

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX071020\
 Data File : VX017345.D
 Acq On : 10 Jul 2020 18:58
 Operator : JC/SP
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

Quant Time: Jul 11 00:51:38 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X070920W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Jul 09 12:25:06 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	4.98	128	53045	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.84	114	280089	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.10	117	271479	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.03	65	115288	30.24	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	100.80%
60) 4-Bromofluorobenzene	11.12	95	136429	29.46	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	98.20%
63) Toluene-d8	8.70	98	344529	30.00	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	100.00%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.18	85	44214	19.068	ug/l 96
3) Chloromethane	1.31	50	47900	19.390	ug/l 94
4) Vinyl Chloride	1.39	62	49710	19.529	ug/l 98
5) Bromomethane	1.63	94	35670	21.024	ug/l 98
6) Chloroethane	1.72	64	31418	18.667	ug/l 96
7) Trichlorofluoromethane	1.92	101	87428	19.335	ug/l 96
8) Diethyl Ether	2.17	74	29788	18.569	ug/l 97
9) 1,1,2-Trichlorotrifluoroet	2.37	101	49248	19.919	ug/l 99
10) 1,1-Dichloroethene	2.36	96	47944	19.669	ug/l 94
11) Methyl Iodide	2.49	142	49226	17.150	ug/l 99
12) Methyl Acetate	2.75	43	67574	19.895	ug/l 98
13) Acrolein	2.28	56	51451	117.141	ug/l 97
14) Acrylonitrile	3.12	53	146782	95.782	ug/l 99
15) Acetone	2.42	58	38852	100.527	ug/l 87
16) Carbon Disulfide	2.55	76	129798	19.632	ug/l 98
17) Allyl chloride	2.71	41	85396	18.831	ug/l 94
18) Methylene Chloride	2.84	84	56988	18.981	ug/l 97
19) trans-1,2-Dichloroethene	3.14	96	53409	18.740	ug/l 95
20) Diisopropyl ether	3.82	45	176761	19.496	ug/l 97
21) 1,1-Dichloroethane	3.67	63	99025	19.486	ug/l 97
22) cis-1,2-Dichloroethene	4.57	96	61853	19.023	ug/l 97
23) tert-Butyl Alcohol	3.01	59	62652	99.078	ug/l # 99
24) Methyl tert-Butyl Ether	3.17	73	177977	19.125	ug/l 99
25) Chloroform	5.18	83	106017	19.580	ug/l 98
26) Cyclohexane	5.55	56	79503	20.081	ug/l # 99
29) 1,1-Dichloropropene	5.78	75	74432	19.271	ug/l 98
30) 2-Butanone	4.64	43	210053	99.426	ug/l 100
31) 2,2-Dichloropropane	4.55	77	80359	16.607	ug/l 99
32) 1,1,1-Trichloroethane	5.46	97	97020	19.294	ug/l 97
33) Carbon Tetrachloride	5.76	117	88069	18.992	ug/l 97
34) Benzene	6.11	78	220819	19.214	ug/l 99
35) Methacrylonitrile	5.01	41	46346	19.594	ug/l 96
36) 1,2-Dichloroethane	6.17	62	87310	19.290	ug/l 99
37) Trichloroethene	7.19	130	65115	18.837	ug/l 99
38) Methylcyclohexane	7.44	83	79292	19.481	ug/l 98
39) 1,2-Dichloropropane	7.49	63	57681	19.207	ug/l 93
40) Dibromomethane	7.64	93	41542	19.202	ug/l 99

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 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Bromodichloromethane	7.88	83	85553	18.948	ug/l	99
42) Vinyl Acetate	3.79	43	758993	94.009	ug/l	100
43) Ethyl Acetate	4.80	43	79307	19.084	ug/l	99
44) Isopropyl Acetate	6.42	43	131585	19.031	ug/l	99
45) 1,4-Dioxane	7.71	88	24983	379.076	ug/l #	95
46) Methyl methacrylate	7.74	41	64570	19.171	ug/l	96
47) n-amyl Acetate	10.88	43	116963	19.105	ug/l	99
48) t-1,3-Dichloropropene	9.02	75	90373	18.131	ug/l	99
49) cis-1,3-Dichloropropene	8.42	75	97781	18.747	ug/l	99
50) 1,1,2-Trichloroethane	9.20	97	60480	18.870	ug/l	96
51) Ethyl methacrylate	9.16	69	86263	18.473	ug/l	95
52) 1,3-Dichloropropane	9.35	76	99722	19.100	ug/l	100
53) Dibromochloromethane	9.56	129	71367	18.241	ug/l	96
54) 1,2-Dibromoethane	9.65	107	65922	19.236	ug/l	98
55) 2-Chloroethyl vinyl ether	8.29	63	236456	105.497	ug/l	99
56) Bromoform	10.84	173	56082	18.375	ug/l	99
58) 4-Methyl-2-Pentanone	8.62	43	419215	97.455	ug/l	100
59) 2-Hexanone	9.47	43	316799	96.610	ug/l	99
61) Tetrachloroethene	9.32	164	65656	18.985	ug/l	99
62) Toluene	8.77	91	244693	19.039	ug/l	100
64) Chlorobenzene	10.12	112	161921	18.883	ug/l	97
65) 1,1,1,2-Tetrachloroethane	10.20	131	65002	18.554	ug/l	100
66) Ethyl Benzene	10.23	91	272229	18.823	ug/l	100
67) m/p-Xylenes	10.34	106	211344	37.826	ug/l	98
68) o-Xylene	10.68	106	99763	18.789	ug/l	96
69) Styrene	10.70	104	176475	18.741	ug/l	98
70) Isopropylbenzene	11.00	105	278757	19.139	ug/l	99
71) 1,1,2,2-Tetrachloroethane	11.25	83	87402	19.135	ug/l	98
72) 1,2,3-Trichloropropane	11.28	75	86817m	19.349	ug/l	
73) Bromobenzene	11.24	156	75654	18.488	ug/l	99
74) n-propylbenzene	11.34	91	315626	18.707	ug/l	99
75) 2-Chlorotoluene	11.40	91	192071	18.673	ug/l	99
76) 1,3,5-Trimethylbenzene	11.49	105	236990	18.966	ug/l	98
77) t-1,4-Dichloro-2-butene	11.06	75	30850	18.032	ug/l	93
78) 4-Chlorotoluene	11.49	91	225334	18.480	ug/l	99
79) tert-butylbenzene	11.76	119	230307	18.994	ug/l	98
80) 1,2,4-Trimethylbenzene	11.79	105	238460	18.916	ug/l	99
81) sec-Butylbenzene	11.93	105	263632	18.863	ug/l	100
82) p-Isopropyltoluene	12.05	119	250749	18.974	ug/l	99
83) 1,3-Dichlorobenzene	12.01	146	139712	18.972	ug/l	100
84) 1,4-Dichlorobenzene	12.08	146	139624	18.738	ug/l	98
85) n-Butylbenzene	12.37	91	208318	18.655	ug/l	99
86) Hexachloroethane	12.58	117	46926	18.355	ug/l	97
87) 1,2-Dichlorobenzene	12.37	146	130420	18.520	ug/l	99
88) 1,2-Dibromo-3-Chloropropan	12.98	75	21197	19.154	ug/l	99
89) 1,2,4-Trichlorobenzene	13.63	180	89718	18.785	ug/l	99
90) Hexachlorobutadiene	13.76	225	37129	19.379	ug/l	99
91) Naphthalene	13.82	128	288754	19.720	ug/l	99
92) 1,2,3-Trichlorobenzene	14.01	180	90959	19.148	ug/l	98

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Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Thu Jul 09 12:25:06 2020
Response via : Initial Calibration

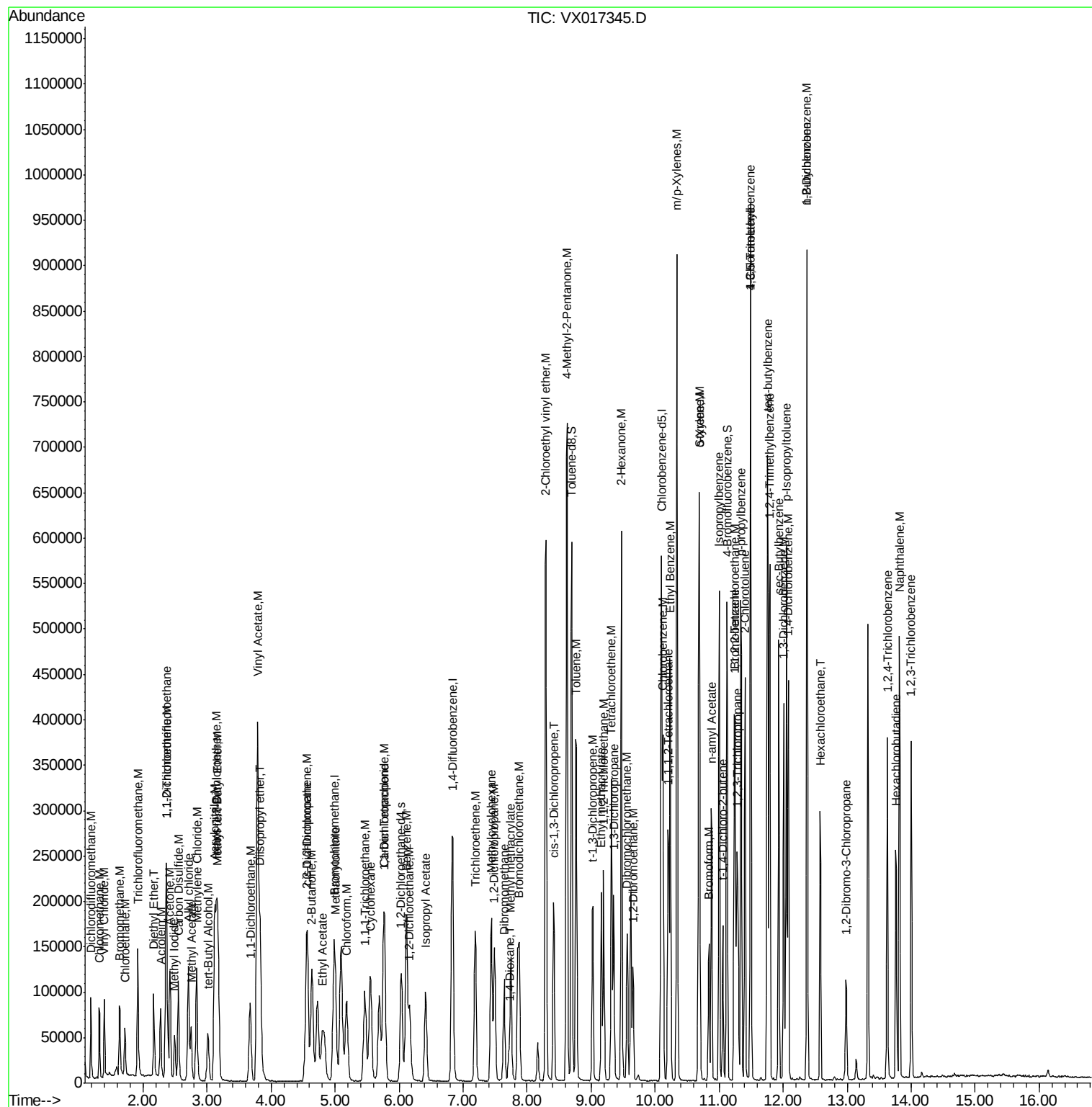
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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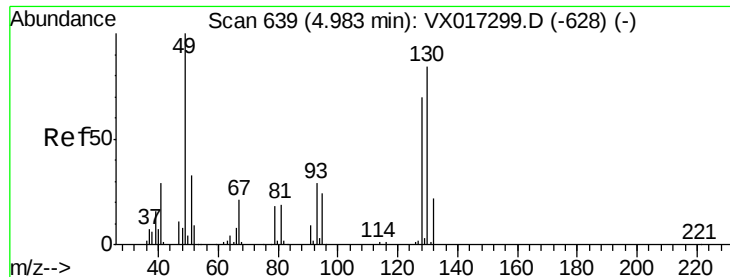
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX071020\
Data File : VX017345.D
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Instrument :
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ClientSampleId :
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Quant Time: Jul 11 00:51:38 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X070920W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
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#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 4.98 min Scan# 639

Delta R.T. -0.00 min

Lab File: VX017345.D

Acq: 10 Jul 2020 18:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

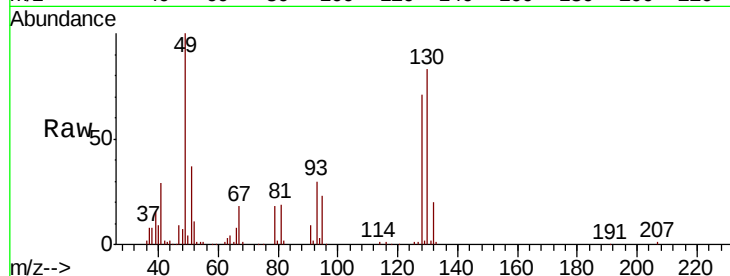
Tot Ion:128 Resp: 53045

Ion Ratio Lower Upper

128 100

49 146.1 0.0 358.8

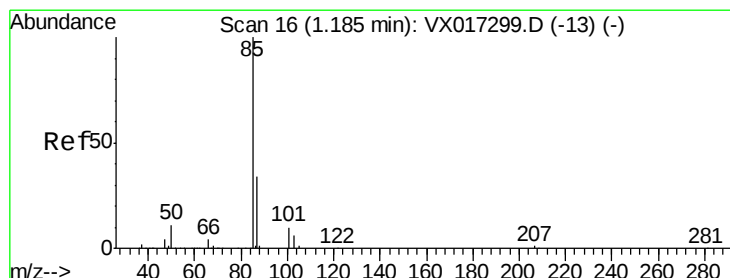
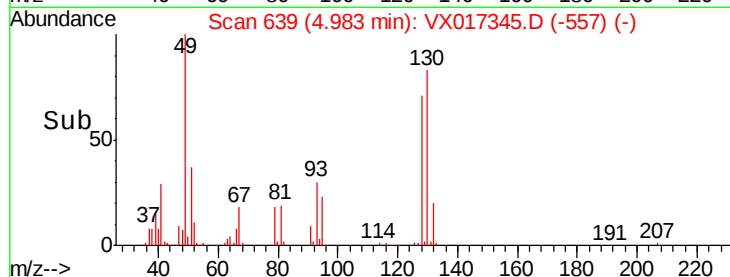
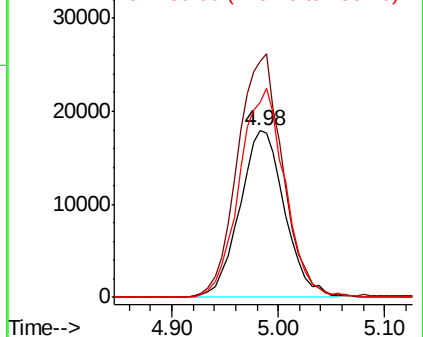
130 125.8 0.0 323.8



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: 19.068 ug/l

RT: 1.18 min Scan# 16

Delta R.T. -0.00 min

Lab File: VX017345.D

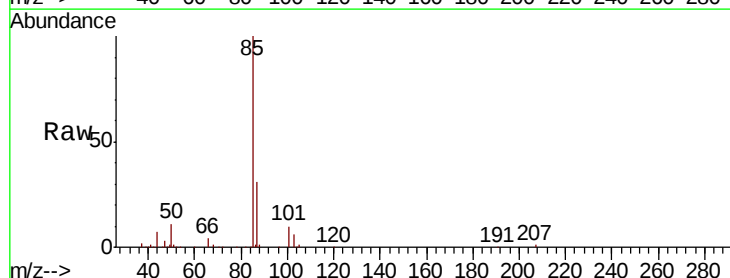
Acq: 10 Jul 2020 18:58

Tgt Ion: 85 Resp: 44214

Ion Ratio Lower Upper

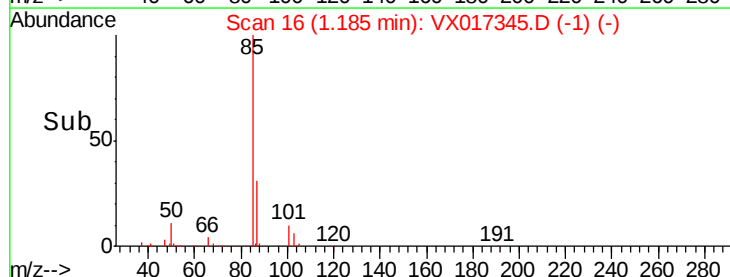
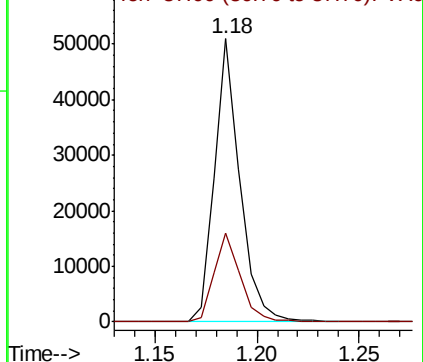
85 100

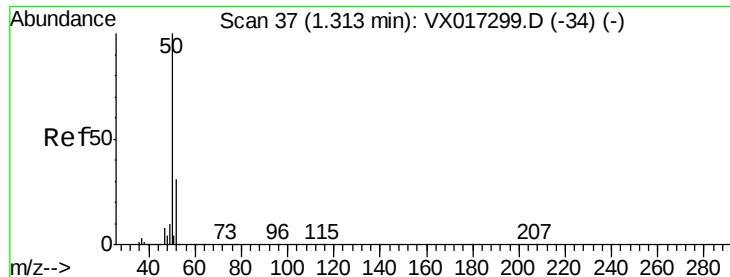
87 31.4 16.9 50.6



Abundance Ion 85.00 (84.70 to 85.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

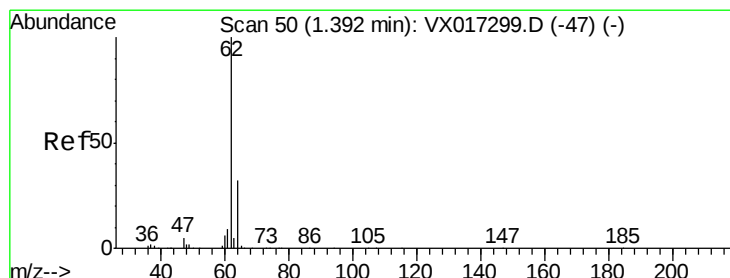
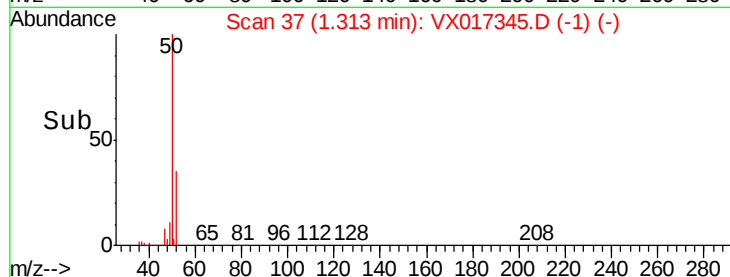
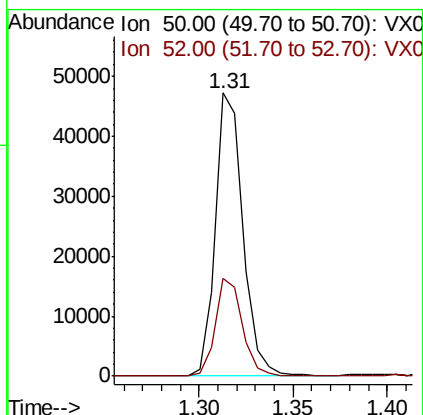
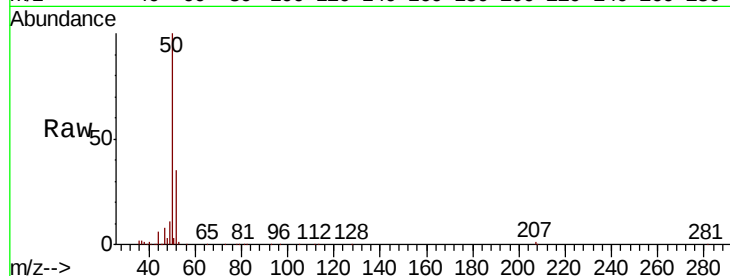




#3
Chloromethane
Concen: 19.390 ug/l
RT: 1.31 min Scan# 37
Delta R.T. -0.00 min
Lab File: VX017345.D
Acq: 10 Jul 2020 18:58

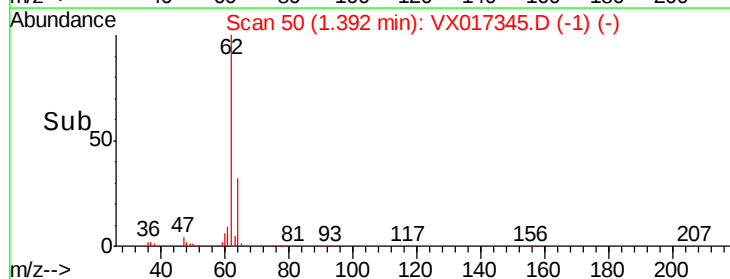
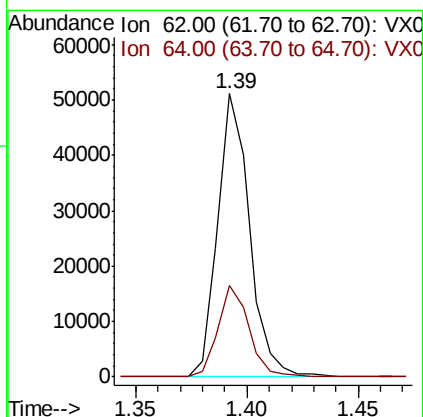
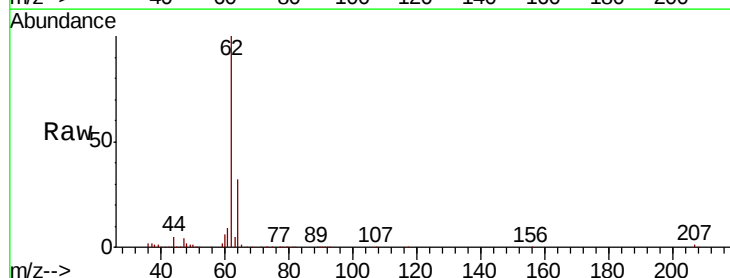
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

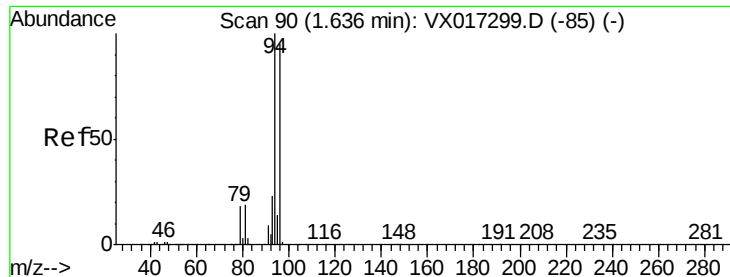
Tot Ion: 50 Resp: 47900
Ion Ratio Lower Upper
50 100
52 34.6 24.8 37.2



#4
Vinyl Chloride
Concen: 19.529 ug/l
RT: 1.39 min Scan# 50
Delta R.T. -0.00 min
Lab File: VX017345.D
Acq: 10 Jul 2020 18:58

Tgt Ion: 62 Resp: 49710
Ion Ratio Lower Upper
62 100
64 32.6 25.3 37.9





#5

Bromomethane

Concen: 21.024 ug/l

RT: 1.63 min Scan# 89

Delta R.T. -0.01 min

Lab File: VX017345.D

Acq: 10 Jul 2020 18:58

Instrument :

MSVOA_X

ClientSampleId :

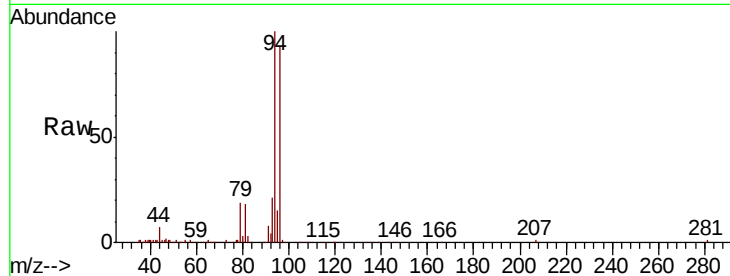
VSTDCCC020EC

Tot Ion: 94 Resp: 35670

Ion Ratio Lower Upper

94 100

96 93.0 75.7 113.5



Abundance Ion 94.00 (93.70 to 94.70): VX0

Ion 96.00 (95.70 to 96.70): VX0

1.63

30000

25000

20000

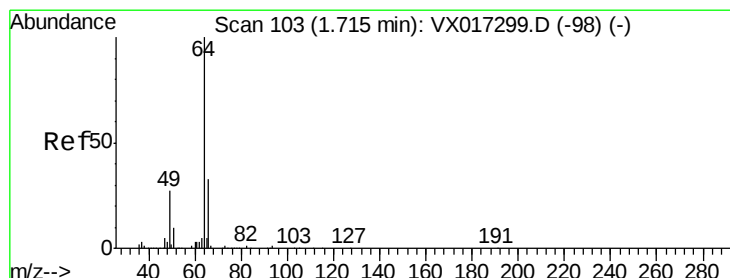
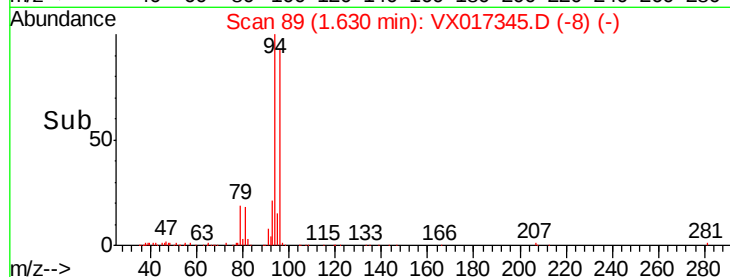
15000

10000

5000

0

Time-->



#6

Chloroethane

Concen: 18.667 ug/l

RT: 1.72 min Scan# 103

Delta R.T. -0.00 min

Lab File: VX017345.D

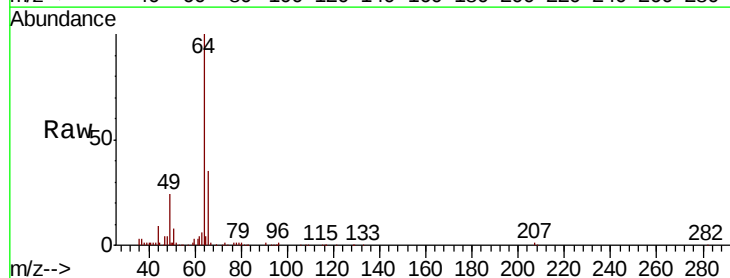
Acq: 10 Jul 2020 18:58

Tgt Ion: 64 Resp: 31418

Ion Ratio Lower Upper

64 100

66 34.6 26.1 39.1



Abundance Ion 64.00 (63.70 to 64.70): VX0

Ion 66.00 (65.70 to 66.70): VX0

30000

25000

20000

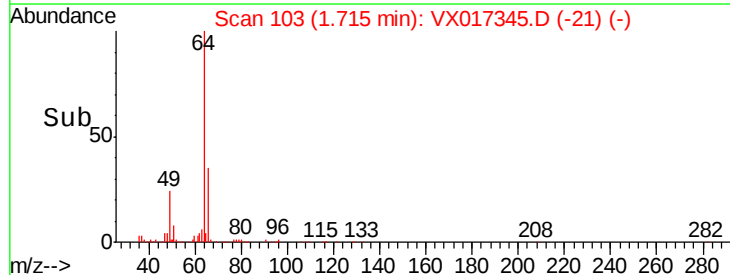
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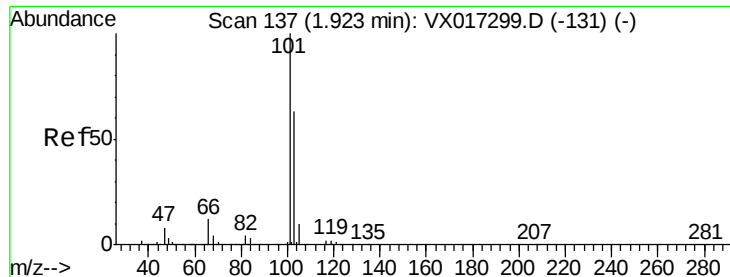
10000

5000

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Time-->



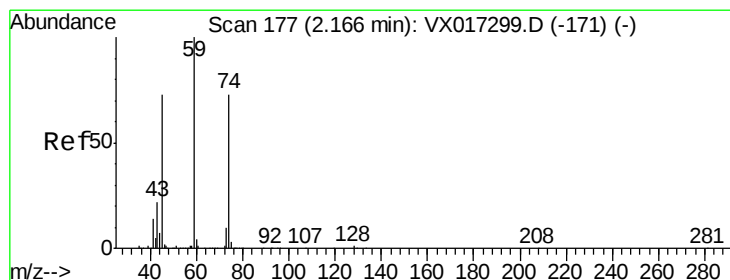
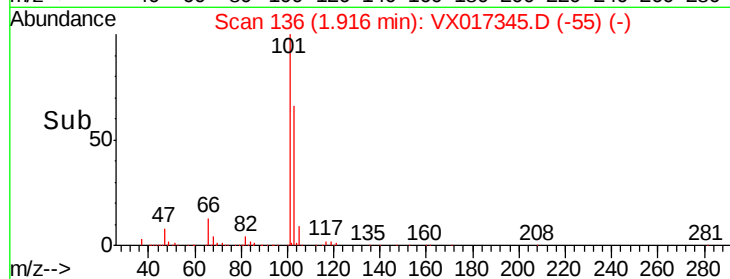
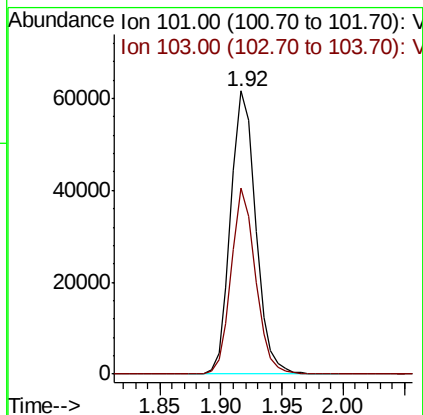
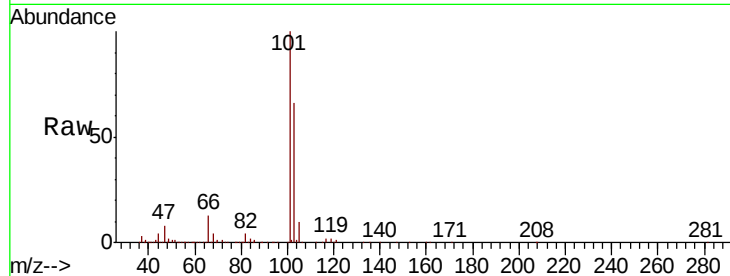


#7

Trichlorofluoromethane
 Concen: 19.335 ug/l
 RT: 1.92 min Scan# 136
 Delta R.T. -0.01 min
 Lab File: VX017345.D
 Acq: 10 Jul 2020 18:58

Instrument :
 MSVOA_X
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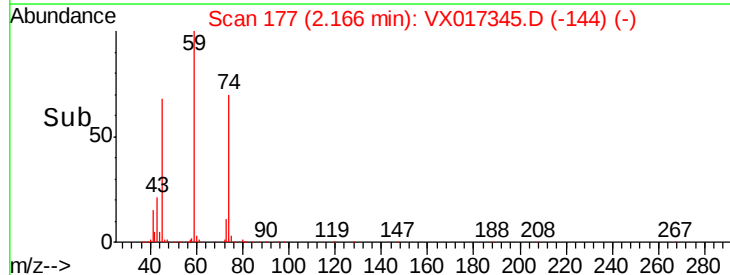
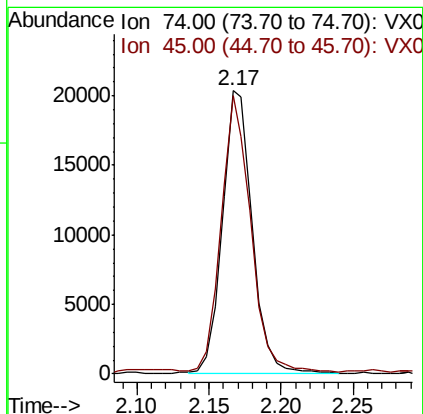
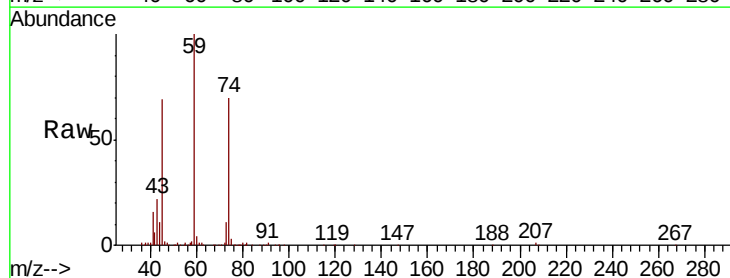
Tot Ion:101 Resp: 87428
 Ion Ratio Lower Upper
 101 100
 103 65.6 50.1 75.1

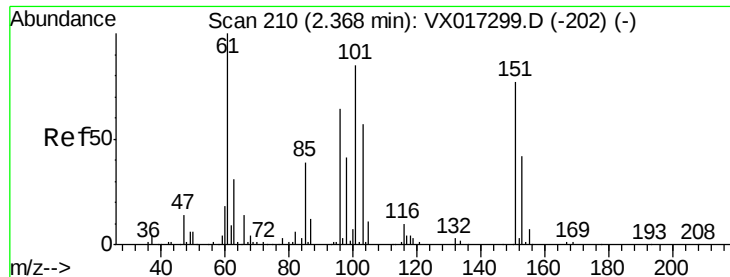


#8

Diethyl Ether
 Concen: 18.569 ug/l
 RT: 2.17 min Scan# 177
 Delta R.T. -0.00 min
 Lab File: VX017345.D
 Acq: 10 Jul 2020 18:58

Tgt Ion: 74 Resp: 29788
 Ion Ratio Lower Upper
 74 100
 45 97.1 18.9 170.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.919 ug/l

RT: 2.37 min Scan# 210

Delta R.T. -0.00 min

Lab File: VX017345.D

Acq: 10 Jul 2020 18:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

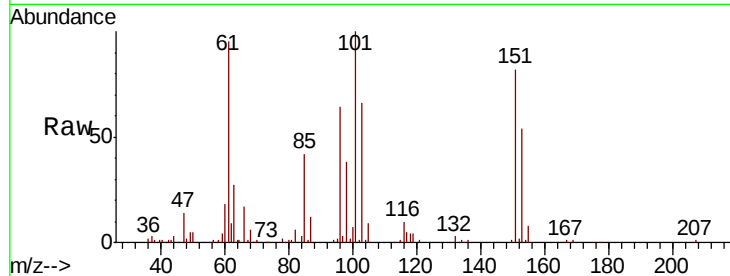
Tot Ion:101 Resp: 49248

Ion Ratio Lower Upper

101 100

85 42.5 0.0 87.8

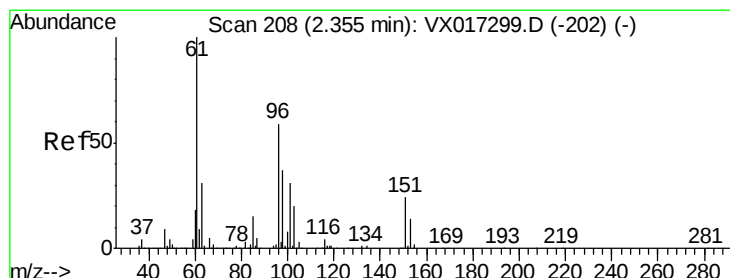
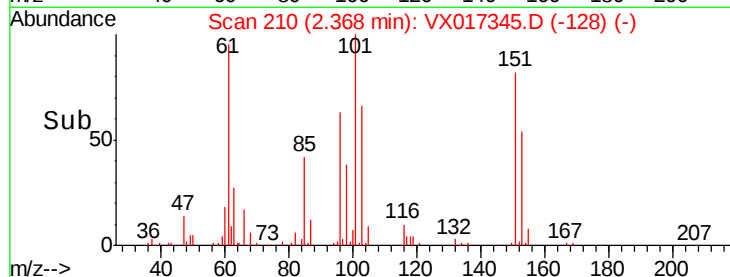
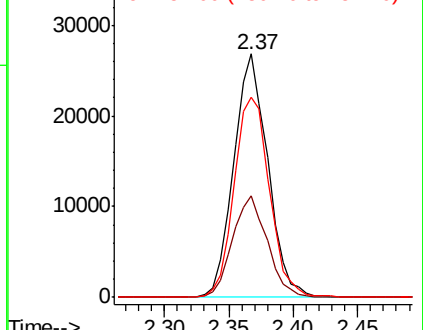
151 85.4 0.0 170.2



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: 19.669 ug/l

RT: 2.36 min Scan# 208

Delta R.T. -0.00 min

Lab File: VX017345.D

Acq: 10 Jul 2020 18:58

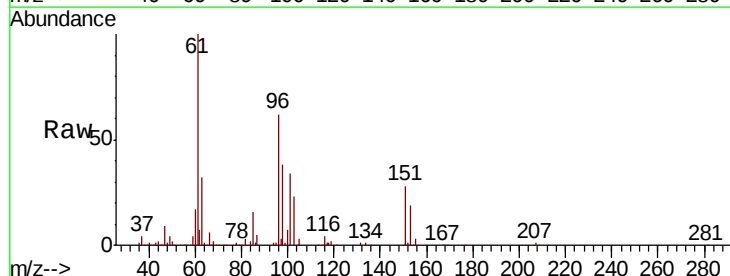
Tgt Ion: 96 Resp: 47944

Ion Ratio Lower Upper

96 100

61 160.5 137.0 205.4

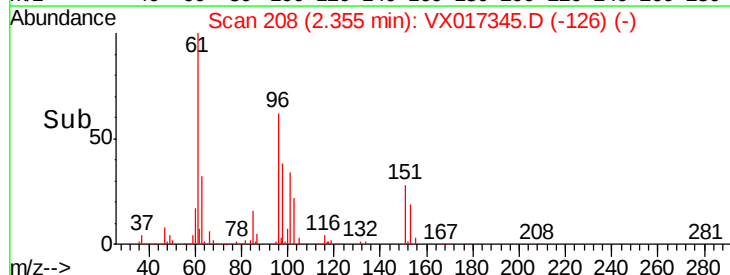
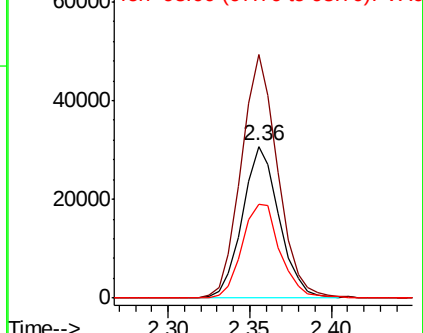
98 61.7 51.1 76.7

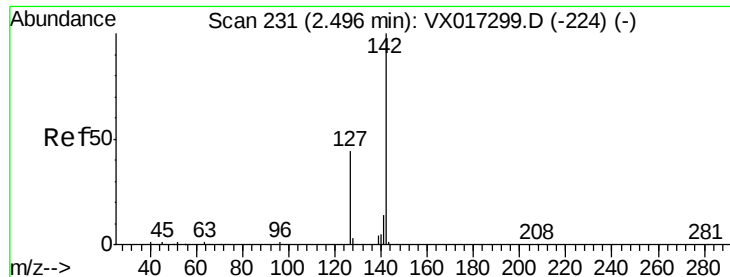


Abundance Ion 96.00 (95.70 to 96.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 98.00 (97.70 to 98.70): VX0

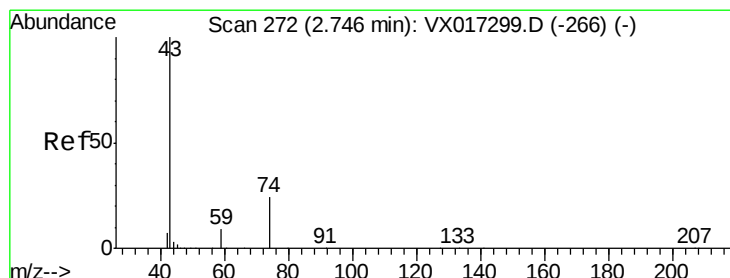
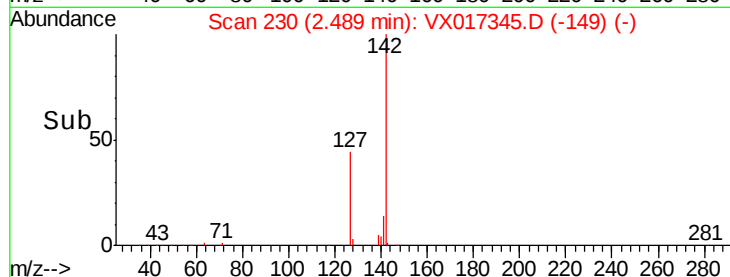
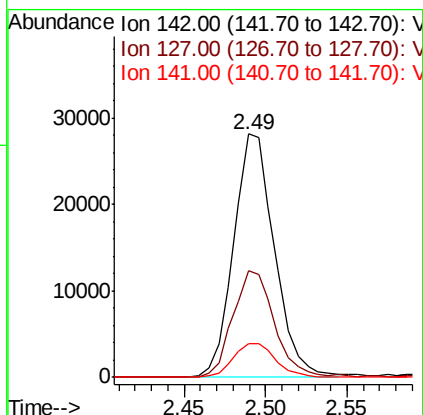
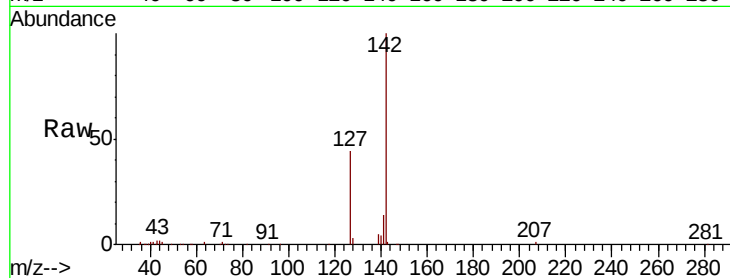




#11
Methvl Iodide
Concen: 17.150 ug/l
RT: 2.49 min Scan# 230
Delta R.T. -0.01 min
Lab File: VX017345.D
Acq: 10 Jul 2020 18:58

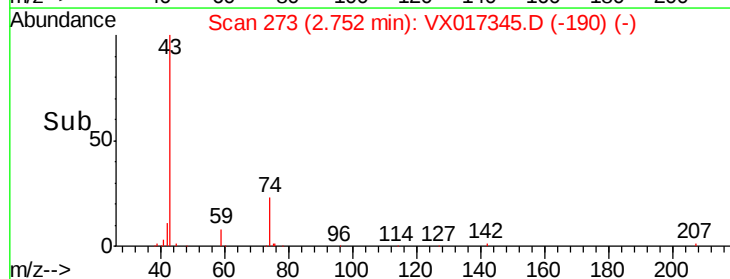
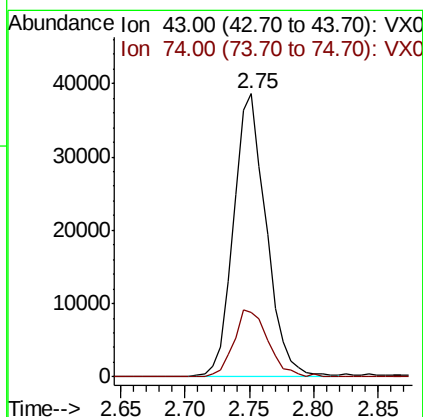
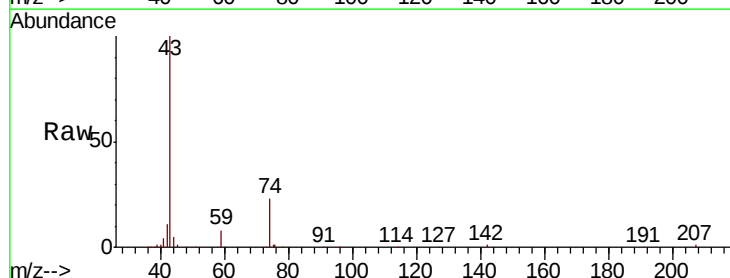
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

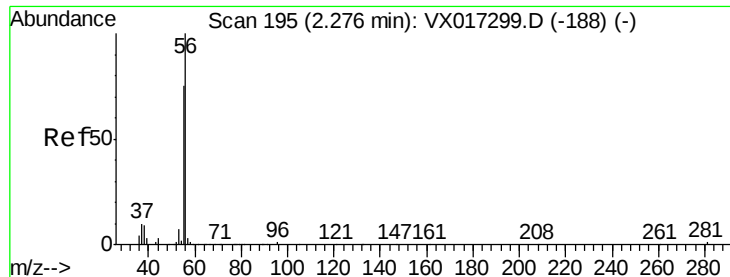
Tot Ion:142 Resp: 49226
Ion Ratio Lower Upper
142 100
127 43.4 21.9 65.7
141 14.0 7.0 21.1



#12
Methyl Acetate
Concen: 19.895 ug/l
RT: 2.75 min Scan# 273
Delta R.T. 0.01 min
Lab File: VX017345.D
Acq: 10 Jul 2020 18:58

Tgt Ion: 43 Resp: 67574
Ion Ratio Lower Upper
43 100
74 22.6 18.8 28.2





#13

Acrolein

Concen: 117.141 ug/l

RT: 2.28 min Scan# 195

Delta R.T. -0.00 min

Lab File: VX017345.D

Acq: 10 Jul 2020 18:58

Instrument :

MSVOA_X

ClientSampleId :

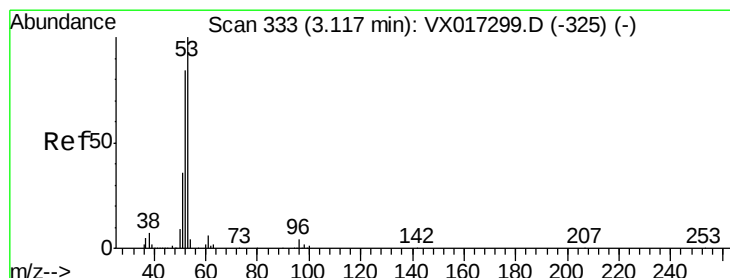
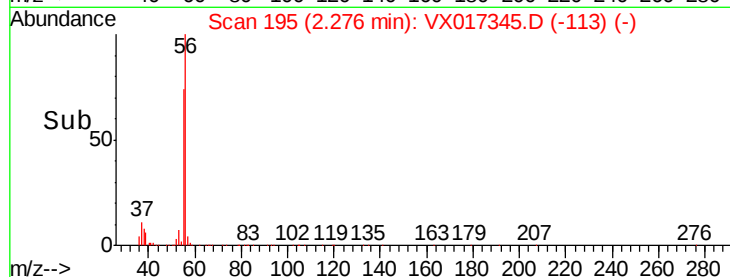
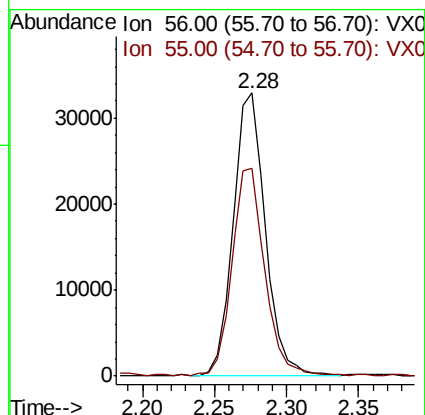
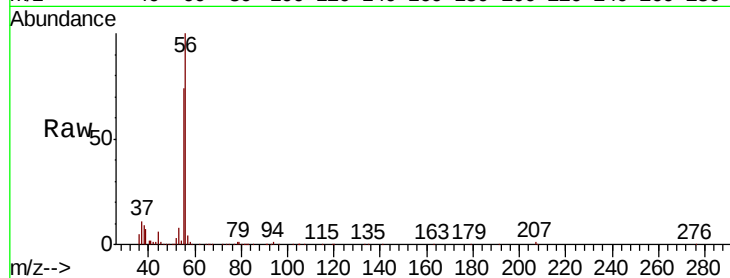
VSTDCCC020EC

Tot Ion: 56 Resp: 51451

Ion Ratio Lower Upper

56 100

55 75.7 58.5 87.7



#14

Acrylonitrile

Concen: 95.782 ug/l

RT: 3.12 min Scan# 333

Delta R.T. -0.00 min

Lab File: VX017345.D

Acq: 10 Jul 2020 18:58

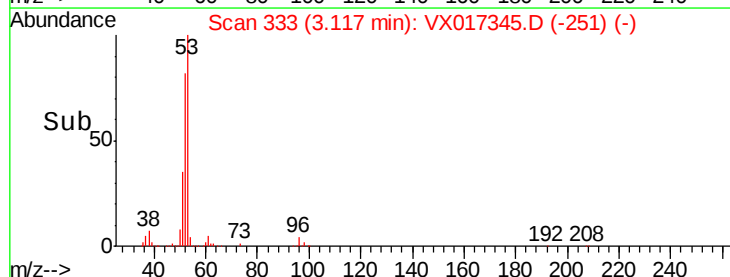
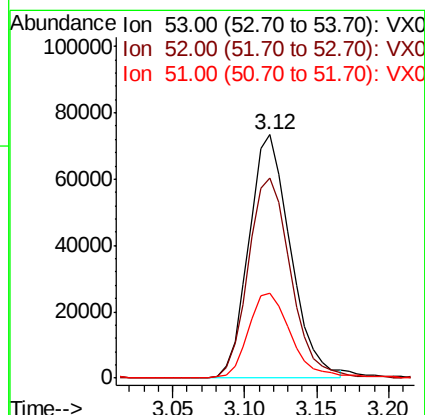
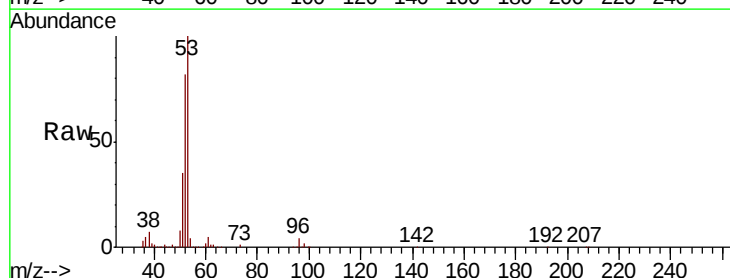
Tgt Ion: 53 Resp: 146782

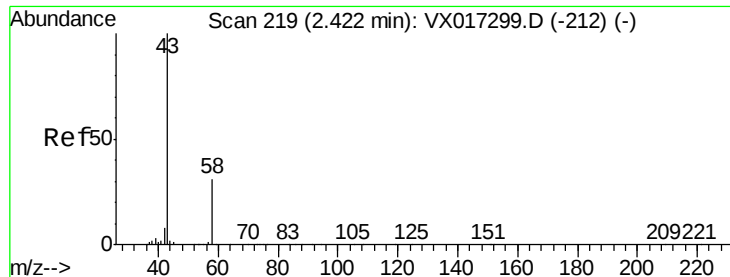
Ion Ratio Lower Upper

53 100

52 84.2 41.3 123.9

51 36.1 18.1 54.1





#15

Acetone

Concen: 100.527 ug/l

RT: 2.42 min Scan# 218

Delta R.T. -0.01 min

Lab File: VX017345.D

Acq: 10 Jul 2020 18:58

Instrument :

MSVOA_X

ClientSampleId :

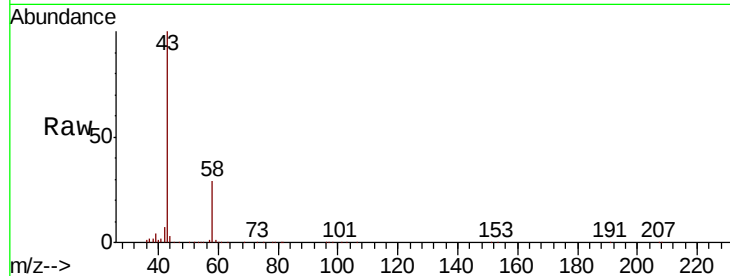
VSTDCCC020EC

Tot Ion: 58 Resp: 38852

Ion Ratio Lower Upper

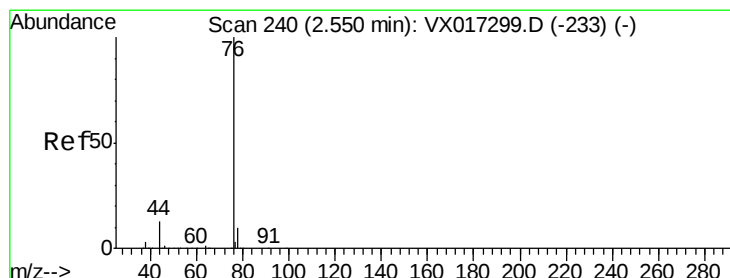
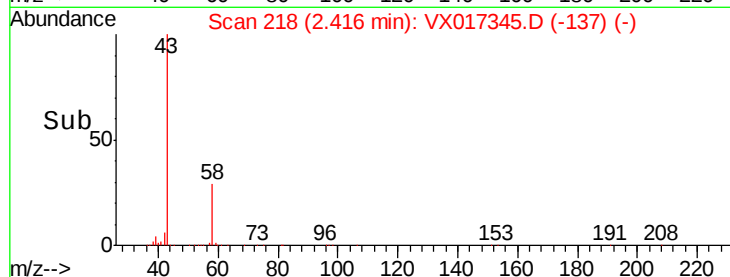
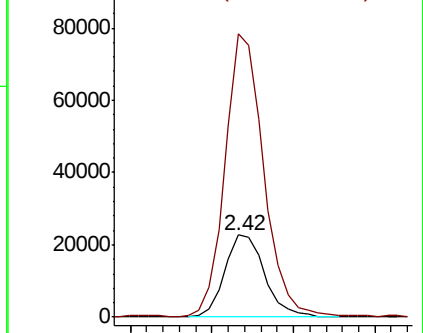
58 100

43 346.0 255.0 382.4



Abundance Ion 58.00 (57.70 to 58.70): VX0

Ion 43.00 (42.70 to 43.70): VX0



#16

Carbon Disulfide

Concen: 19.632 ug/l

RT: 2.55 min Scan# 240

Delta R.T. -0.00 min

Lab File: VX017345.D

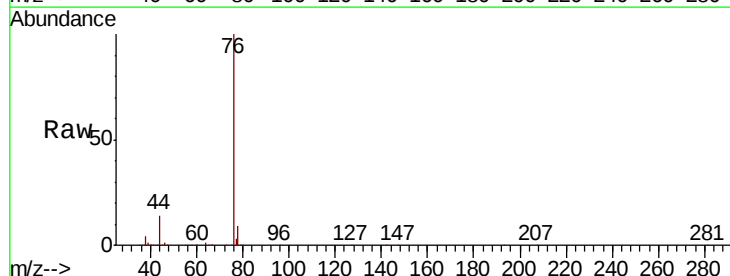
Acq: 10 Jul 2020 18:58

Tgt Ion: 76 Resp: 129798

Ion Ratio Lower Upper

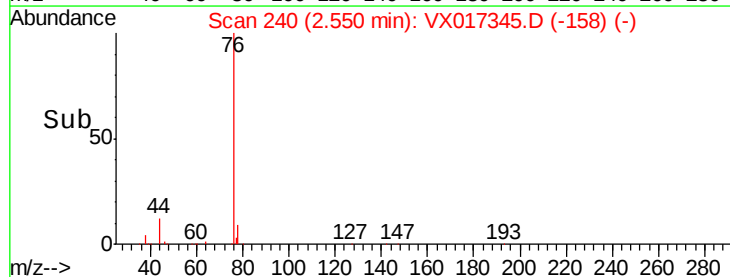
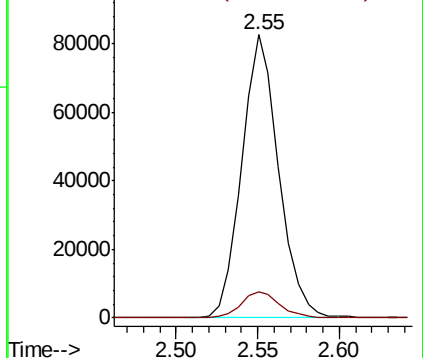
76 100

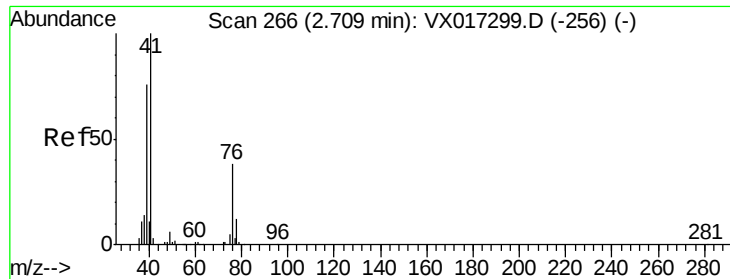
78 9.2 7.9 11.9



Abundance Ion 76.00 (75.70 to 76.70): VX0

Ion 78.00 (77.70 to 78.70): VX0

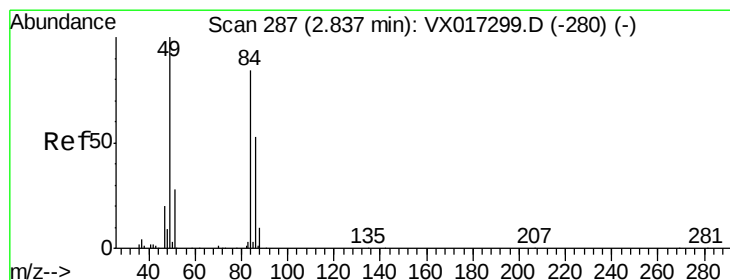
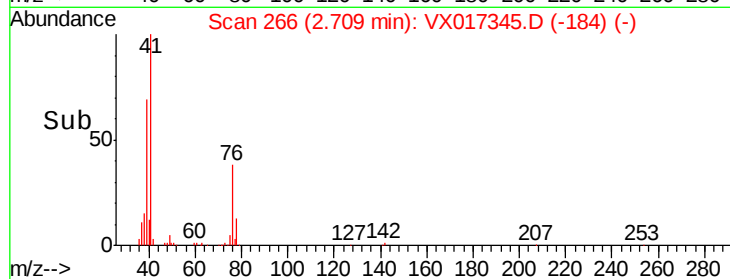
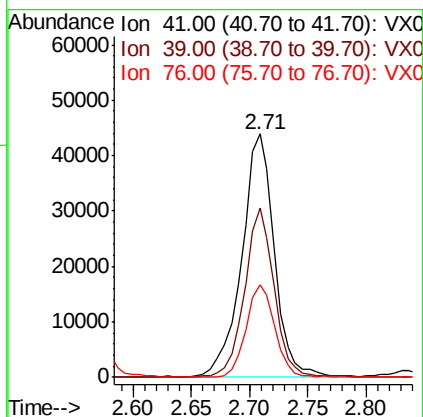
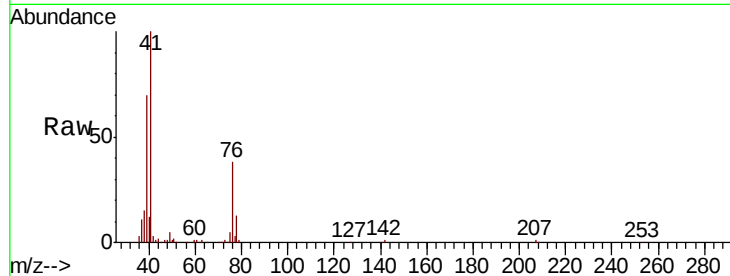




#17
Allvl chloride
Concen: 18.831 ug/l
RT: 2.71 min Scan# 266
Delta R.T. -0.00 min
Lab File: VX017345.D
Acq: 10 Jul 2020 18:58

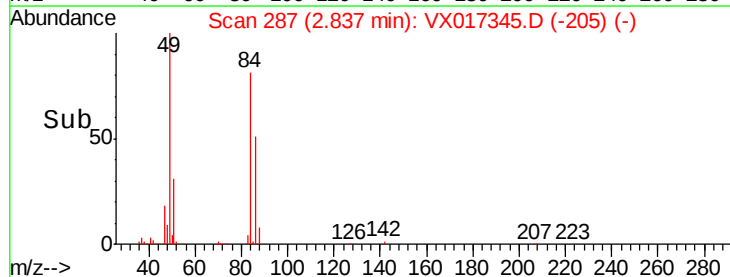
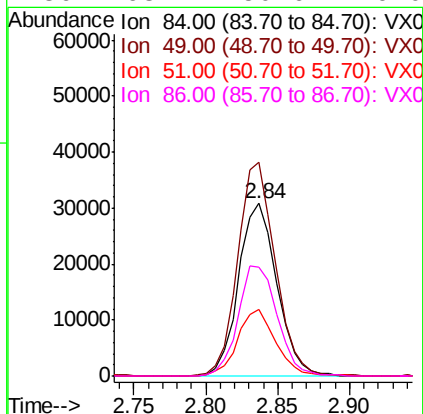
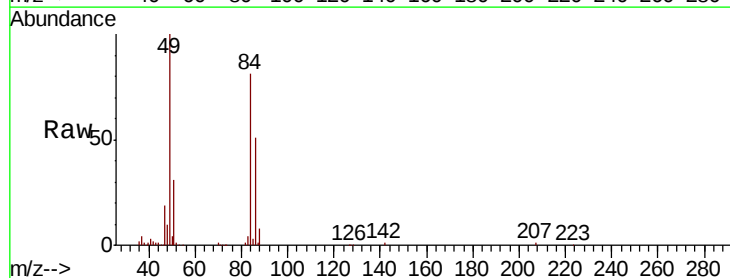
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

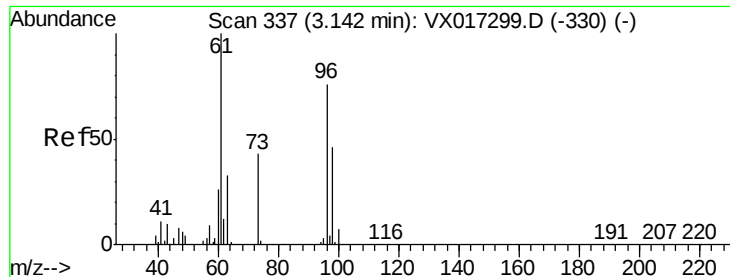
Tot Ion: 41 Resp: 85396
Ion Ratio Lower Upper
41 100
39 69.5 38.1 114.5
76 38.1 18.8 56.4



#18
Methylene Chloride
Concen: 18.981 ug/l
RT: 2.84 min Scan# 287
Delta R.T. -0.00 min
Lab File: VX017345.D
Acq: 10 Jul 2020 18:58

Tgt Ion: 84 Resp: 56988
Ion Ratio Lower Upper
84 100
49 123.5 95.7 143.5
51 38.6 27.2 40.8
86 63.1 50.6 76.0

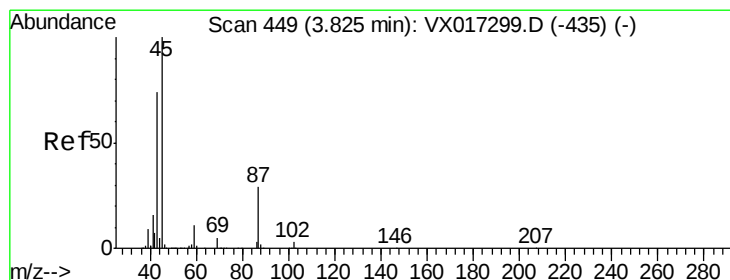
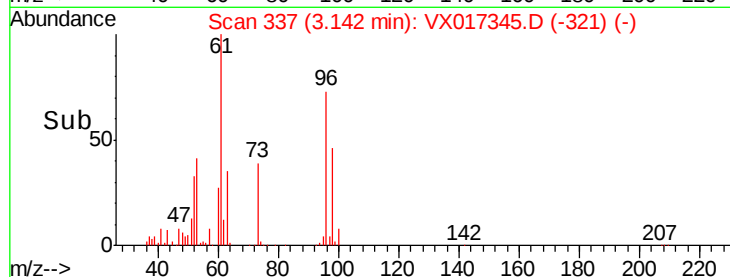
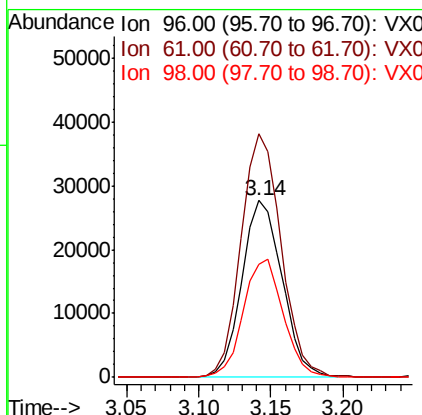
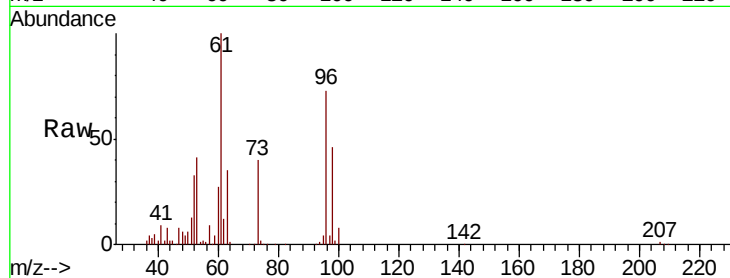




#19
trans-1,2-Dichloroethene
Concen: 18.740 ug/l
RT: 3.14 min Scan# 337
Delta R.T. -0.00 min
Lab File: VX017345.D
Acq: 10 Jul 2020 18:58

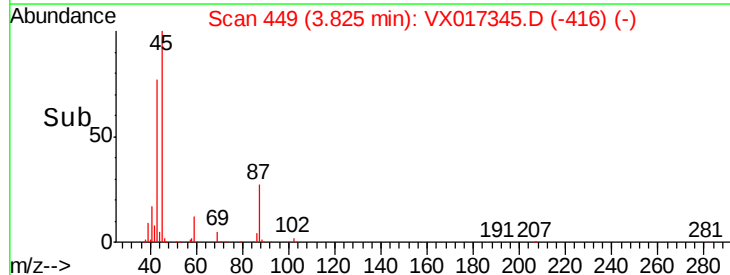
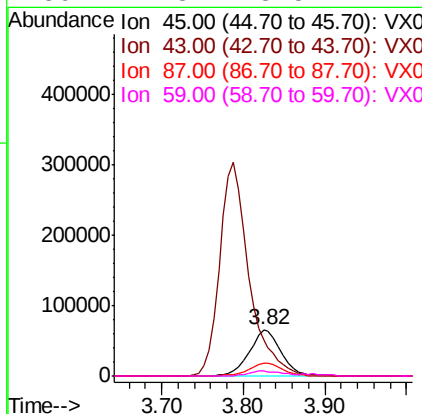
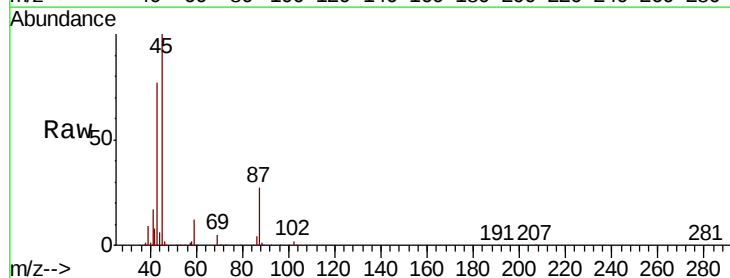
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

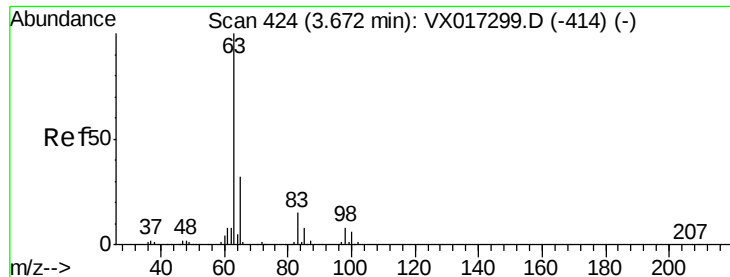
Tot Ion: 96 Resp: 53409
Ion Ratio Lower Upper
96 100
61 137.7 105.0 157.6
98 63.8 48.6 73.0



#20
Diisopropyl ether
Concen: 19.496 ug/l
RT: 3.82 min Scan# 449
Delta R.T. -0.00 min
Lab File: VX017345.D
Acq: 10 Jul 2020 18:58

Tgt Ion: 45 Resp: 176761
Ion Ratio Lower Upper
45 100
43 76.0 59.5 89.3
87 26.6 23.2 34.8
59 11.8 8.5 12.7

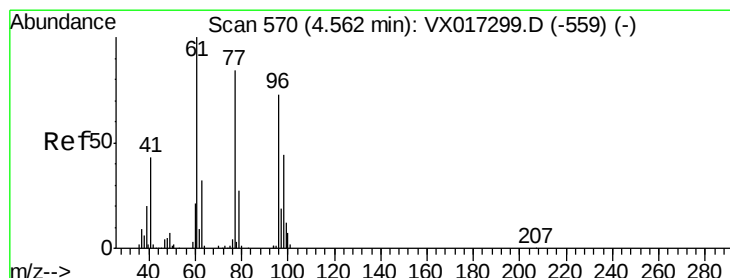
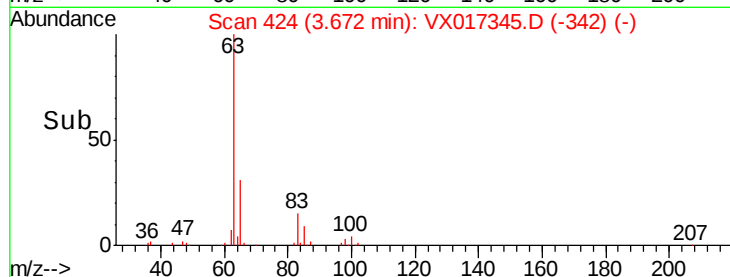
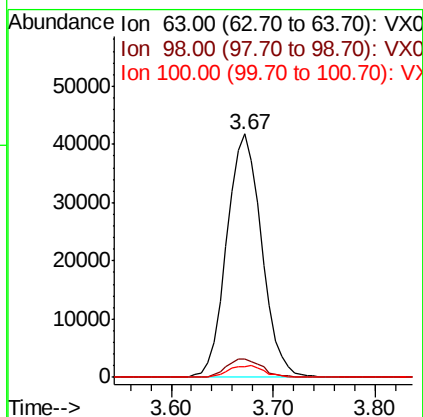
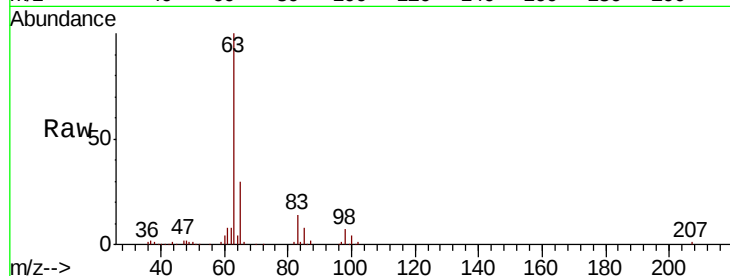




#21
 1,1-Dichloroethane
 Concen: 19.486 ug/l
 RT: 3.67 min Scan# 424
 Delta R.T. -0.00 min
 Lab File: VX017345.D
 Acq: 10 Jul 2020 18:58

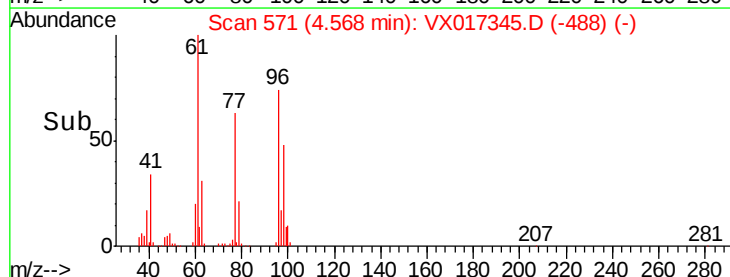
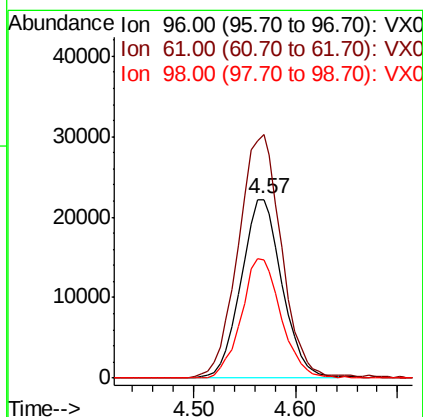
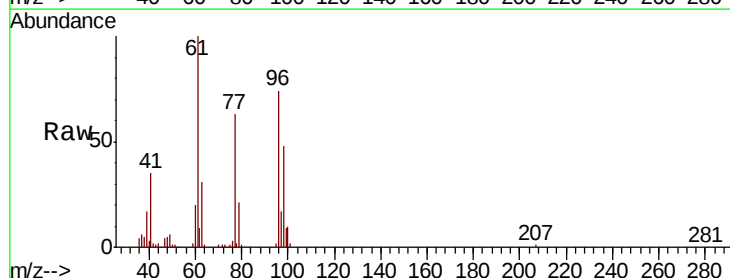
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

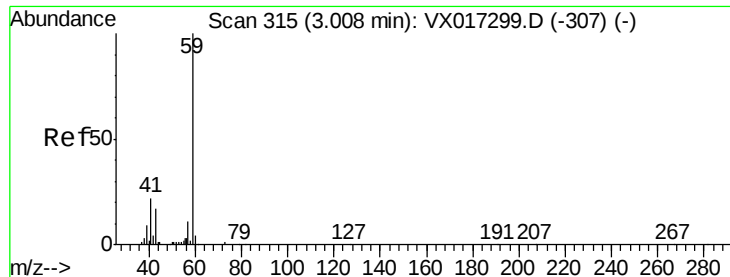
Tot Ion:	63	Resp:	99025
Ion	Ratio	Lower	Upper
63	100		
98	7.4	4.2	12.4
100	4.5	2.8	8.3



#22
 cis-1,2-Dichloroethene
 Concen: 19.023 ug/l
 RT: 4.57 min Scan# 571
 Delta R.T. 0.01 min
 Lab File: VX017345.D
 Acq: 10 Jul 2020 18:58

Tgt Ion:	96	Resp:	61853
Ion	Ratio	Lower	Upper
96	100		
61	143.5	111.7	167.5
98	64.6	50.9	76.3



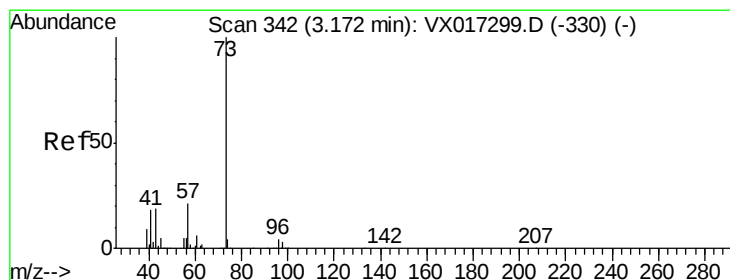
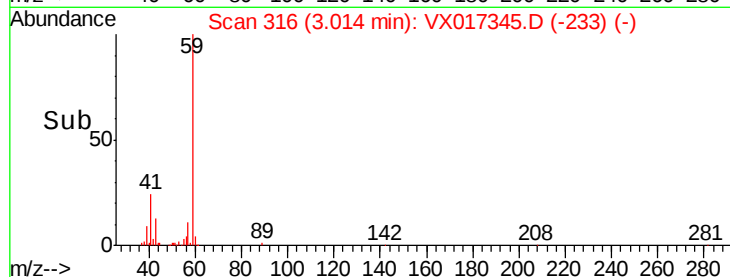
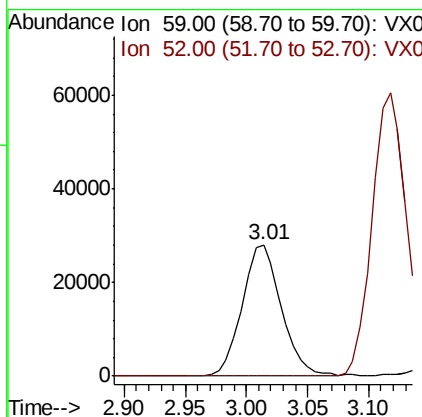
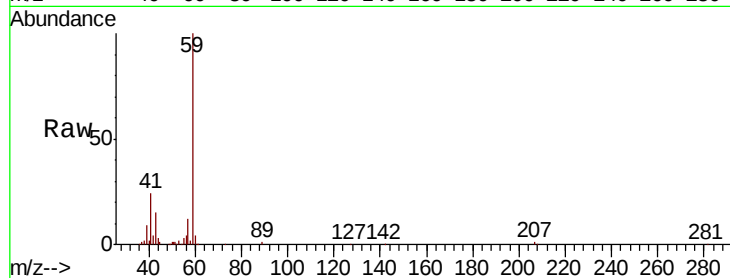


#23

tert-Butyl Alcohol
 Concen: 99.078 ug/l
 RT: 3.01 min Scan# 316
 Delta R.T. 0.01 min
 Lab File: VX017345.D
 Acq: 10 Jul 2020 18:58

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

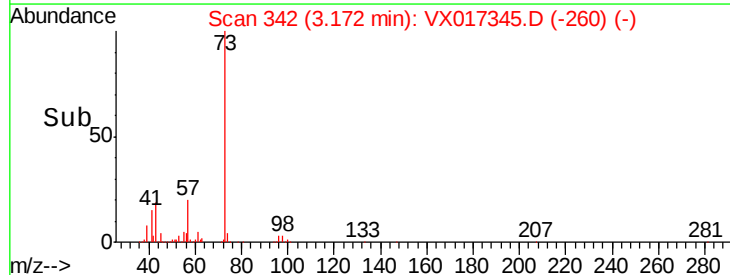
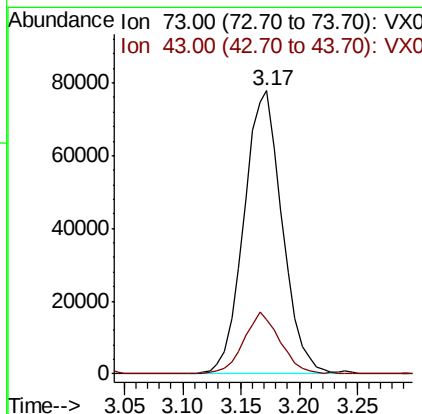
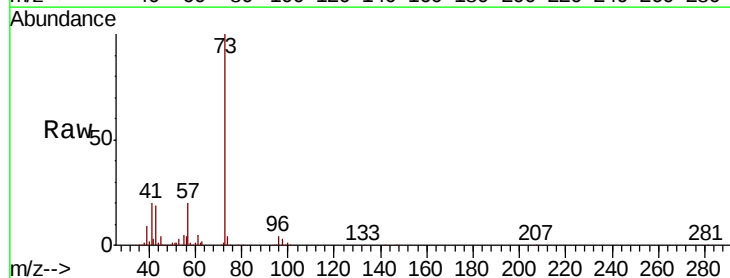
Tot Ion: 59 Resp: 62652
 Ion Ratio Lower Upper
 59 100
 52 0.1 0.4 0.6#

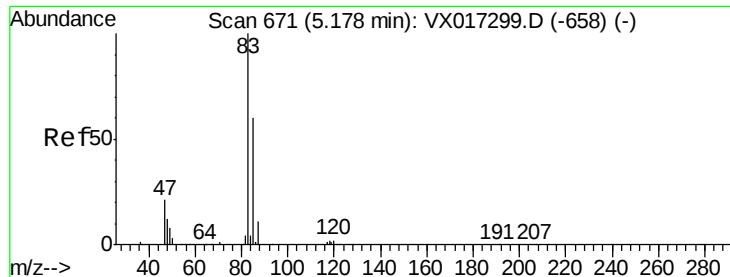


#24

Methyl tert-Butyl Ether
 Concen: 19.125 ug/l
 RT: 3.17 min Scan# 342
 Delta R.T. -0.00 min
 Lab File: VX017345.D
 Acq: 10 Jul 2020 18:58

Tgt Ion: 73 Resp: 177977
 Ion Ratio Lower Upper
 73 100
 43 20.9 16.3 24.5





#25

Chloroform

Concen: 19.580 ug/l

RT: 5.18 min Scan# 671

Delta R.T. -0.00 min

Lab File: VX017345.D

Acq: 10 Jul 2020 18:58

Instrument :

MSVOA_X

ClientSampleId :

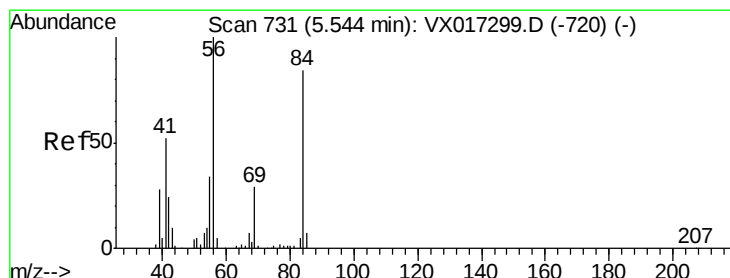
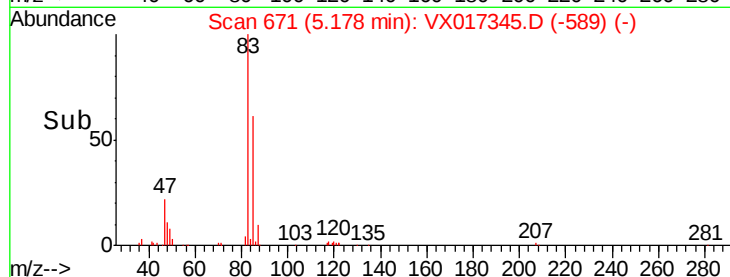
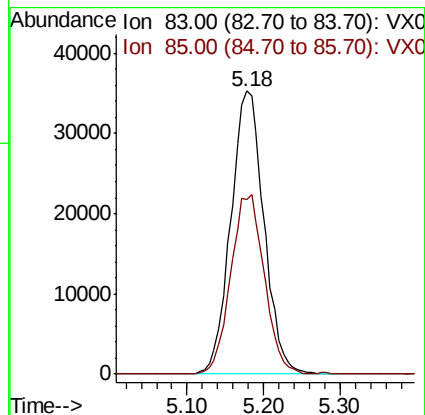
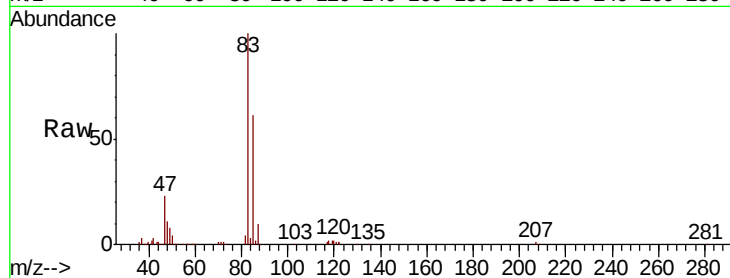
VSTDCCC020EC

Tot Ion: 83 Resp: 106017

Ion Ratio Lower Upper

83 100

85 61.5 47.8 71.8



#26

Cyclohexane

Concen: 20.081 ug/l

RT: 5.55 min Scan# 732

Delta R.T. 0.01 min

Lab File: VX017345.D

Acq: 10 Jul 2020 18:58

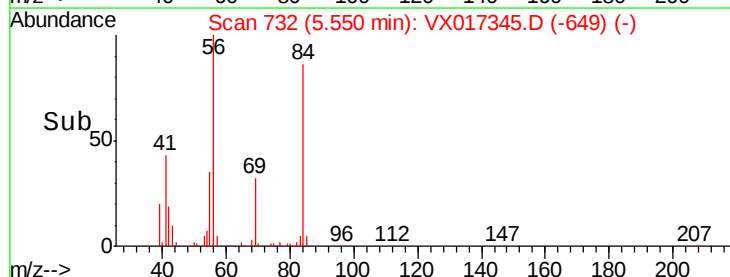
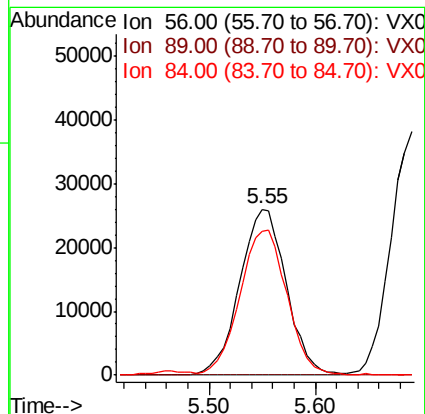
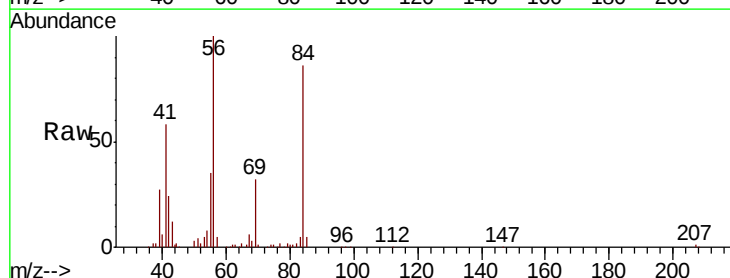
Tgt Ion: 56 Resp: 79503

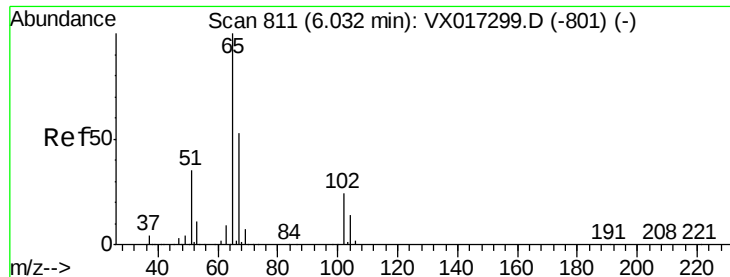
Ion Ratio Lower Upper

56 100

89 0.0 0.0 0.0

84 88.6 71.5 107.3





#27

1,2-Dichloroethane-d4

Concen: 30.240 ug/l

RT: 6.03 min Scan# 811

Delta R.T. -0.00 min

Lab File: VX017345.D

Acq: 10 Jul 2020 18:58

Instrument :

MSVOA_X

ClientSampleId :

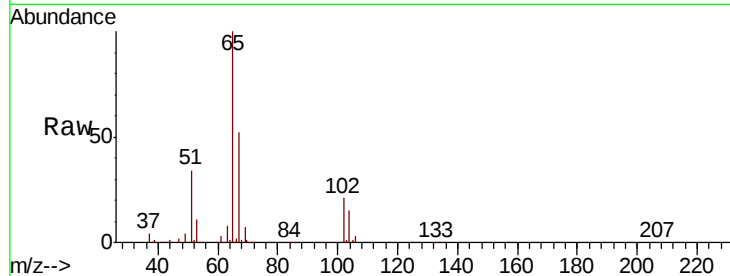
VSTDCCC020EC

Tot Ion: 65 Resp: 115288

Ion Ratio Lower Upper

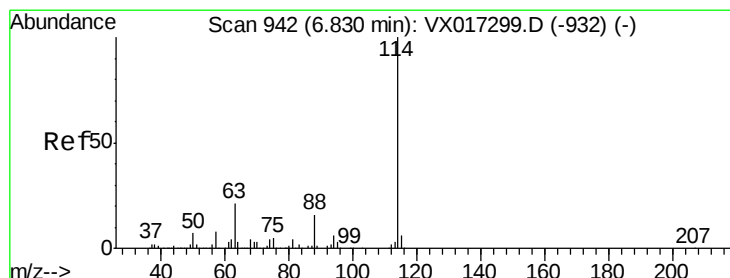
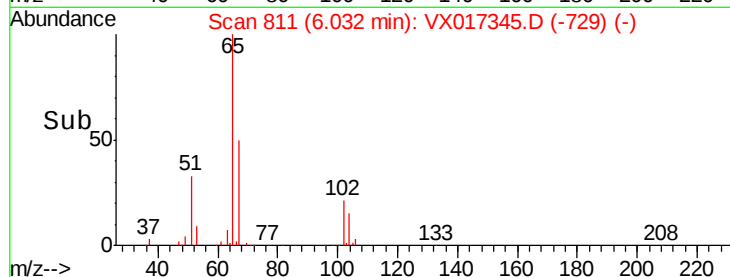
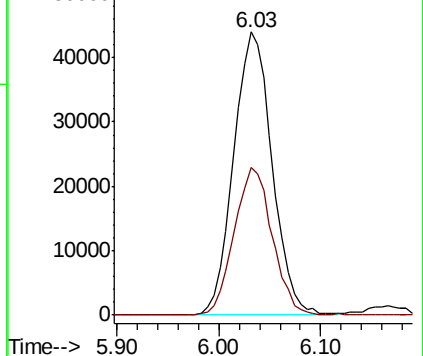
65 100

67 51.6 41.0 61.6



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: VX017345.D

Acq: 10 Jul 2020 18:58

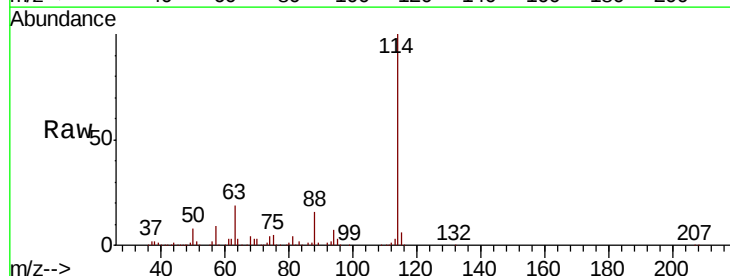
Tgt Ion: 114 Resp: 280089

Ion Ratio Lower Upper

114 100

63 20.2 15.9 23.9

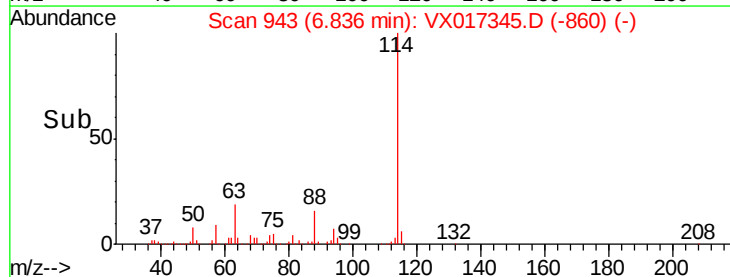
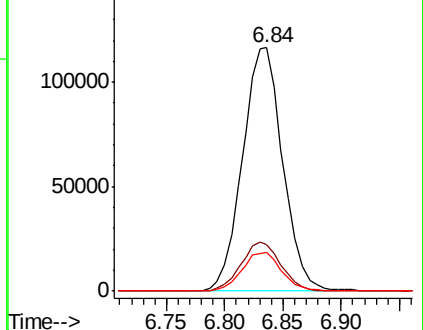
88 15.8 12.4 18.6

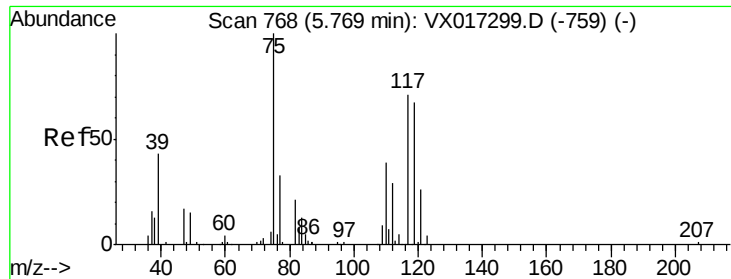


Abundance Ion 114.00 (113.70 to 114.70): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 88.00 (87.70 to 88.70): VX0

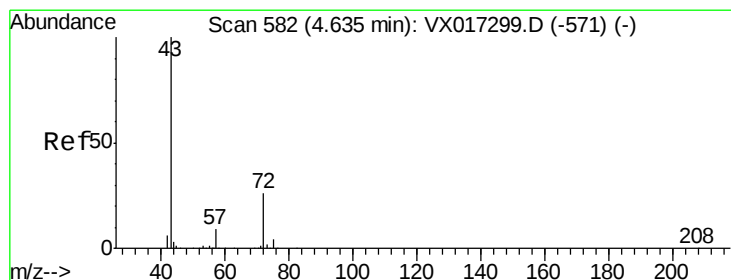
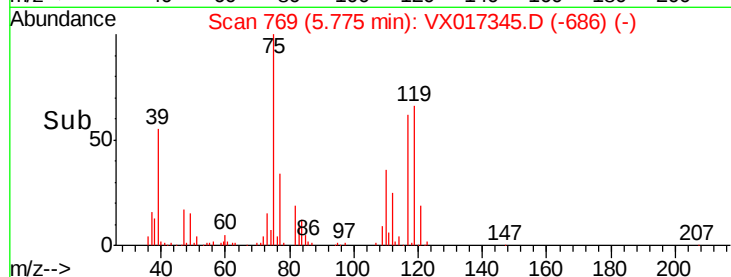
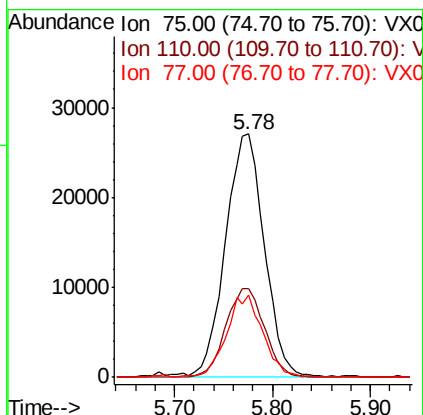
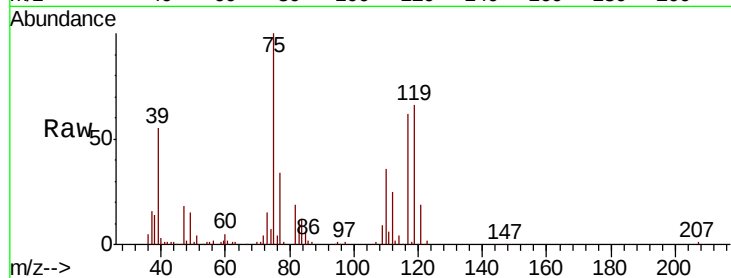




#29
 1,1-Dichloropropene
 Concen: 19.271 ug/l
 RT: 5.78 min Scan# 769
 Delta R.T. 0.01 min
 Lab File: VX017345.D
 Acq: 10 Jul 2020 18:58

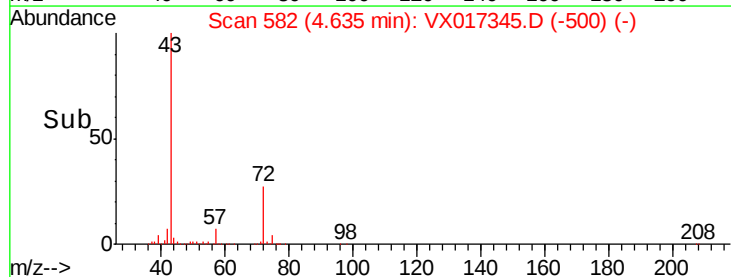
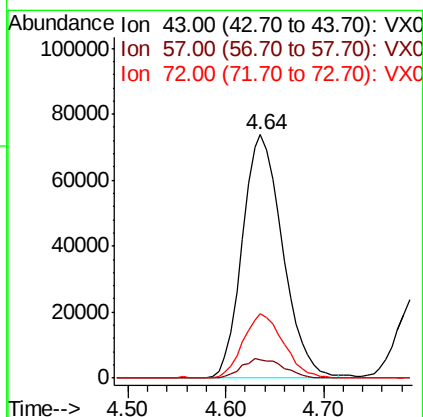
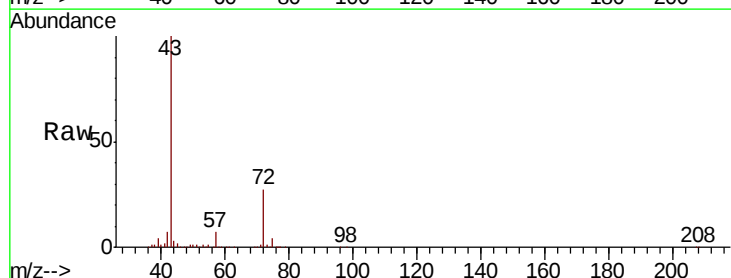
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

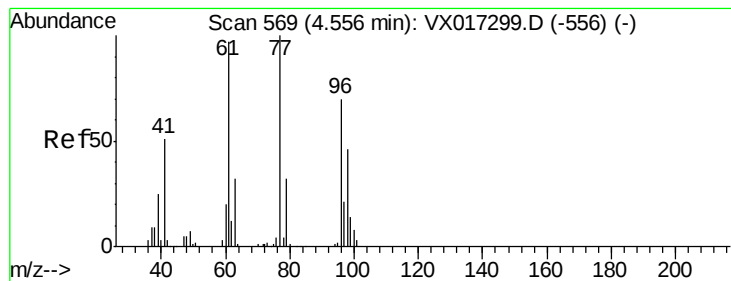
Tot Ion	Ratio	Lower	Upper
75	100		
110	36.3	0.0	75.8
77	31.5	0.0	63.4



#30
 2-Butanone
 Concen: 99.426 ug/l
 RT: 4.64 min Scan# 582
 Delta R.T. -0.00 min
 Lab File: VX017345.D
 Acq: 10 Jul 2020 18:58

Tgt Ion	Ratio	Lower	Upper
43	100		
57	8.2	6.8	10.2
72	26.5	21.0	31.6





#31

2,2-Dichloropropane

Concen: 16.607 ug/l

RT: 4.55 min Scan# 568

Delta R.T. -0.01 min

Lab File: VX017345.D

Acq: 10 Jul 2020 18:58

Instrument :

MSVOA_X

ClientSampleId :

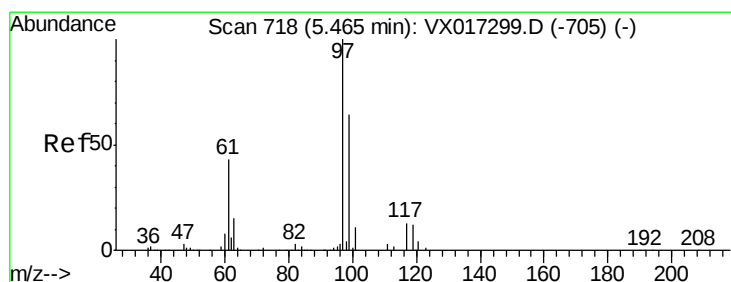
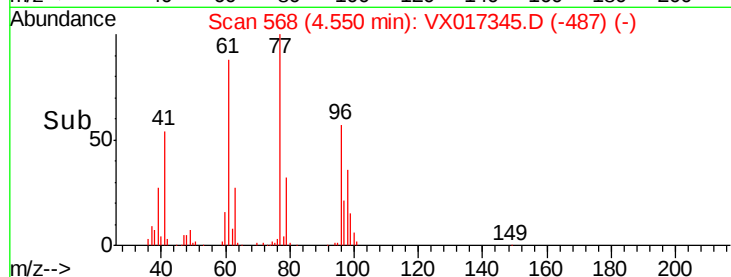
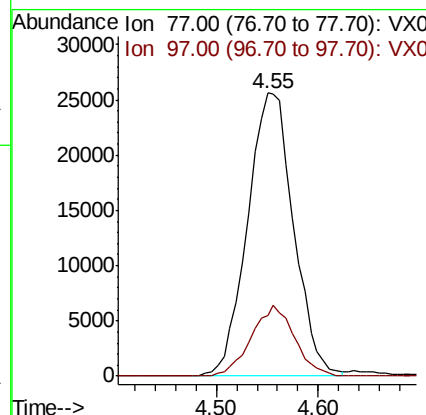
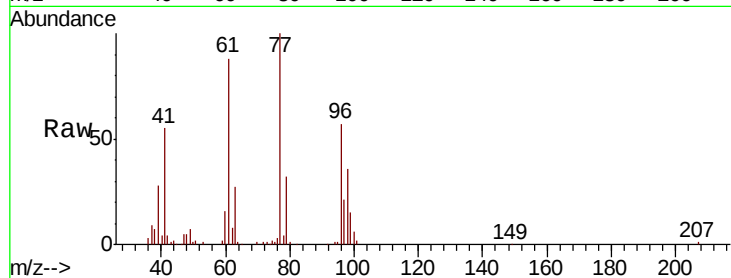
VSTDCCC020EC

Tot Ion: 77 Resp: 80359

Ion Ratio Lower Upper

77 100

97 23.3 18.2 27.2



#32

1,1,1-Trichloroethane

Concen: 19.294 ug/l

RT: 5.46 min Scan# 718

Delta R.T. -0.00 min

Lab File: VX017345.D

Acq: 10 Jul 2020 18:58

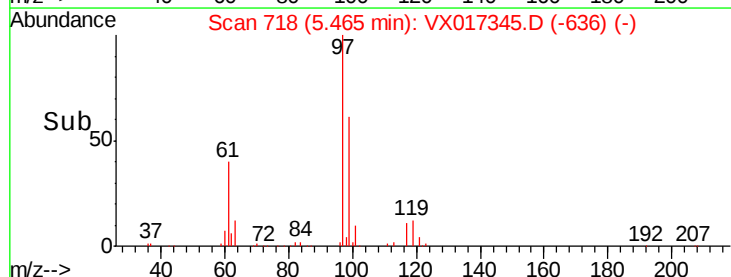
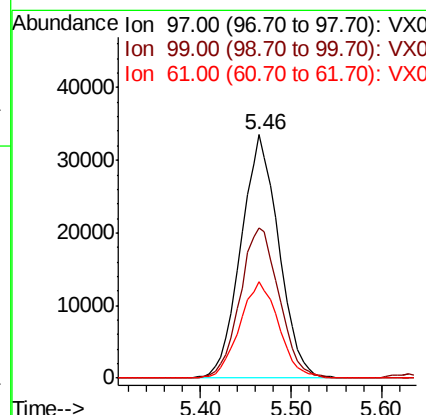
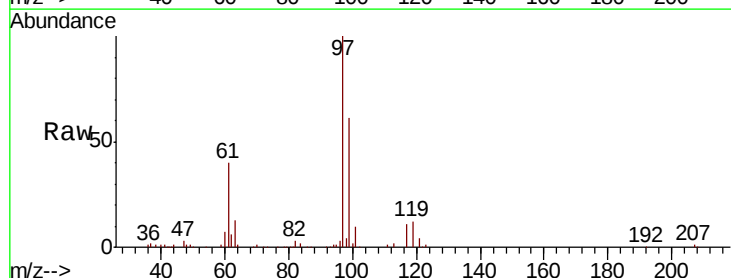
Tgt Ion: 97 Resp: 97020

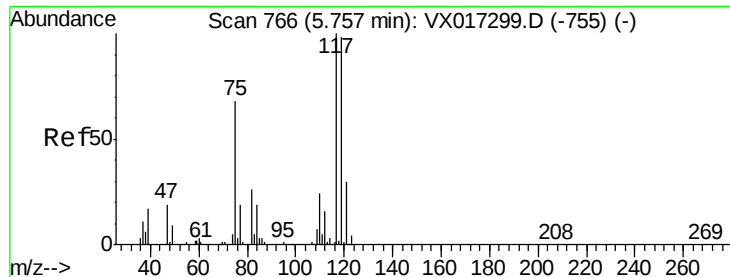
Ion Ratio Lower Upper

97 100

99 63.7 53.2 79.8

61 41.0 34.0 51.0

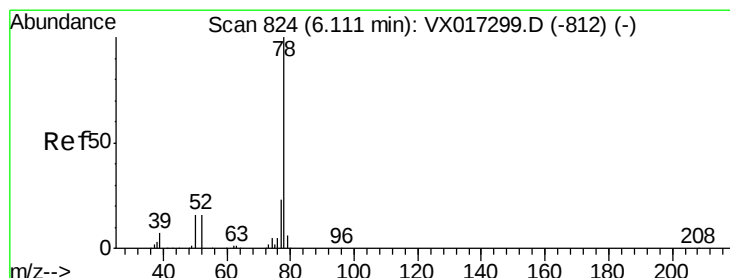
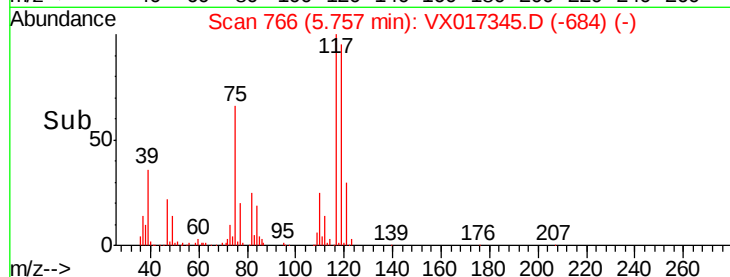
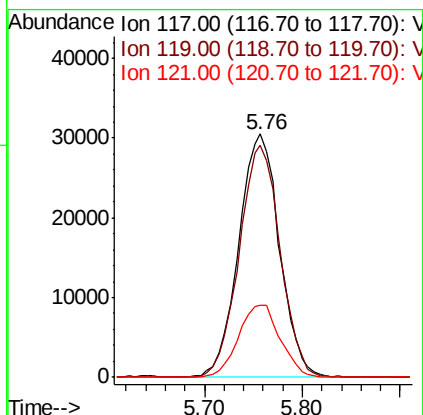
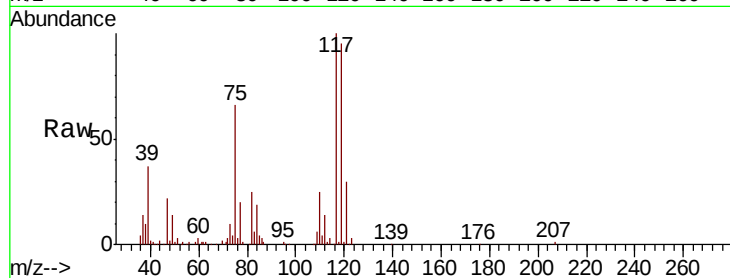




#33
Carbon Tetrachloride
Concen: 18.992 ug/l
RT: 5.76 min Scan# 766
Delta R.T. -0.00 min
Lab File: VX017345.D
Acq: 10 Jul 2020 18:58

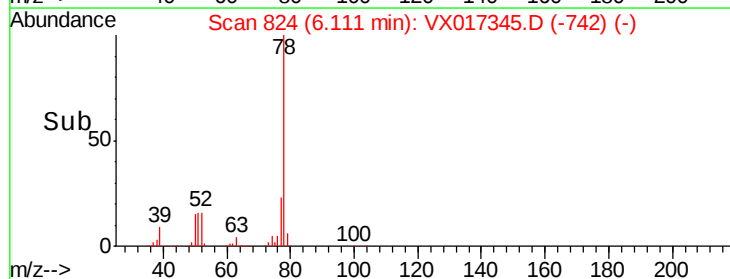
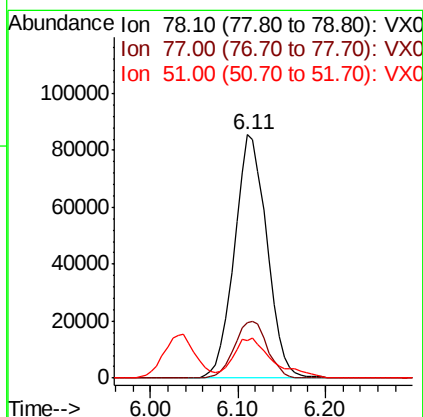
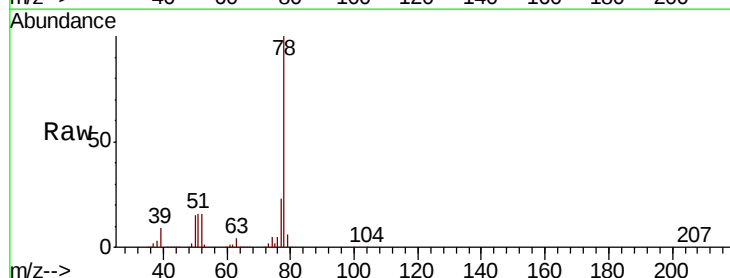
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

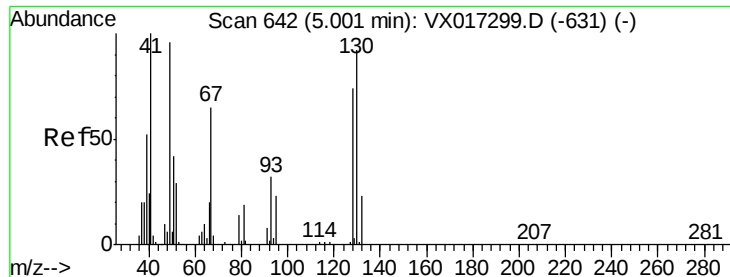
Tot Ion:117 Resp: 88069
Ion Ratio Lower Upper
117 100
119 95.2 78.8 118.2
121 29.8 23.7 35.5



#34
Benzene
Concen: 19.214 ug/l
RT: 6.11 min Scan# 824
Delta R.T. -0.00 min
Lab File: VX017345.D
Acq: 10 Jul 2020 18:58

Tgt Ion: 78 Resp: 220819
Ion Ratio Lower Upper
78 100
77 22.8 18.1 27.1
51 15.4 12.9 19.3

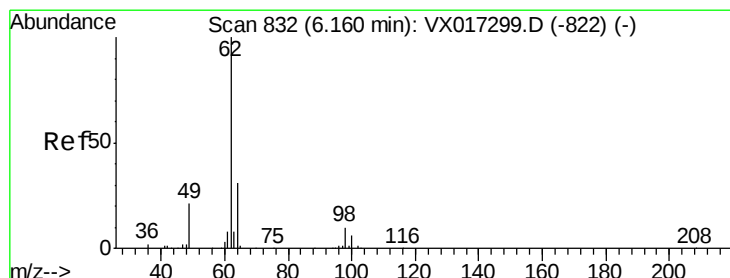
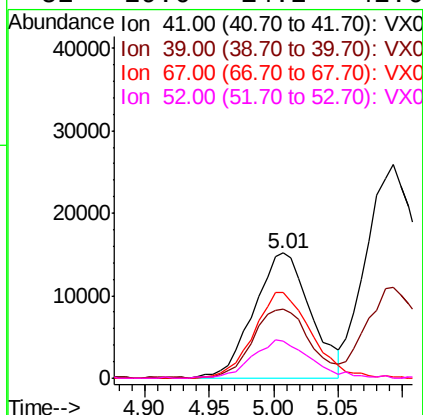
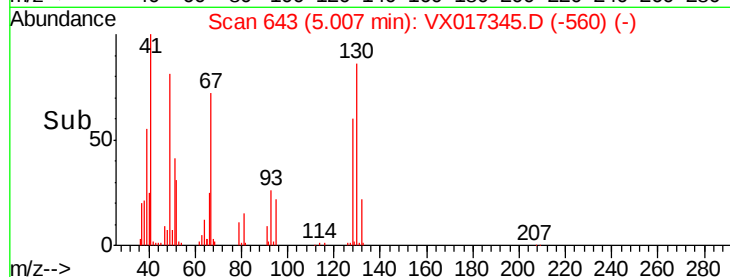
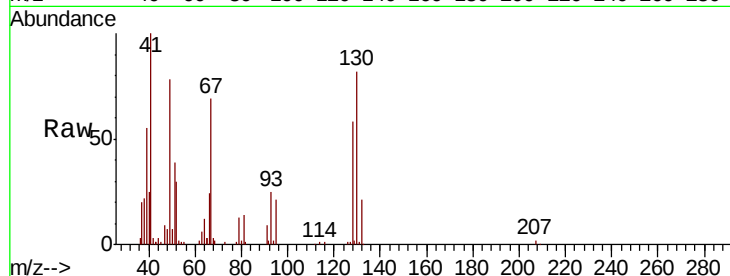




#35
Methacrylonitrile
Concen: 19.594 ug/l
RT: 5.01 min Scan# 643
Delta R.T. 0.01 min
Lab File: VX017345.D
Acq: 10 Jul 2020 18:58

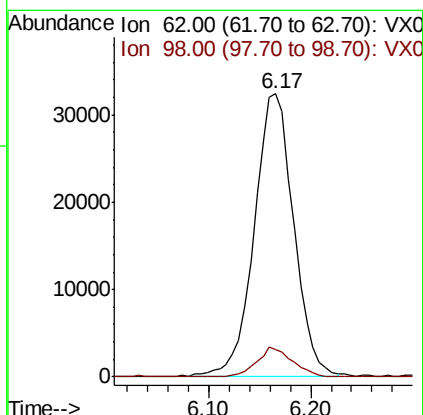
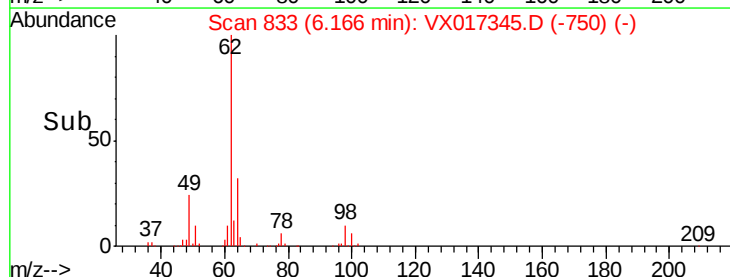
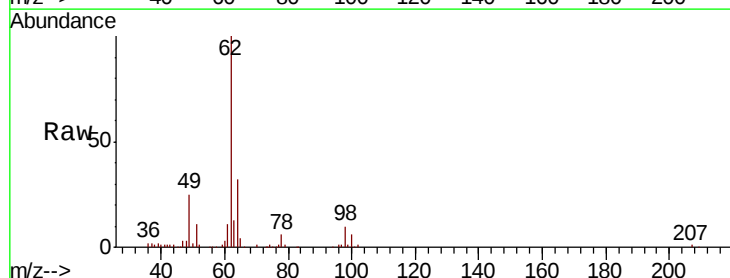
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

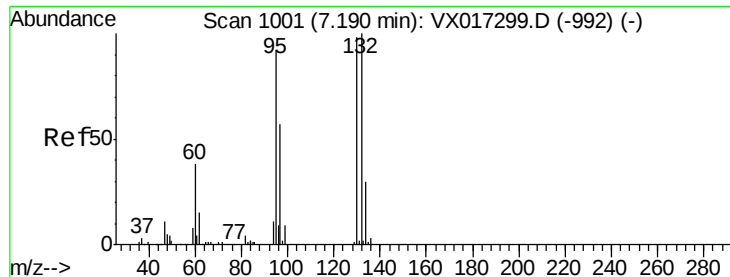
Tot Ion:	41	Resp:	46346
Ion	Ratio	Lower	Upper
41	100		
39	54.9	26.0	78.0
67	68.9	32.6	97.8
52	29.6	14.2	42.6



#36
1,2-Dichloroethane
Concen: 19.290 ug/l
RT: 6.17 min Scan# 833
Delta R.T. 0.01 min
Lab File: VX017345.D
Acq: 10 Jul 2020 18:58

Tgt Ion:	62	Resp:	87310
Ion	Ratio	Lower	Upper
62	100		
98	9.4	7.8	11.8

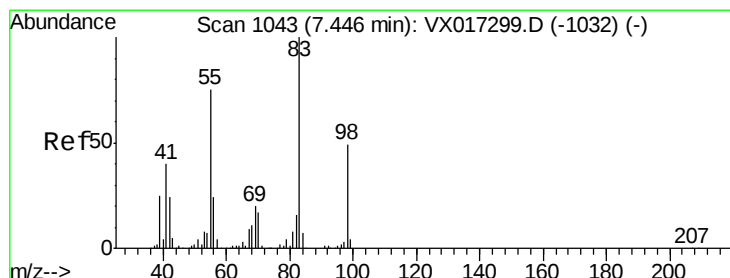
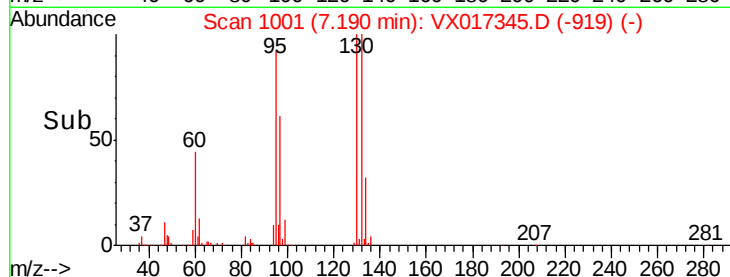
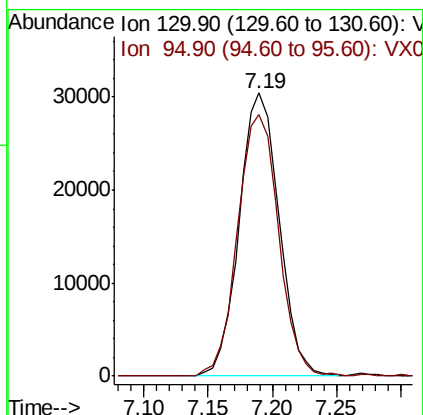
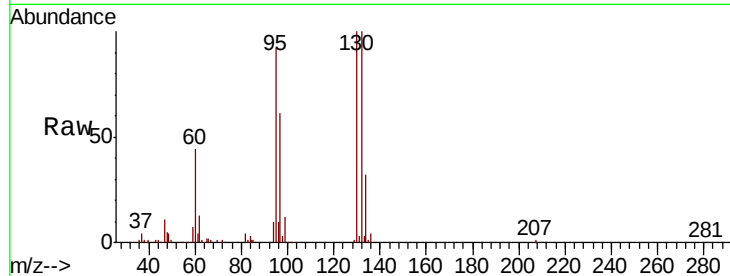




#37
 Trichloroethene
 Concen: 18.837 ug/l
 RT: 7.19 min Scan# 1001
 Delta R.T. -0.00 min
 Lab File: VX017345.D
 Acq: 10 Jul 2020 18:58

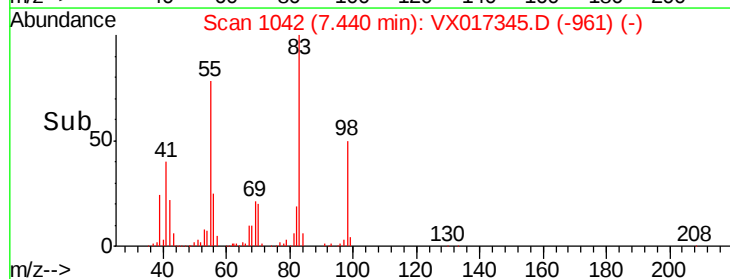
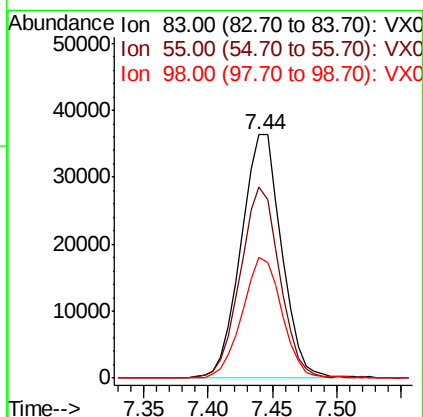
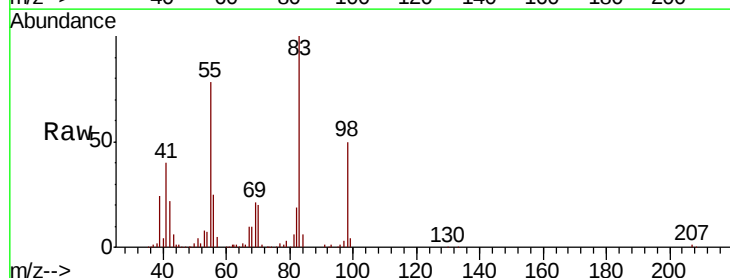
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

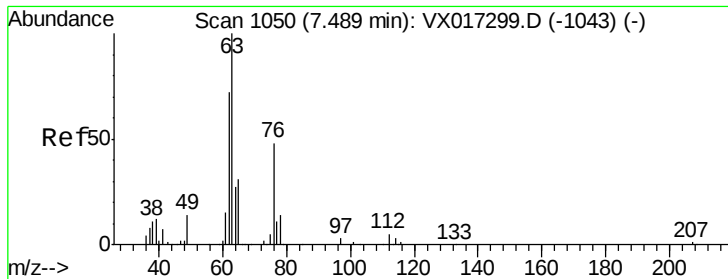
Tot Ion:130 Resp: 65115
 Ion Ratio Lower Upper
 130 100
 95 92.3 74.4 111.6



#38
 Methylcyclohexane
 Concen: 19.481 ug/l
 RT: 7.44 min Scan# 1042
 Delta R.T. -0.01 min
 Lab File: VX017345.D
 Acq: 10 Jul 2020 18:58

Tgt Ion: 83 Resp: 79292
 Ion Ratio Lower Upper
 83 100
 55 76.4 39.0 117.0
 98 48.9 25.3 75.9

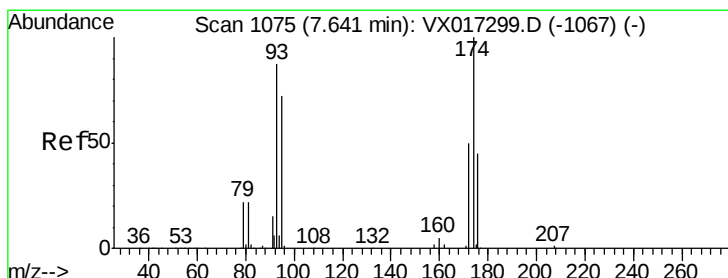
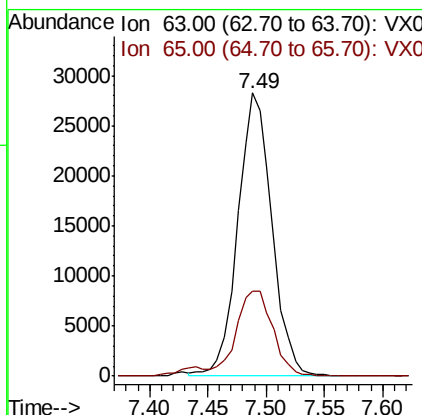
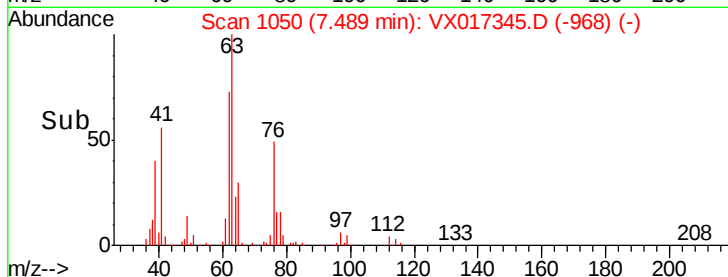
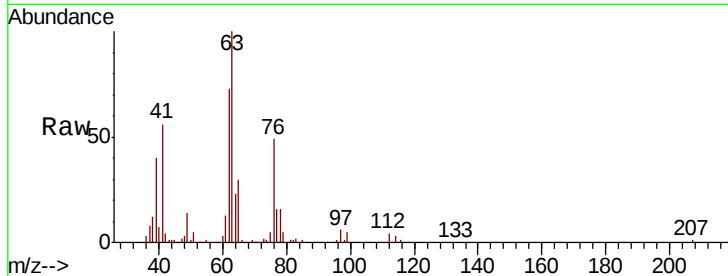




#39
 1,2-Dichloropropane
 Concen: 19.207 ug/l
 RT: 7.49 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VX017345.D
 Acq: 10 Jul 2020 18:58

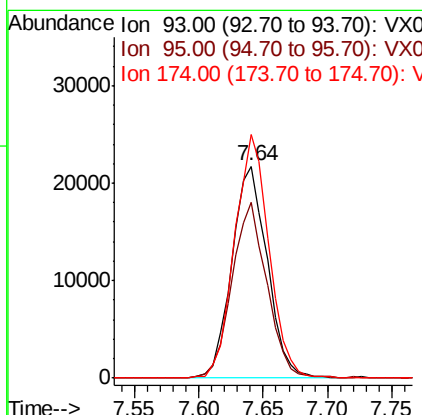
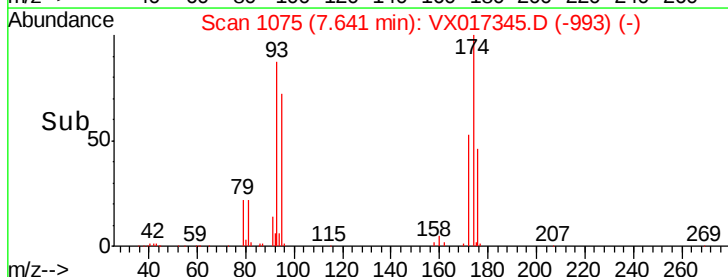
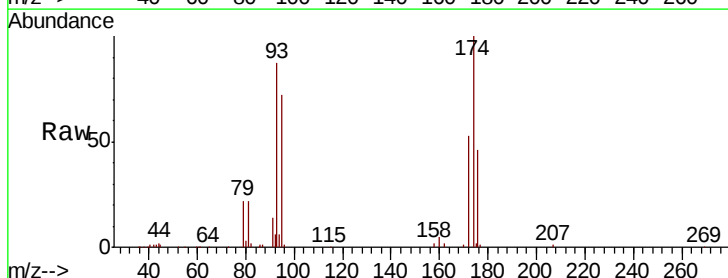
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

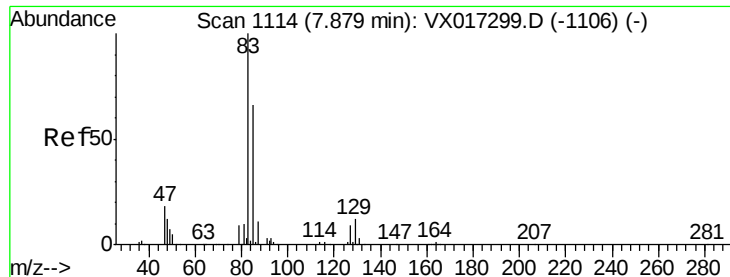
Tot Ion: 63 Resp: 57681
 Ion Ratio Lower Upper
 63 100
 65 30.2 27.4 41.0



#40
 Dibromomethane
 Concen: 19.202 ug/l
 RT: 7.64 min Scan# 1075
 Delta R.T. -0.00 min
 Lab File: VX017345.D
 Acq: 10 Jul 2020 18:58

Tgt Ion: 93 Resp: 41542
 Ion Ratio Lower Upper
 93 100
 95 81.5 0.0 164.4
 174 111.2 0.0 224.8





#41

Bromodichloromethane

Concen: 18.948 ug/l

RT: 7.88 min Scan# 1114

Delta R.T. -0.00 min

Lab File: VX017345.D

Acq: 10 Jul 2020 18:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

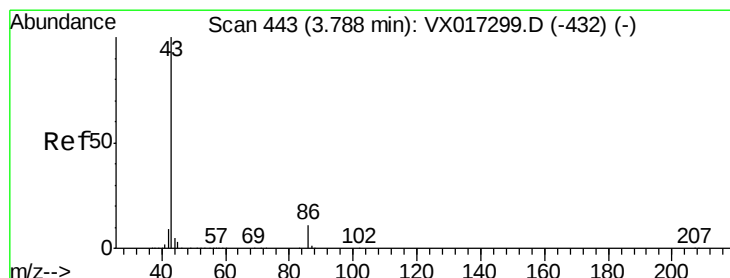
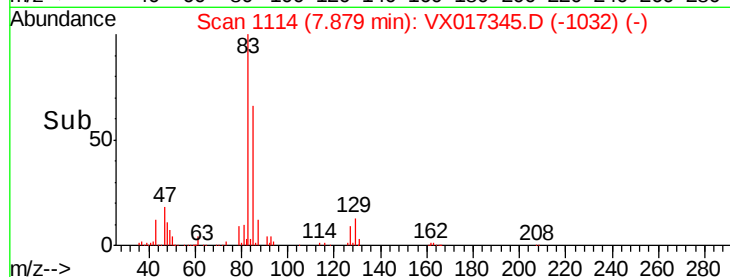
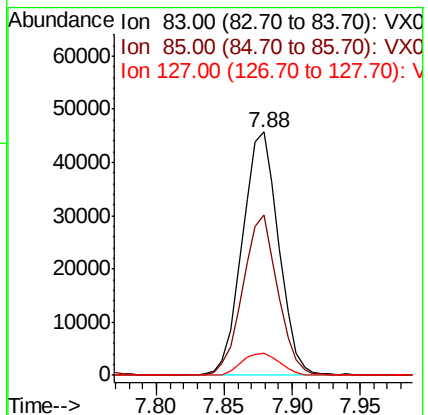
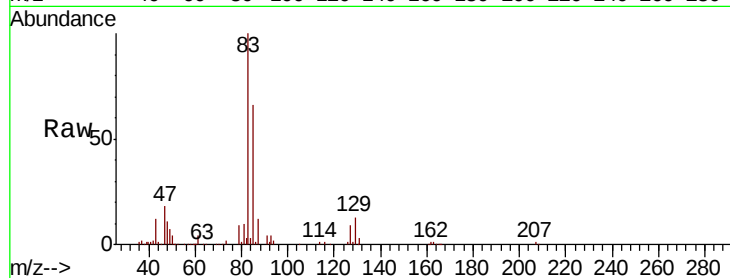
Tot Ion: 83 Resp: 85553

Ion Ratio Lower Upper

83 100

85 66.0 53.1 79.7

127 9.3 7.3 10.9



#42

Vinyl Acetate

Concen: 94.009 ug/l

RT: 3.79 min Scan# 443

Delta R.T. -0.00 min

Lab File: VX017345.D

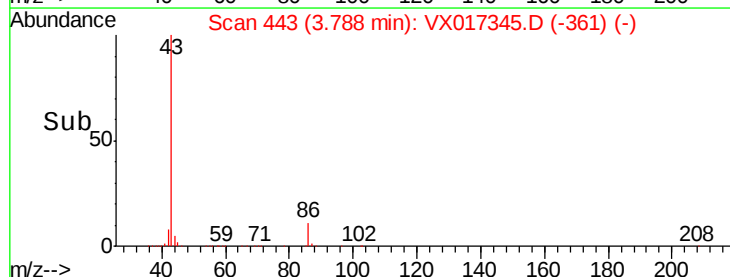
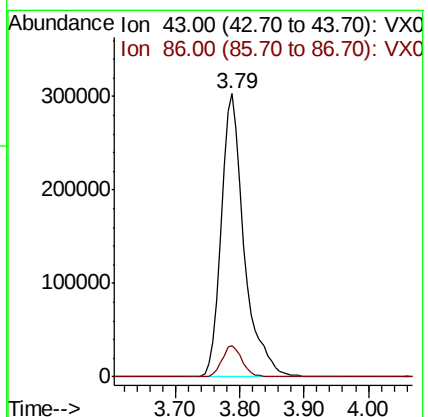
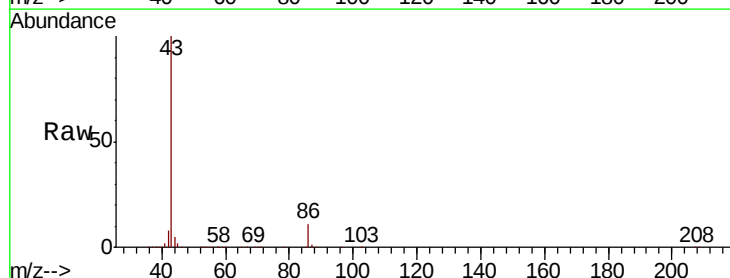
Acq: 10 Jul 2020 18:58

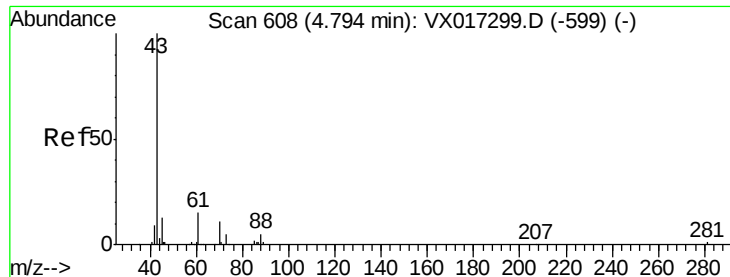
Tgt Ion: 43 Resp: 758993

Ion Ratio Lower Upper

43 100

86 9.8 7.9 11.9

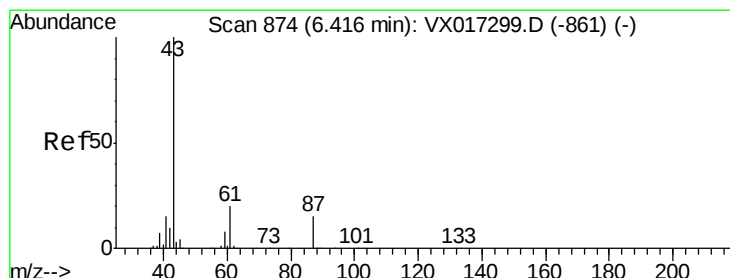
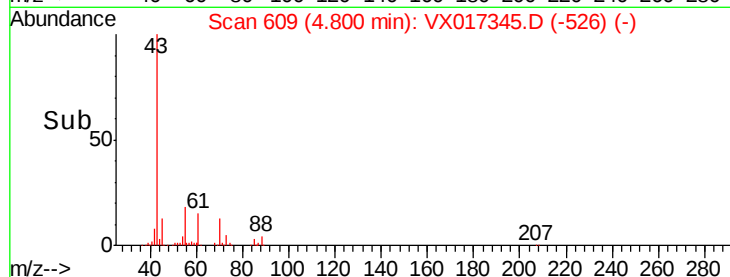
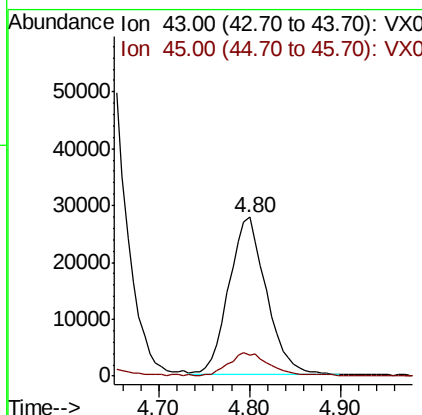
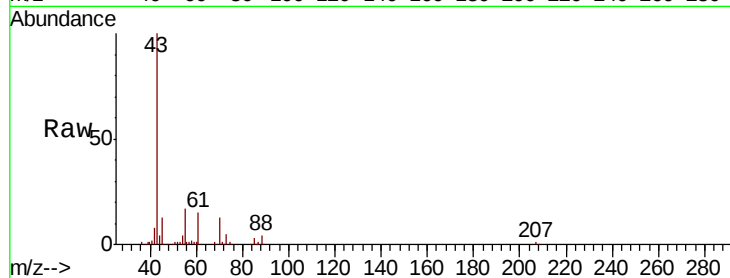




#43
Ethyl Acetate
Concen: 19.084 ug/l
RT: 4.80 min Scan# 609
Delta R.T. 0.01 min
Lab File: VX017345.D
Acq: 10 Jul 2020 18:58

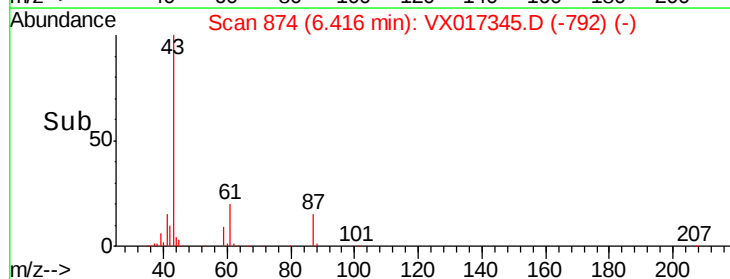
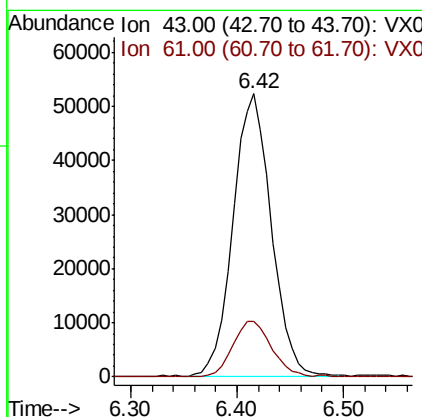
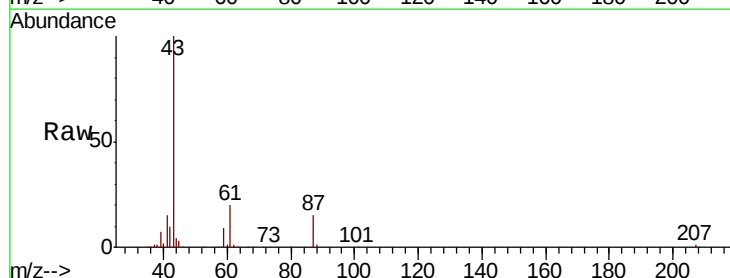
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

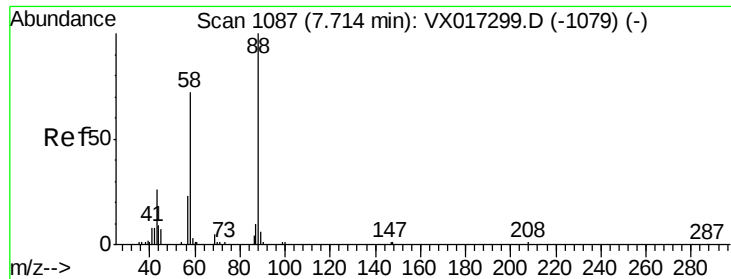
Tot Ion: 43 Resp: 79307
Ion Ratio Lower Upper
43 100
45 14.8 12.1 18.1



#44
Isopropyl Acetate
Concen: 19.031 ug/l
RT: 6.42 min Scan# 874
Delta R.T. -0.00 min
Lab File: VX017345.D
Acq: 10 Jul 2020 18:58

Tgt Ion: 43 Resp: 131585
Ion Ratio Lower Upper
43 100
61 20.1 15.7 23.5

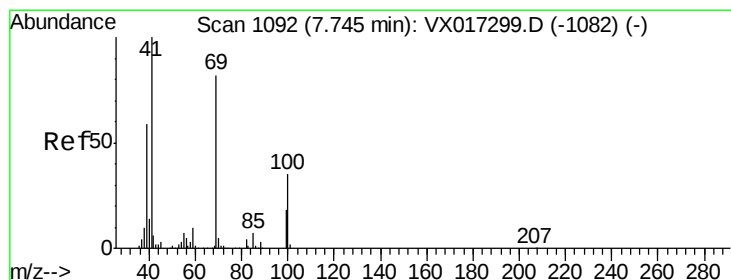
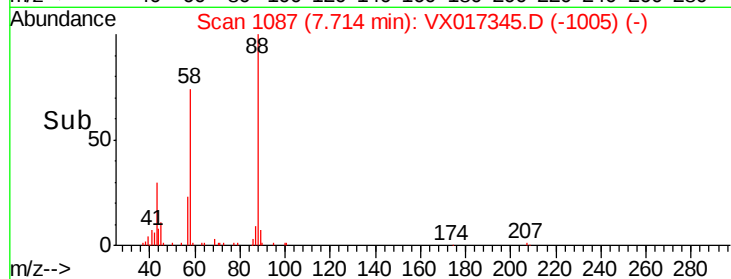
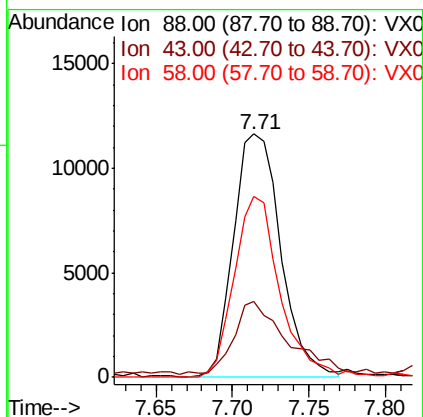
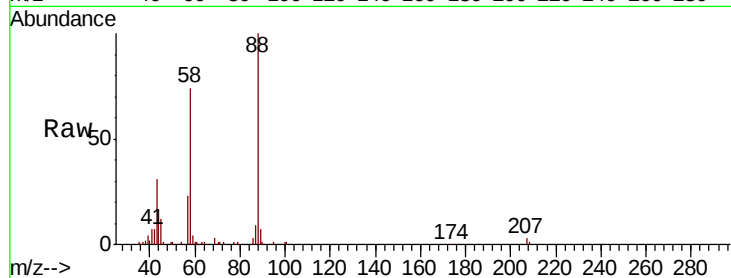




#45
 1,4-Dioxane
 Concen: 379.076 ug/l
 RT: 7.71 min Scan# 1087
 Delta R.T. -0.00 min
 Lab File: VX017345.D
 Acq: 10 Jul 2020 18:58

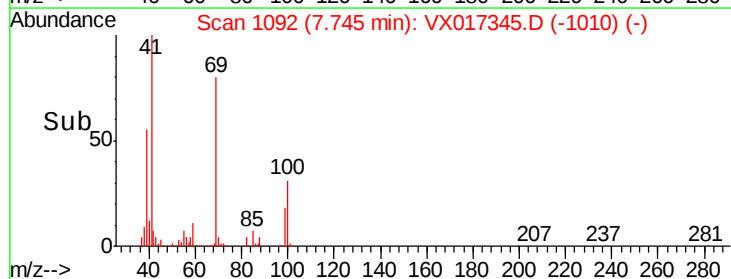
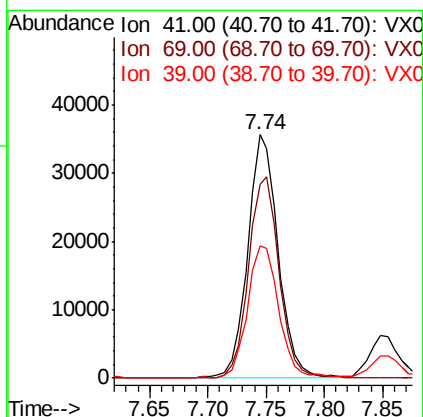
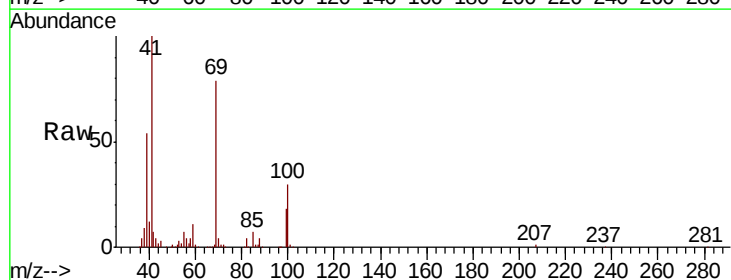
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

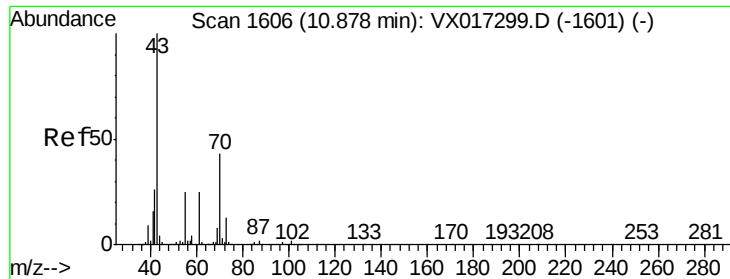
Tot Ion	88	Resp	24983
Ion Ratio	Lower	Upper	
88	100		
43	28.6	29.0	43.4#
58	72.0	58.3	87.5



#46
 Methyl methacrylate
 Concen: 19.171 ug/l
 RT: 7.74 min Scan# 1092
 Delta R.T. -0.00 min
 Lab File: VX017345.D
 Acq: 10 Jul 2020 18:58

Tgt Ion	41	Resp	64570
Ion Ratio	Lower	Upper	
41	100		
69	79.6	41.1	123.3
39	54.6	29.2	87.6

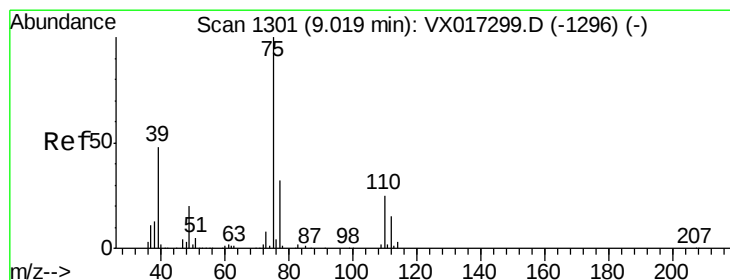
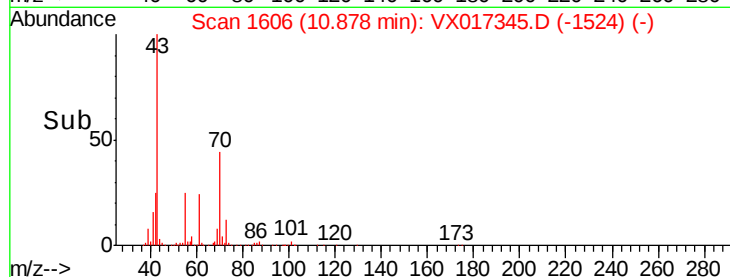
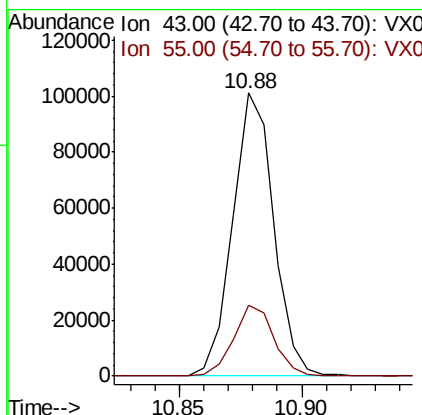
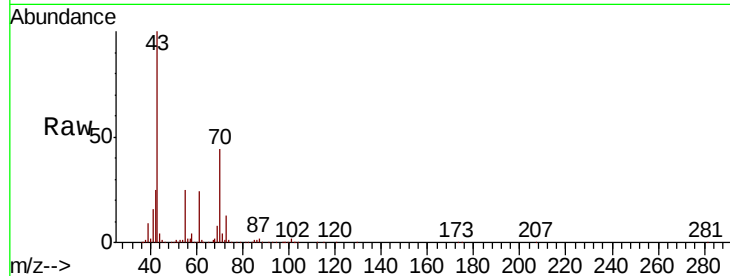




#47
n-amyl Acetate
Concen: 19.105 ug/l
RT: 10.88 min Scan# 1606
Delta R.T. -0.00 min
Lab File: VX017345.D
Acq: 10 Jul 2020 18:58

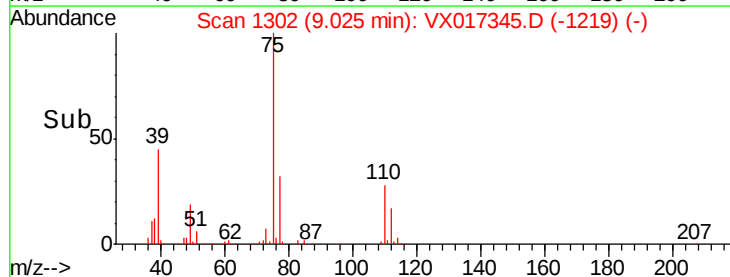
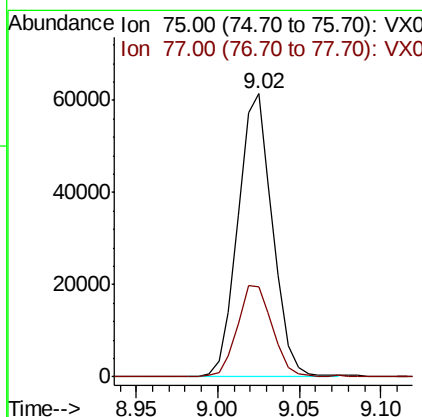
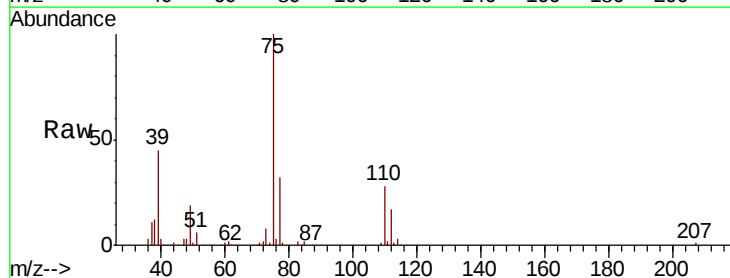
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

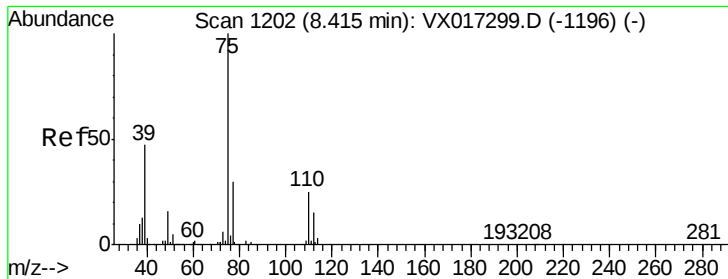
Tot Ion: 43 Resp: 116963
Ion Ratio Lower Upper
43 100
55 25.0 20.4 30.6



#48
t-1,3-Dichloropropene
Concen: 18.131 ug/l
RT: 9.02 min Scan# 1302
Delta R.T. 0.01 min
Lab File: VX017345.D
Acq: 10 Jul 2020 18:58

Tgt Ion: 75 Resp: 90373
Ion Ratio Lower Upper
75 100
77 31.6 25.6 38.4



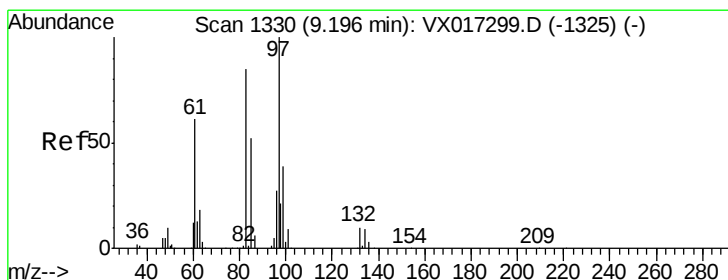
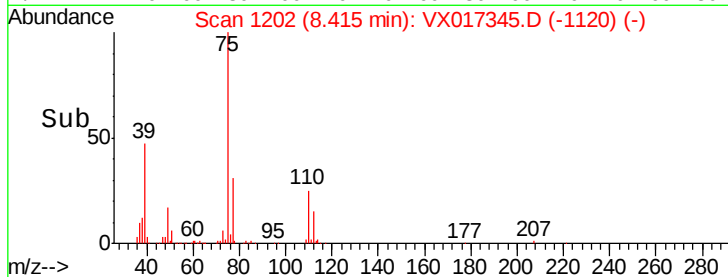
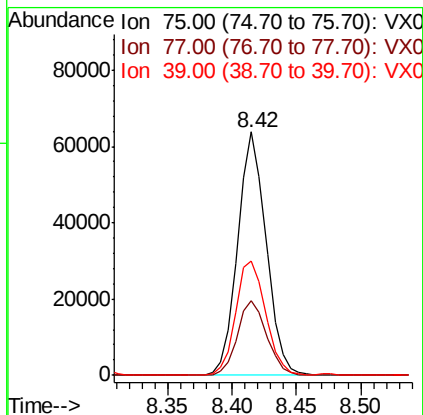
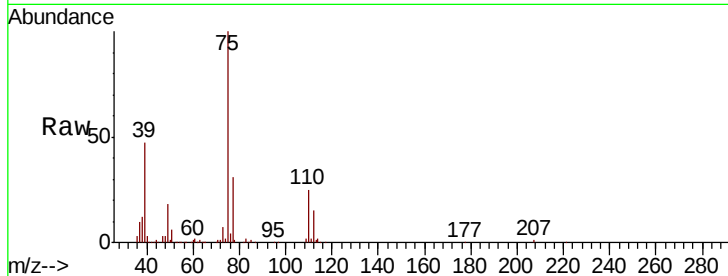


#49

cis-1,3-Dichloropropene
 Concen: 18.747 ug/l
 RT: 8.42 min Scan# 1202
 Delta R.T. -0.00 min
 Lab File: VX017345.D
 Acq: 10 Jul 2020 18:58

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

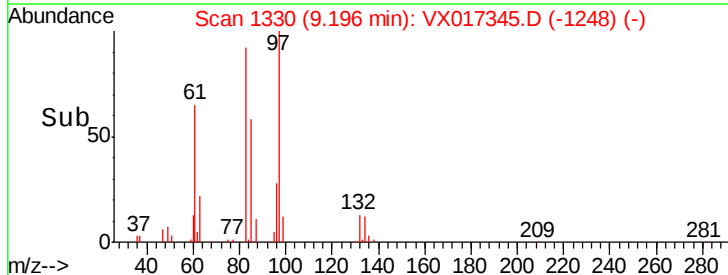
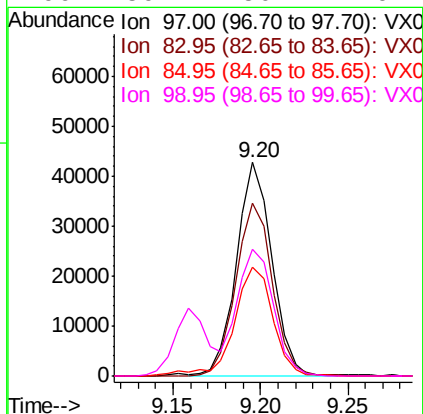
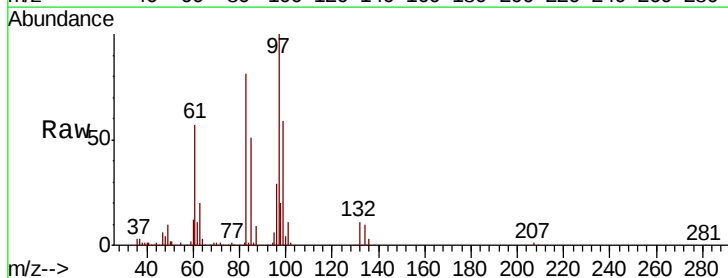
Tot Ion	Ratio	Lower	Upper
75	100		
77	30.9	23.6	35.4
39	46.9	37.5	56.3

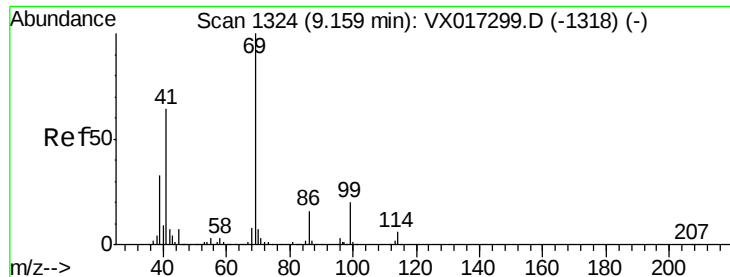


#50

1,1,2-Trichloroethane
 Concen: 18.870 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. -0.00 min
 Lab File: VX017345.D
 Acq: 10 Jul 2020 18:58

Tgt Ion	Ratio	Lower	Upper
97	100		
83	81.3	67.9	101.9
85	51.2	42.6	64.0
99	59.1	50.7	76.1

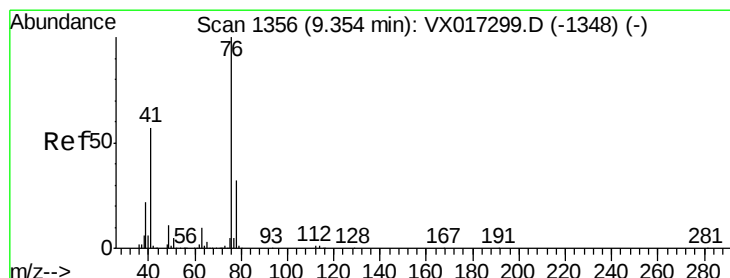
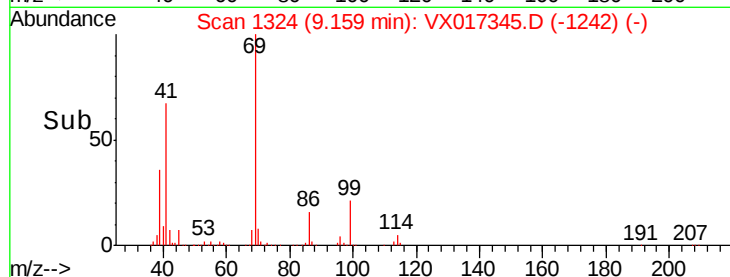
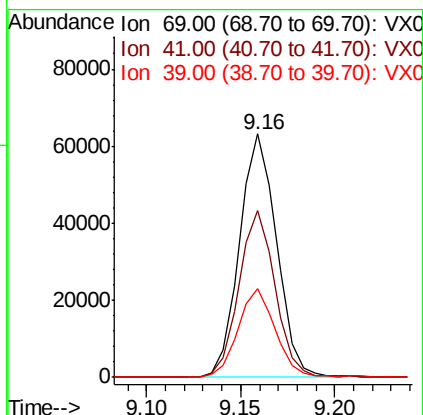
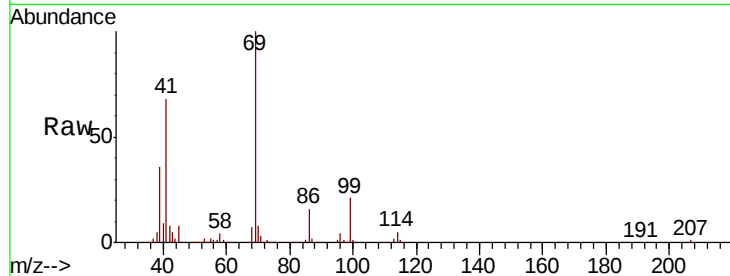




#51
Ethyl methacrylate
Concen: 18.473 ug/l
RT: 9.16 min Scan# 1324
Delta R.T. -0.00 min
Lab File: VX017345.D
Acq: 10 Jul 2020 18:58

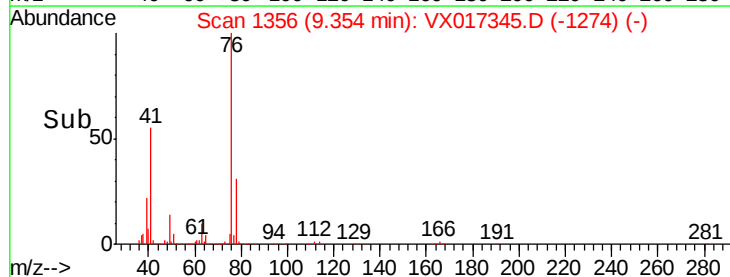
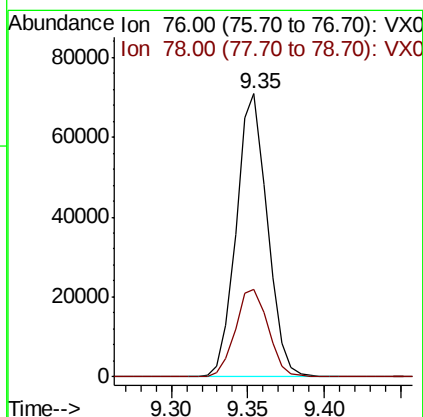
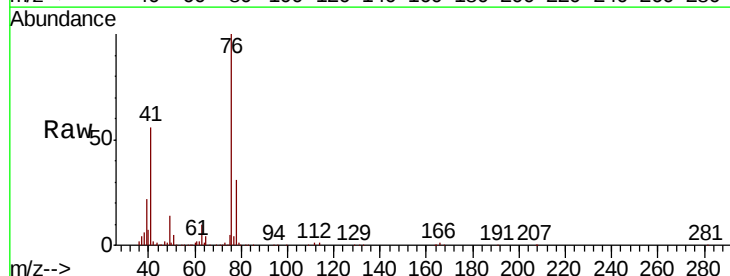
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

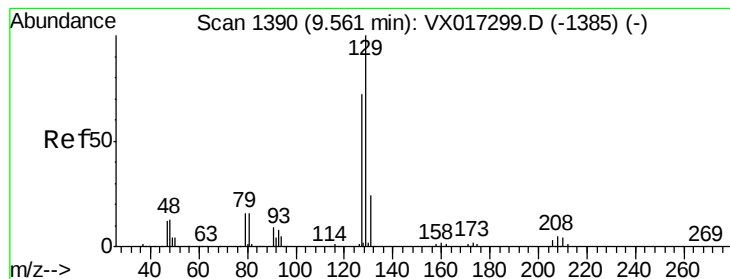
Tot Ion	Ratio	Lower	Upper
69	100		
41	68.1	32.1	96.5
39	36.1	16.3	48.9



#52
1,3-Dichloropropane
Concen: 19.100 ug/l
RT: 9.35 min Scan# 1356
Delta R.T. -0.00 min
Lab File: VX017345.D
Acq: 10 Jul 2020 18:58

Tgt Ion	Ratio	Lower	Upper
76	100		
78	32.6	0.0	65.6





#53

Dibromochloromethane

Concen: 18.241 ug/l

RT: 9.56 min Scan# 1390

Delta R.T. -0.00 min

Lab File: VX017345.D

Acq: 10 Jul 2020 18:58

Instrument :

MSVOA_X

ClientSampleId :

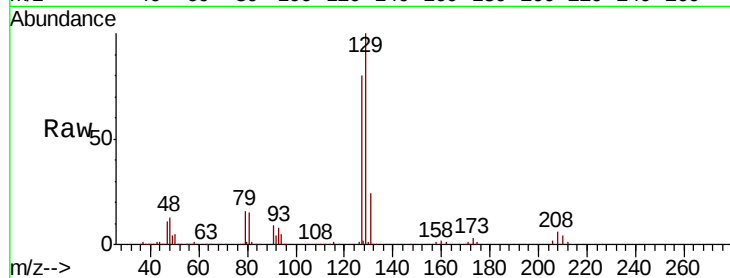
VSTDCCC020EC

Tot Ion:129 Resp: 71367

Ion Ratio Lower Upper

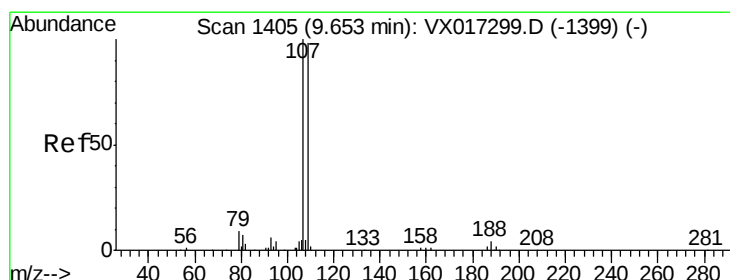
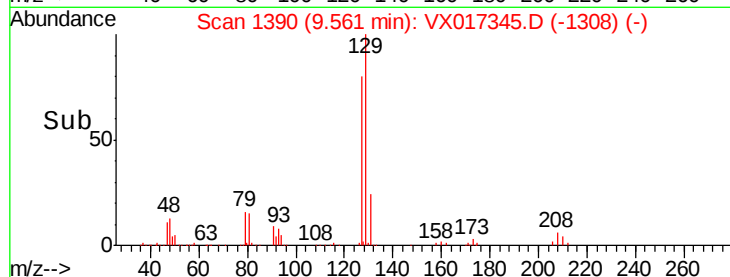
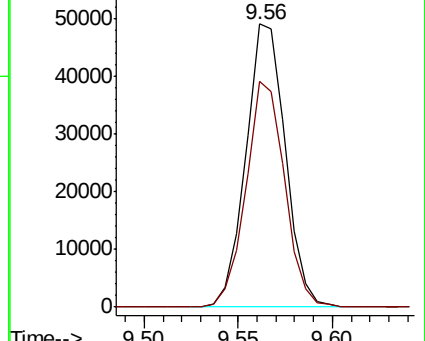
129 100

127 78.2 37.5 112.5



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V



#54

1,2-Dibromoethane

Concen: 19.236 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. -0.00 min

Lab File: VX017345.D

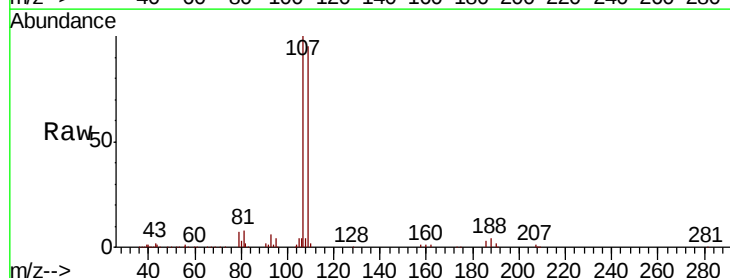
Acq: 10 Jul 2020 18:58

Tgt Ion:107 Resp: 65922

Ion Ratio Lower Upper

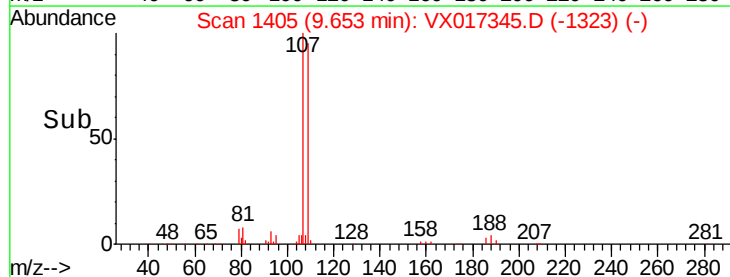
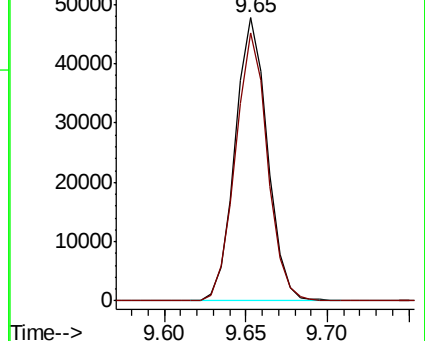
107 100

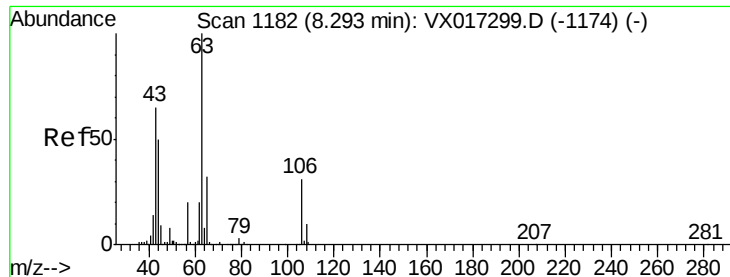
109 93.9 76.9 115.3



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: 105.497 ug/l

RT: 8.29 min Scan# 1182

Delta R.T. 0.00 min

Lab File: VX017345.D

Acq: 10 Jul 2020 18:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

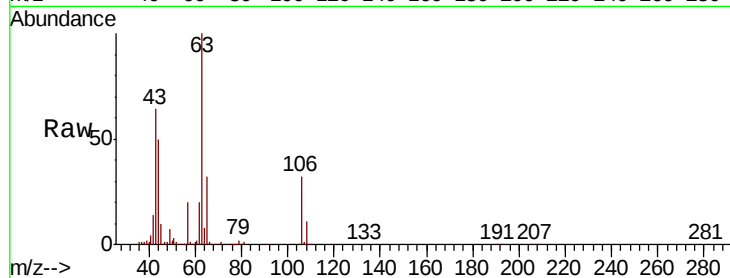
Tot Ion: 63 Resp: 236456

Ion Ratio Lower Upper

63 100

65 31.3 25.4 38.0

106 31.1 24.5 36.7

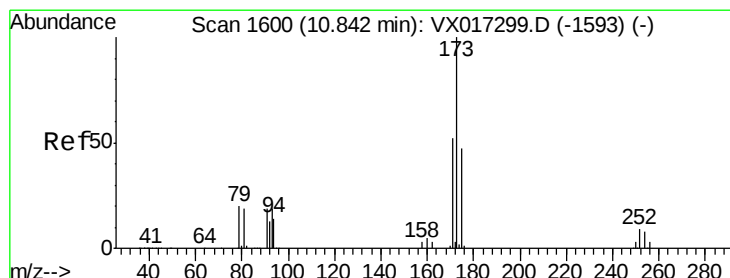
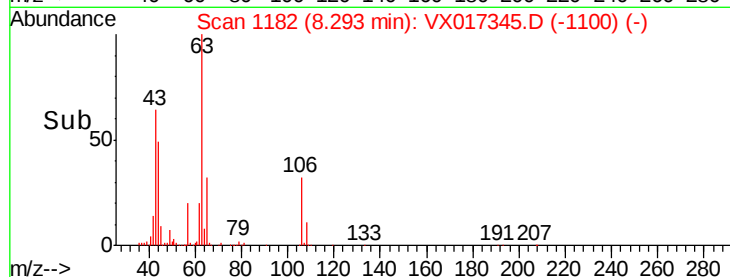
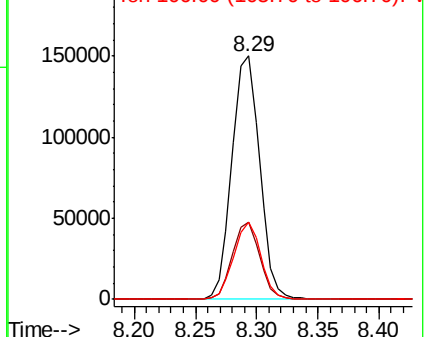


Abundance

Ion 63.00 (62.70 to 63.70): VX0

Ion 65.00 (64.70 to 65.70): VX0

Ion 106.00 (105.70 to 106.70): V



#56

Bromoform

Concen: 18.375 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VX017345.D

Acq: 10 Jul 2020 18:58

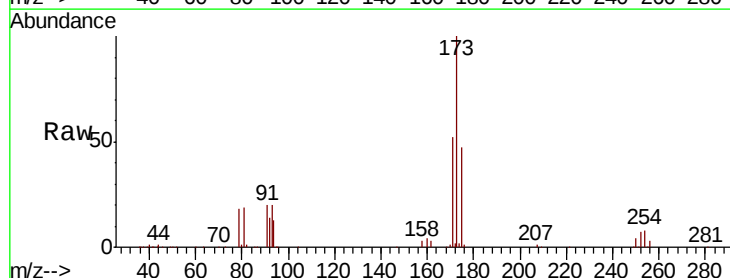
Tgt Ion: 173 Resp: 56082

Ion Ratio Lower Upper

173 100

175 48.5 38.4 57.6

254 8.2 7.0 10.4

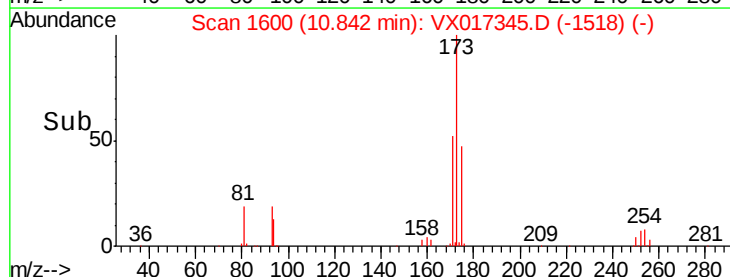
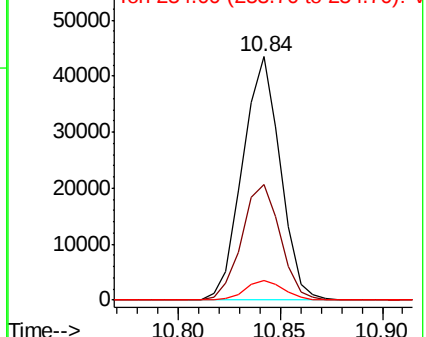


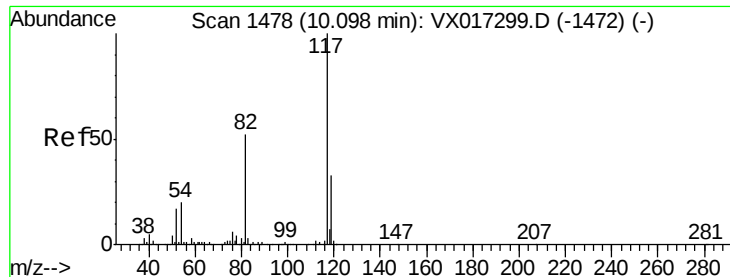
Abundance

Ion 173.00 (172.70 to 173.70): V

Ion 175.00 (174.70 to 175.70): V

Ion 254.00 (253.70 to 254.70): V

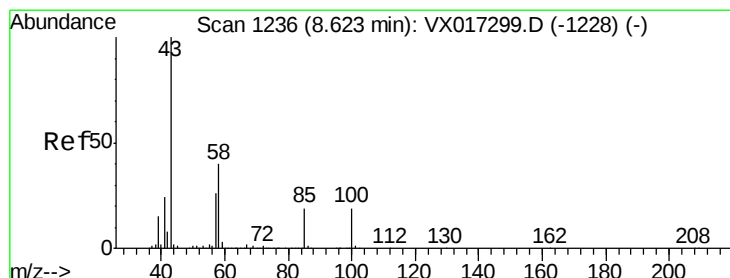
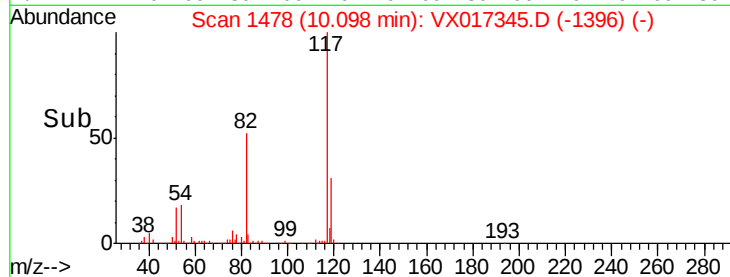
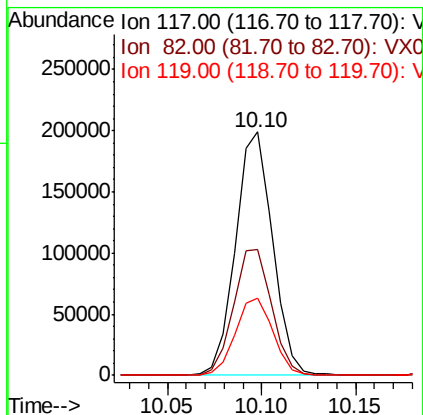
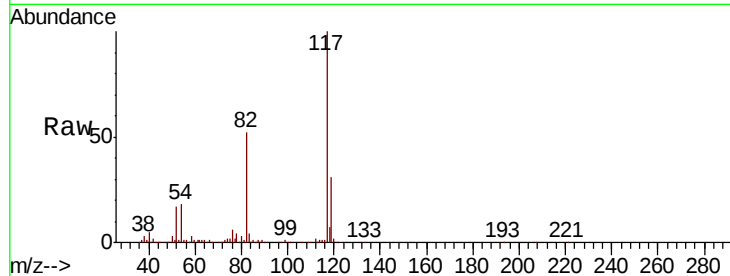




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX017345.D
Acq: 10 Jul 2020 18:58

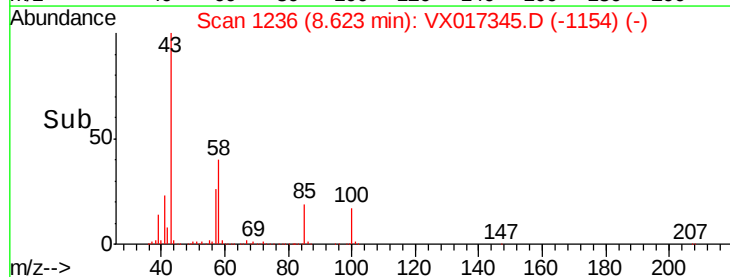
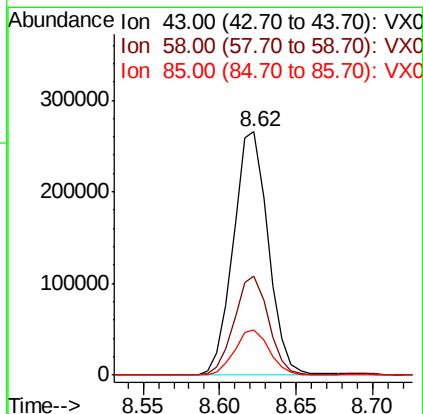
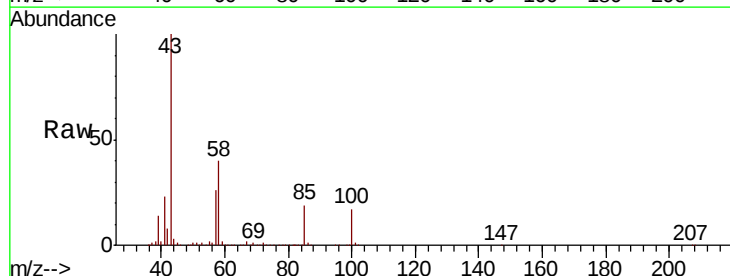
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

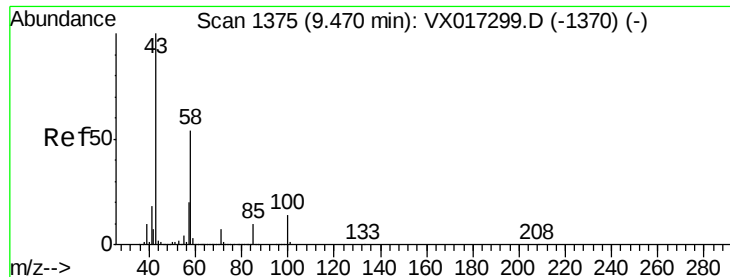
Tot Ion:117 Resp: 271479
Ion Ratio Lower Upper
117 100
82 53.4 42.2 63.4
119 32.1 26.4 39.6



#58
4-Methyl-2-Pentanone
Concen: 97.455 ug/l
RT: 8.62 min Scan# 1236
Delta R.T. -0.00 min
Lab File: VX017345.D
Acq: 10 Jul 2020 18:58

Tgt Ion: 43 Resp: 419215
Ion Ratio Lower Upper
43 100
58 40.1 32.2 48.2
85 18.5 14.8 22.2

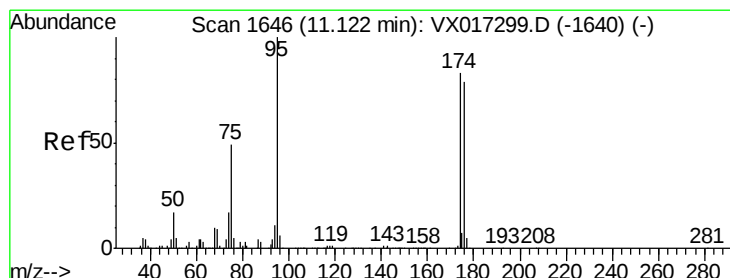
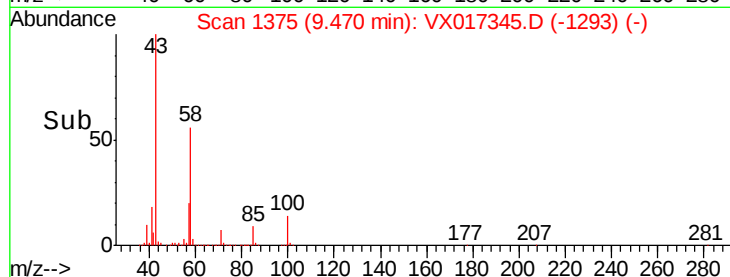
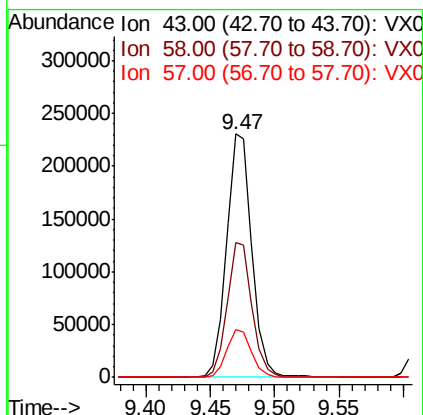
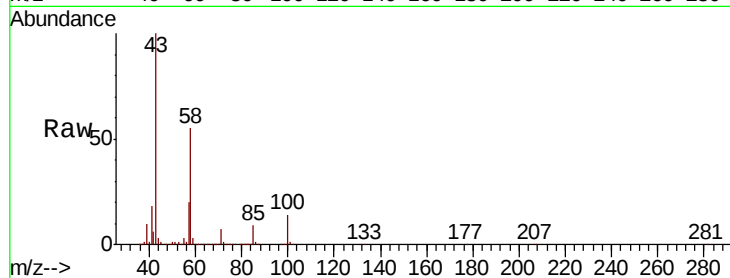




#59
2-Hexanone
Concen: 96.610 ug/l
RT: 9.47 min Scan# 1375
Delta R.T. -0.00 min
Lab File: VX017345.D
Acq: 10 Jul 2020 18:58

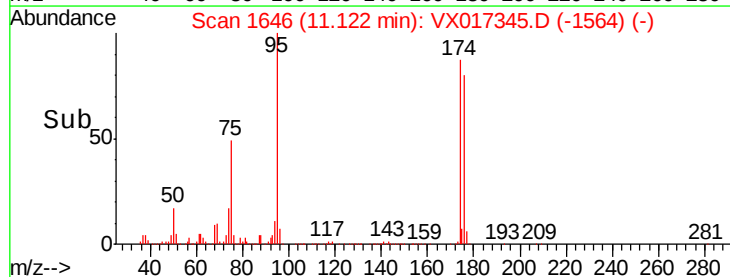
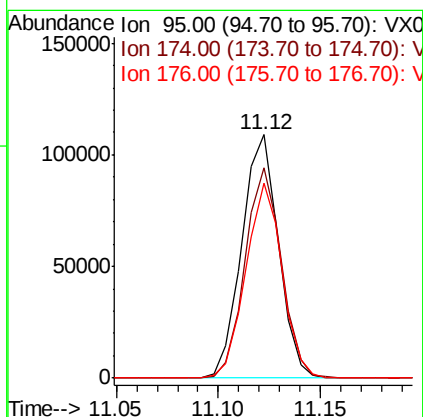
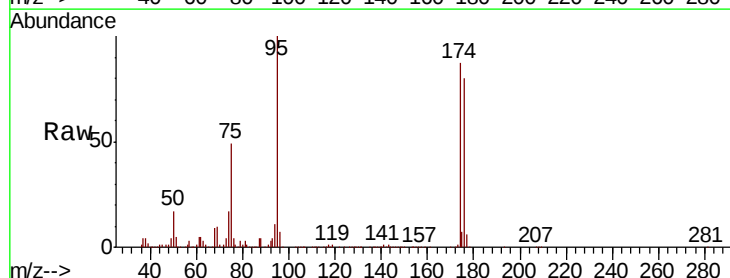
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

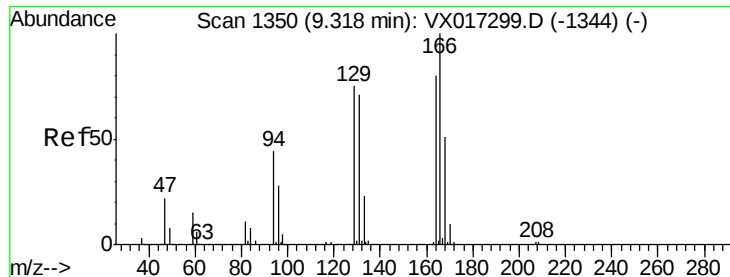
Tot Ion: 43 Resp: 316799
Ion Ratio Lower Upper
43 100
58 54.7 43.4 65.0
57 19.5 15.1 22.7



#60
4-Bromofluorobenzene
Concen: 29.457 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. -0.00 min
Lab File: VX017345.D
Acq: 10 Jul 2020 18:58

Tgt Ion: 95 Resp: 136429
Ion Ratio Lower Upper
95 100
174 85.0 66.9 100.3
176 78.9 65.5 98.3

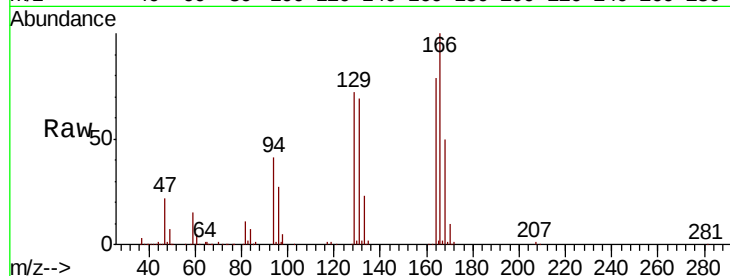




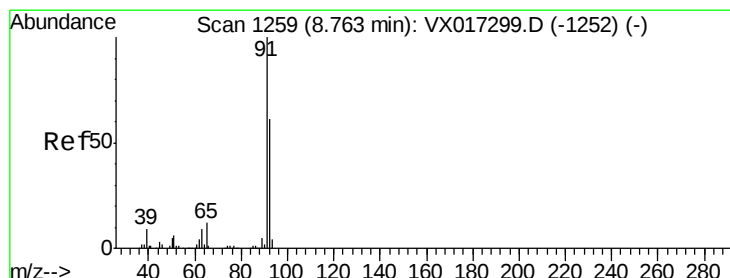
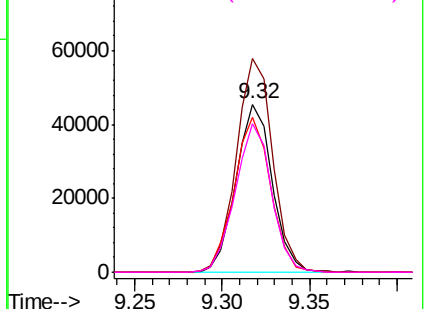
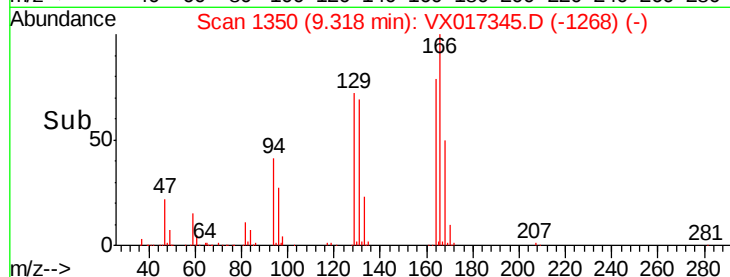
#61
Tetrachloroethene
Concen: 18.985 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX017345.D
Acq: 10 Jul 2020 18:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion:164 Resp: 65656
Ion Ratio Lower Upper
164 100
166 127.4 99.8 149.6
129 92.1 74.4 111.6
131 88.3 70.6 105.8

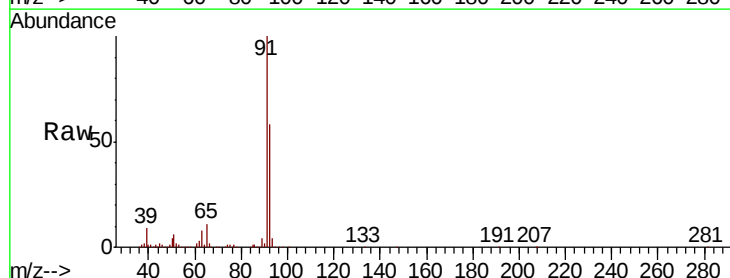


Abundance Ion 163.85 (163.55 to 164.55): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.90 (128.60 to 129.60): V
Ion 130.90 (130.60 to 131.60): V

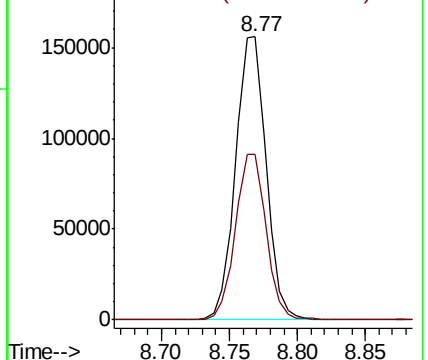
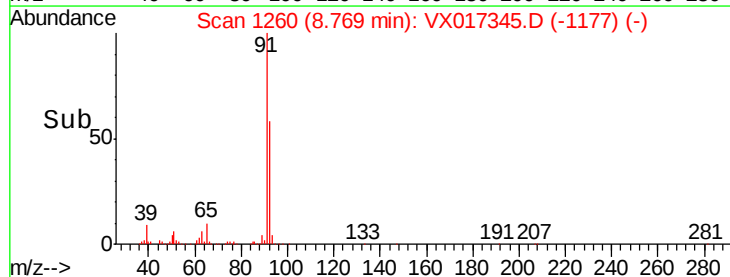


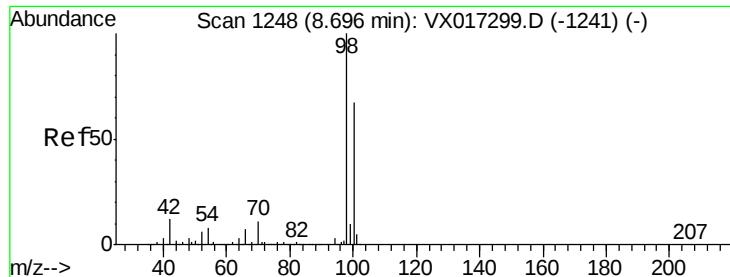
#62
Toluene
Concen: 19.039 ug/l
RT: 8.77 min Scan# 1260
Delta R.T. 0.01 min
Lab File: VX017345.D
Acq: 10 Jul 2020 18:58

Tgt Ion: 91 Resp: 244693
Ion Ratio Lower Upper
91 100
92 59.0 47.2 70.8



Abundance Ion 91.00 (90.70 to 91.70): VX0
Ion 92.00 (91.70 to 92.70): VX0





#63

Toluene-d8

Concen: 30.002 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX017345.D

Acq: 10 Jul 2020 18:58

Instrument :

MSVOA_X

ClientSampleId :

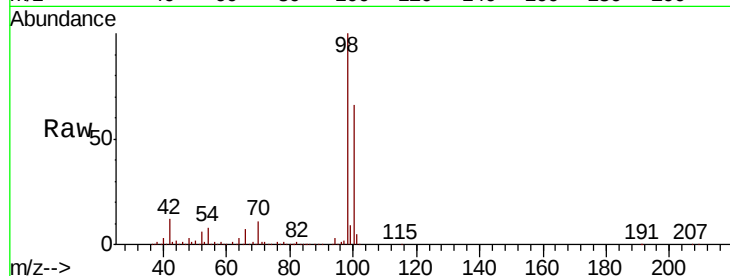
VSTDCCC020EC

Tot Ion: 98 Resp: 344529

Ion Ratio Lower Upper

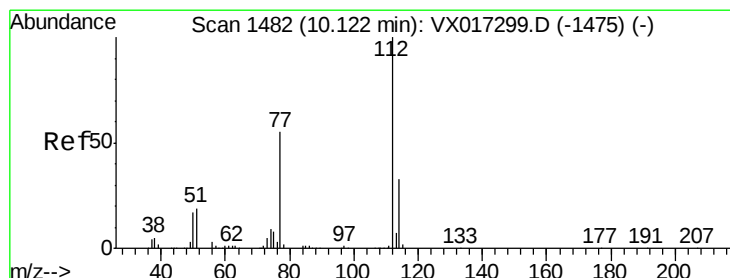
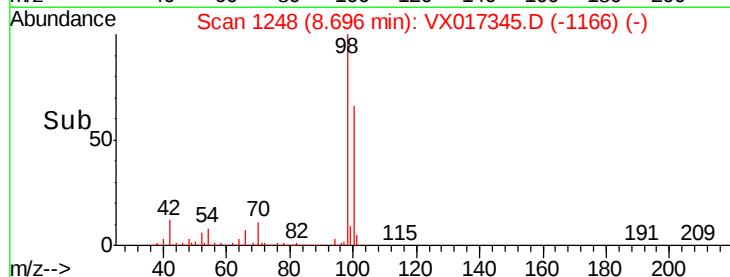
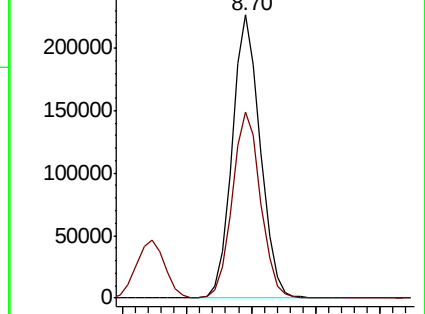
98 100

100 66.4 52.8 79.2



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V>



#64

Chlorobenzene

Concen: 18.883 ug/l

RT: 10.12 min Scan# 1482

Delta R.T. -0.00 min

Lab File: VX017345.D

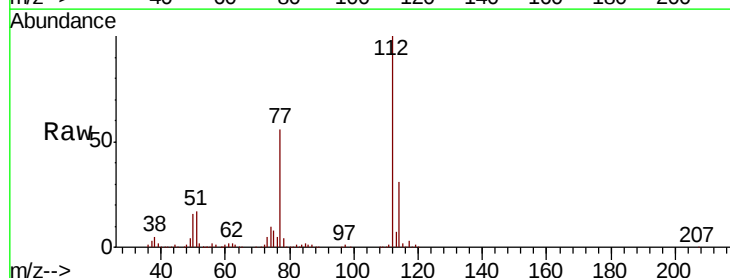
Acq: 10 Jul 2020 18:58

Tgt Ion: 112 Resp: 161921

Ion Ratio Lower Upper

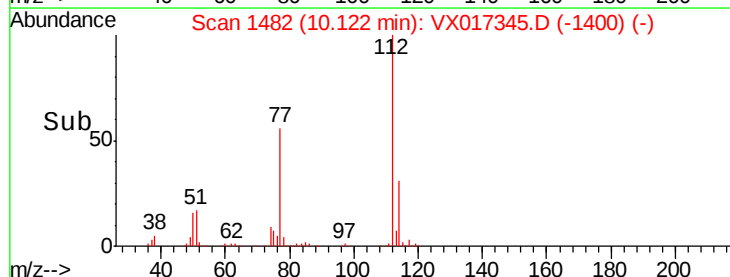
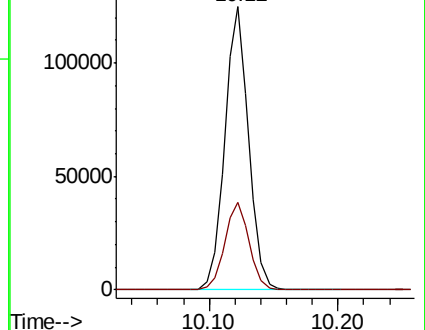
112 100

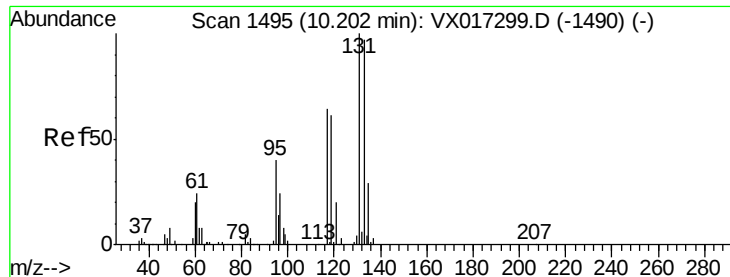
114 31.1 26.2 39.2



Abundance Ion 112.00 (111.70 to 112.70): V

Ion 114.00 (113.70 to 114.70): V





#65

1,1,1,2-Tetrachloroethane

Concen: 18.554 ug/l

RT: 10.20 min Scan# 1495

Delta R.T. -0.00 min

Lab File: VX017345.D

Acq: 10 Jul 2020 18:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

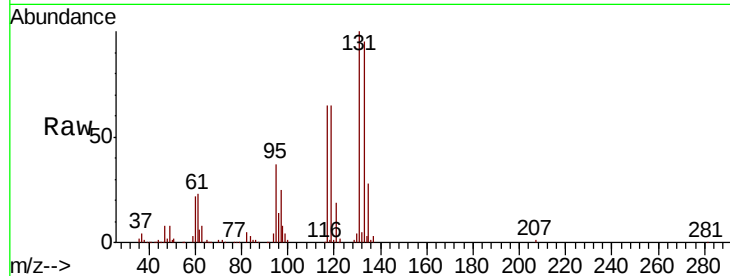
Tot Ion:131 Resp: 65002

Ion Ratio Lower Upper

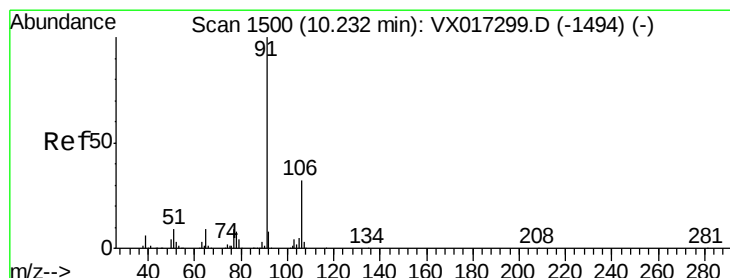
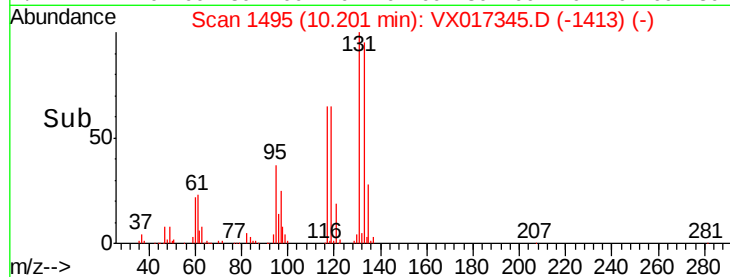
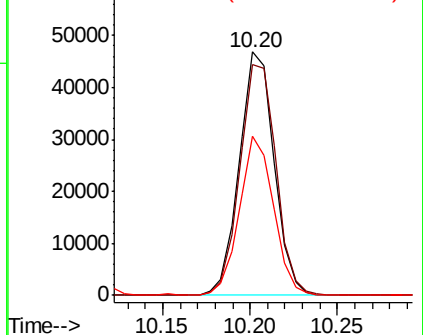
131 100

133 98.5 0.0 196.8

119 63.8 0.0 126.0



Abundance Ion 131.00 (130.70 to 131.70): V
Ion 133.00 (132.70 to 133.70): V
Ion 119.00 (118.70 to 119.70): V



#66

Ethyl Benzene

Concen: 18.823 ug/l

RT: 10.23 min Scan# 1500

Delta R.T. -0.00 min

Lab File: VX017345.D

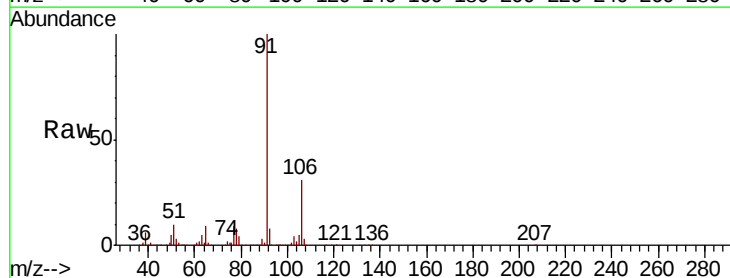
Acq: 10 Jul 2020 18:58

Tgt Ion: 91 Resp: 272229

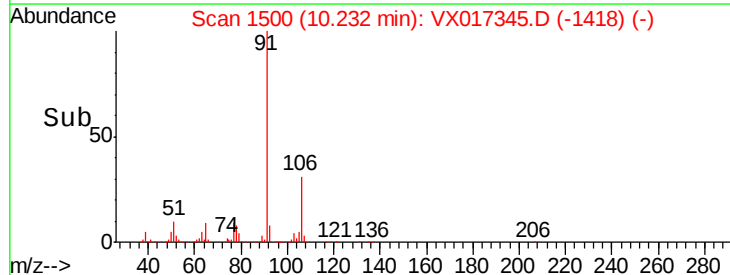
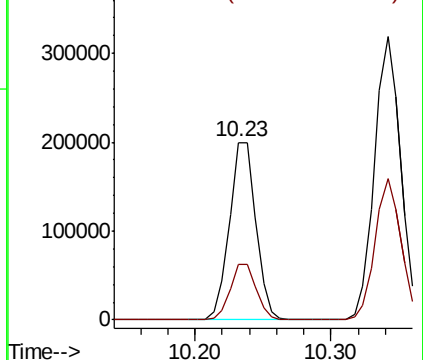
Ion Ratio Lower Upper

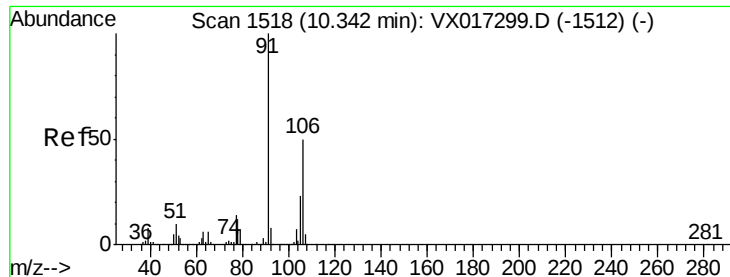
91 100

106 31.3 25.2 37.8



Abundance Ion 91.00 (90.70 to 91.70): VX0
Ion 106.00 (105.70 to 106.70): V





#67

m/p-Xylenes

Concen: 37.826 ug/l

RT: 10.34 min Scan# 1518

Delta R.T. -0.00 min

Lab File: VX017345.D

Acq: 10 Jul 2020 18:58

Instrument :

MSVOA_X

ClientSampleId :

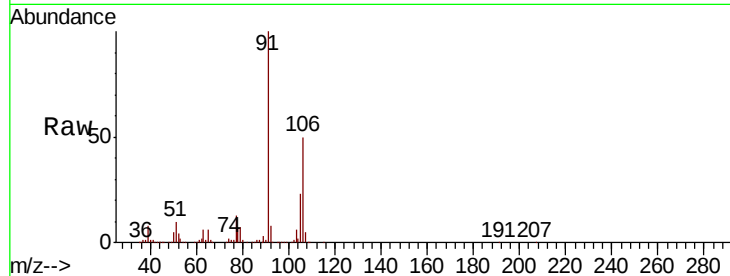
VSTDCCC020EC

Tot Ion:106 Resp: 211344

Ion Ratio Lower Upper

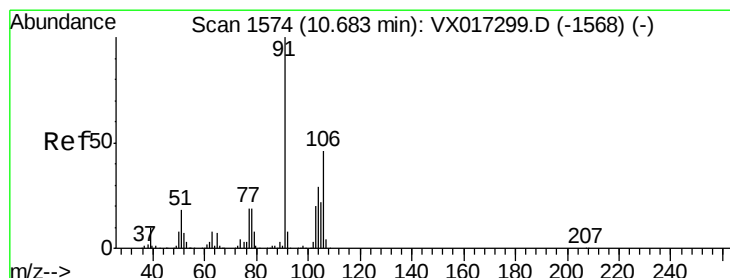
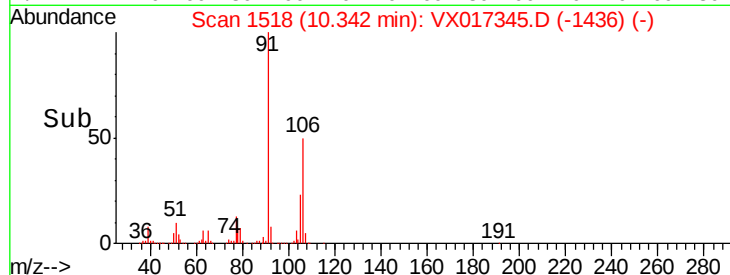
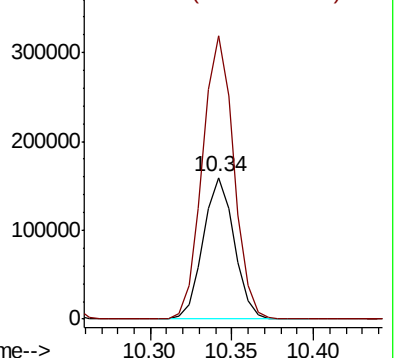
106 100

91 202.0 159.7 239.5



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0



#68

o-Xylene

Concen: 18.789 ug/l

RT: 10.68 min Scan# 1574

Delta R.T. -0.00 min

Lab File: VX017345.D

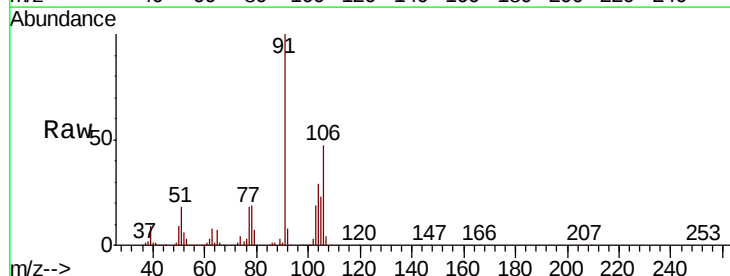
Acq: 10 Jul 2020 18:58

Tgt Ion:106 Resp: 99763

Ion Ratio Lower Upper

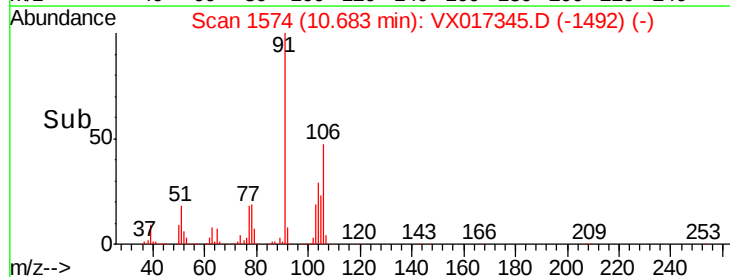
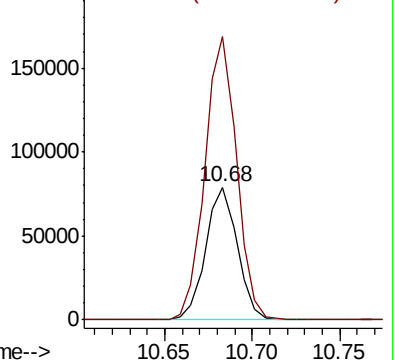
106 100

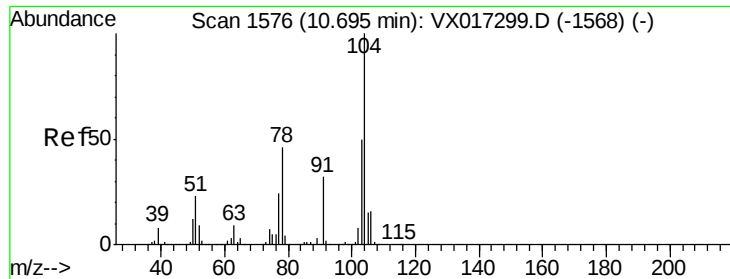
91 212.5 109.6 328.8



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0





#69

Stvrene

Concen: 18.741 ug/l

RT: 10.70 min Scan# 1576

Delta R.T. -0.00 min

Lab File: VX017345.D

Acq: 10 Jul 2020 18:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

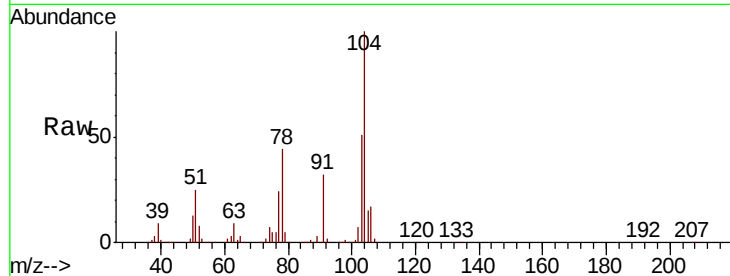
Tot Ion:104 Resp: 176475

Ion Ratio Lower Upper

104 100

78 49.6 40.8 61.2

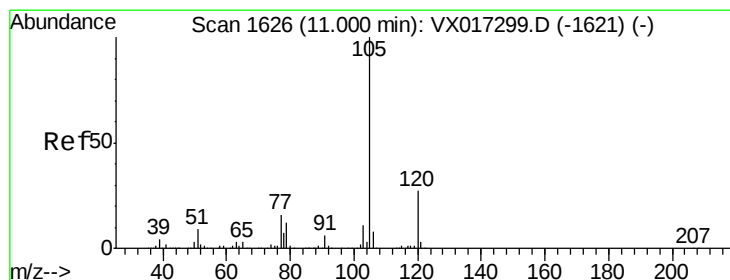
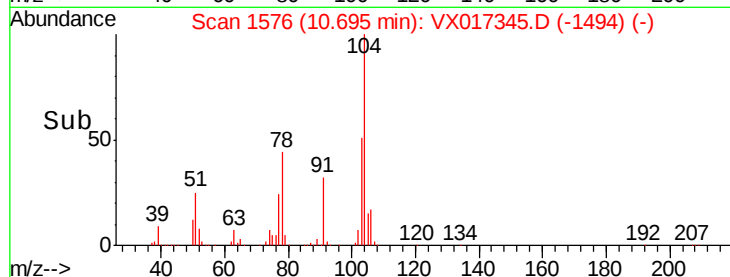
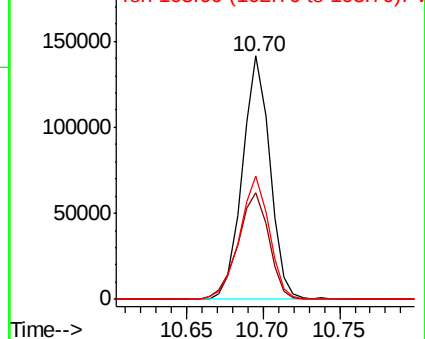
103 54.6 44.3 66.5



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: 19.139 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.00 min

Lab File: VX017345.D

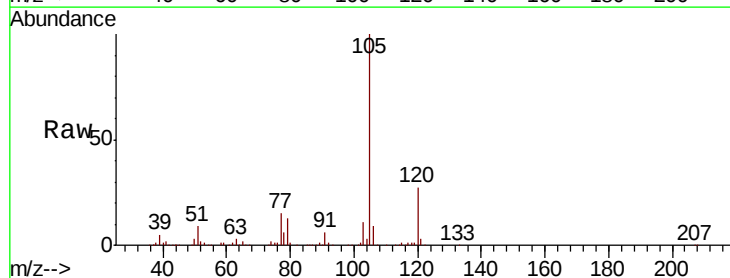
Acq: 10 Jul 2020 18:58

Tgt Ion:105 Resp: 278757

Ion Ratio Lower Upper

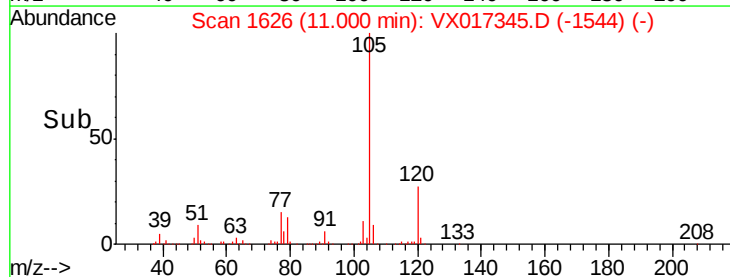
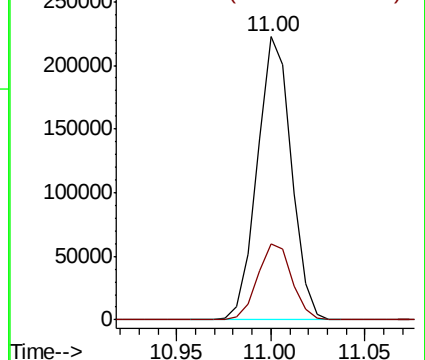
105 100

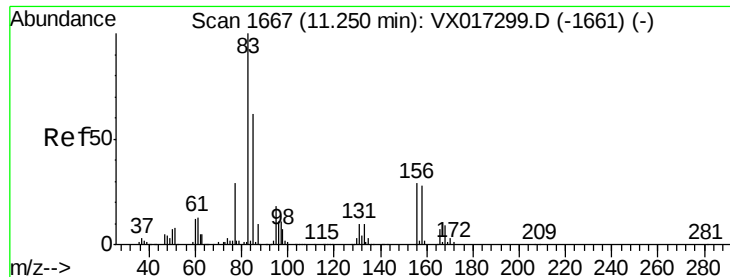
120 27.0 19.3 35.8



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: 19.135 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. -0.00 min

Lab File: VX017345.D

Acq: 10 Jul 2020 18:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

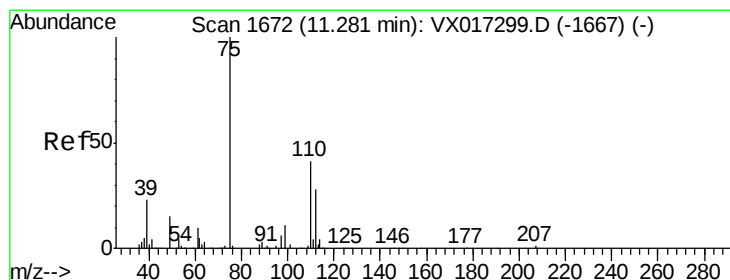
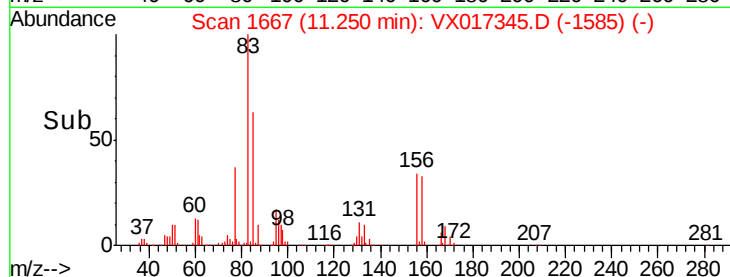
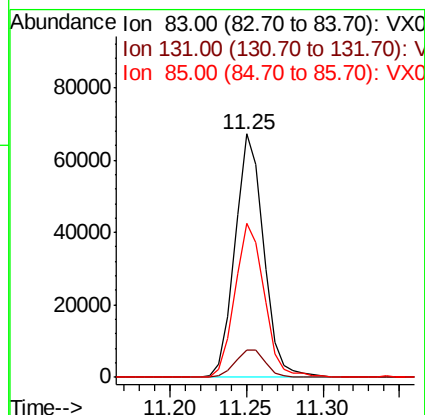
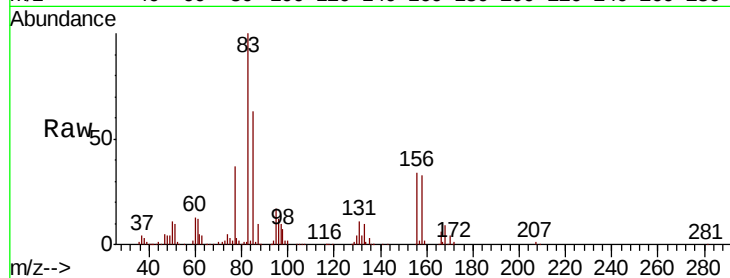
Tot Ion: 83 Resp: 87402

Ion Ratio Lower Upper

83 100

131 11.7 5.5 16.5

85 64.7 31.5 94.5



#72

1,2,3-Trichloropropane

Concen: 19.349 ug/l m

RT: 11.28 min Scan# 1672

Delta R.T. -0.00 min

Lab File: VX017345.D

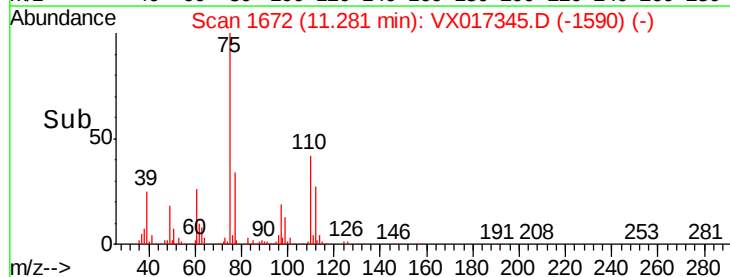
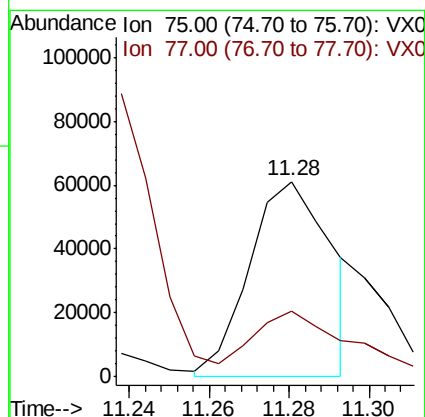
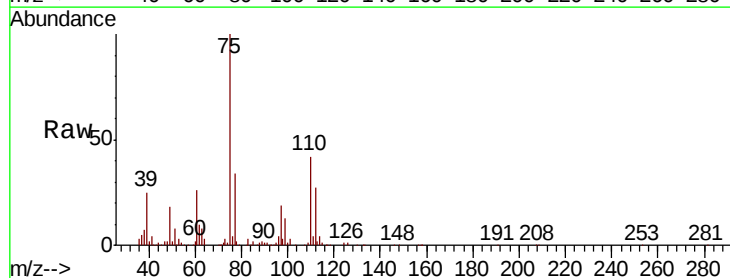
Acq: 10 Jul 2020 18:58

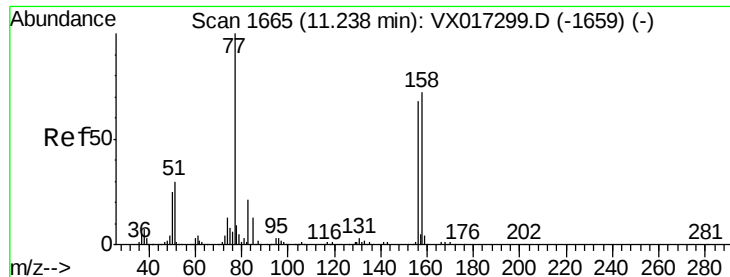
Tgt Ion: 75 Resp: 86817

Ion Ratio Lower Upper

75 100

77 40.0 0.0 72.2





#73

Bromobenzene

Concen: 18.488 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX017345.D

Acq: 10 Jul 2020 18:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

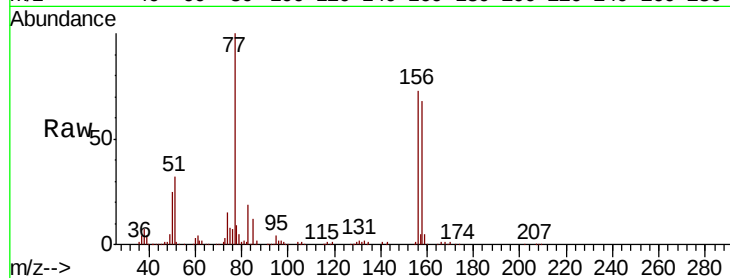
Tot Ion:156 Resp: 75654

Ion Ratio Lower Upper

156 100

77 149.6 0.0 299.2

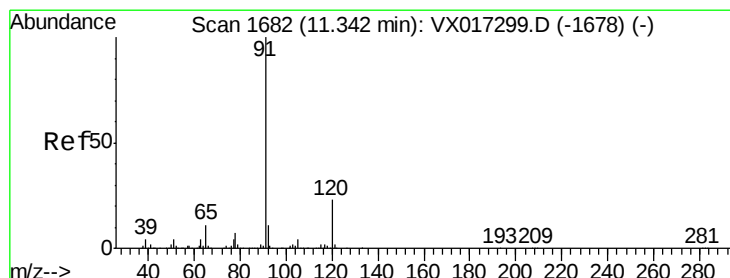
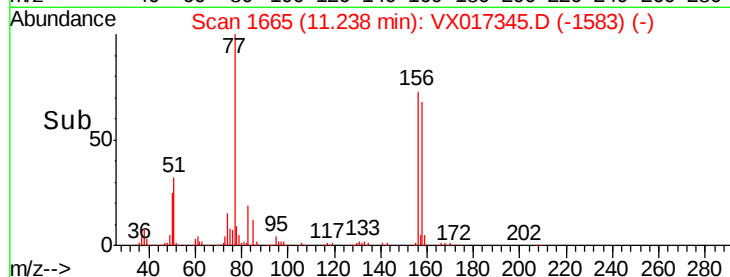
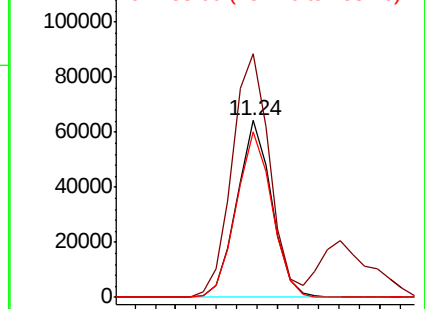
158 96.8 0.0 199.0



Abundance Ion 156.00 (155.70 to 156.70): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 158.00 (157.70 to 158.70): V



#74

n-propylbenzene

Concen: 18.707 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. -0.00 min

Lab File: VX017345.D

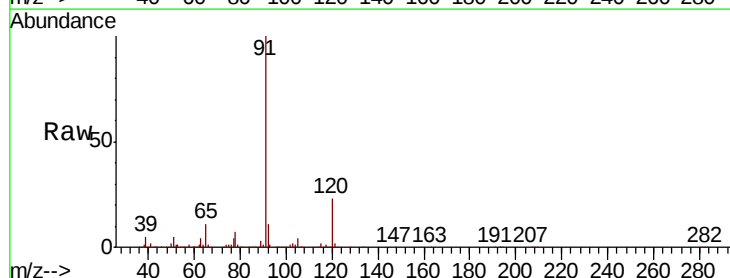
Acq: 10 Jul 2020 18:58

Tgt Ion: 91 Resp: 315626

Ion Ratio Lower Upper

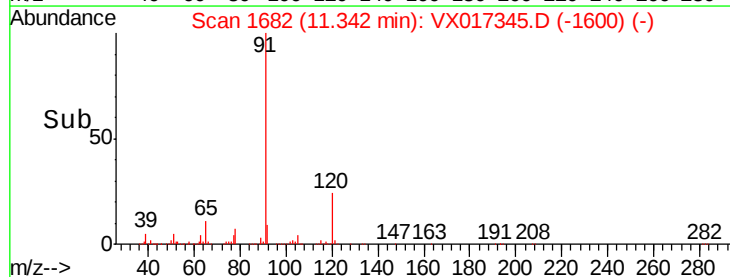
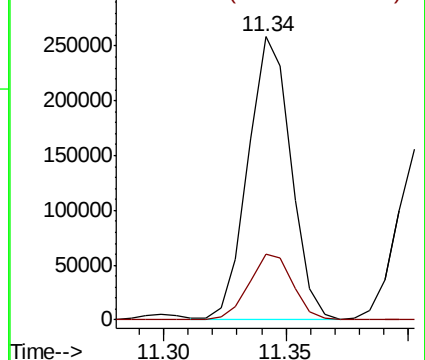
91 100

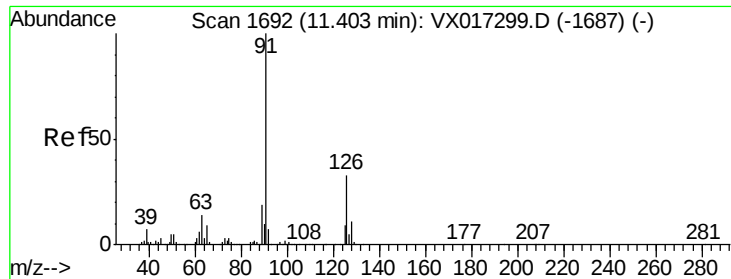
120 23.8 0.0 48.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

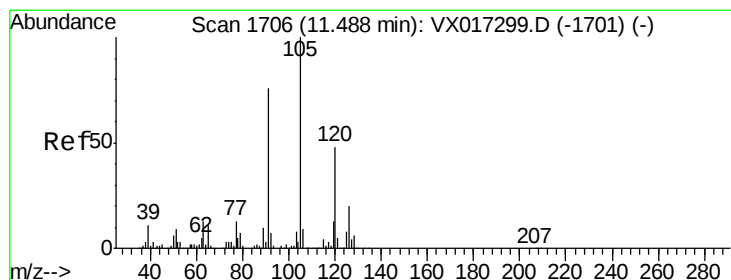
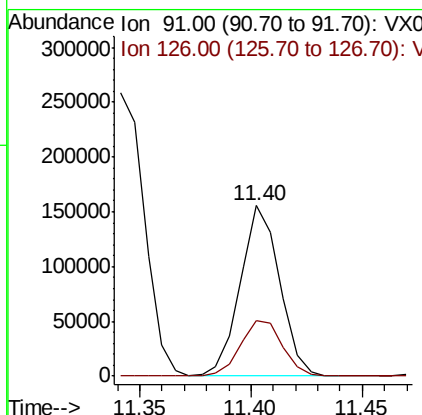
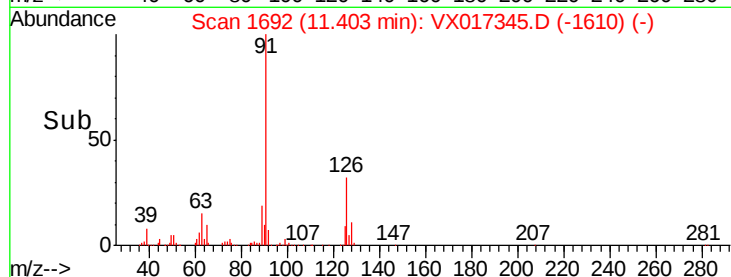
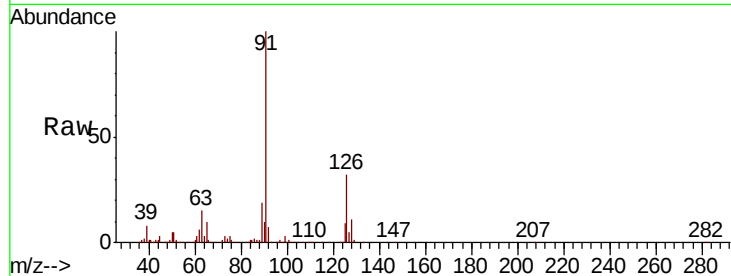




#75
2-Chlorotoluene
Concen: 18.673 ug/l
RT: 11.40 min Scan# 1692
Delta R.T. -0.00 min
Lab File: VX017345.D
Acq: 10 Jul 2020 18:58

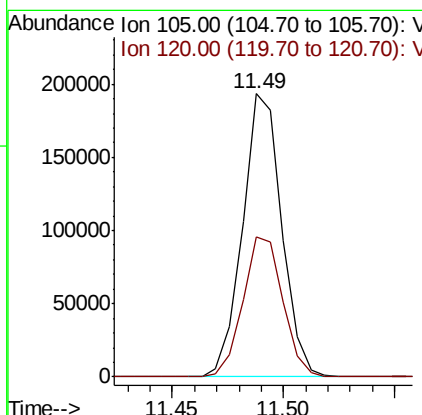
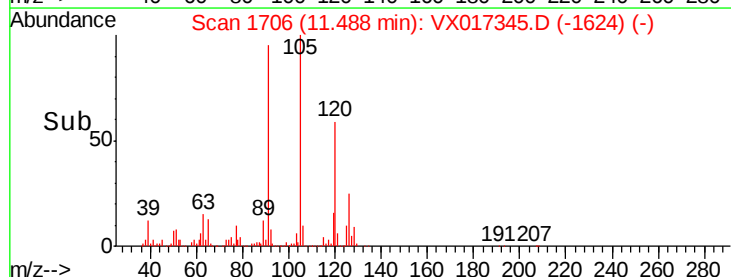
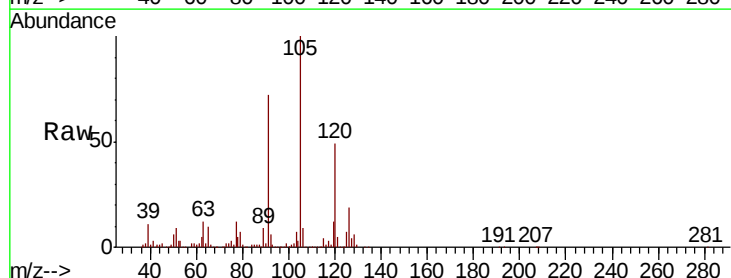
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

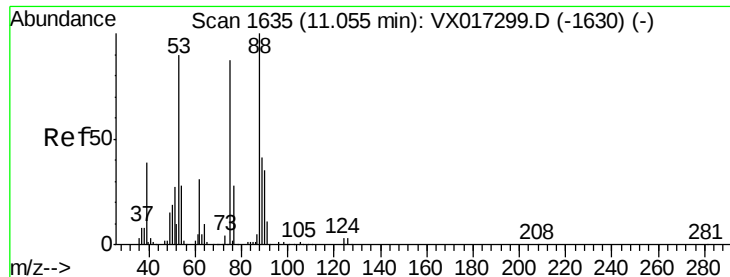
Tot Ion: 91 Resp: 192071
Ion Ratio Lower Upper
91 100
126 34.8 0.0 68.4



#76
1,3,5-Trimethylbenzene
Concen: 18.966 ug/l
RT: 11.49 min Scan# 1706
Delta R.T. -0.00 min
Lab File: VX017345.D
Acq: 10 Jul 2020 18:58

Tgt Ion: 105 Resp: 236990
Ion Ratio Lower Upper
105 100
120 50.5 0.0 98.8





#77

t-1,4-Dichloro-2-butene

Concen: 18.032 ug/l

RT: 11.06 min Scan# 1636

Delta R.T. 0.01 min

Lab File: VX017345.D

Acq: 10 Jul 2020 18:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

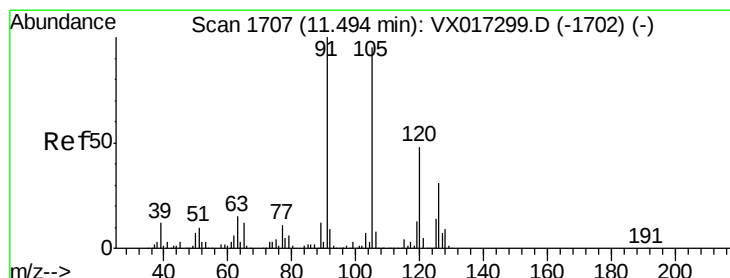
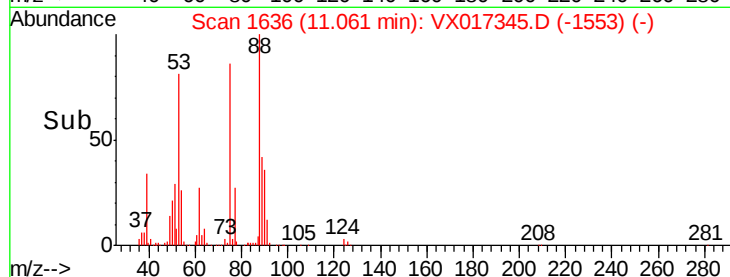
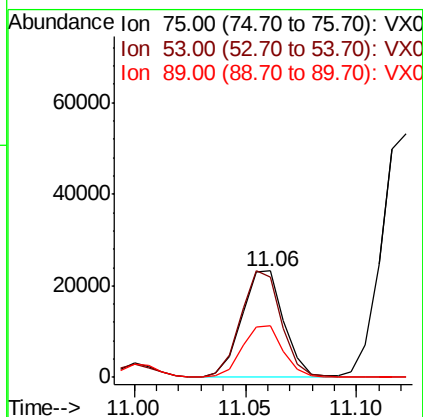
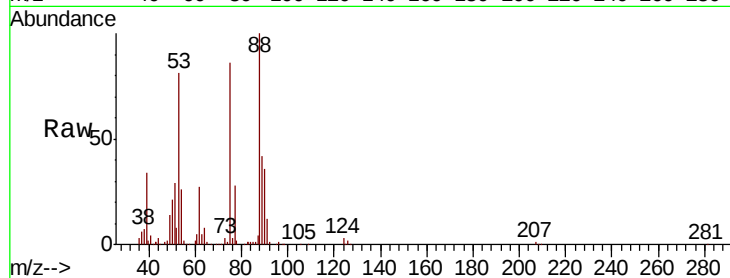
Tot Ion: 75 Resp: 30850

Ion Ratio Lower Upper

75 100

53 94.3 52.1 156.3

89 48.4 23.7 71.1



#78

4-Chlorotoluene

Concen: 18.480 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX017345.D

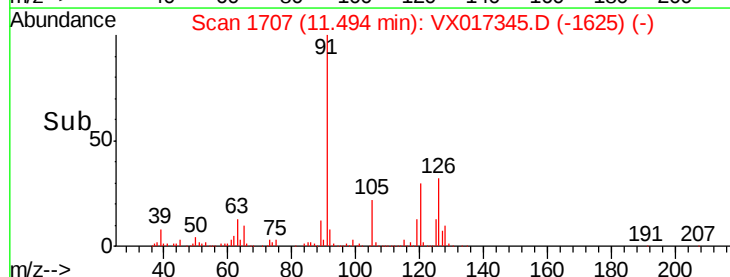
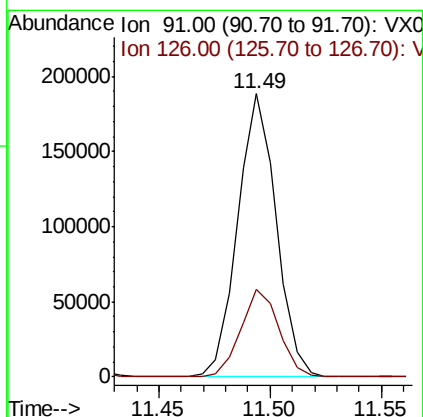
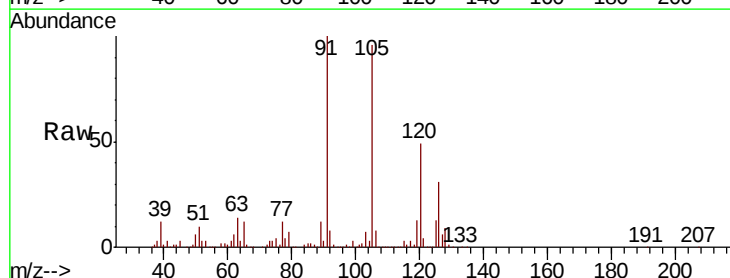
Acq: 10 Jul 2020 18:58

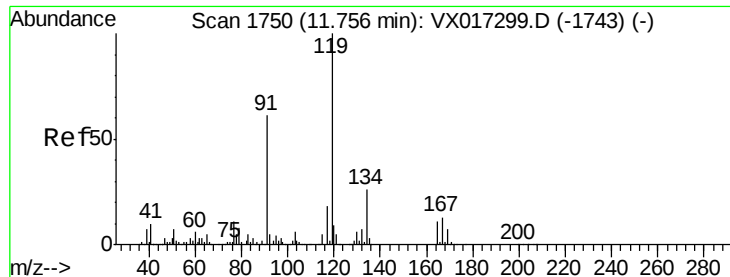
Tgt Ion: 91 Resp: 225334

Ion Ratio Lower Upper

91 100

126 31.0 0.0 61.2





#79

tert-butylbenzene

Concen: 18.994 ug/l

RT: 11.76 min Scan# 1750

Delta R.T. -0.00 min

Lab File: VX017345.D

Acq: 10 Jul 2020 18:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

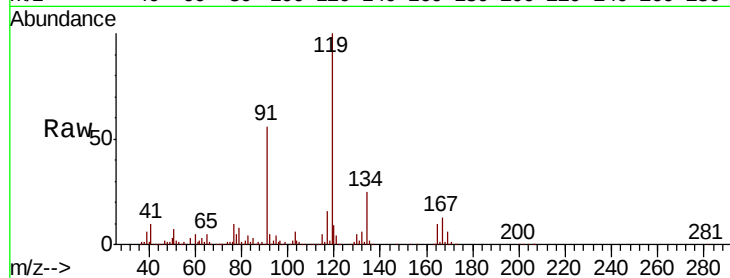
Tot Ion:119 Resp: 230307

Ion Ratio Lower Upper

119 100

91 55.5 0.0 113.6

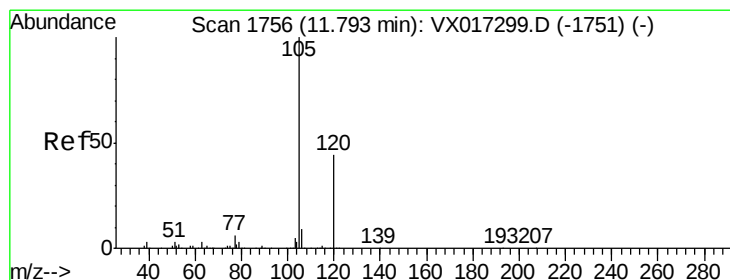
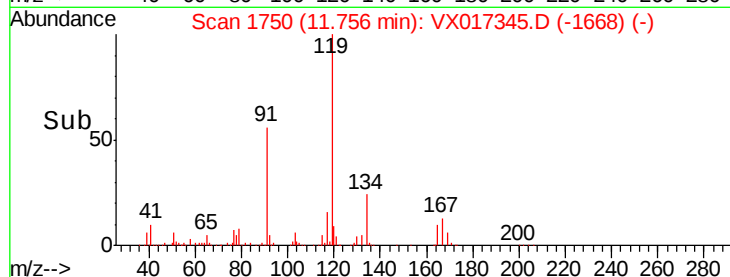
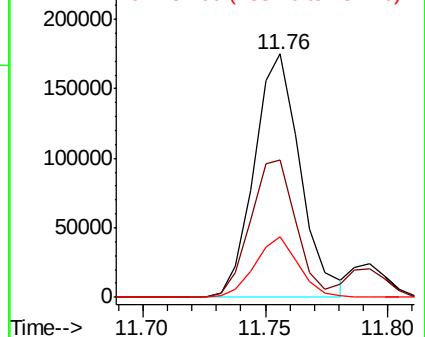
134 23.4 0.0 48.0



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VX0

Ion 134.00 (133.70 to 134.70): V



#80

1,2,4-Trimethylbenzene

Concen: 18.916 ug/l

RT: 11.79 min Scan# 1756

Delta R.T. -0.00 min

Lab File: VX017345.D

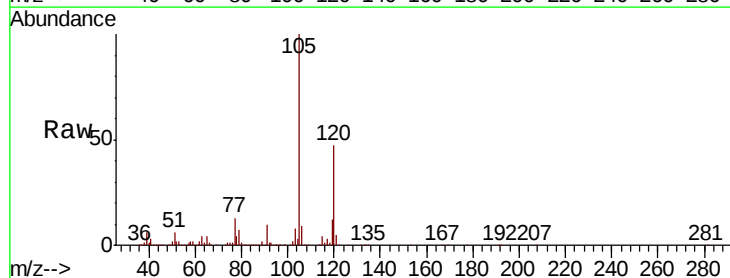
Acq: 10 Jul 2020 18:58

Tgt Ion:105 Resp: 238460

Ion Ratio Lower Upper

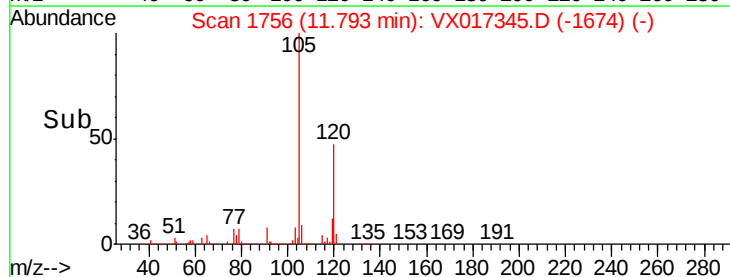
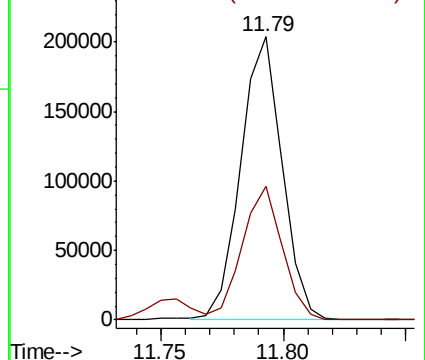
105 100

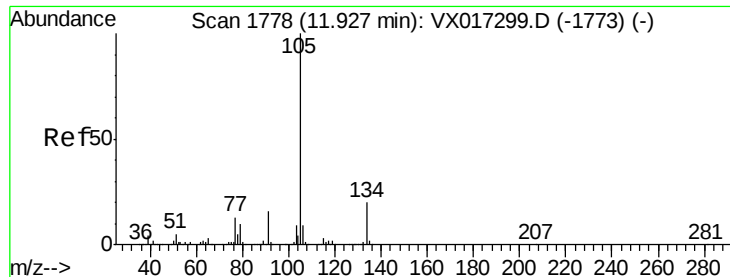
120 46.2 0.0 93.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

sec-Butylbenzene

Concen: 18.863 ug/l

RT: 11.93 min Scan# 1779

Delta R.T. 0.01 min

Lab File: VX017345.D

Acq: 10 Jul 2020 18:58

Instrument :

MSVOA_X

ClientSampleId :

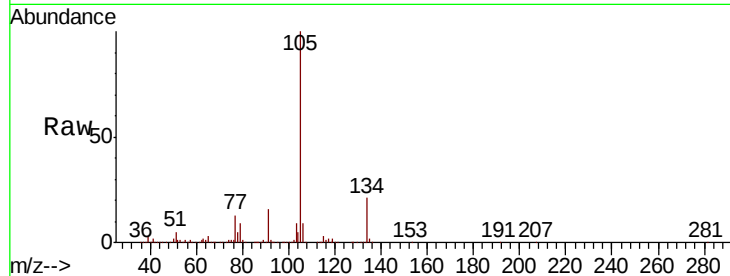
VSTDCCC020EC

Tot Ion:105 Resp: 263632

Ion Ratio Lower Upper

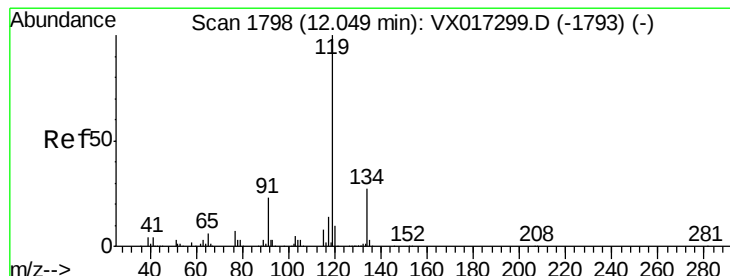
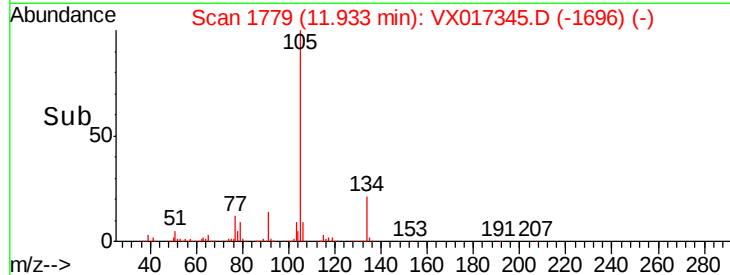
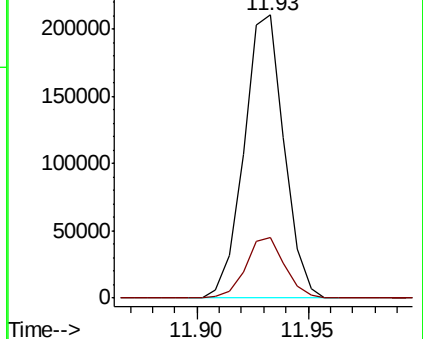
105 100

134 20.9 0.0 41.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#82

p-Isopropyltoluene

Concen: 18.974 ug/l

RT: 12.05 min Scan# 1798

Delta R.T. -0.00 min

Lab File: VX017345.D

Acq: 10 Jul 2020 18:58

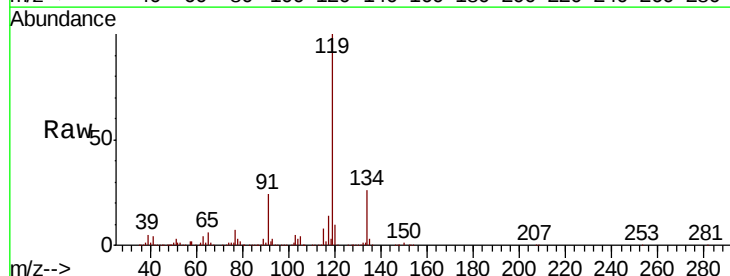
Tgt Ion:119 Resp: 250749

Ion Ratio Lower Upper

119 100

134 26.4 0.0 53.6

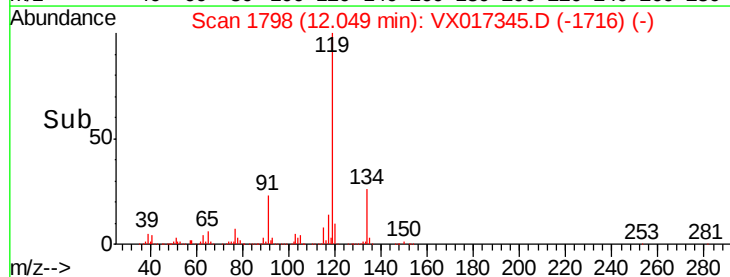
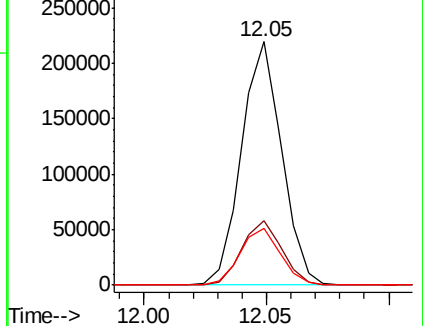
91 23.5 0.0 48.0

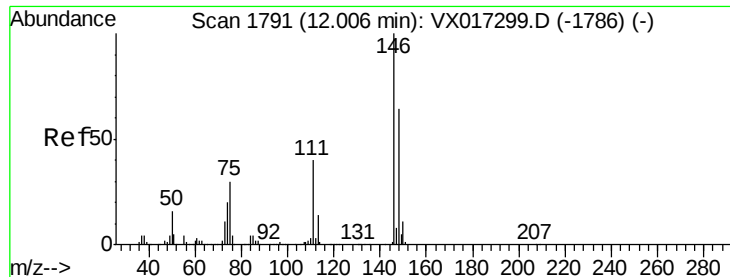


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

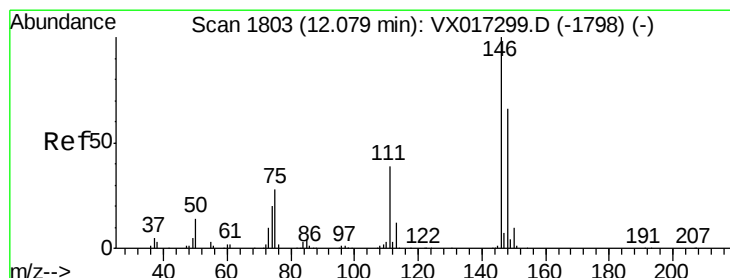
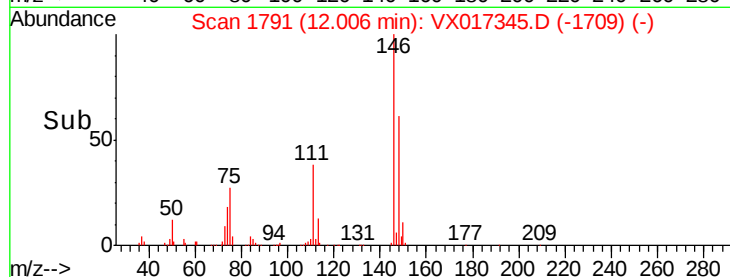
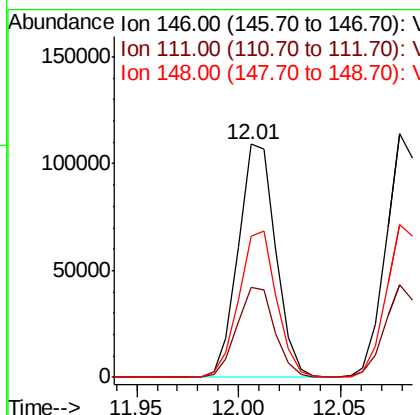
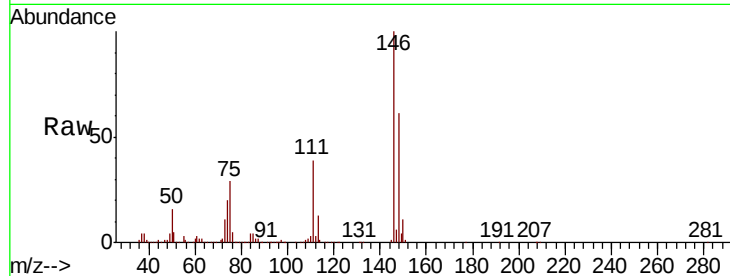




#83
 1,3-Dichlorobenzene
 Concen: 18.972 ug/l
 RT: 12.01 min Scan# 1791
 Delta R.T. -0.00 min
 Lab File: VX017345.D
 Acq: 10 Jul 2020 18:58

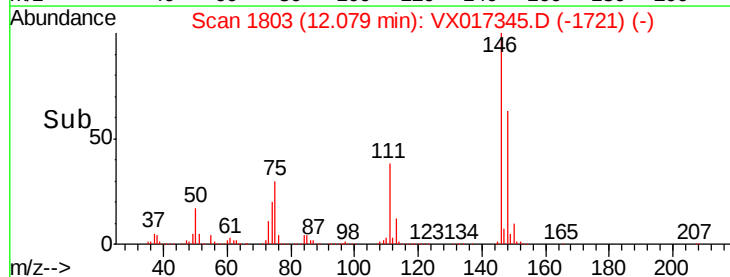
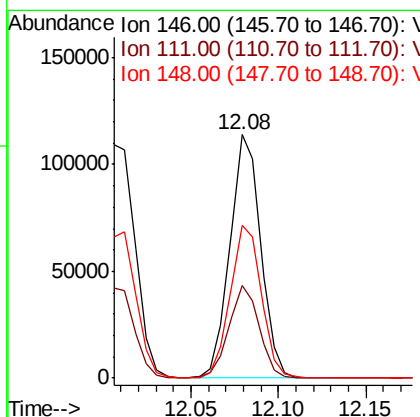
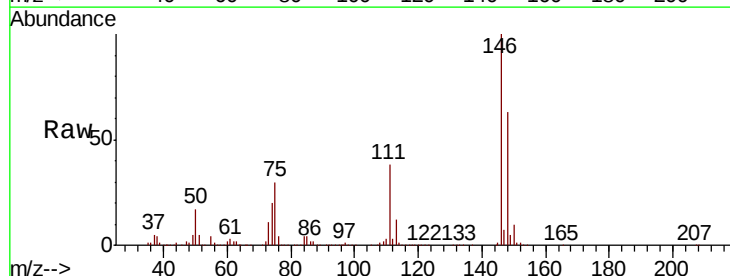
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

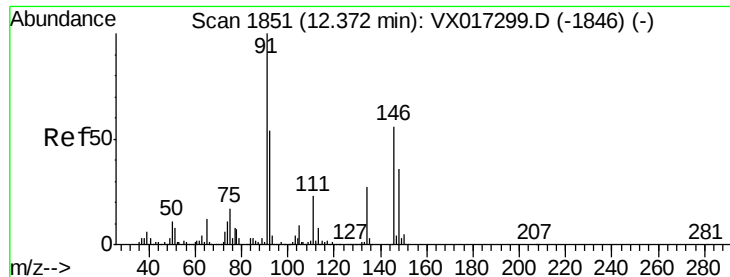
Tot Ion	Ratio	Lower	Upper
146	100		
111	38.9	19.5	58.5
148	63.4	31.8	95.3



#84
 1,4-Dichlorobenzene
 Concen: 18.738 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. -0.00 min
 Lab File: VX017345.D
 Acq: 10 Jul 2020 18:58

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.9	19.1	57.3
148	63.8	32.6	97.8

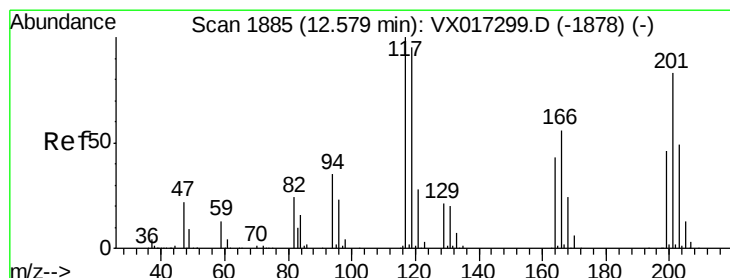
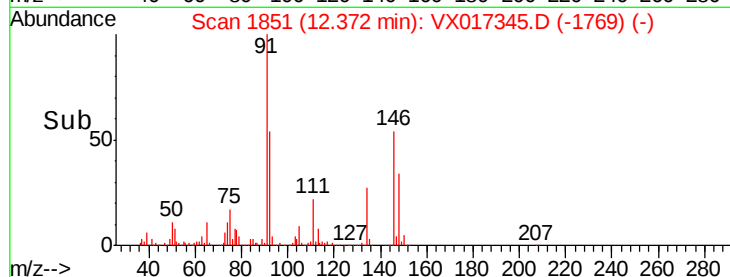
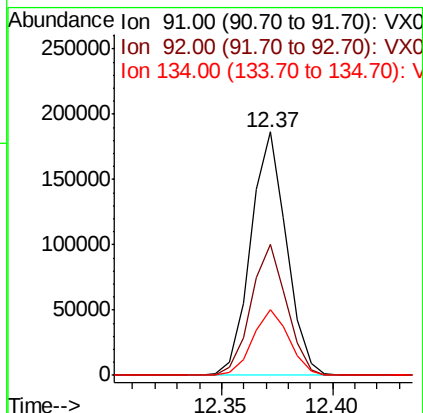
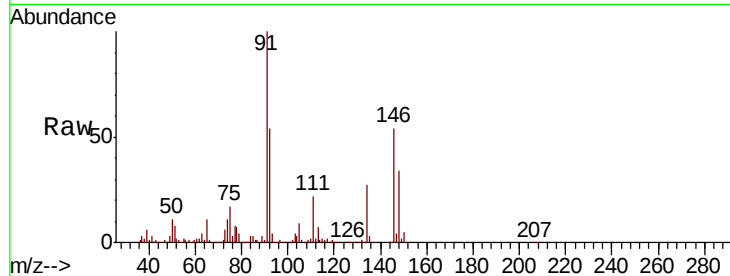




#85
n-Butylbenzene
Concen: 18.655 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. -0.00 min
Lab File: VX017345.D
Acq: 10 Jul 2020 18:58

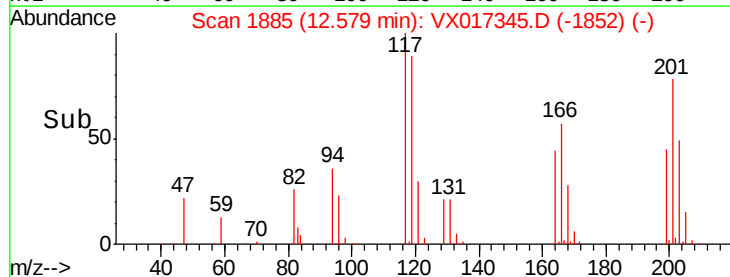
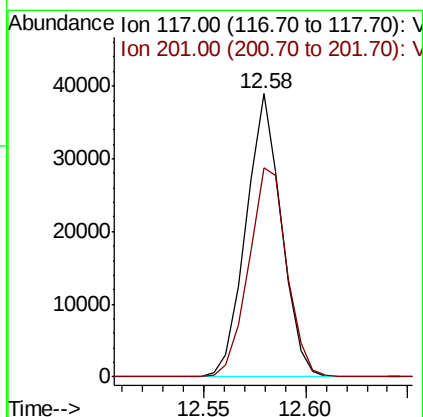
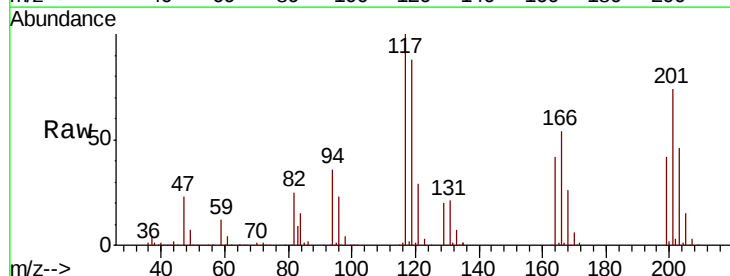
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

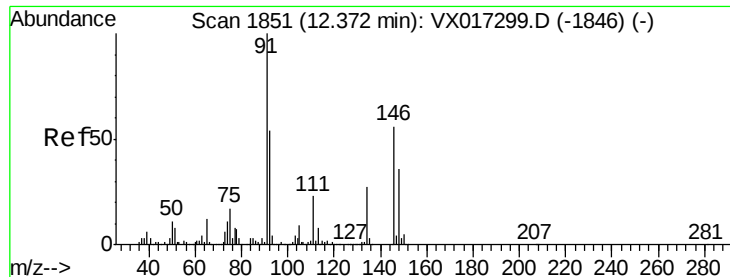
Tot Ion: 91 Resp: 208318
Ion Ratio Lower Upper
91 100
92 53.6 0.0 108.2
134 27.4 0.0 54.2



#86
Hexachloroethane
Concen: 18.355 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX017345.D
Acq: 10 Jul 2020 18:58

Tgt Ion: 117 Resp: 46926
Ion Ratio Lower Upper
117 100
201 79.7 41.0 123.0





#87

1,2-Dichlorobenzene

Concen: 18.520 ug/l

RT: 12.37 min Scan# 1851

Delta R.T. -0.00 min

Lab File: VX017345.D

Acq: 10 Jul 2020 18:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

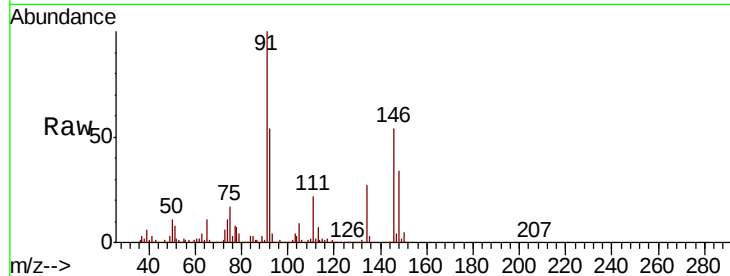
Tot Ion:146 Resp: 130420

Ion Ratio Lower Upper

146 100

111 40.2 20.6 61.9

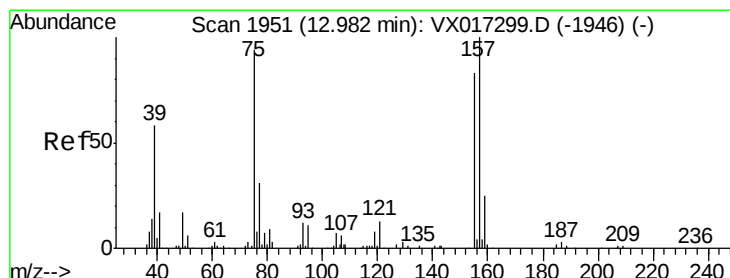
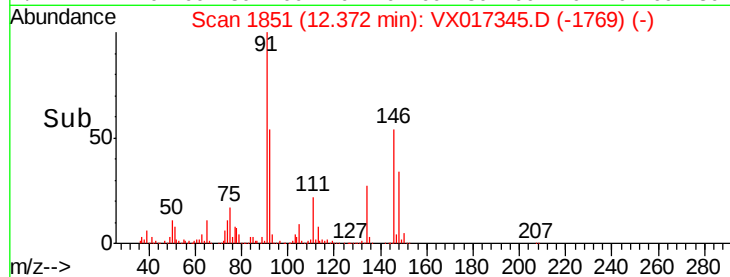
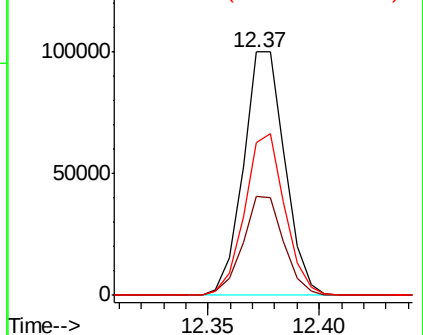
148 64.0 31.6 94.8



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



#88

1,2-Dibromo-3-Chloropropane

Concen: 19.154 ug/l

RT: 12.98 min Scan# 1951

Delta R.T. -0.00 min

Lab File: VX017345.D

Acq: 10 Jul 2020 18:58

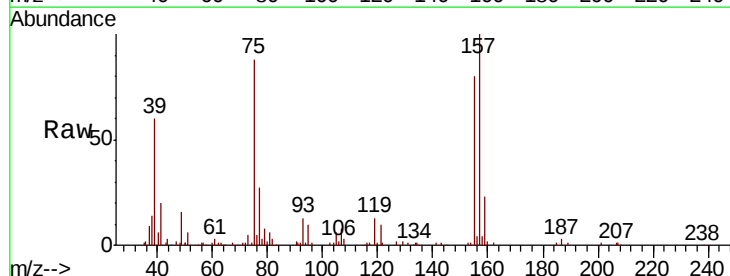
Tgt Ion: 75 Resp: 21197

Ion Ratio Lower Upper

75 100

155 91.9 73.4 110.0

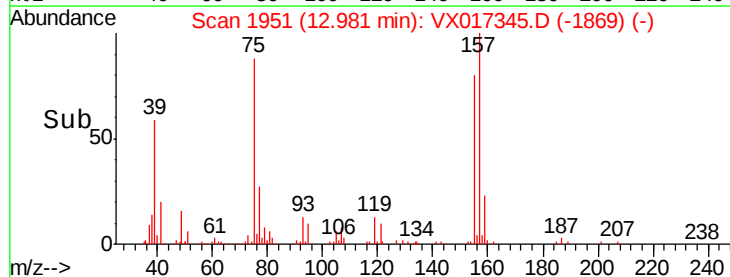
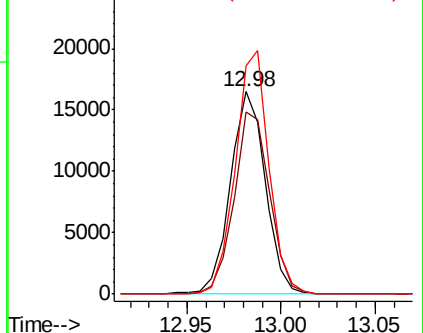
157 115.4 90.5 135.7

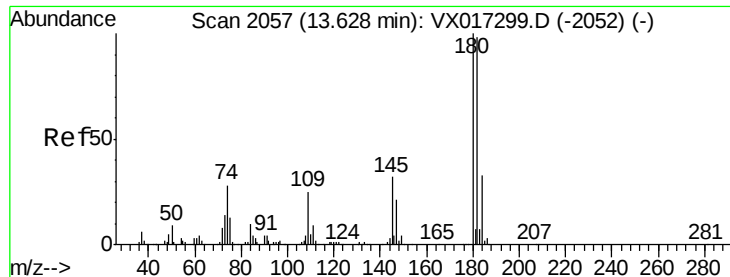


Abundance Ion 75.00 (74.70 to 75.70): VX0

Ion 155.00 (154.70 to 155.70): V

Ion 157.00 (156.70 to 157.70): V

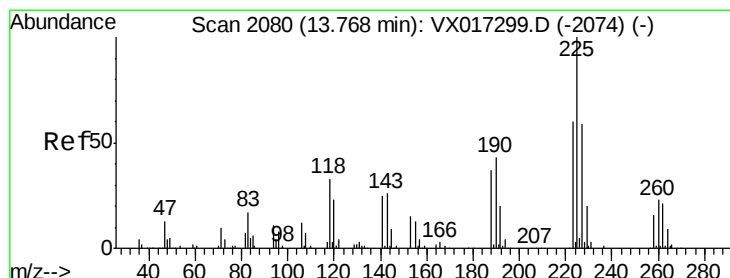
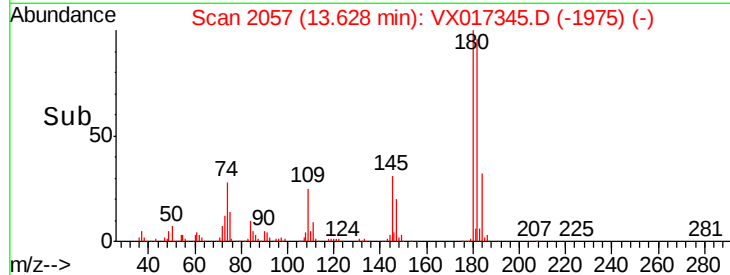
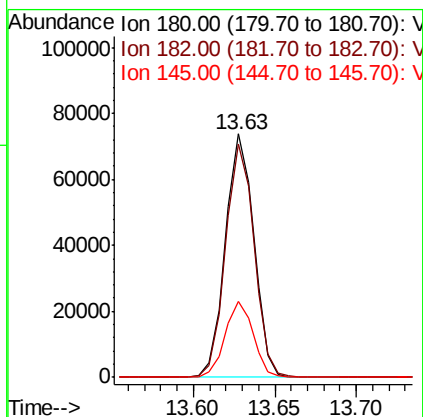
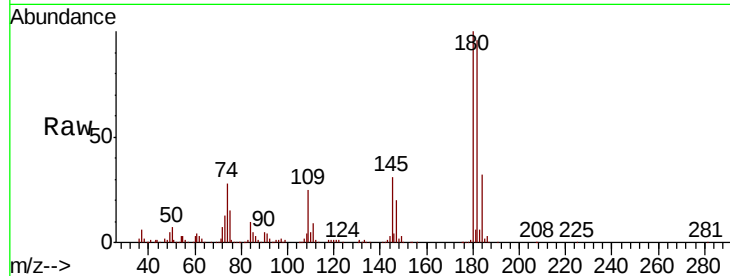




#89
 1,2,4-Trichlorobenzene
 Concen: 18.785 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. -0.00 min
 Lab File: VX017345.D
 Acq: 10 Jul 2020 18:58

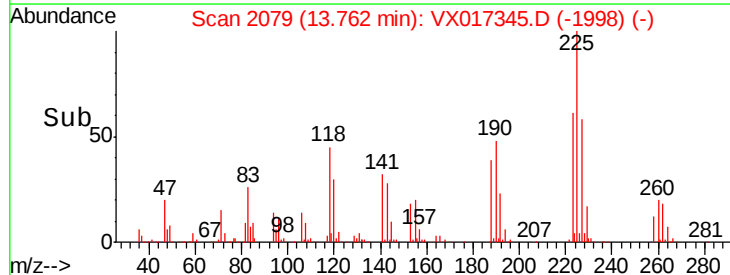
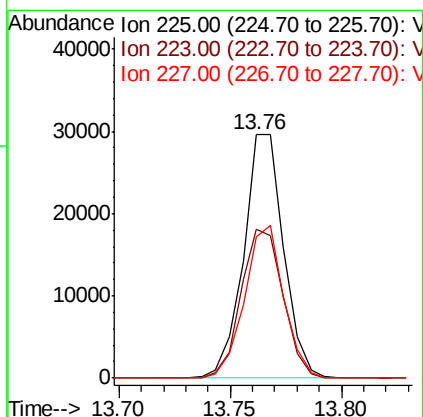
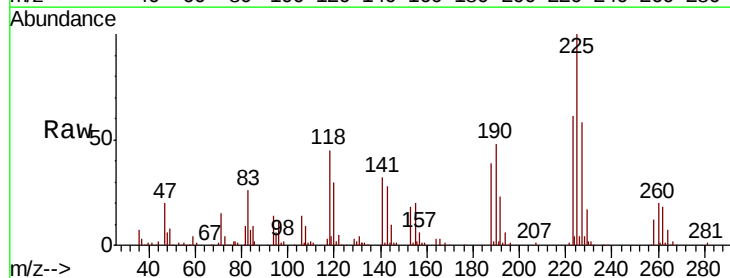
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

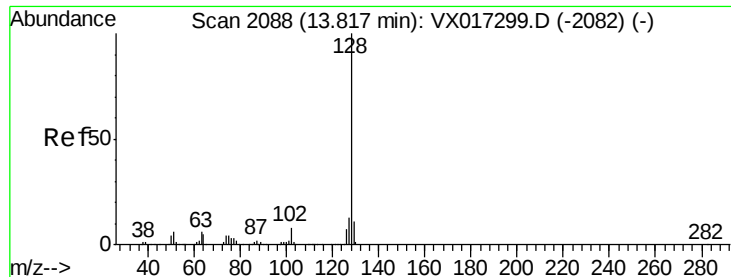
Tot Ion:180 Resp: 89718
 Ion Ratio Lower Upper
 180 100
 182 96.2 77.8 116.8
 145 30.5 25.0 37.4



#90
 Hexachlorobutadiene
 Concen: 19.379 ug/l
 RT: 13.76 min Scan# 2079
 Delta R.T. -0.01 min
 Lab File: VX017345.D
 Acq: 10 Jul 2020 18:58

Tgt Ion:225 Resp: 37129
 Ion Ratio Lower Upper
 225 100
 223 63.8 0.0 129.0
 227 61.3 0.0 124.4





#91

Naphthalene

Concen: 19.720 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. -0.00 min

Lab File: VX017345.D

Acq: 10 Jul 2020 18:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

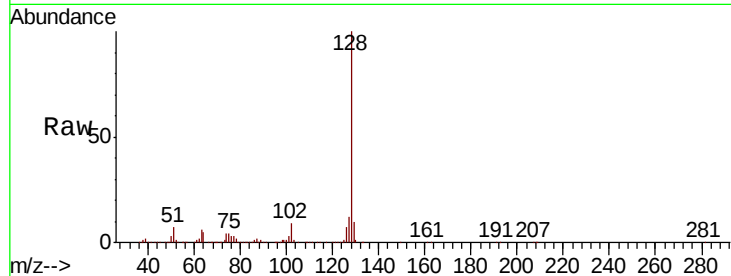
Tot Ion:128 Resp: 288754

Ion Ratio Lower Upper

128 100

127 12.6 10.3 15.5

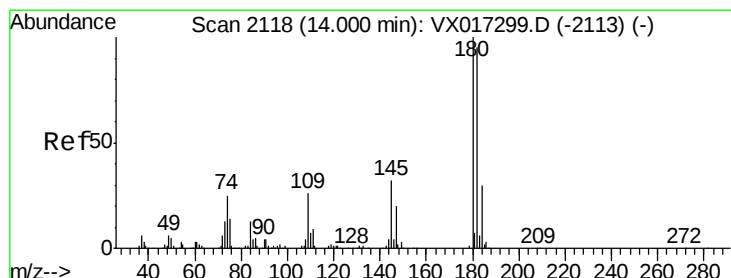
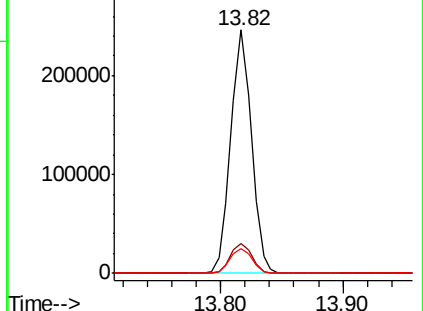
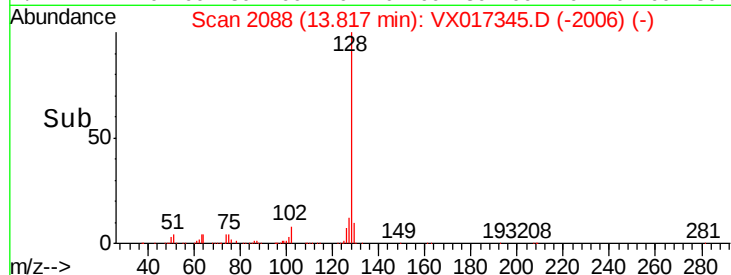
129 10.8 9.0 13.4



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#92

1,2,3-Trichlorobenzene

Concen: 19.148 ug/l

RT: 14.01 min Scan# 2119

Delta R.T. 0.01 min

Lab File: VX017345.D

Acq: 10 Jul 2020 18:58

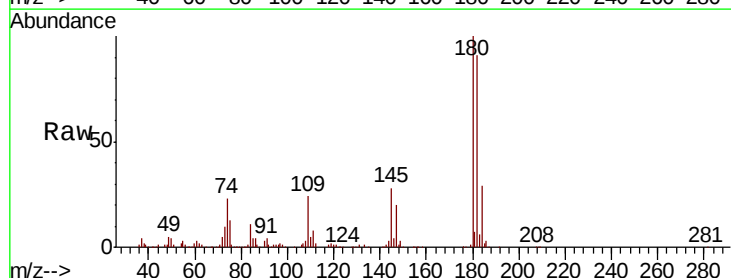
Tgt Ion:180 Resp: 90959

Ion Ratio Lower Upper

180 100

182 95.0 0.0 185.6

145 30.9 0.0 63.0



Abundance Ion 180.00 (179.70 to 180.70): V

Ion 182.00 (181.70 to 182.70): V

Ion 145.00 (144.70 to 145.70): V

