

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX090420\
 Data File : VX018261.D
 Acq On : 04 Sep 2020 15:36
 Operator : JC/SP
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

Quant Time: Sep 05 06:33:23 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X090420W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Sep 04 12:13:41 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	4.98	128	82060	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.84	114	419132	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.10	117	404847	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.04	65	191171	29.53	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	98.43%
60) 4-Bromofluorobenzene	11.12	95	206272	29.40	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	98.00%
63) Toluene-d8	8.70	98	537662	30.13	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	100.43%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.18	85	84602	19.484	ug/l 97
3) Chloromethane	1.31	50	90185	19.553	ug/l 98
4) Vinyl Chloride	1.39	62	94600	19.478	ug/l 100
5) Bromomethane	1.64	94	50295	15.221	ug/l 94
6) Chloroethane	1.71	64	58652	19.869	ug/l 100
7) Trichlorofluoromethane	1.92	101	159968	19.436	ug/l 97
8) Diethyl Ether	2.17	74	51304	19.772	ug/l 97
9) 1,1,2-Trichlorotrifluoroet	2.37	101	80825	19.220	ug/l 100
10) 1,1-Dichloroethene	2.36	96	82323	19.943	ug/l 97
11) Methyl Iodide	2.50	142	45750	14.873	ug/l 89
12) Methyl Acetate	2.75	43	113341	20.858	ug/l 100
13) Acrolein	2.28	56	35526	81.011	ug/l 99
14) Acrylonitrile	3.12	53	252898	102.714	ug/l 99
15) Acetone	2.42	58	70983	106.035	ug/l 87
16) Carbon Disulfide	2.55	76	233252	19.406	ug/l 97
17) Allyl chloride	2.71	41	144349	19.564	ug/l 99
18) Methylene Chloride	2.84	84	91793	18.947	ug/l 92
19) trans-1,2-Dichloroethene	3.15	96	88302	19.267	ug/l 98
20) Diisopropyl ether	3.83	45	290932	19.918	ug/l 98
21) 1,1-Dichloroethane	3.67	63	165798	19.776	ug/l 99
22) cis-1,2-Dichloroethene	4.57	96	100489	19.817	ug/l 98
23) tert-Butyl Alcohol	3.01	59	110247	103.328	ug/l # 99
24) Methyl tert-Butyl Ether	3.17	73	290149	19.771	ug/l 99
25) Chloroform	5.18	83	174882	19.545	ug/l 98
26) Cyclohexane	5.55	56	130107	19.226	ug/l # 48
29) 1,1-Dichloropropene	5.77	75	121655	19.015	ug/l 99
30) 2-Butanone	4.64	43	359768	102.698	ug/l 100
31) 2,2-Dichloropropane	4.55	77	141983	18.372	ug/l 98
32) 1,1,1-Trichloroethane	5.46	97	167779	20.035	ug/l 99
33) Carbon Tetrachloride	5.76	117	151002	19.351	ug/l 96
34) Benzene	6.12	78	358757	19.644	ug/l 97
35) Methacrylonitrile	5.01	41	77203	20.912	ug/l 94
36) 1,2-Dichloroethane	6.17	62	149928	19.836	ug/l # 100
37) Trichloroethene	7.19	130	103628	19.623	ug/l 98
38) Methylcyclohexane	7.44	83	129952	19.069	ug/l 97
39) 1,2-Dichloropropane	7.49	63	96293	19.686	ug/l 97
40) Dibromomethane	7.64	93	70873	20.064	ug/l 99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Bromodichloromethane	7.88	83	142416	19.453	ug/l	96
42) Vinyl Acetate	3.79	43	1314216	100.553	ug/l	100
43) Ethyl Acetate	4.79	43	141620	20.330	ug/l	99
44) Isopropyl Acetate	6.42	43	221450	19.727	ug/l	96
45) 1,4-Dioxane	7.71	88	34992	373.110	ug/l #	88
46) Methyl methacrylate	7.74	41	108516	19.641	ug/l	93
47) n-amyl Acetate	10.88	43	192954	19.561	ug/l	100
48) t-1,3-Dichloropropene	9.02	75	155352	19.755	ug/l	97
49) cis-1,3-Dichloropropene	8.41	75	160914	19.478	ug/l	97
50) 1,1,2-Trichloroethane	9.20	97	98876	20.088	ug/l	99
51) Ethyl methacrylate	9.16	69	135652	19.025	ug/l	97
52) 1,3-Dichloropropane	9.35	76	158880	19.447	ug/l	96
53) Dibromochloromethane	9.57	129	116727	19.073	ug/l	98
54) 1,2-Dibromoethane	9.65	107	108043	20.010	ug/l	95
55) 2-Chloroethyl vinyl ether	8.29	63	376719	101.177	ug/l	99
56) Bromoform	10.84	173	88690	19.073	ug/l	99
58) 4-Methyl-2-Pentanone	8.62	43	711417	102.167	ug/l	100
59) 2-Hexanone	9.48	43	534358	101.314	ug/l	100
61) Tetrachloroethene	9.32	164	99266	19.660	ug/l	92
62) Toluene	8.77	91	400510	19.657	ug/l	99
64) Chlorobenzene	10.12	112	254122	19.409	ug/l	96
65) 1,1,1,2-Tetrachloroethane	10.21	131	105808	19.954	ug/l	96
66) Ethyl Benzene	10.24	91	442961	19.676	ug/l	98
67) m/p-Xylenes	10.34	106	339548	39.439	ug/l	97
68) o-Xylene	10.68	106	157174	19.321	ug/l	98
69) Styrene	10.70	104	276557	19.485	ug/l	98
70) Isopropylbenzene	11.00	105	437136	19.323	ug/l	99
71) 1,1,2,2-Tetrachloroethane	11.25	83	147749	19.985	ug/l	96
72) 1,2,3-Trichloropropane	11.28	75	173946	24.489	ug/l	92
73) Bromobenzene	11.24	156	117951	19.031	ug/l	97
74) n-propylbenzene	11.34	91	504970	18.957	ug/l	99
75) 2-Chlorotoluene	11.40	91	310049	19.204	ug/l	98
76) 1,3,5-Trimethylbenzene	11.49	105	384397	19.504	ug/l	100
77) t-1,4-Dichloro-2-butene	11.05	75	48523	17.579	ug/l	91
78) 4-Chlorotoluene	11.49	91	366698	19.040	ug/l	100
79) tert-butylbenzene	11.76	119	371026	19.543	ug/l	98
80) 1,2,4-Trimethylbenzene	11.79	105	379171	19.452	ug/l	100
81) sec-Butylbenzene	11.93	105	410479	18.510	ug/l	99
82) p-Isopropyltoluene	12.05	119	387487	18.741	ug/l	99
83) 1,3-Dichlorobenzene	12.01	146	215294	19.428	ug/l	99
84) 1,4-Dichlorobenzene	12.08	146	214010	19.314	ug/l	100
85) n-Butylbenzene	12.37	91	336187	18.468	ug/l	99
86) Hexachloroethane	12.58	117	75222	18.478	ug/l	97
87) 1,2-Dichlorobenzene	12.38	146	204977	19.754	ug/l	100
88) 1,2-Dibromo-3-Chloropropan	12.98	75	37602	19.882	ug/l	96
89) 1,2,4-Trichlorobenzene	13.63	180	130924	18.649	ug/l	98
90) Hexachlorobutadiene	13.76	225	52632	17.724	ug/l	87
91) Naphthalene	13.82	128	420000	19.170	ug/l	99
92) 1,2,3-Trichlorobenzene	14.00	180	134574	19.377	ug/l	99

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QLast Update : Fri Sep 04 12:13:41 2020
Response via : Initial Calibration

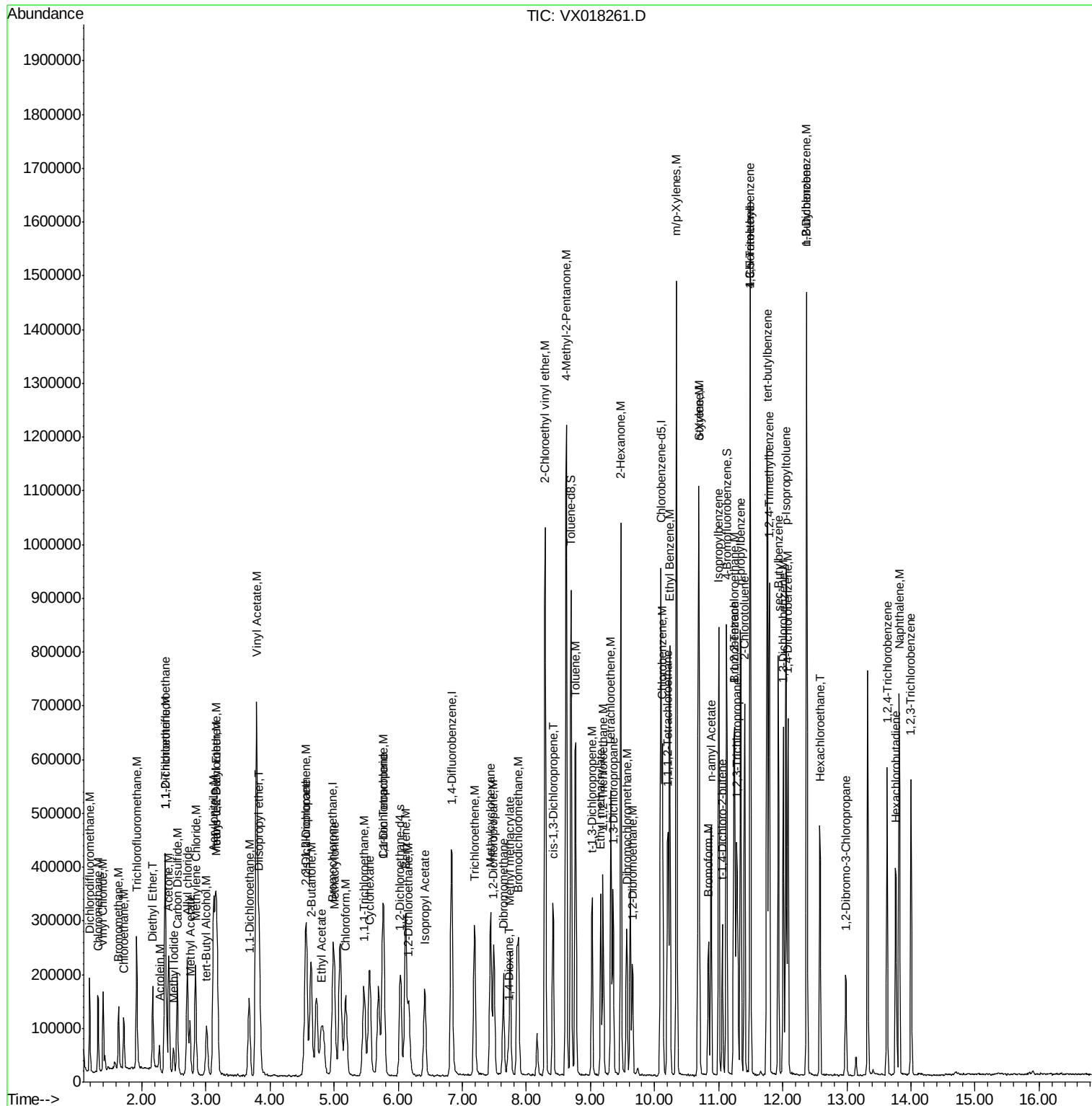
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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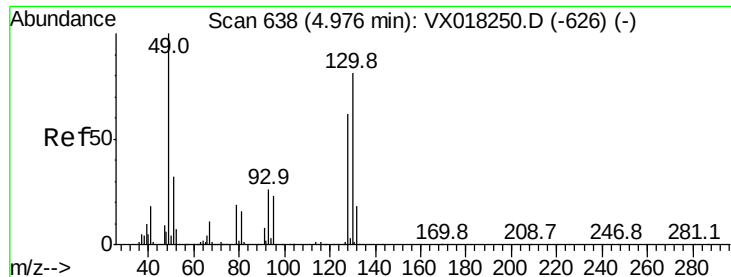
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 4.98 min Scan# 638

Delta R.T. 0.00 min

Lab File: VX018261.D

Acq: 04 Sep 2020 15:36

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

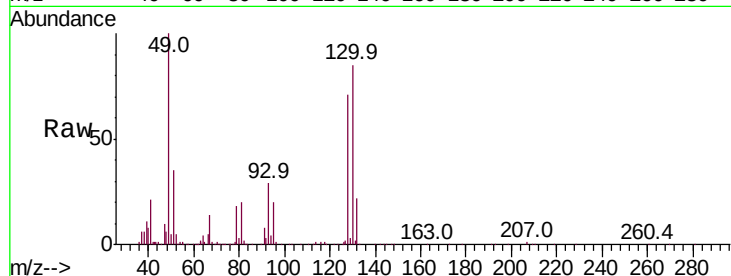
Tot Ion:128 Resp: 82060

Ion Ratio Lower Upper

128 100

49 152.8 0.0 392.0

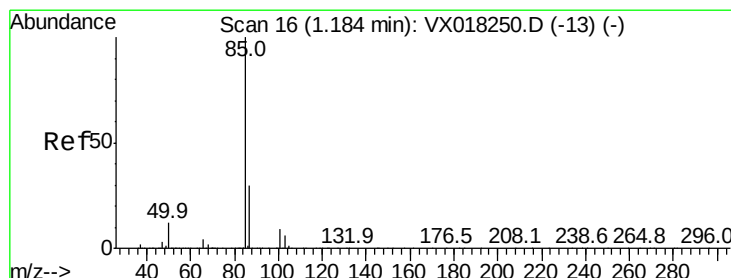
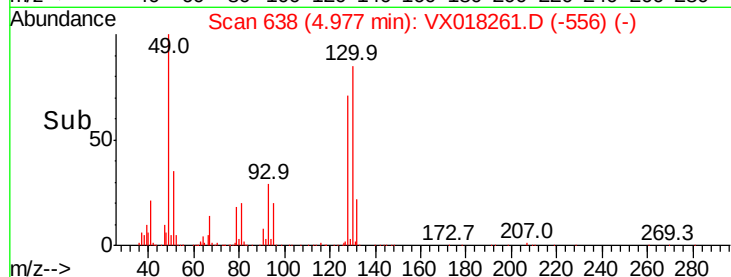
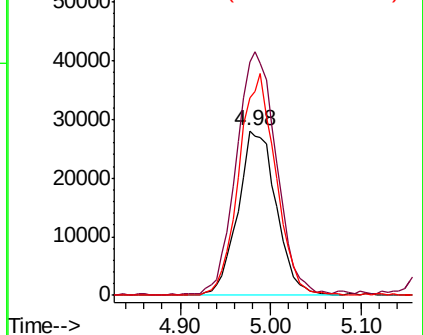
130 129.6 0.0 320.2



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: 19.484 ug/l

RT: 1.18 min Scan# 16

Delta R.T. 0.00 min

Lab File: VX018261.D

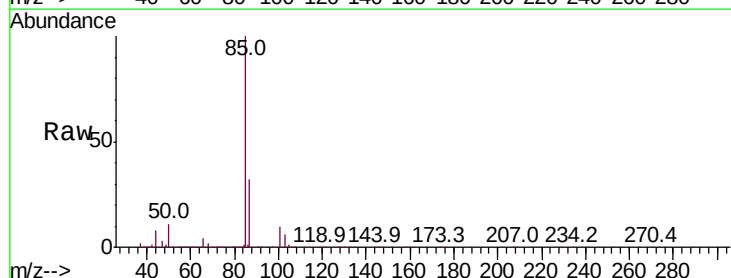
Acq: 04 Sep 2020 15:36

Tgt Ion: 85 Resp: 84602

Ion Ratio Lower Upper

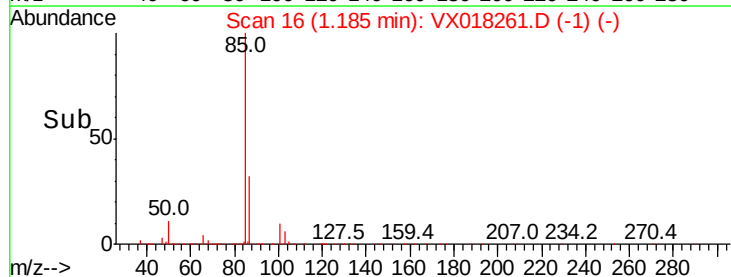
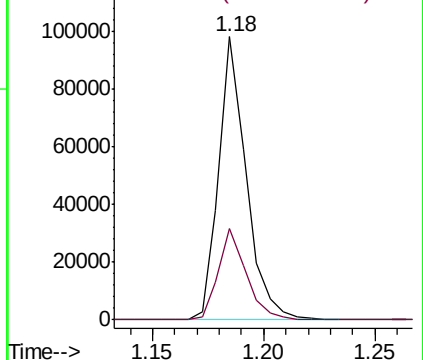
85 100

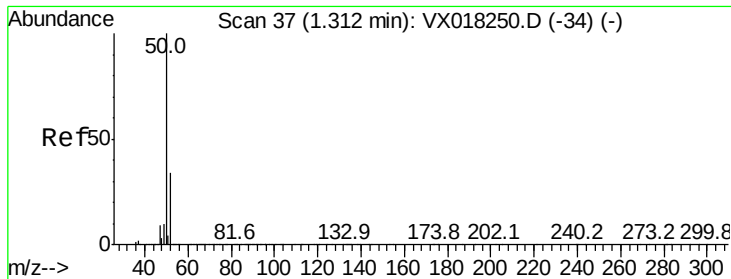
87 32.0 15.1 45.3



Abundance Ion 85.00 (84.70 to 85.70): VX0

Ion 87.00 (86.70 to 87.70): VX0





#3

Chloromethane

Concen: 19.553 ug/l

RT: 1.31 min Scan# 37

Delta R.T. 0.00 min

Lab File: VX018261.D

Acq: 04 Sep 2020 15:36

Instrument :

MSVOA_X

ClientSampleId :

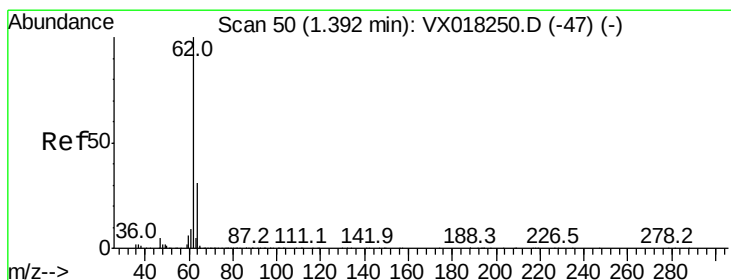
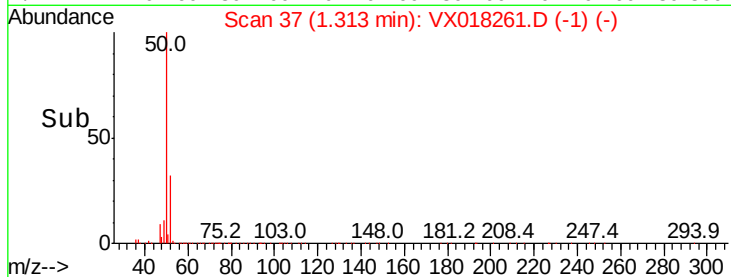
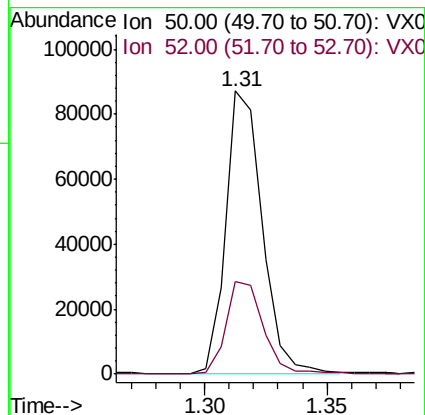
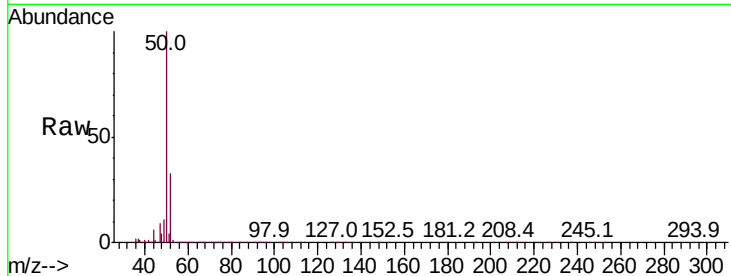
VSTDCCC020EC

Tot Ion: 50 Resp: 90185

Ion Ratio Lower Upper

50 100

52 32.6 27.1 40.7



#4

Vinyl Chloride

Concen: 19.478 ug/l

RT: 1.39 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX018261.D

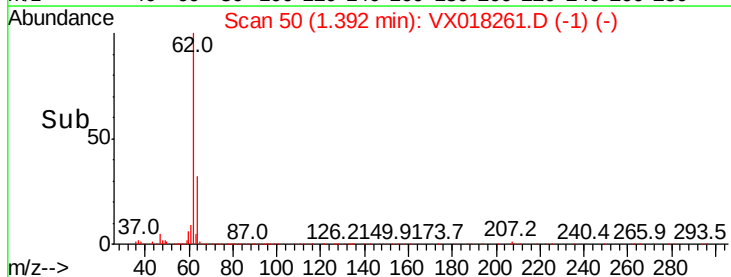
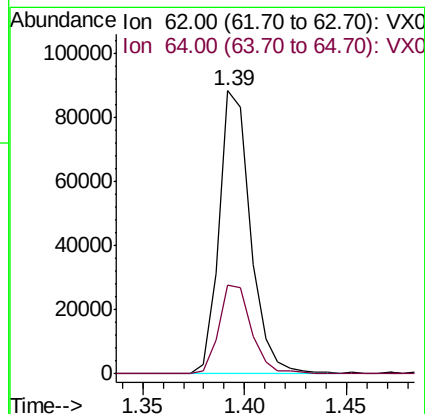
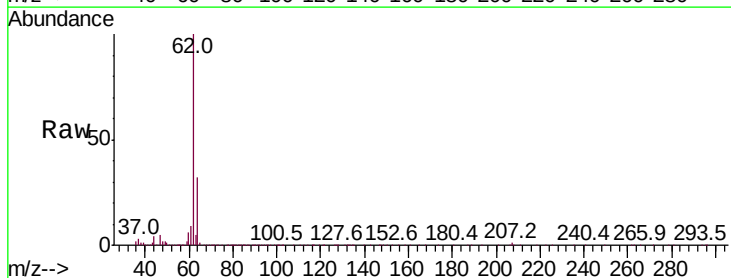
Acq: 04 Sep 2020 15:36

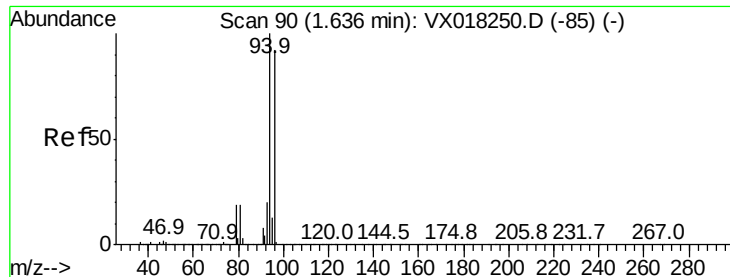
Tgt Ion: 62 Resp: 94600

Ion Ratio Lower Upper

62 100

64 31.4 25.2 37.8





#5

Bromomethane

Concen: 15.221 ug/l

RT: 1.64 min Scan# 90

Delta R.T. 0.00 min

Lab File: VX018261.D

Acq: 04 Sep 2020 15:36

Instrument :

MSVOA_X

ClientSampleId :

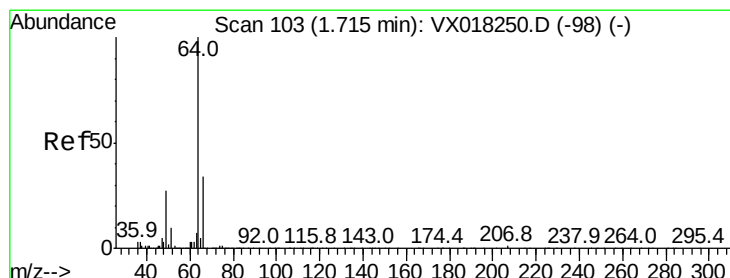
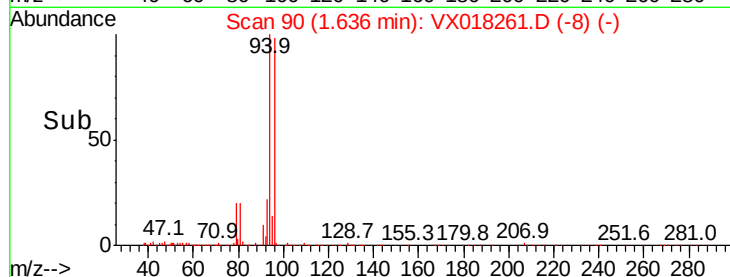
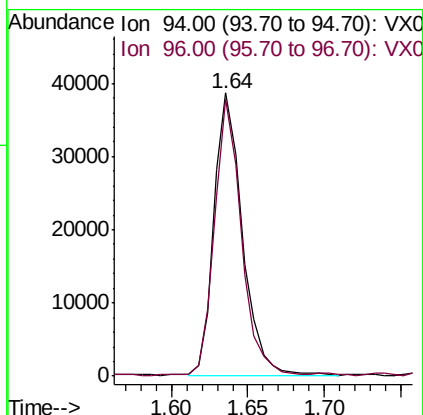
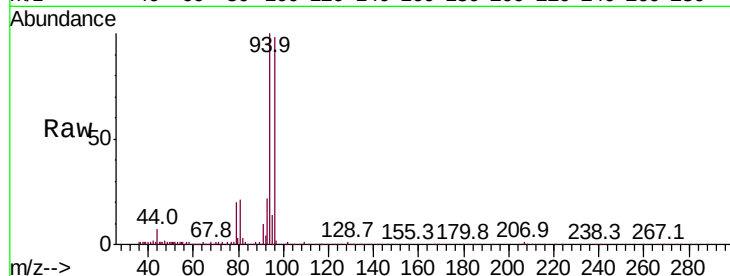
VSTDCCC020EC

Tot Ion: 94 Resp: 50295

Ion Ratio Lower Upper

94 100

96 97.7 73.9 110.9



#6

Chloroethane

Concen: 19.869 ug/l

RT: 1.71 min Scan# 103

Delta R.T. 0.00 min

Lab File: VX018261.D

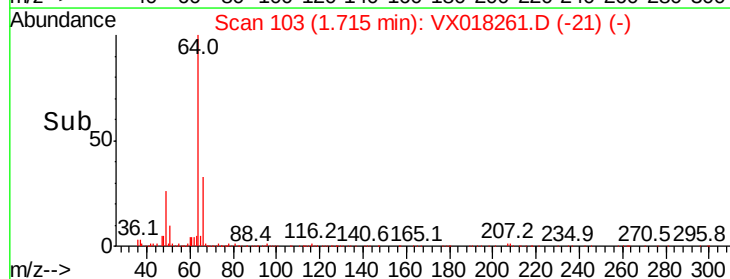
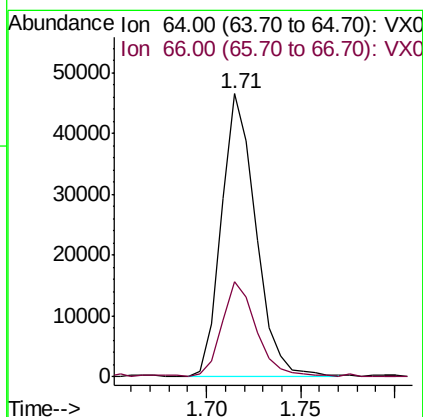
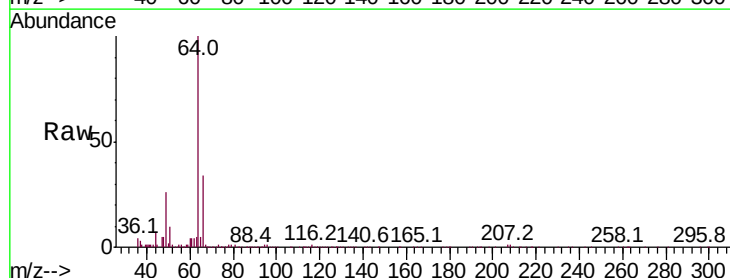
Acq: 04 Sep 2020 15:36

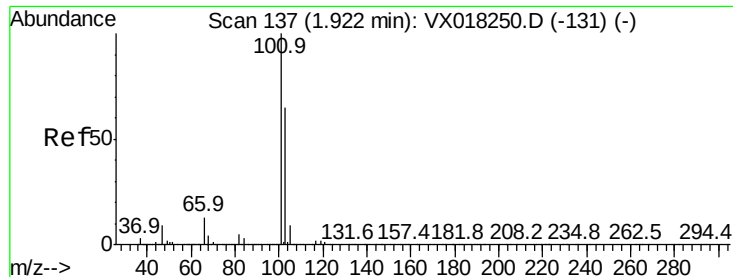
Tgt Ion: 64 Resp: 58652

Ion Ratio Lower Upper

64 100

66 33.6 27.0 40.4



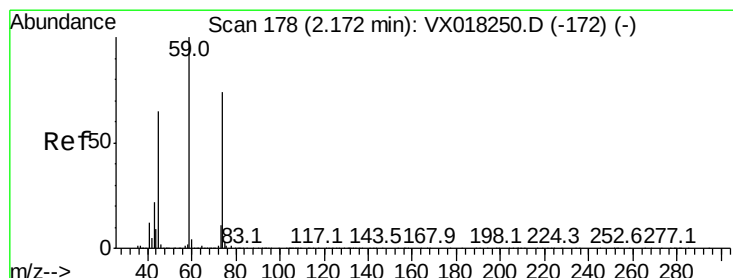
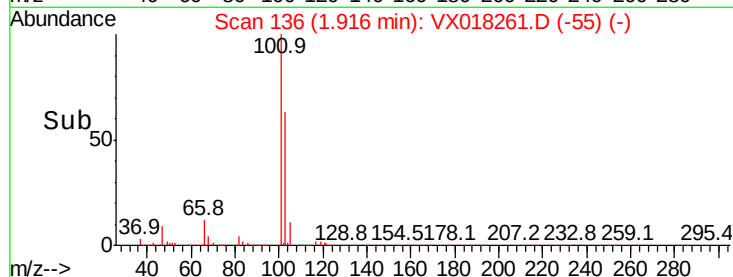
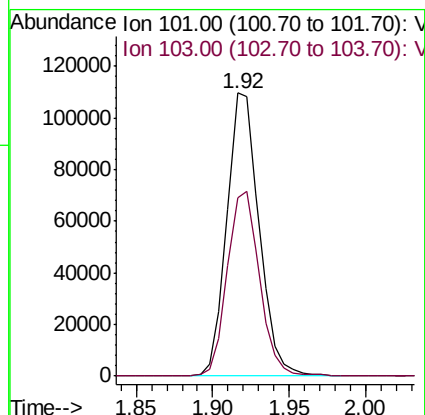
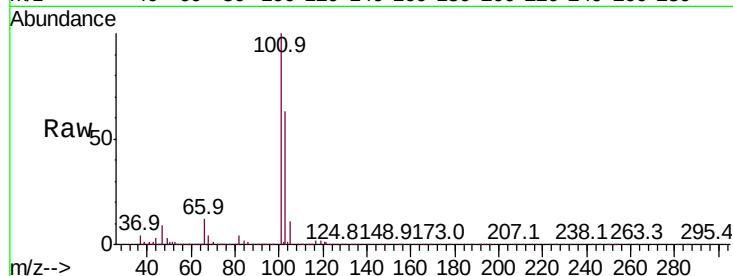


#7

Trichlorofluoromethane
Concen: 19.436 ug/l
RT: 1.92 min Scan# 136
Delta R.T. -0.01 min
Lab File: VX018261.D
Acq: 04 Sep 2020 15:36

Instrument :
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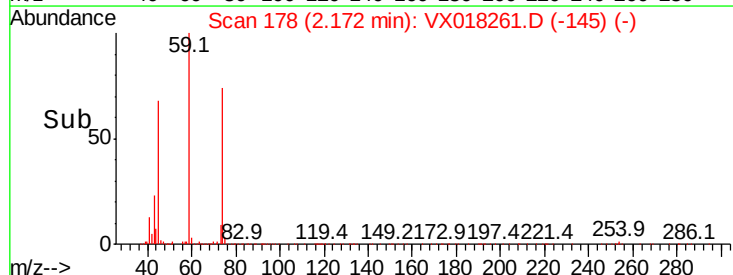
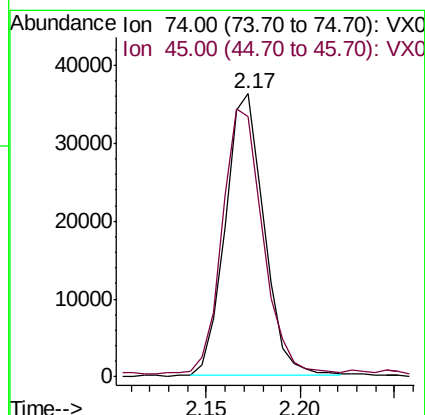
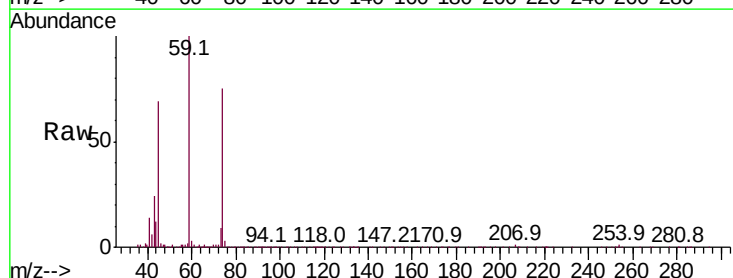
Tot Ion:101 Resp: 159968
Ion Ratio Lower Upper
101 100
103 63.0 52.3 78.5

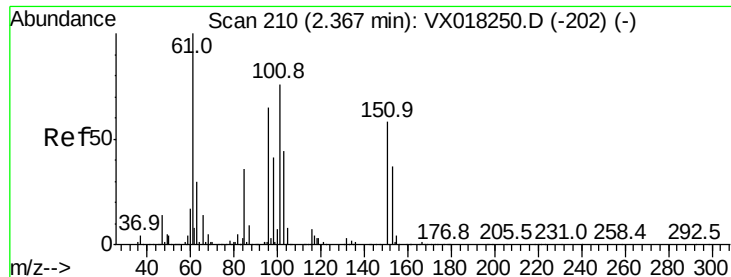


#8

Diethyl Ether
Concen: 19.772 ug/l
RT: 2.17 min Scan# 178
Delta R.T. 0.00 min
Lab File: VX018261.D
Acq: 04 Sep 2020 15:36

Tgt Ion: 74 Resp: 51304
Ion Ratio Lower Upper
74 100
45 99.2 20.5 184.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.220 ug/l

RT: 2.37 min Scan# 210

Delta R.T. 0.00 min

Lab File: VX018261.D

Acq: 04 Sep 2020 15:36

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

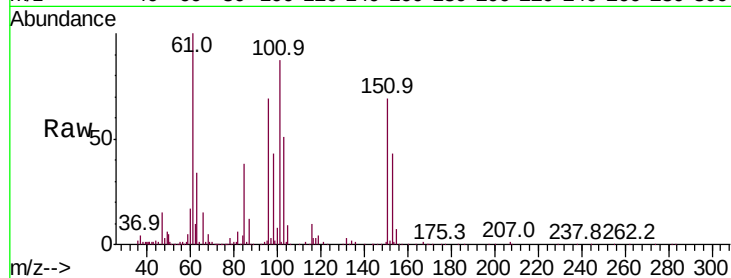
Tot Ion:101 Resp: 80825

Ion Ratio Lower Upper

101 100

85 44.5 0.0 87.8

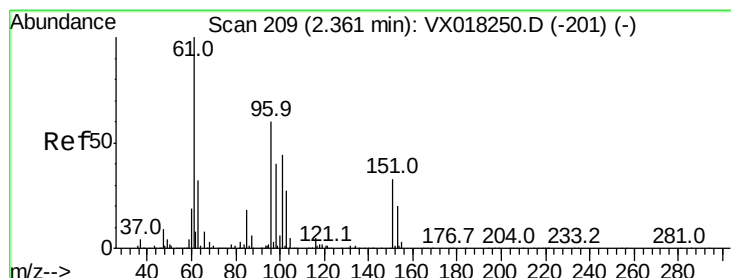
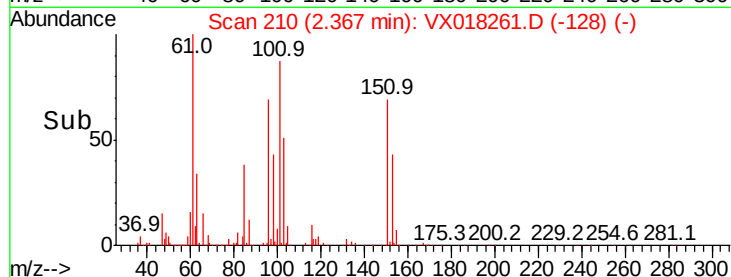
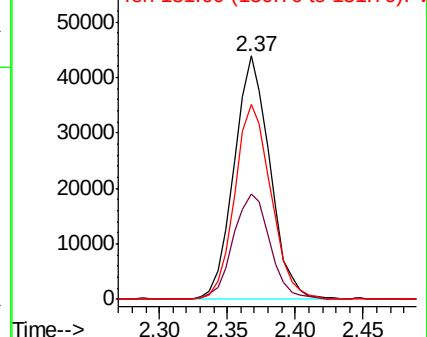
151 80.8 0.0 161.4



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: 19.943 ug/l

RT: 2.36 min Scan# 208

Delta R.T. -0.01 min

Lab File: VX018261.D

Acq: 04 Sep 2020 15:36

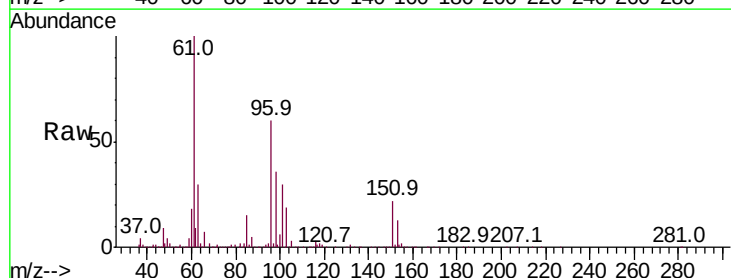
Tgt Ion: 96 Resp: 82323

Ion Ratio Lower Upper

96 100

61 167.4 132.5 198.7

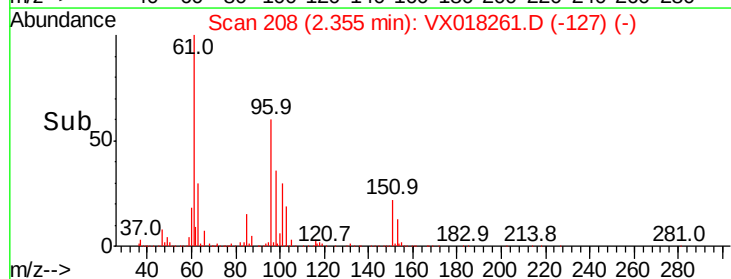
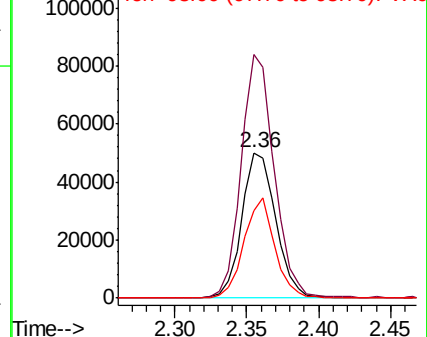
98 60.6 52.4 78.6

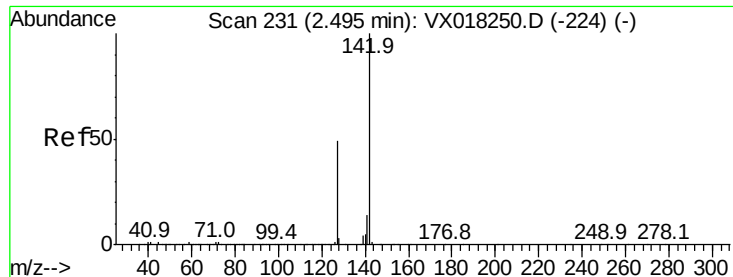


Abundance Ion 96.00 (95.70 to 96.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 98.00 (97.70 to 98.70): VX0

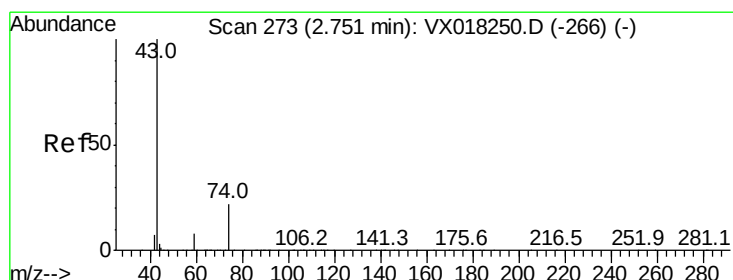
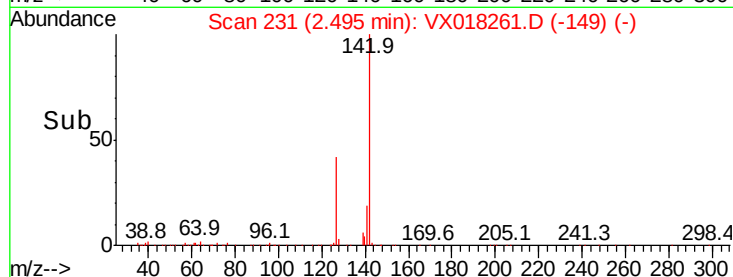
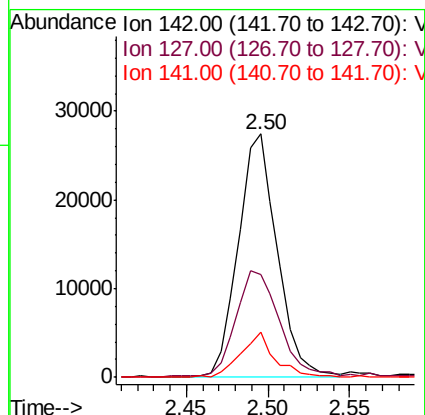
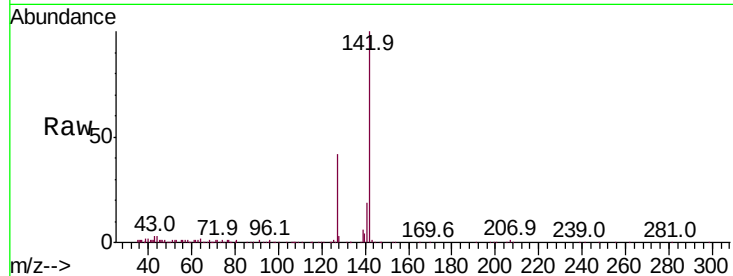




#11
Methvl Iodide
Concen: 14.873 ug/l
RT: 2.50 min Scan# 231
Delta R.T. 0.00 min
Lab File: VX018261.D
Acq: 04 Sep 2020 15:36

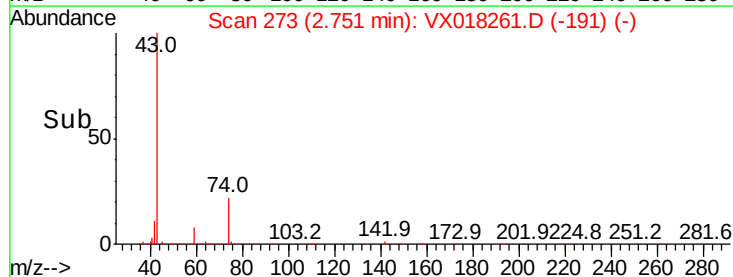
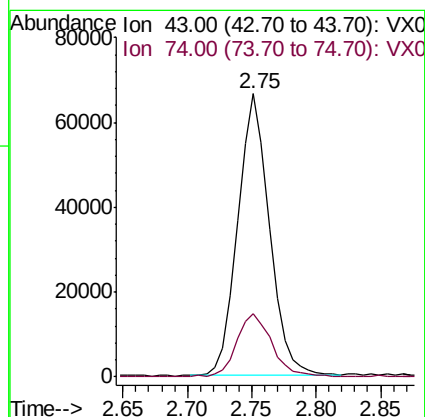
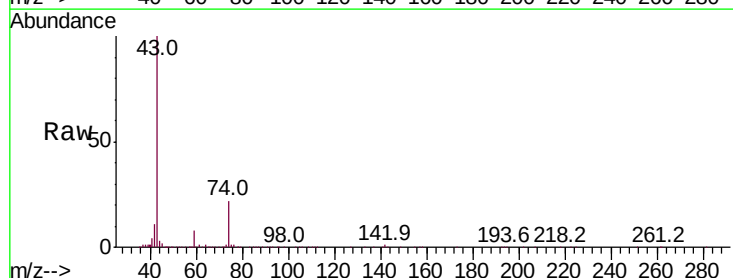
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

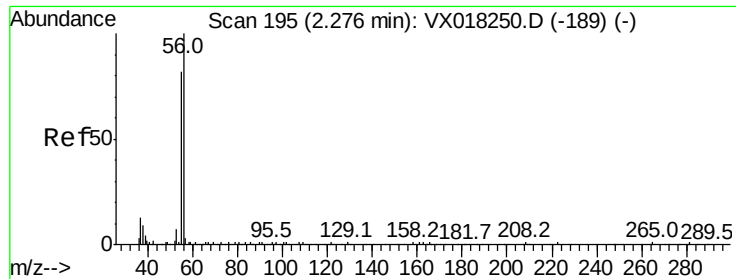
Tot Ion:142 Resp: 45750
Ion Ratio Lower Upper
142 100
127 41.7 24.6 74.0
141 18.7 7.0 21.0



#12
Methyl Acetate
Concen: 20.858 ug/l
RT: 2.75 min Scan# 273
Delta R.T. 0.00 min
Lab File: VX018261.D
Acq: 04 Sep 2020 15:36

Tgt Ion: 43 Resp: 113341
Ion Ratio Lower Upper
43 100
74 22.4 18.0 27.0





#13

Acrolein

Concen: 81.011 ug/l

RT: 2.28 min Scan# 195

Delta R.T. 0.00 min

Lab File: VX018261.D

Acq: 04 Sep 2020 15:36

Instrument :

MSVOA_X

ClientSampleId :

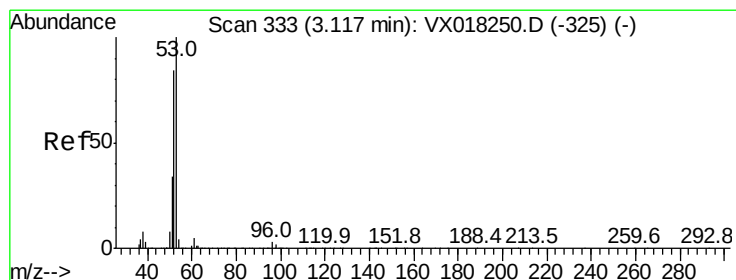
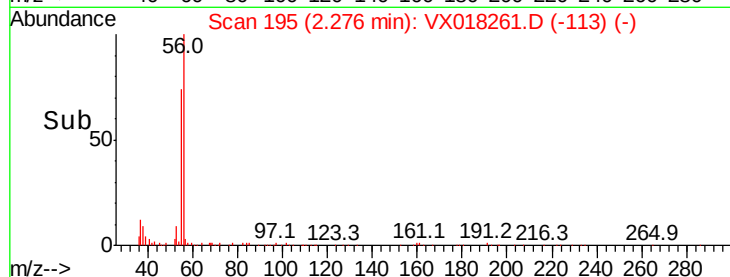
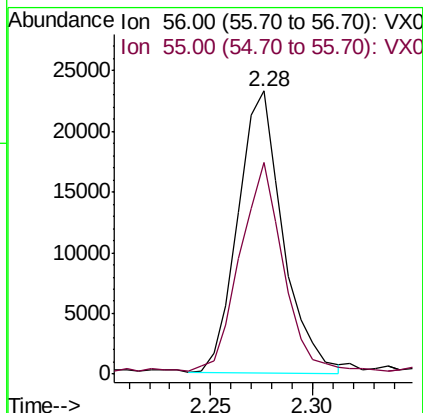
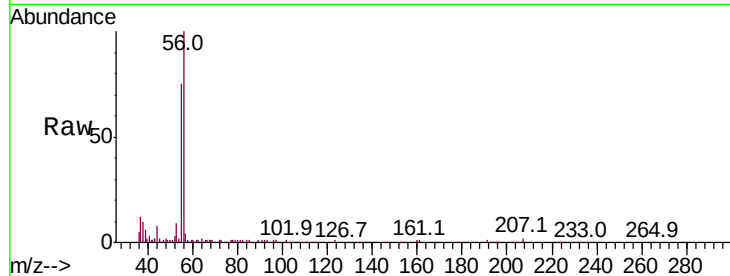
VSTDCCC020EC

Tot Ion: 56 Resp: 35526

Ion Ratio Lower Upper

56 100

55 74.1 59.7 89.5



#14

Acrylonitrile

Concen: 102.714 ug/l

RT: 3.12 min Scan# 333

Delta R.T. 0.00 min

Lab File: VX018261.D

Acq: 04 Sep 2020 15:36

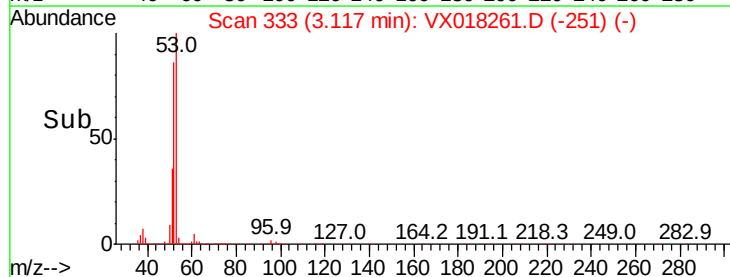
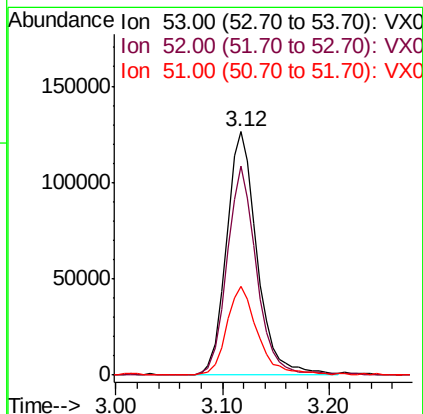
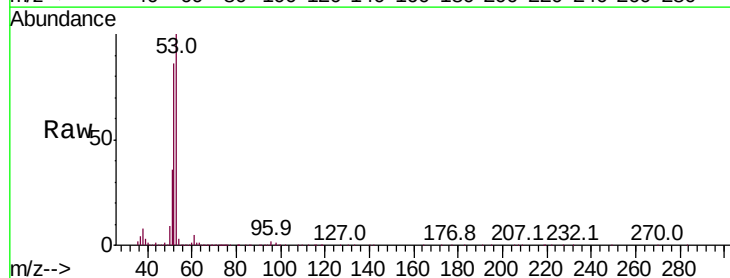
Tgt Ion: 53 Resp: 252898

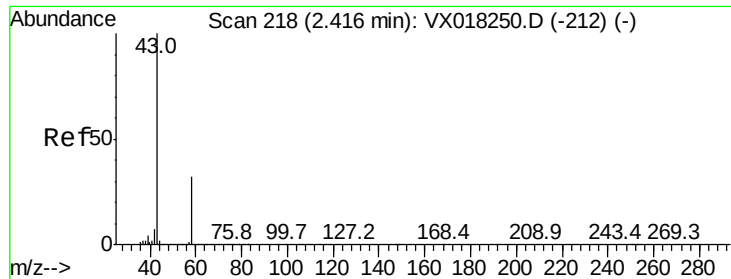
Ion Ratio Lower Upper

53 100

52 82.9 41.9 125.7

51 36.6 18.3 54.8





#15

Acetone

Concen: 106.035 ug/l

RT: 2.42 min Scan# 218

Delta R.T. 0.00 min

Lab File: VX018261.D

Acq: 04 Sep 2020 15:36

Instrument :

MSVOA_X

ClientSampleId :

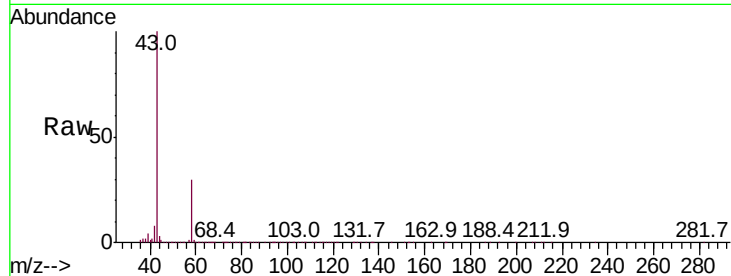
VSTDCCC020EC

Tot Ion: 58 Resp: 70983

Ion Ratio Lower Upper

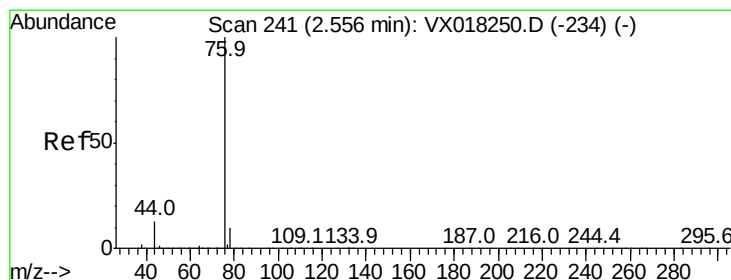
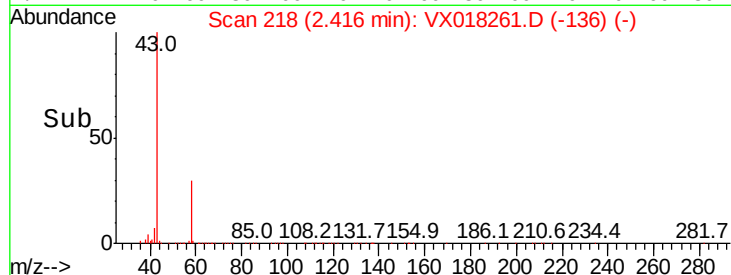
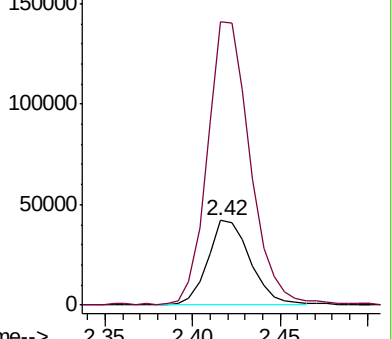
58 100

43 335.3 248.2 372.2



Abundance Ion 58.00 (57.70 to 58.70): VX0

Ion 43.00 (42.70 to 43.70): VX0



#16

Carbon Disulfide

Concen: 19.406 ug/l

RT: 2.55 min Scan# 240

Delta R.T. -0.01 min

Lab File: VX018261.D

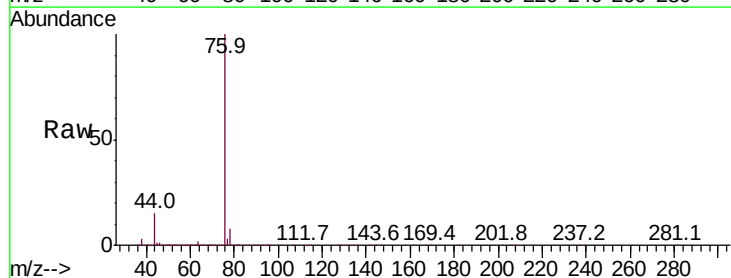
Acq: 04 Sep 2020 15:36

Tgt Ion: 76 Resp: 233252

Ion Ratio Lower Upper

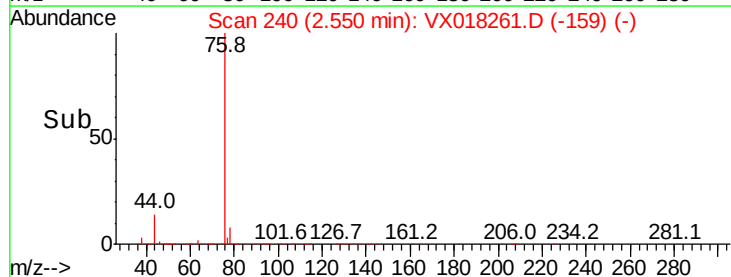
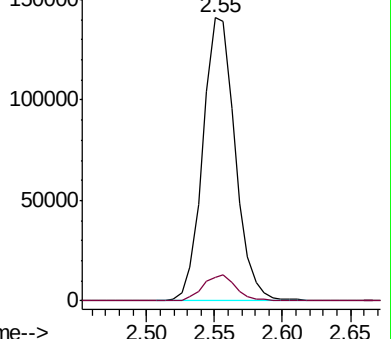
76 100

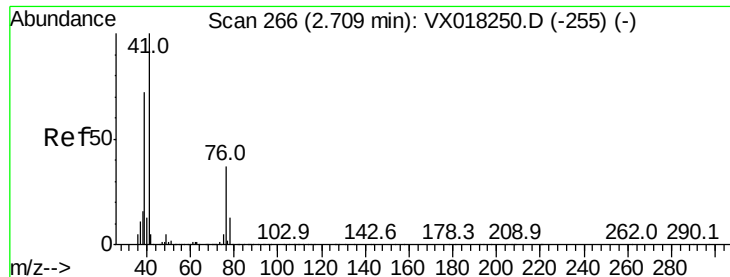
78 8.5 7.8 11.6



Abundance Ion 76.00 (75.70 to 76.70): VX0

Ion 78.00 (77.70 to 78.70): VX0

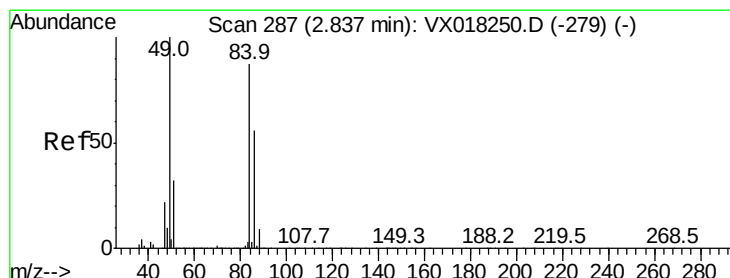
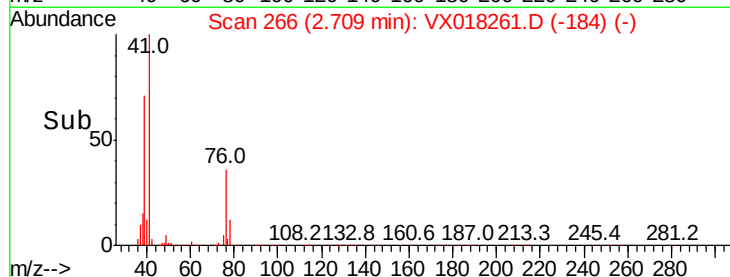
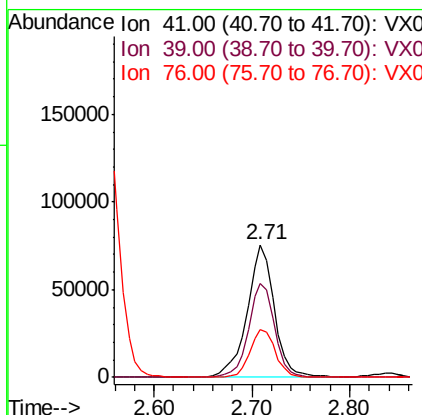
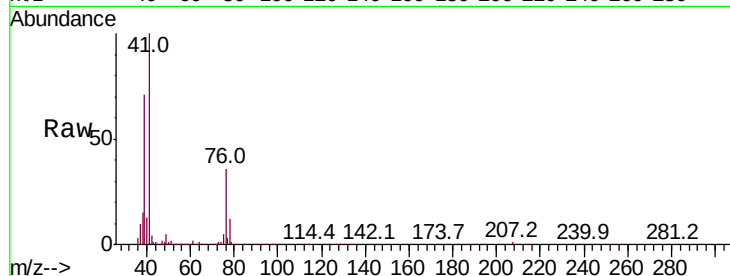




#17
Allvl chloride
Concen: 19.564 ug/l
RT: 2.71 min Scan# 266
Delta R.T. 0.00 min
Lab File: VX018261.D
Acq: 04 Sep 2020 15:36

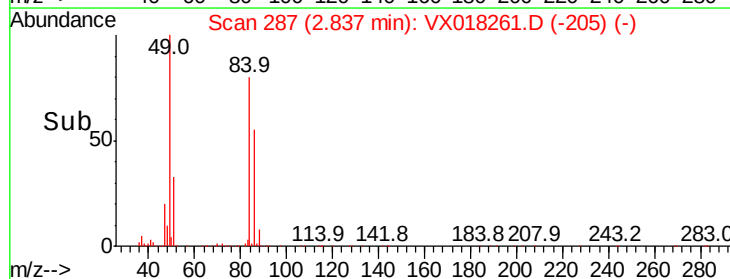
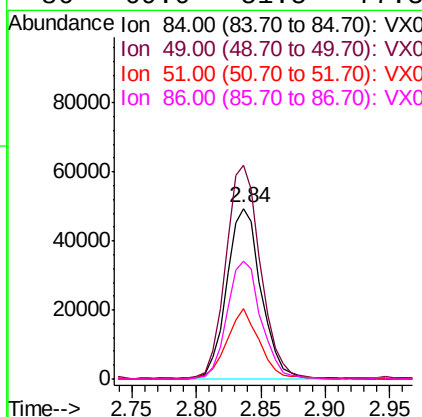
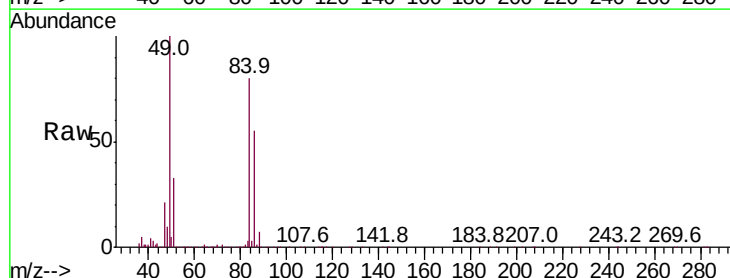
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

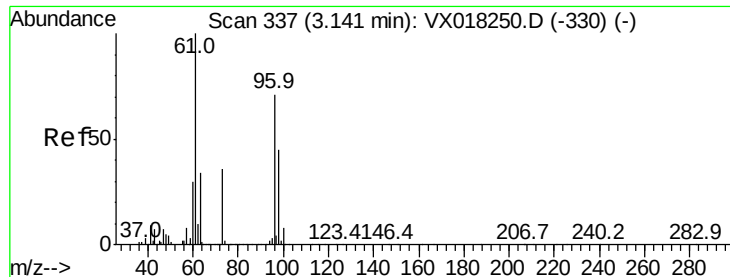
Tot Ion	Ratio	Lower	Upper
41	100		
39	71.1	36.0	108.1
76	35.9	18.6	55.6



#18
Methylene Chloride
Concen: 18.947 ug/l
RT: 2.84 min Scan# 287
Delta R.T. 0.00 min
Lab File: VX018261.D
Acq: 04 Sep 2020 15:36

Tgt Ion	Ratio	Lower	Upper
84	100		
49	124.7	91.6	137.4
51	40.8	29.4	44.0
86	69.0	51.5	77.3





#19

trans-1,2-Dichloroethene

Concen: 19.267 ug/l

RT: 3.15 min Scan# 338

Delta R.T. 0.01 min

Lab File: VX018261.D

Acq: 04 Sep 2020 15:36

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

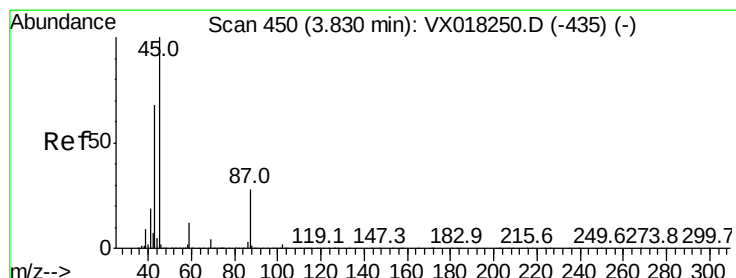
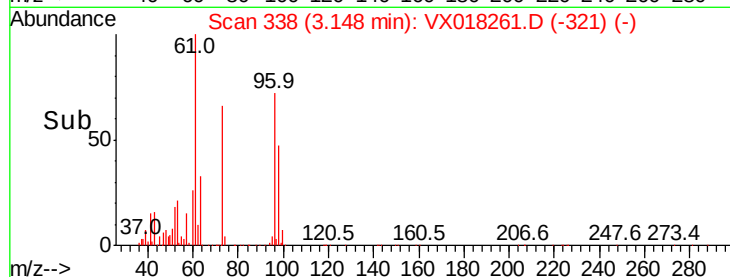
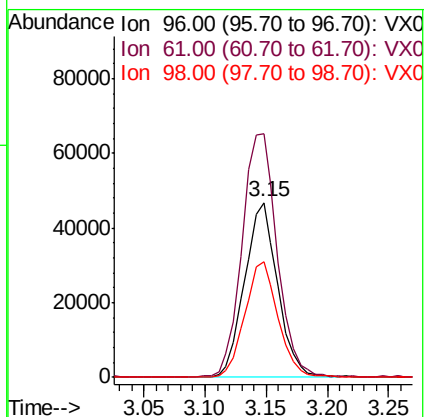
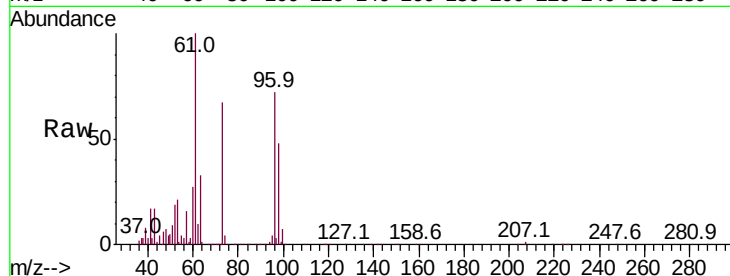
Tot Ion: 96 Resp: 88302

Ion Ratio Lower Upper

96 100

61 138.6 112.8 169.2

98 66.0 51.0 76.4



#20

Diisopropyl ether

Concen: 19.918 ug/l

RT: 3.83 min Scan# 450

Delta R.T. 0.00 min

Lab File: VX018261.D

Acq: 04 Sep 2020 15:36

Tgt Ion: 45 Resp: 290932

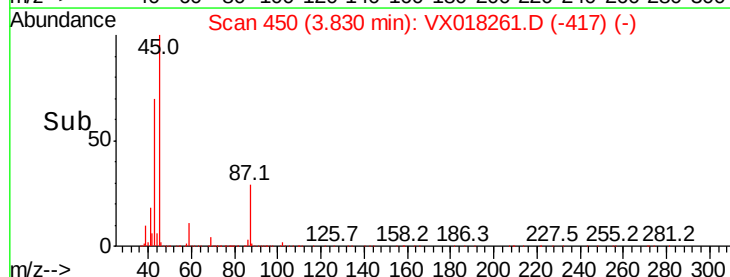
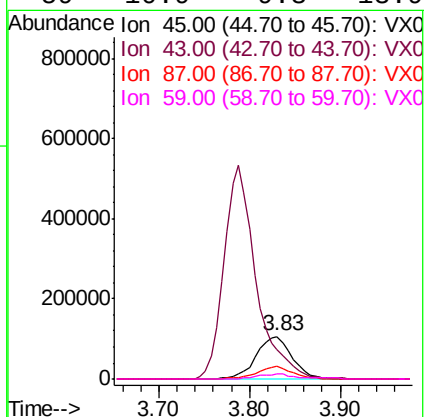
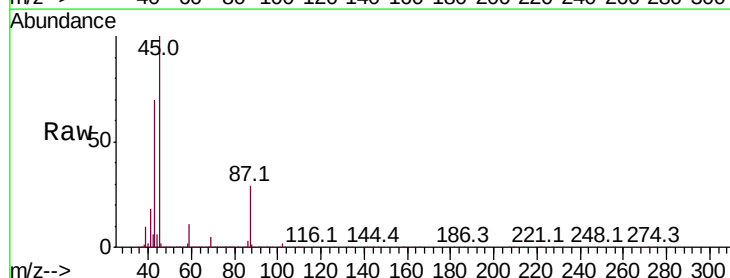
Ion Ratio Lower Upper

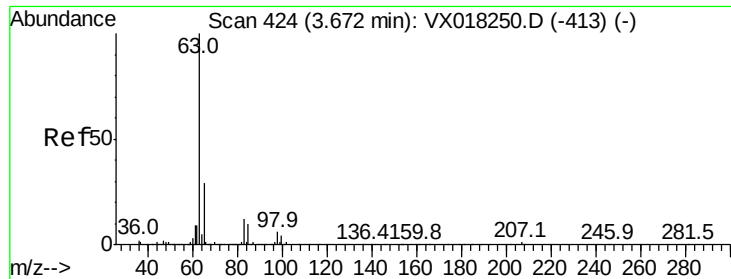
45 100

43 69.2 54.5 81.7

87 28.9 22.2 33.2

59 10.9 9.3 13.9





#21

1,1-Dichloroethane

Concen: 19.776 ug/l

RT: 3.67 min Scan# 424

Delta R.T. 0.00 min

Lab File: VX018261.D

Acq: 04 Sep 2020 15:36

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

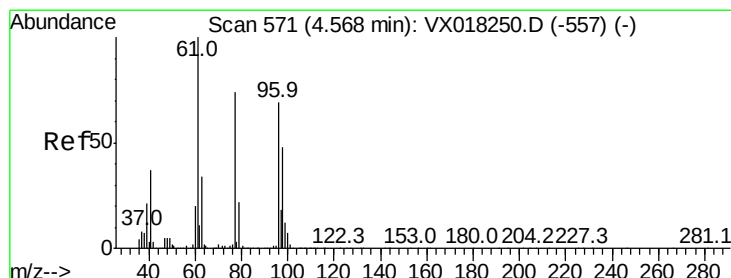
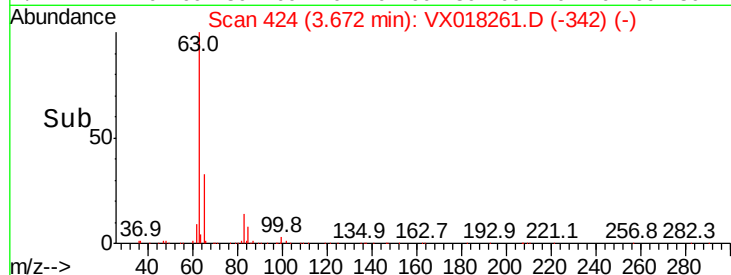
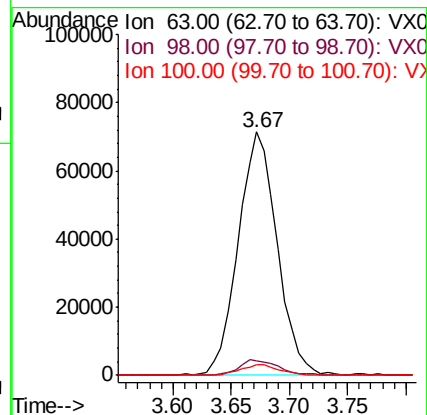
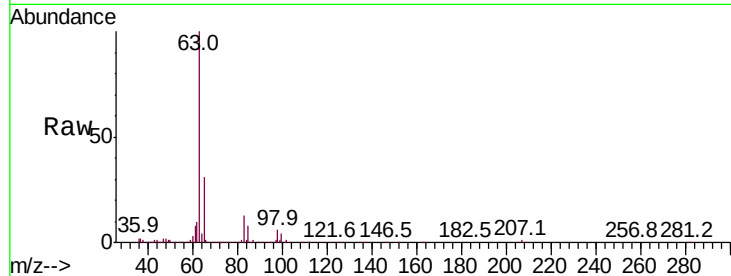
Tot Ion: 63 Resp: 165798

Ion Ratio Lower Upper

63 100

98 6.0 3.2 9.6

100 4.2 2.1 6.3



#22

cis-1,2-Dichloroethene

Concen: 19.817 ug/l

RT: 4.57 min Scan# 571

Delta R.T. 0.00 min

Lab File: VX018261.D

Acq: 04 Sep 2020 15:36

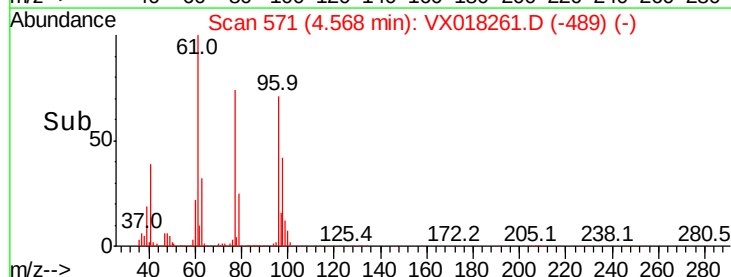
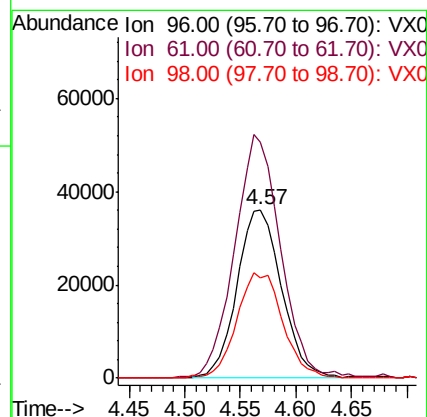
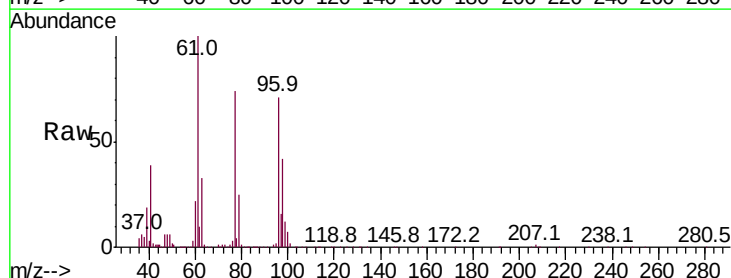
Tgt Ion: 96 Resp: 100489

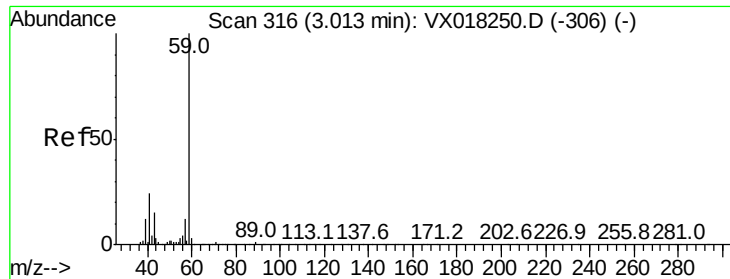
Ion Ratio Lower Upper

96 100

61 147.8 116.2 174.4

98 64.2 52.5 78.7

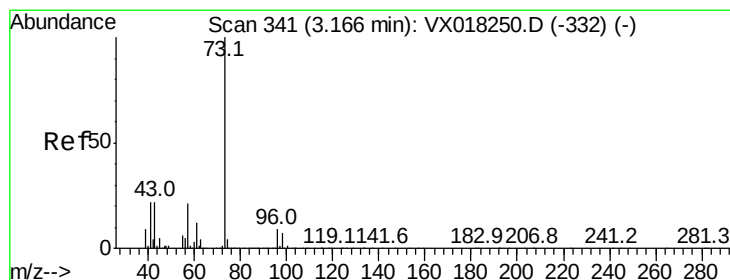
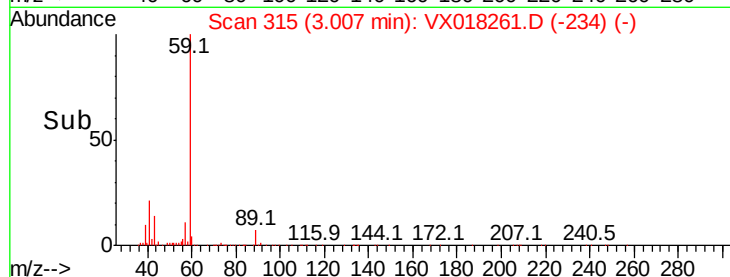
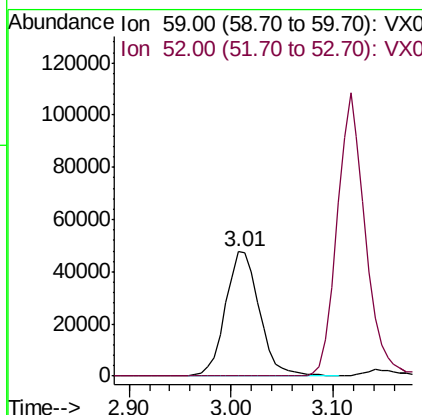
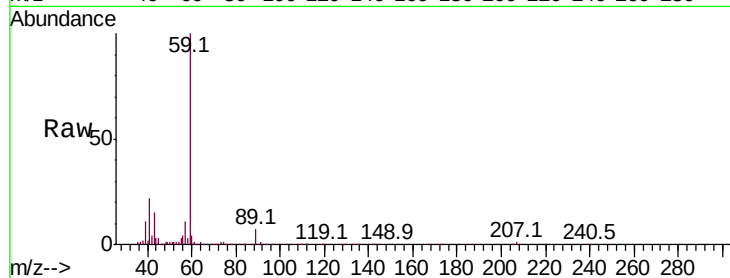




#23
 tert-Butyl Alcohol
 Concen: 103.328 ug/l
 RT: 3.01 min Scan# 315
 Delta R.T. -0.01 min
 Lab File: VX018261.D
 Acq: 04 Sep 2020 15:36

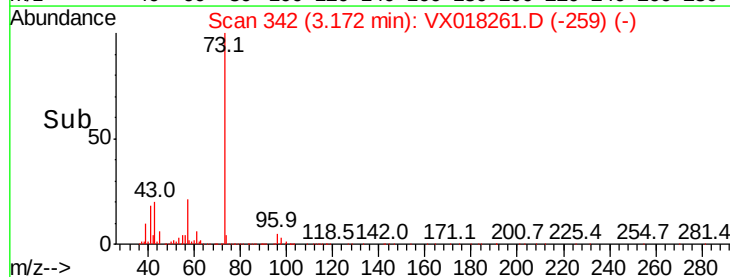
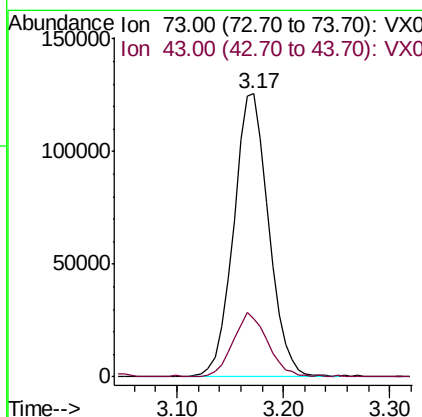
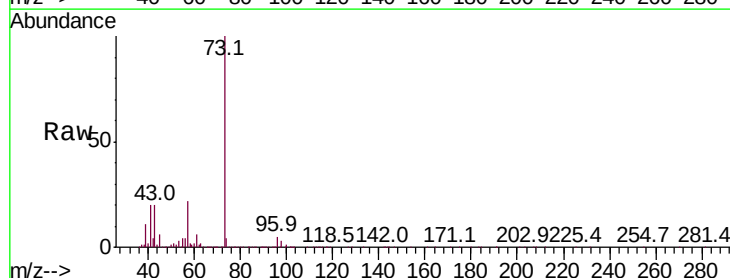
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

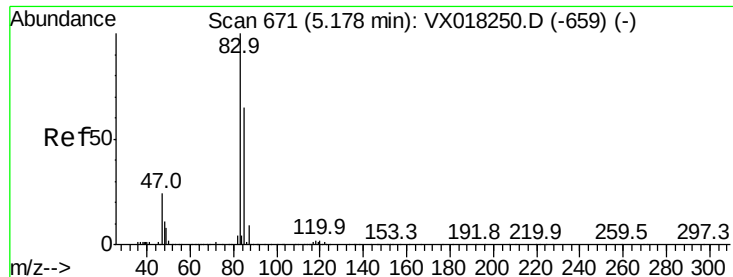
Tot Ion: 59 Resp: 110247
 Ion Ratio Lower Upper
 59 100
 52 0.0 0.4 0.6#



#24
 Methyl tert-Butyl Ether
 Concen: 19.771 ug/l
 RT: 3.17 min Scan# 342
 Delta R.T. 0.01 min
 Lab File: VX018261.D
 Acq: 04 Sep 2020 15:36

Tgt Ion: 73 Resp: 290149
 Ion Ratio Lower Upper
 73 100
 43 22.6 17.8 26.6





#25

Chloroform

Concen: 19.545 ug/l

RT: 5.18 min Scan# 671

Delta R.T. 0.00 min

Lab File: VX018261.D

Acq: 04 Sep 2020 15:36

Instrument :

MSVOA_X

ClientSampleId :

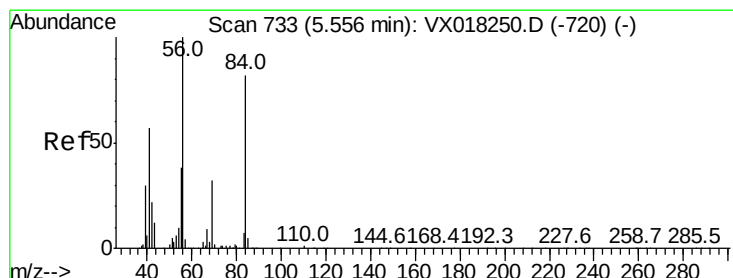
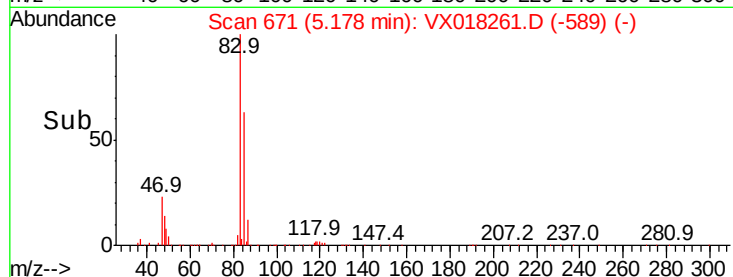
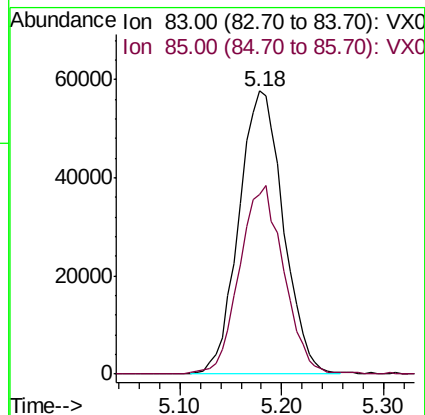
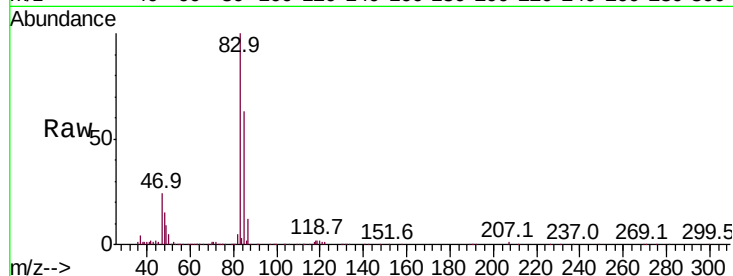
VSTDCCC020EC

Tot Ion: 83 Resp: 174882

Ion Ratio Lower Upper

83 100

85 62.8 51.6 77.4



#26

Cyclohexane

Concen: 19.226 ug/l

RT: 5.55 min Scan# 732

Delta R.T. -0.01 min

Lab File: VX018261.D

Acq: 04 Sep 2020 15:36

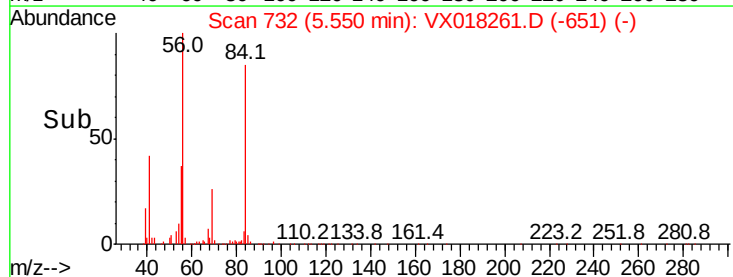
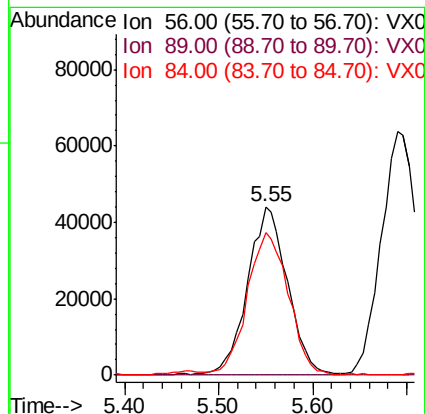
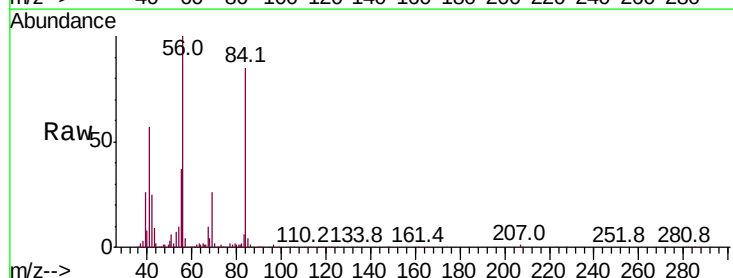
Tgt Ion: 56 Resp: 130107

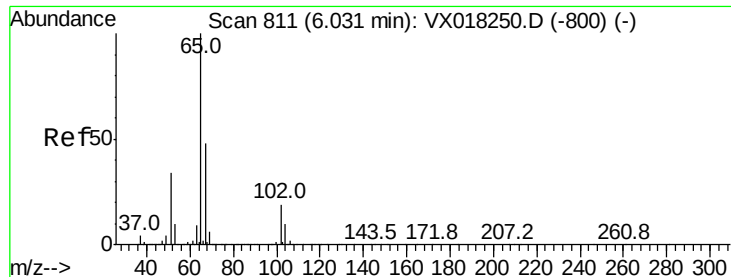
Ion Ratio Lower Upper

56 100

89 0.1 0.1 0.1#

84 87.6 41.0 61.4#





#27

1,2-Dichloroethane-d4

Concen: 29.529 ug/l

RT: 6.04 min Scan# 812

Delta R.T. 0.01 min

Lab File: VX018261.D

Acq: 04 Sep 2020 15:36

Instrument :

MSVOA_X

ClientSampleId :

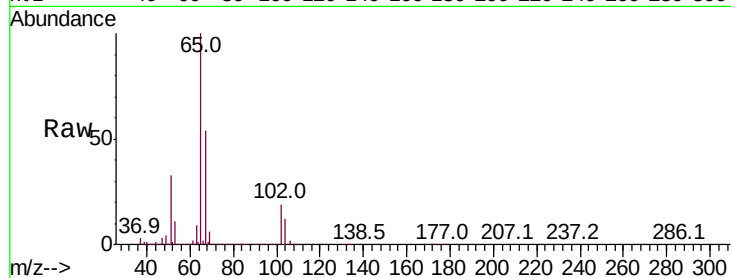
VSTDCCC020EC

Tot Ion: 65 Resp: 191171

Ion Ratio Lower Upper

65 100

67 53.8 39.9 59.9



Abundance Ion 65.00 (64.70 to 65.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

6.04

80000

60000

40000

20000

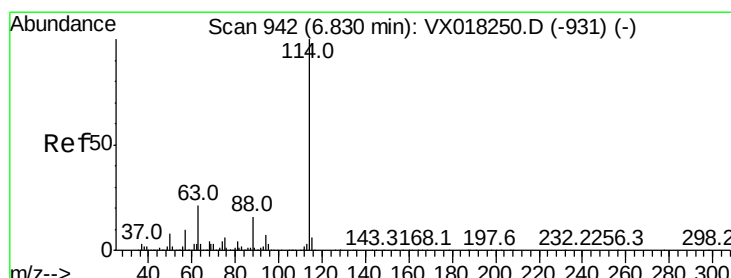
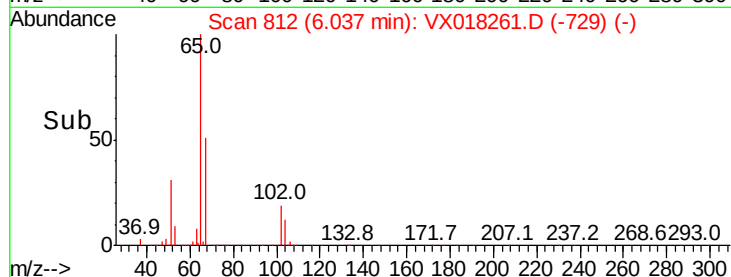
0

Time-->

5.90

6.00

6.10



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 6.84 min Scan# 943

Delta R.T. 0.01 min

Lab File: VX018261.D

Acq: 04 Sep 2020 15:36

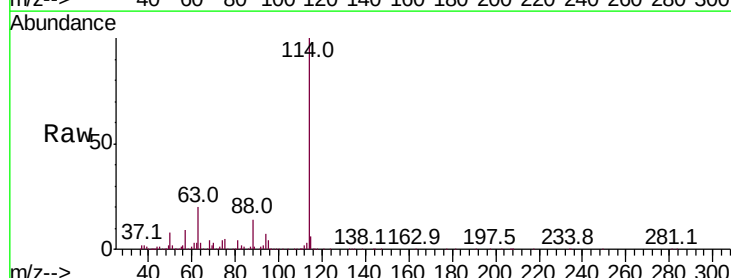
Tgt Ion:114 Resp: 419132

Ion Ratio Lower Upper

114 100

63 20.5 16.7 25.1

88 15.9 12.6 18.8



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

250000

200000

150000

100000

50000

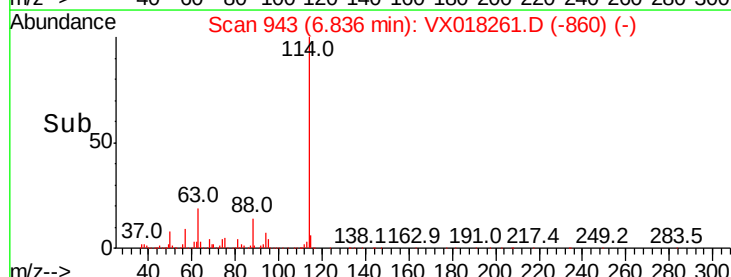
0

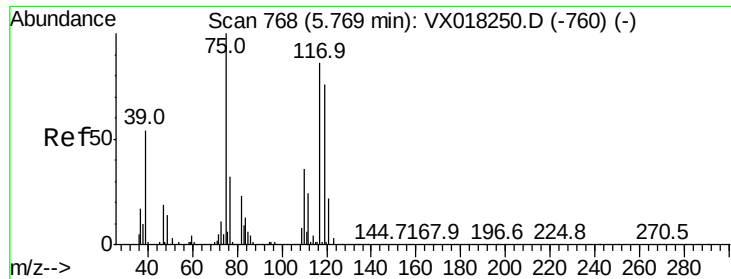
Time-->

6.70

6.80

6.90





#29

1,1-Dichloropropene

Concen: 19.015 ug/l

RT: 5.77 min Scan# 768

Delta R.T. 0.00 min

Lab File: VX018261.D

Acq: 04 Sep 2020 15:36

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

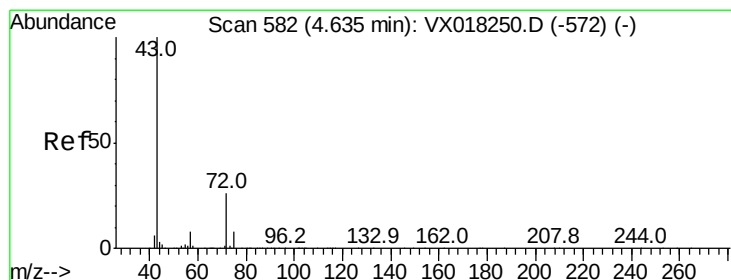
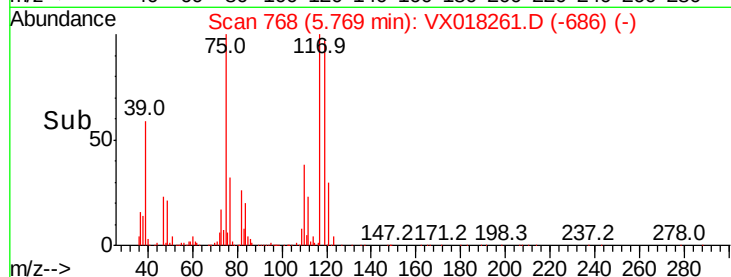
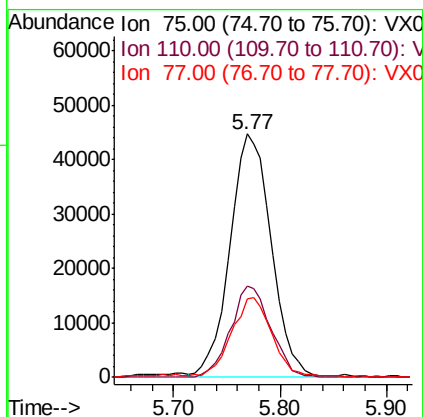
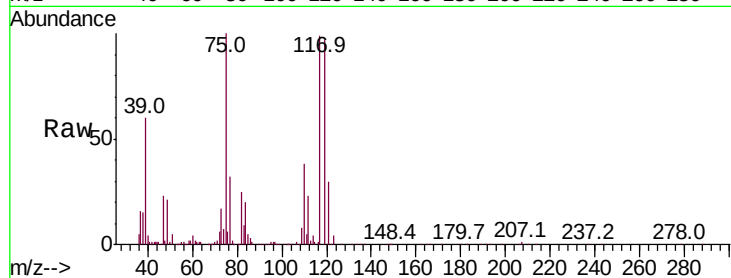
Tot Ion: 75 Resp: 121655

Ion Ratio Lower Upper

75 100

110 36.6 0.0 72.2

77 31.4 0.0 61.0



#30

2-Butanone

Concen: 102.698 ug/l

RT: 4.64 min Scan# 582

Delta R.T. 0.00 min

Lab File: VX018261.D

Acq: 04 Sep 2020 15:36

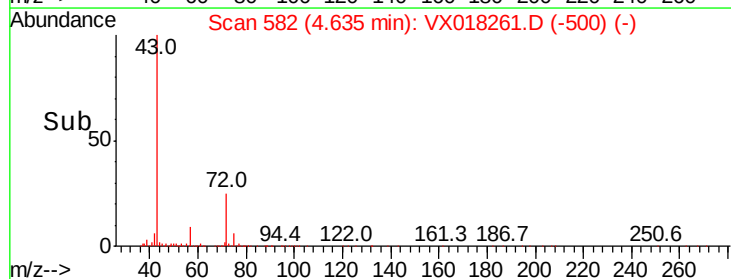
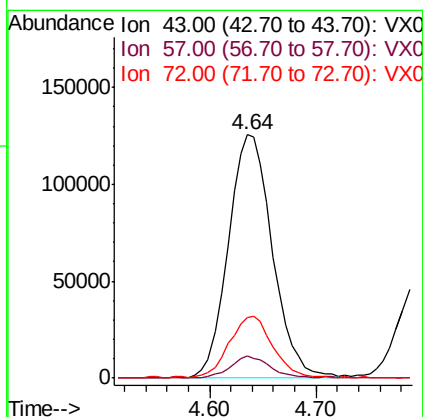
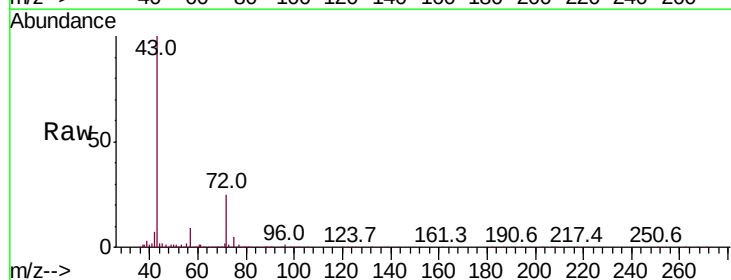
Tgt Ion: 43 Resp: 359768

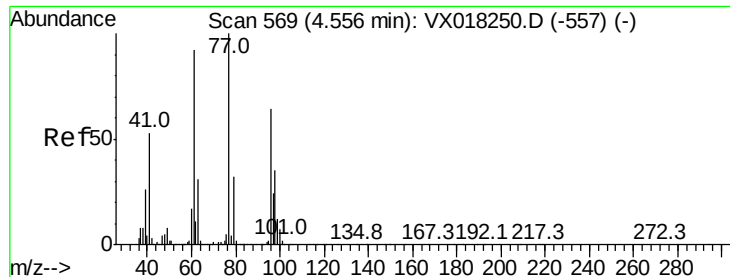
Ion Ratio Lower Upper

43 100

57 8.4 6.7 10.1

72 24.8 20.0 30.0





#31

2,2-Dichloropropane

Concen: 18.372 ug/l

RT: 4.55 min Scan# 568

Delta R.T. -0.01 min

Lab File: VX018261.D

Acq: 04 Sep 2020 15:36

Instrument :

MSVOA_X

ClientSampleId :

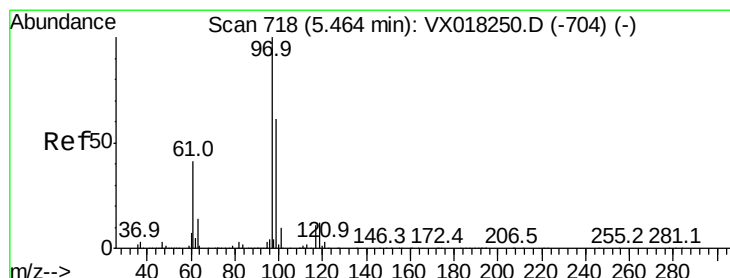
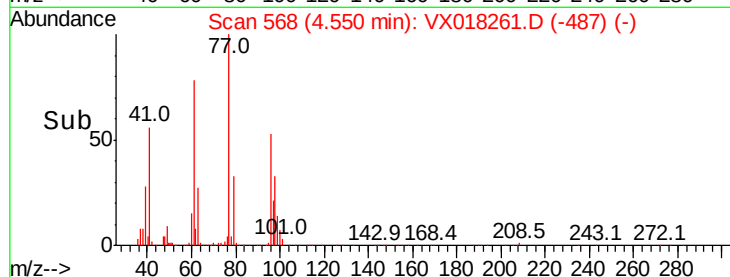
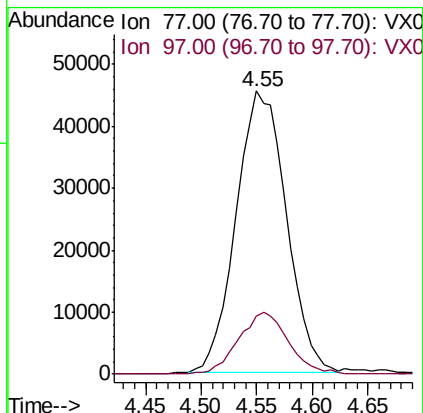
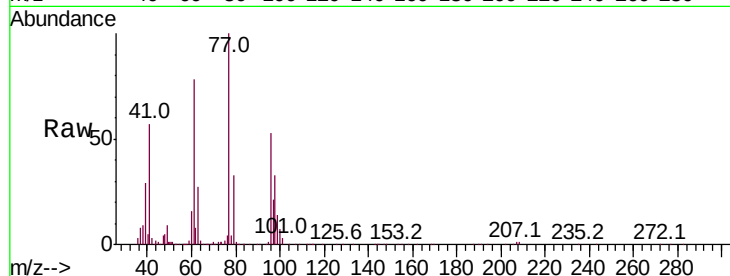
VSTDCCC020EC

Tot Ion: 77 Resp: 141983

Ion Ratio Lower Upper

77 100

97 21.7 18.1 27.1



#32

1,1,1-Trichloroethane

Concen: 20.035 ug/l

RT: 5.46 min Scan# 718

Delta R.T. 0.00 min

Lab File: VX018261.D

Acq: 04 Sep 2020 15:36

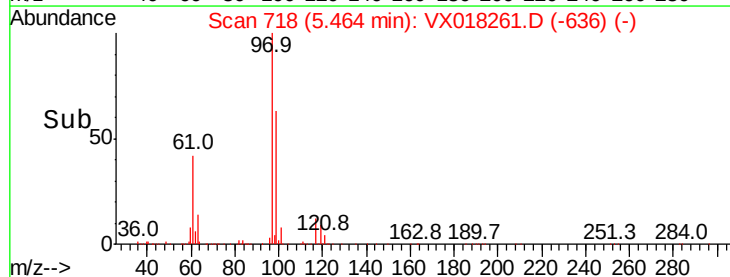
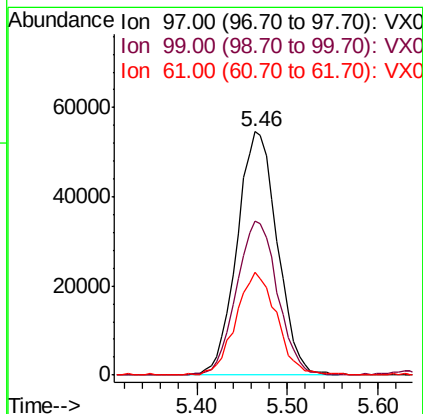
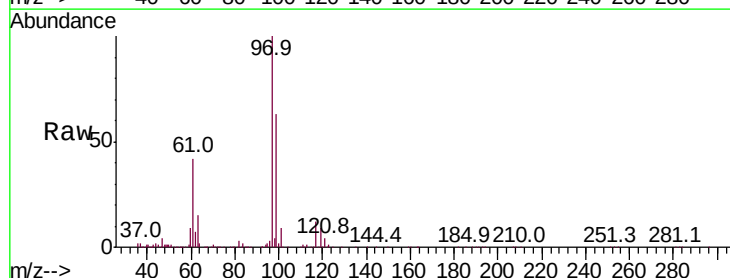
Tgt Ion: 97 Resp: 167779

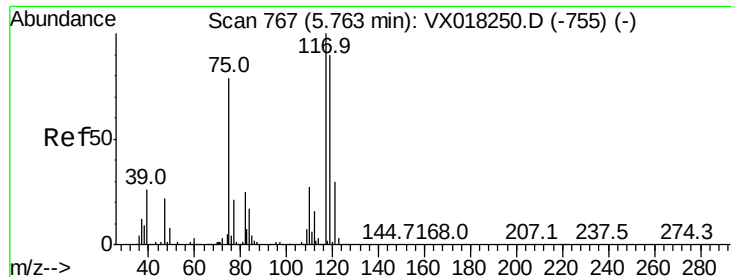
Ion Ratio Lower Upper

97 100

99 64.4 50.7 76.1

61 42.3 34.5 51.7





#33

Carbon Tetrachloride

Concen: 19.351 ug/l

RT: 5.76 min Scan# 767

Delta R.T. 0.00 min

Lab File: VX018261.D

Acq: 04 Sep 2020 15:36

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

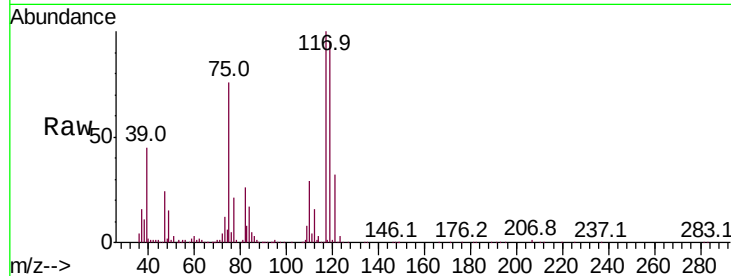
Tot Ion:117 Resp: 151002

Ion Ratio Lower Upper

117 100

119 93.9 72.3 108.5

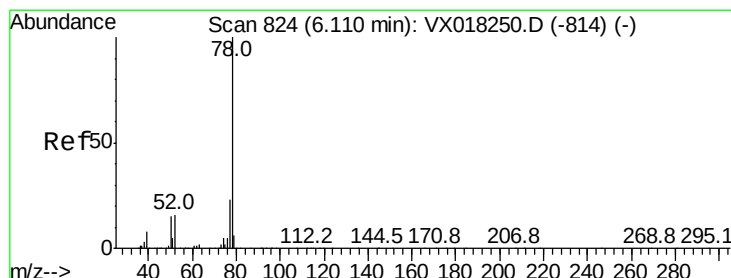
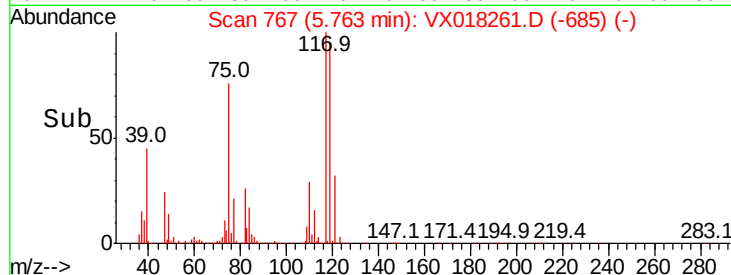
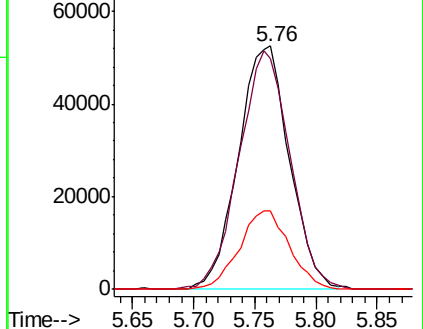
121 32.2 24.1 36.1



Abundance Ion 117.00 (116.70 to 117.70): V

Ion 119.00 (118.70 to 119.70): V

Ion 121.00 (120.70 to 121.70): V



#34

Benzene

Concen: 19.644 ug/l

RT: 6.12 min Scan# 825

Delta R.T. 0.01 min

Lab File: VX018261.D

Acq: 04 Sep 2020 15:36

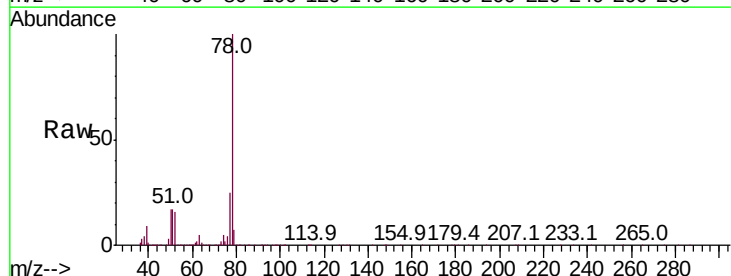
Tgt Ion: 78 Resp: 358757

Ion Ratio Lower Upper

78 100

77 24.8 18.3 27.5

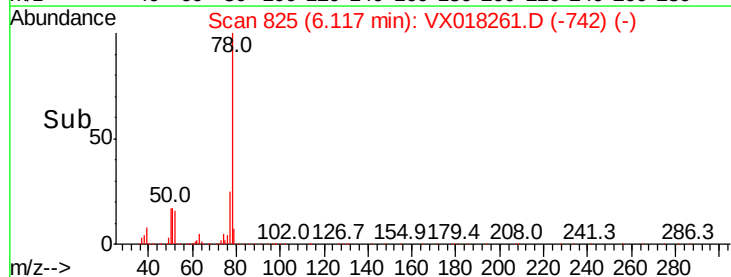
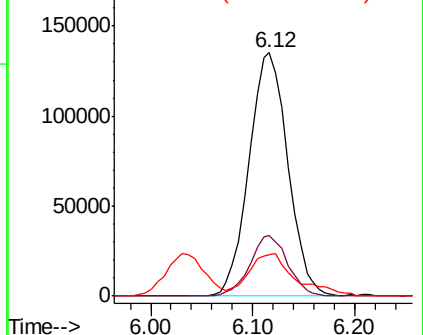
51 15.1 11.3 16.9

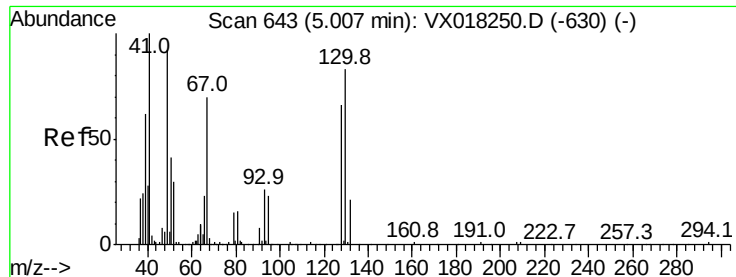


Abundance Ion 78.10 (77.80 to 78.80): VX0

Ion 77.00 (76.70 to 77.70): VX0

Ion 51.00 (50.70 to 51.70): VX0

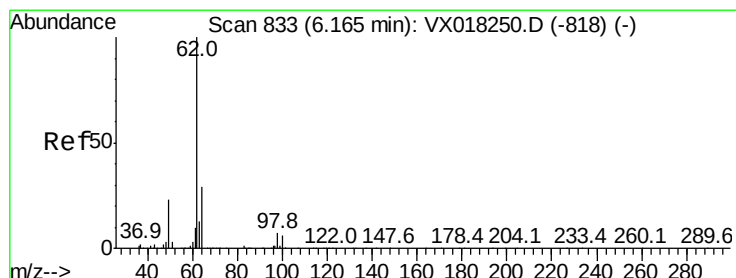
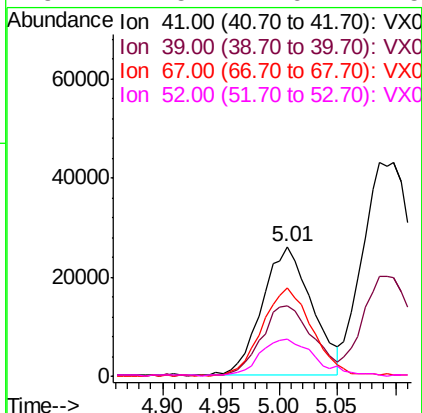
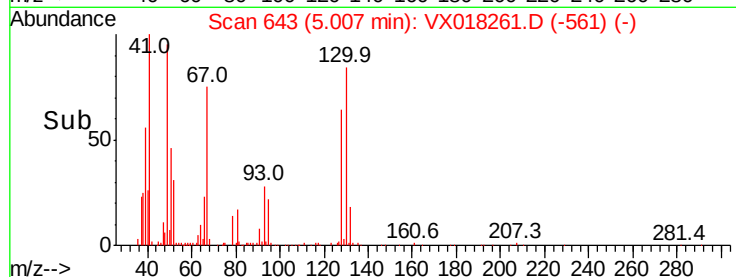
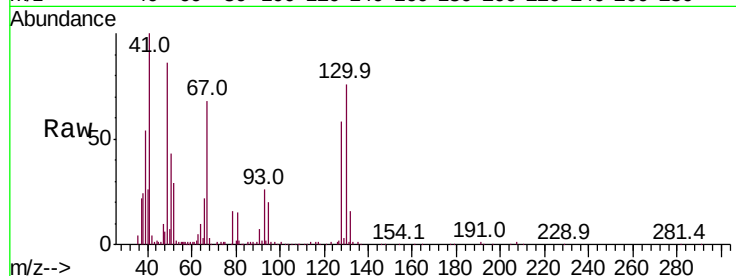




#35
Methacrylonitrile
Concen: 20.912 ug/l
RT: 5.01 min Scan# 643
Delta R.T. 0.00 min
Lab File: VX018261.D
Acq: 04 Sep 2020 15:36

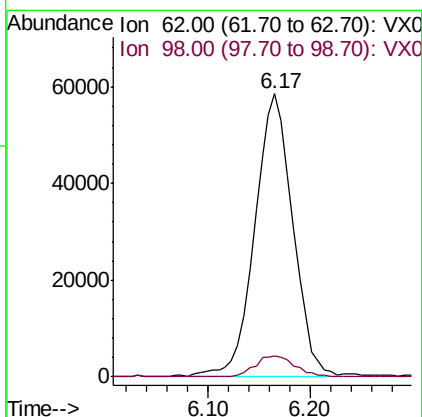
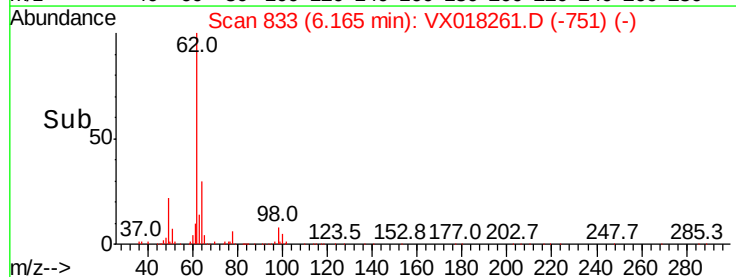
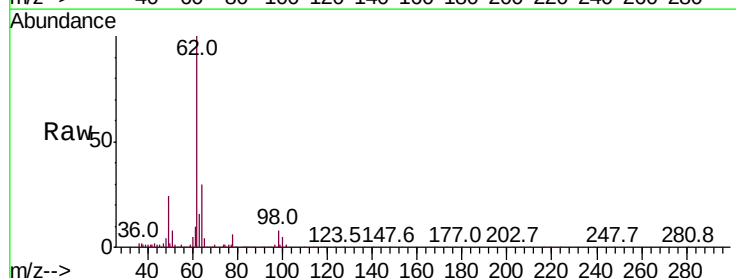
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

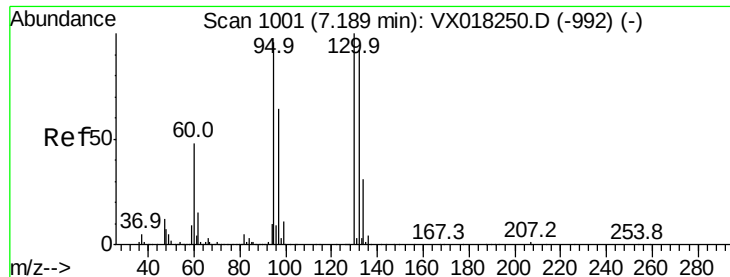
Tot Ion: 41 Resp: 77203
Ion Ratio Lower Upper
41 100
39 54.7 31.3 93.9
67 67.5 35.4 106.2
52 27.5 14.9 44.5



#36
1,2-Dichloroethane
Concen: 19.836 ug/l
RT: 6.17 min Scan# 833
Delta R.T. 0.00 min
Lab File: VX018261.D
Acq: 04 Sep 2020 15:36

Tgt Ion: 62 Resp: 149928
Ion Ratio Lower Upper
62 100
98 7.9 0.0 0.0#

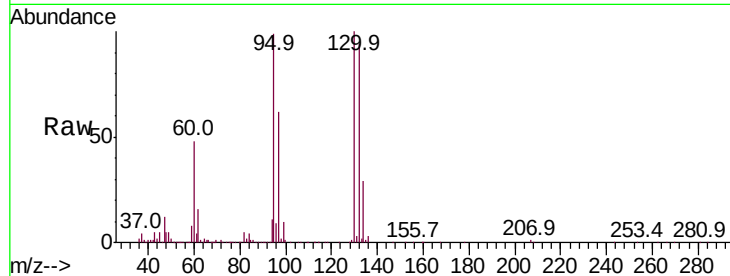




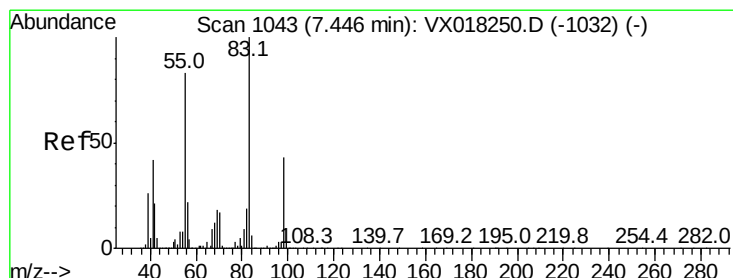
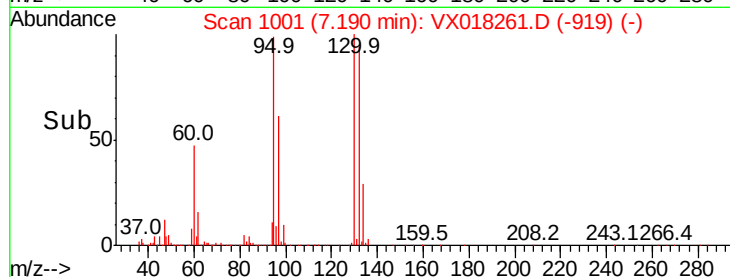
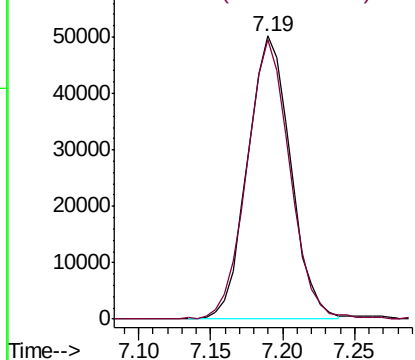
#37
 Trichloroethene
 Concen: 19.623 ug/l
 RT: 7.19 min Scan# 1001
 Delta R.T. 0.00 min
 Lab File: VX018261.D
 Acq: 04 Sep 2020 15:36

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

Tot Ion:130 Resp: 103628
 Ion Ratio Lower Upper
 130 100
 95 98.5 76.9 115.3

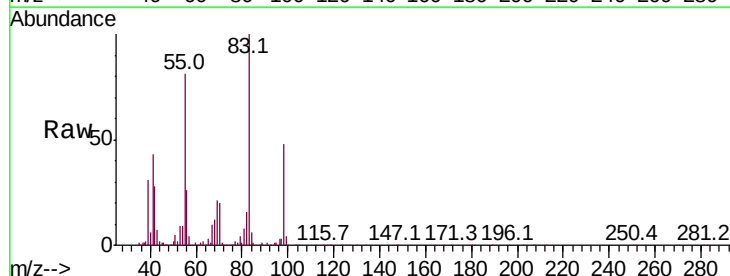


Abundance Ion 129.90 (129.60 to 130.60): V
 Ion 94.90 (94.60 to 95.60): VX0

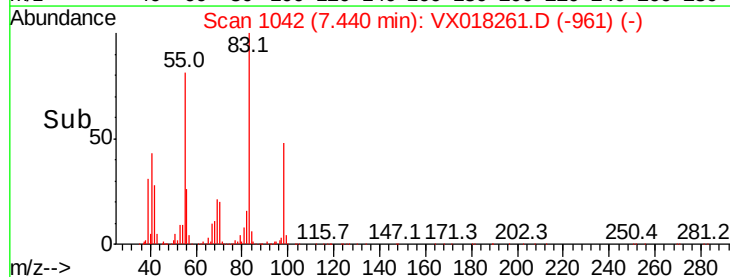
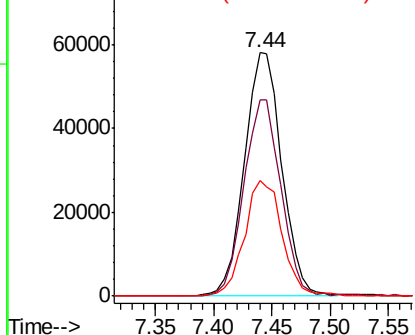


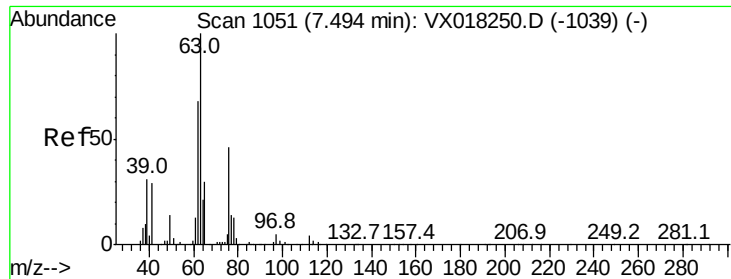
#38
 Methylcyclohexane
 Concen: 19.069 ug/l
 RT: 7.44 min Scan# 1042
 Delta R.T. -0.01 min
 Lab File: VX018261.D
 Acq: 04 Sep 2020 15:36

Tgt Ion: 83 Resp: 129952
 Ion Ratio Lower Upper
 83 100
 55 79.1 41.1 123.4
 98 47.5 24.0 72.0



Abundance Ion 83.00 (82.70 to 83.70): VX0
 Ion 55.00 (54.70 to 55.70): VX0
 Ion 98.00 (97.70 to 98.70): VX0





#39

1,2-Dichloropropane

Concen: 19.686 ug/l

RT: 7.49 min Scan# 1050

Delta R.T. -0.01 min

Lab File: VX018261.D

Acq: 04 Sep 2020 15:36

Instrument :

MSVOA_X

ClientSampleId :

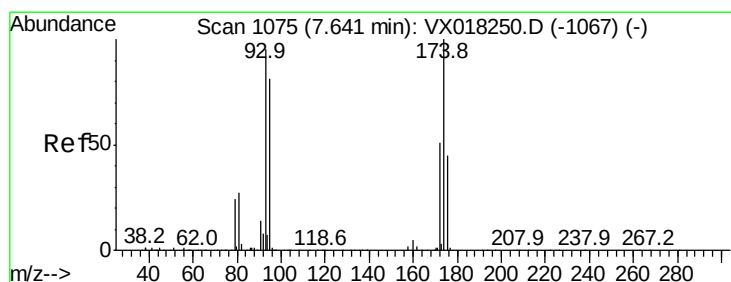
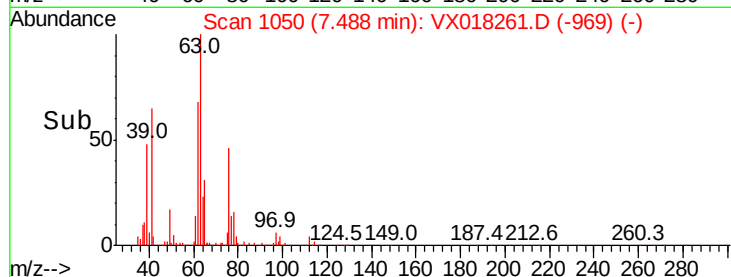
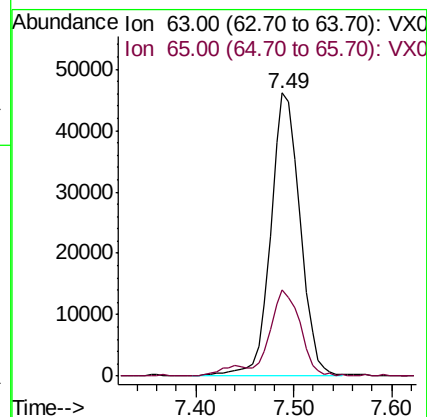
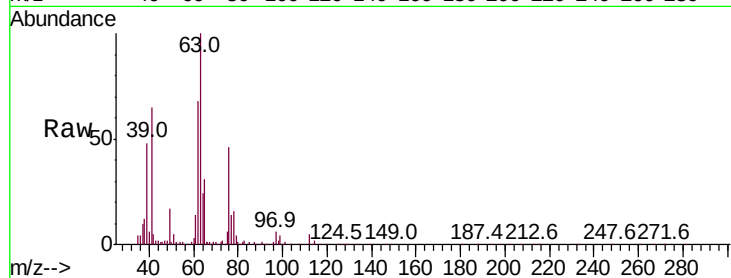
VSTDCCC020EC

Tot Ion: 63 Resp: 96293

Ion Ratio Lower Upper

63 100

65 30.7 25.7 38.5



#40

Dibromomethane

Concen: 20.064 ug/l

RT: 7.64 min Scan# 1075

Delta R.T. 0.00 min

Lab File: VX018261.D

Acq: 04 Sep 2020 15:36

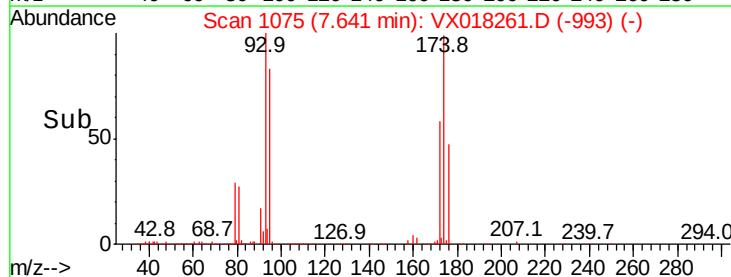
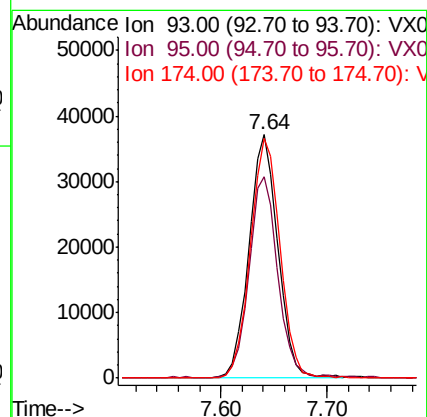
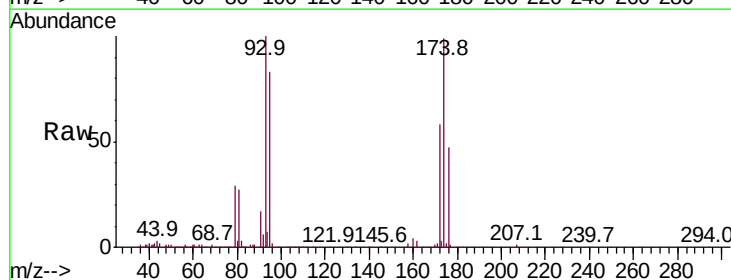
Tgt Ion: 93 Resp: 70873

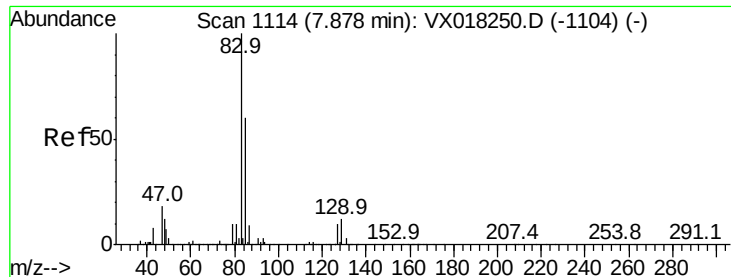
Ion Ratio Lower Upper

93 100

95 81.6 0.0 167.0

174 100.3 0.0 202.0





#41

Bromodichloromethane

Concen: 19.453 ug/l

RT: 7.88 min Scan# 1114

Delta R.T. 0.00 min

Lab File: VX018261.D

Acq: 04 Sep 2020 15:36

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

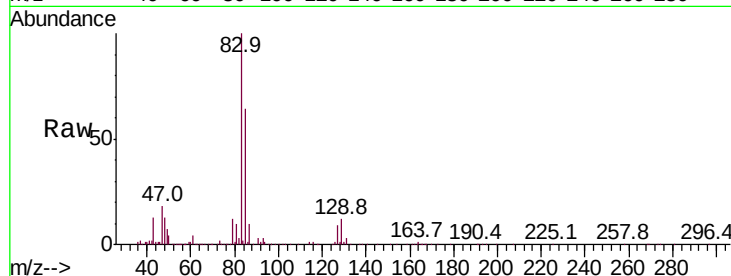
Tot Ion: 83 Resp: 142416

Ion Ratio Lower Upper

83 100

85 63.5 48.2 72.2

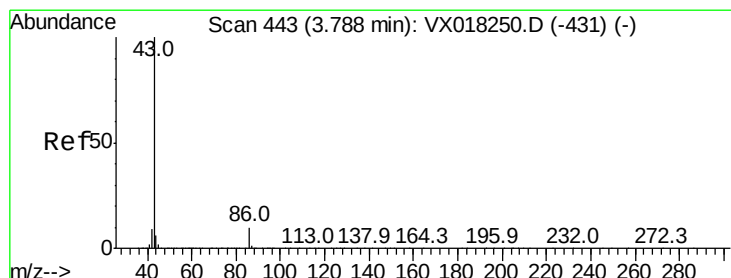
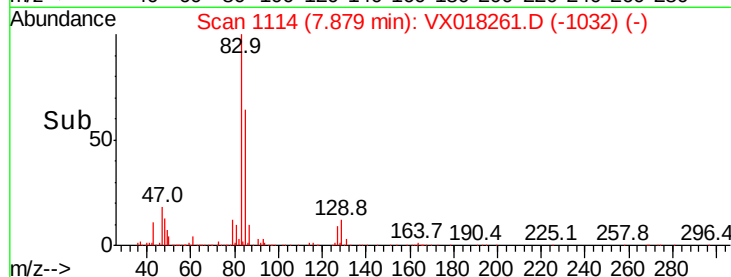
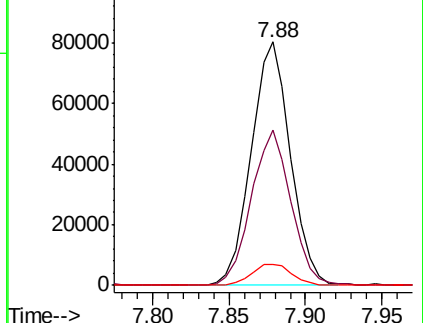
127 8.5 8.0 12.0



Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 85.00 (84.70 to 85.70): VX0

Ion 127.00 (126.70 to 127.70): V



#42

Vinyl Acetate

Concen: 100.553 ug/l

RT: 3.79 min Scan# 443

Delta R.T. 0.00 min

Lab File: VX018261.D

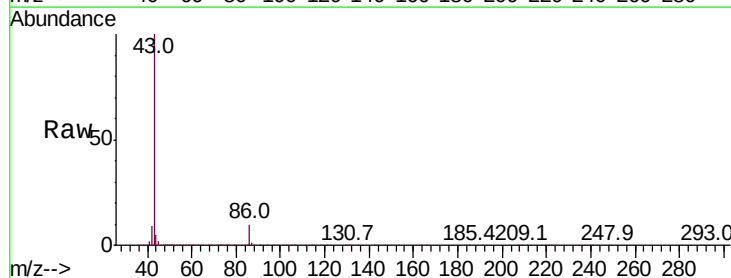
Acq: 04 Sep 2020 15:36

Tgt Ion: 43 Resp: 1314216

Ion Ratio Lower Upper

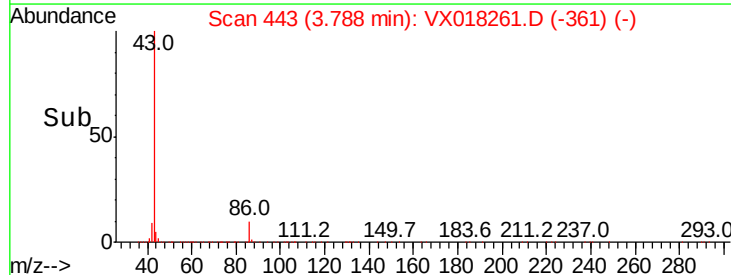
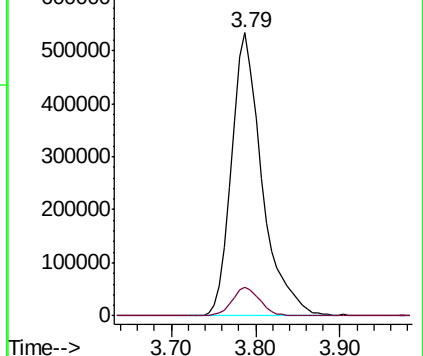
43 100

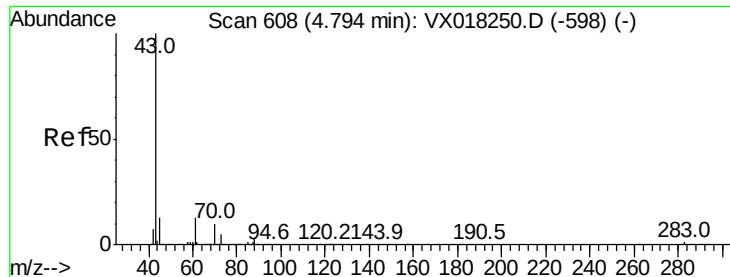
86 9.1 7.2 10.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

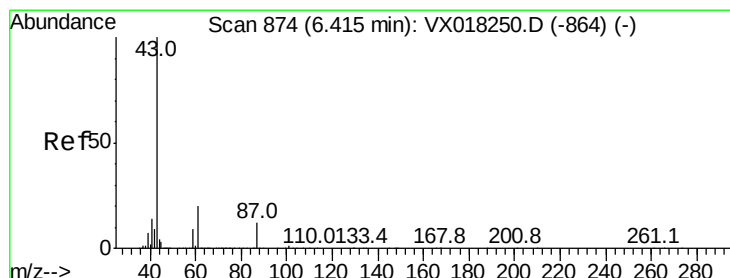
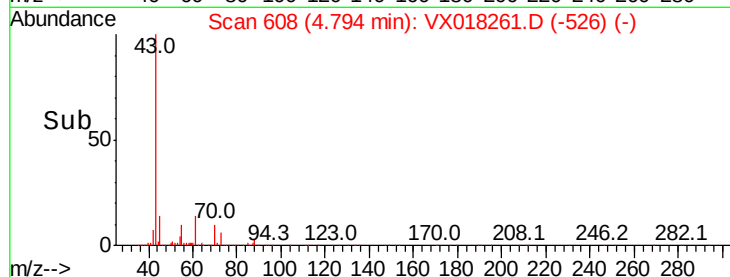
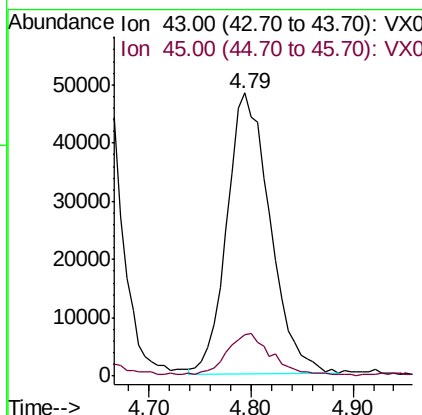
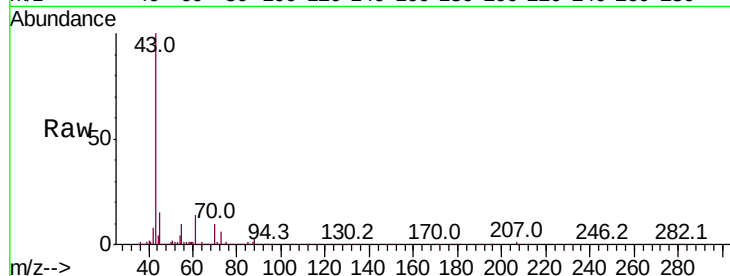




#43
Ethyl Acetate
Concen: 20.330 ug/l
RT: 4.79 min Scan# 608
Delta R.T. 0.00 min
Lab File: VX018261.D
Acq: 04 Sep 2020 15:36

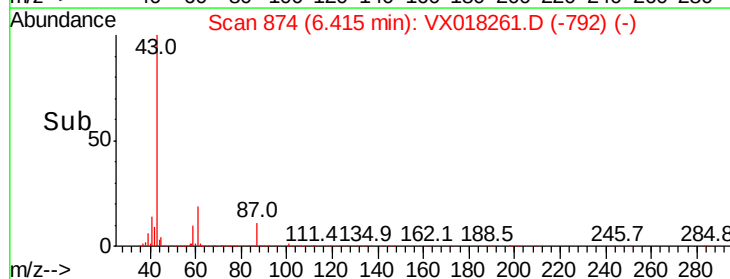
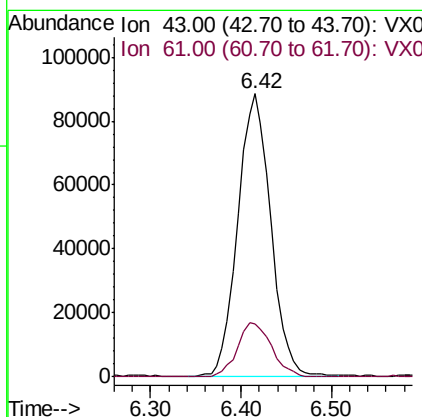
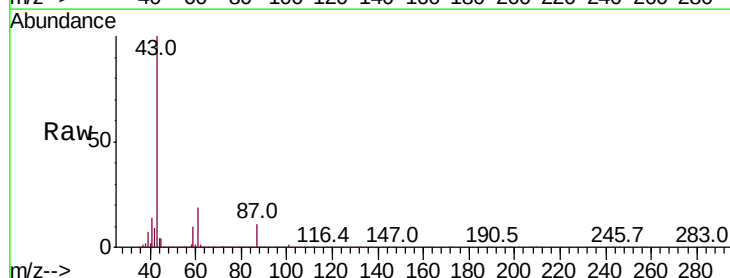
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

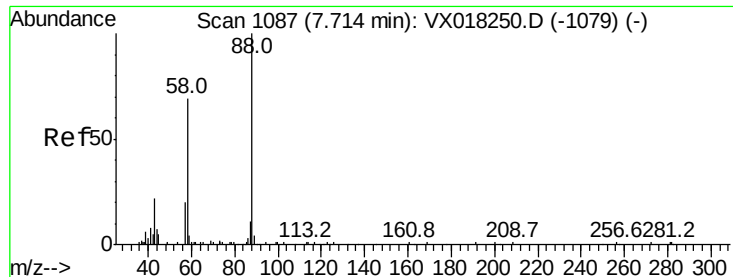
Tot Ion: 43 Resp: 141620
Ion Ratio Lower Upper
43 100
45 14.3 11.2 16.8



#44
Isopropyl Acetate
Concen: 19.727 ug/l
RT: 6.42 min Scan# 874
Delta R.T. 0.00 min
Lab File: VX018261.D
Acq: 04 Sep 2020 15:36

Tgt Ion: 43 Resp: 221450
Ion Ratio Lower Upper
43 100
61 20.0 14.6 22.0





#45

1,4-Dioxane

Concen: 373.110 ug/l

RT: 7.71 min Scan# 1087

Delta R.T. 0.00 min

Lab File: VX018261.D

Acq: 04 Sep 2020 15:36

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

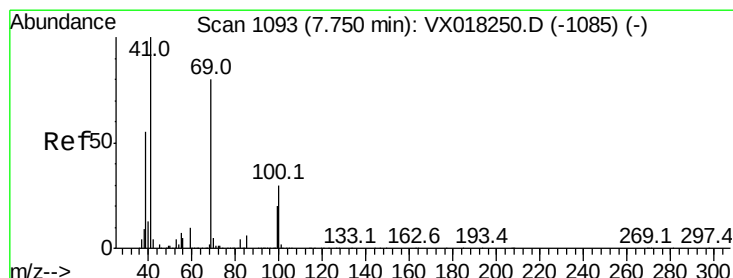
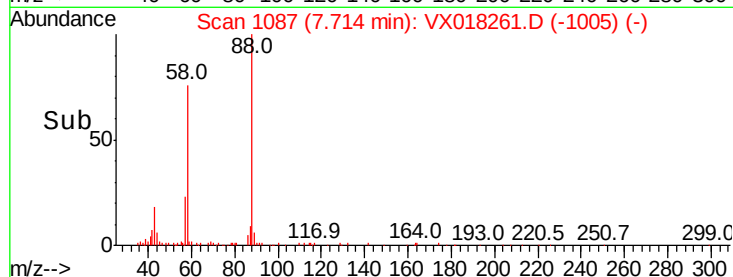
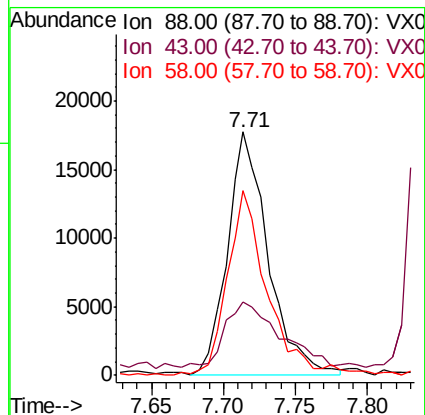
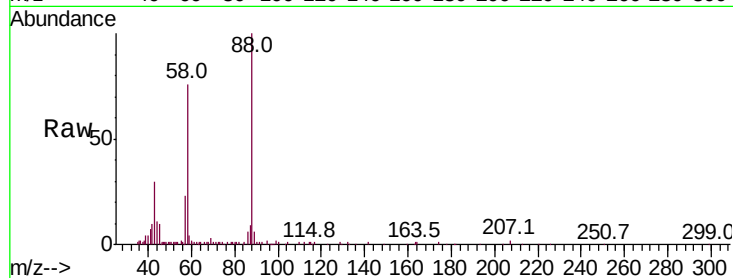
Tot Ion: 88 Resp: 34992

Ion Ratio Lower Upper

88 100

43 33.8 13.6 20.4#

58 68.3 58.2 87.4



#46

Methyl methacrylate

Concen: 19.641 ug/l

RT: 7.74 min Scan# 1092

Delta R.T. -0.01 min

Lab File: VX018261.D

Acq: 04 Sep 2020 15:36

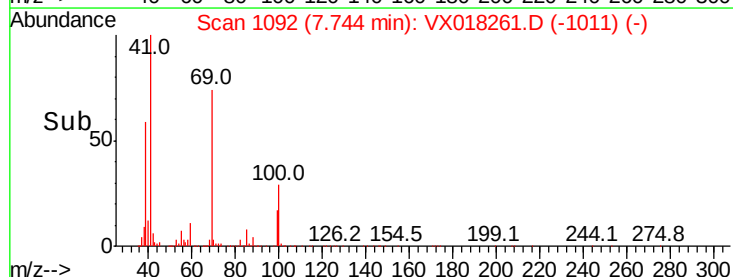
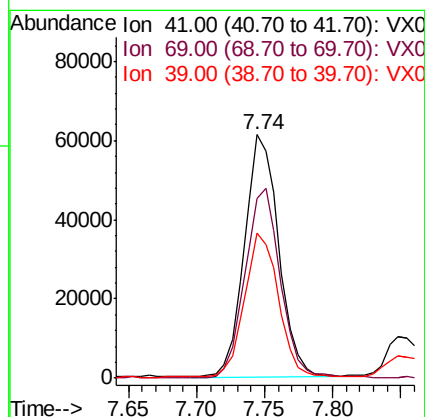
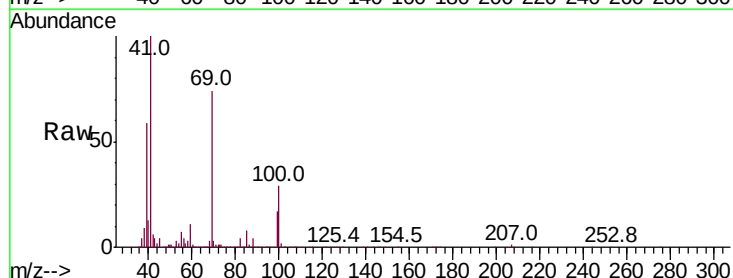
Tgt Ion: 41 Resp: 108516

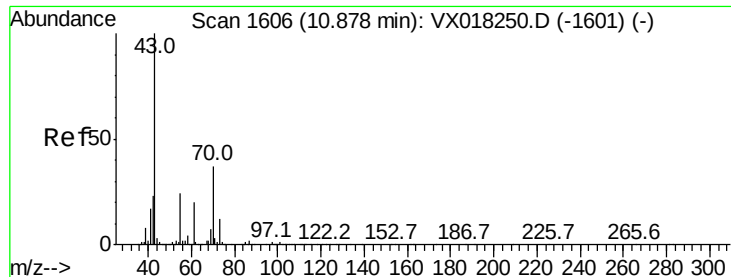
Ion Ratio Lower Upper

41 100

69 74.0 40.3 120.8

39 59.2 27.3 81.9





#47

n-amvl Acetate

Concen: 19.561 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. 0.00 min

Lab File: VX018261.D

Acq: 04 Sep 2020 15:36

Instrument :

MSVOA_X

ClientSampleId :

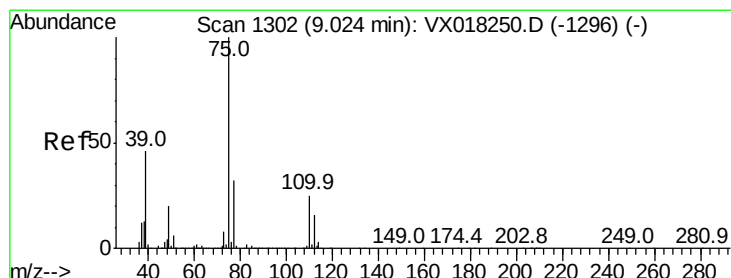
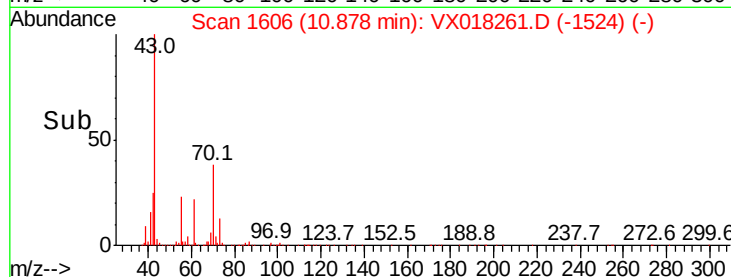
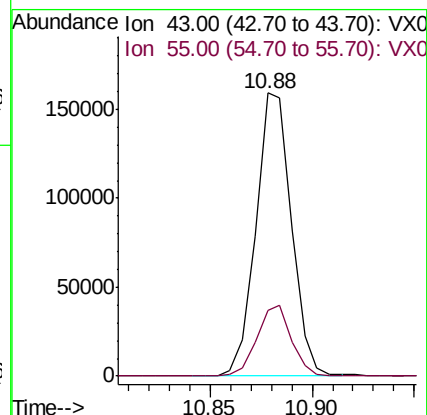
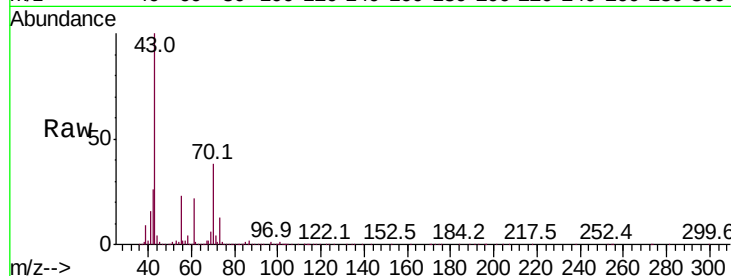
VSTDCCC020EC

Tot Ion: 43 Resp: 192954

Ion Ratio Lower Upper

43 100

55 23.8 18.9 28.3



#48

t-1,3-Dichloropropene

Concen: 19.755 ug/l

RT: 9.02 min Scan# 1302

Delta R.T. 0.00 min

Lab File: VX018261.D

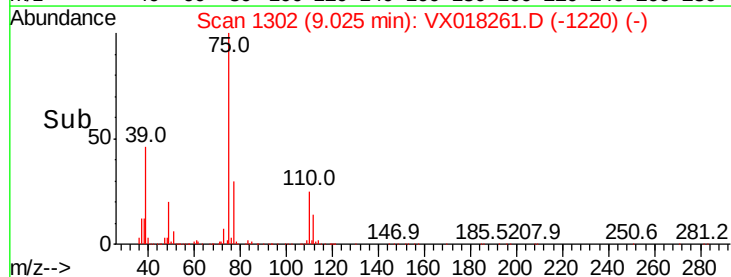
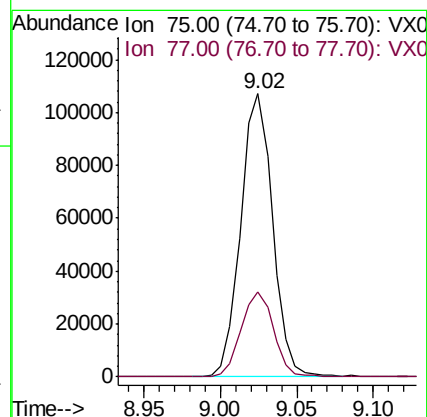
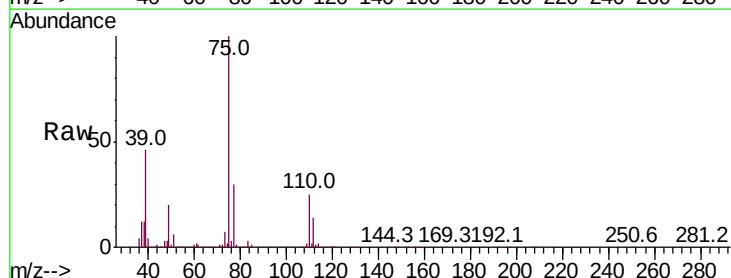
Acq: 04 Sep 2020 15:36

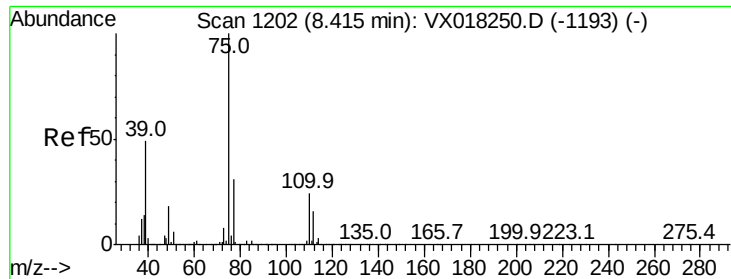
Tgt Ion: 75 Resp: 155352

Ion Ratio Lower Upper

75 100

77 30.1 25.4 38.2



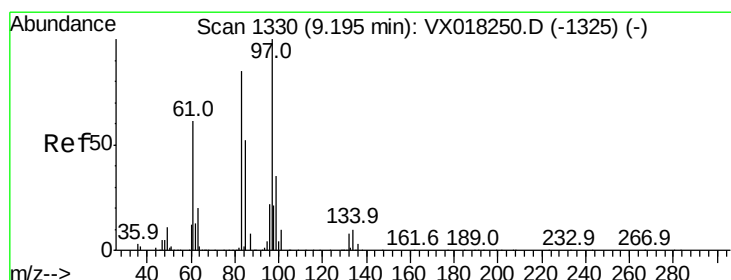
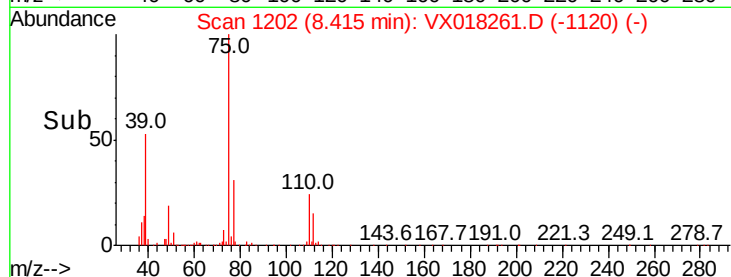
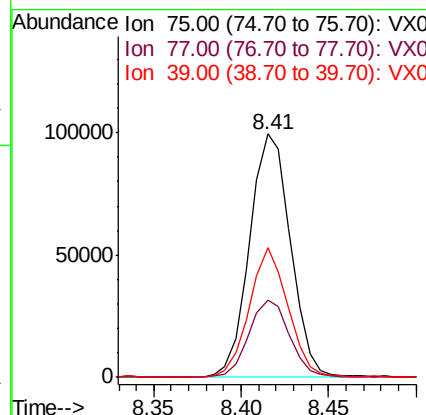
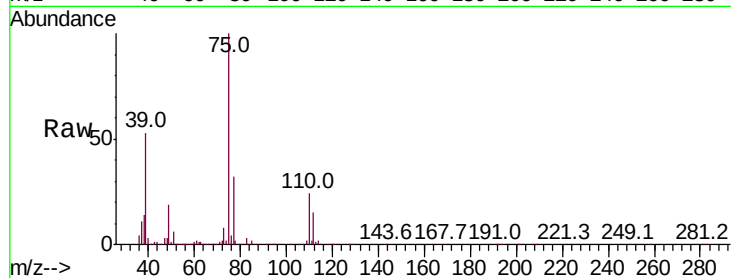


#49

cis-1,3-Dichloropropene
 Concen: 19.478 ug/l
 RT: 8.41 min Scan# 1202
 Delta R.T. 0.00 min
 Lab File: VX018261.D
 Acq: 04 Sep 2020 15:36

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

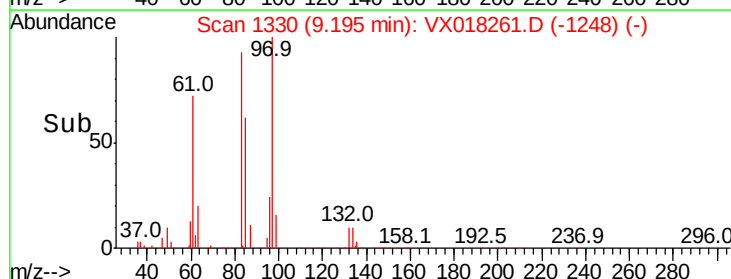
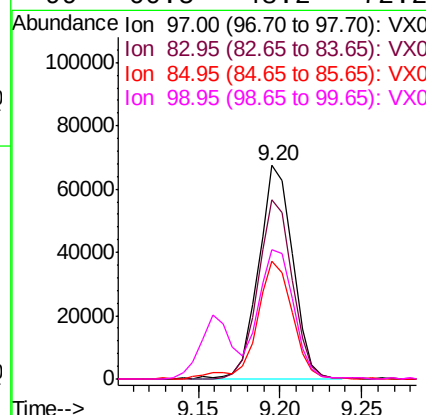
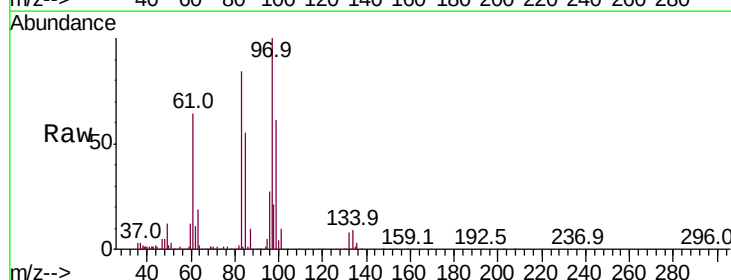
Tot Ion	Ratio	Lower	Upper
75	100		
77	31.4	24.7	37.1
39	52.9	39.6	59.4

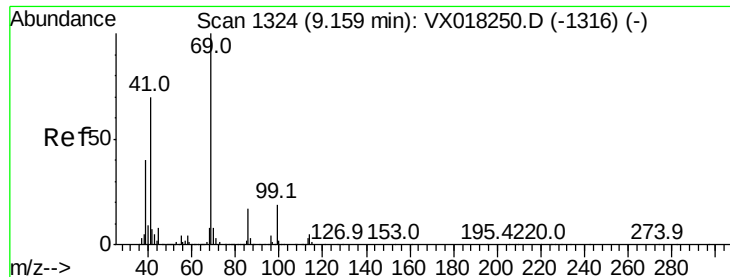


#50

1,1,2-Trichloroethane
 Concen: 20.088 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. 0.00 min
 Lab File: VX018261.D
 Acq: 04 Sep 2020 15:36

Tgt Ion	Ratio	Lower	Upper
97	100		
83	83.9	68.1	102.1
85	55.1	42.6	64.0
99	60.5	48.2	72.2





#51

Ethyl methacrylate

Concen: 19.025 ug/l

RT: 9.16 min Scan# 1324

Delta R.T. 0.00 min

Lab File: VX018261.D

Acq: 04 Sep 2020 15:36

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

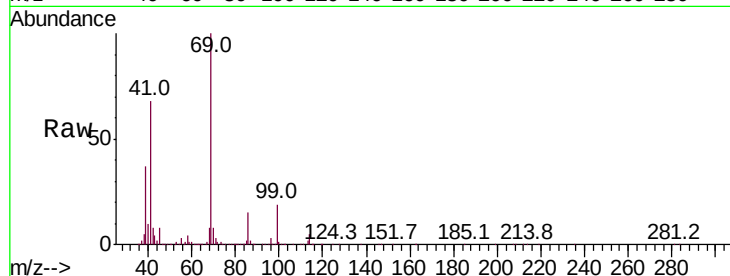
Tot Ion: 69 Resp: 135652

Ion Ratio Lower Upper

69 100

41 68.2 34.9 104.7

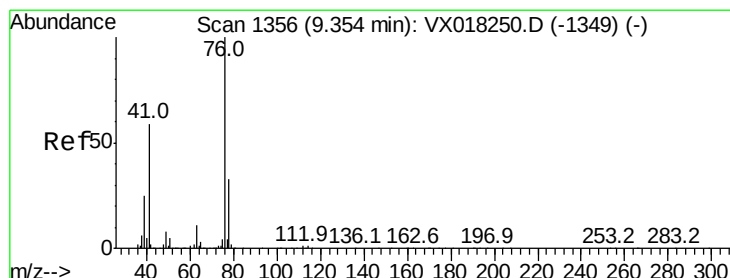
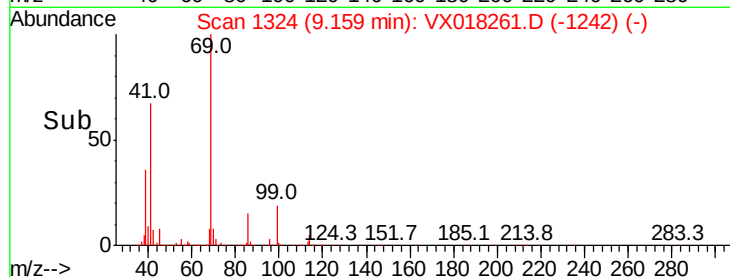
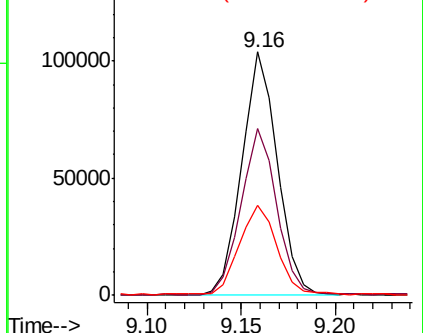
39 36.4 19.8 59.3



Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0



#52

1,3-Dichloropropane

Concen: 19.447 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. 0.00 min

Lab File: VX018261.D

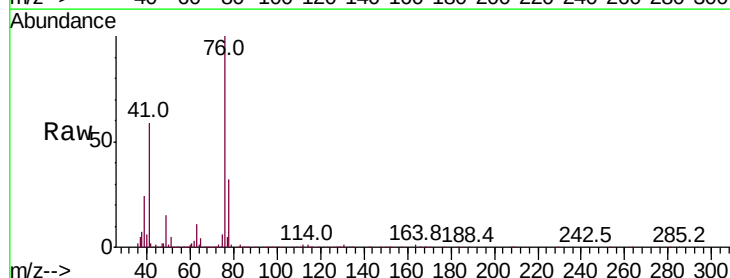
Acq: 04 Sep 2020 15:36

Tgt Ion: 76 Resp: 158880

Ion Ratio Lower Upper

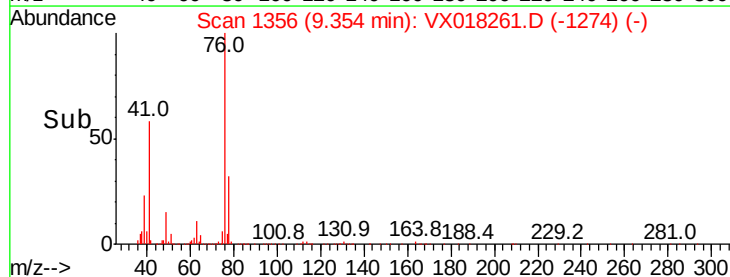
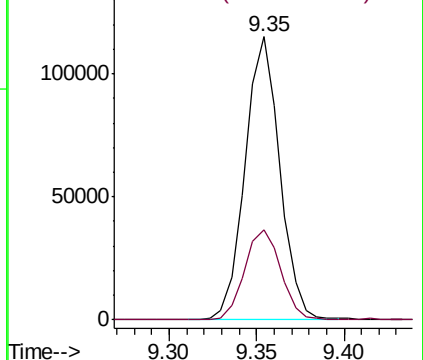
76 100

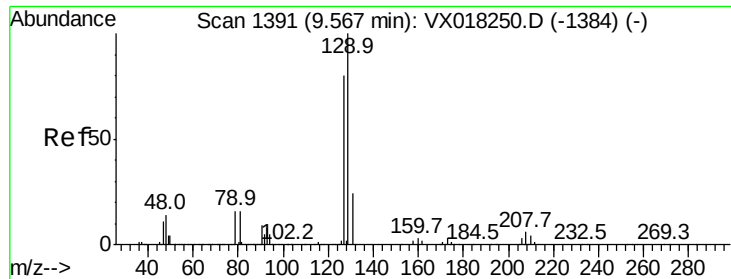
78 33.4 0.0 62.2



Abundance Ion 76.00 (75.70 to 76.70): VX0

Ion 78.00 (77.70 to 78.70): VX0





#53

Dibromochloromethane

Concen: 19.073 ug/l

RT: 9.57 min Scan# 1391

Delta R.T. 0.00 min

Lab File: VX018261.D

Acq: 04 Sep 2020 15:36

Instrument :

MSVOA_X

ClientSampleId :

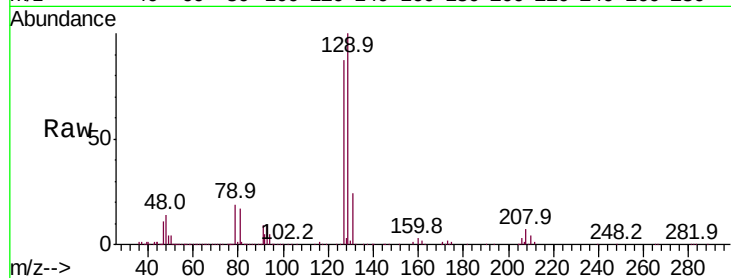
VSTDCCC020EC

Tot Ion:129 Resp: 116727

Ion Ratio Lower Upper

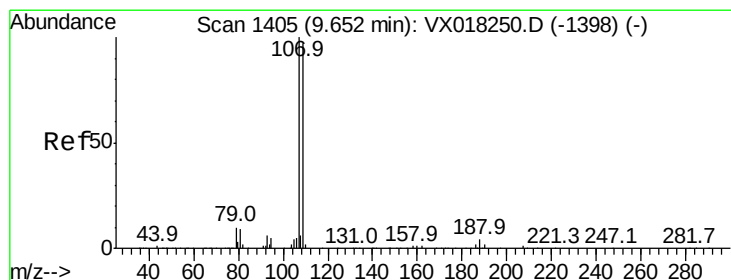
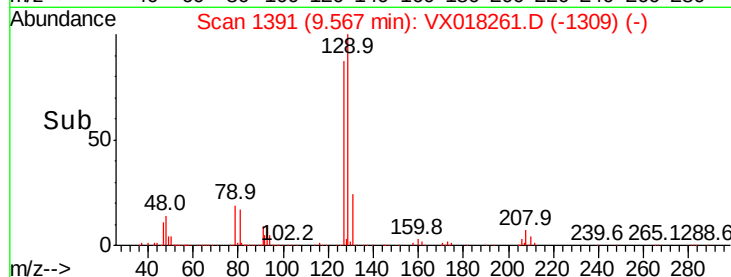
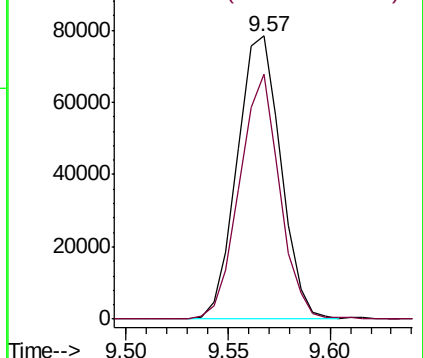
129 100

127 79.8 38.9 116.6



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V



#54

1,2-Dibromoethane

Concen: 20.010 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. 0.00 min

Lab File: VX018261.D

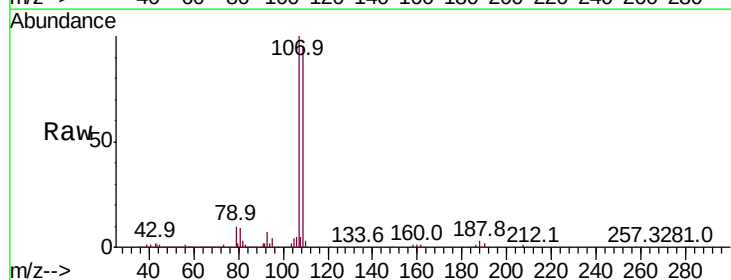
Acq: 04 Sep 2020 15:36

Tgt Ion:107 Resp: 108043

Ion Ratio Lower Upper

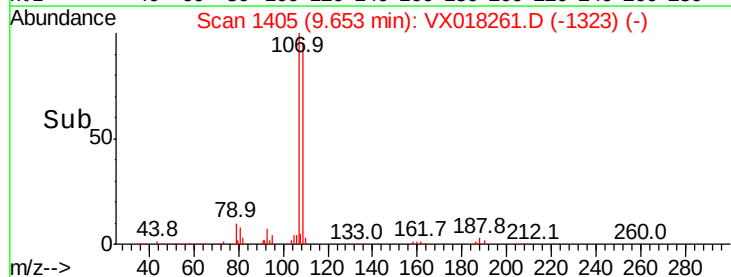
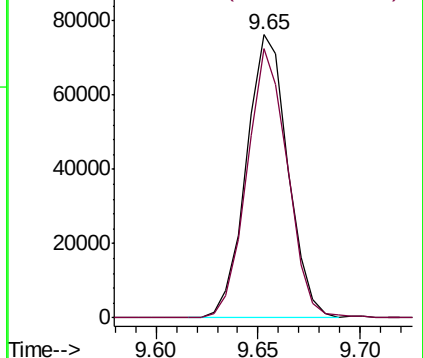
107 100

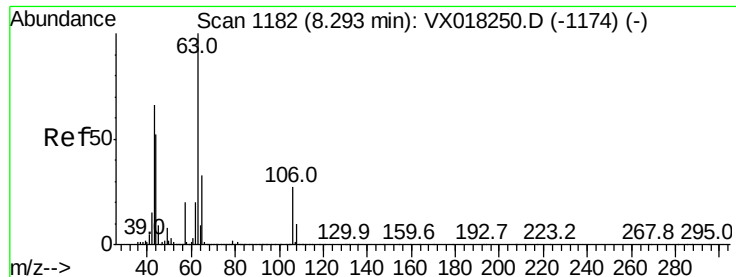
109 92.7 77.8 116.6



Abundance Ion 107.00 (106.70 to 107.70): V

Ion 109.00 (108.70 to 109.70): V





#55

2-Chloroethyl vinyl ether

Concen: 101.177 ug/l

RT: 8.29 min Scan# 1182

Delta R.T. 0.00 min

Lab File: VX018261.D

Acq: 04 Sep 2020 15:36

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

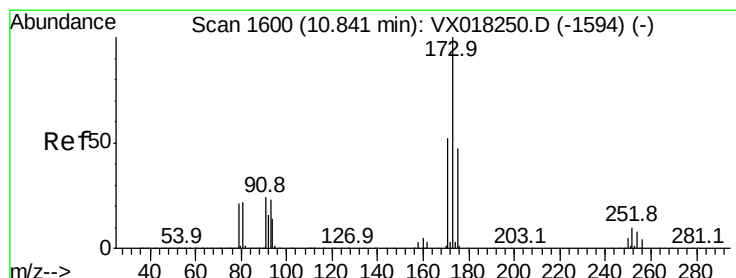
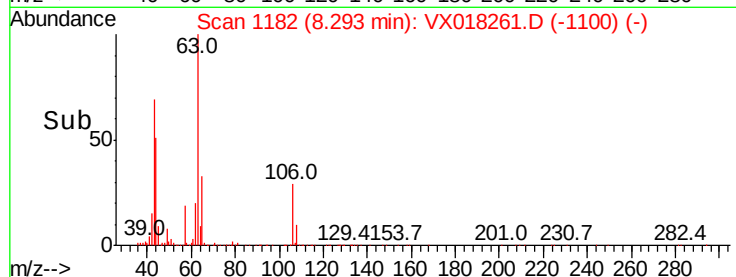
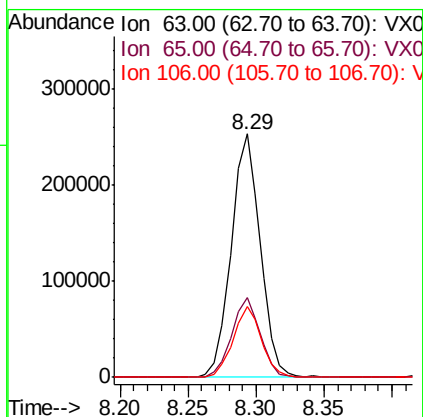
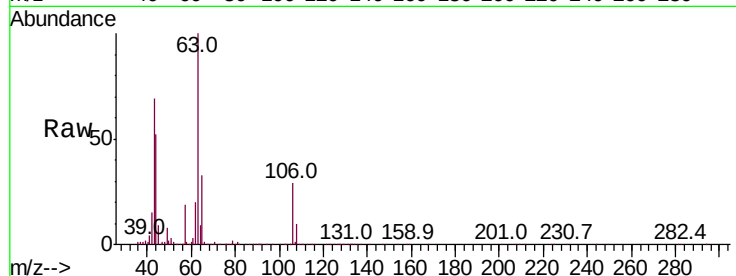
Tot Ion: 63 Resp: 376719

Ion Ratio Lower Upper

63 100

65 32.1 26.0 39.0

106 28.5 22.3 33.5



#56

Bromoform

Concen: 19.073 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. 0.00 min

Lab File: VX018261.D

Acq: 04 Sep 2020 15:36

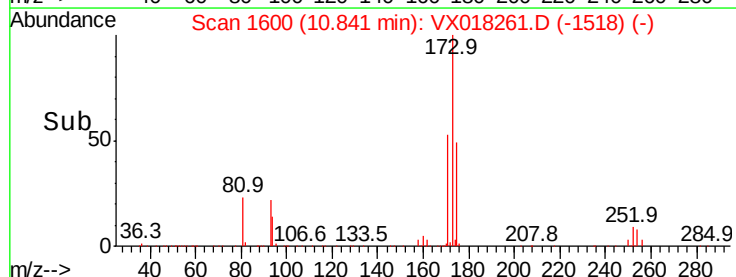
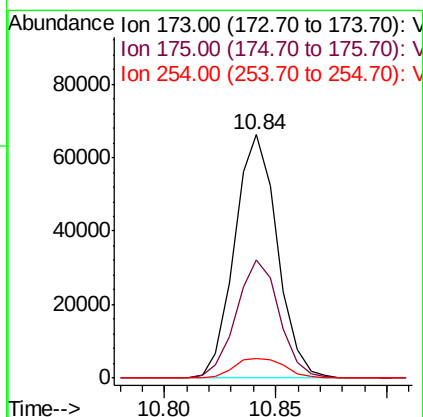
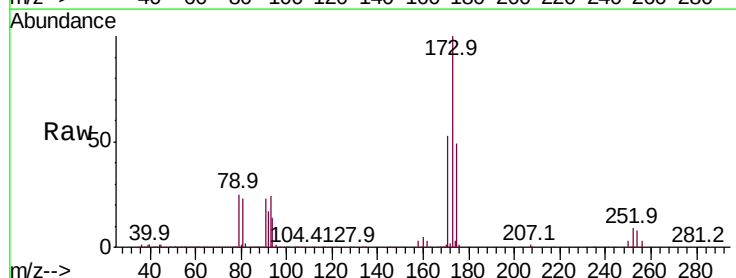
Tgt Ion:173 Resp: 88690

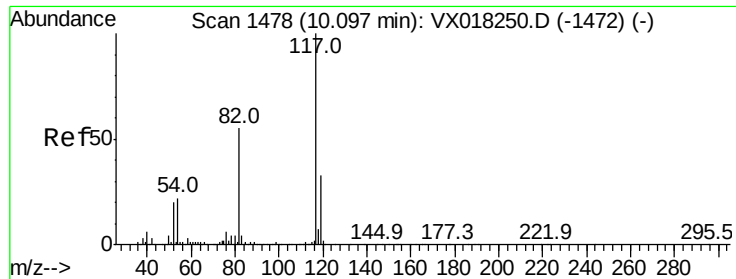
Ion Ratio Lower Upper

173 100

175 49.4 40.2 60.2

254 9.6 7.3 10.9

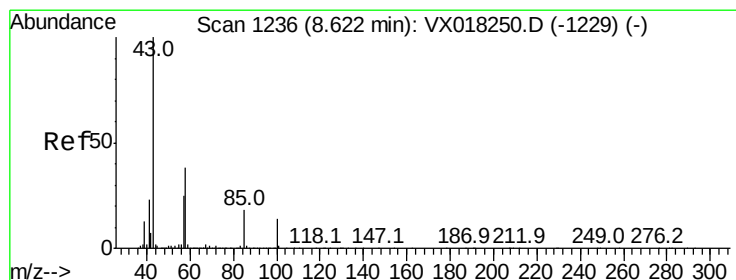
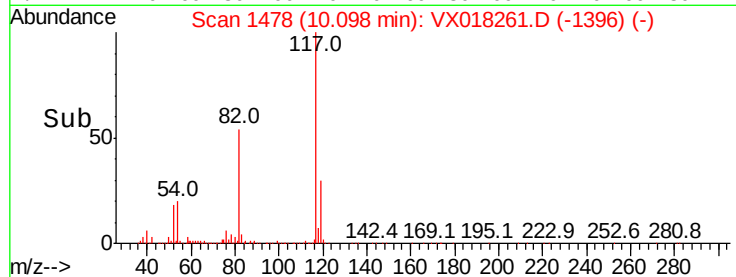
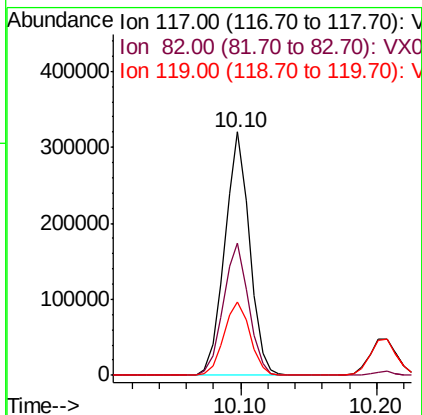
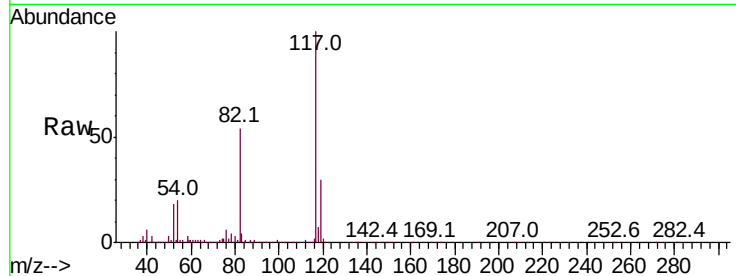




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. 0.00 min
Lab File: VX018261.D
Acq: 04 Sep 2020 15:36

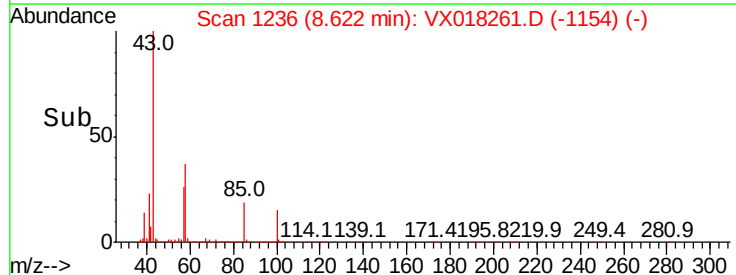
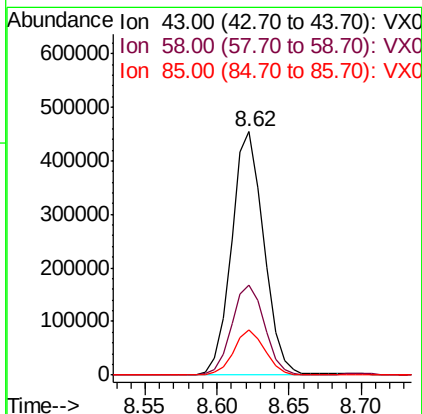
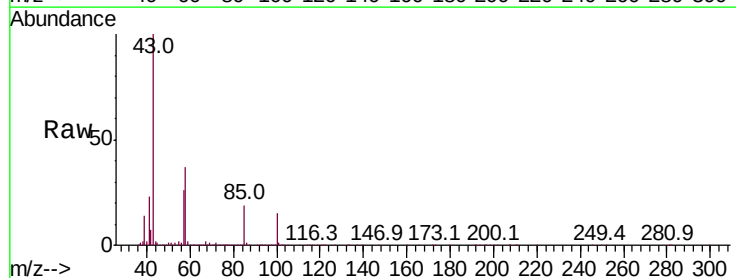
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

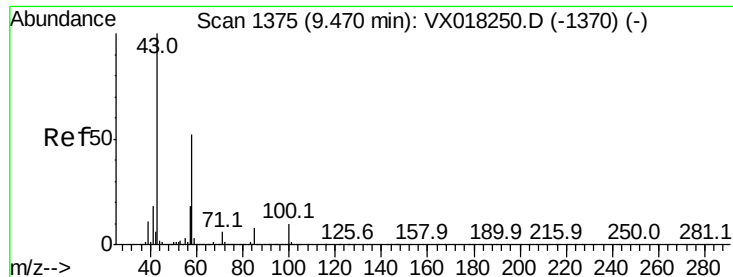
Tot Ion	Ratio	Lower	Upper
117	100		
82	55.3	44.2	66.4
119	31.7	26.1	39.1



#58
4-Methyl-2-Pentanone
Concen: 102.167 ug/l
RT: 8.62 min Scan# 1236
Delta R.T. 0.00 min
Lab File: VX018261.D
Acq: 04 Sep 2020 15:36

Tgt Ion	Ratio	Lower	Upper
43	100		
58	37.7	30.0	45.0
85	18.2	14.2	21.4

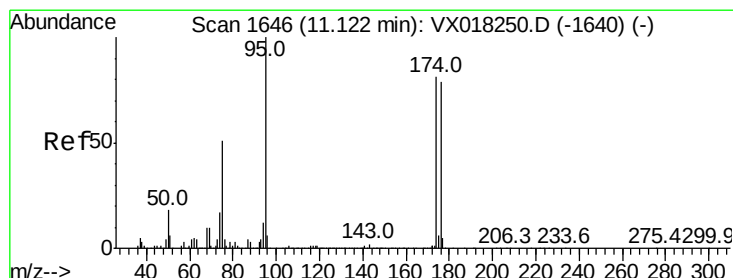
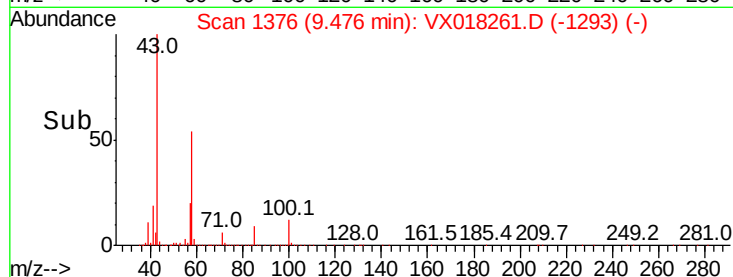
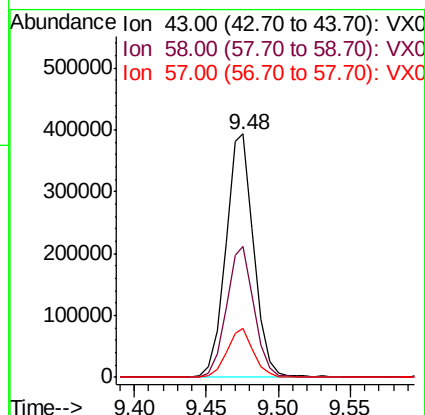
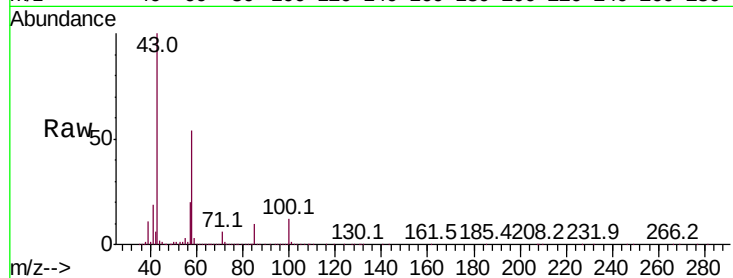




#59
2-Hexanone
Concen: 101.314 ug/l
RT: 9.48 min Scan# 1376
Delta R.T. 0.01 min
Lab File: VX018261.D
Acq: 04 Sep 2020 15:36

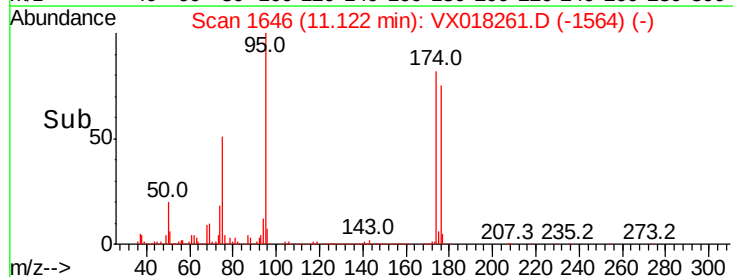
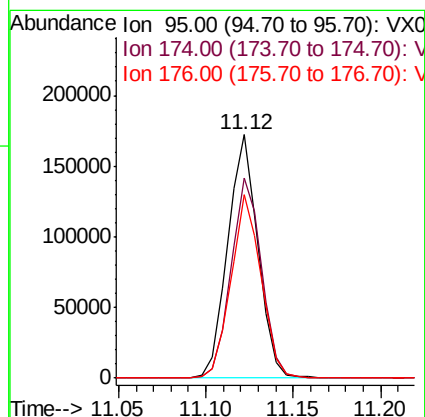
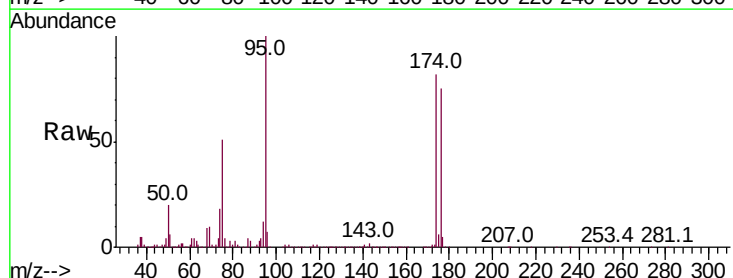
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

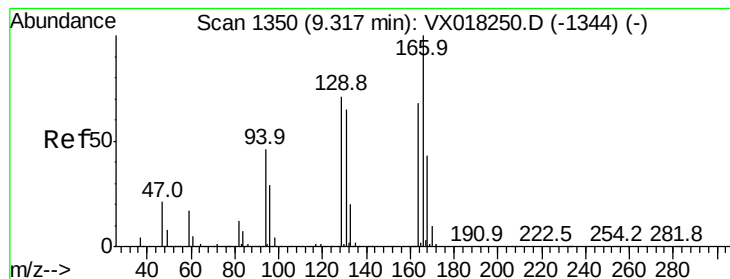
Tot Ion: 43 Resp: 534358
Ion Ratio Lower Upper
43 100
58 52.9 42.5 63.7
57 18.9 14.8 22.2



#60
4-Bromofluorobenzene
Concen: 29.396 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. 0.00 min
Lab File: VX018261.D
Acq: 04 Sep 2020 15:36

Tgt Ion: 95 Resp: 206272
Ion Ratio Lower Upper
95 100
174 83.2 64.2 96.4
176 75.3 62.2 93.4





#61

Tetrachloroethene

Concen: 19.660 ug/l

RT: 9.32 min Scan# 1350

Delta R.T. 0.00 min

Lab File: VX018261.D

Acq: 04 Sep 2020 15:36

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tot Ion:164 Resp: 99266

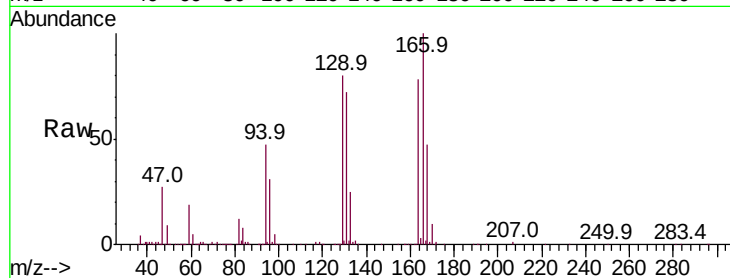
Ion Ratio Lower Upper

164 100

166 127.6 117.4 176.0

129 102.7 82.7 124.1

131 91.8 76.7 115.1

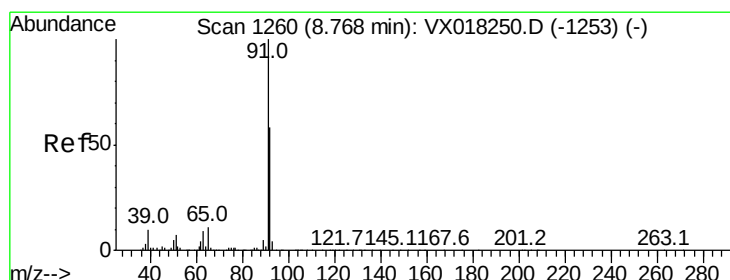
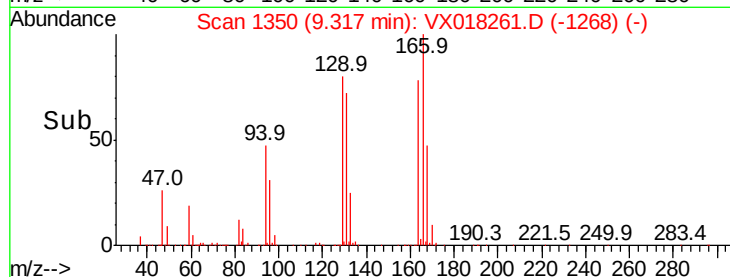
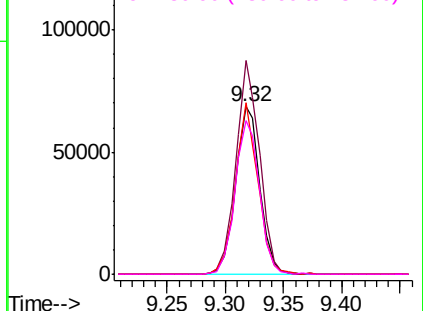


Abundance Ion 163.85 (163.55 to 164.55): V

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: 19.657 ug/l

RT: 8.77 min Scan# 1260

Delta R.T. 0.00 min

Lab File: VX018261.D

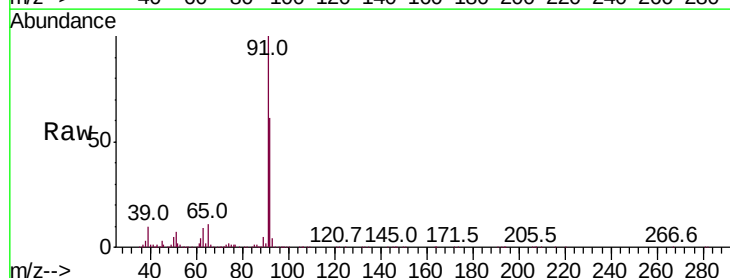
Acq: 04 Sep 2020 15:36

Tgt Ion: 91 Resp: 400510

Ion Ratio Lower Upper

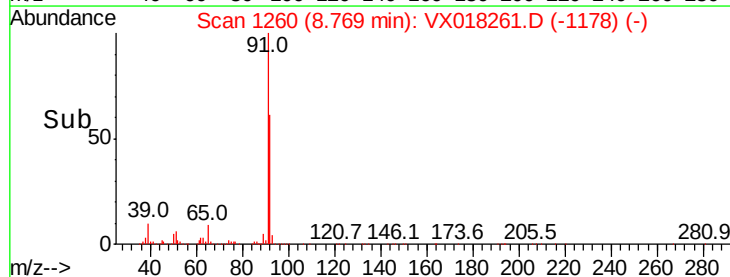
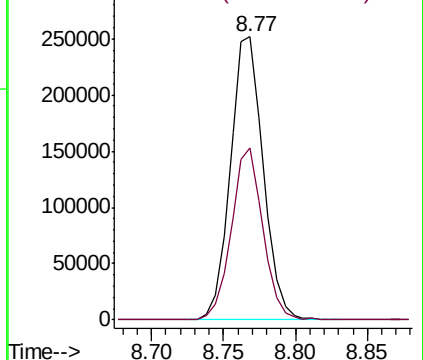
91 100

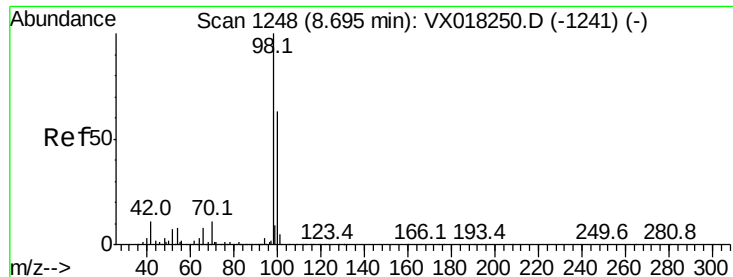
92 58.1 46.9 70.3



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 92.00 (91.70 to 92.70): VX0





#63

Toluene-d8

Concen: 30.131 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. 0.00 min

Lab File: VX018261.D

Acq: 04 Sep 2020 15:36

Instrument :

MSVOA_X

ClientSampleId :

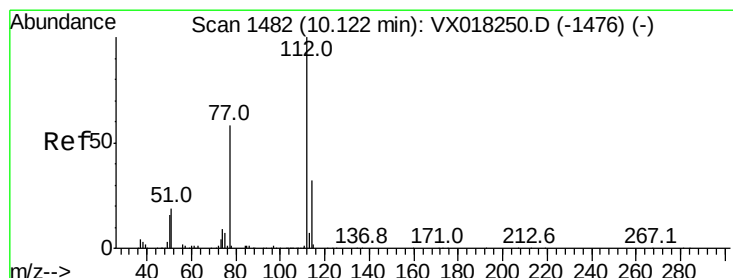
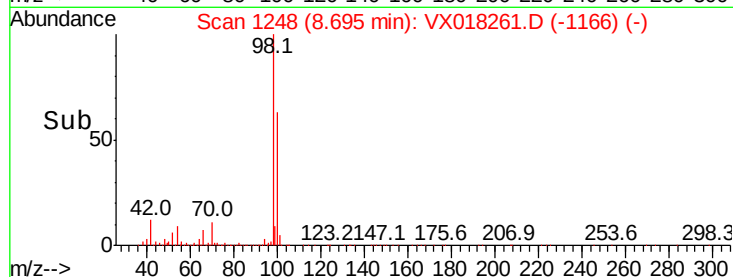
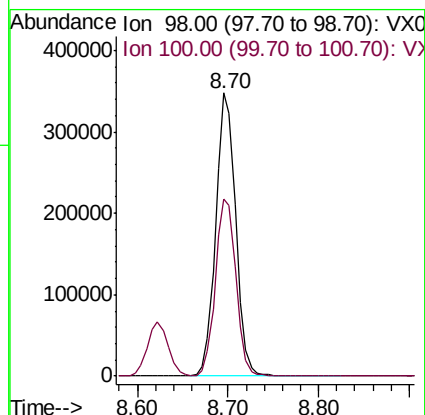
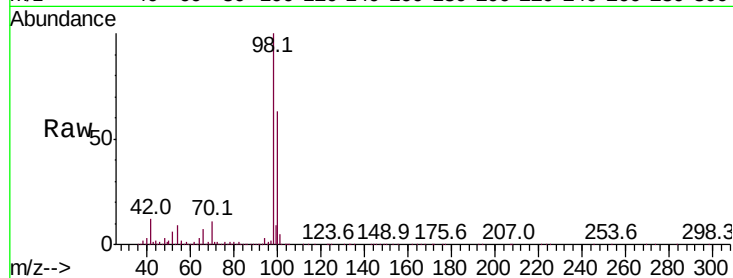
VSTDCCC020EC

Tot Ion: 98 Resp: 537662

Ion Ratio Lower Upper

98 100

100 64.6 51.4 77.0



#64

Chlorobenzene

Concen: 19.409 ug/l

RT: 10.12 min Scan# 1482

Delta R.T. 0.00 min

Lab File: VX018261.D

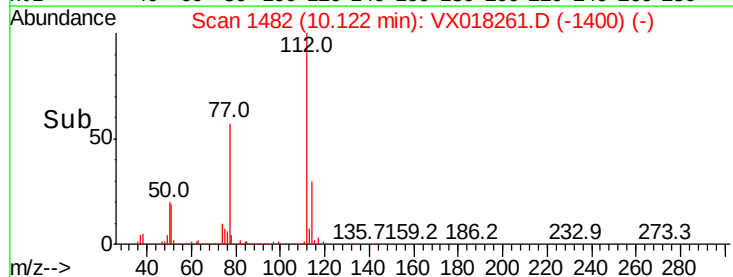
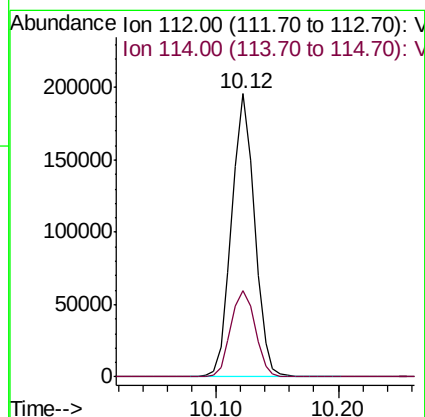
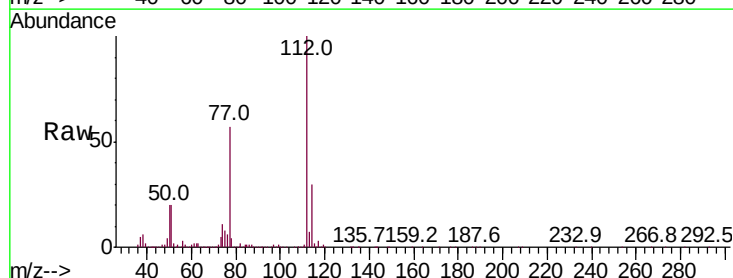
Acq: 04 Sep 2020 15:36

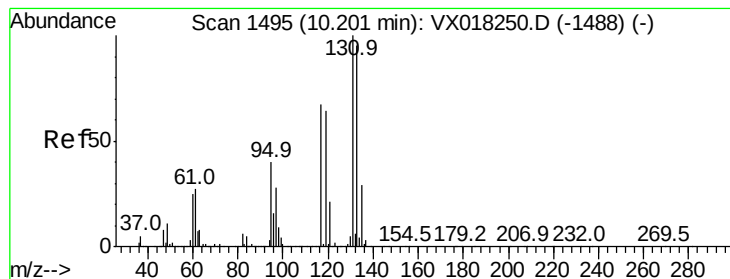
Tgt Ion: 112 Resp: 254122

Ion Ratio Lower Upper

112 100

114 30.3 25.8 38.8





#65

1,1,1,2-Tetrachloroethane

Concen: 19.954 ug/l

RT: 10.21 min Scan# 1496

Delta R.T. 0.01 min

Lab File: VX018261.D

Acq: 04 Sep 2020 15:36

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

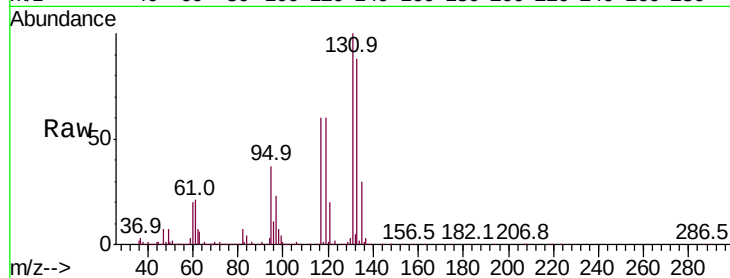
Tot Ion:131 Resp: 105808

Ion Ratio Lower Upper

131 100

133 94.5 0.0 197.2

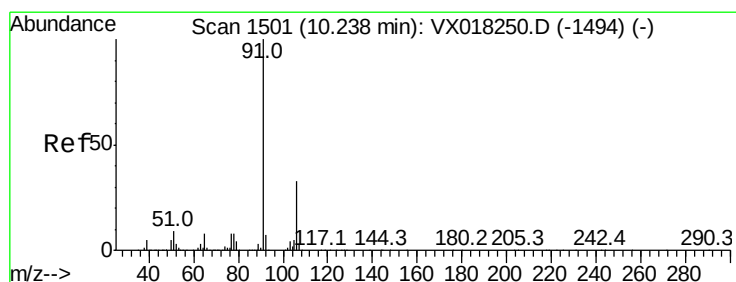
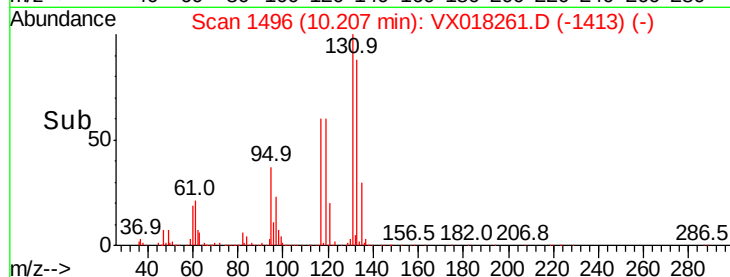
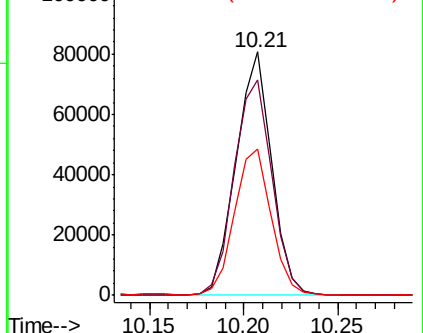
119 62.2 0.0 129.8



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: 19.676 ug/l

RT: 10.24 min Scan# 1501

Delta R.T. 0.00 min

Lab File: VX018261.D

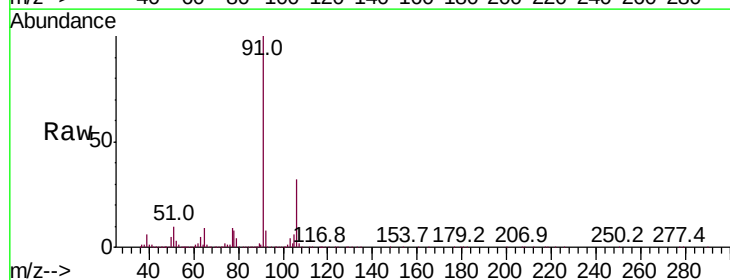
Acq: 04 Sep 2020 15:36

Tgt Ion: 91 Resp: 442961

Ion Ratio Lower Upper

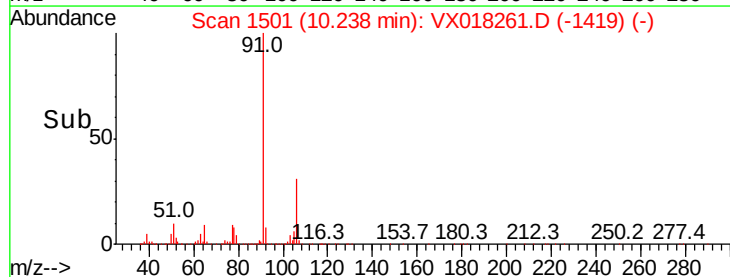
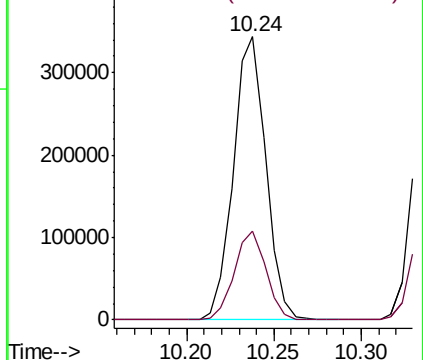
91 100

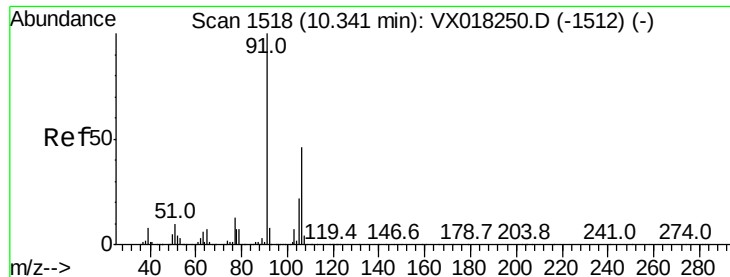
106 31.5 26.3 39.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V

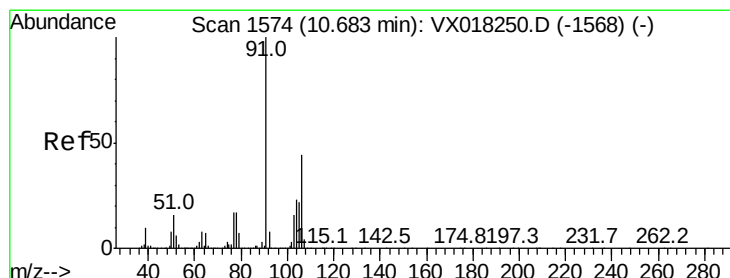
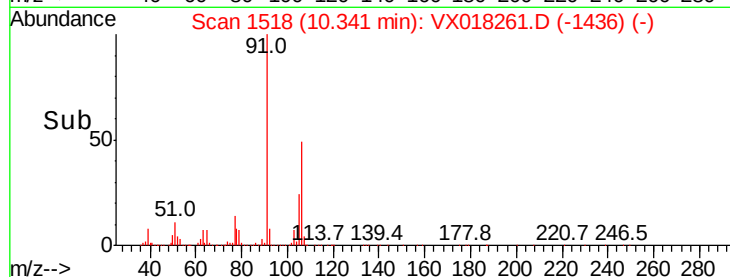
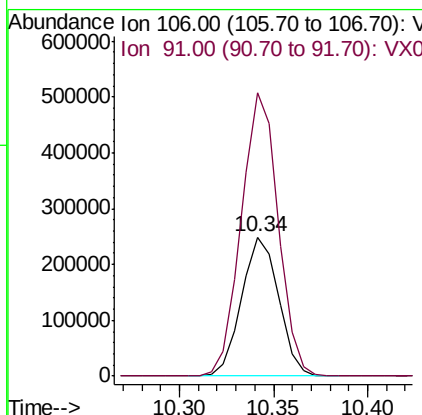
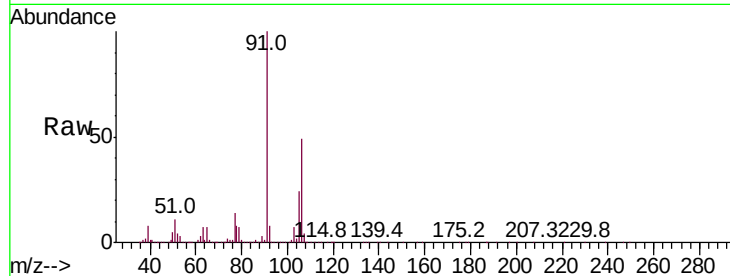




#67
m/p-Xylenes
Concen: 39.439 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. 0.00 min
Lab File: VX018261.D
Acq: 04 Sep 2020 15:36

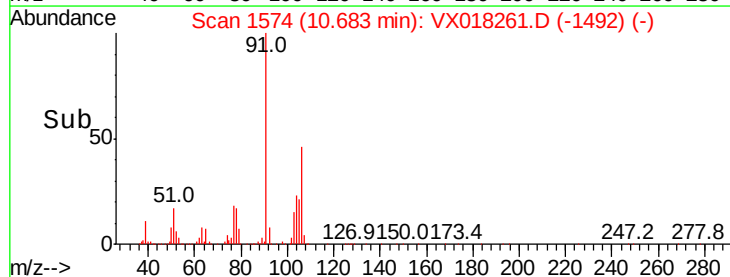
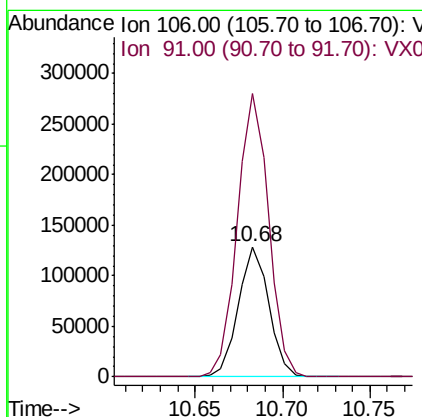
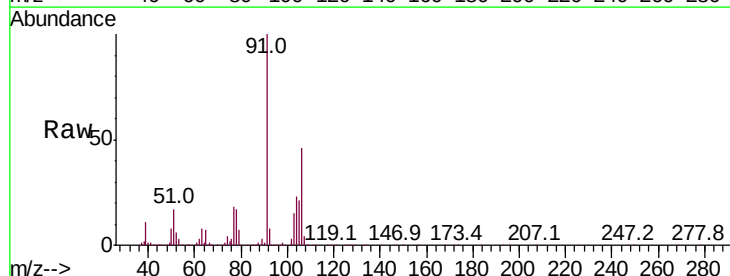
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

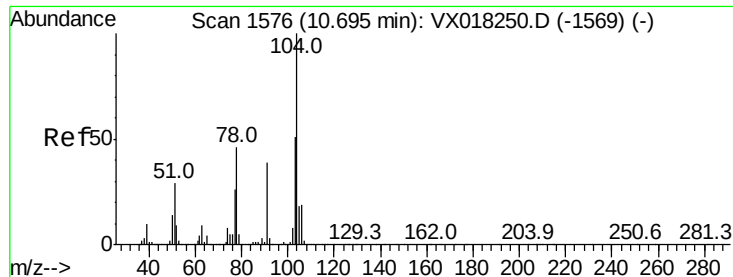
Tot Ion:106 Resp: 339548
Ion Ratio Lower Upper
106 100
91 203.2 166.2 249.2



#68
o-Xylene
Concen: 19.321 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. 0.00 min
Lab File: VX018261.D
Acq: 04 Sep 2020 15:36

Tgt Ion:106 Resp: 157174
Ion Ratio Lower Upper
106 100
91 221.3 109.2 327.6

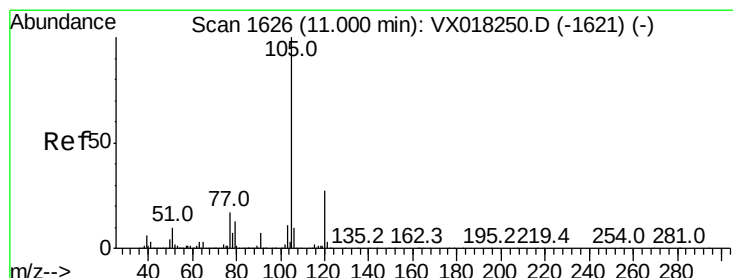
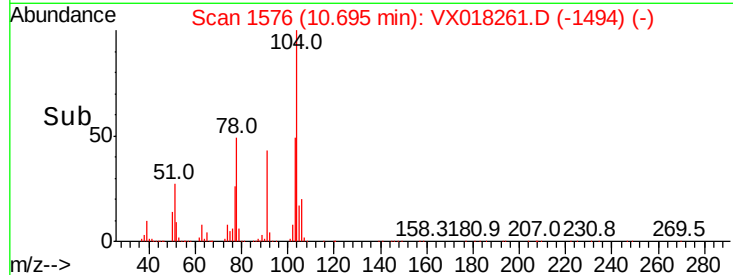
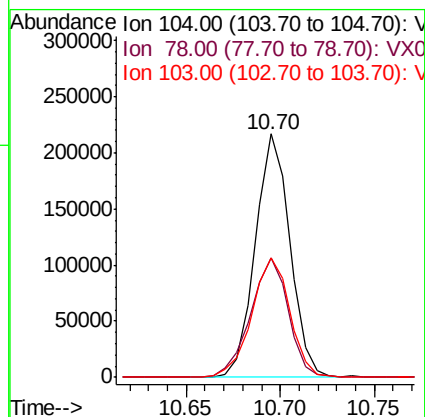
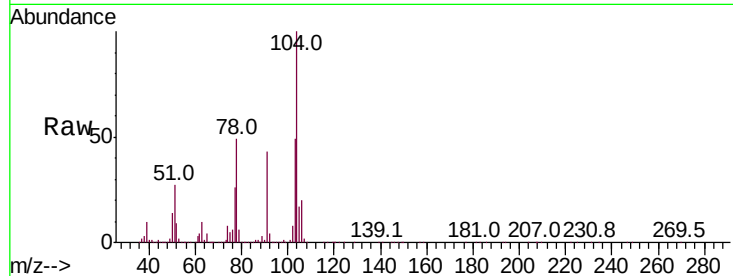




#69
Stvrene
Concen: 19.485 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. 0.00 min
Lab File: VX018261.D
Acq: 04 Sep 2020 15:36

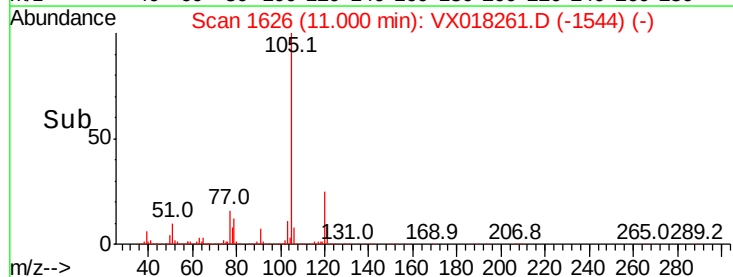
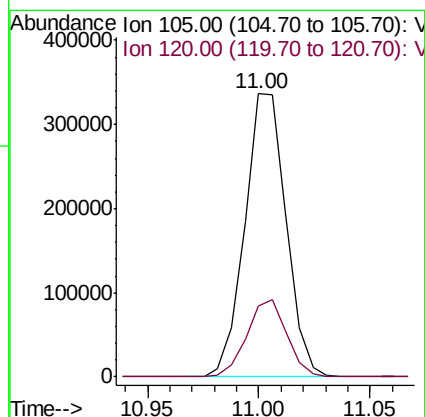
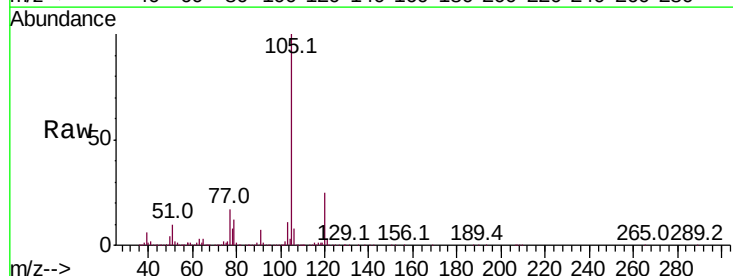
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

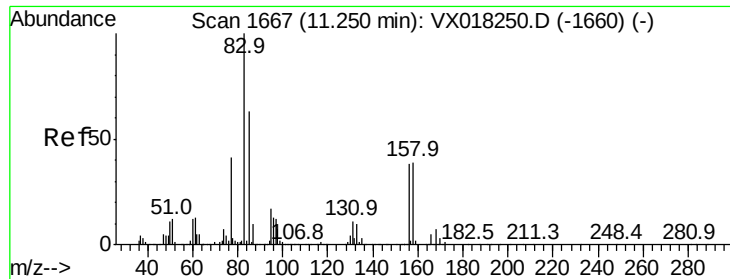
Tot Ion	Ratio	Lower	Upper
104	100		
78	53.2	41.7	62.5
103	54.0	44.2	66.2



#70
Isopropylbenzene
Concen: 19.323 ug/l
RT: 11.00 min Scan# 1626
Delta R.T. 0.00 min
Lab File: VX018261.D
Acq: 04 Sep 2020 15:36

Tgt Ion	Ratio	Lower	Upper
105	100		
120	26.3	18.7	34.7

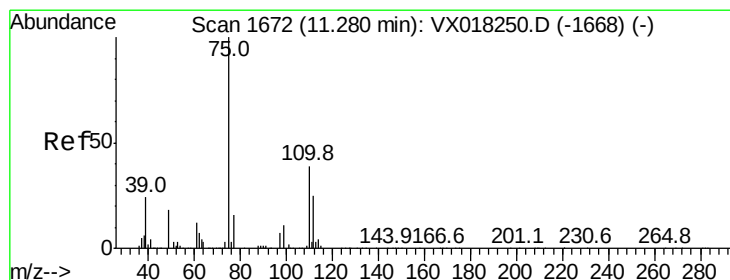
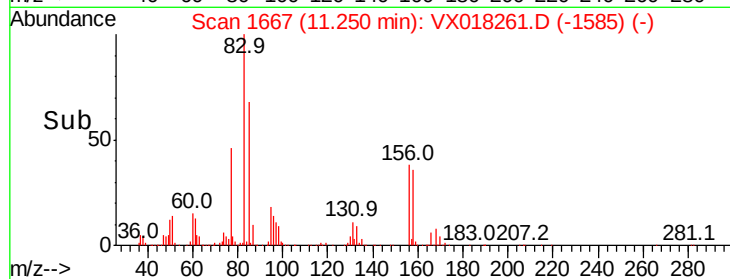
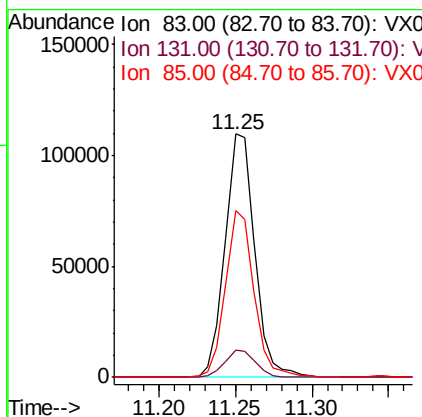
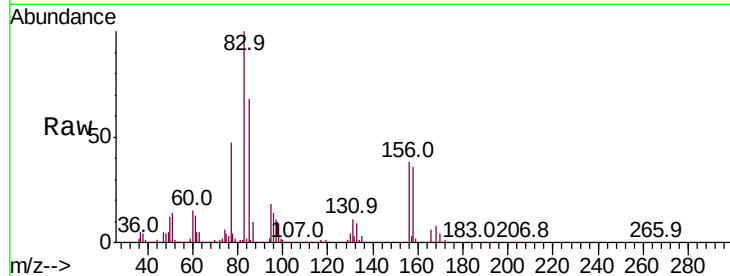




#71
 1,1,2,2-Tetrachloroethane
 Concen: 19.985 ug/l
 RT: 11.25 min Scan# 1667
 Delta R.T. 0.00 min
 Lab File: VX018261.D
 Acq: 04 Sep 2020 15:36

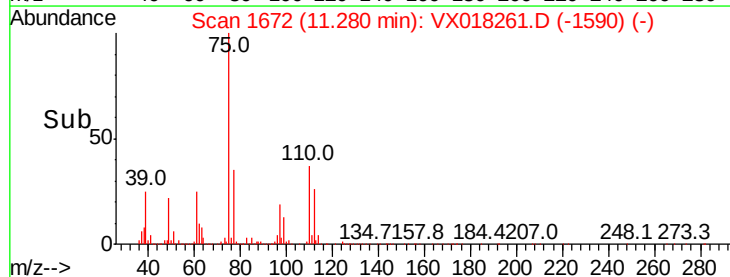
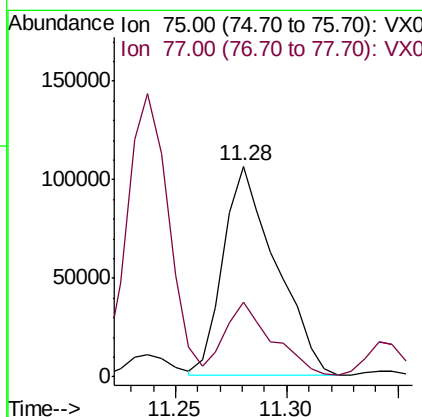
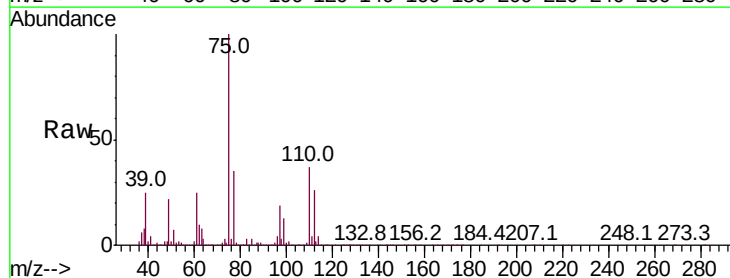
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

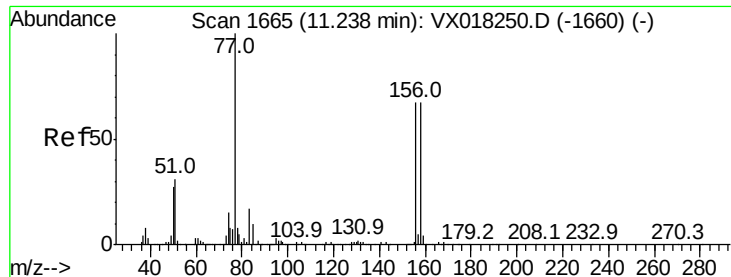
Tot Ion	83	Resp	147749
Ion Ratio	100		
Lower	5.8		
Upper	17.3		
85	66.2	31.3	93.9



#72
 1,2,3-Trichloropropane
 Concen: 24.489 ug/l
 RT: 11.28 min Scan# 1672
 Delta R.T. 0.00 min
 Lab File: VX018261.D
 Acq: 04 Sep 2020 15:36

Tgt Ion	75	Resp	173946
Ion Ratio	100		
Lower	0.0		
Upper	74.8		
77	32.9		





#73

Bromobenzene

Concen: 19.031 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. 0.00 min

Lab File: VX018261.D

Acq: 04 Sep 2020 15:36

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

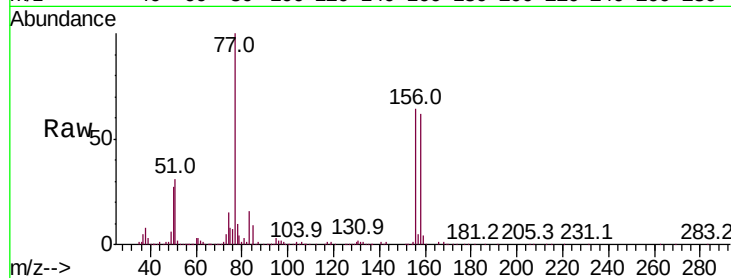
Tot Ion:156 Resp: 117951

Ion Ratio Lower Upper

156 100

77 158.5 0.0 311.0

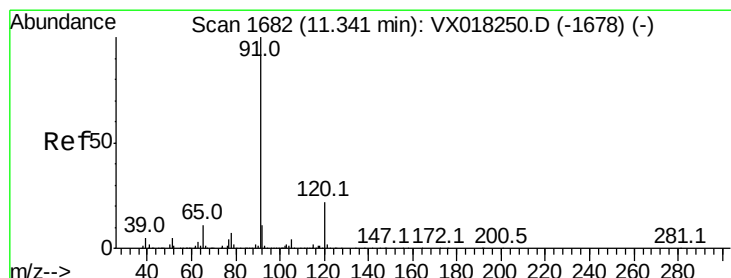
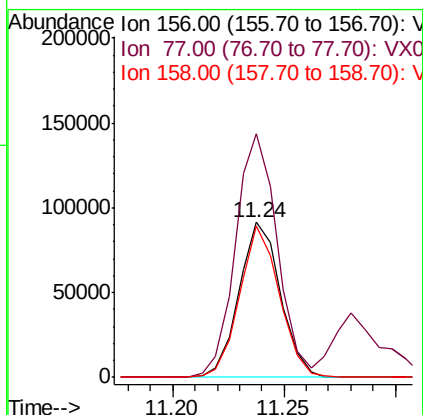
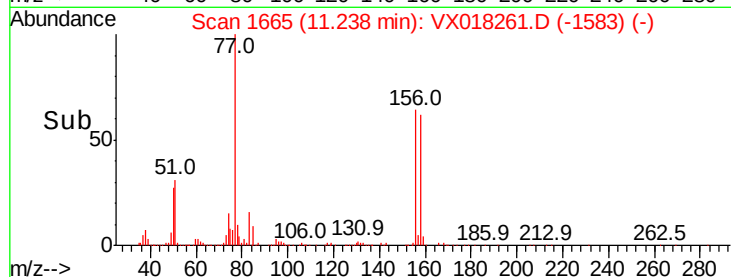
158 94.3 0.0 194.4



Abundance Ion 156.00 (155.70 to 156.70): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 158.00 (157.70 to 158.70): V



#74

n-propylbenzene

Concen: 18.957 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. 0.00 min

Lab File: VX018261.D

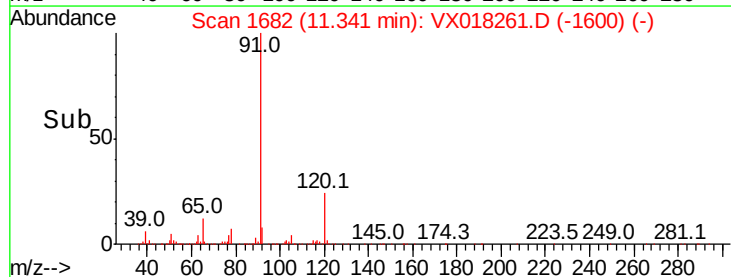
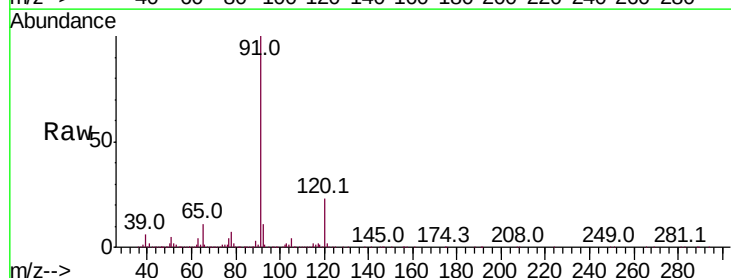
Acq: 04 Sep 2020 15:36

Tgt Ion: 91 Resp: 504970

Ion Ratio Lower Upper

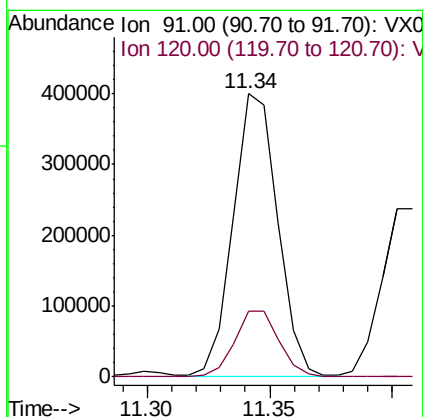
91 100

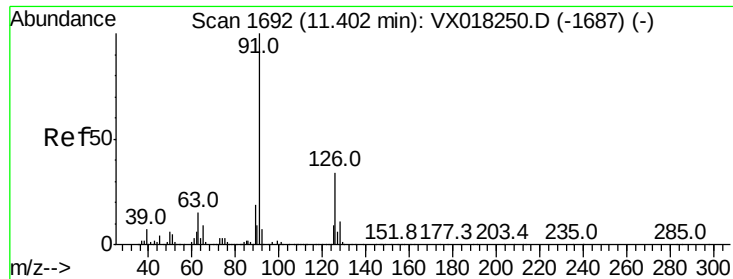
120 23.3 0.0 45.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#75

2-Chlorotoluene

Concen: 19.204 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. 0.00 min

Lab File: VX018261.D

Acq: 04 Sep 2020 15:36

Instrument :

MSVOA_X

ClientSampleId :

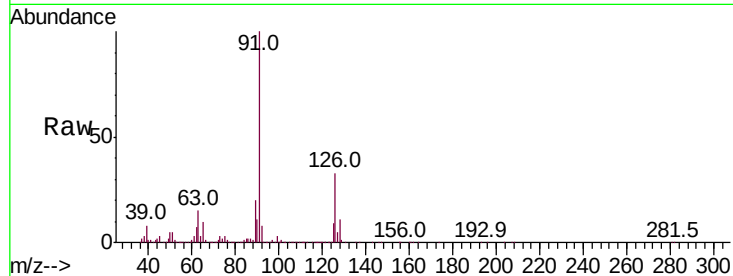
VSTDCCC020EC

Tot Ion: 91 Resp: 310049

Ion Ratio Lower Upper

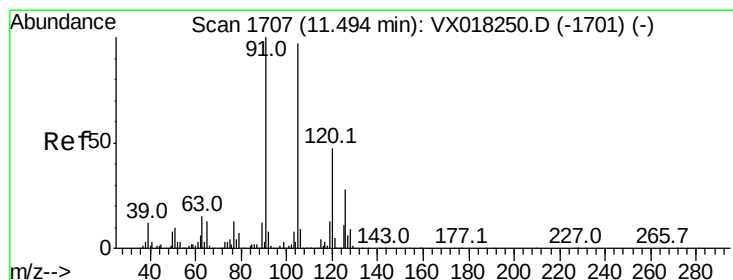
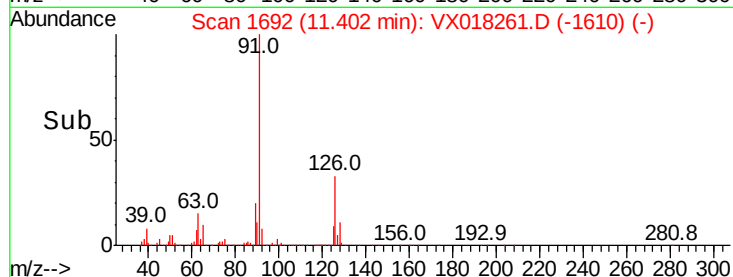
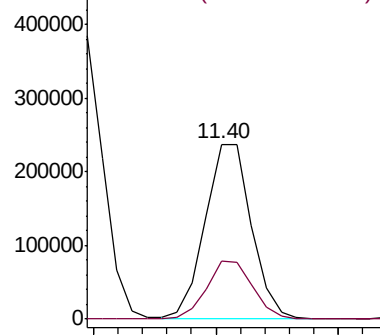
91 100

126 33.1 0.0 68.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 126.00 (125.70 to 126.70): V



#76

1,3,5-Trimethylbenzene

Concen: 19.504 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. 0.00 min

Lab File: VX018261.D

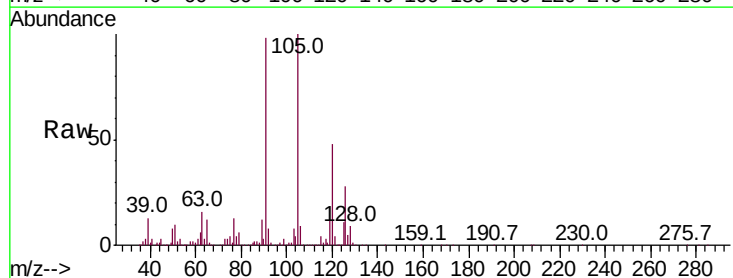
Acq: 04 Sep 2020 15:36

Tgt Ion: 105 Resp: 384397

Ion Ratio Lower Upper

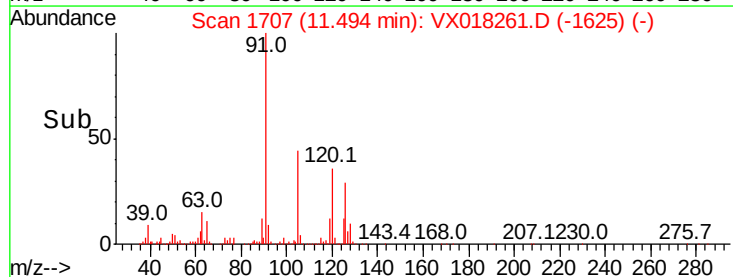
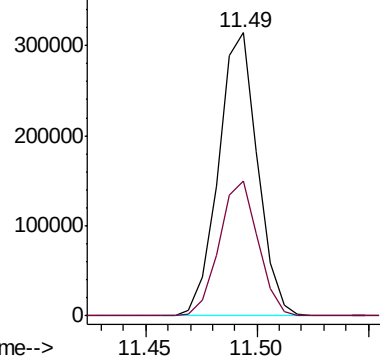
105 100

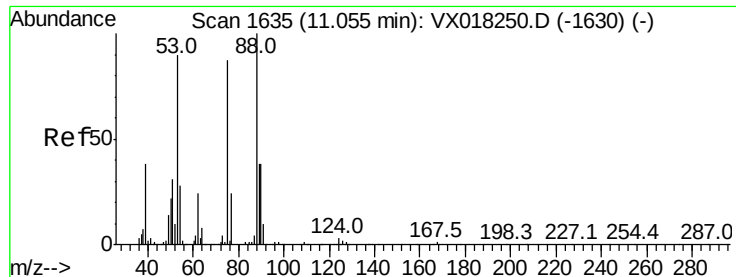
120 47.5 0.0 95.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

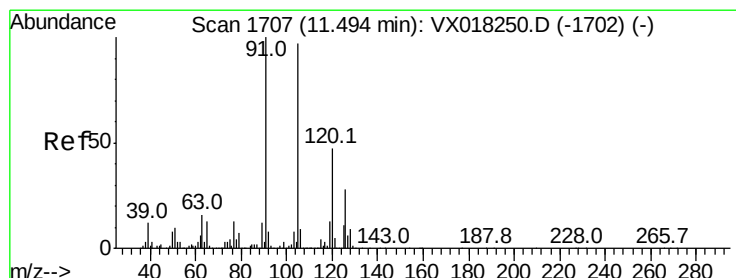
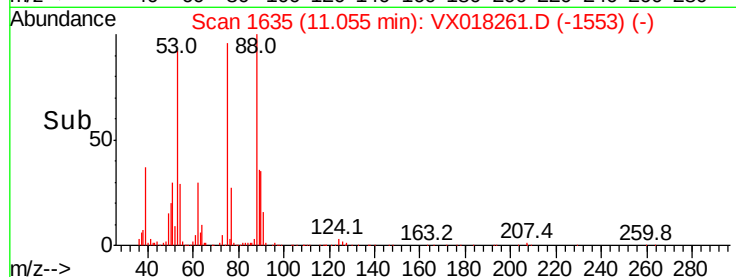
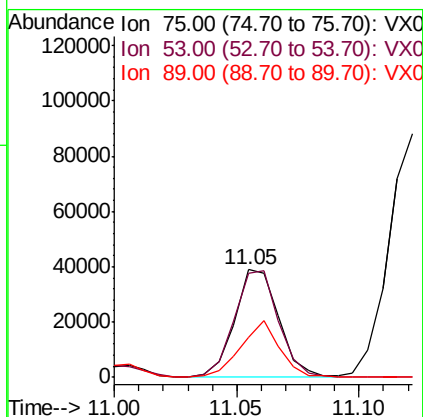
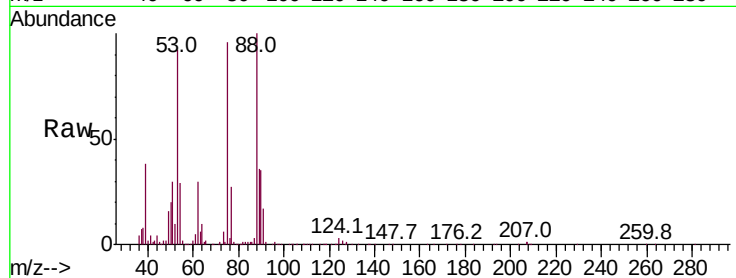




#77
t-1,4-Dichloro-2-butene
Concen: 17.579 ug/l
RT: 11.05 min Scan# 1635
Delta R.T. 0.00 min
Lab File: VX018261.D
Acq: 04 Sep 2020 15:36

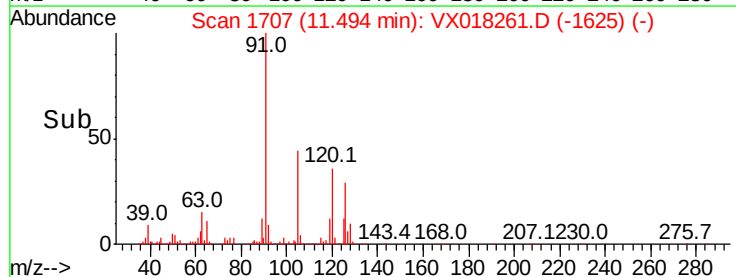
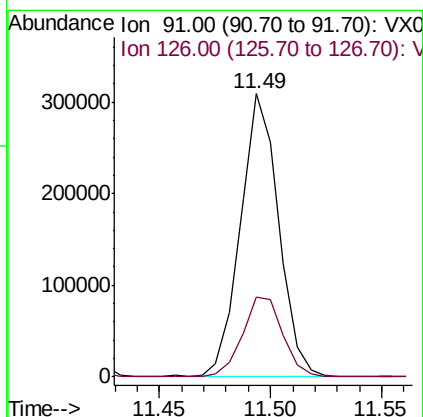
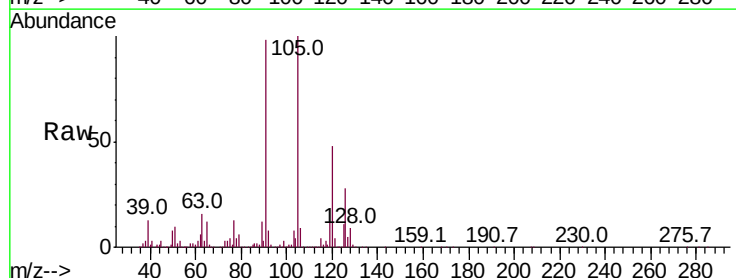
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

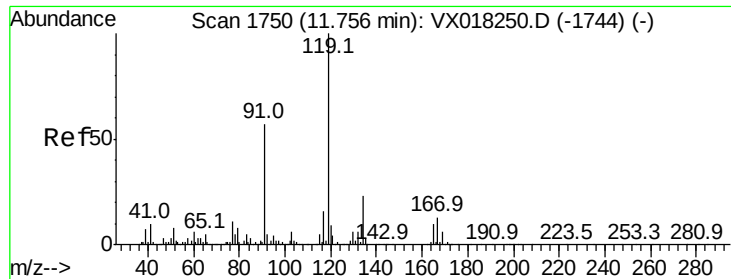
Tot Ion: 75 Resp: 48523
Ion Ratio Lower Upper
75 100
53 96.2 52.1 156.4
89 37.1 22.1 66.3



#78
4-Chlorotoluene
Concen: 19.040 ug/l
RT: 11.49 min Scan# 1707
Delta R.T. 0.00 min
Lab File: VX018261.D
Acq: 04 Sep 2020 15:36

Tgt Ion: 91 Resp: 366698
Ion Ratio Lower Upper
91 100
126 29.5 0.0 59.2

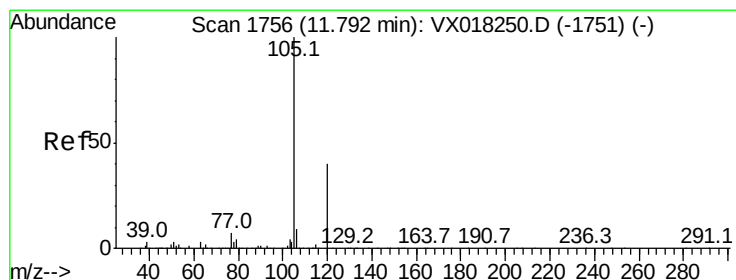
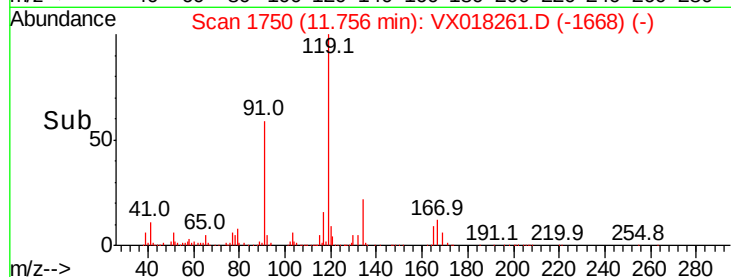
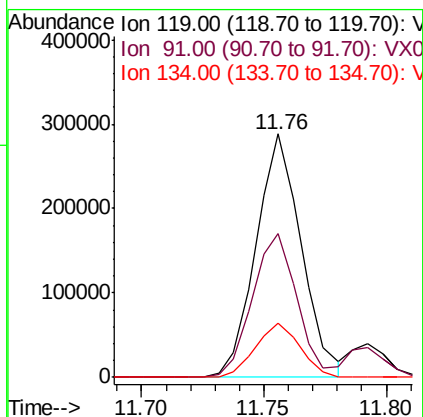
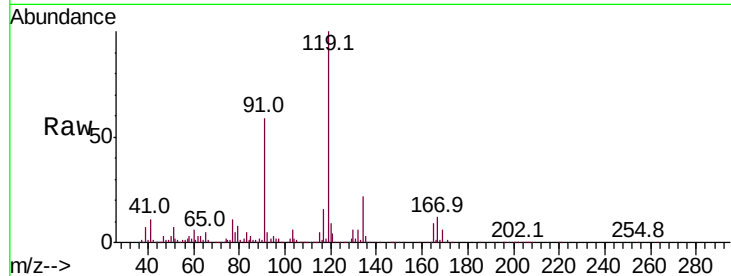




#79
tert-butylbenzene
Concen: 19.543 ug/l
RT: 11.76 min Scan# 1750
Delta R.T. 0.00 min
Lab File: VX018261.D
Acq: 04 Sep 2020 15:36

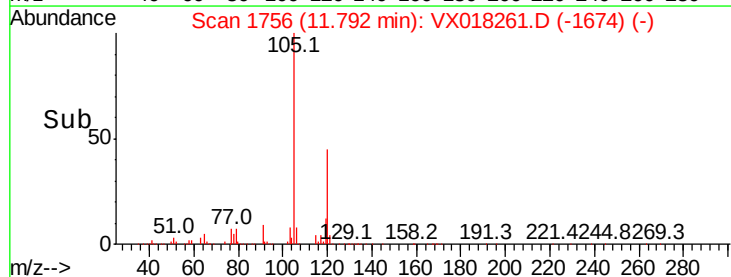
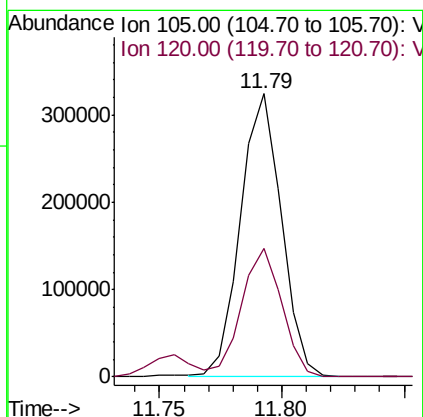
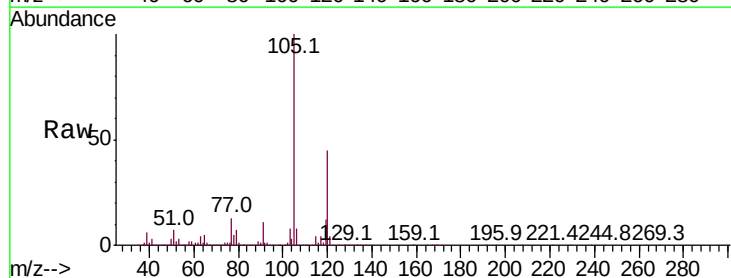
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

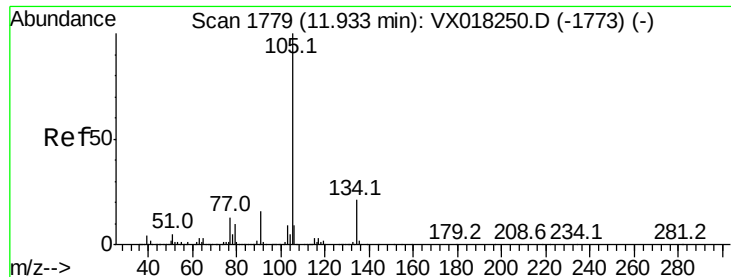
Tot Ion	Ratio	Lower	Upper
119	100		
91	57.2	0.0	111.8
134	22.0	0.0	42.4



#80
1,2,4-Trimethylbenzene
Concen: 19.452 ug/l
RT: 11.79 min Scan# 1756
Delta R.T. 0.00 min
Lab File: VX018261.D
Acq: 04 Sep 2020 15:36

Tgt Ion	Ratio	Lower	Upper
105	100		
120	44.9	0.0	89.2

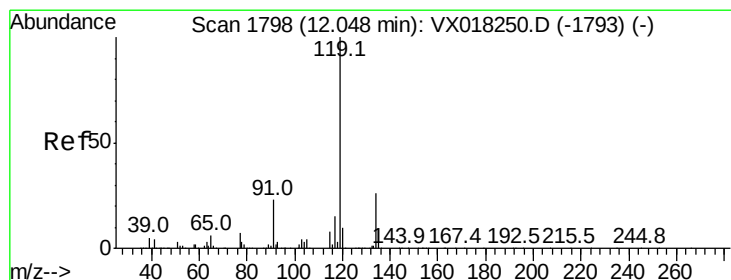
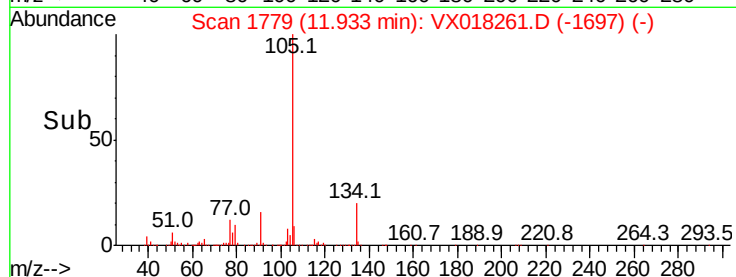
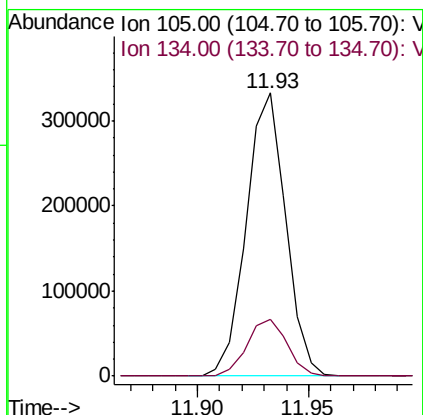
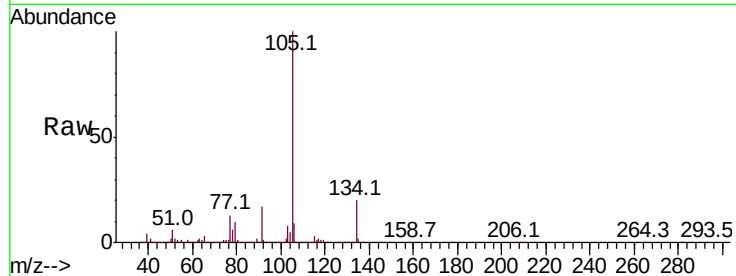




#81
 sec-Butylbenzene
 Concen: 18.510 ug/l
 RT: 11.93 min Scan# 1779
 Delta R.T. 0.00 min
 Lab File: VX018261.D
 Acq: 04 Sep 2020 15:36

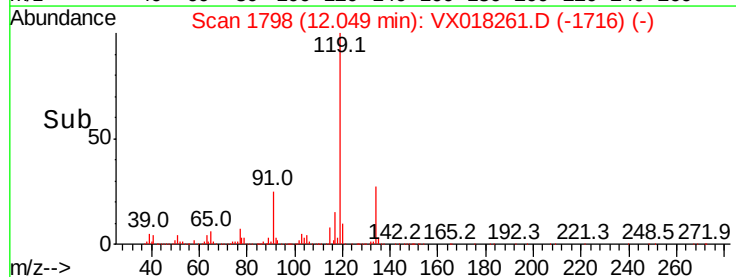
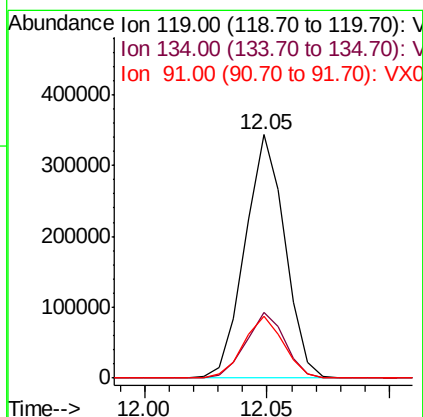
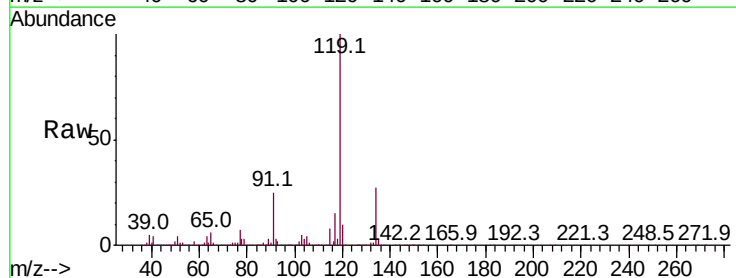
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

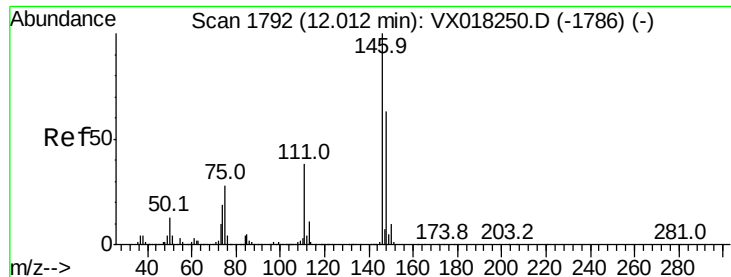
Tot Ion:105 Resp: 410479
 Ion Ratio Lower Upper
 105 100
 134 20.5 0.0 40.0



#82
 p-Isopropyltoluene
 Concen: 18.741 ug/l
 RT: 12.05 min Scan# 1798
 Delta R.T. 0.00 min
 Lab File: VX018261.D
 Acq: 04 Sep 2020 15:36

Tgt Ion:119 Resp: 387487
 Ion Ratio Lower Upper
 119 100
 134 27.0 0.0 53.0
 91 25.6 0.0 49.8

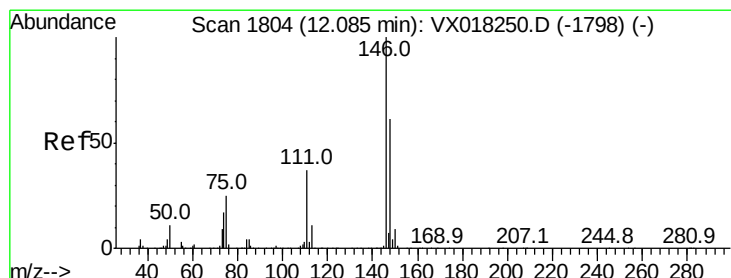
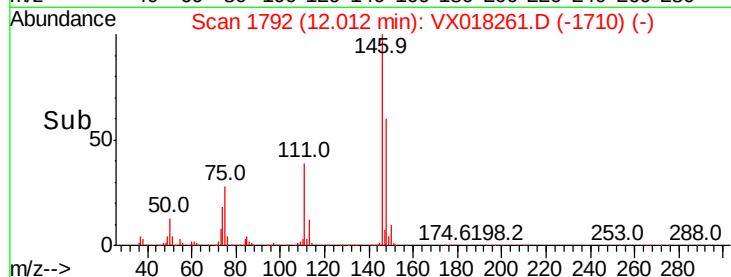
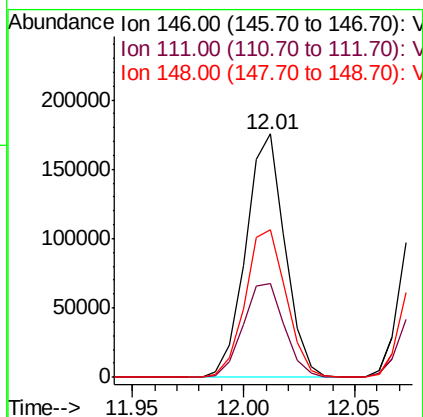
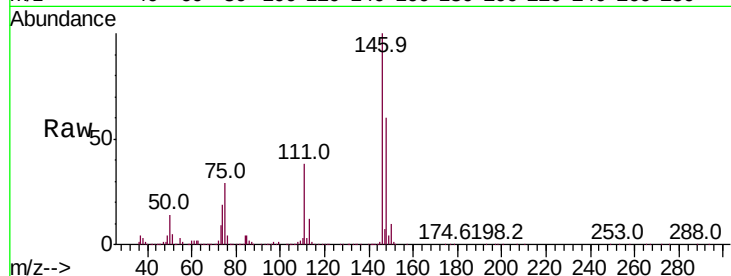




#83
 1,3-Dichlorobenzene
 Concen: 19.428 ug/l
 RT: 12.01 min Scan# 1792
 Delta R.T. 0.00 min
 Lab File: VX018261.D
 Acq: 04 Sep 2020 15:36

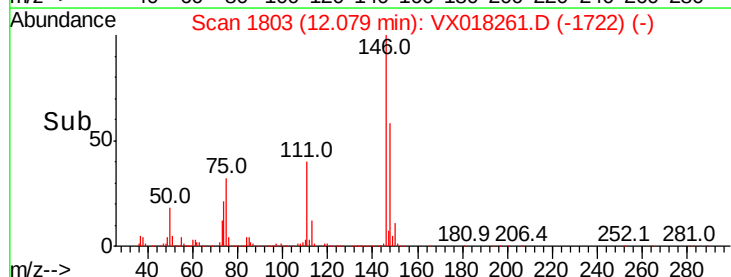
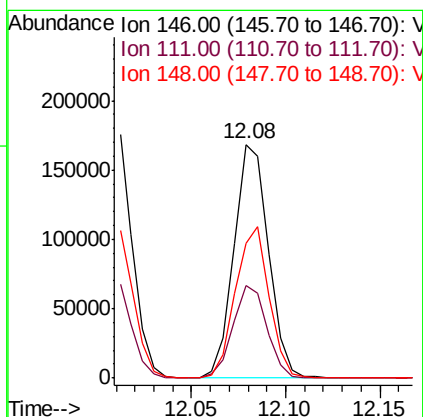
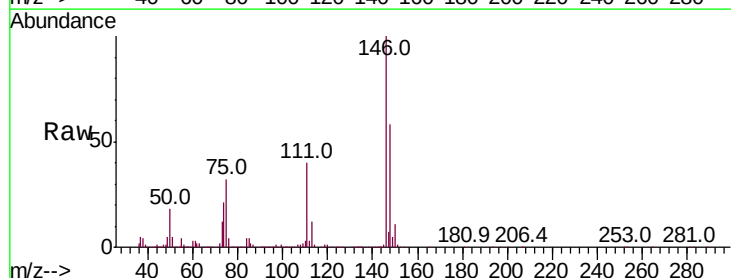
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

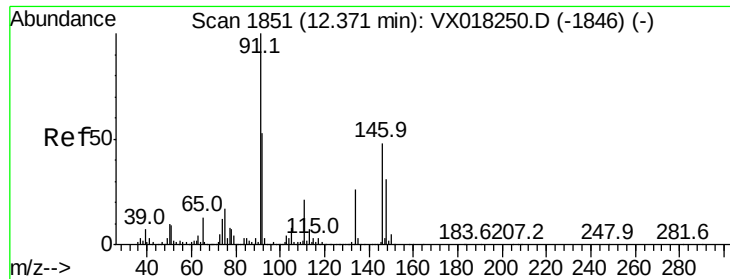
Tot Ion	Ratio	Lower	Upper
146	100		
111	40.6	20.0	59.9
148	63.6	32.1	96.3



#84
 1,4-Dichlorobenzene
 Concen: 19.314 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. -0.01 min
 Lab File: VX018261.D
 Acq: 04 Sep 2020 15:36

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.0	19.3	57.8
148	63.4	31.7	95.1

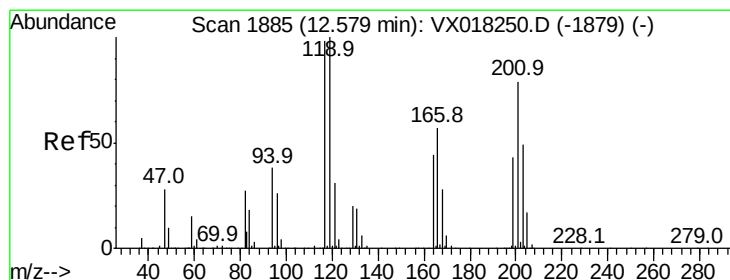
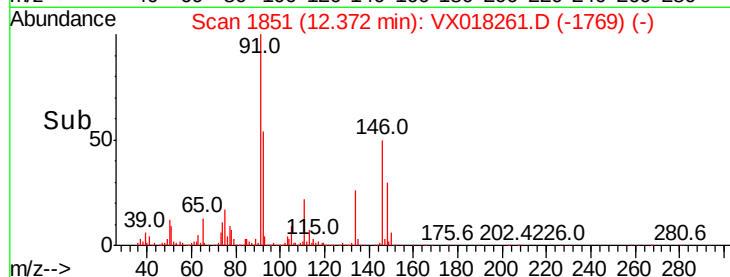
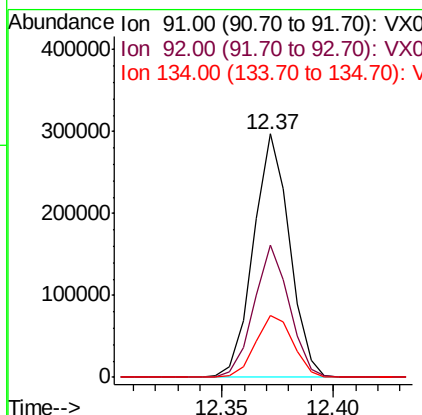
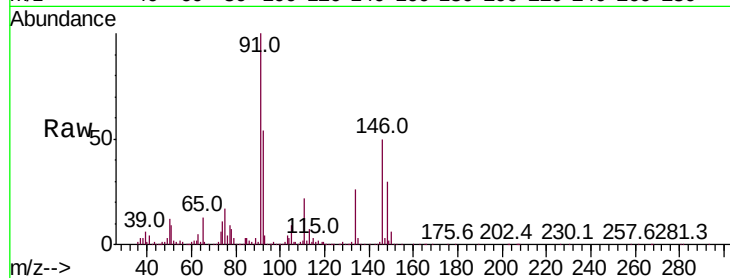




#85
n-Butylbenzene
Concen: 18.468 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. 0.00 min
Lab File: VX018261.D
Acq: 04 Sep 2020 15:36

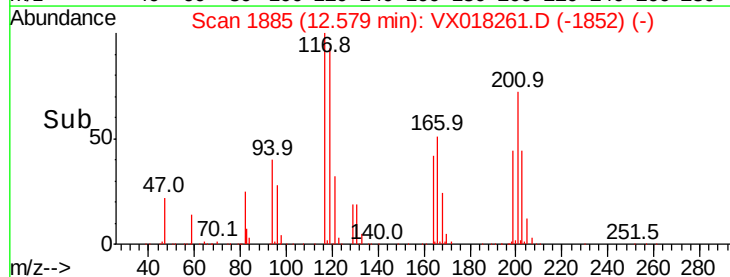
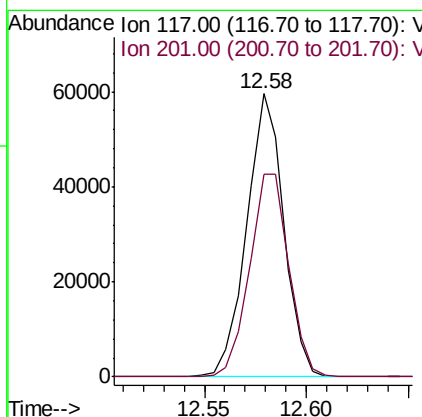
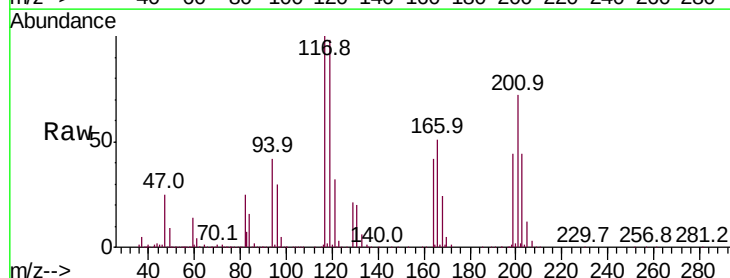
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

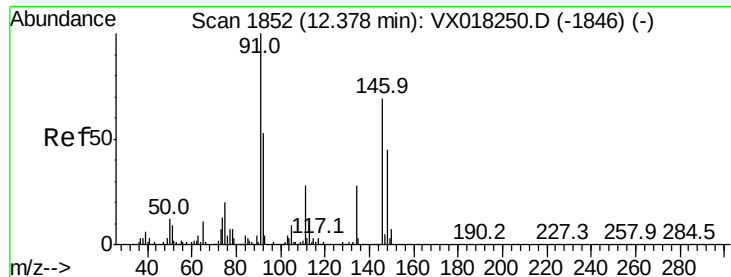
Tot Ion: 91 Resp: 336187
Ion Ratio Lower Upper
91 100
92 52.9 0.0 105.0
134 26.6 0.0 51.0



#86
Hexachloroethane
Concen: 18.478 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. 0.00 min
Lab File: VX018261.D
Acq: 04 Sep 2020 15:36

Tgt Ion: 117 Resp: 75222
Ion Ratio Lower Upper
117 100
201 76.3 39.6 118.8

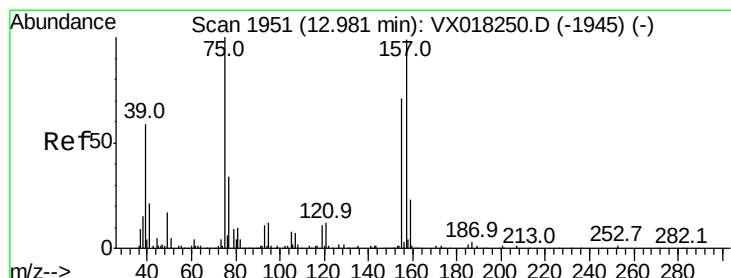
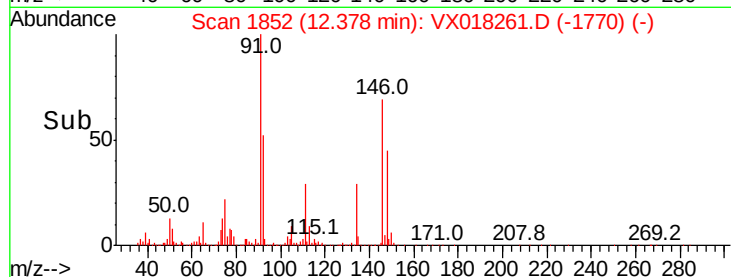
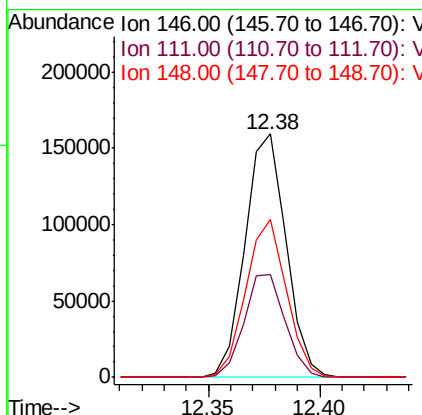
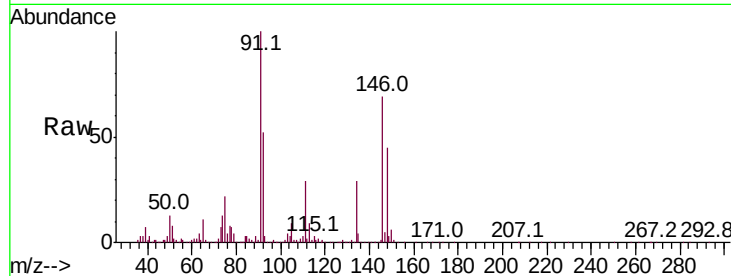




#87
 1,2-Dichlorobenzene
 Concen: 19.754 ug/l
 RT: 12.38 min Scan# 1852
 Delta R.T. 0.00 min
 Lab File: VX018261.D
 Acq: 04 Sep 2020 15:36

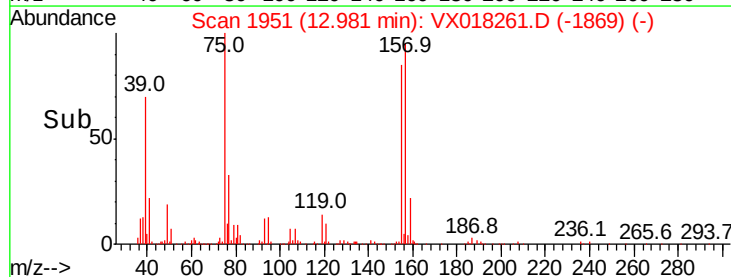
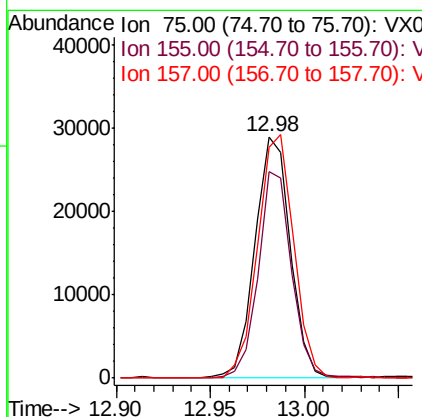
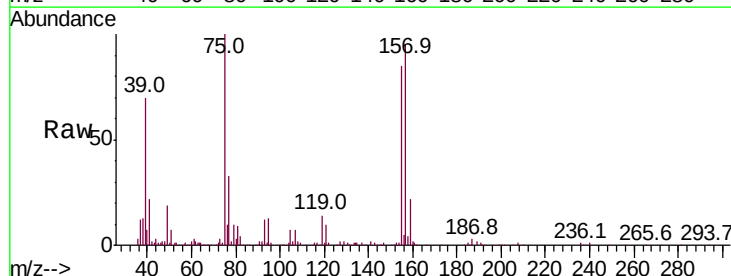
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

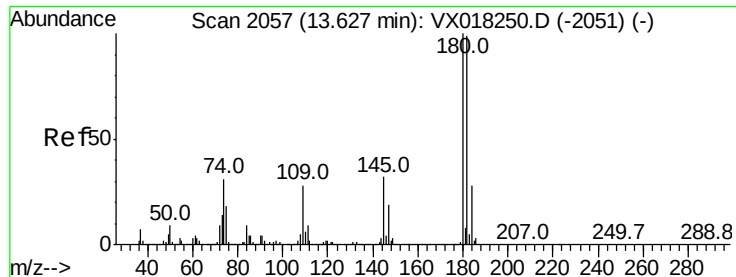
Tot Ion:146 Resp: 204977
 Ion Ratio Lower Upper
 146 100
 111 42.8 21.4 64.3
 148 64.3 32.0 96.2



#88
 1,2-Dibromo-3-Chloropropane
 Concen: 19.882 ug/l
 RT: 12.98 min Scan# 1951
 Delta R.T. 0.00 min
 Lab File: VX018261.D
 Acq: 04 Sep 2020 15:36

Tgt Ion: 75 Resp: 37602
 Ion Ratio Lower Upper
 75 100
 155 81.1 63.4 95.2
 157 102.9 87.0 130.6

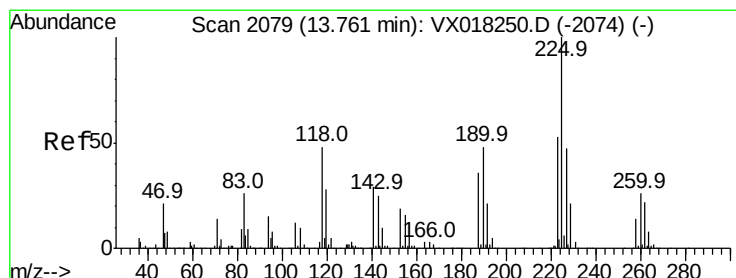
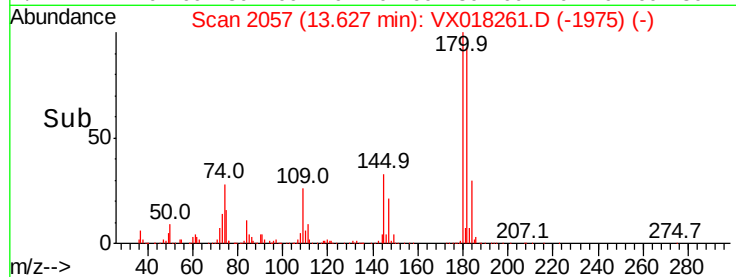
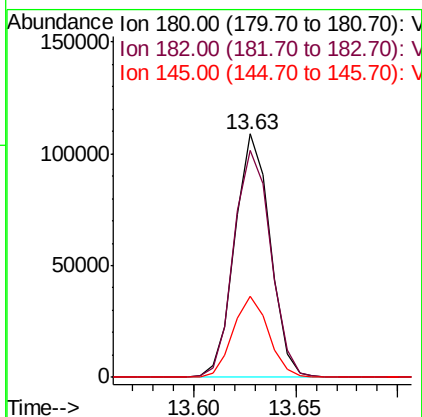
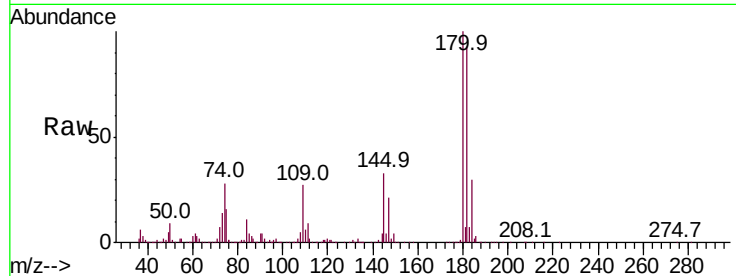




#89
 1,2,4-Trichlorobenzene
 Concen: 18.649 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. 0.00 min
 Lab File: VX018261.D
 Acq: 04 Sep 2020 15:36

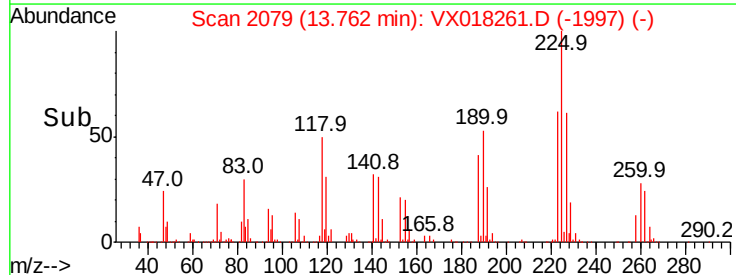
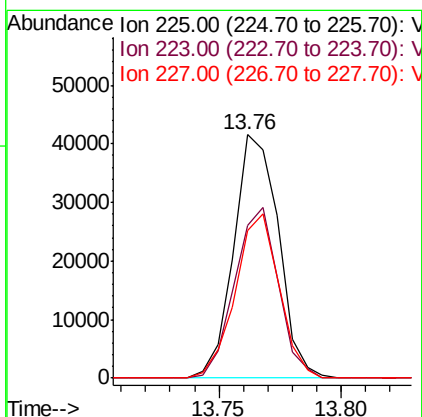
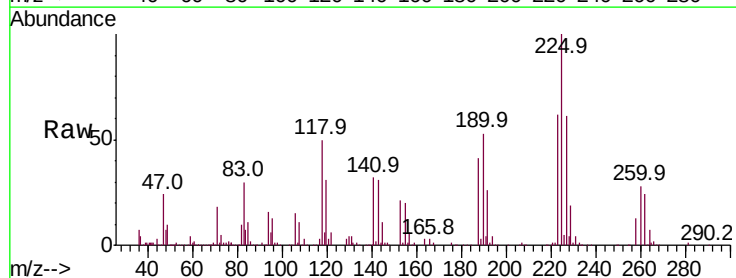
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

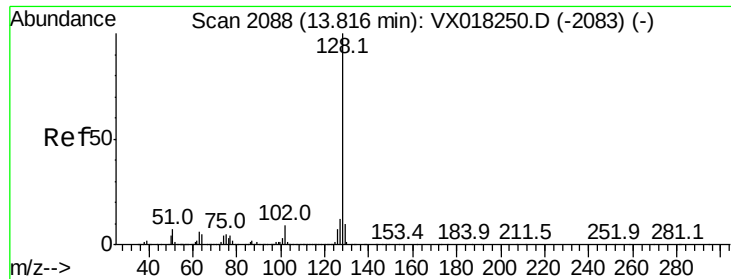
Tot Ion	Ratio	Lower	Upper
180	100		
182	97.5	77.1	115.7
145	33.3	25.0	37.6



#90
 Hexachlorobutadiene
 Concen: 17.724 ug/l
 RT: 13.76 min Scan# 2079
 Delta R.T. 0.00 min
 Lab File: VX018261.D
 Acq: 04 Sep 2020 15:36

Tgt Ion	Ratio	Lower	Upper
225	100		
223	68.6	0.0	115.8
227	66.4	0.0	117.0

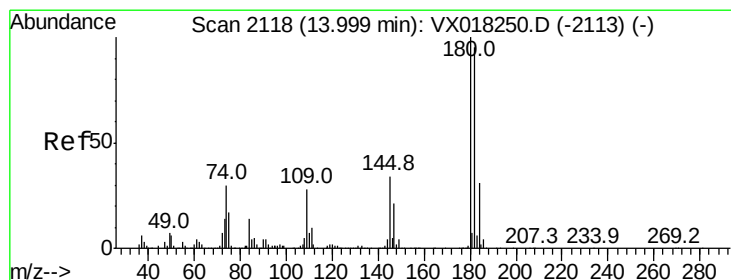
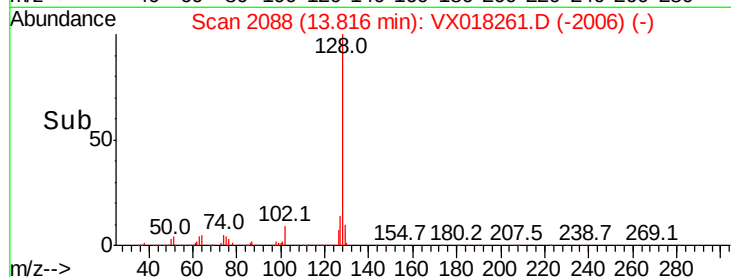
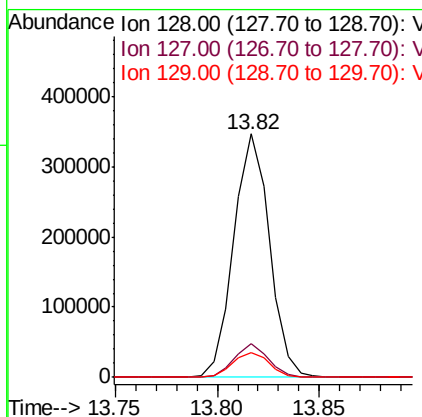
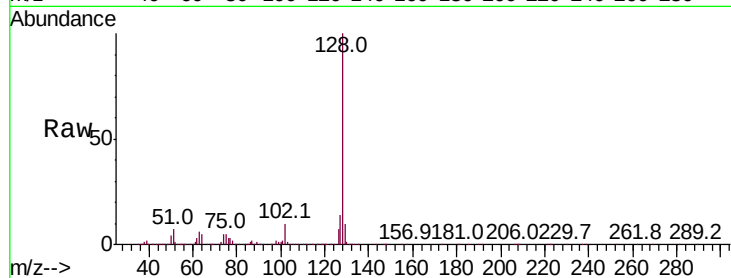




#91
Naphthalene
Concen: 19.170 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. 0.00 min
Lab File: VX018261.D
Acq: 04 Sep 2020 15:36

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.2	10.2	15.4
129	10.5	8.7	13.1



#92
1,2,3-Trichlorobenzene
Concen: 19.377 ug/l
RT: 14.00 min Scan# 2118
Delta R.T. 0.00 min
Lab File: VX018261.D
Acq: 04 Sep 2020 15:36

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.1	0.0	191.6
145	31.7	0.0	67.4

