrachloroethene	9.32	164	60848	19.592	ug/l	96
62) Toluene	8.77	91	224745	16.873	ug/l	98
64) Chlorobenzene	10.12	112	149588	17.926	ug/l	99
65) 1,1,1,2-Tetrachloroethane	10.21	131	60753	19.339	ug/l	97
66) Ethyl Benzene	10.23	91	245743	16.637	ug/l	98
67) m/p-Xylenes	10.34	106	191529	34.373	ug/l	98
68) o-Xylene	10.68	106	89028	16.633	ug/l	99
69) Styrene	10.70	104	159855	17.442	ug/l	98
70) Isopropylbenzene	11.00	105	248113	17.091	ug/l	100
71) 1,1,2,2-Tetrachloroethane	11.25	83	79288	17.784	ug/l	99
72) 1,2,3-Trichloropropane	11.28	75	97086	22.675	ug/l	89
73) Bromobenzene	11.24	156	67950	18.546	ug/l	95
74) n-propylbenzene	11.34	91	280287	16.261	ug/l	98
75) 2-Chlorotoluene	11.40	91	175648	17.475	ug/l	100
76) 1,3,5-Trimethylbenzene	11.49	105	212579	17.445	ug/l	100
77) t-1,4-Dichloro-2-butene	11.05	75	23907	13.778	ug/l	95
78) 4-Chlorotoluene	11.49	91	208947	17.557	ug/l	100
79) tert-butylbenzene	11.76	119	204032	17.478	ug/l	99
80) 1,2,4-Trimethylbenzene	11.79	105	216772	17.719	ug/l	99
81) sec-Butylbenzene	11.93	105	231716	16.395	ug/l	99
82) p-Isopropyltoluene	12.05	119	215330	16.874	ug/l	99
83) 1,3-Dichlorobenzene	12.01	146	124732	18.997	ug/l	99
84) 1,4-Dichlorobenzene	12.08	146	123539	18.727	ug/l	97
85) n-Butylbenzene	12.37	91	178571	15.118	ug/l	99
86) Hexachloroethane	12.58	117	43487	17.413	ug/l	87
87) 1,2-Dichlorobenzene	12.38	146	119010	19.365	ug/l	99
88) 1,2-Dibromo-3-Chloropropan	12.98	75	18764	18.498	ug/l	90
89) 1,2,4-Trichlorobenzene	13.63	180	78335	18.893	ug/l	99
90) Hexachlorobutadiene	13.76	225	32688	20.725	ug/l	100
91) Naphthalene	13.82	128	240019	17.661	ug/l	100
92) 1,2,3-Trichlorobenzene	14.00	180	79370	19.616	ug/l	97

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

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QLast Update : Fri Jun 26 09:03:25 2020
Response via : Initial Calibration

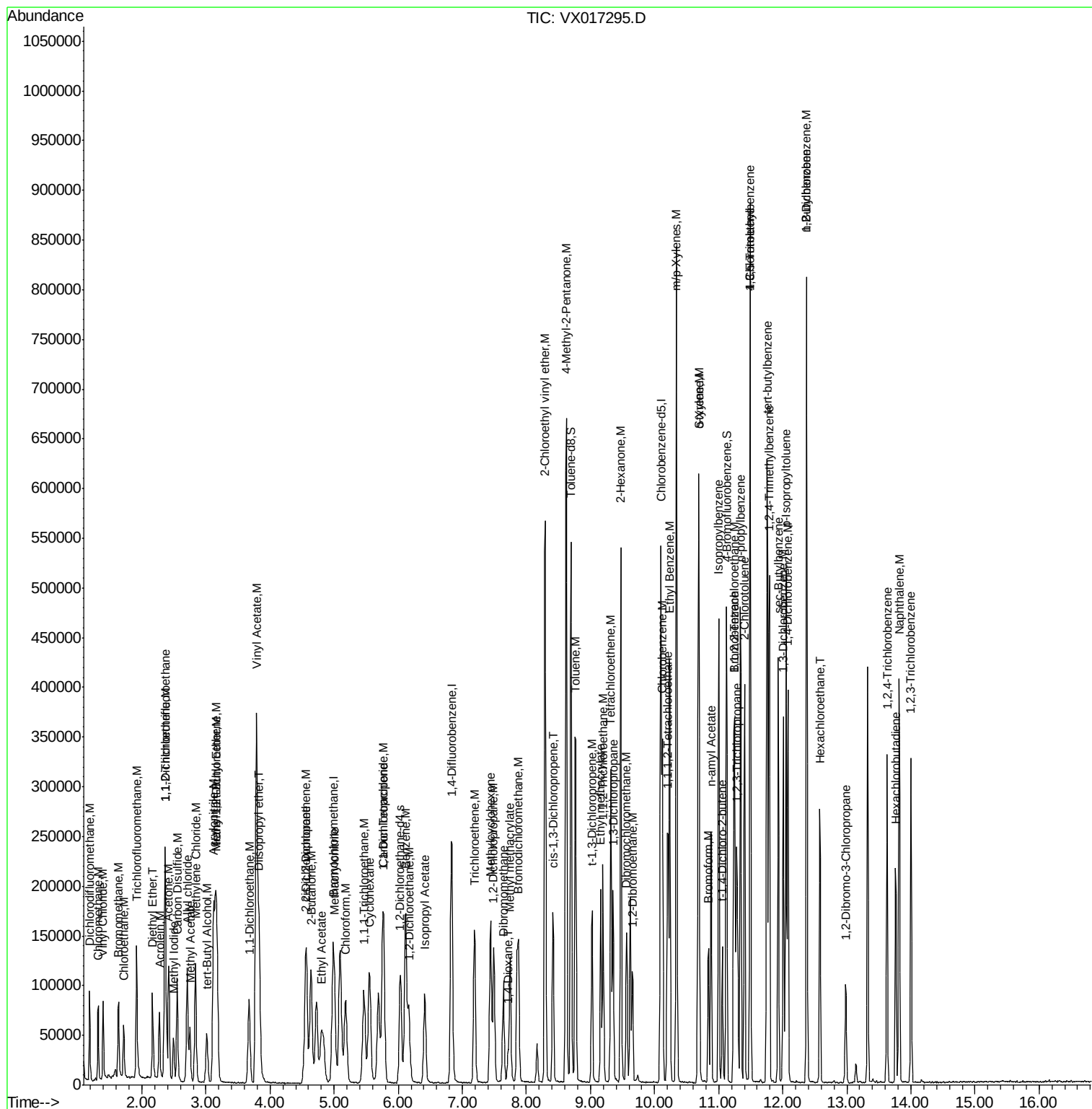
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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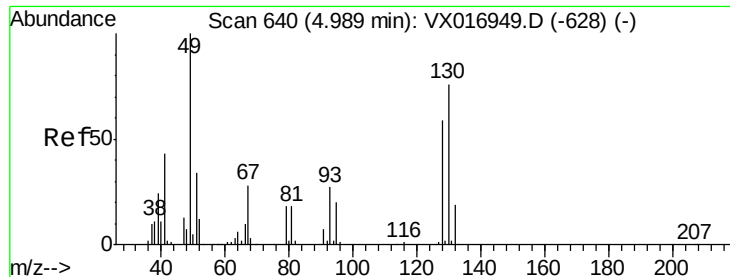
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 4.99 min Scan# 640

Delta R.T. -0.00 min

Lab File: VX017295.D

Acq: 09 Jul 2020 06:36

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

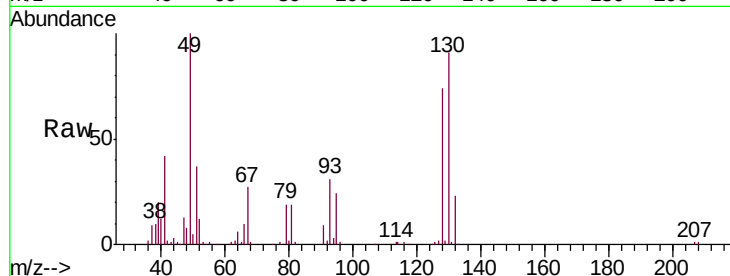
Tgt Ion:128 Resp: 48368

Ion Ratio Lower Upper

128 100

49 146.6 0.0 428.0

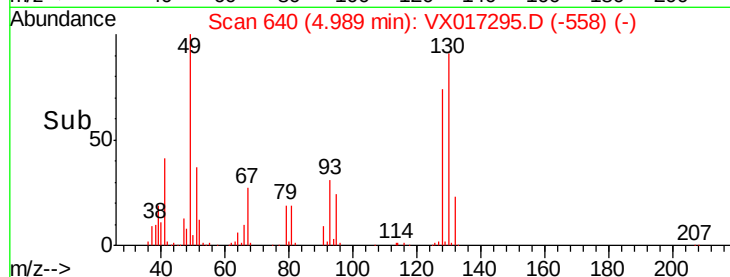
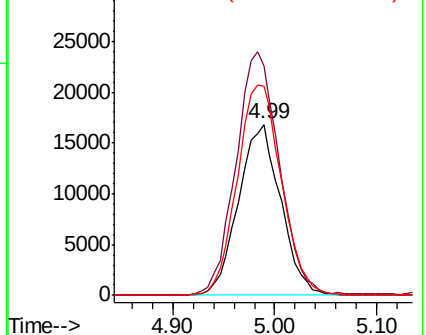
130 129.4 0.0 318.0



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 49.00 (48.70 to 49.70): VX0

Ion 130.00 (129.70 to 130.70): V



#2

Dichlorodifluoromethane

Concen: 19.145 ug/l

RT: 1.18 min Scan# 16

Delta R.T. -0.00 min

Lab File: VX017295.D

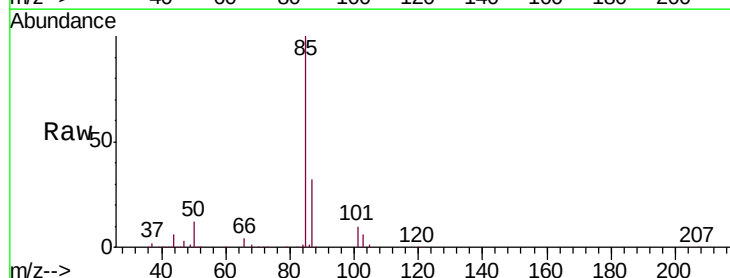
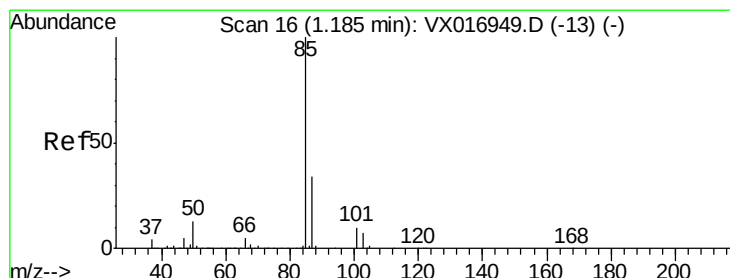
Acq: 09 Jul 2020 06:36

Tgt Ion: 85 Resp: 45030

Ion Ratio Lower Upper

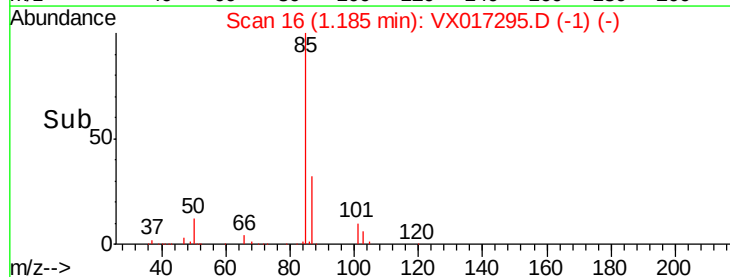
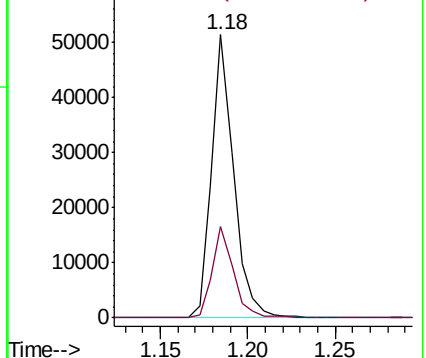
85 100

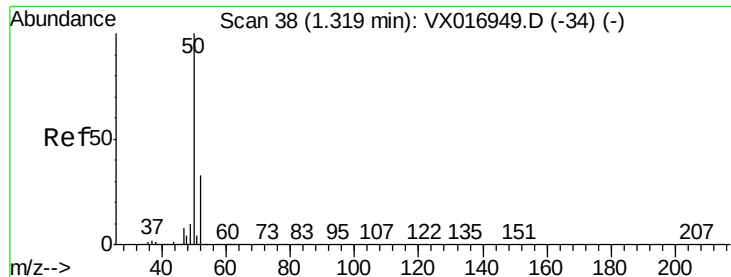
87 32.2 16.9 50.7



Abundance Ion 85.00 (84.70 to 85.70): VX0

Ion 87.00 (86.70 to 87.70): VX0





#3

Chloromethane

Concen: 14.837 ug/l

RT: 1.32 min Scan# 38

Delta R.T. -0.00 min

Lab File: VX017295.D

Acq: 09 Jul 2020 06:36

Instrument :

MSVOA_X

ClientSampleId :

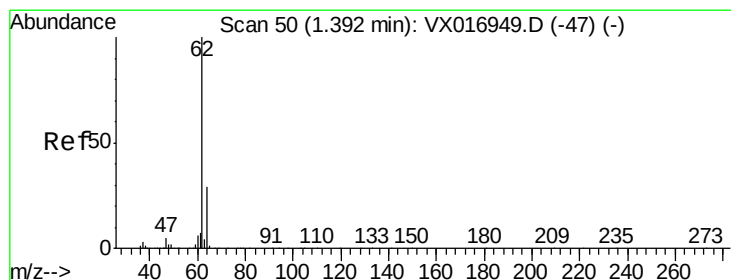
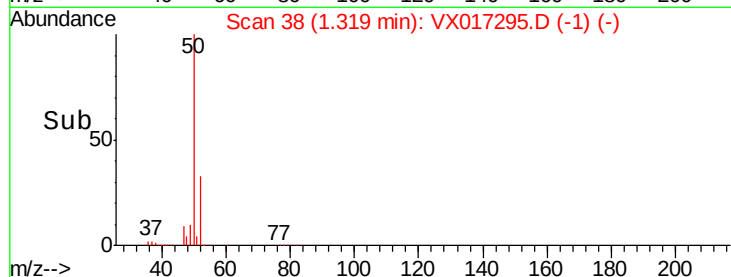
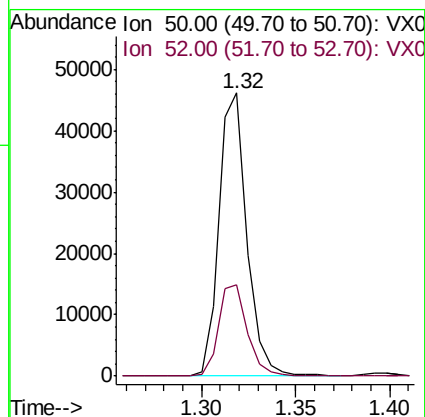
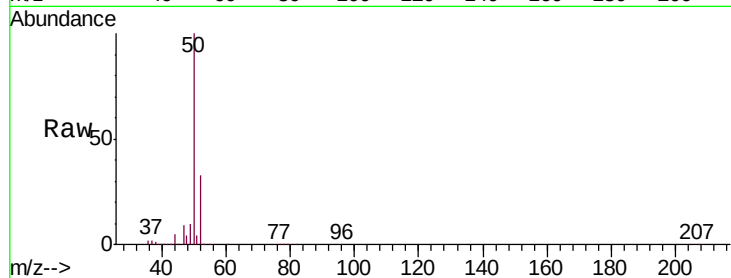
VSTDCCC020EC

Tgt Ion: 50 Resp: 47323

Ion Ratio Lower Upper

50 100

52 32.4 26.5 39.7



#4

Vinyl Chloride

Concen: 14.730 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX017295.D

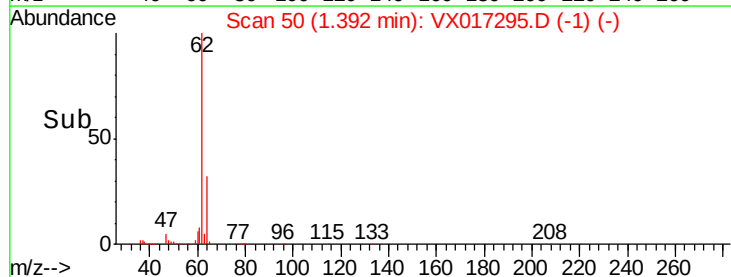
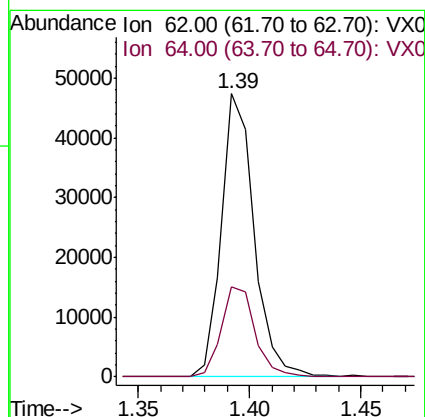
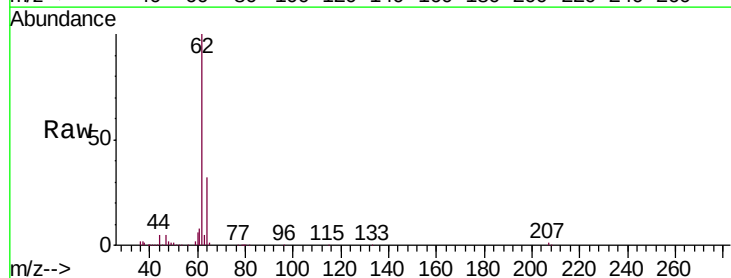
Acq: 09 Jul 2020 06:36

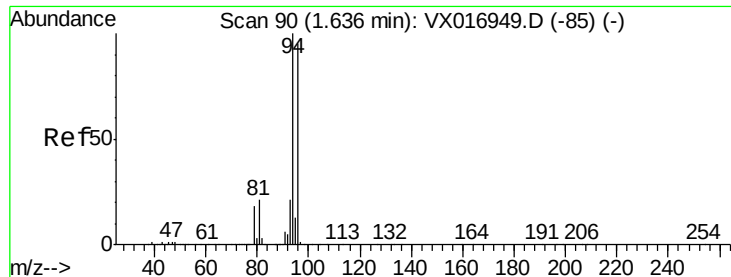
Tgt Ion: 62 Resp: 47913

Ion Ratio Lower Upper

62 100

64 31.7 23.4 35.0





#5

Bromomethane

Concen: 15.213 ug/l

RT: 1.64 min Scan# 90

Delta R.T. -0.00 min

Lab File: VX017295.D

Acq: 09 Jul 2020 06:36

Instrument :

MSVOA_X

ClientSampleId :

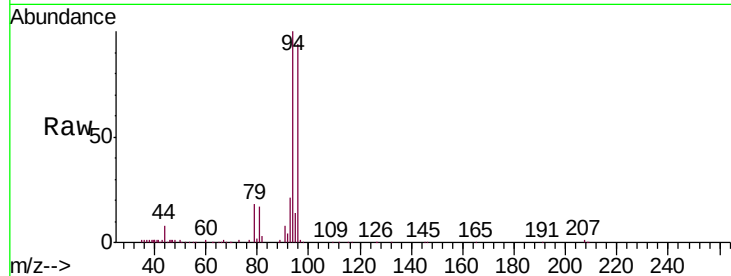
VSTDCCC020EC

Tgt Ion: 94 Resp: 35630

Ion Ratio Lower Upper

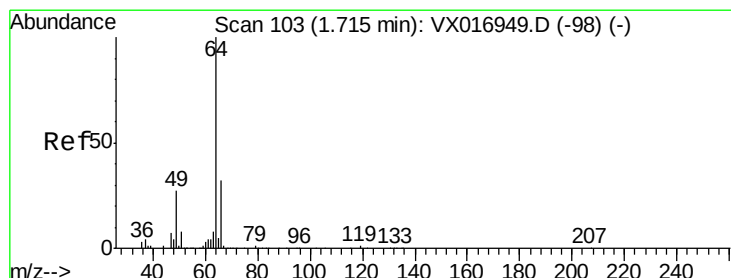
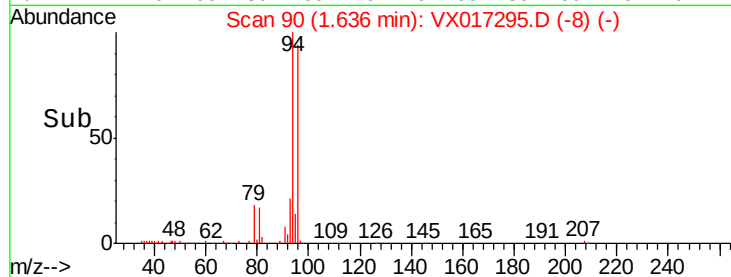
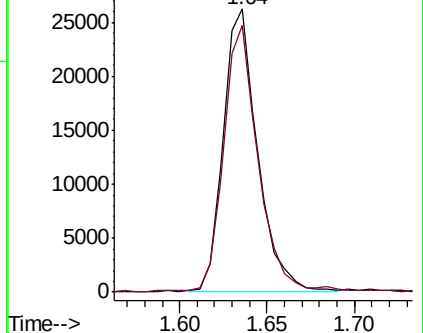
94 100

96 94.1 75.5 113.3



Abundance Ion 94.00 (93.70 to 94.70): VX0

Ion 96.00 (95.70 to 96.70): VX0



#6

Chloroethane

Concen: 14.645 ug/l

RT: 1.71 min Scan# 103

Delta R.T. -0.00 min

Lab File: VX017295.D

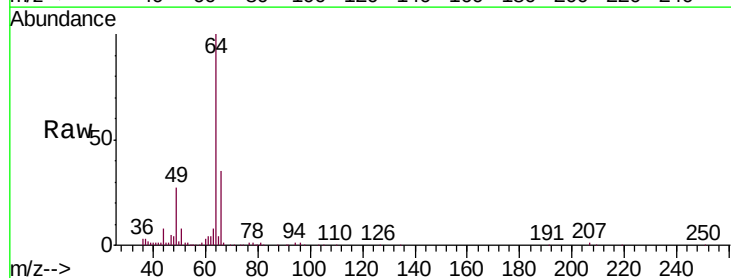
Acq: 09 Jul 2020 06:36

Tgt Ion: 64 Resp: 30723

Ion Ratio Lower Upper

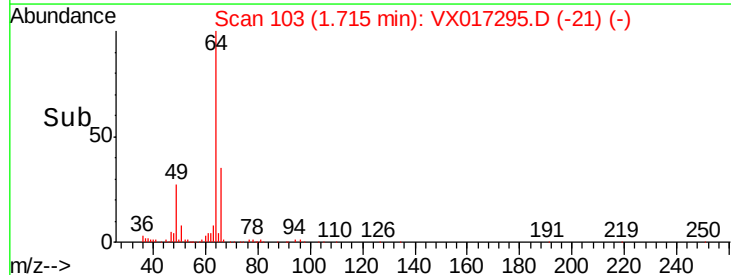
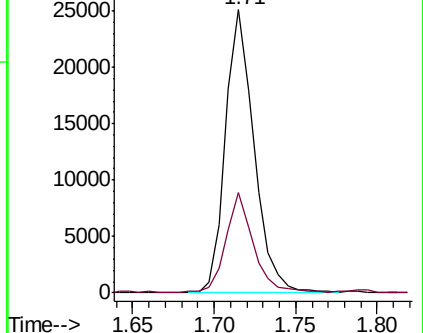
64 100

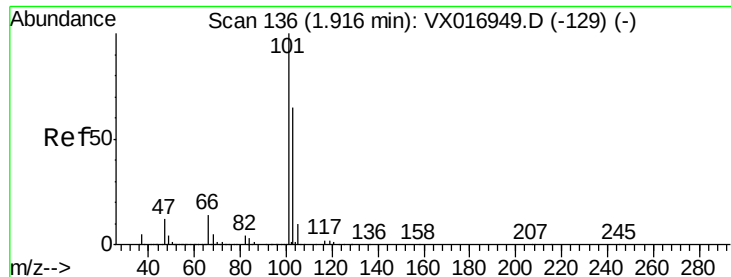
66 35.0 26.1 39.1



Abundance Ion 64.00 (63.70 to 64.70): VX0

Ion 66.00 (65.70 to 66.70): VX0



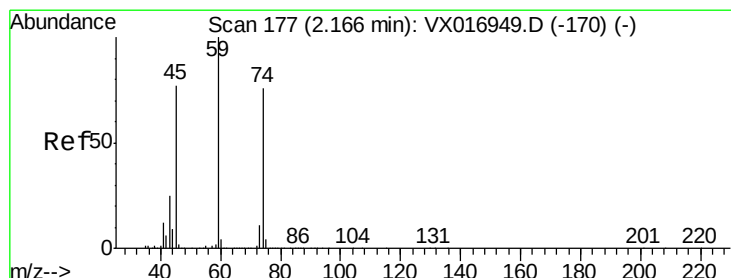
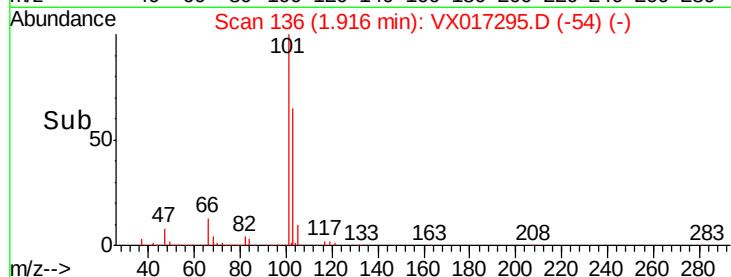
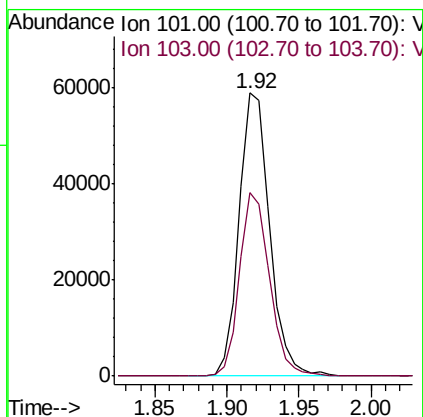
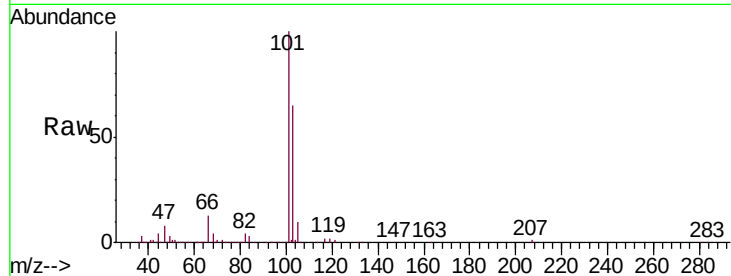


#7

Trichlorofluoromethane
 Concen: 16.389 ug/l
 RT: 1.92 min Scan# 136
 Delta R.T. -0.00 min
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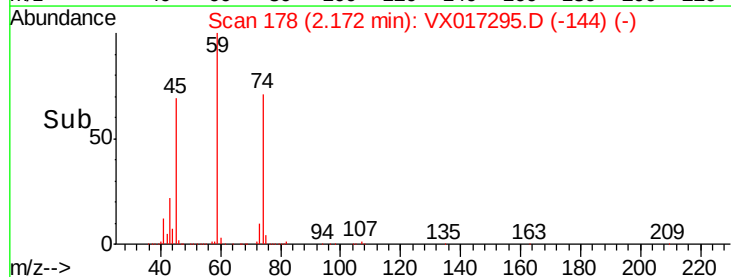
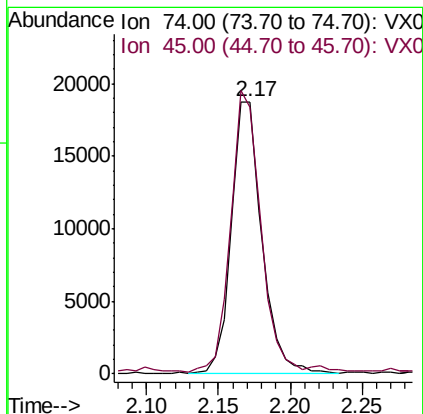
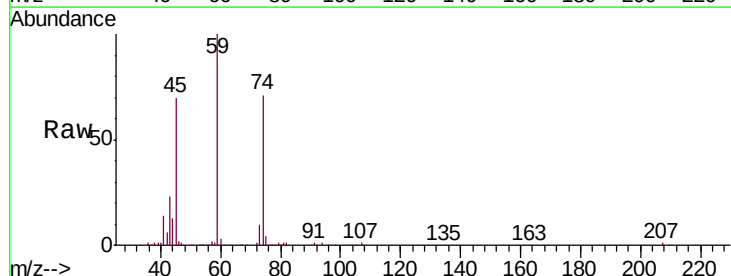
Tgt Ion:101 Resp: 86696
 Ion Ratio Lower Upper
 101 100
 103 64.7 52.1 78.1

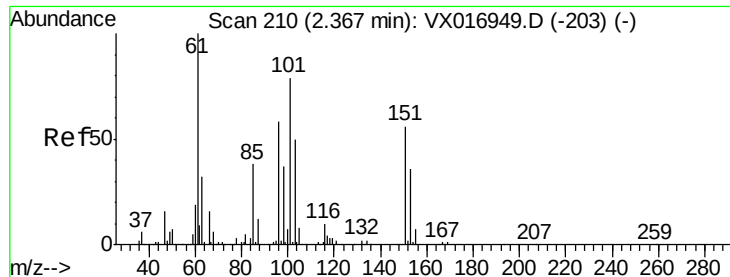


#8

Diethyl Ether
 Concen: 14.632 ug/l
 RT: 2.17 min Scan# 178
 Delta R.T. 0.01 min
 Lab File: VX017295.D
 Acq: 09 Jul 2020 06:36

Tgt Ion: 74 Resp: 28164
 Ion Ratio Lower Upper
 74 100
 45 100.0 19.8 178.2





#9

1,1,2-Trichlorotrifluoroethane

Concen: 16.664 ug/l

RT: 2.37 min Scan# 210

Delta R.T. -0.00 min

Lab File: VX017295.D

Acq: 09 Jul 2020 06:36

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

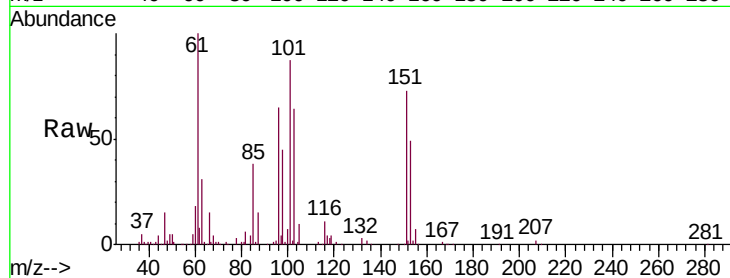
Tgt Ion: 101 Resp: 46784

Ion Ratio Lower Upper

101 100

85 44.4 0.0 94.6

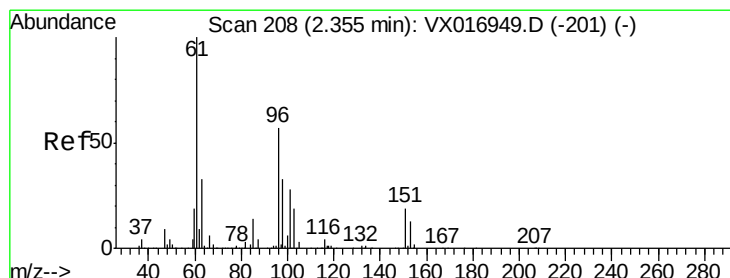
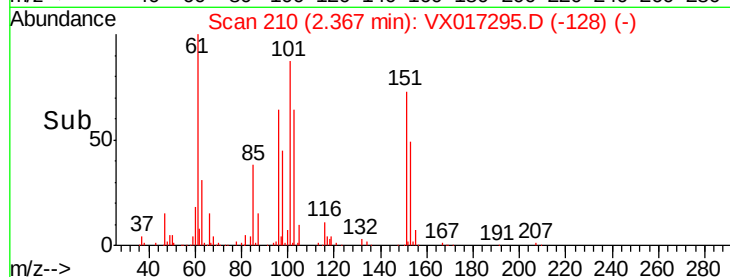
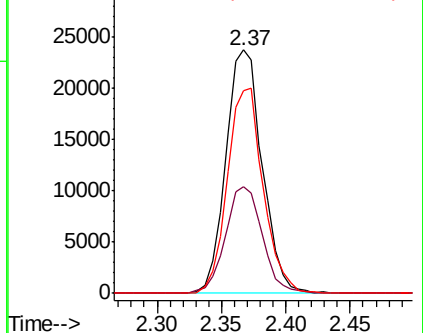
151 82.3 0.0 145.8



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VX0

Ion 151.00 (150.70 to 151.70): V



#10

1,1-Dichloroethene

Concen: 16.765 ug/l

RT: 2.36 min Scan# 209

Delta R.T. 0.01 min

Lab File: VX017295.D

Acq: 09 Jul 2020 06:36

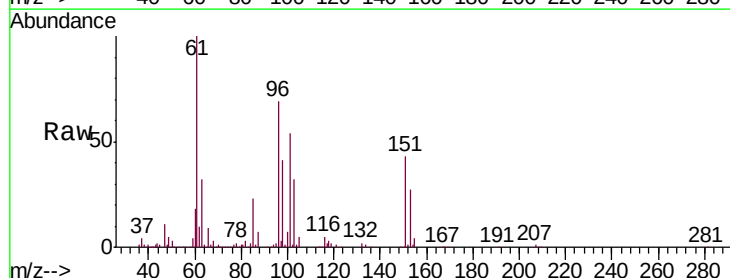
Tgt Ion: 96 Resp: 46421

Ion Ratio Lower Upper

96 100

61 144.4 141.3 211.9

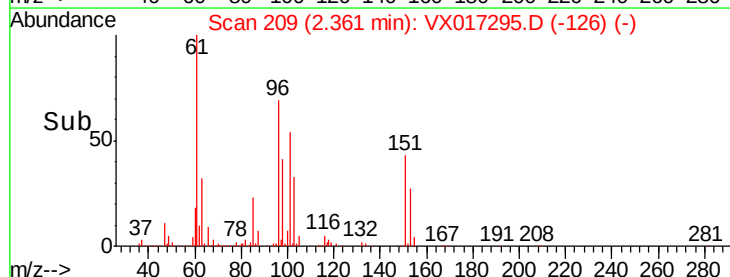
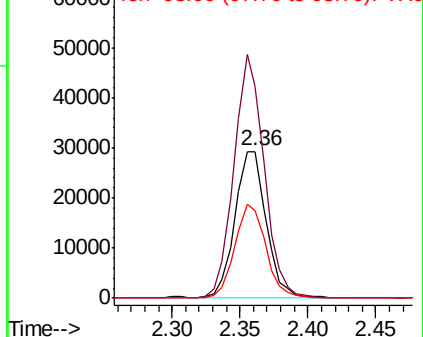
98 59.3 47.0 70.4

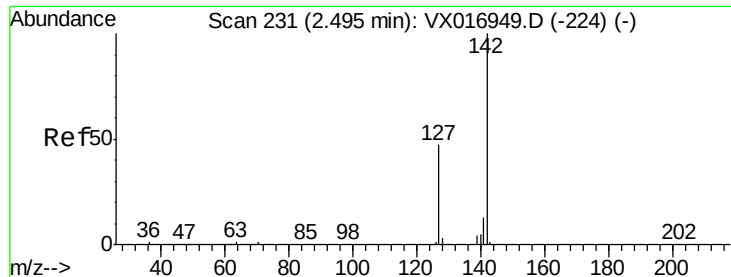


Abundance Ion 96.00 (95.70 to 96.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 98.00 (97.70 to 98.70): VX0

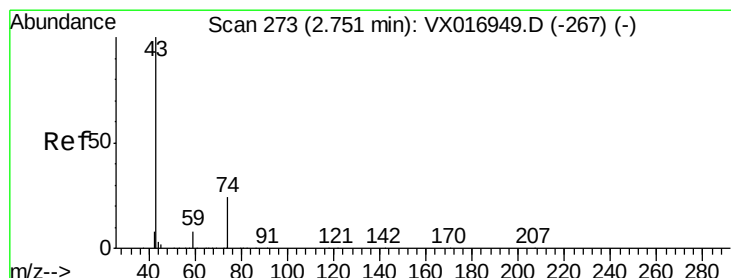
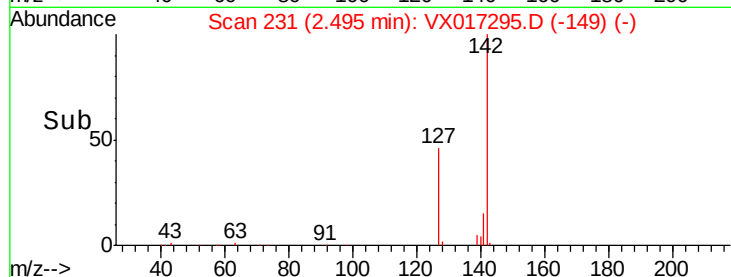
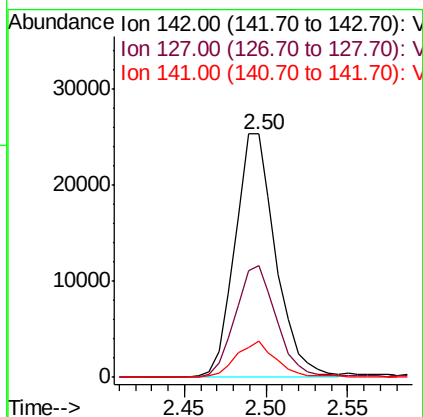
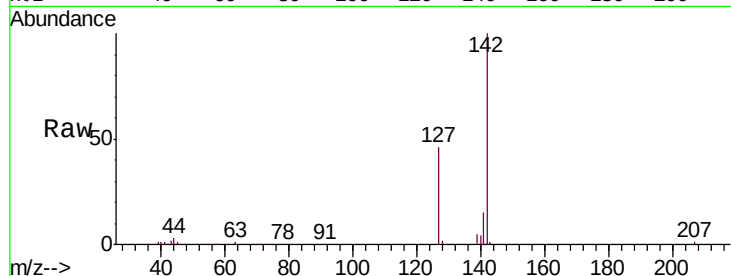




#11
Methyl Iodide
Concen: 11.902 ug/l
RT: 2.50 min Scan# 231
Delta R.T. -0.00 min
Lab File: VX017295.D
Acq: 09 Jul 2020 06:36

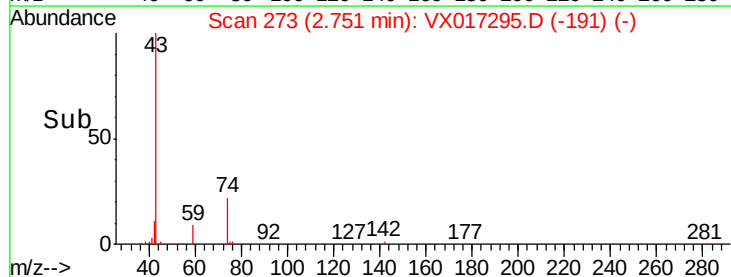
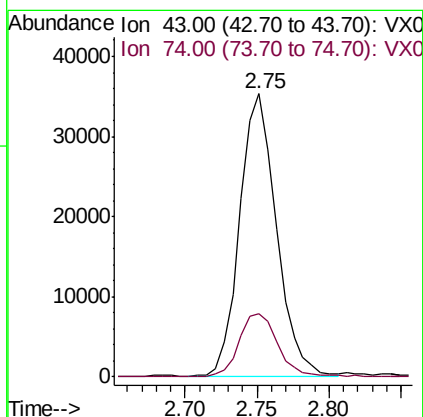
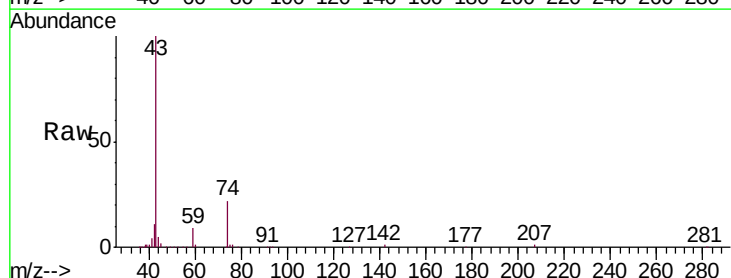
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

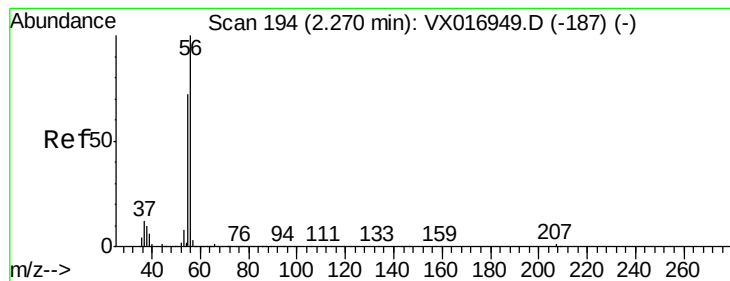
Tgt Ion:142 Resp: 44005
Ion Ratio Lower Upper
142 100
127 45.9 23.3 69.9
141 14.5 6.7 20.1



#12
Methyl Acetate
Concen: 17.834 ug/l
RT: 2.75 min Scan# 273
Delta R.T. -0.00 min
Lab File: VX017295.D
Acq: 09 Jul 2020 06:36

Tgt Ion: 43 Resp: 62291
Ion Ratio Lower Upper
43 100
74 22.0 19.1 28.7





#13

Acrolein

Concen: 83.877 ug/l

RT: 2.28 min Scan# 195

Delta R.T. 0.01 min

Lab File: VX017295.D

Acq: 09 Jul 2020 06:36

Instrument :

MSVOA_X

ClientSampleId :

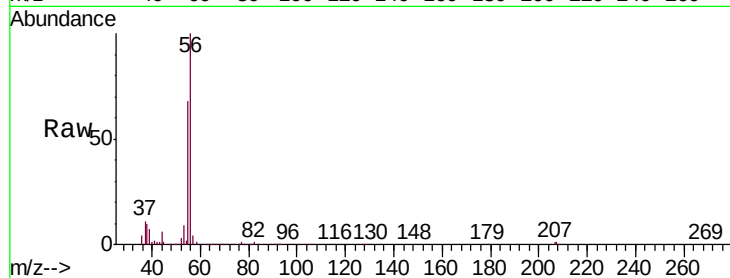
VSTDCCC020EC

Tgt Ion: 56 Resp: 46227

Ion Ratio Lower Upper

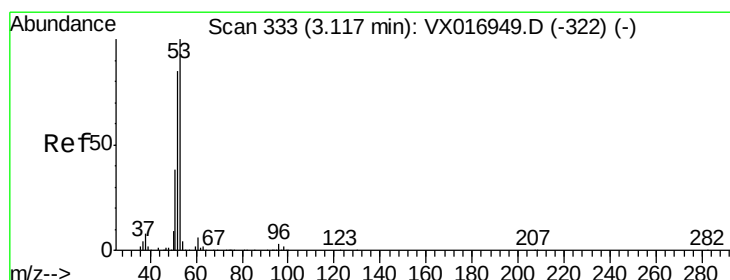
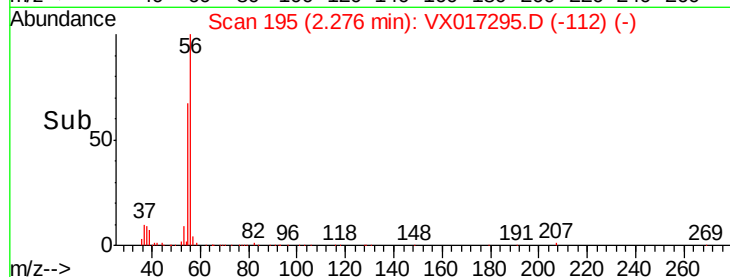
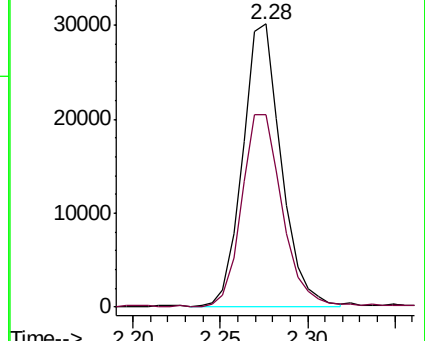
56 100

55 71.5 56.2 84.4



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Acrylonitrile

Concen: 83.362 ug/l

RT: 3.12 min Scan# 333

Delta R.T. -0.00 min

Lab File: VX017295.D

Acq: 09 Jul 2020 06:36

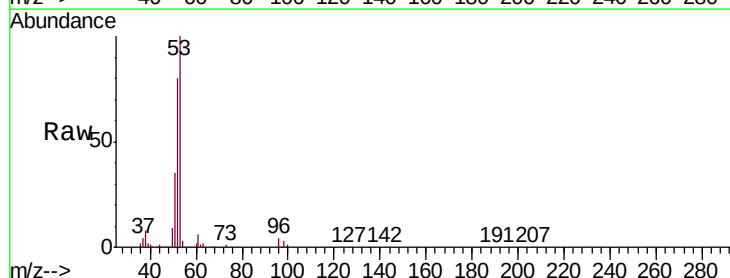
Tgt Ion: 53 Resp: 137903

Ion Ratio Lower Upper

53 100

52 82.0 40.6 121.8

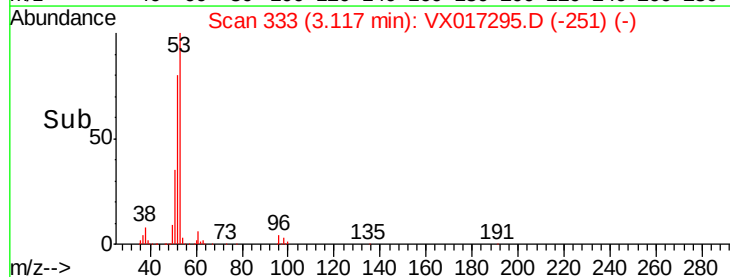
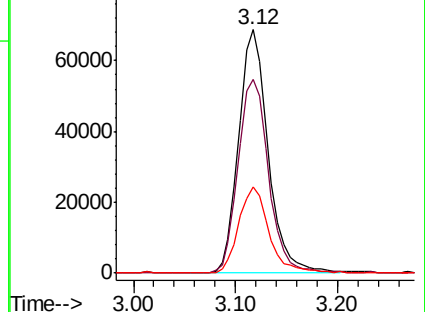
51 36.5 18.4 55.4

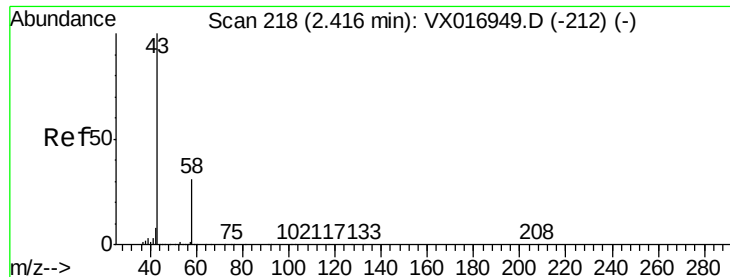


Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0





#15

Acetone

Concen: 88.198 ug/l

RT: 2.42 min Scan# 218

Delta R.T. -0.00 min

Lab File: VX017295.D

Acq: 09 Jul 2020 06:36

Instrument :

MSVOA_X

ClientSampleId :

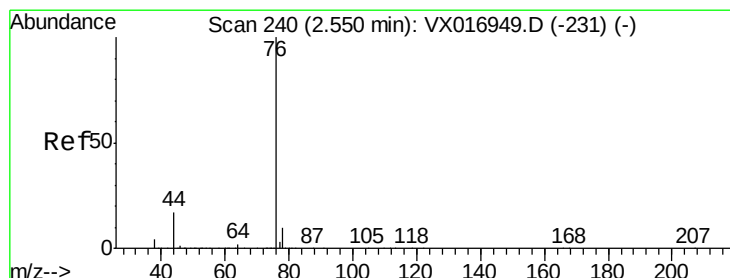
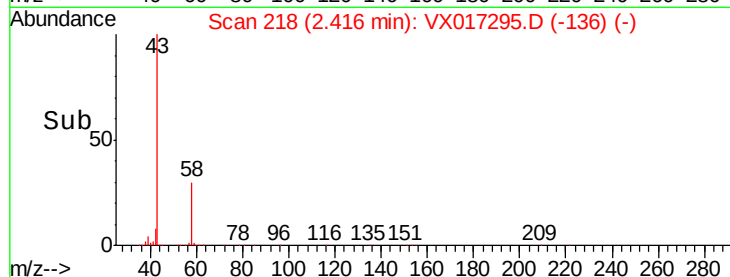
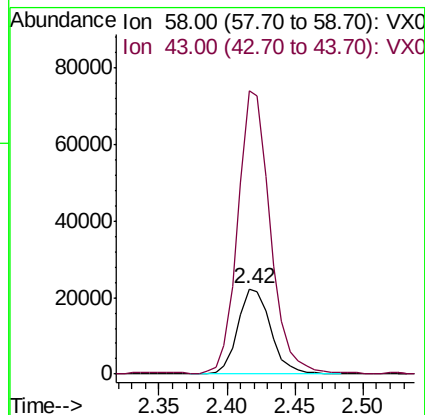
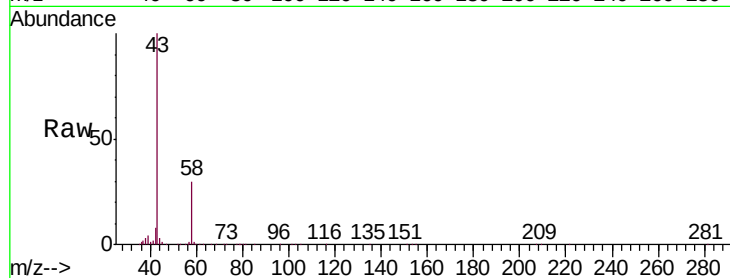
VSTDCCC020EC

Tgt Ion: 58 Resp: 37758

Ion Ratio Lower Upper

58 100

43 330.2 257.6 386.4



#16

Carbon Disulfide

Concen: 14.664 ug/l

RT: 2.55 min Scan# 240

Delta R.T. -0.00 min

Lab File: VX017295.D

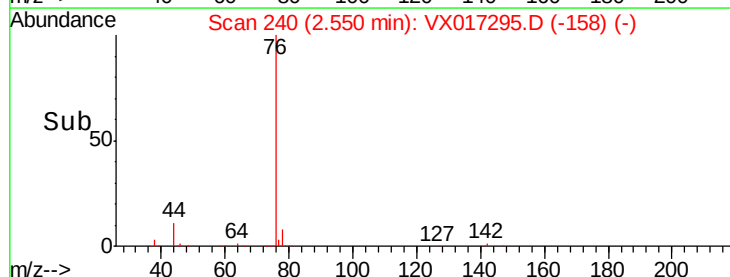
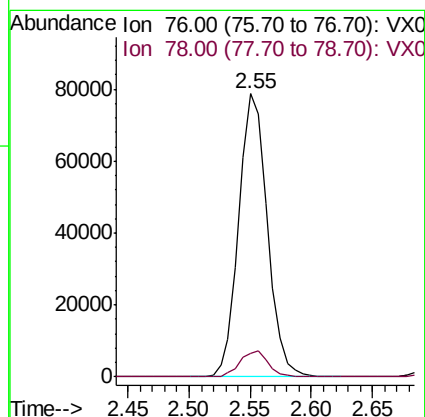
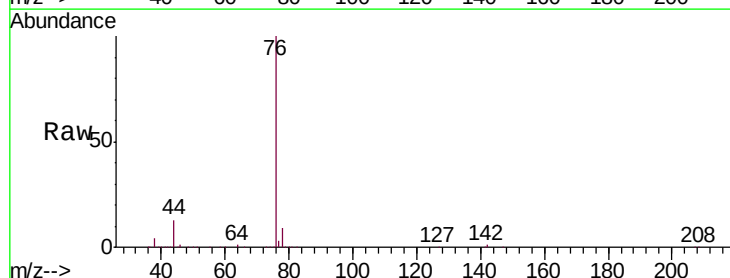
Acq: 09 Jul 2020 06:36

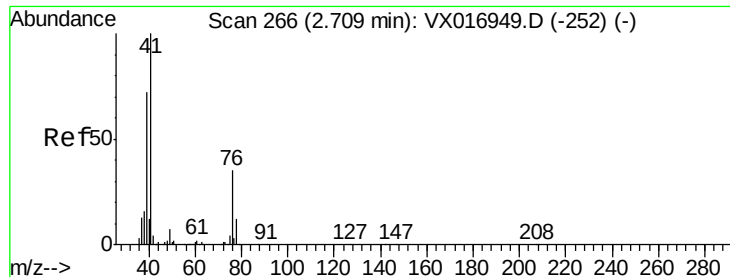
Tgt Ion: 76 Resp: 127642

Ion Ratio Lower Upper

76 100

78 8.5 7.6 11.4

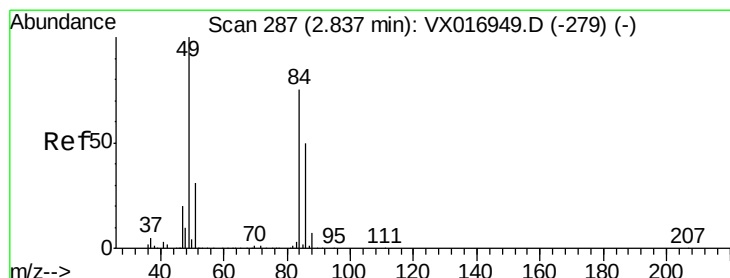
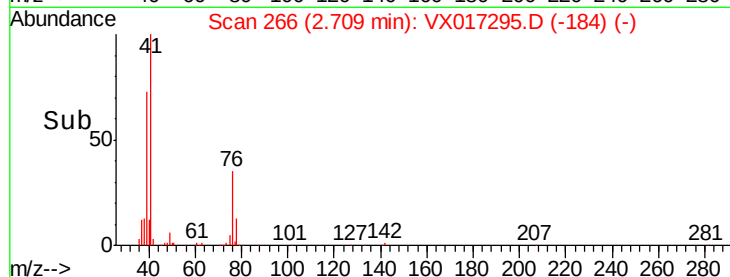
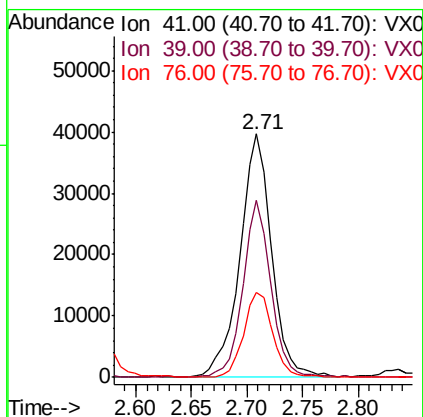
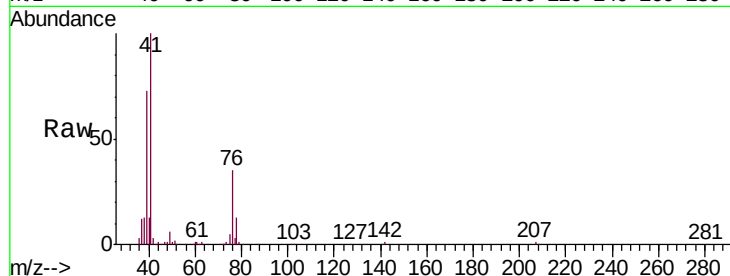




#17
 Allyl chloride
 Concen: 15.145 ug/l
 RT: 2.71 min Scan# 266
 Delta R.T. -0.00 min
 Lab File: VX017295.D
 Acq: 09 Jul 2020 06:36

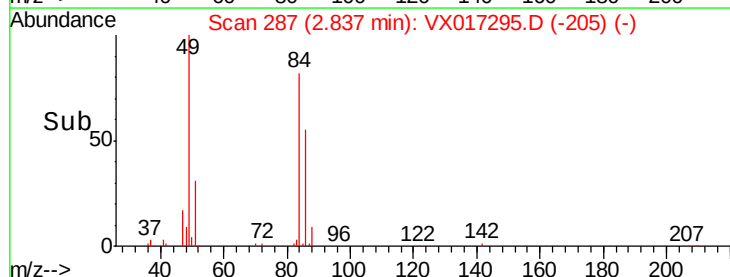
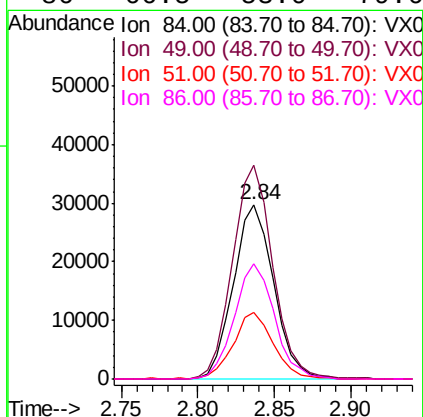
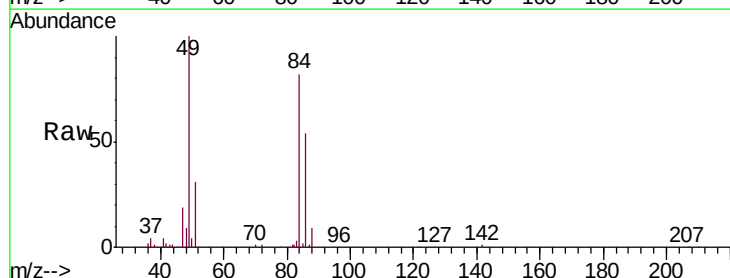
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

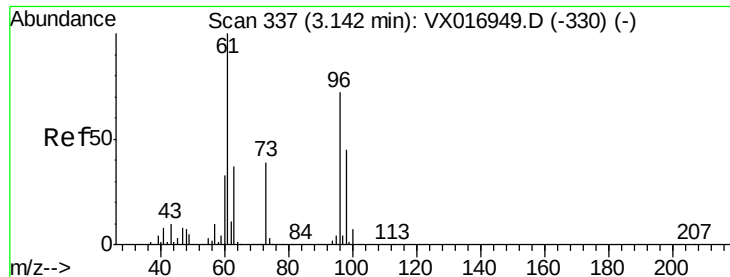
Tgt Ion: 41 Resp: 78503
 Ion Ratio Lower Upper
 41 100
 39 72.6 35.9 107.8
 76 35.1 17.6 52.8



#18
 Methylene Chloride
 Concen: 16.340 ug/l
 RT: 2.84 min Scan# 287
 Delta R.T. -0.00 min
 Lab File: VX017295.D
 Acq: 09 Jul 2020 06:36

Tgt Ion: 84 Resp: 54495
 Ion Ratio Lower Upper
 84 100
 49 122.5 106.6 159.8
 51 38.3 32.7 49.1
 86 66.5 53.0 79.6

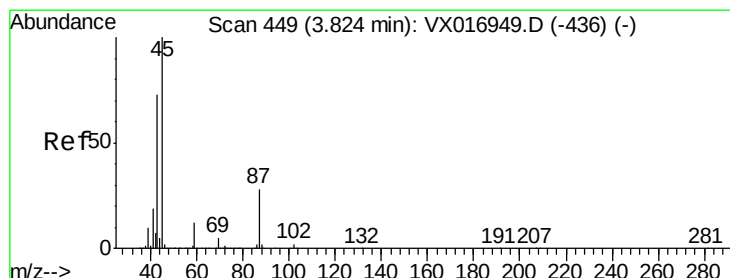
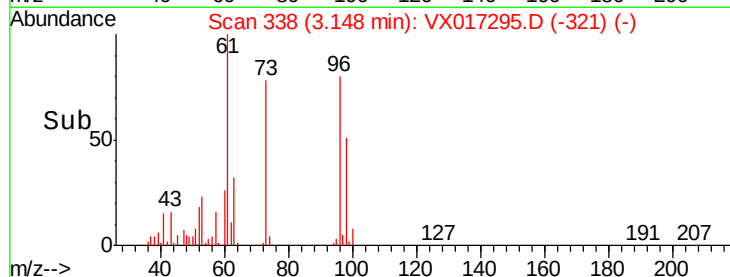
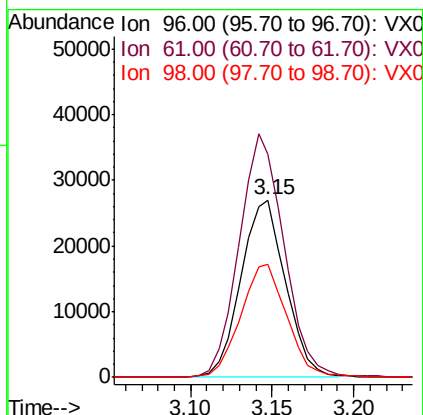
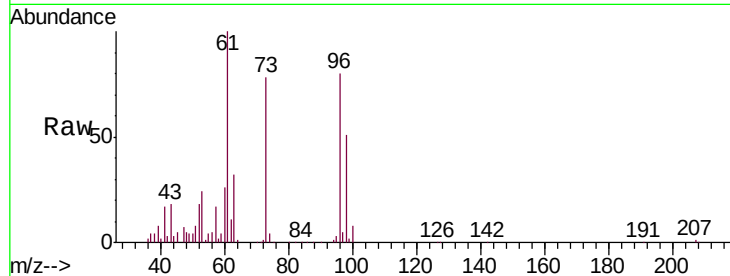




#19
trans-1,2-Dichloroethene
Concen: 16.452 ug/l
RT: 3.15 min Scan# 338
Delta R.T. 0.01 min
Lab File: VX017295.D
Acq: 09 Jul 2020 06:36

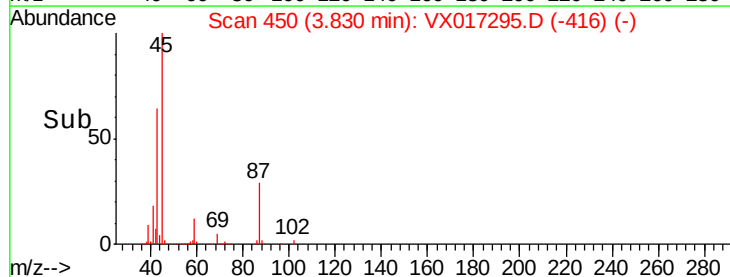
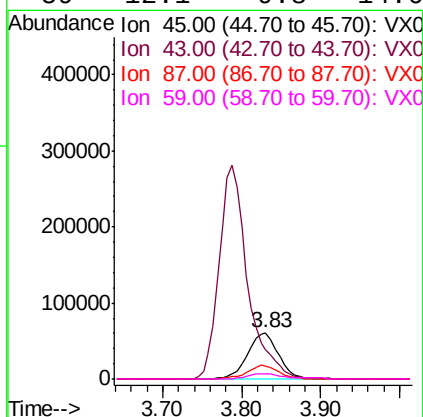
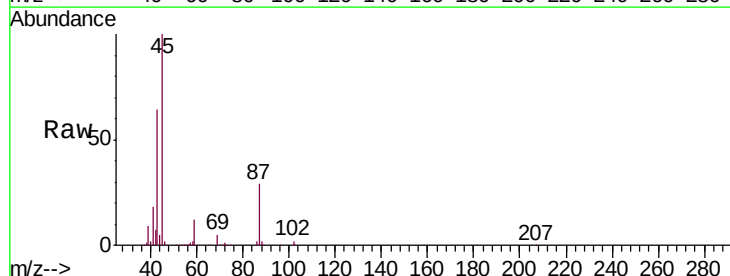
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

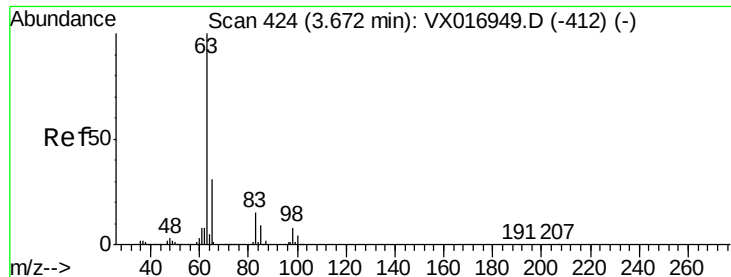
Tgt Ion: 96 Resp: 51616
Ion Ratio Lower Upper
96 100
61 125.4 110.6 165.8
98 63.7 49.8 74.6



#20
Diisopropyl ether
Concen: 16.006 ug/l
RT: 3.83 min Scan# 450
Delta R.T. 0.01 min
Lab File: VX017295.D
Acq: 09 Jul 2020 06:36

Tgt Ion: 45 Resp: 165810
Ion Ratio Lower Upper
45 100
43 63.1 63.9 95.9#
87 29.0 22.2 33.4
59 12.1 9.8 14.6

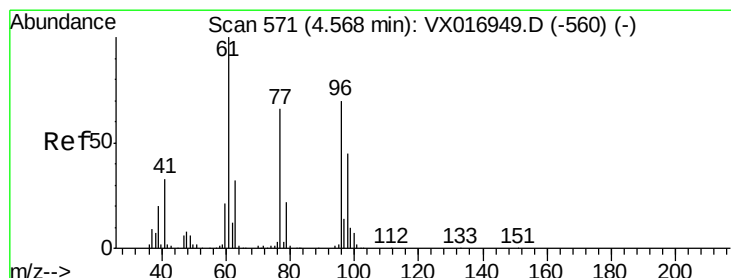
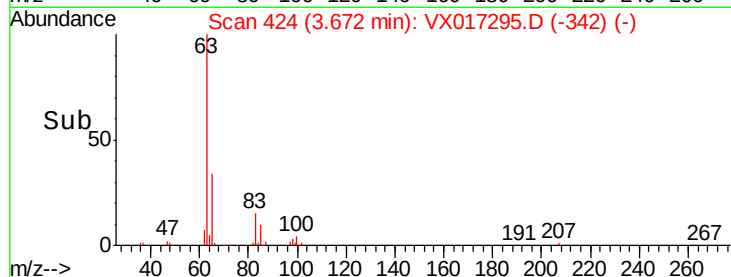
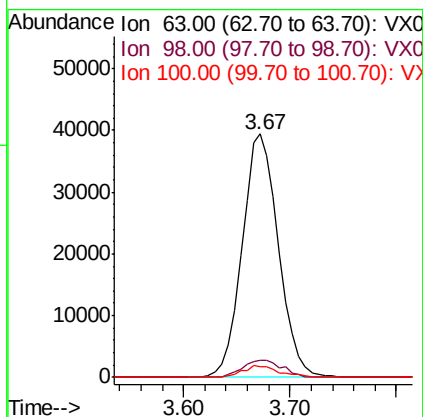
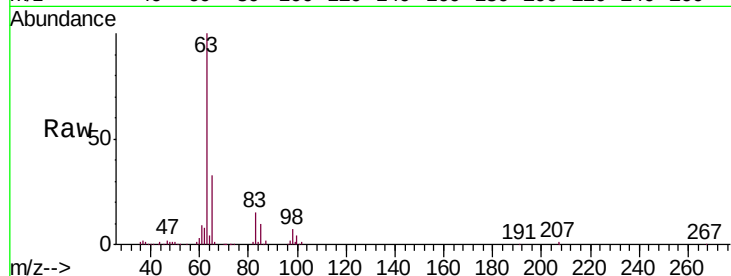




#21
 1,1-Dichloroethane
 Concen: 16.476 ug/l
 RT: 3.67 min Scan# 424
 Delta R.T. -0.00 min
 Lab File: VX017295.D
 Acq: 09 Jul 2020 06:36

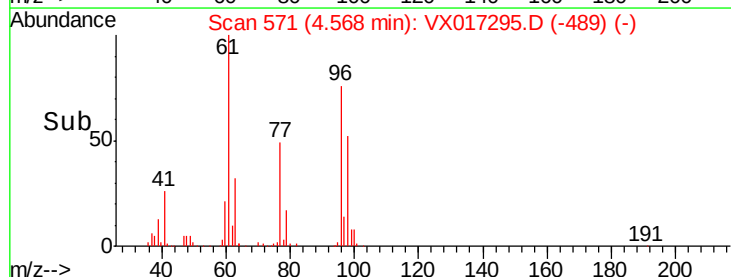
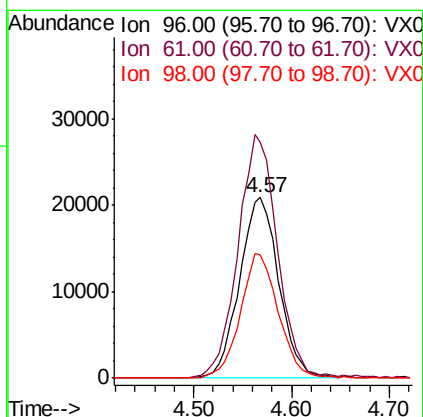
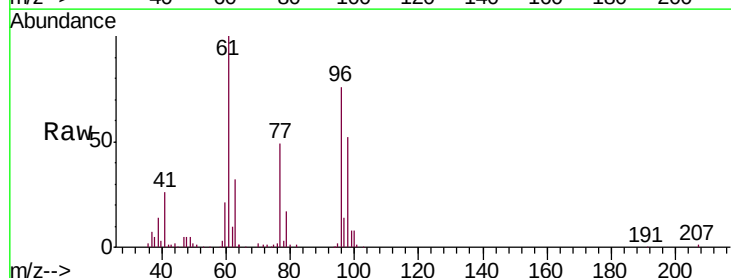
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

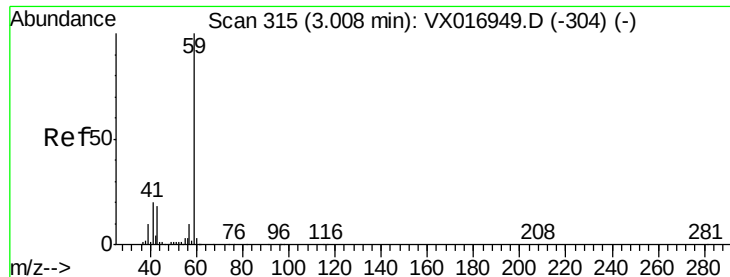
Tgt Ion: 63 Resp: 94111
 Ion Ratio Lower Upper
 63 100
 98 7.3 3.8 11.4
 100 4.5 2.2 6.6



#22
 cis-1,2-Dichloroethene
 Concen: 16.641 ug/l
 RT: 4.57 min Scan# 571
 Delta R.T. -0.00 min
 Lab File: VX017295.D
 Acq: 09 Jul 2020 06:36

Tgt Ion: 96 Resp: 58128
 Ion Ratio Lower Upper
 96 100
 61 135.0 120.8 181.2
 98 66.5 51.7 77.5





#23

tert-Butyl Alcohol

Concen: 78.458 ug/l

RT: 3.01 min Scan# 316

Delta R.T. 0.01 min

Lab File: VX017295.D

Acq: 09 Jul 2020 06:36

Instrument :

MSVOA_X

ClientSampleId :

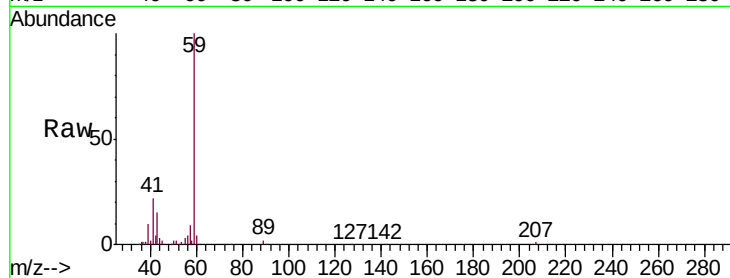
VSTDCCC020EC

Tgt Ion: 59 Resp: 57493

Ion Ratio Lower Upper

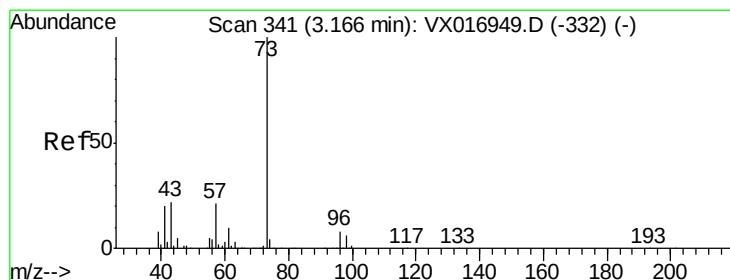
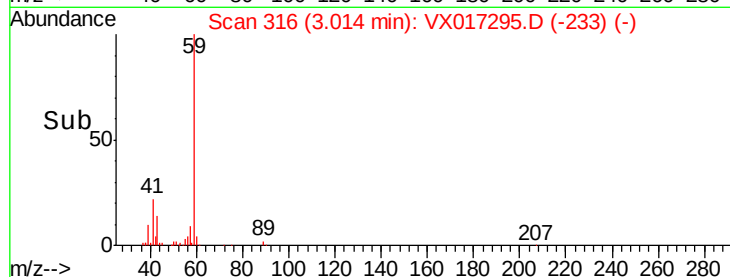
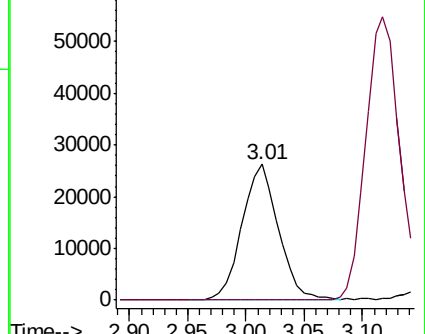
59 100

52 0.2 0.1 0.1#



Abundance Ion 59.00 (58.70 to 59.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#24

Methyl tert-Butyl Ether

Concen: 16.716 ug/l

RT: 3.17 min Scan# 341

Delta R.T. -0.00 min

Lab File: VX017295.D

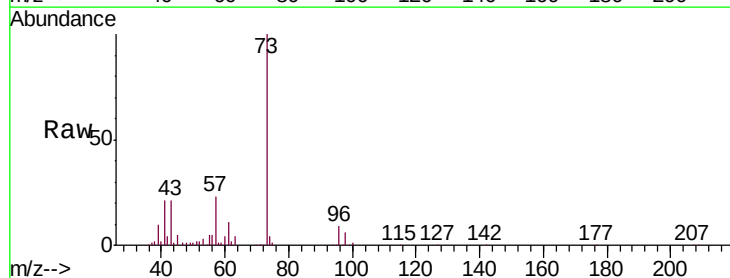
Acq: 09 Jul 2020 06:36

Tgt Ion: 73 Resp: 165267

Ion Ratio Lower Upper

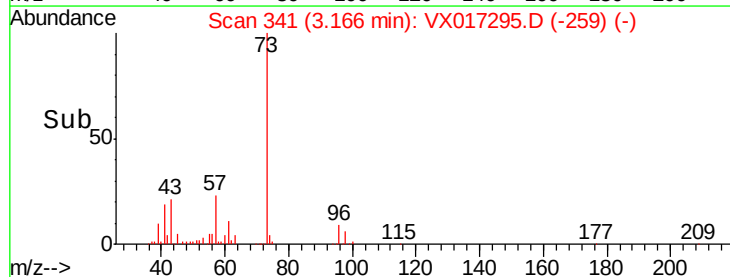
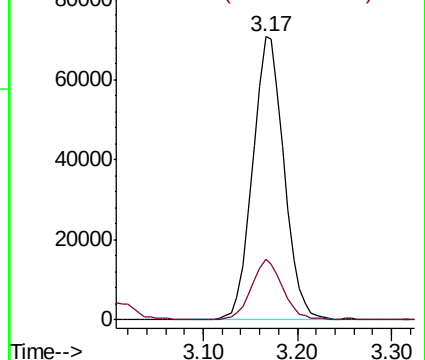
73 100

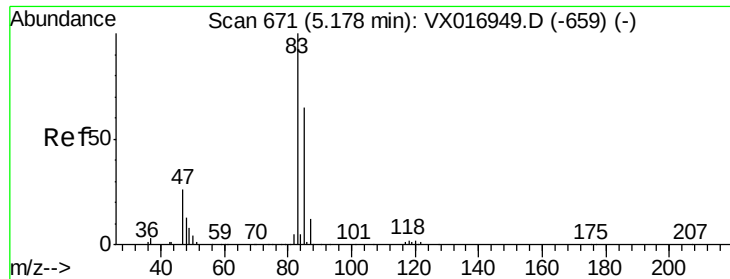
43 21.0 17.2 25.8



Abundance Ion 73.00 (72.70 to 73.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

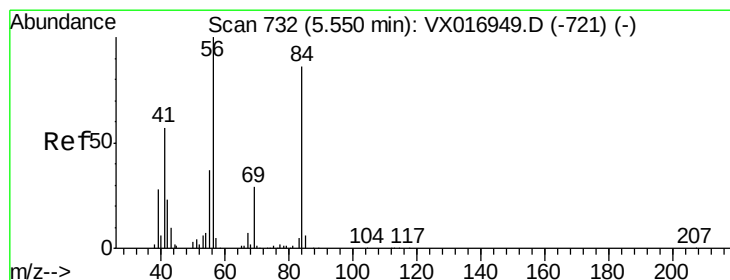
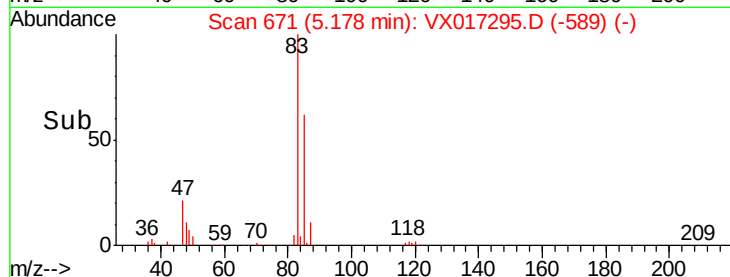
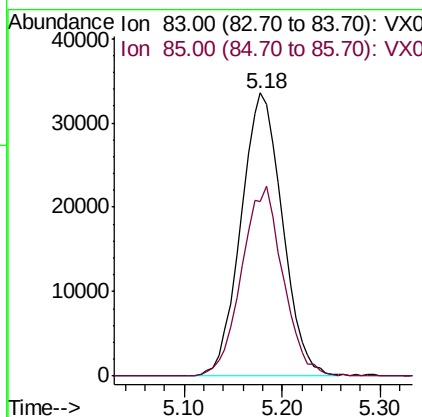
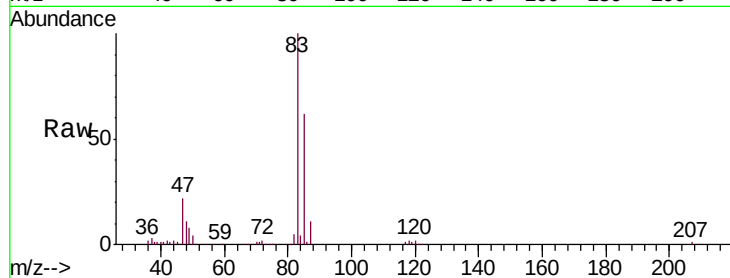




#25
Chloroform
Concen: 17.045 ug/l
RT: 5.18 min Scan# 671
Delta R.T. -0.00 min
Lab File: VX017295.D
Acq: 09 Jul 2020 06:36

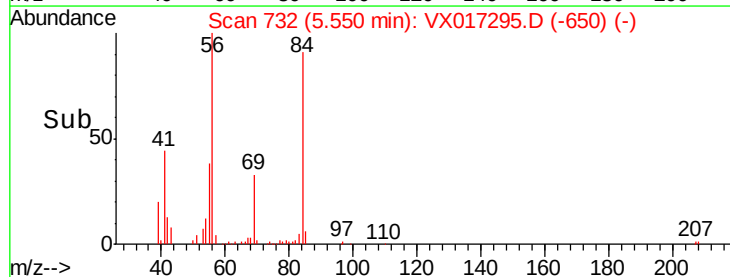
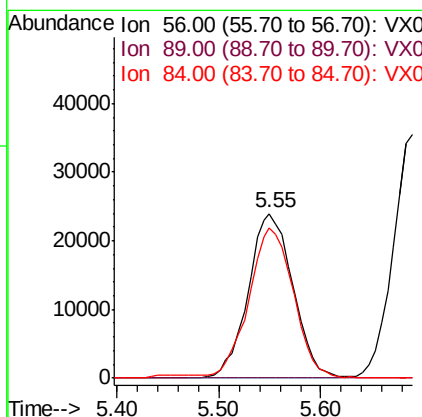
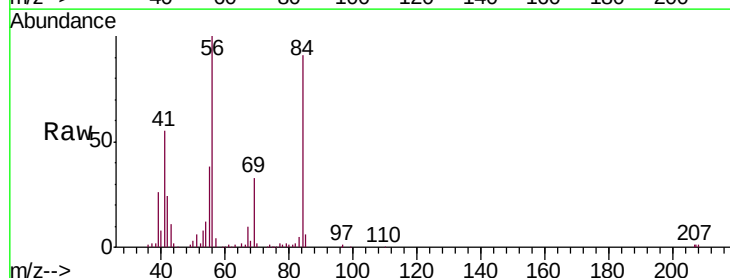
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

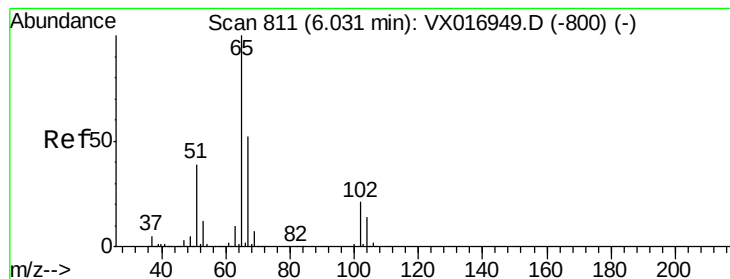
Tgt Ion: 83 Resp: 98714
Ion Ratio Lower Upper
83 100
85 61.9 52.1 78.1



#26
Cyclohexane
Concen: 14.595 ug/l
RT: 5.55 min Scan# 732
Delta R.T. -0.00 min
Lab File: VX017295.D
Acq: 09 Jul 2020 06:36

Tgt Ion: 56 Resp: 72723
Ion Ratio Lower Upper
56 100
89 0.1 0.0 0.0#
84 91.6 69.0 103.6





#27

1,2-Dichloroethane-d4

Concen: 27.905 ug/l

RT: 6.04 min Scan# 812

Delta R.T. 0.01 min

Lab File: VX017295.D

Acq: 09 Jul 2020 06:36

Instrument :

MSVOA_X

ClientSampleId :

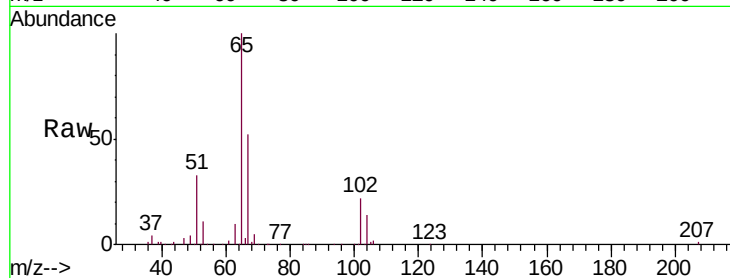
VSTDCCC020EC

Tgt Ion: 65 Resp: 105052

Ion Ratio Lower Upper

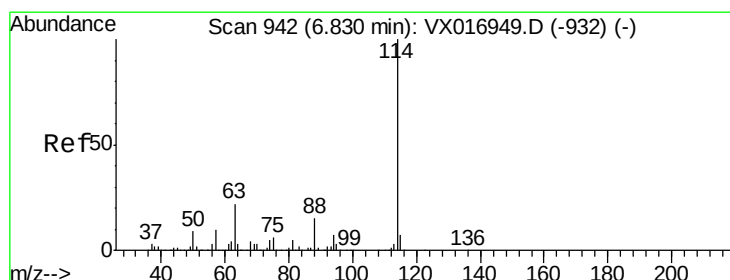
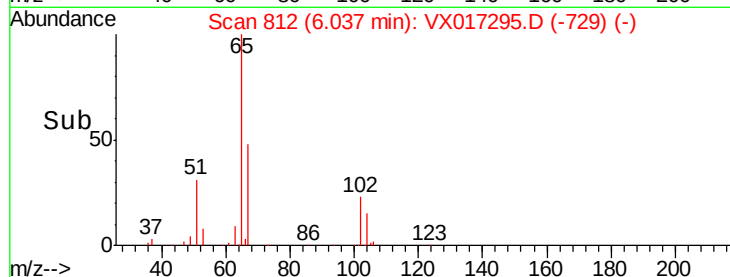
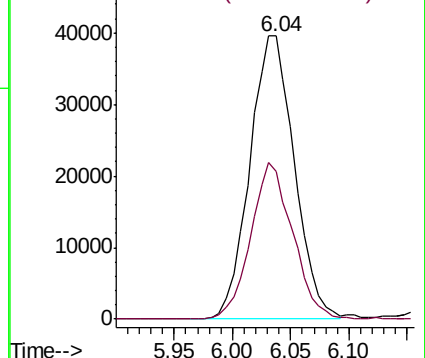
65 100

67 52.2 41.5 62.3



Abundance Ion 65.00 (64.70 to 65.70): VX0

Ion 67.00 (66.70 to 67.70): VX0



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 6.84 min Scan# 943

Delta R.T. 0.01 min

Lab File: VX017295.D

Acq: 09 Jul 2020 06:36

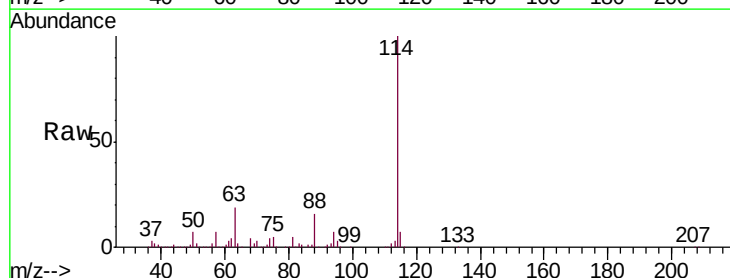
Tgt Ion: 114 Resp: 251171

Ion Ratio Lower Upper

114 100

63 19.8 17.4 26.2

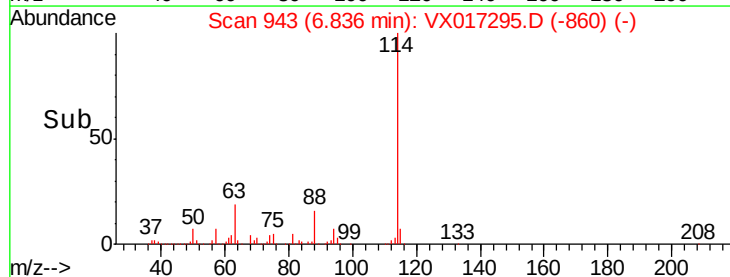
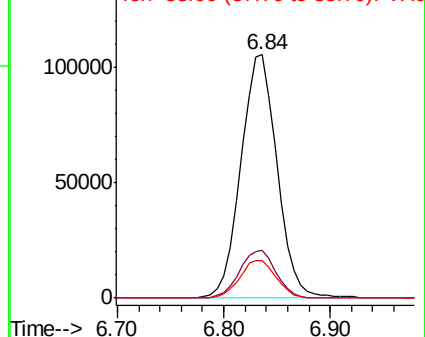
88 15.7 13.0 19.6

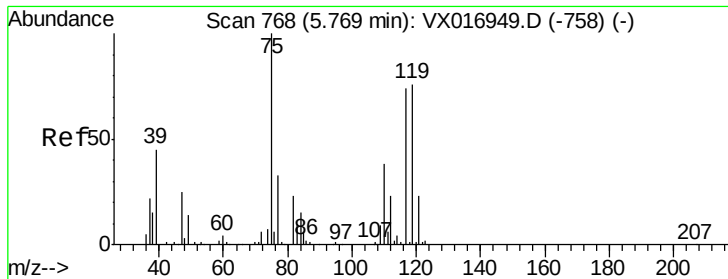


Abundance Ion 114.00 (113.70 to 114.70): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 88.00 (87.70 to 88.70): VX0

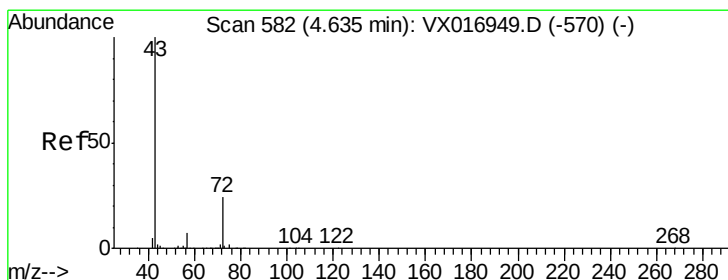
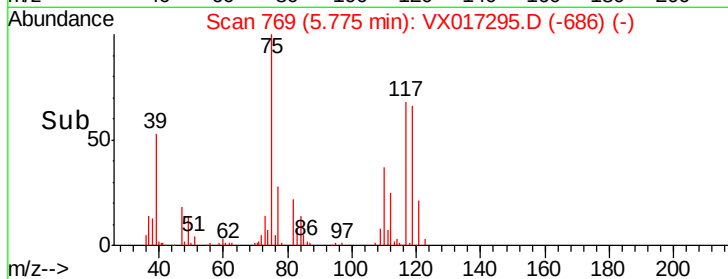
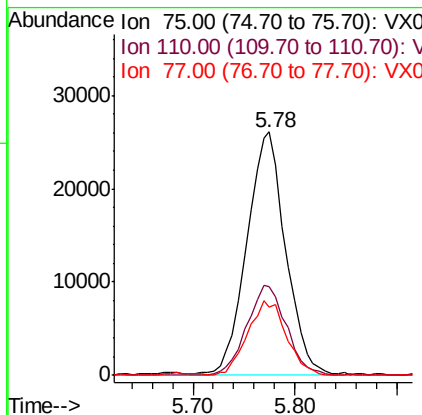
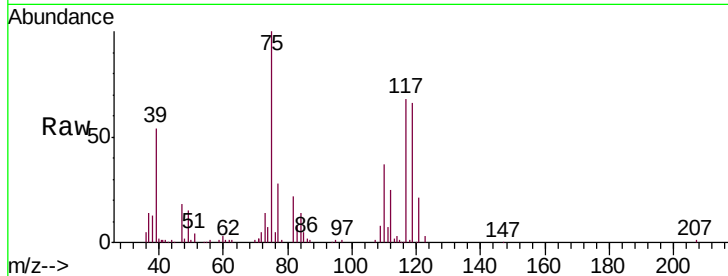




#29
 1,1-Dichloropropene
 Concen: 16.922 ug/l
 RT: 5.78 min Scan# 769
 Delta R.T. 0.01 min
 Lab File: VX017295.D
 Acq: 09 Jul 2020 06:36

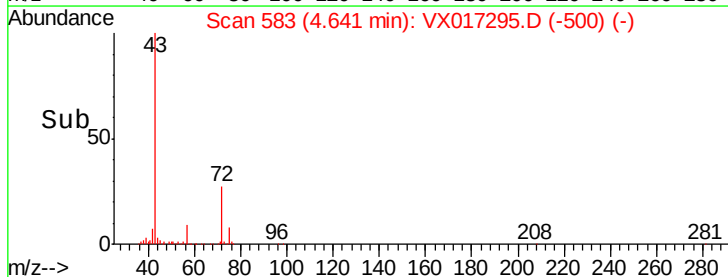
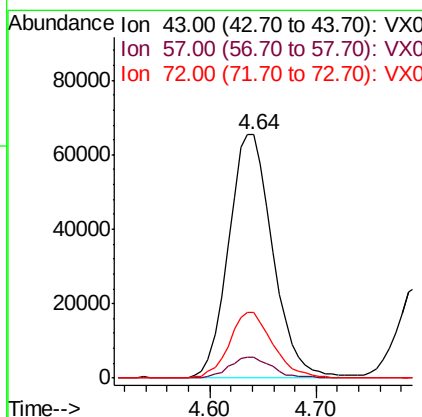
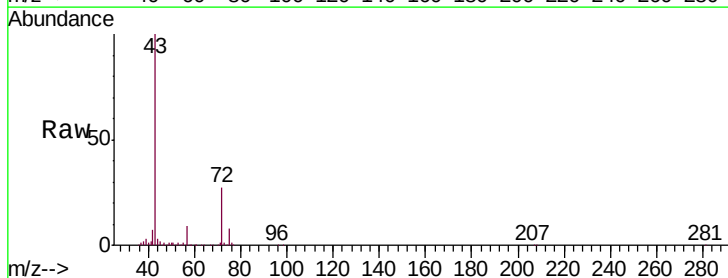
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

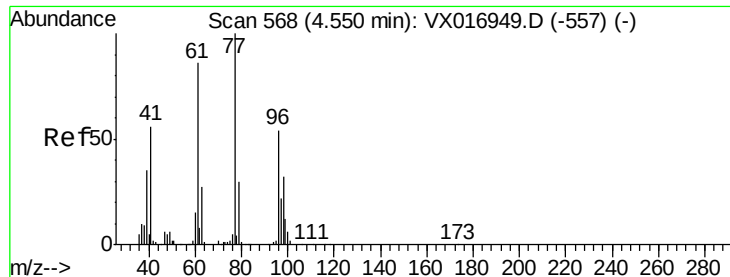
Tgt Ion: 75 Resp: 69240
 Ion Ratio Lower Upper
 75 100
 110 37.6 0.0 71.6
 77 30.7 0.0 64.0



#30
 2-Butanone
 Concen: 87.894 ug/l
 RT: 4.64 min Scan# 583
 Delta R.T. 0.01 min
 Lab File: VX017295.D
 Acq: 09 Jul 2020 06:36

Tgt Ion: 43 Resp: 187456
 Ion Ratio Lower Upper
 43 100
 57 8.4 6.2 9.4
 72 26.9 20.6 31.0

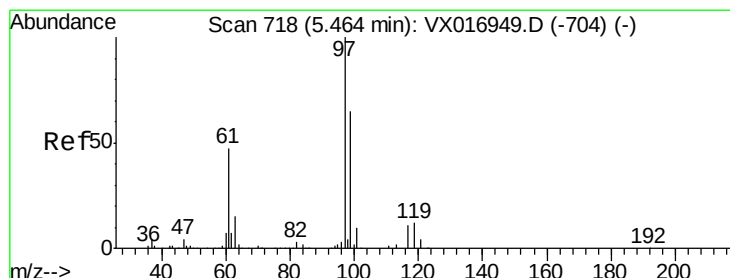
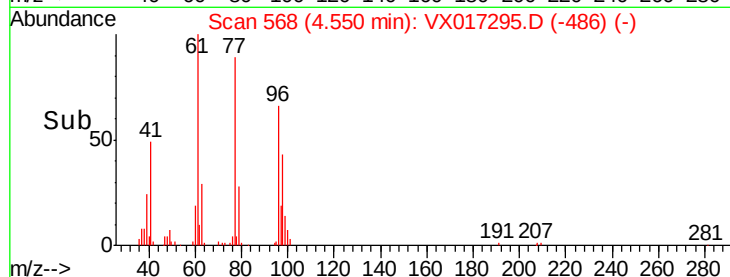
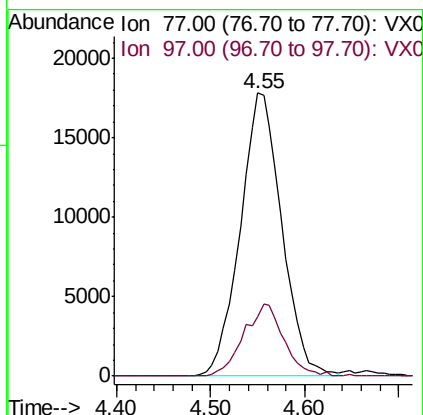
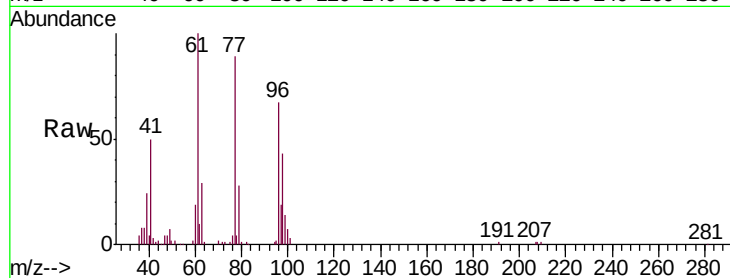




#31
 2,2-Dichloropropane
 Concen: 11.691 ug/l
 RT: 4.55 min Scan# 568
 Delta R.T. -0.00 min
 Lab File: VX017295.D
 Acq: 09 Jul 2020 06:36

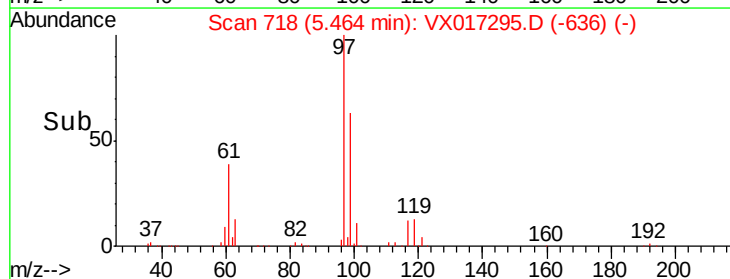
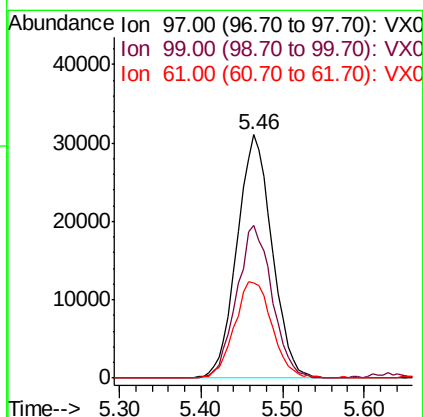
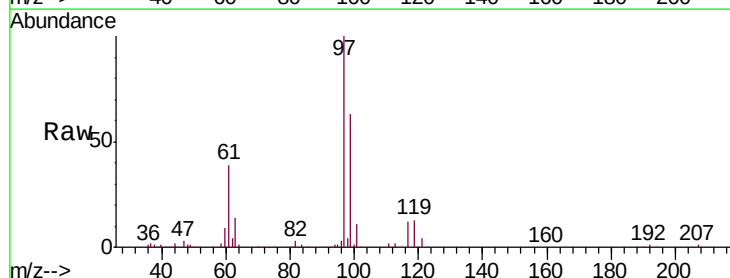
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

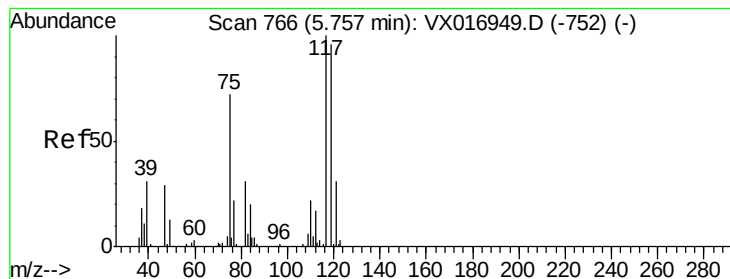
Tgt Ion: 77 Resp: 54859
 Ion Ratio Lower Upper
 77 100
 97 24.3 18.5 27.7



#32
 1,1,1-Trichloroethane
 Concen: 18.699 ug/l
 RT: 5.46 min Scan# 718
 Delta R.T. -0.00 min
 Lab File: VX017295.D
 Acq: 09 Jul 2020 06:36

Tgt Ion: 97 Resp: 92579
 Ion Ratio Lower Upper
 97 100
 99 63.3 52.2 78.2
 61 42.4 36.9 55.3





#33

Carbon Tetrachloride

Concen: 19.005 ug/l

RT: 5.76 min Scan# 766

Delta R.T. -0.00 min

Lab File: VX017295.D

Acq: 09 Jul 2020 06:36

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

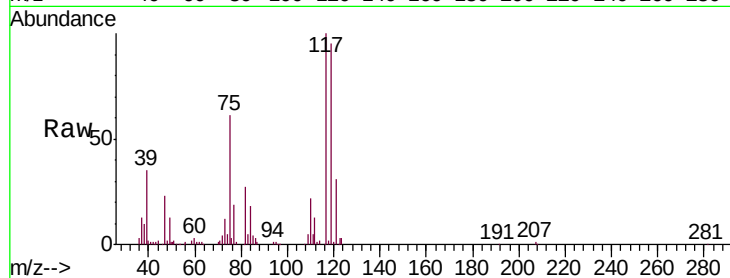
Tgt Ion:117 Resp: 83447

Ion Ratio Lower Upper

117 100

119 94.5 77.0 115.4

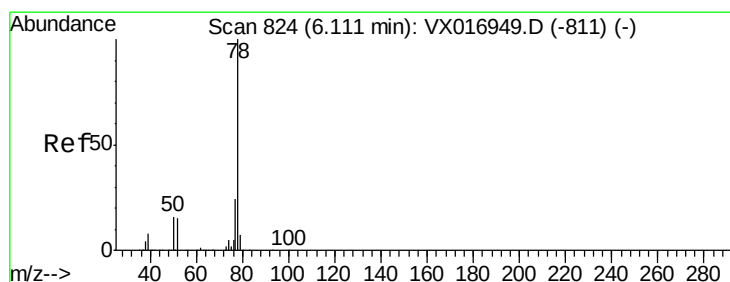
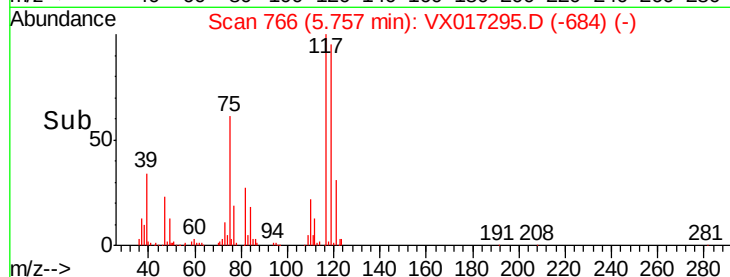
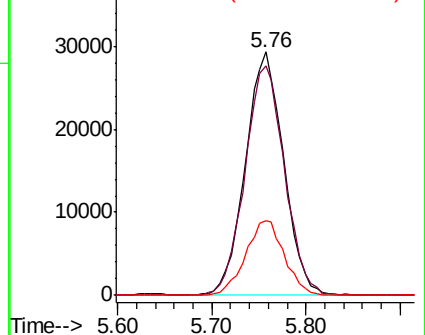
121 30.6 25.0 37.4



Abundance Ion 117.00 (116.70 to 117.70): V

Ion 119.00 (118.70 to 119.70): V

Ion 121.00 (120.70 to 121.70): V



#34

Benzene

Concen: 17.487 ug/l

RT: 6.12 min Scan# 825

Delta R.T. 0.01 min

Lab File: VX017295.D

Acq: 09 Jul 2020 06:36

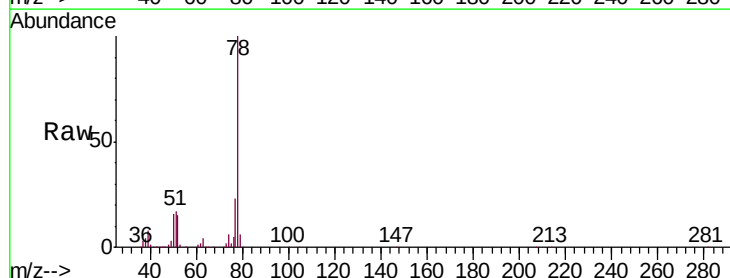
Tgt Ion: 78 Resp: 208338

Ion Ratio Lower Upper

78 100

77 22.5 19.0 28.6

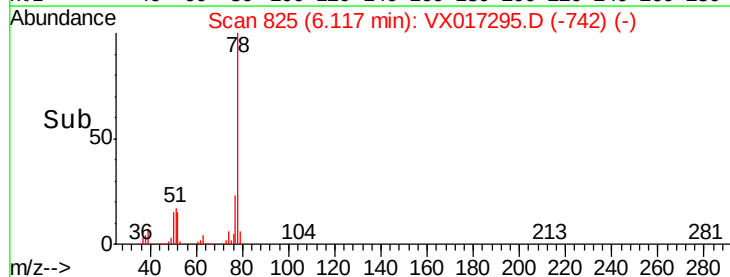
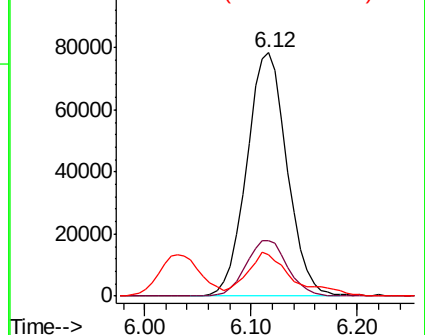
51 14.8 12.8 19.2

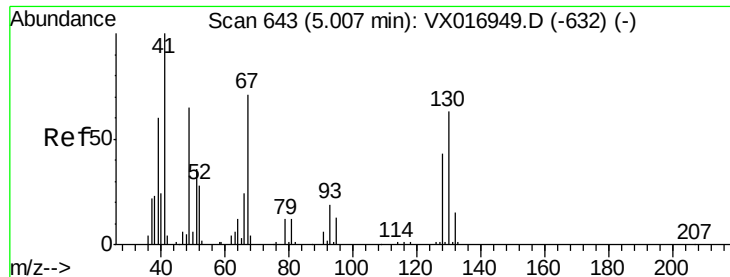


Abundance Ion 78.10 (77.80 to 78.80): VX0

Ion 77.00 (76.70 to 77.70): VX0

Ion 51.00 (50.70 to 51.70): VX0

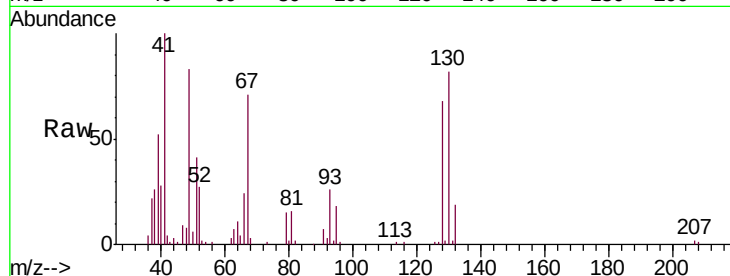




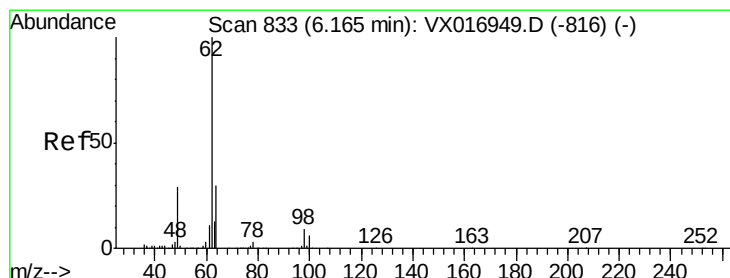
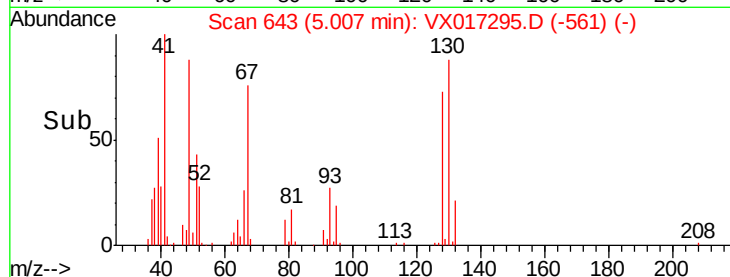
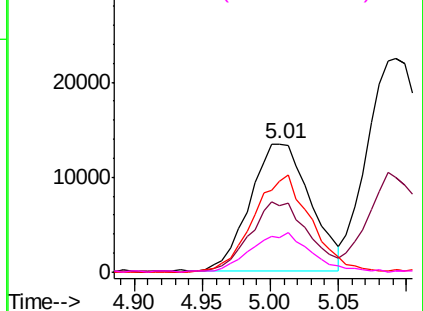
#35
Methacrylonitrile
Concen: 17.544 ug/l
RT: 5.01 min Scan# 643
Delta R.T. -0.00 min
Lab File: VX017295.D
Acq: 09 Jul 2020 06:36

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 41 Resp: 41294
Ion Ratio Lower Upper
41 100
39 51.4 29.8 89.5
67 72.2 35.3 105.9
52 26.4 14.1 42.3

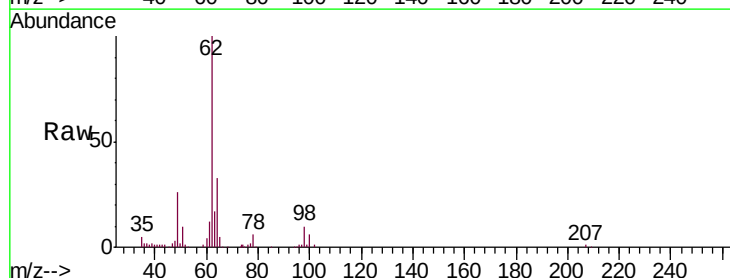


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

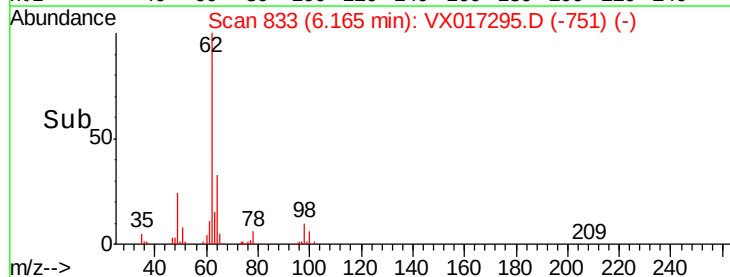
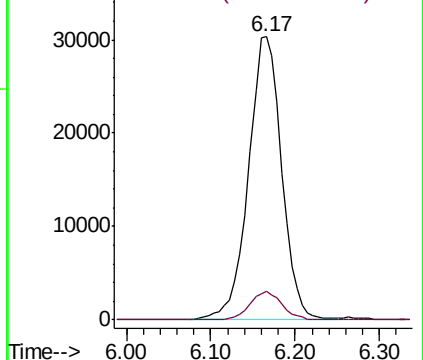


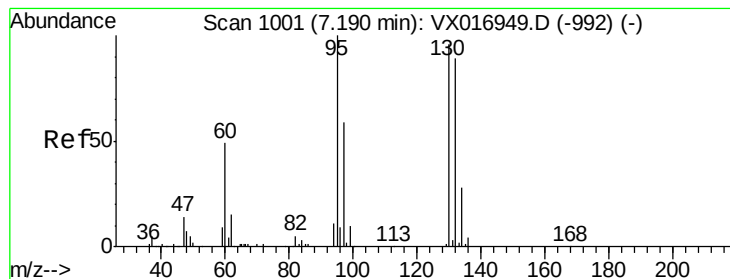
#36
1,2-Dichloroethane
Concen: 17.830 ug/l
RT: 6.17 min Scan# 833
Delta R.T. -0.00 min
Lab File: VX017295.D
Acq: 09 Jul 2020 06:36

Tgt Ion: 62 Resp: 81356
Ion Ratio Lower Upper
62 100
98 9.7 7.6 11.4



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





#37

Trichloroethene

Concen: 18.573 ug/l

RT: 7.19 min Scan# 1001

Delta R.T. -0.00 min

Lab File: VX017295.D

Acq: 09 Jul 2020 06:36

Instrument :

MSVOA_X

ClientSampleId :

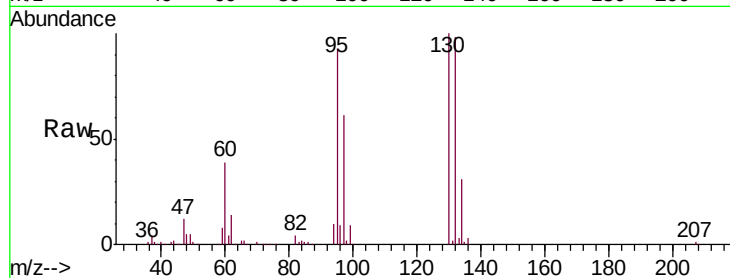
VSTDCCC020EC

Tgt Ion:130 Resp: 60381

Ion Ratio Lower Upper

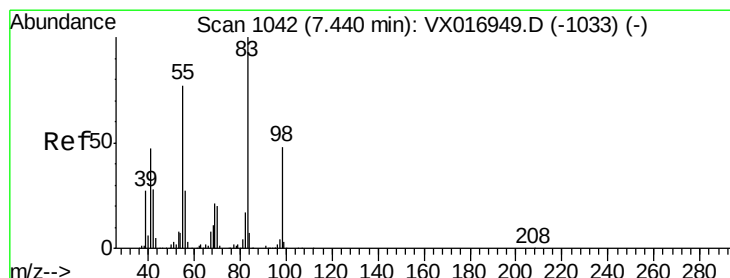
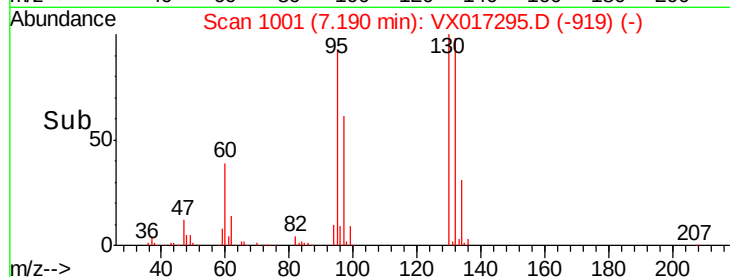
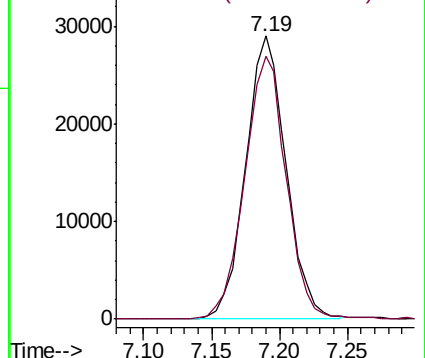
130 100

95 92.5 83.1 124.7



Abundance Ion 129.90 (129.60 to 130.60): V

Ion 94.90 (94.60 to 95.60): VX0



#38

Methylcyclohexane

Concen: 15.013 ug/l

RT: 7.44 min Scan# 1042

Delta R.T. -0.00 min

Lab File: VX017295.D

Acq: 09 Jul 2020 06:36

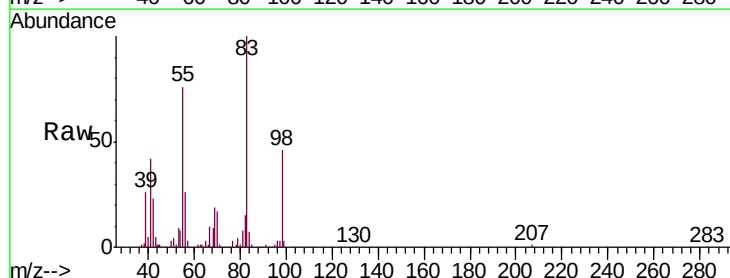
Tgt Ion: 83 Resp: 69956

Ion Ratio Lower Upper

83 100

55 79.7 38.1 114.5

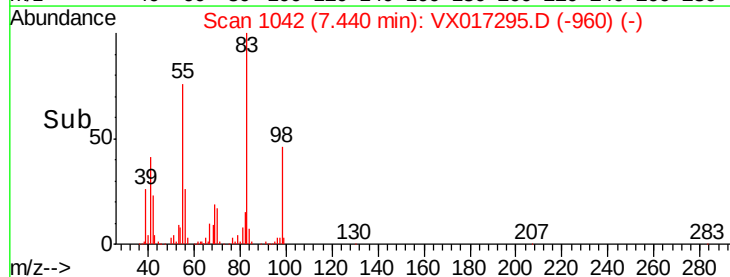
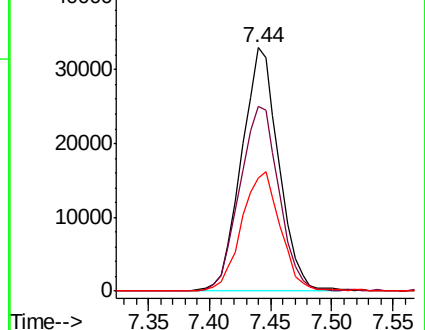
98 51.0 24.6 73.6

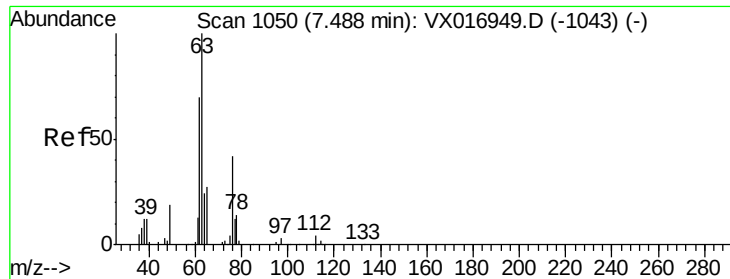


Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 98.00 (97.70 to 98.70): VX0

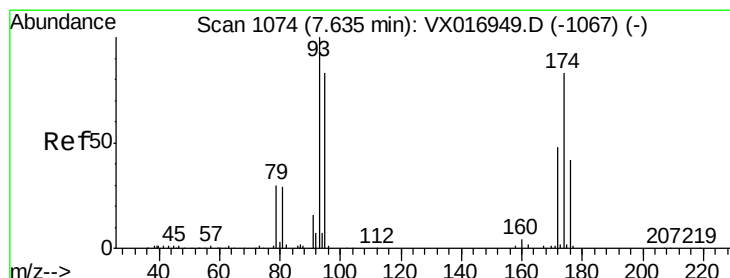
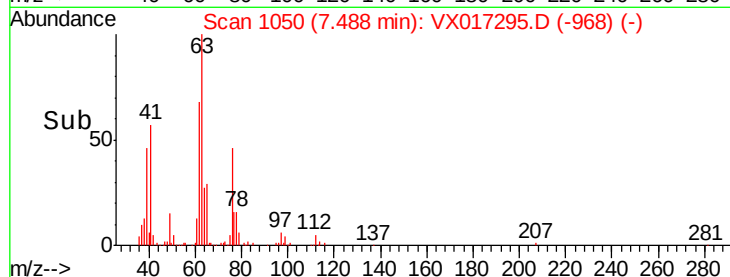
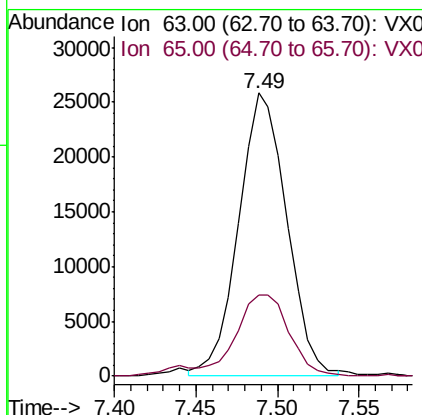
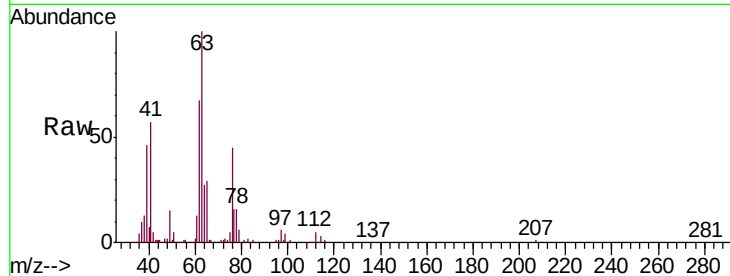




#39
 1,2-Dichloropropane
 Concen: 17.130 ug/l
 RT: 7.49 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VX017295.D
 Acq: 09 Jul 2020 06:36

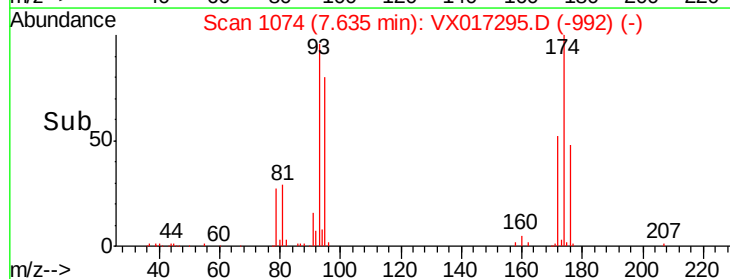
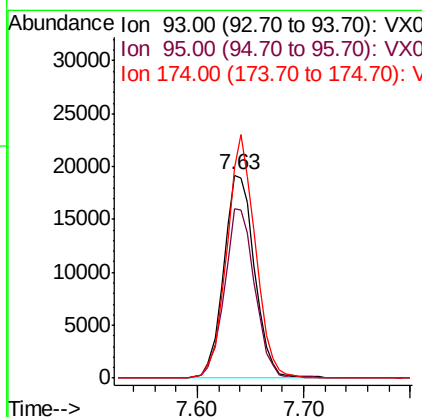
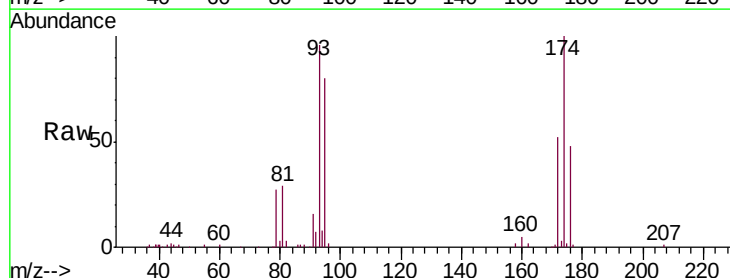
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

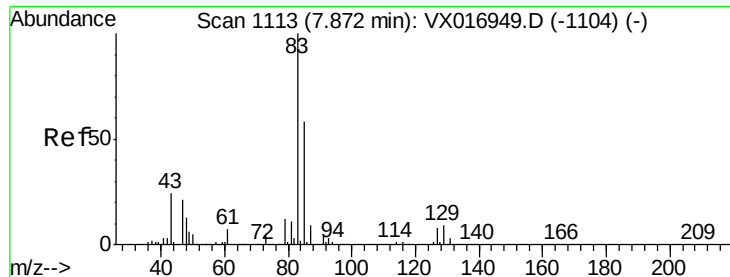
Tgt Ion: 63 Resp: 53169
 Ion Ratio Lower Upper
 63 100
 65 28.8 22.8 34.2



#40
 Dibromomethane
 Concen: 18.185 ug/l
 RT: 7.63 min Scan# 1074
 Delta R.T. -0.00 min
 Lab File: VX017295.D
 Acq: 09 Jul 2020 06:36

Tgt Ion: 93 Resp: 38902
 Ion Ratio Lower Upper
 93 100
 95 81.5 0.0 165.4
 174 110.5 0.0 192.0





#41

Bromodichloromethane

Concen: 17.997 ug/l

RT: 7.88 min Scan# 1114

Delta R.T. 0.01 min

Lab File: VX017295.D

Acq: 09 Jul 2020 06:36

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

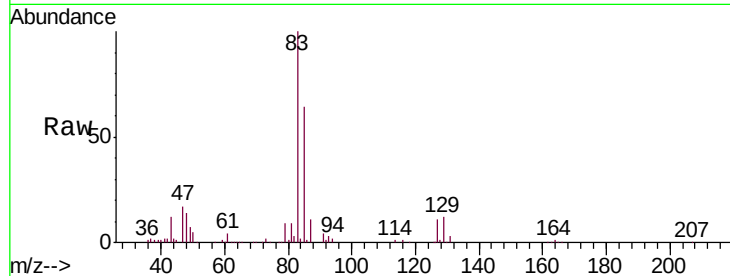
Tgt Ion: 83 Resp: 79721

Ion Ratio Lower Upper

83 100

85 64.1 46.7 70.1

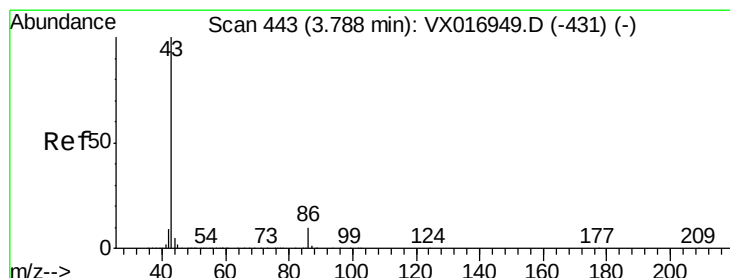
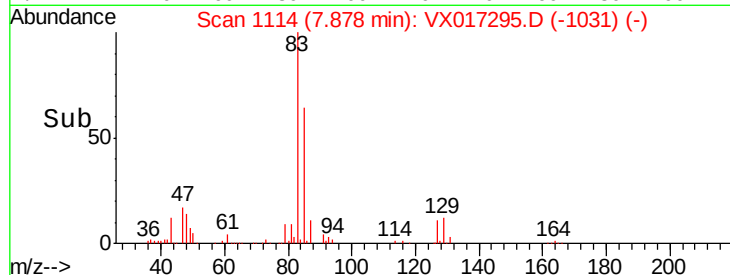
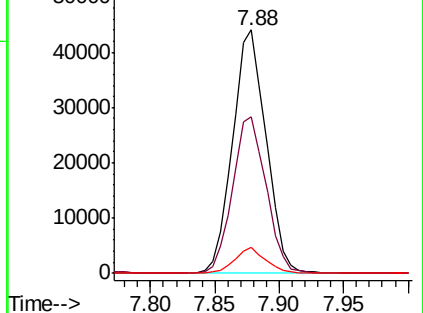
127 10.6 6.5 9.7#



Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 85.00 (84.70 to 85.70): VX0

Ion 127.00 (126.70 to 127.70): V



#42

Vinyl Acetate

Concen: 82.472 ug/l

RT: 3.79 min Scan# 443

Delta R.T. -0.00 min

Lab File: VX017295.D

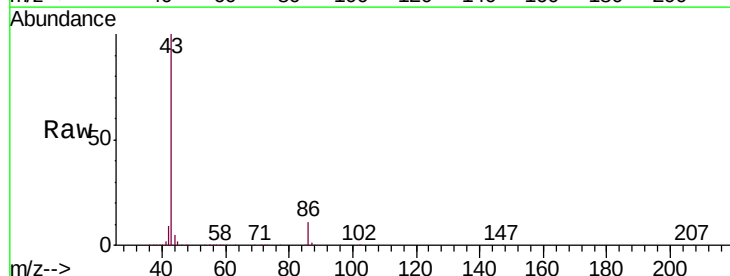
Acq: 09 Jul 2020 06:36

Tgt Ion: 43 Resp: 708807

Ion Ratio Lower Upper

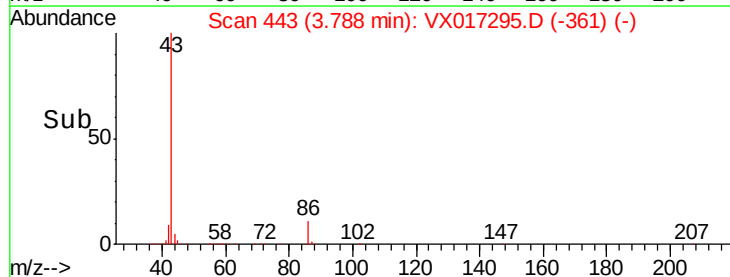
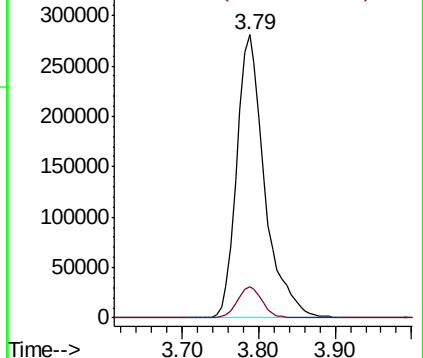
43 100

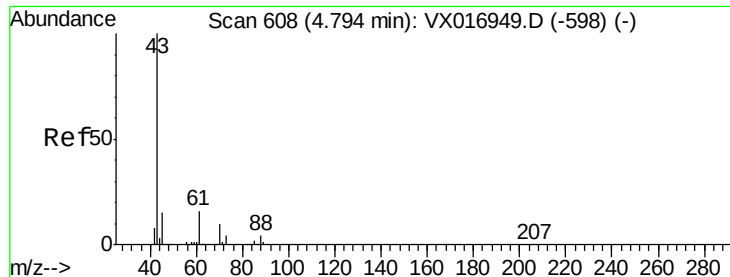
86 9.8 7.4 11.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

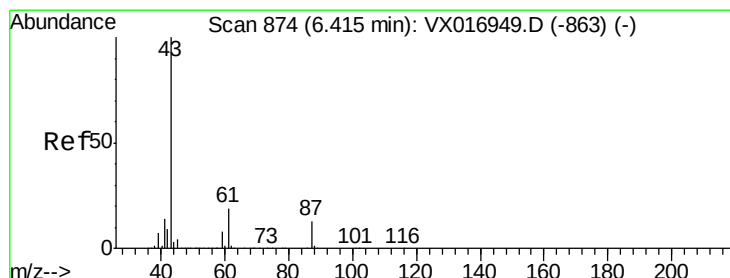
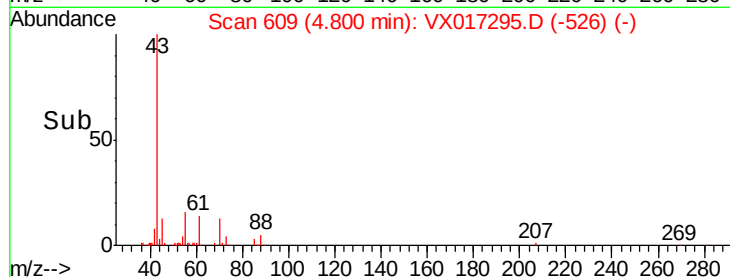
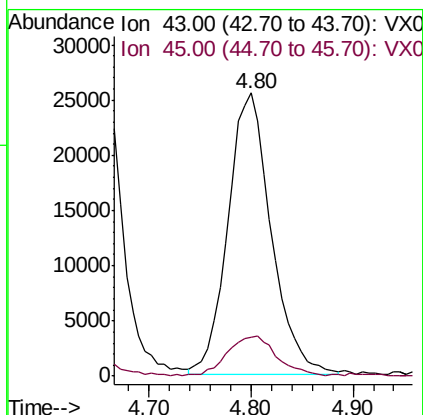
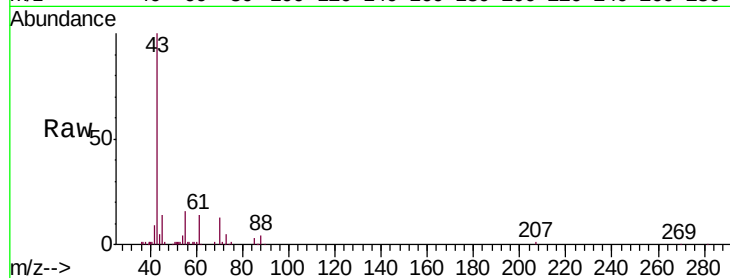




#43
Ethyl Acetate
Concen: 17.044 ug/l
RT: 4.80 min Scan# 609
Delta R.T. 0.01 min
Lab File: VX017295.D
Acq: 09 Jul 2020 06:36

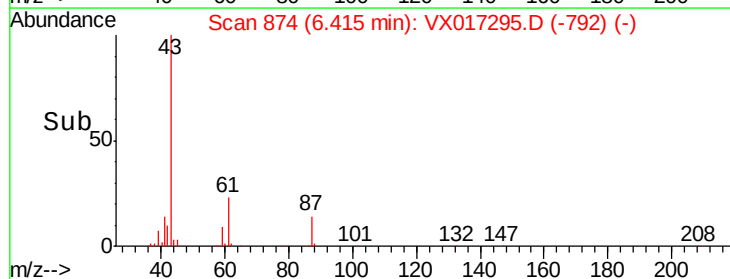
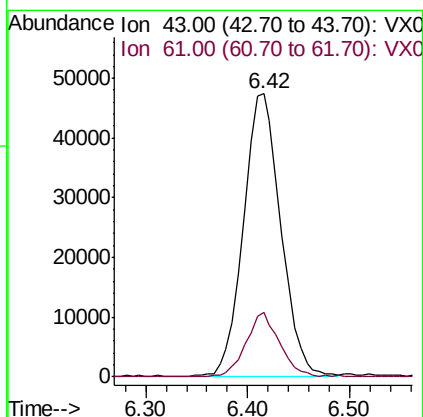
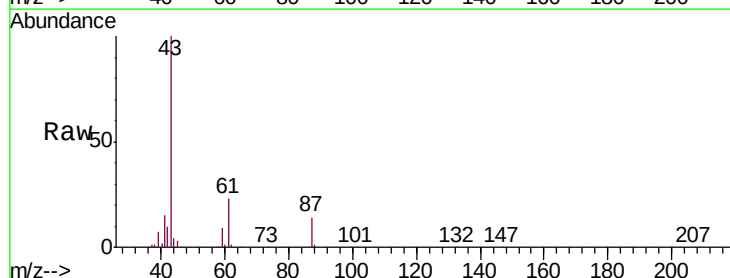
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

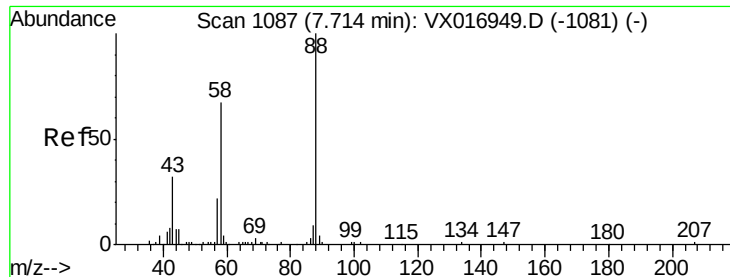
Tgt Ion: 43 Resp: 75295
Ion Ratio Lower Upper
43 100
45 16.0 11.8 17.6



#44
Isopropyl Acetate
Concen: 16.552 ug/l
RT: 6.42 min Scan# 874
Delta R.T. -0.00 min
Lab File: VX017295.D
Acq: 09 Jul 2020 06:36

Tgt Ion: 43 Resp: 120531
Ion Ratio Lower Upper
43 100
61 20.6 15.4 23.2

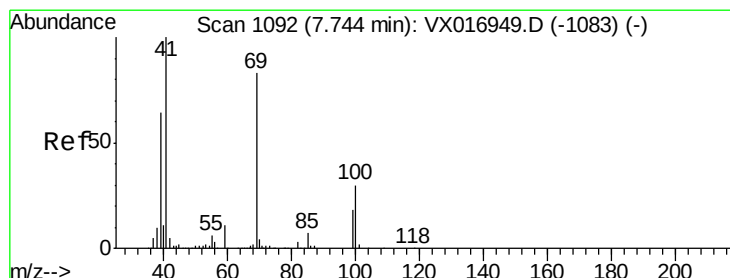
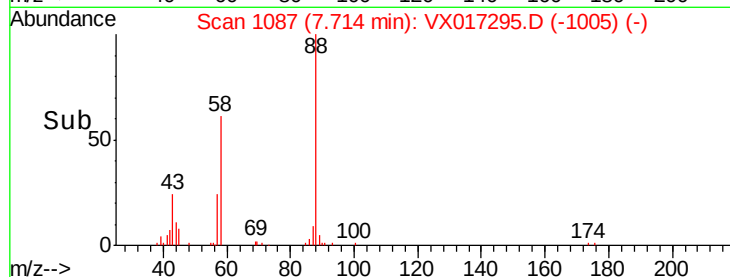
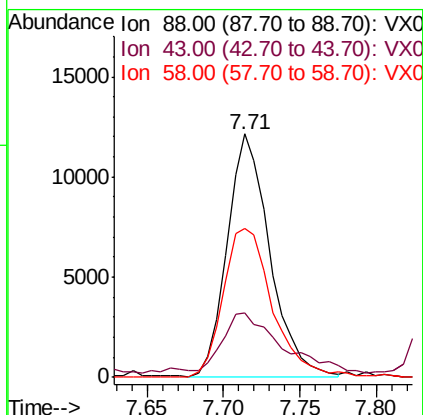
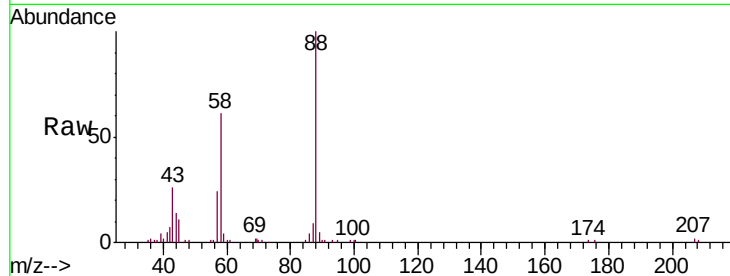




#45
 1,4-Dioxane
 Concen: 320.492 ug/l
 RT: 7.71 min Scan# 1087
 Delta R.T. -0.00 min
 Lab File: VX017295.D
 Acq: 09 Jul 2020 06:36

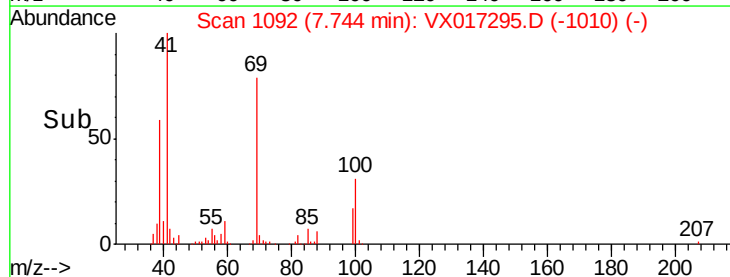
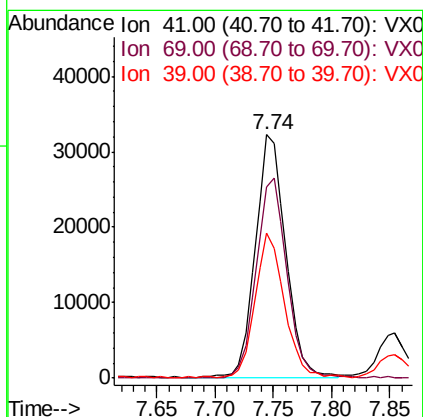
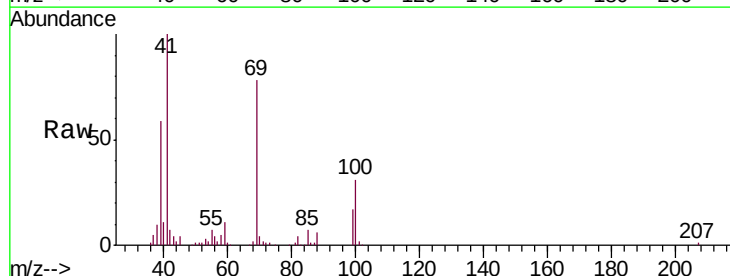
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

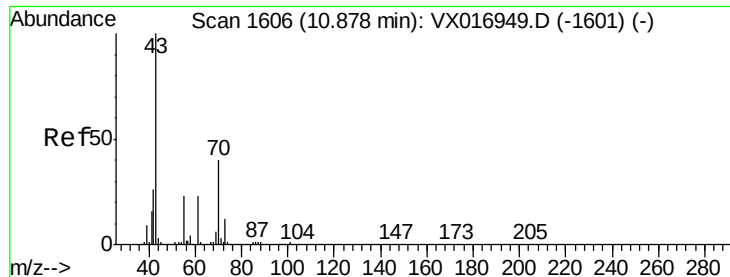
Tgt Ion: 88 Resp: 23544
 Ion Ratio Lower Upper
 88 100
 43 33.6 28.9 43.3
 58 69.7 56.7 85.1



#46
 Methyl methacrylate
 Concen: 17.438 ug/l
 RT: 7.74 min Scan# 1092
 Delta R.T. -0.00 min
 Lab File: VX017295.D
 Acq: 09 Jul 2020 06:36

Tgt Ion: 41 Resp: 58763
 Ion Ratio Lower Upper
 41 100
 69 78.3 41.3 123.9
 39 58.8 32.0 96.2

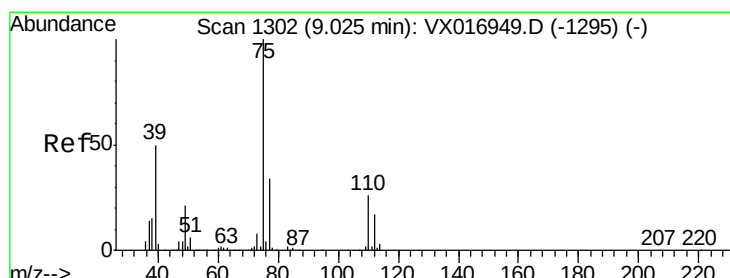
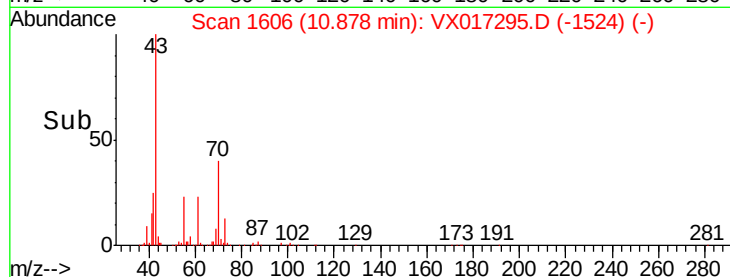
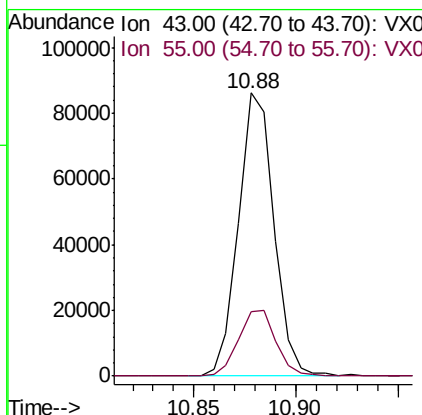
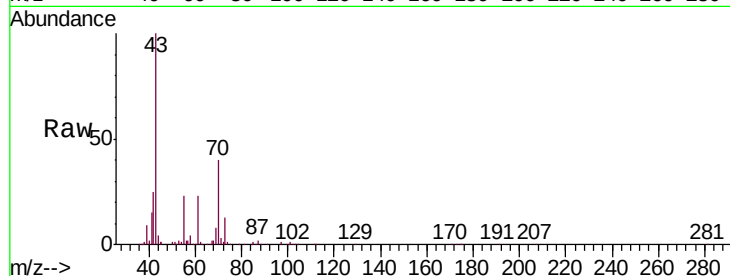




#47
n-amyI Acetate
Concen: 16.181 ug/l
RT: 10.88 min Scan# 1606
Delta R.T. -0.00 min
Lab File: VX017295.D
Acq: 09 Jul 2020 06:36

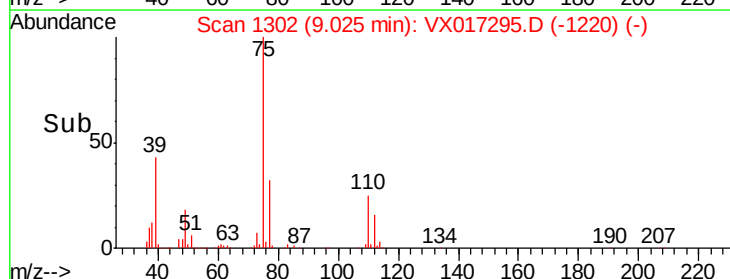
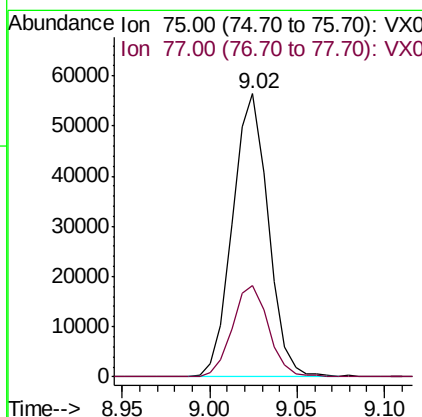
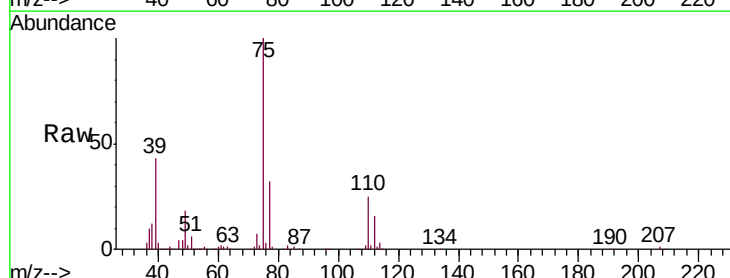
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

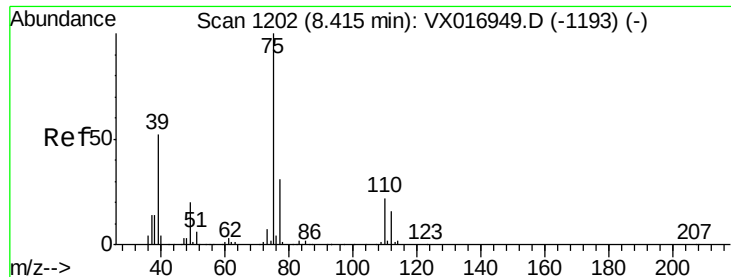
Tgt Ion: 43 Resp: 104146
Ion Ratio Lower Upper
43 100
55 24.4 18.6 27.8



#48
t-1,3-Dichloropropene
Concen: 16.274 ug/l
RT: 9.02 min Scan# 1302
Delta R.T. -0.00 min
Lab File: VX017295.D
Acq: 09 Jul 2020 06:36

Tgt Ion: 75 Resp: 79711
Ion Ratio Lower Upper
75 100
77 32.0 27.0 40.4

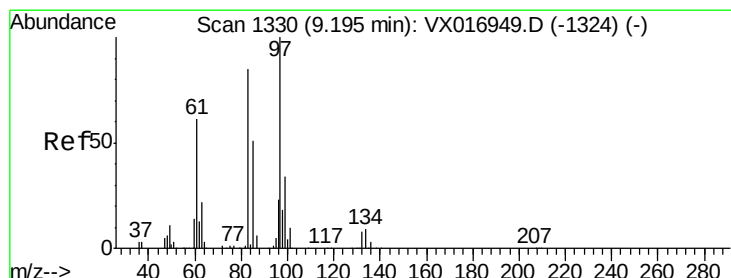
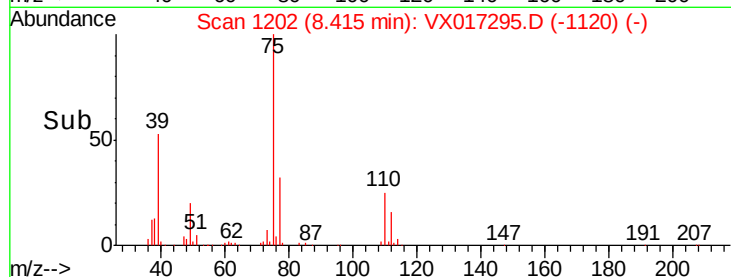
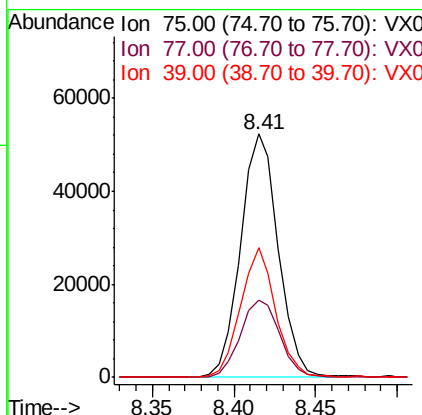
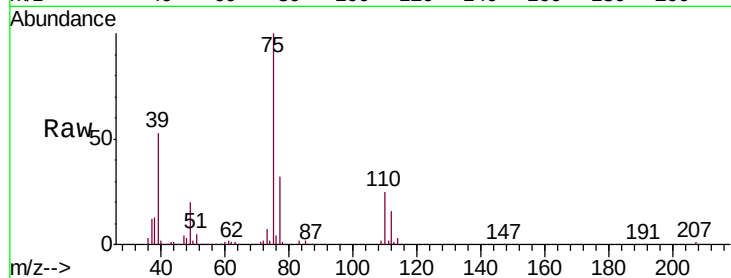




#49
 cis-1,3-Dichloropropene
 Concen: 16.316 ug/l
 RT: 8.41 min Scan# 1202
 Delta R.T. -0.00 min
 Lab File: VX017295.D
 Acq: 09 Jul 2020 06:36

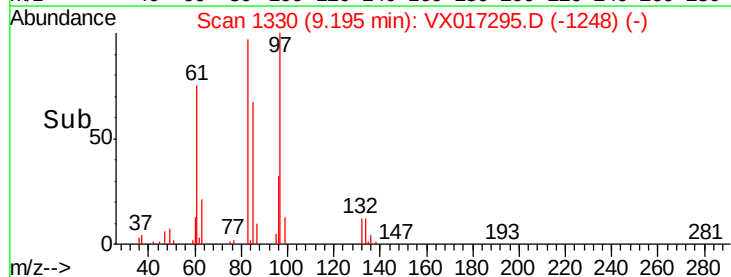
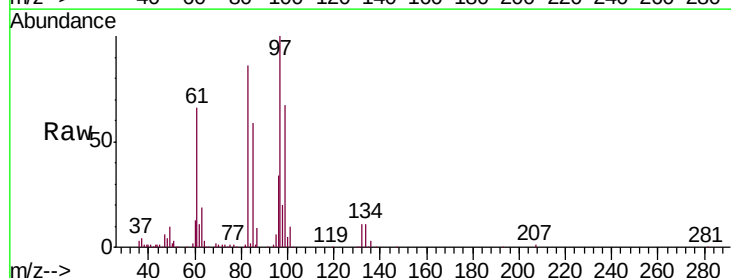
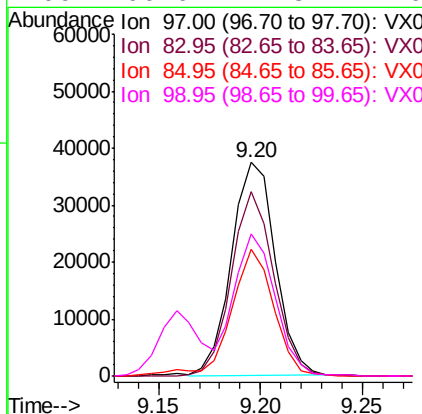
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

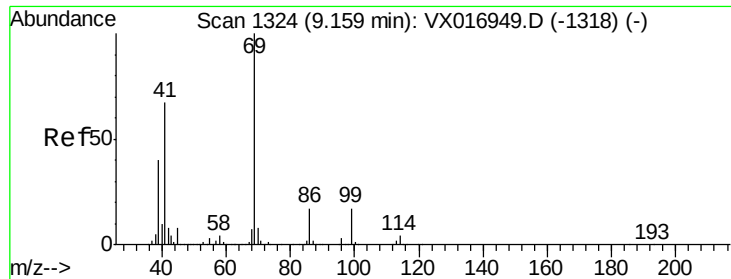
Tgt Ion: 75 Resp: 83987
 Ion Ratio Lower Upper
 75 100
 77 31.8 24.8 37.2
 39 53.3 41.8 62.6



#50
 1,1,2-Trichloroethane
 Concen: 18.724 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. -0.00 min
 Lab File: VX017295.D
 Acq: 09 Jul 2020 06:36

Tgt Ion: 97 Resp: 55900
 Ion Ratio Lower Upper
 97 100
 83 86.2 67.4 101.0
 85 59.3 42.9 64.3
 99 66.6 47.8 71.6





#51

Ethyl methacrylate

Concen: 17.115 ug/l

RT: 9.16 min Scan# 1324

Delta R.T. -0.00 min

Lab File: VX017295.D

Acq: 09 Jul 2020 06:36

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

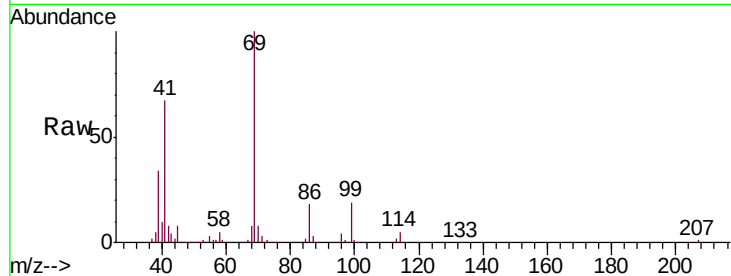
Tgt Ion: 69 Resp: 78416

Ion Ratio Lower Upper

69 100

41 67.2 33.7 101.1

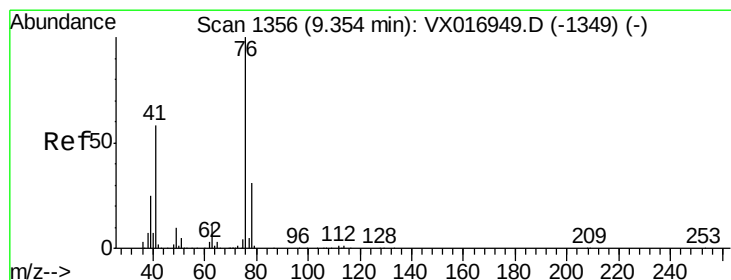
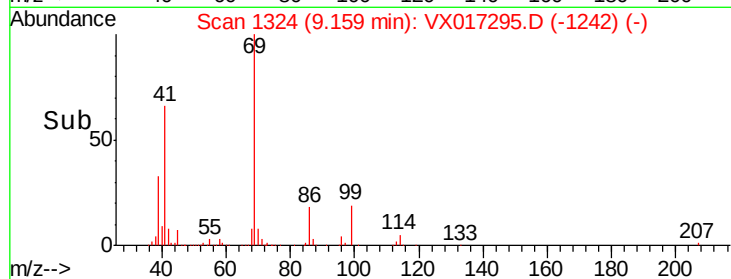
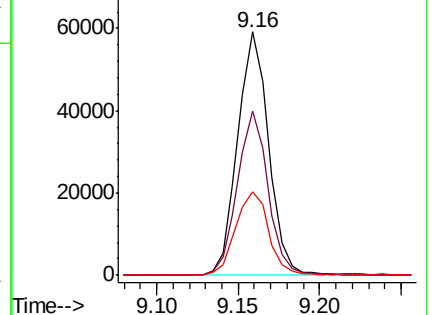
39 34.4 19.9 59.7



Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0



#52

1,3-Dichloropropane

Concen: 18.429 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. -0.00 min

Lab File: VX017295.D

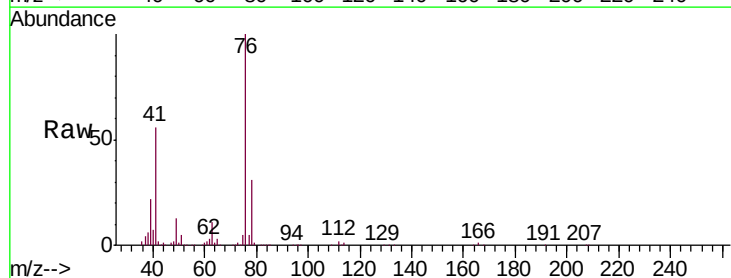
Acq: 09 Jul 2020 06:36

Tgt Ion: 76 Resp: 94461

Ion Ratio Lower Upper

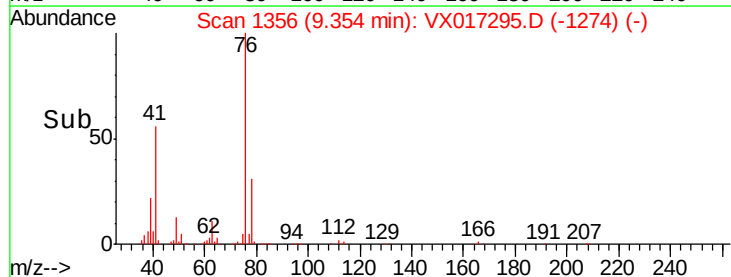
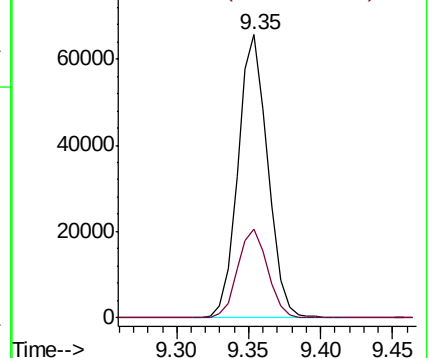
76 100

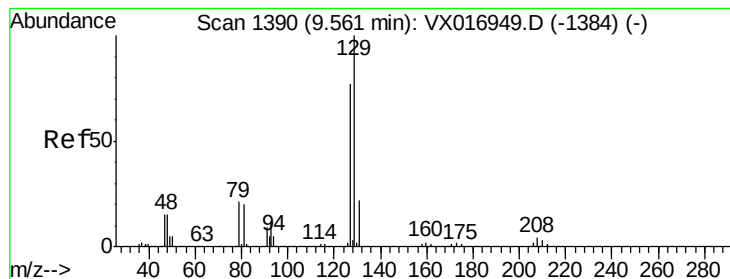
78 31.5 0.0 62.4



Abundance Ion 76.00 (75.70 to 76.70): VX0

Ion 78.00 (77.70 to 78.70): VX0





#53

Dibromochloromethane

Concen: 19.606 ug/l

RT: 9.57 min Scan# 1391

Delta R.T. 0.01 min

Lab File: VX017295.D

Acq: 09 Jul 2020 06:36

Instrument :

MSVOA_X

ClientSampleId :

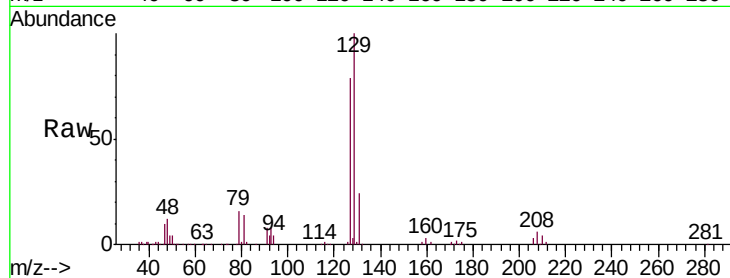
VSTDCCC020EC

Tgt Ion:129 Resp: 67279

Ion Ratio Lower Upper

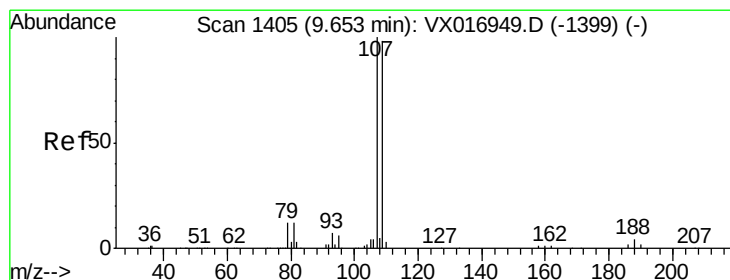
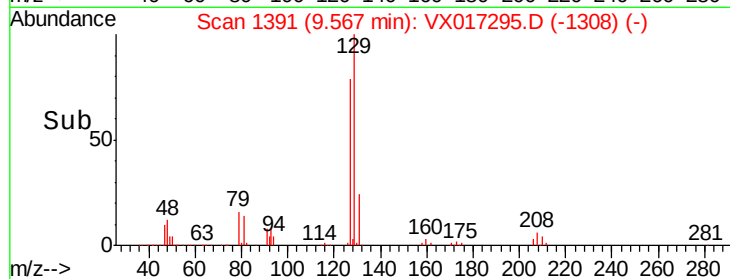
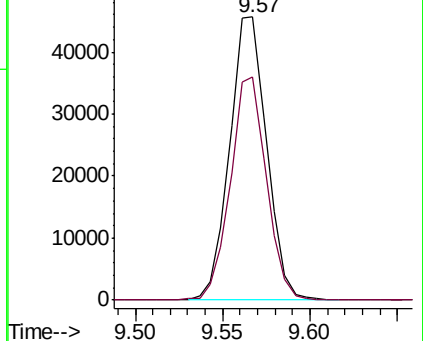
129 100

127 76.8 38.7 116.1



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V



#54

1,2-Dibromoethane

Concen: 19.197 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. -0.00 min

Lab File: VX017295.D

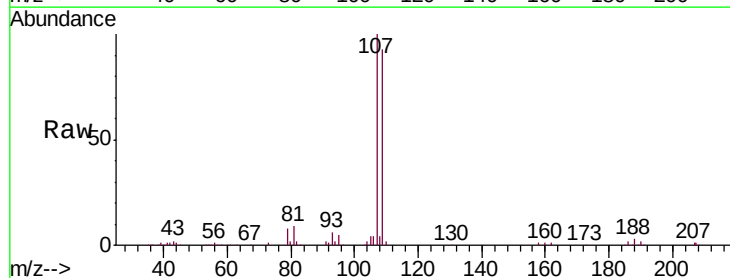
Acq: 09 Jul 2020 06:36

Tgt Ion:107 Resp: 60816

Ion Ratio Lower Upper

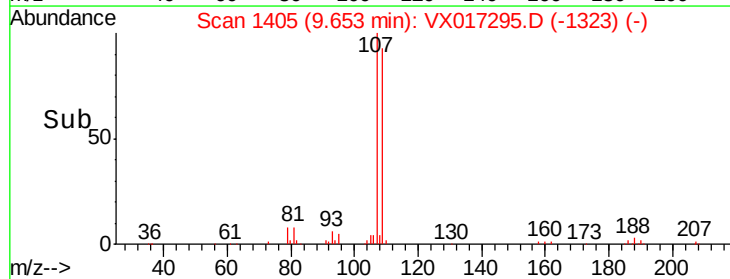
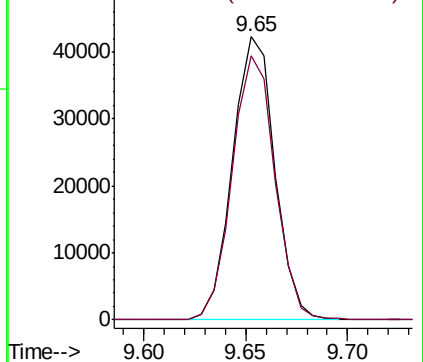
107 100

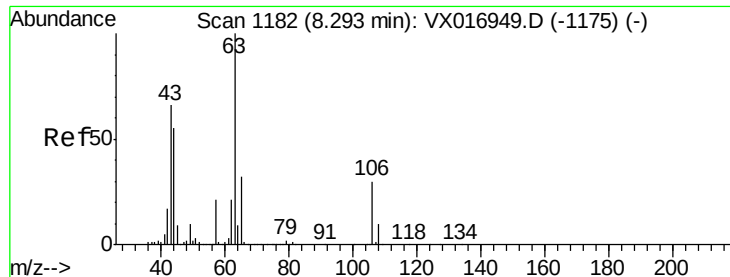
109 94.1 75.0 112.6



Abundance Ion 107.00 (106.70 to 107.70): V

Ion 109.00 (108.70 to 109.70): V

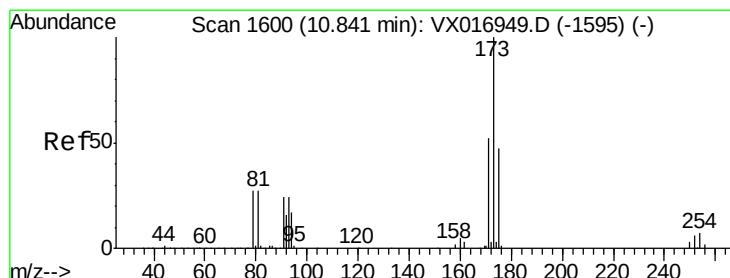
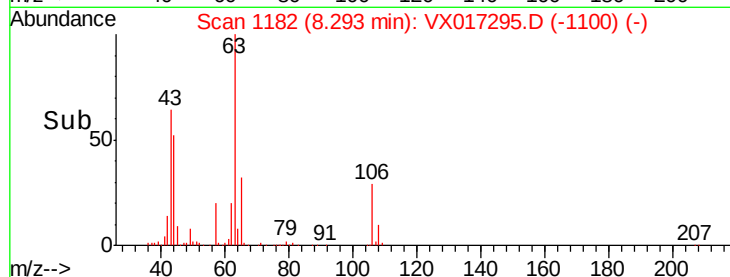
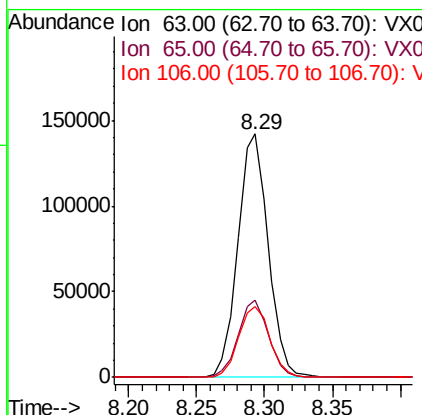
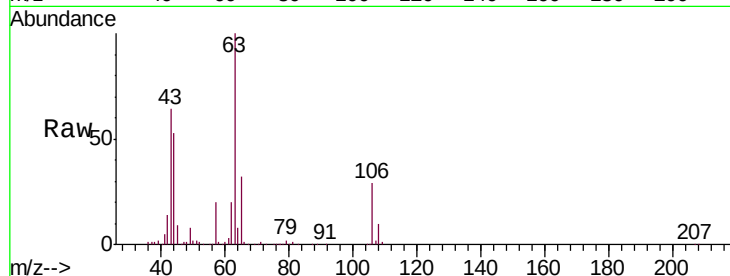




#55
 2-Chloroethyl vinyl ether
 Concen: 91.073 ug/l
 RT: 8.29 min Scan# 1182
 Delta R.T. -0.00 min
 Lab File: VX017295.D
 Acq: 09 Jul 2020 06:36

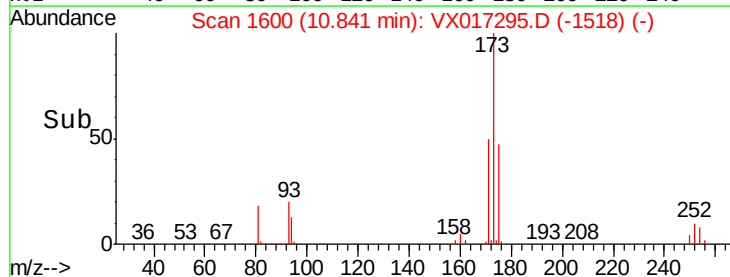
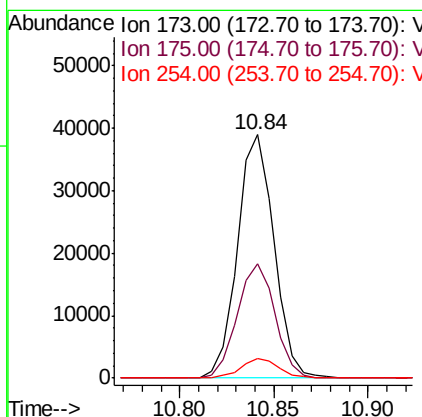
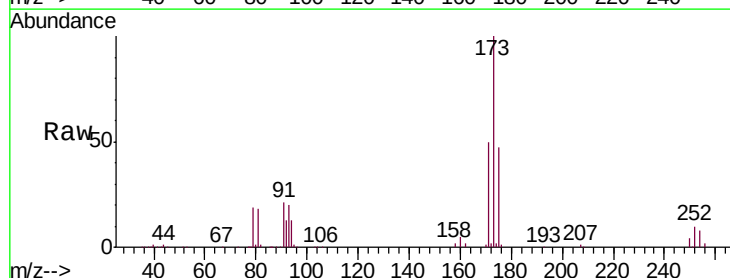
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

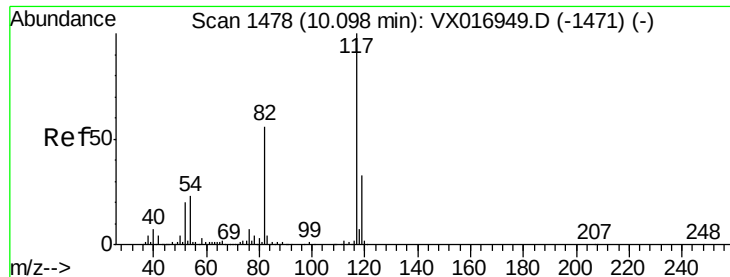
Tgt Ion: 63 Resp: 219587
 Ion Ratio Lower Upper
 63 100
 65 31.9 25.9 38.9
 106 30.2 22.6 33.8



#56
 Bromoform
 Concen: 21.541 ug/l
 RT: 10.84 min Scan# 1600
 Delta R.T. -0.00 min
 Lab File: VX017295.D
 Acq: 09 Jul 2020 06:36

Tgt Ion: 173 Resp: 52472
 Ion Ratio Lower Upper
 173 100
 175 48.8 38.7 58.1
 254 8.2 5.8 8.6

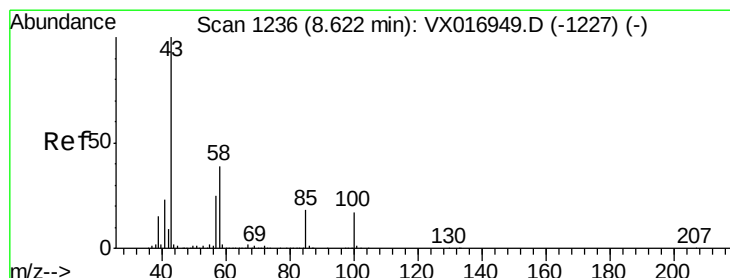
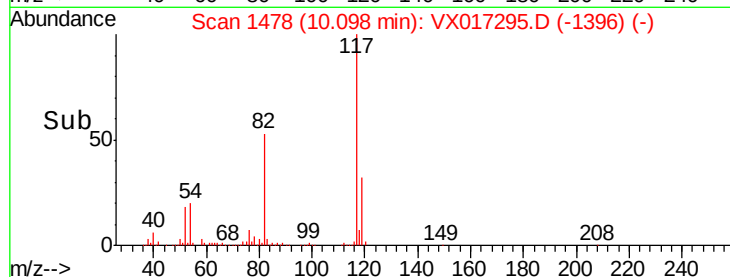
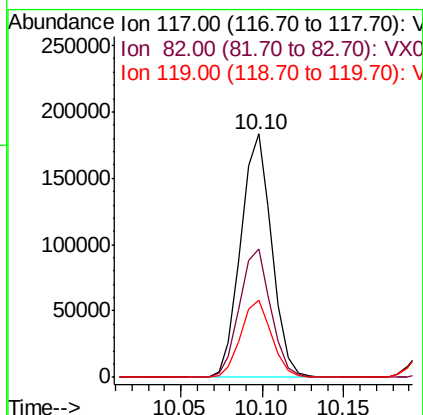
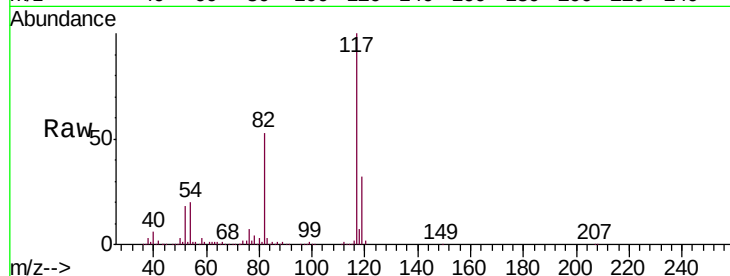




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX017295.D
Acq: 09 Jul 2020 06:36

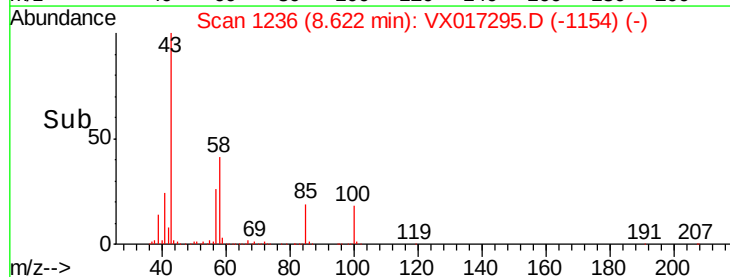
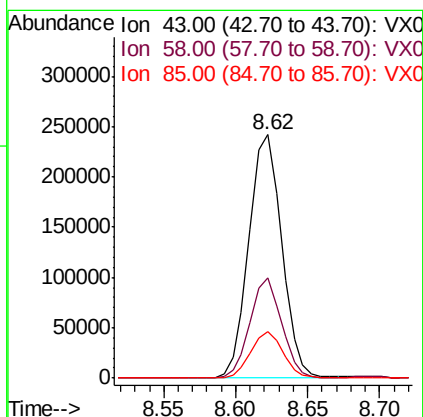
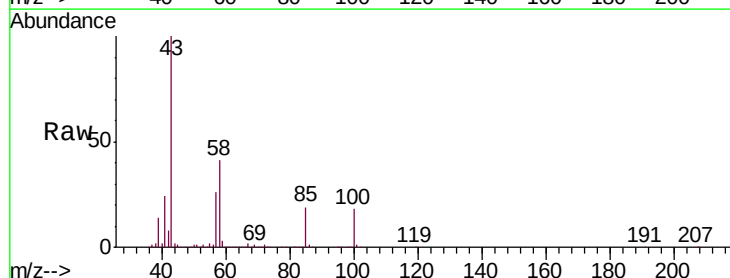
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

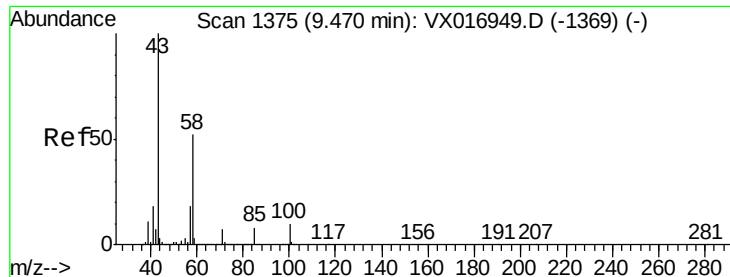
Tgt Ion: 117 Resp: 243527
Ion Ratio Lower Upper
117 100
82 53.5 44.9 67.3
119 31.6 25.8 38.8



#58
4-Methyl-2-Pentanone
Concen: 85.293 ug/l
RT: 8.62 min Scan# 1236
Delta R.T. -0.00 min
Lab File: VX017295.D
Acq: 09 Jul 2020 06:36

Tgt Ion: 43 Resp: 382609
Ion Ratio Lower Upper
43 100
58 39.6 30.4 45.6
85 18.8 13.5 20.3

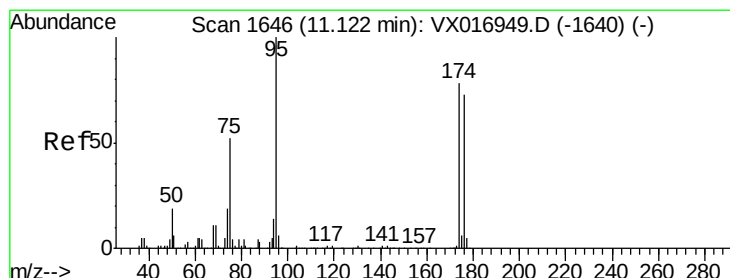
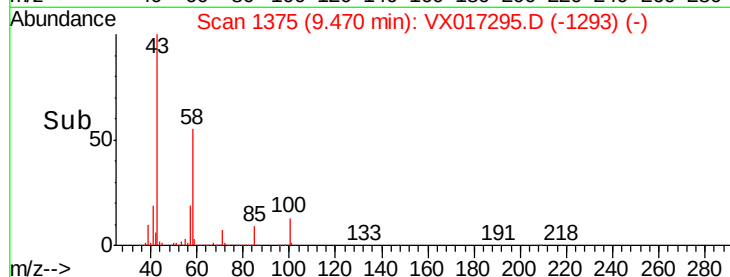
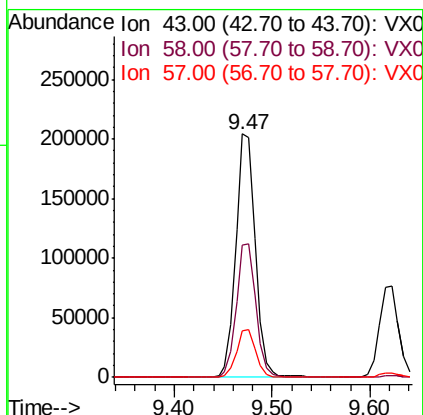
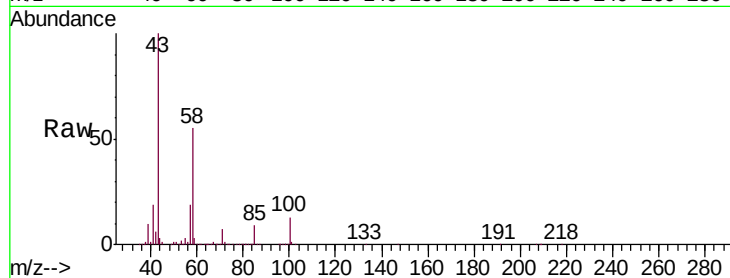




#59
2-Hexanone
Concen: 84.454 ug/l
RT: 9.47 min Scan# 1375
Delta R.T. -0.00 min
Lab File: VX017295.D
Acq: 09 Jul 2020 06:36

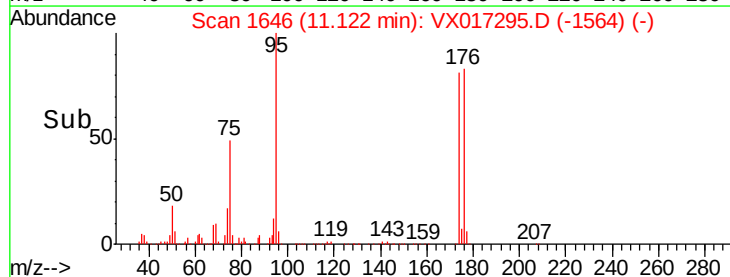
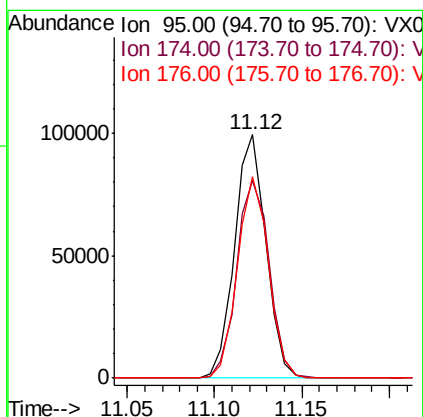
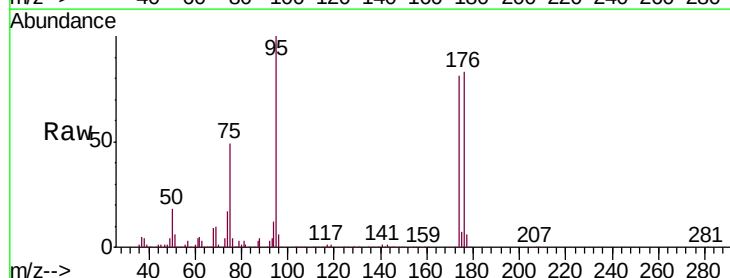
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

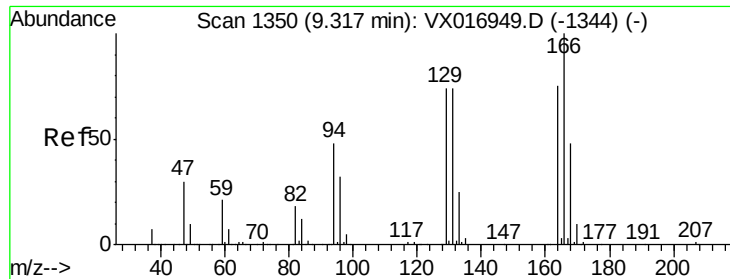
Tgt Ion	Ratio	Lower	Upper
43	100		
58	54.8	42.3	63.5
57	19.5	14.1	21.1



#60
4-Bromofluorobenzene
Concen: 30.448 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. -0.00 min
Lab File: VX017295.D
Acq: 09 Jul 2020 06:36

Tgt Ion	Ratio	Lower	Upper
95	100		
174	84.5	62.2	93.4
176	82.4	58.9	88.3





#61

Tetrachloroethene

Concen: 19.592 ug/l

RT: 9.32 min Scan# 1350

Delta R.T. -0.00 min

Lab File: VX017295.D

Acq: 09 Jul 2020 06:36

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tgt Ion:164 Resp: 60848

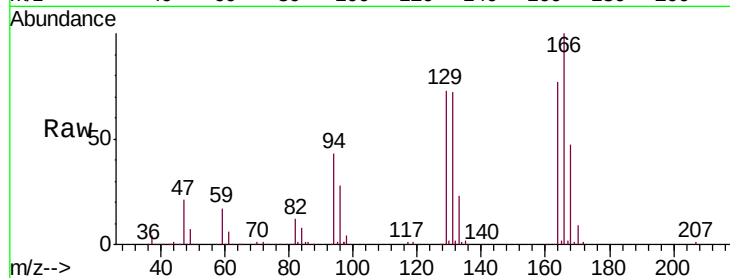
Ion Ratio Lower Upper

164 100

166 129.1 106.3 159.5

129 93.7 78.9 118.3

131 92.4 78.2 117.4

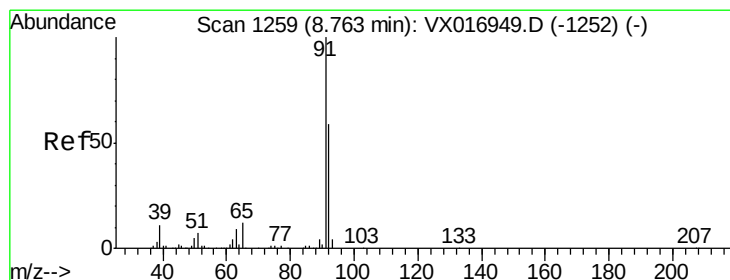
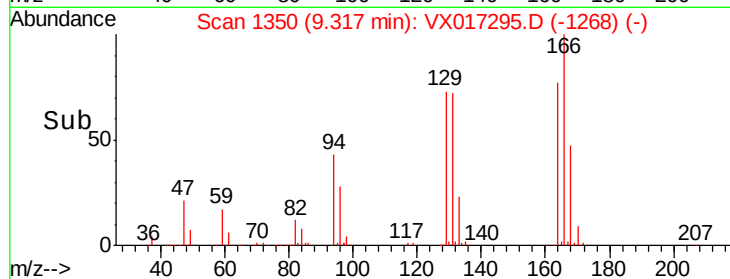
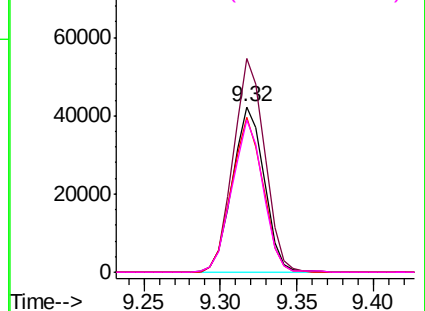


Abundance Ion 163.85 (163.55 to 164.55): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.90 (128.60 to 129.60): V

Ion 130.90 (130.60 to 131.60): V



#62

Toluene

Concen: 16.873 ug/l

RT: 8.77 min Scan# 1260

Delta R.T. 0.01 min

Lab File: VX017295.D

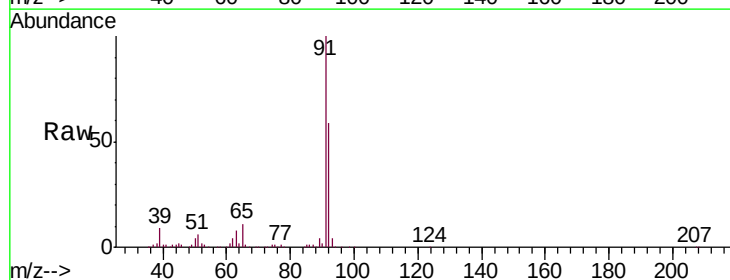
Acq: 09 Jul 2020 06:36

Tgt Ion: 91 Resp: 224745

Ion Ratio Lower Upper

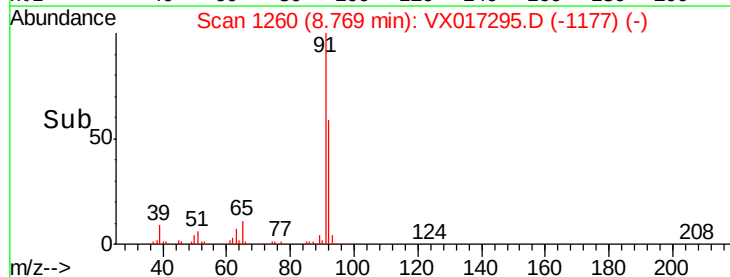
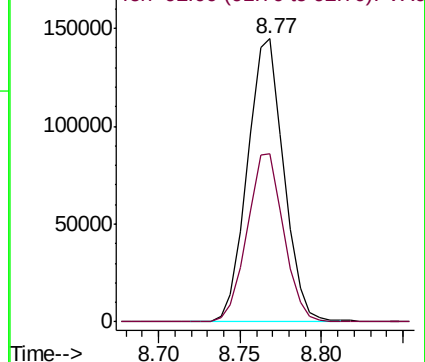
91 100

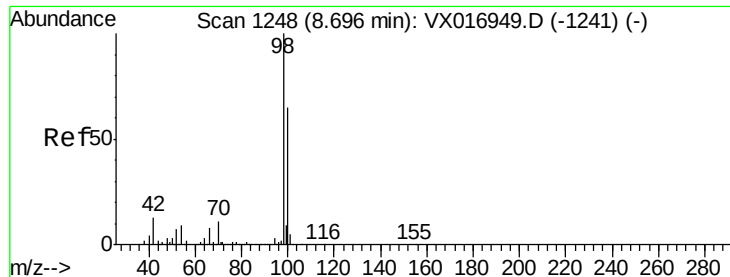
92 59.8 46.8 70.2



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 92.00 (91.70 to 92.70): VX0





#63

Toluene-d8

Concen: 28.869 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX017295.D

Acq: 09 Jul 2020 06:36

Instrument :

MSVOA_X

ClientSampleId :

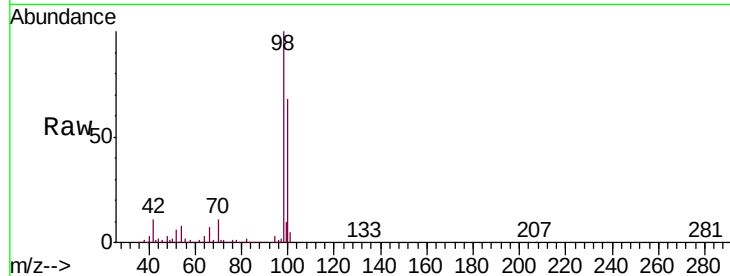
VSTDCCC020EC

Tgt Ion: 98 Resp: 309902

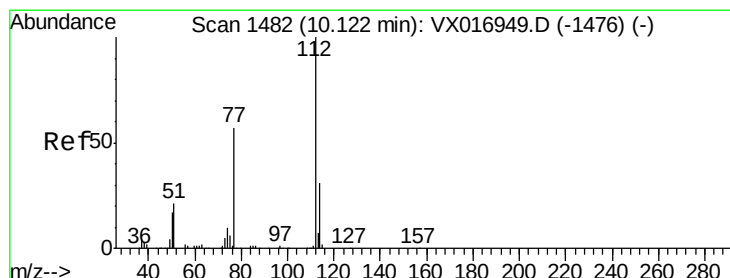
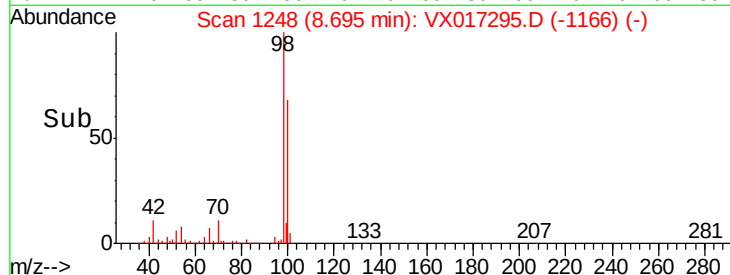
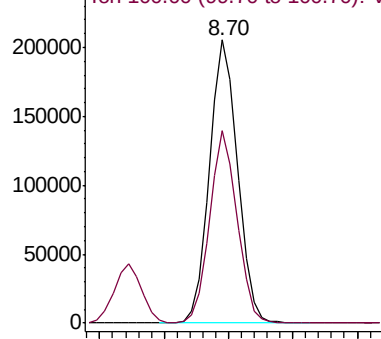
Ion Ratio Lower Upper

98 100

100 65.8 52.3 78.5



Abundance Ion 98.00 (97.70 to 98.70): VX016949.D (-1241) (-)



#64

Chlorobenzene

Concen: 17.926 ug/l

RT: 10.12 min Scan# 1482

Delta R.T. -0.00 min

Lab File: VX017295.D

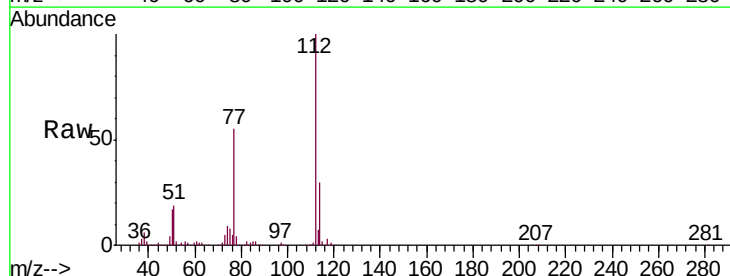
Acq: 09 Jul 2020 06:36

Tgt Ion: 112 Resp: 149588

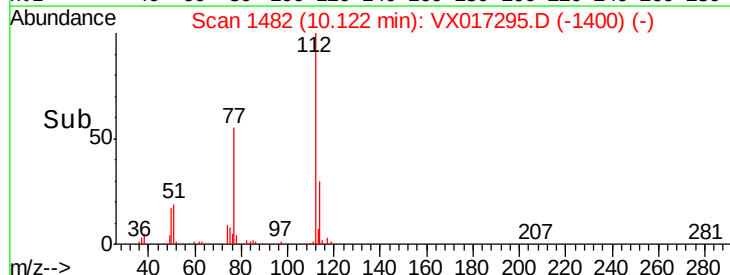
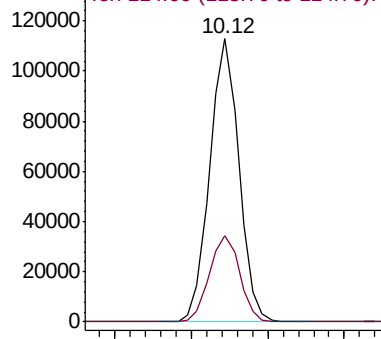
Ion Ratio Lower Upper

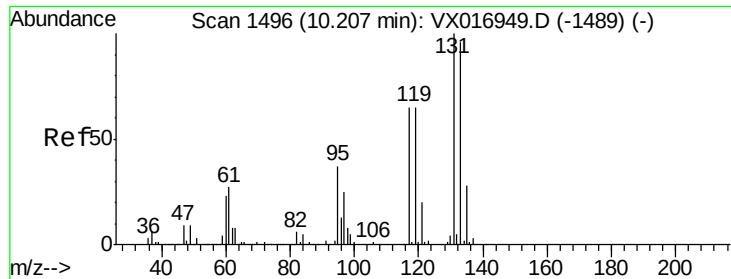
112 100

114 30.5 24.9 37.3



Abundance Ion 112.00 (111.70 to 112.70): VX016949.D (-1476) (-)

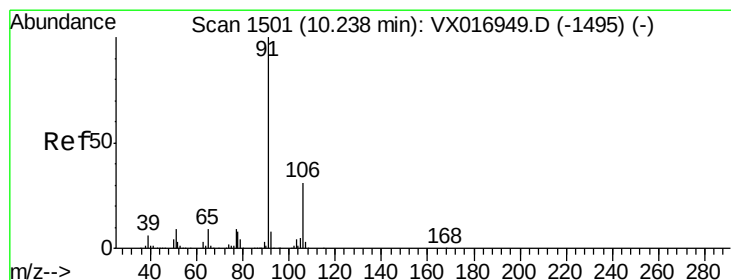
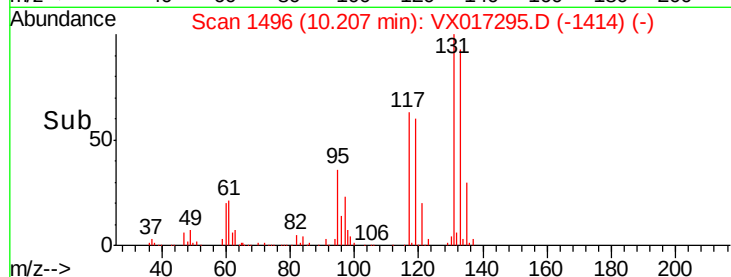
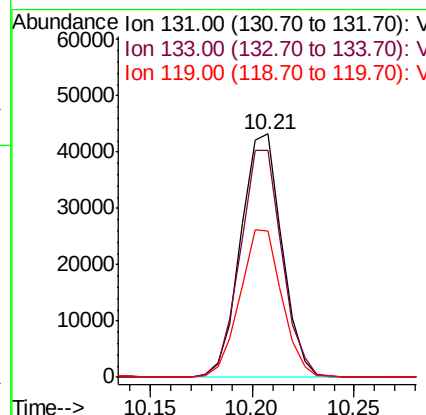
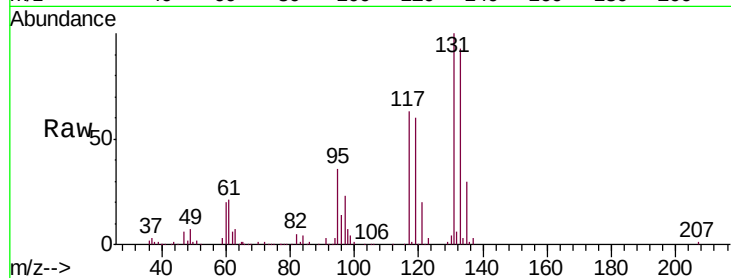




#65
 1,1,1,2-Tetrachloroethane
 Concen: 19.339 ug/l
 RT: 10.21 min Scan# 1496
 Delta R.T. -0.00 min
 Lab File: VX017295.D
 Acq: 09 Jul 2020 06:36

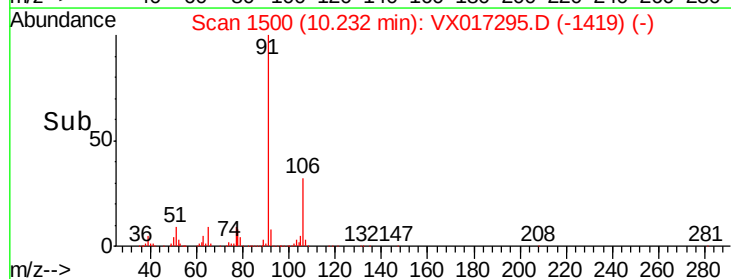
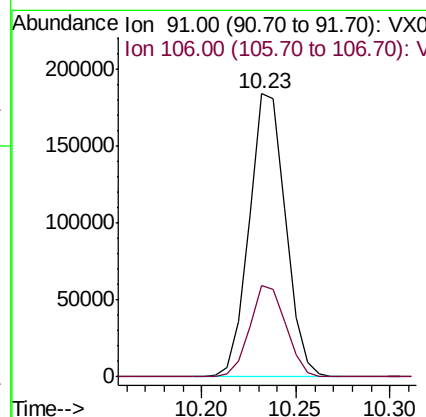
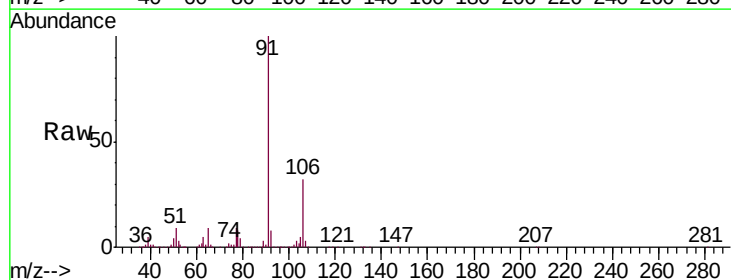
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

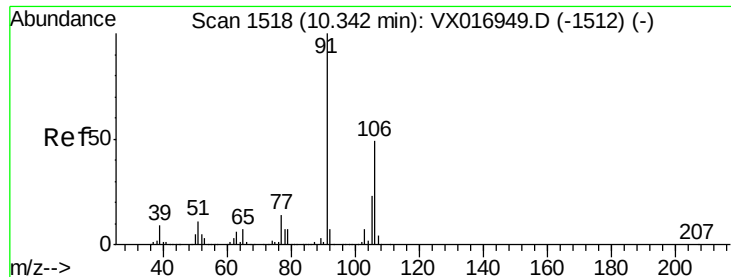
Tgt Ion: 131 Resp: 60753
 Ion Ratio Lower Upper
 131 100
 133 94.5 0.0 190.2
 119 61.9 0.0 133.2



#66
 Ethyl Benzene
 Concen: 16.637 ug/l
 RT: 10.23 min Scan# 1500
 Delta R.T. -0.01 min
 Lab File: VX017295.D
 Acq: 09 Jul 2020 06:36

Tgt Ion: 91 Resp: 245743
 Ion Ratio Lower Upper
 91 100
 106 32.1 24.8 37.2

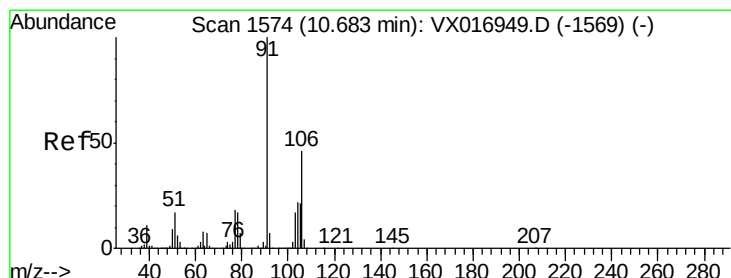
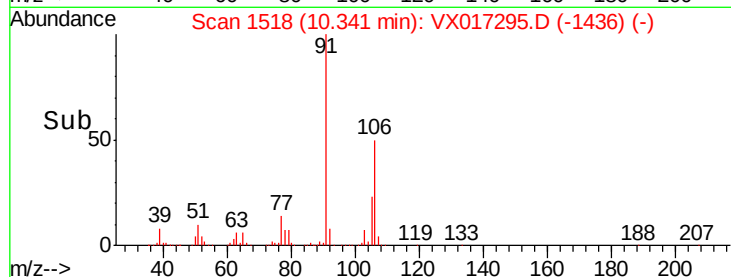
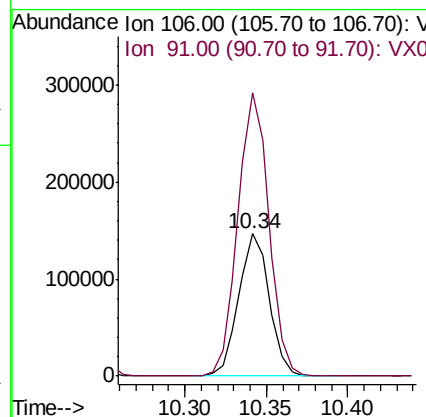
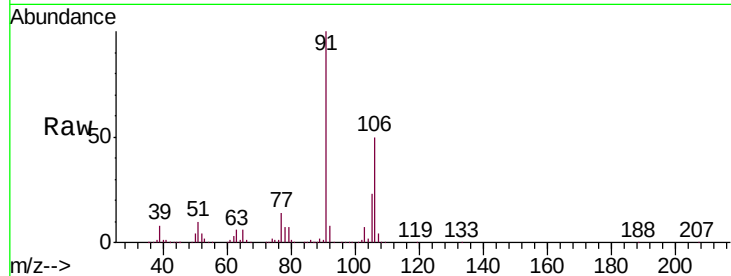




#67
m/p-Xylenes
Concen: 34.373 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. -0.00 min
Lab File: VX017295.D
Acq: 09 Jul 2020 06:36

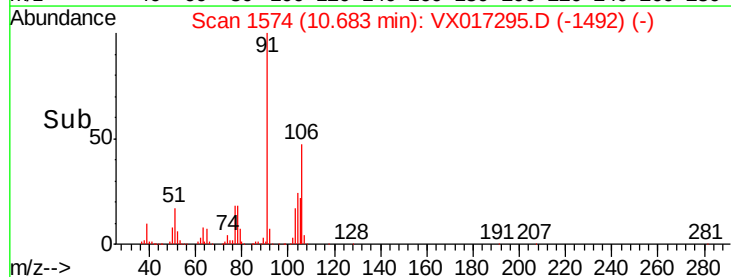
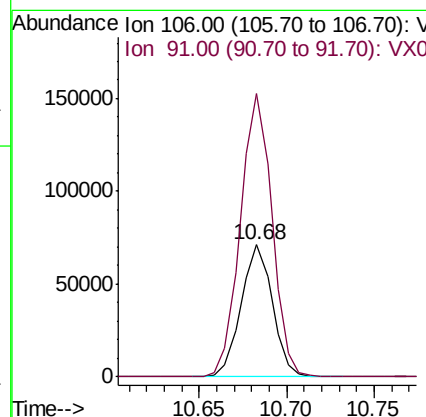
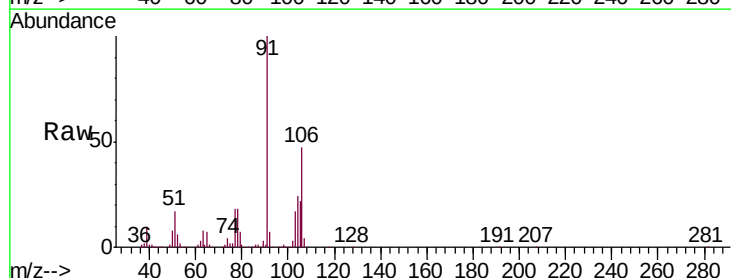
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

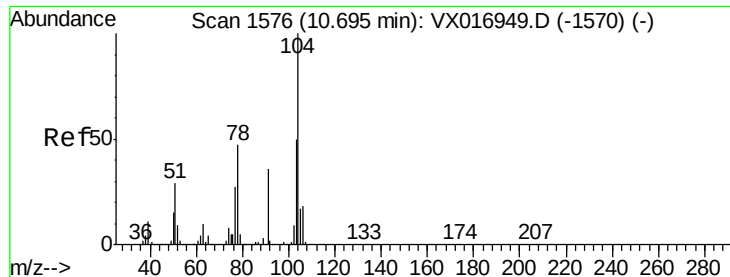
Tgt Ion:106 Resp: 191529
Ion Ratio Lower Upper
106 100
91 202.5 164.5 246.7



#68
o-Xylene
Concen: 16.633 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX017295.D
Acq: 09 Jul 2020 06:36

Tgt Ion:106 Resp: 89028
Ion Ratio Lower Upper
106 100
91 215.6 107.3 321.9





#69

Styrene

Concen: 17.442 ug/l

RT: 10.70 min Scan# 1576

Delta R.T. -0.00 min

Lab File: VX017295.D

Acq: 09 Jul 2020 06:36

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

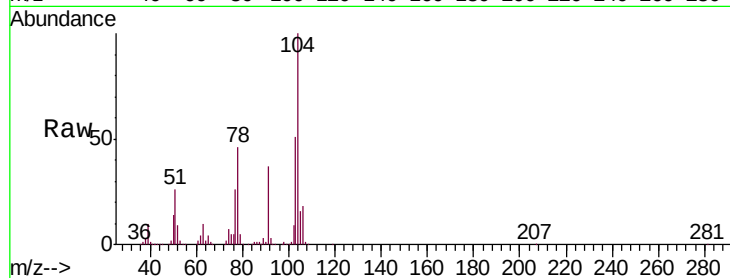
Tgt Ion:104 Resp: 159855

Ion Ratio Lower Upper

104 100

78 50.9 42.6 64.0

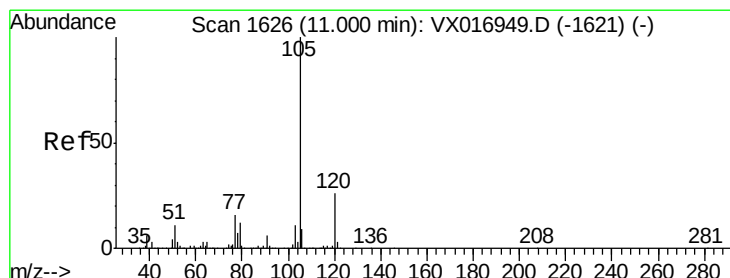
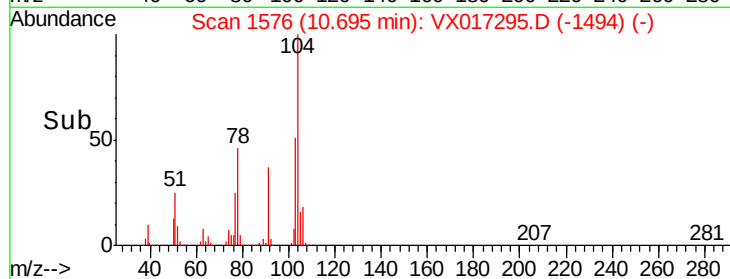
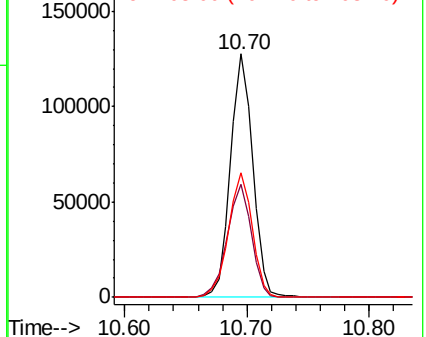
103 54.4 44.1 66.1



Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): VX0

Ion 103.00 (102.70 to 103.70): V



#70

Isopropylbenzene

Concen: 17.091 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.00 min

Lab File: VX017295.D

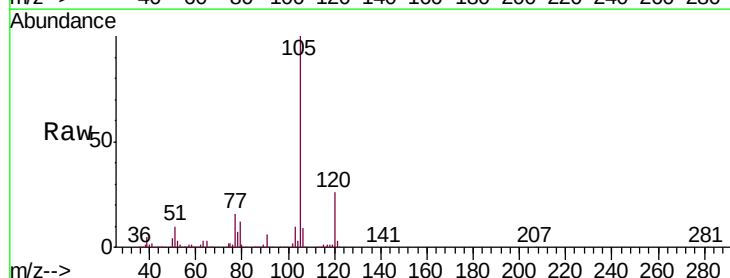
Acq: 09 Jul 2020 06:36

Tgt Ion:105 Resp: 248113

Ion Ratio Lower Upper

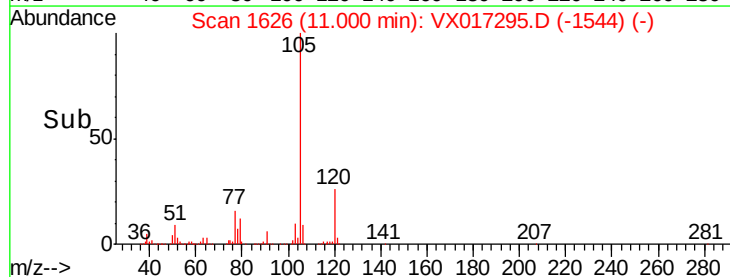
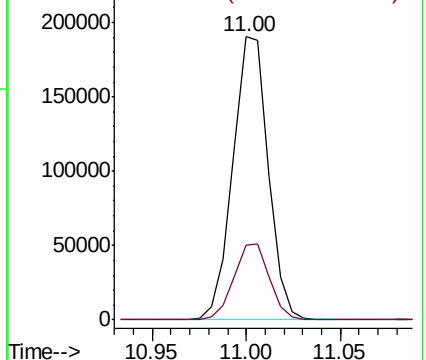
105 100

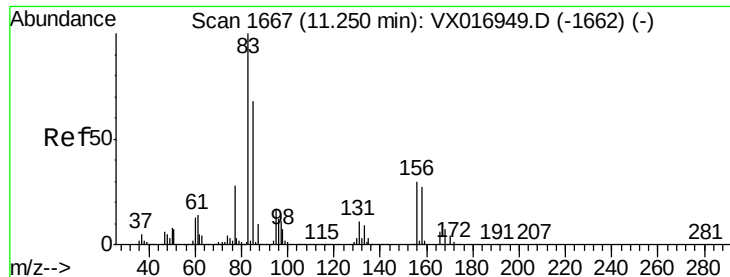
120 27.0 19.0 35.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#71

1,1,2,2-Tetrachloroethane

Concen: 17.784 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. -0.00 min

Lab File: VX017295.D

Acq: 09 Jul 2020 06:36

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

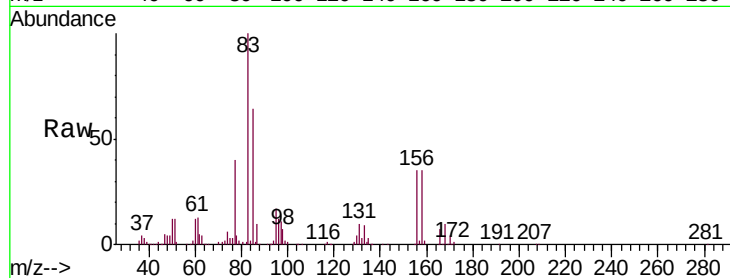
Tgt Ion: 83 Resp: 79288

Ion Ratio Lower Upper

83 100

131 11.3 5.2 15.6

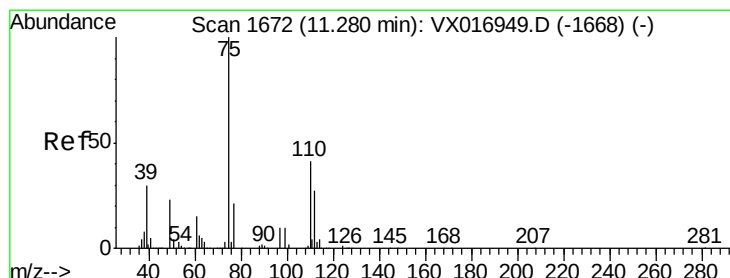
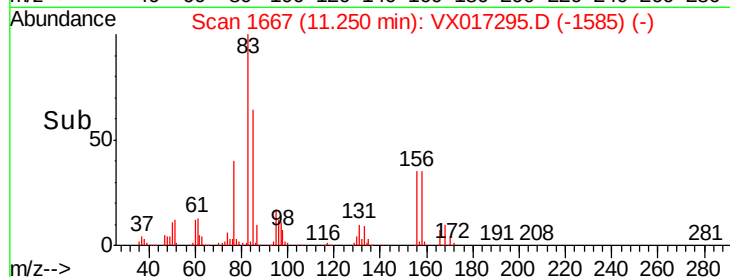
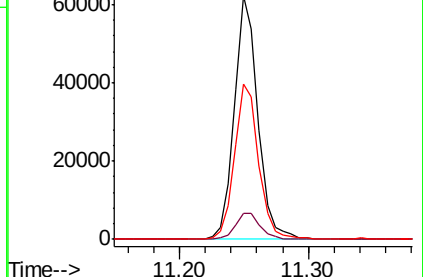
85 65.6 33.1 99.3



Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 131.00 (130.70 to 131.70): V

Ion 85.00 (84.70 to 85.70): VX0



#72

1,2,3-Trichloropropane

Concen: 22.675 ug/l

RT: 11.28 min Scan# 1672

Delta R.T. -0.00 min

Lab File: VX017295.D

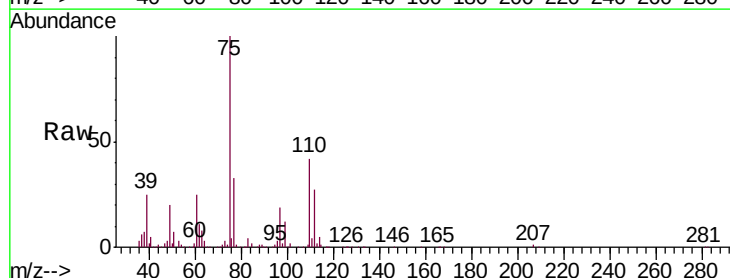
Acq: 09 Jul 2020 06:36

Tgt Ion: 75 Resp: 97086

Ion Ratio Lower Upper

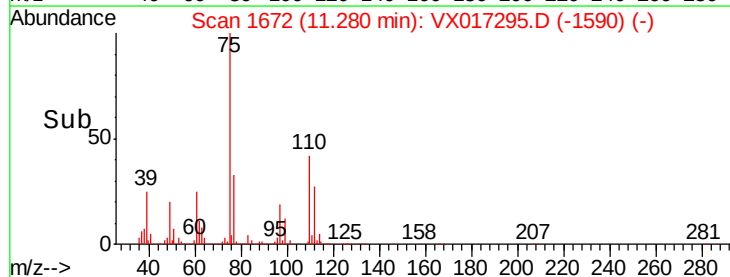
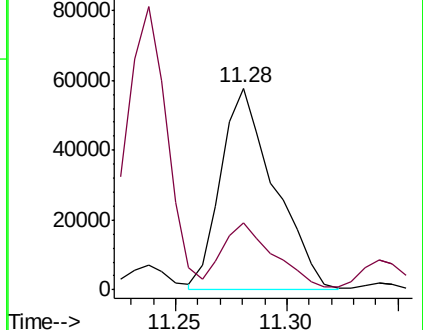
75 100

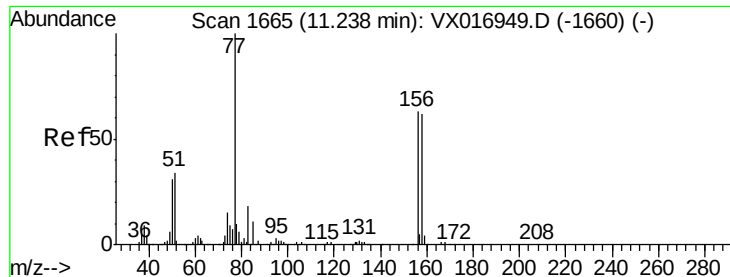
77 32.1 0.0 77.2



Abundance Ion 75.00 (74.70 to 75.70): VX0

Ion 77.00 (76.70 to 77.70): VX0





#73

Bromobenzene

Concen: 18.546 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX017295.D

Acq: 09 Jul 2020 06:36

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

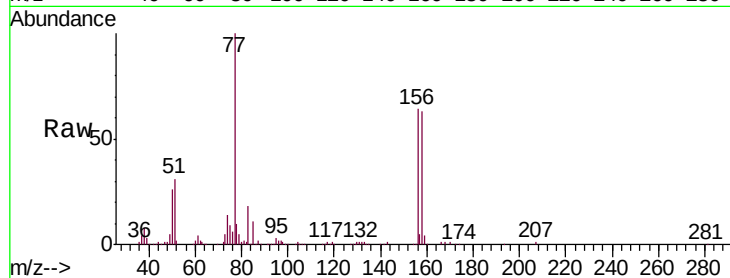
Tgt Ion:156 Resp: 67950

Ion Ratio Lower Upper

156 100

77 152.9 0.0 317.2

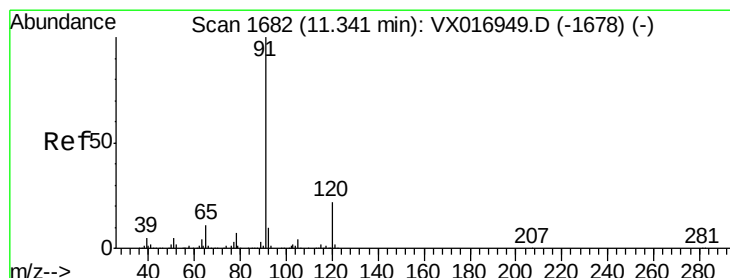
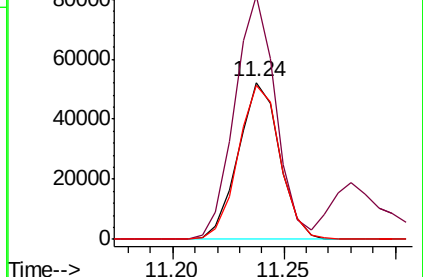
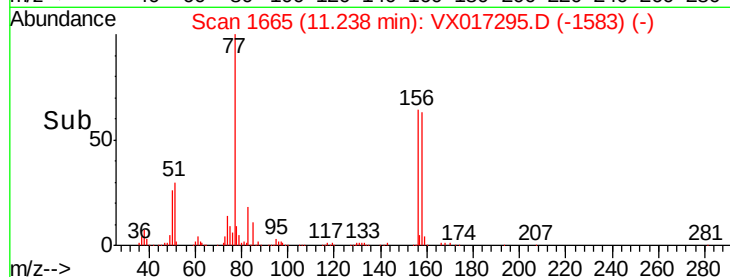
158 99.1 0.0 188.4



Abundance Ion 156.00 (155.70 to 156.70): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 158.00 (157.70 to 158.70): V



#74

n-propylbenzene

Concen: 16.261 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. -0.00 min

Lab File: VX017295.D

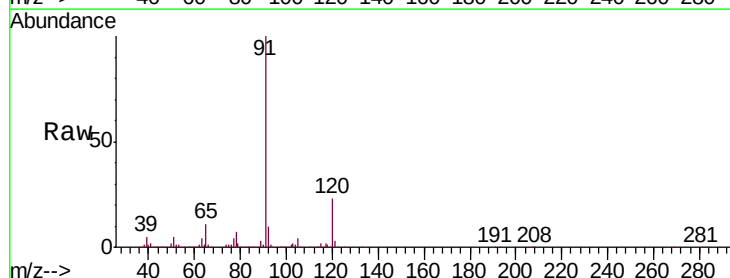
Acq: 09 Jul 2020 06:36

Tgt Ion: 91 Resp: 280287

Ion Ratio Lower Upper

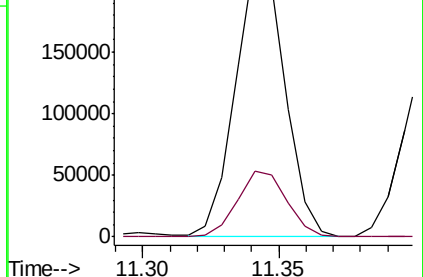
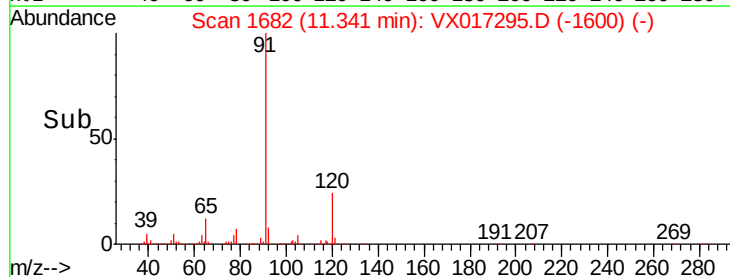
91 100

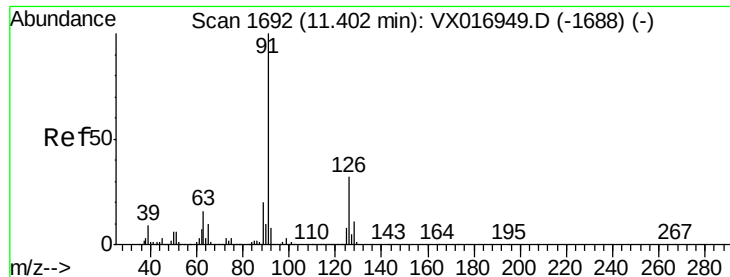
120 23.9 0.0 45.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#75

2-Chlorotoluene

Concen: 17.475 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. -0.00 min

Lab File: VX017295.D

Acq: 09 Jul 2020 06:36

Instrument :

MSVOA_X

ClientSampleId :

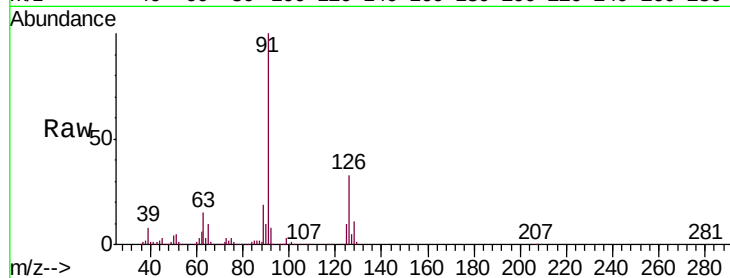
VSTDCCC020EC

Tgt Ion: 91 Resp: 175648

Ion Ratio Lower Upper

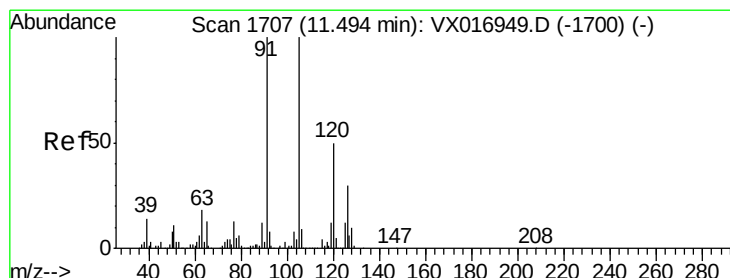
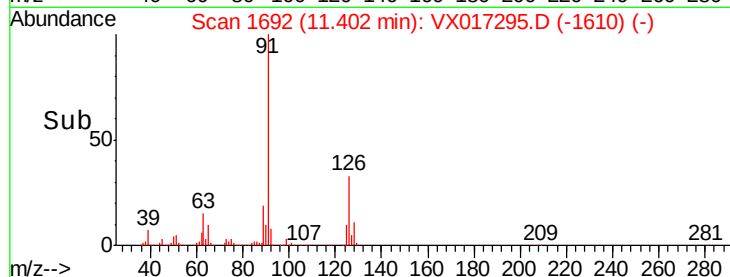
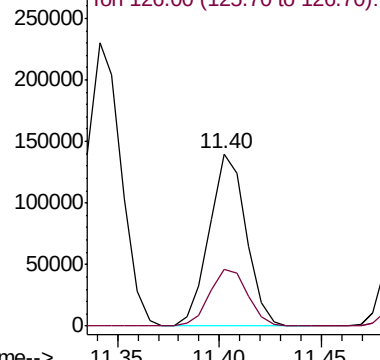
91 100

126 34.2 0.0 68.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 126.00 (125.70 to 126.70): V



#76

1,3,5-Trimethylbenzene

Concen: 17.445 ug/l

RT: 11.49 min Scan# 1706

Delta R.T. -0.01 min

Lab File: VX017295.D

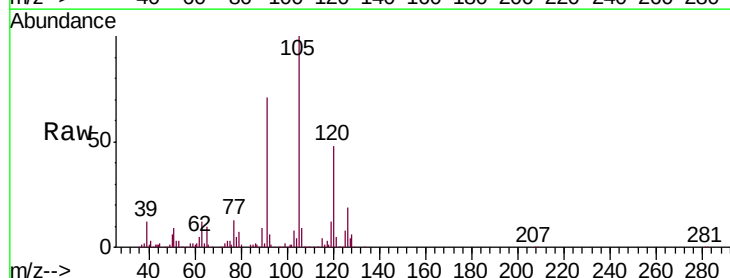
Acq: 09 Jul 2020 06:36

Tgt Ion: 105 Resp: 212579

Ion Ratio Lower Upper

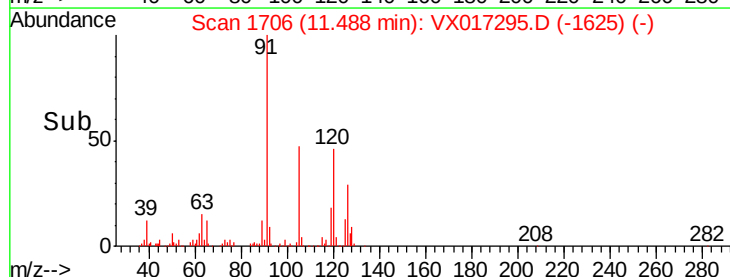
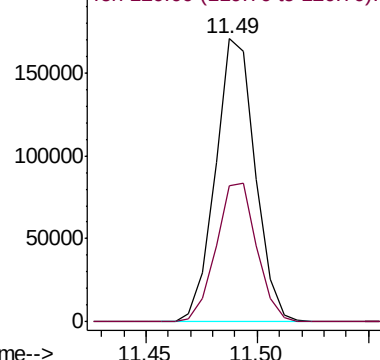
105 100

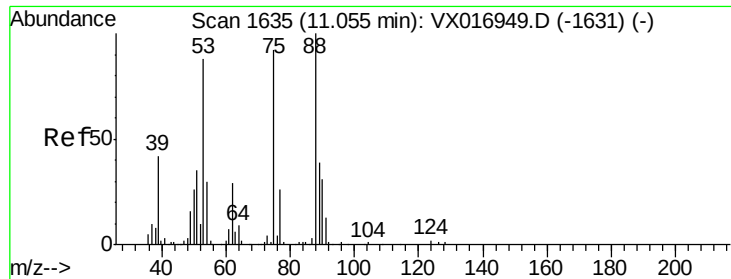
120 49.9 0.0 99.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



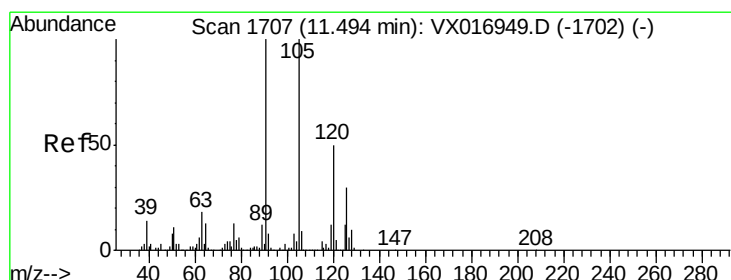
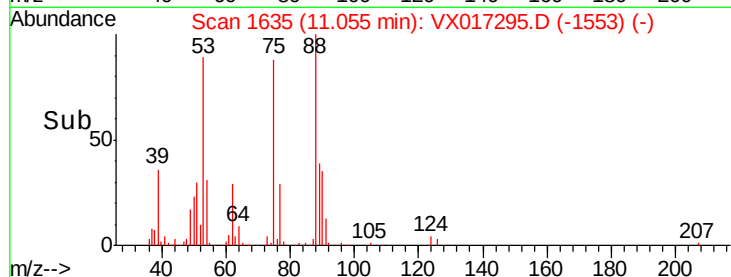
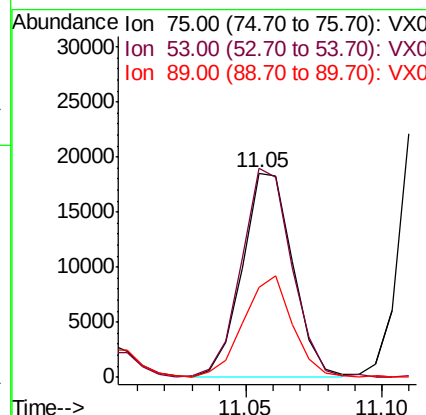
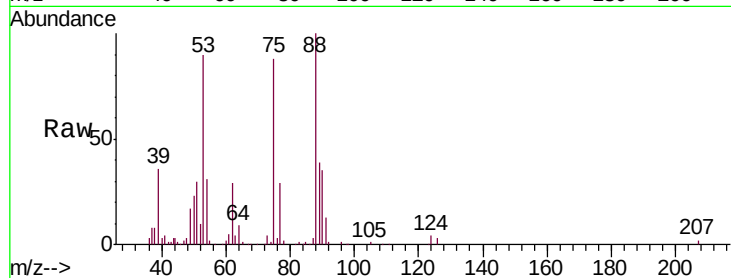


#77
t-1,4-Dichloro-2-butene
Concen: 13.778 ug/l
RT: 11.05 min Scan# 1635
Delta R.T. -0.00 min
Lab File: VX017295.D
Acq: 09 Jul 2020 06:36

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 75 Resp: 23907

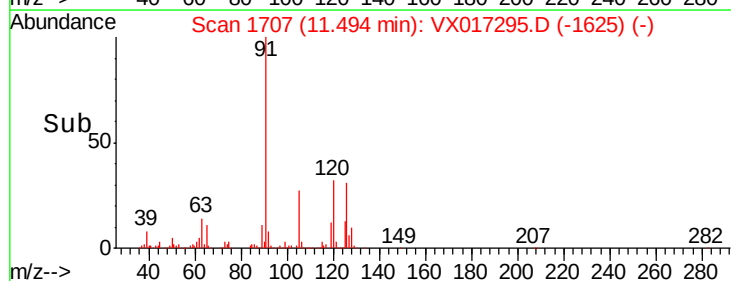
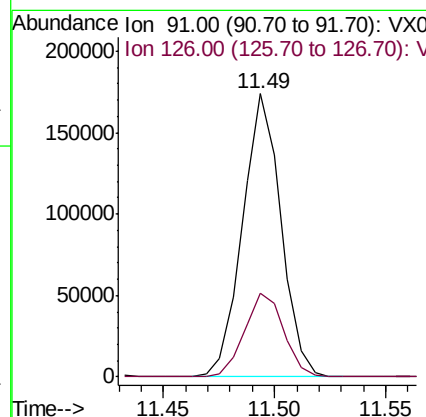
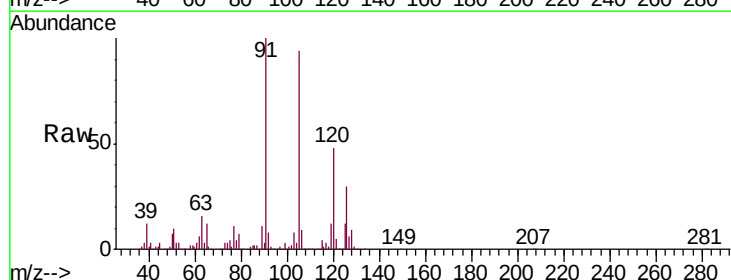
Ion	Ratio	Lower	Upper
75	100		
53	101.7	47.6	142.9
89	43.7	21.1	63.4

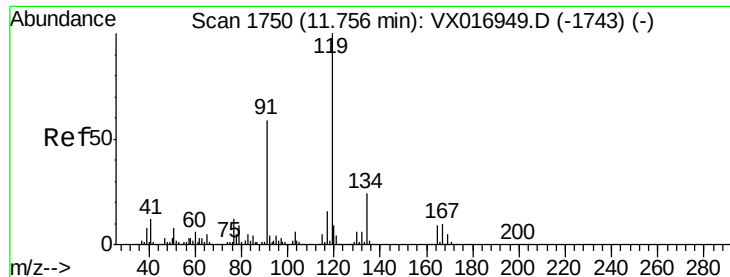


#78
4-Chlorotoluene
Concen: 17.557 ug/l
RT: 11.49 min Scan# 1707
Delta R.T. -0.00 min
Lab File: VX017295.D
Acq: 09 Jul 2020 06:36

Tgt Ion: 91 Resp: 208947

Ion	Ratio	Lower	Upper
91	100		
126	30.5	0.0	60.6

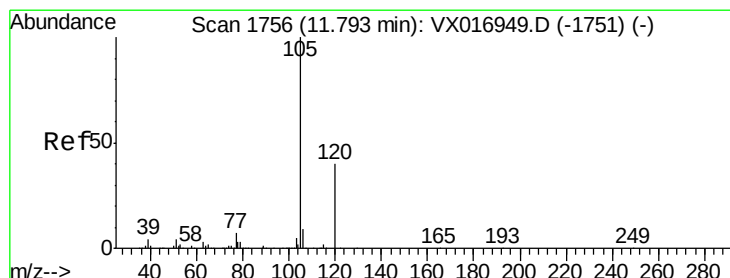
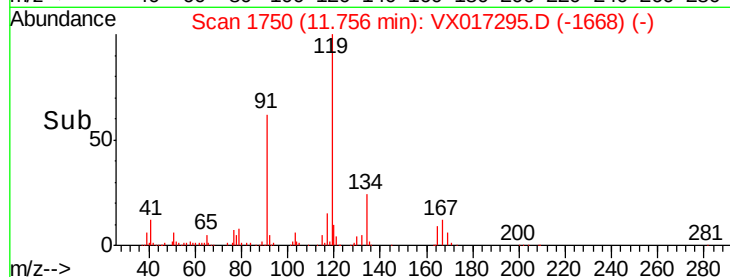
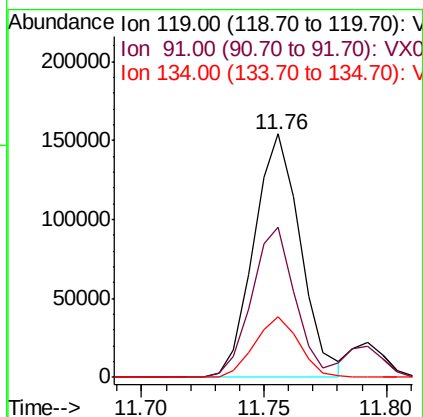
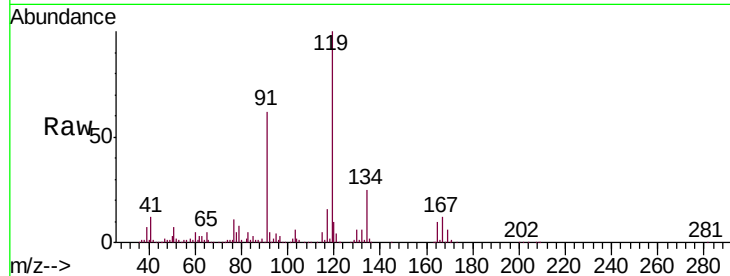




#79
tert-butylbenzene
Concen: 17.478 ug/l
RT: 11.76 min Scan# 1750
Delta R.T. -0.00 min
Lab File: VX017295.D
Acq: 09 Jul 2020 06:36

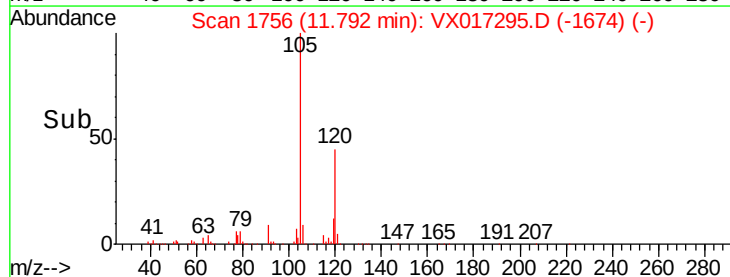
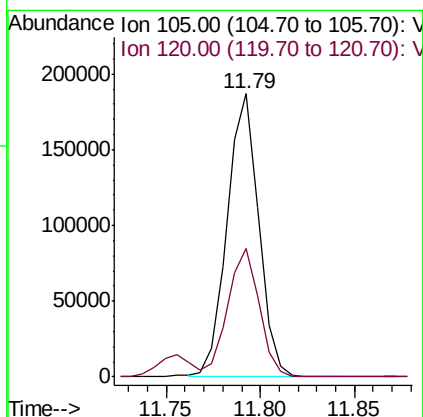
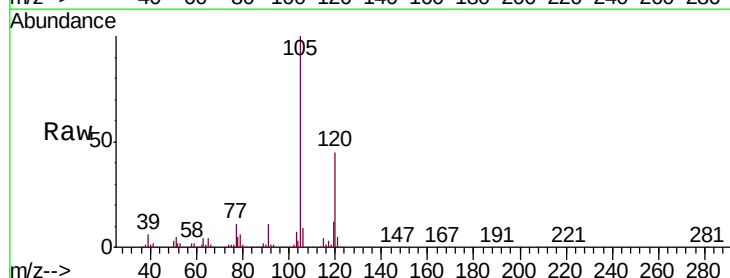
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

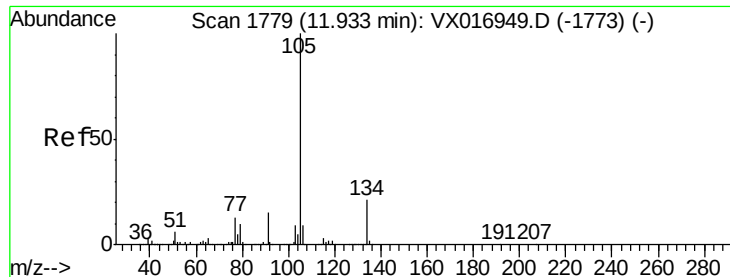
Tgt Ion:119 Resp: 204032
Ion Ratio Lower Upper
119 100
91 57.2 0.0 115.2
134 23.9 0.0 45.8



#80
1,2,4-Trimethylbenzene
Concen: 17.719 ug/l
RT: 11.79 min Scan# 1756
Delta R.T. -0.00 min
Lab File: VX017295.D
Acq: 09 Jul 2020 06:36

Tgt Ion:105 Resp: 216772
Ion Ratio Lower Upper
105 100
120 45.3 0.0 89.8





#81

sec-Butylbenzene

Concen: 16.395 ug/l

RT: 11.93 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VX017295.D

Acq: 09 Jul 2020 06:36

Instrument :

MSVOA_X

ClientSampleId :

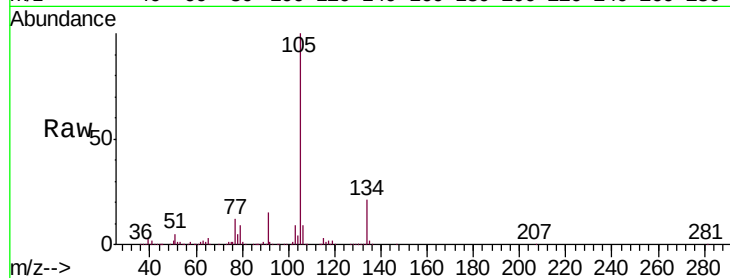
VSTDCCC020EC

Tgt Ion:105 Resp: 231716

Ion Ratio Lower Upper

105 100

134 21.3 0.0 41.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

11.93

200000

150000

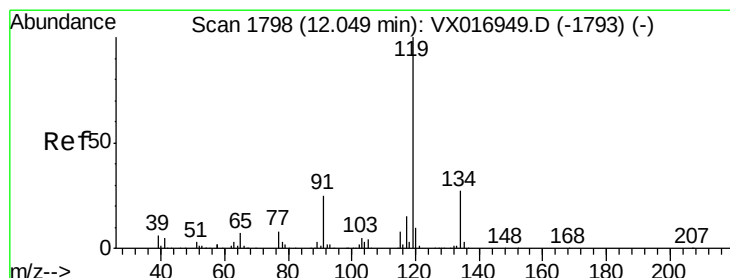
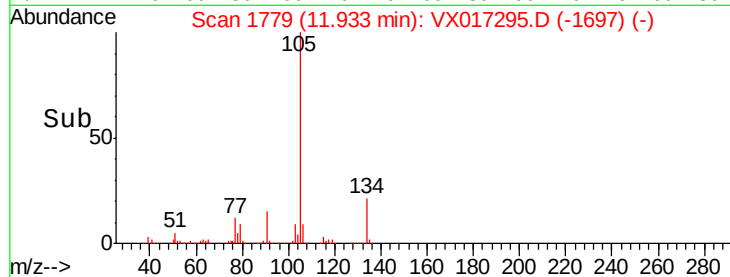
100000

50000

0

Time-->

11.90 11.95



#82

p-Isopropyltoluene

Concen: 16.874 ug/l

RT: 12.05 min Scan# 1798

Delta R.T. -0.00 min

Lab File: VX017295.D

Acq: 09 Jul 2020 06:36

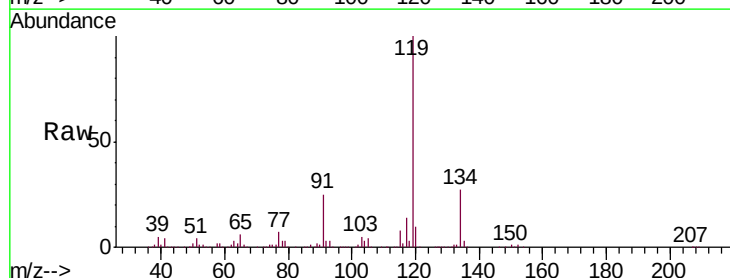
Tgt Ion:119 Resp: 215330

Ion Ratio Lower Upper

119 100

134 27.3 0.0 53.0

91 24.7 0.0 49.0



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

250000

200000

150000

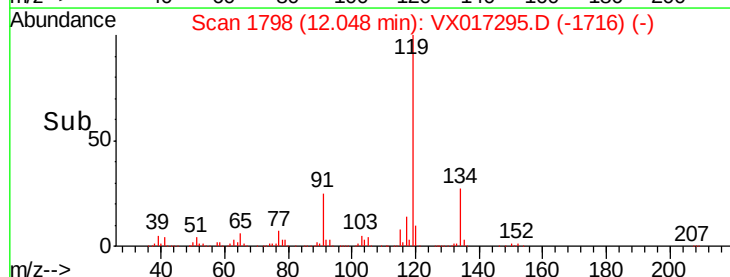
100000

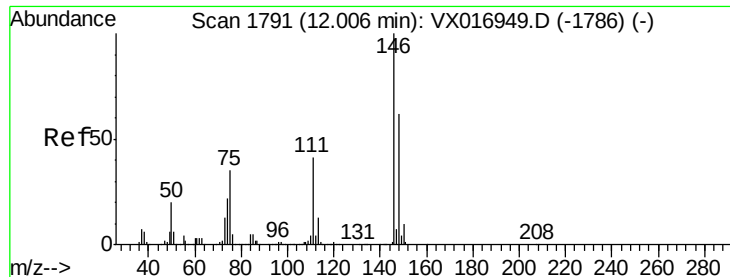
50000

0

Time-->

12.00 12.05 12.10





#83

1,3-Dichlorobenzene

Concen: 18.997 ug/l

RT: 12.01 min Scan# 1792

Delta R.T. 0.01 min

Lab File: VX017295.D

Acq: 09 Jul 2020 06:36

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

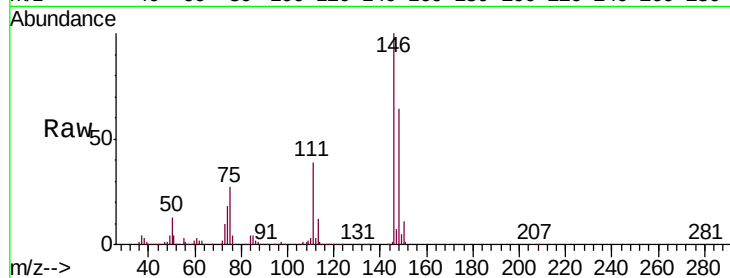
Tgt Ion:146 Resp: 124732

Ion Ratio Lower Upper

146 100

111 39.4 19.5 58.5

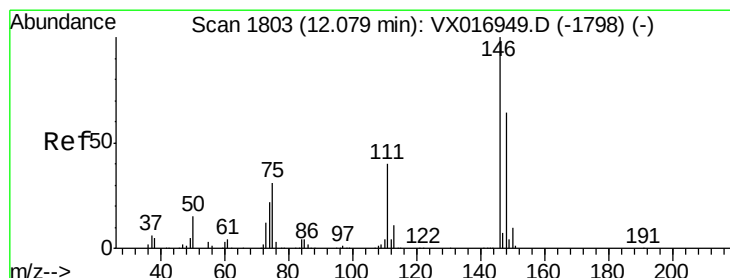
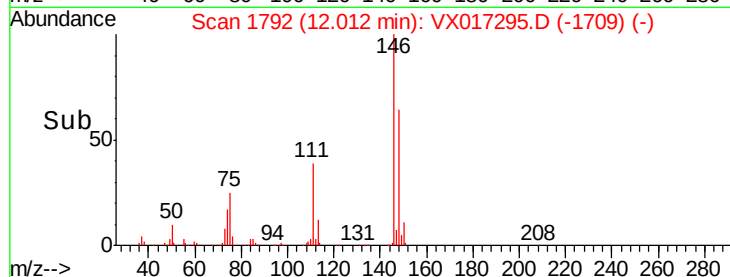
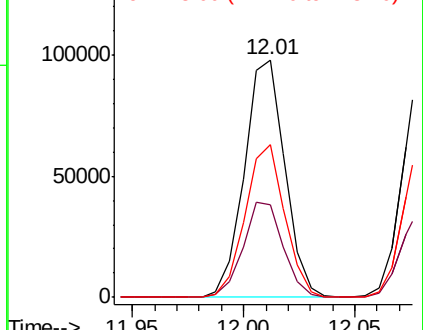
148 62.8 31.8 95.4



Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V



#84

1,4-Dichlorobenzene

Concen: 18.727 ug/l

RT: 12.08 min Scan# 1803

Delta R.T. -0.00 min

Lab File: VX017295.D

Acq: 09 Jul 2020 06:36

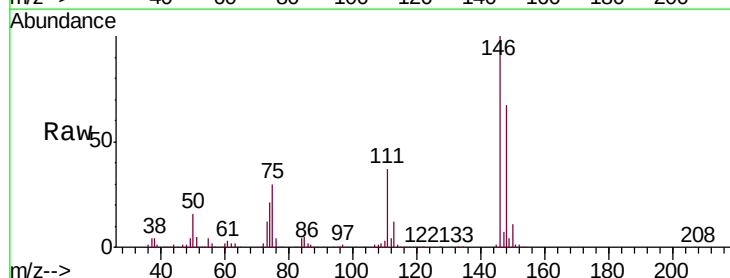
Tgt Ion:146 Resp: 123539

Ion Ratio Lower Upper

146 100

111 37.5 19.4 58.2

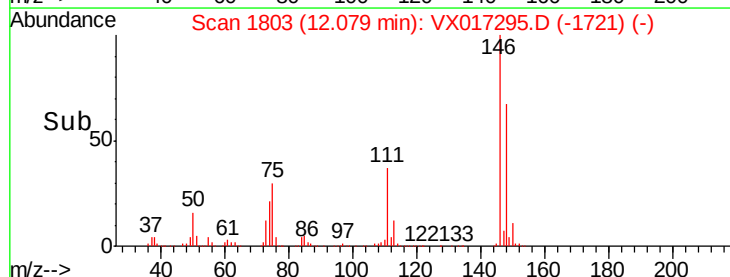
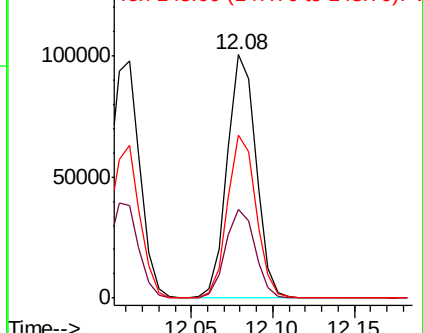
148 66.4 32.1 96.3

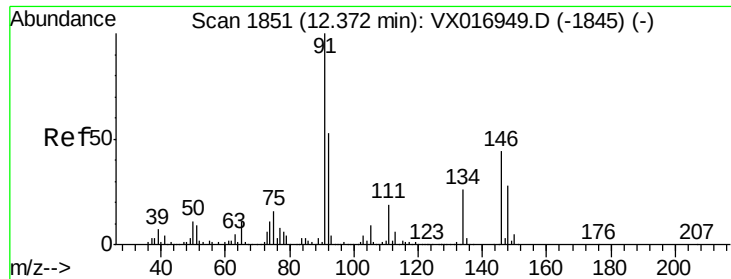


Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V

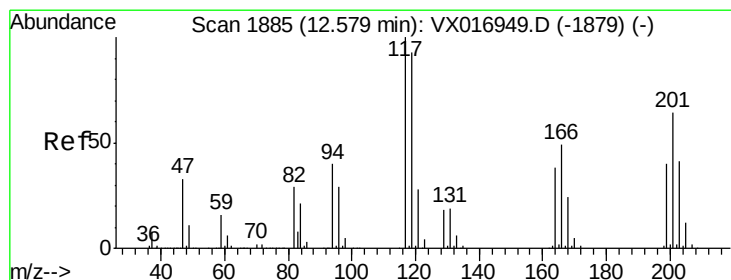
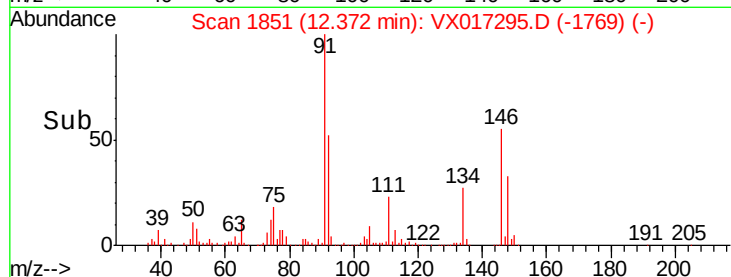
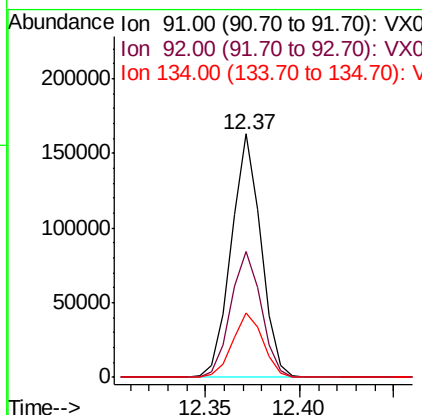
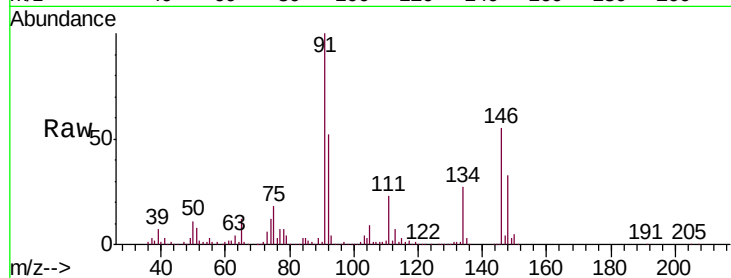




#85
n-Butylbenzene
Concen: 15.118 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. -0.00 min
Lab File: VX017295.D
Acq: 09 Jul 2020 06:36

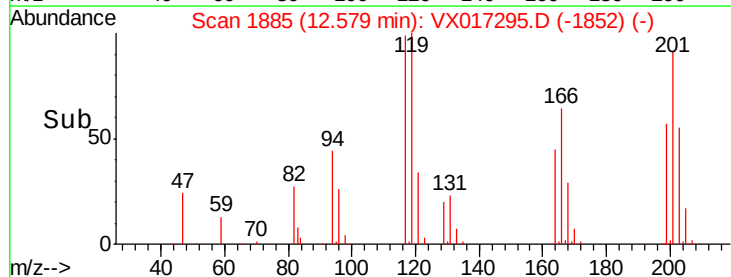
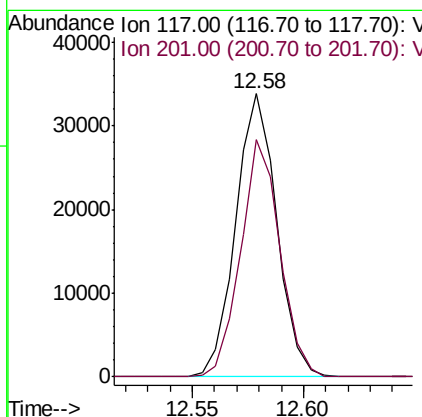
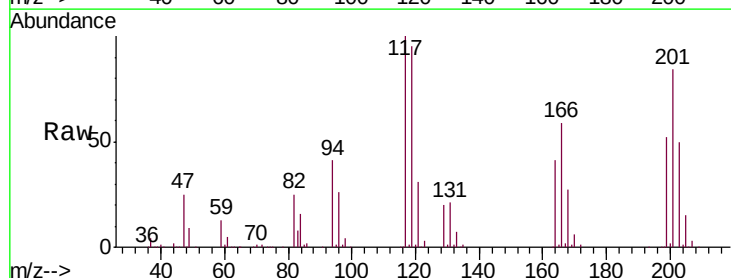
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

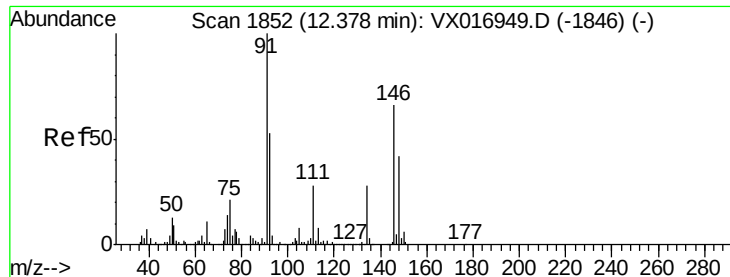
Tgt Ion: 91 Resp: 178571
Ion Ratio Lower Upper
91 100
92 53.0 0.0 105.8
134 27.2 0.0 52.2



#86
Hexachloroethane
Concen: 17.413 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX017295.D
Acq: 09 Jul 2020 06:36

Tgt Ion: 117 Resp: 43487
Ion Ratio Lower Upper
117 100
201 80.3 34.6 103.9

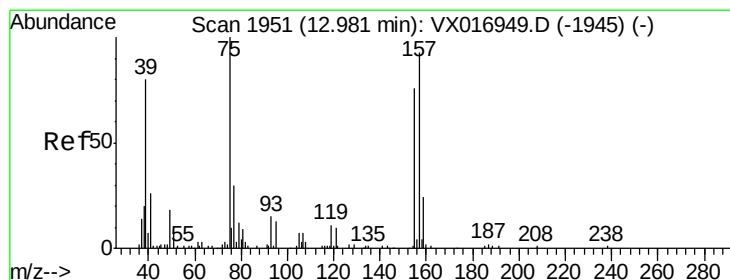
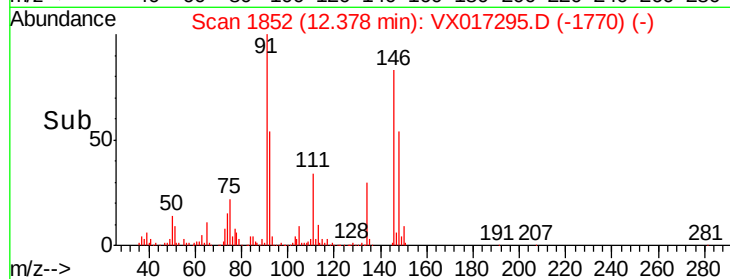
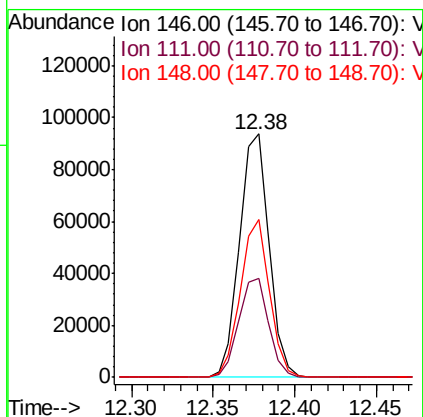
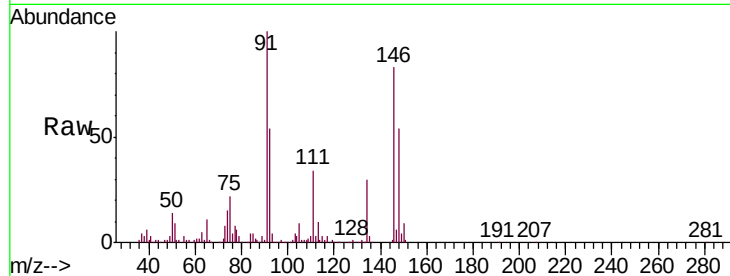




#87
 1,2-Dichlorobenzene
 Concen: 19.365 ug/l
 RT: 12.38 min Scan# 1852
 Delta R.T. -0.00 min
 Lab File: VX017295.D
 Acq: 09 Jul 2020 06:36

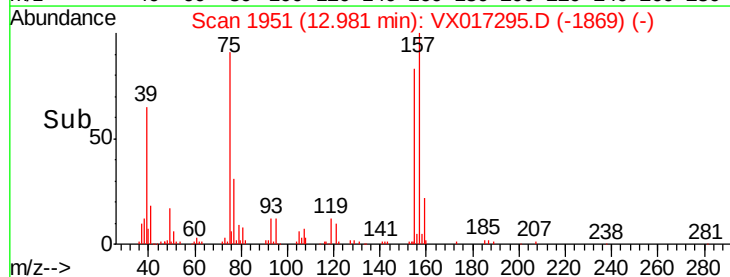
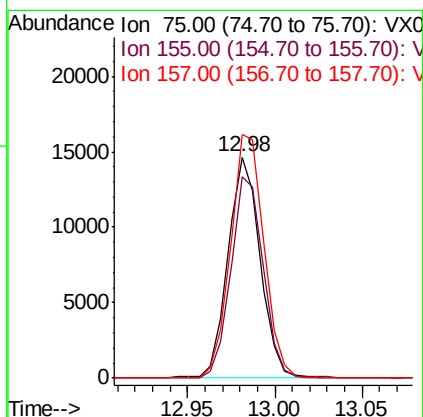
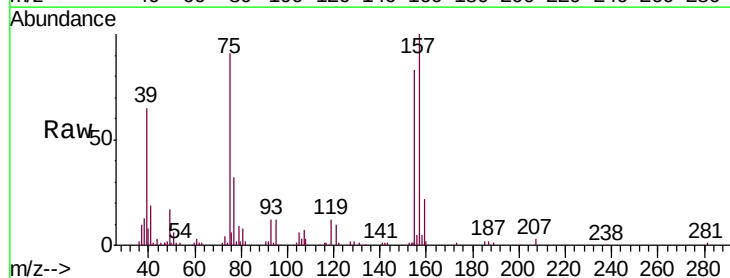
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

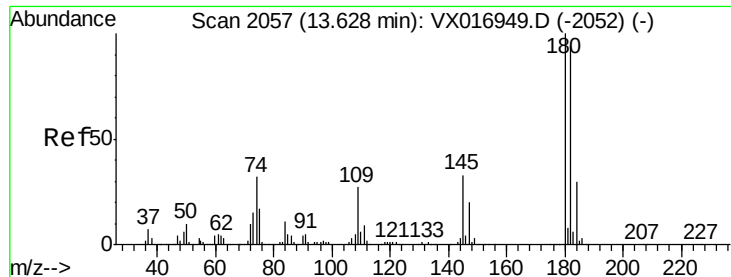
Tgt Ion:146 Resp: 119010
 Ion Ratio Lower Upper
 146 100
 111 41.3 21.1 63.1
 148 63.7 32.1 96.3



#88
 1,2-Dibromo-3-Chloropropane
 Concen: 18.498 ug/l
 RT: 12.98 min Scan# 1951
 Delta R.T. -0.00 min
 Lab File: VX017295.D
 Acq: 09 Jul 2020 06:36

Tgt Ion: 75 Resp: 18764
 Ion Ratio Lower Upper
 75 100
 155 91.0 65.0 97.6
 157 113.6 83.0 124.4

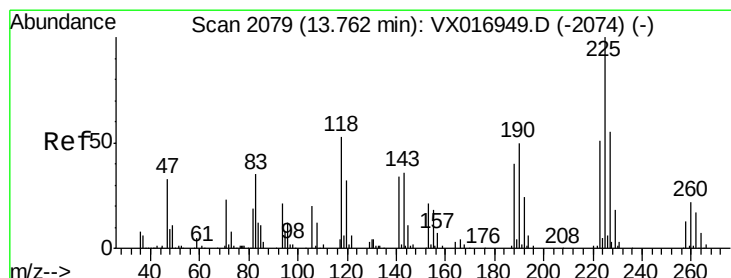
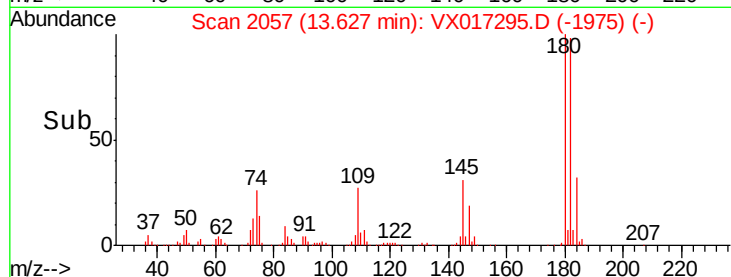
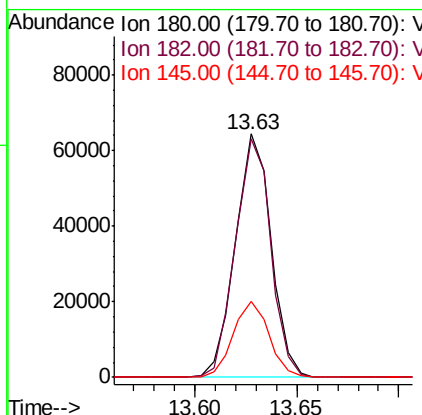
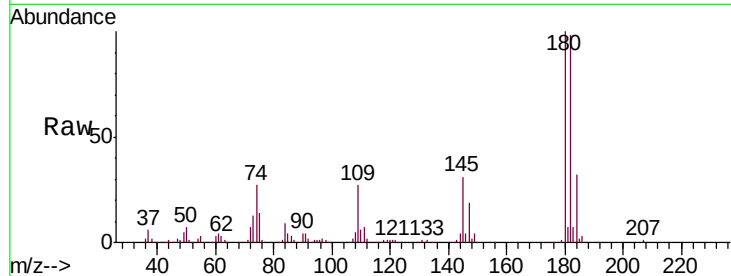




#89
 1,2,4-Trichlorobenzene
 Concen: 18.893 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. -0.00 min
 Lab File: VX017295.D
 Acq: 09 Jul 2020 06:36

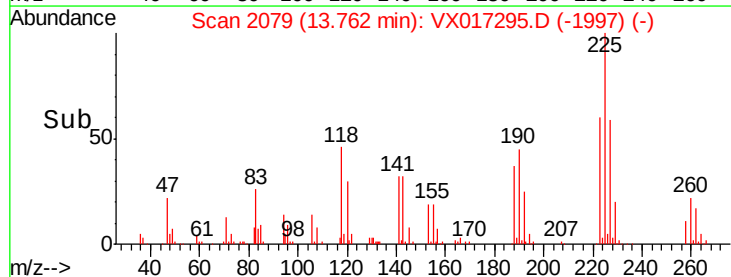
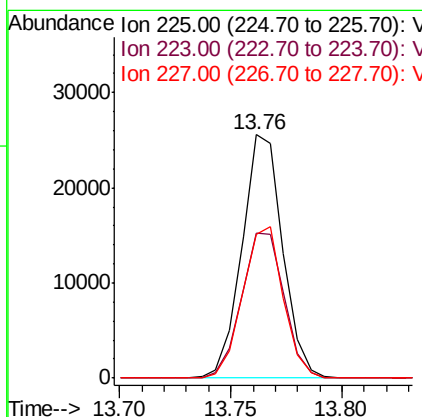
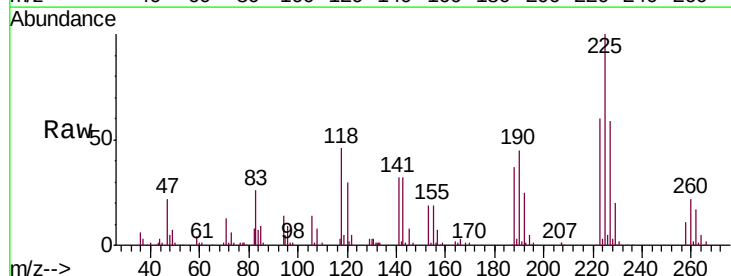
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

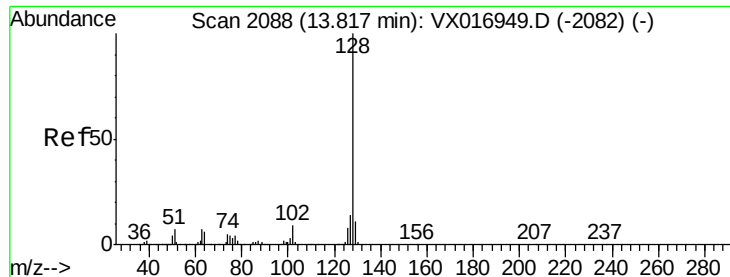
Tgt Ion:180 Resp: 78335
 Ion Ratio Lower Upper
 180 100
 182 97.1 77.7 116.5
 145 31.3 26.2 39.2



#90
 Hexachlorobutadiene
 Concen: 20.725 ug/l
 RT: 13.76 min Scan# 2079
 Delta R.T. -0.00 min
 Lab File: VX017295.D
 Acq: 09 Jul 2020 06:36

Tgt Ion:225 Resp: 32688
 Ion Ratio Lower Upper
 225 100
 223 62.3 0.0 125.0
 227 61.7 0.0 124.0

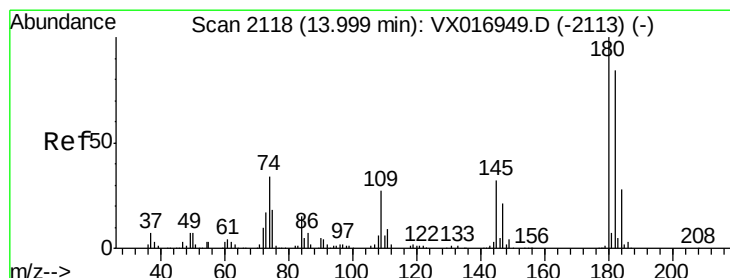
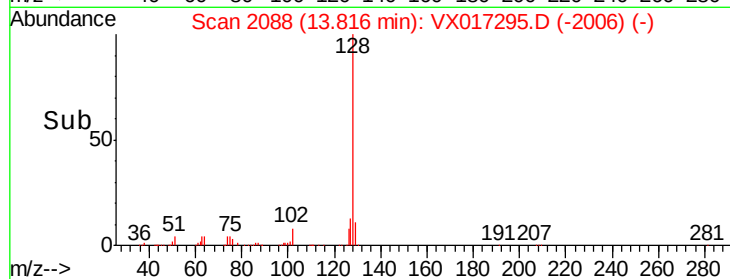
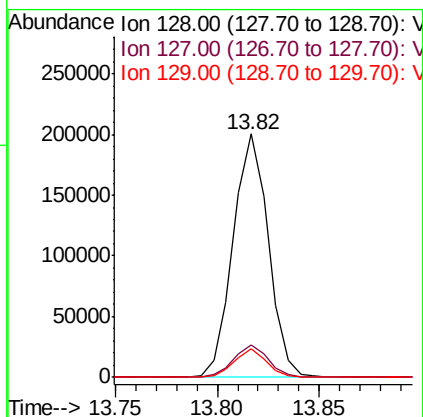
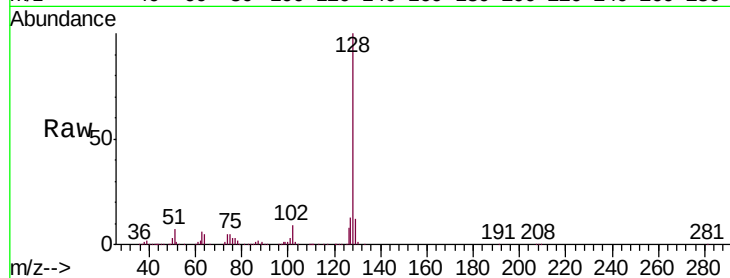




#91
Naphthalene
Concen: 17.661 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. -0.00 min
Lab File: VX017295.D
Acq: 09 Jul 2020 06:36

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tgt Ion:128 Resp: 240019
Ion Ratio Lower Upper
128 100
127 13.2 10.5 15.7
129 10.9 9.0 13.4



#92
1,2,3-Trichlorobenzene
Concen: 19.616 ug/l
RT: 14.00 min Scan# 2118
Delta R.T. -0.00 min
Lab File: VX017295.D
Acq: 09 Jul 2020 06:36

Tgt Ion:180 Resp: 79370
Ion Ratio Lower Upper
180 100
182 95.7 0.0 184.8
145 32.7 0.0 68.0

