

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX082720\
 Data File : VX018105.D
 Acq On : 27 Aug 2020 20:31
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Aug 28 03:05:44 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082120W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 21 03:03:56 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	687972	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	1149212	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	1115610	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	511241	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	502401	52.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.20%	
35) Dibromofluoromethane	5.47	113	399433	51.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.06%	
50) Toluene-d8	8.70	98	1487197	51.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.04%	
62) 4-Bromofluorobenzene	11.12	95	573737	50.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.04%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	415531	49.609	ug/l	99
3) Chloromethane	1.31	50	435978	49.370	ug/l	98
4) Vinyl Chloride	1.39	62	431416	49.076	ug/l	100
5) Bromomethane	1.62	94	214845	50.670	ug/l	97
6) Chloroethane	1.70	64	237336	50.267	ug/l	96
7) Trichlorofluoromethane	1.91	101	589976	49.219	ug/l	97
8) Diethyl Ether	2.17	74	201720	49.623	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.36	101	291007	44.906	ug/l	97
10) Methyl Iodide	2.49	142	369379	52.929	ug/l	98
11) Tert butyl alcohol	3.03	59	477649	257.212	ug/l	98
12) 1,1-Dichloroethene	2.35	96	297382	44.232	ug/l	96
13) Acrolein	2.28	56	178198	231.425	ug/l	98
14) Allyl chloride	2.71	41	638133	52.830	ug/l	99
15) Acrylonitrile	3.12	53	1134591	269.343	ug/l	100
16) Acetone	2.42	43	975192	262.037	ug/l	97
17) Carbon Disulfide	2.55	76	960911	47.279	ug/l	100
18) Methyl Acetate	2.75	43	519636	57.862	ug/l	98
19) Methyl tert-butyl Ether	3.17	73	1194506	51.806	ug/l	96
20) Methylene Chloride	2.83	84	404323	53.209	ug/l	99
21) trans-1,2-Dichloroethene	3.14	96	363558	48.808	ug/l	98
22) Diisopropyl ether	3.83	45	1257695	52.755	ug/l	99
23) Vinyl Acetate	3.79	43	5694485	268.438	ug/l	100
24) 1,1-Dichloroethane	3.67	63	695956	51.282	ug/l	99
25) 2-Butanone	4.64	43	1638639	267.915	ug/l	100
26) 2,2-Dichloropropane	4.55	77	476807	43.181	ug/l	98
27) cis-1,2-Dichloroethene	4.57	96	432511	50.396	ug/l	97
28) Bromochloromethane	4.98	49	340408	51.965	ug/l	99
29) Tetrahydrofuran	5.09	42	1060295	272.324	ug/l	100
30) Chloroform	5.18	83	710623	50.570	ug/l	97
31) Cyclohexane	5.55	56	574448	50.251	ug/l	99
32) 1,1,1-Trichloroethane	5.46	97	643905	49.932	ug/l	99
36) 1,1-Dichloropropene	5.77	75	524977	49.527	ug/l	99
37) Ethyl Acetate	4.80	43	627507	50.971	ug/l	99
38) Carbon Tetrachloride	5.76	117	578384	48.419	ug/l	99

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Quant Time: Aug 28 03:05:44 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082120W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 21 03:03:56 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	530197	45.744	ug/l	97
40) Benzene	6.12	78	1550659	49.787	ug/l	99
41) Methacrylonitrile	5.01	41	350131	51.798	ug/l	99
42) 1,2-Dichloroethane	6.17	62	598867	50.185	ug/l	98
43) Isopropyl Acetate	6.42	43	1039239	52.264	ug/l	100
44) Trichloroethene	7.19	130	426699	48.485	ug/l	96
45) 1,2-Dichloropropane	7.49	63	420813	50.130	ug/l	98
46) Dibromomethane	7.64	93	292912	49.620	ug/l	97
47) Bromodichloromethane	7.88	83	593767	50.376	ug/l	99
48) Methyl methacrylate	7.75	41	524286	52.965	ug/l	98
49) 1,4-Dioxane	7.71	88	178900	997.740	ug/l	98
51) 4-Methyl-2-Pentanone	8.62	43	3307017	269.240	ug/l	100
52) Toluene	8.77	92	984658	49.857	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	660744	50.581	ug/l	98
54) cis-1,3-Dichloropropene	8.41	75	682978	49.354	ug/l	98
55) 1,1,2-Trichloroethane	9.20	97	421553	50.047	ug/l	97
56) Ethyl methacrylate	9.16	69	665221	53.125	ug/l	99
57) 1,3-Dichloropropane	9.35	76	705073	50.751	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	1443723	256.302	ug/l	100
59) 2-Hexanone	9.48	43	2577458	275.969	ug/l	100
60) Dibromochloromethane	9.57	129	499858	50.588	ug/l	99
61) 1,2-Dibromoethane	9.66	107	458188	50.104	ug/l	100
64) Tetrachloroethene	9.32	164	395516	48.244	ug/l	95
65) Chlorobenzene	10.12	112	1106300	49.652	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	428051	48.743	ug/l	96
67) Ethyl Benzene	10.24	91	1931686	50.980	ug/l	100
68) m/p-Xylenes	10.34	106	1435440	101.496	ug/l	100
69) o-Xylene	10.68	106	689963	50.326	ug/l	99
70) Styrene	10.69	104	1208470	51.760	ug/l	100
71) Bromoform	10.84	173	372954	49.790	ug/l	100
73) Isopropylbenzene	11.01	105	1796634	53.278	ug/l	99
74) N-amyl acetate	10.88	43	935546	58.472	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	601724	50.582	ug/l	100
76) 1,2,3-Trichloropropane	11.28	75	752346	66.153	ug/l	86
77) Bromobenzene	11.24	156	468398	50.249	ug/l	97
78) n-propylbenzene	11.35	91	2024963	52.885	ug/l	99
79) 2-Chlorotoluene	11.41	91	1243305	52.557	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	1474791	53.220	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.06	75	224184	53.240	ug/l	99
82) 4-Chlorotoluene	11.49	91	1455968	51.772	ug/l	99
83) tert-Butylbenzene	11.76	119	1366674	49.975	ug/l	97
84) 1,2,4-Trimethylbenzene	11.79	105	1486552	52.470	ug/l	100
85) sec-Butylbenzene	11.93	105	1584349	50.945	ug/l	99
86) p-Isopropyltoluene	12.05	119	1435544	50.253	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	801853	48.995	ug/l	97
88) 1,4-Dichlorobenzene	12.08	146	793062	48.397	ug/l	98
89) n-Butylbenzene	12.37	91	1246489	47.807	ug/l	100
90) Hexachloroethane	12.58	117	275586	49.034	ug/l	99
91) 1,2-Dichlorobenzene	12.38	146	761170	49.409	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.98	75	157887	53.081	ug/l	96

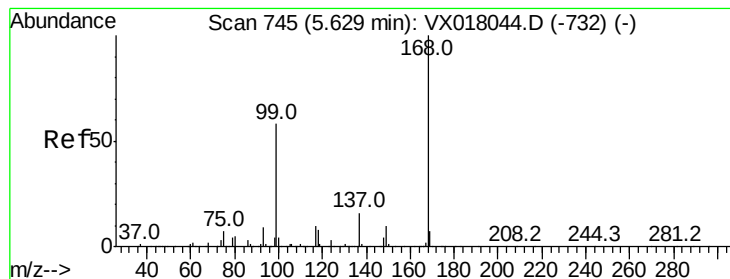
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX082720\
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Quant Time: Aug 28 03:05:44 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082120W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 21 03:03:56 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	480413	46.765	ug/l	99
94) Hexachlorobutadiene	13.77	225	152471	37.629	ug/l	96
95) Naphthalene	13.82	128	1816336	53.725	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	476178	46.911	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.00 min

Lab File: VX018105.D

Acq: 27 Aug 2020 20:31

Instrument :

MSVOA_X

ClientSampleId :

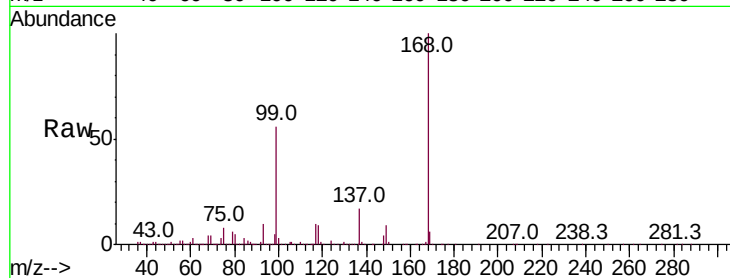
VSTDCCC050EC

Tot Ion:168 Resp: 687972

Ion Ratio Lower Upper

168 100

99 55.8 46.3 69.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.63

250000

200000

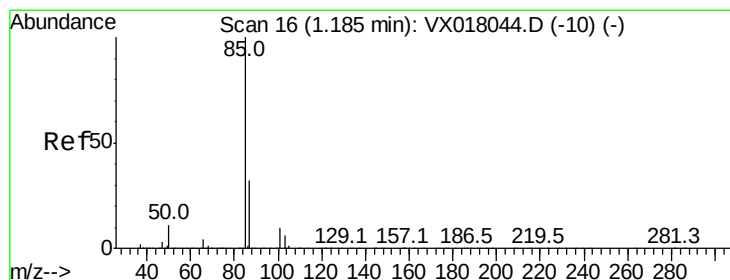
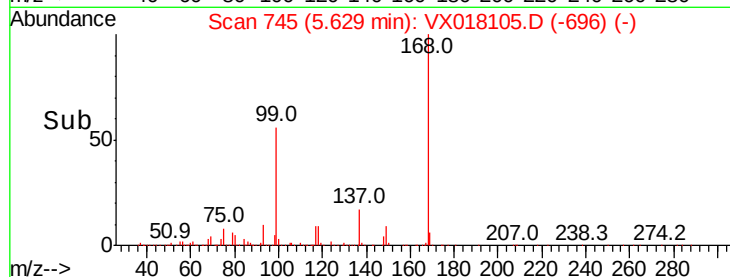
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 49.609 ug/l

RT: 1.18 min Scan# 16

Delta R.T. -0.00 min

Lab File: VX018105.D

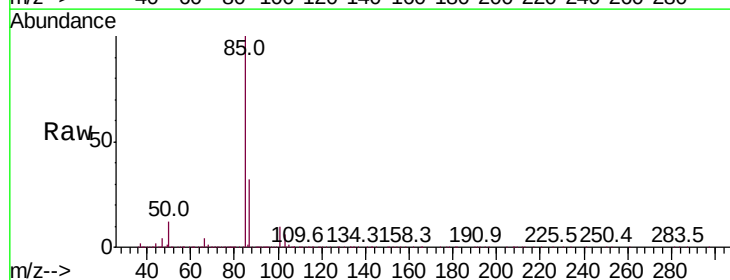
Acq: 27 Aug 2020 20:31

Tgt Ion: 85 Resp: 415531

Ion Ratio Lower Upper

85 100

87 32.4 16.1 48.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.18

500000

400000

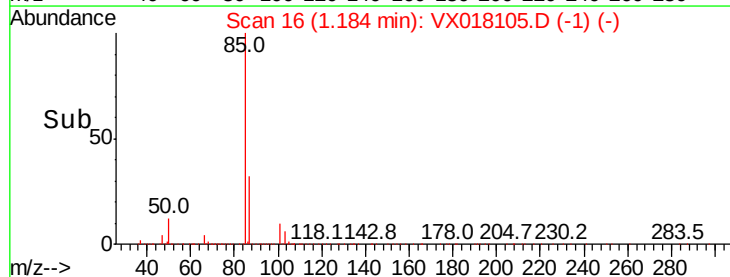
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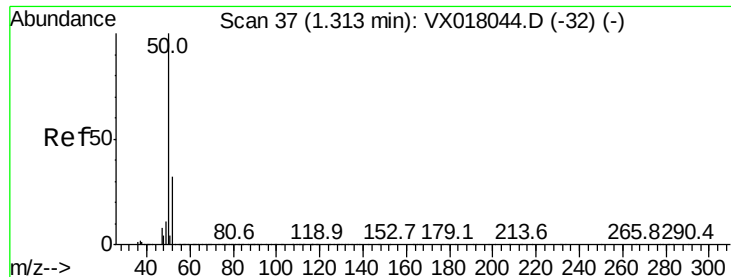
200000

100000

0

Time-->





#3

Chloromethane

Concen: 49.370 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX018105.D

Acq: 27 Aug 2020 20:31

Instrument :

MSVOA_X

ClientSampleId :

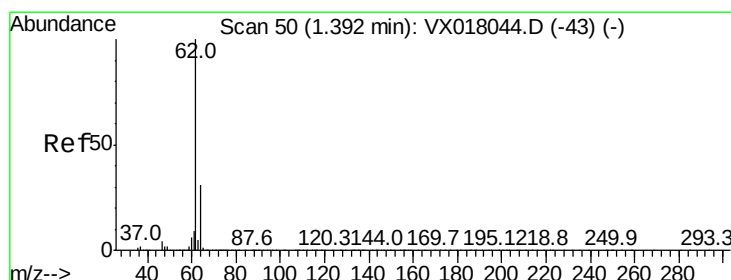
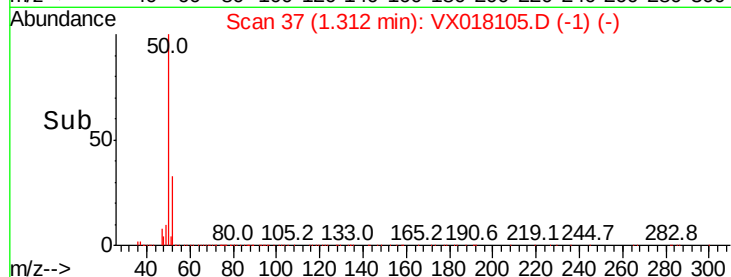
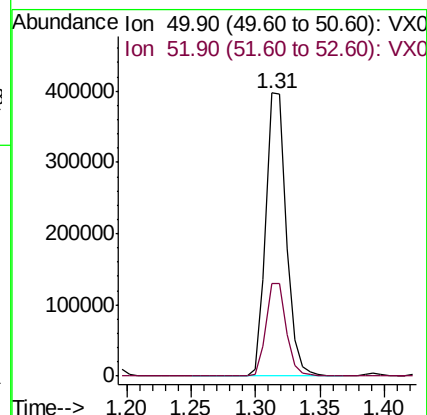
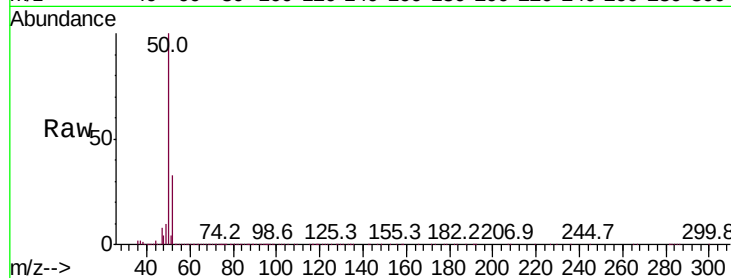
VSTDCCC050EC

Tot Ion: 50 Resp: 435978

Ion Ratio Lower Upper

50 100

52 32.8 25.4 38.2



#4

Vinyl Chloride

Concen: 49.076 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX018105.D

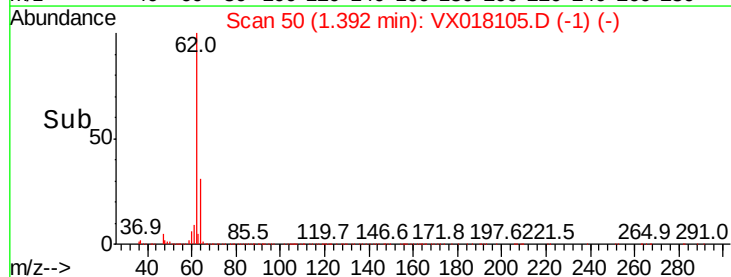
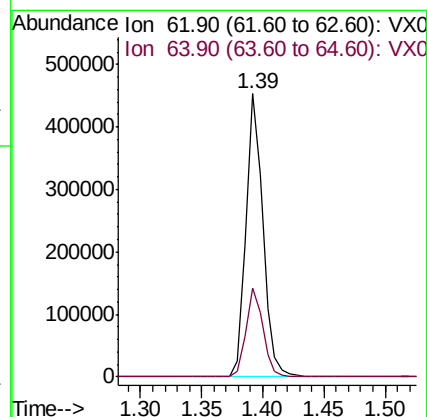
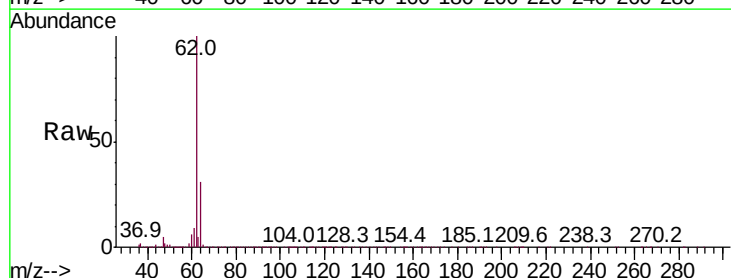
Acq: 27 Aug 2020 20:31

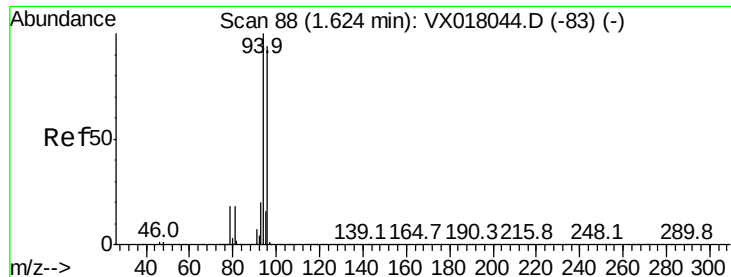
Tgt Ion: 62 Resp: 431416

Ion Ratio Lower Upper

62 100

64 31.3 25.1 37.7





#5

Bromomethane

Concen: 50.670 ug/l

RT: 1.62 min Scan# 88

Delta R.T. -0.00 min

Lab File: VX018105.D

Acq: 27 Aug 2020 20:31

Instrument :

MSVOA_X

ClientSampleId :

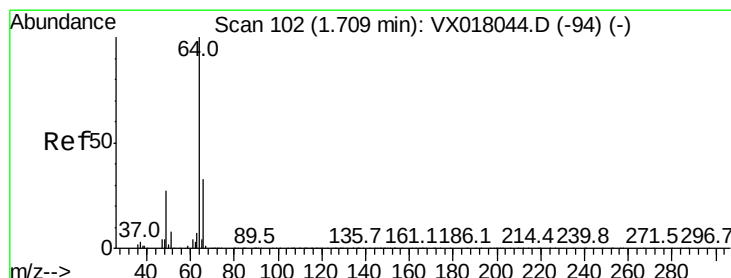
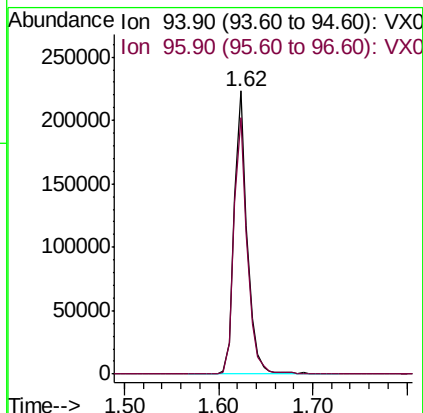
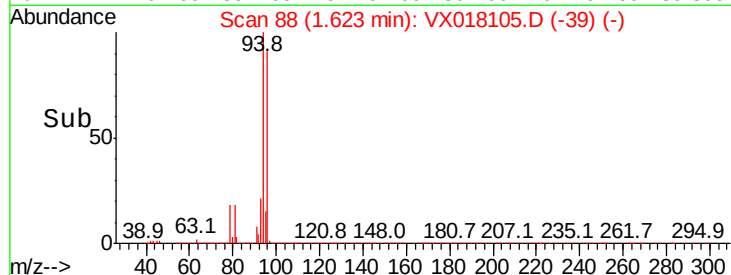
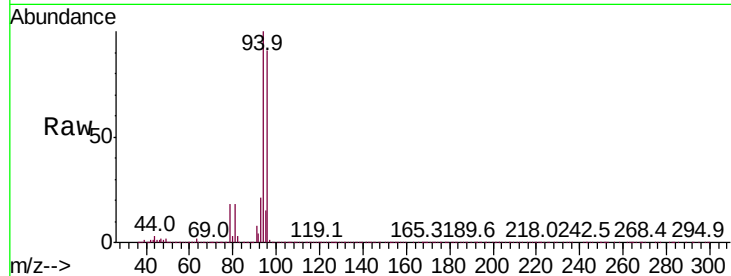
VSTDCCC050EC

Tot Ion: 94 Resp: 214845

Ion Ratio Lower Upper

94 100

96 90.7 74.8 112.2



#6

Chloroethane

Concen: 50.267 ug/l

RT: 1.70 min Scan# 101

Delta R.T. -0.01 min

Lab File: VX018105.D

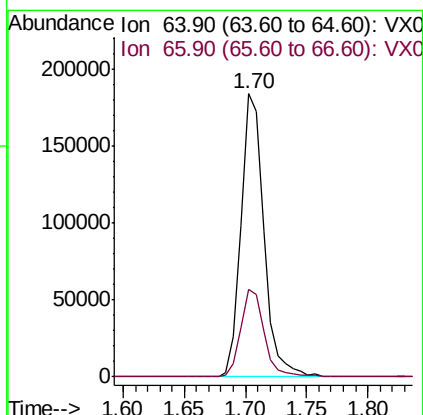
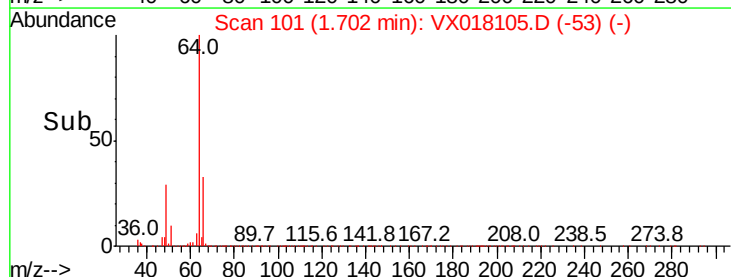
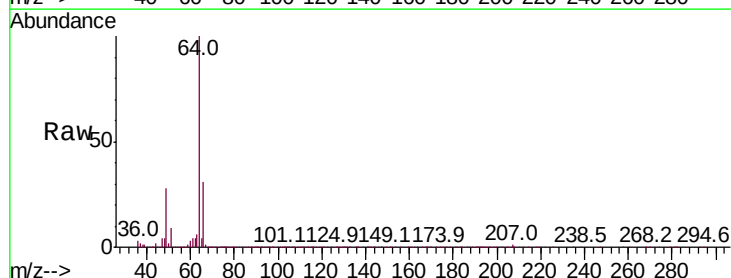
Acq: 27 Aug 2020 20:31

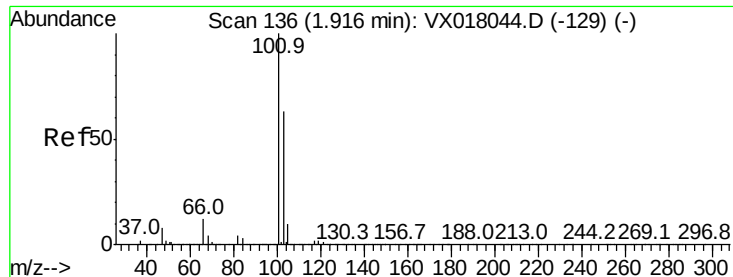
Tgt Ion: 64 Resp: 237336

Ion Ratio Lower Upper

64 100

66 31.0 26.6 39.8



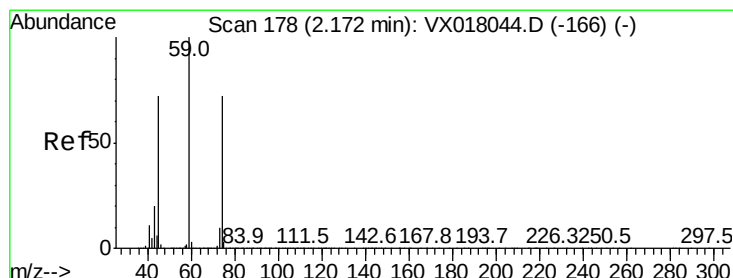
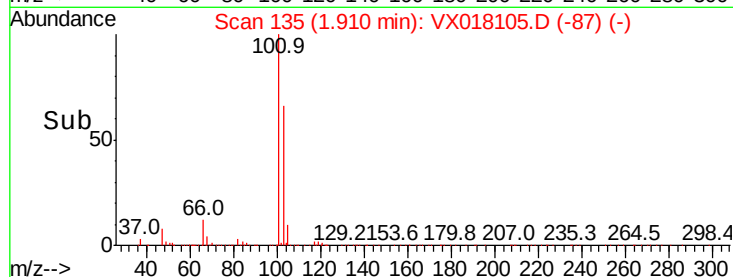
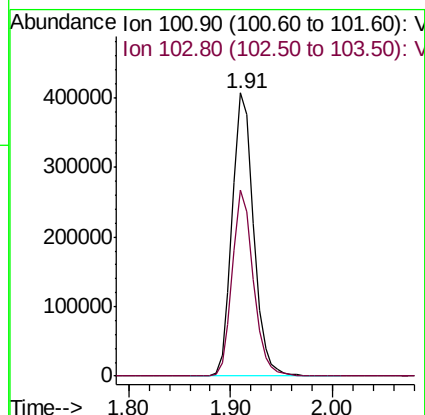
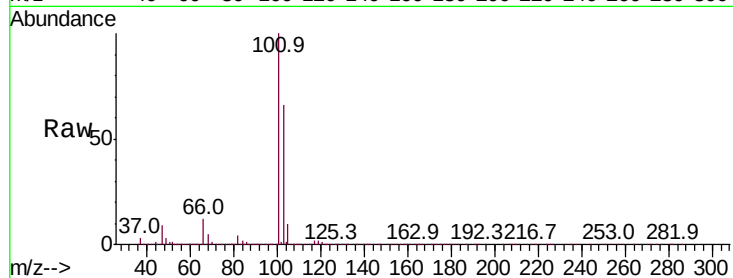


#7

Trichlorofluoromethane
Concen: 49.219 ug/l
RT: 1.91 min Scan# 135
Delta R.T. -0.01 min
Lab File: VX018105.D
Acq: 27 Aug 2020 20:31

Instrument :
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ClientSampleId :
VSTDCCC050EC

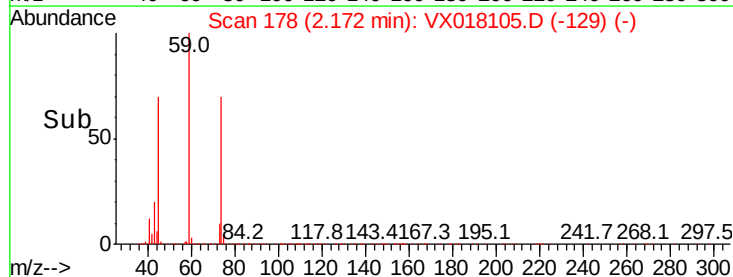
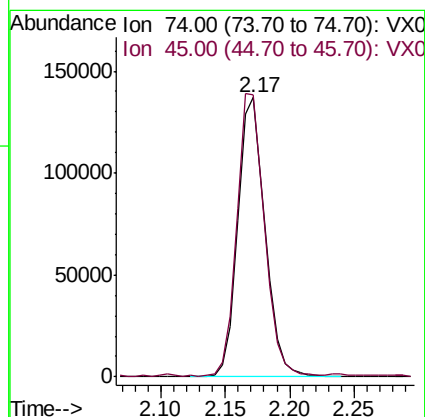
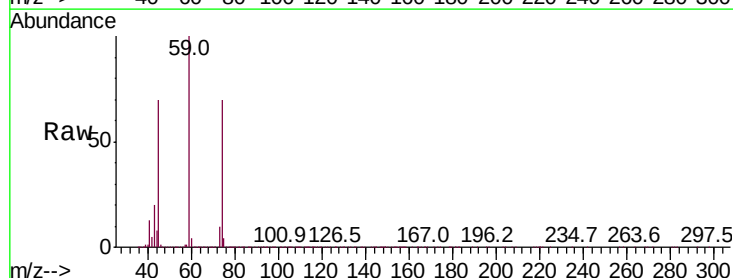
Tot Ion:101 Resp: 589976
Ion Ratio Lower Upper
101 100
103 65.7 50.7 76.1

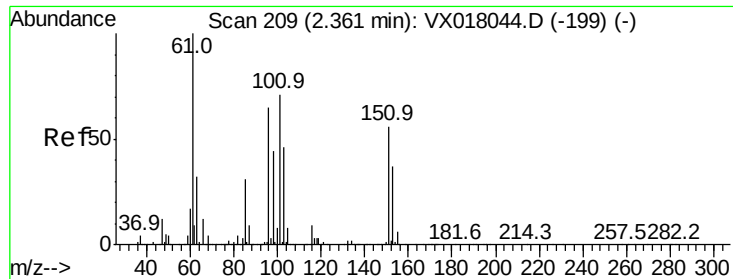


#8

Diethyl Ether
Concen: 49.623 ug/l
RT: 2.17 min Scan# 178
Delta R.T. -0.00 min
Lab File: VX018105.D
Acq: 27 Aug 2020 20:31

Tgt Ion: 74 Resp: 201720
Ion Ratio Lower Upper
74 100
45 102.0 50.7 152.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 44.906 ug/l

RT: 2.36 min Scan# 209

Delta R.T. -0.00 min

Lab File: VX018105.D

Acq: 27 Aug 2020 20:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

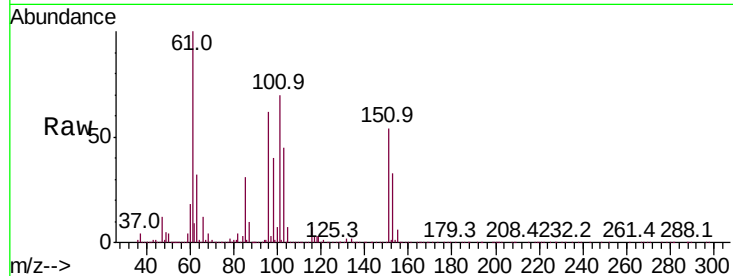
Tot Ion:101 Resp: 291007

Ion Ratio Lower Upper

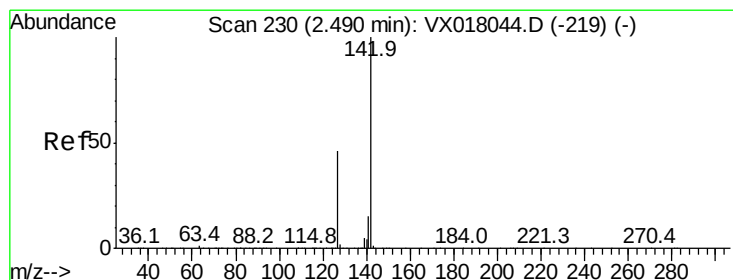
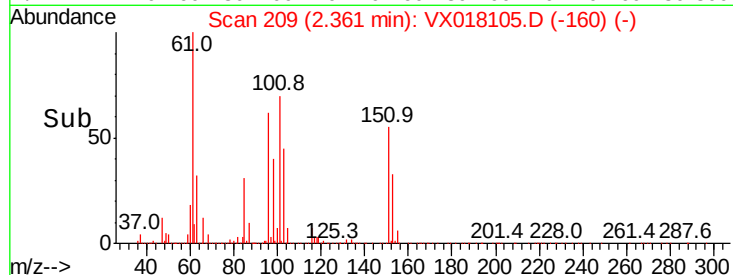
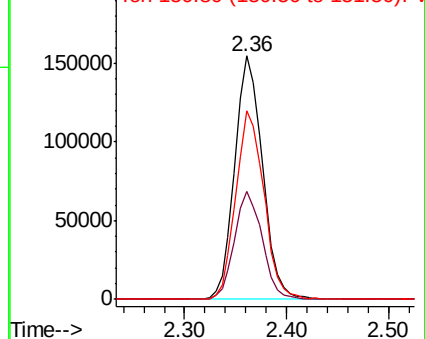
101 100

85 44.4 34.0 51.0

151 78.3 65.2 97.8



Abundance Ion 100.90 (100.60 to 101.60): V
Ion 84.90 (84.60 to 85.60): VX0
Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 52.929 ug/l

RT: 2.49 min Scan# 230

Delta R.T. -0.00 min

Lab File: VX018105.D

Acq: 27 Aug 2020 20:31

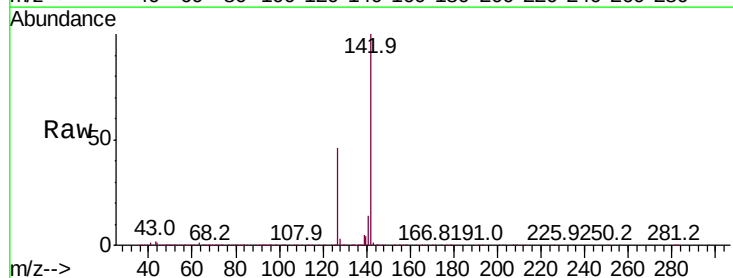
Tgt Ion:142 Resp: 369379

Ion Ratio Lower Upper

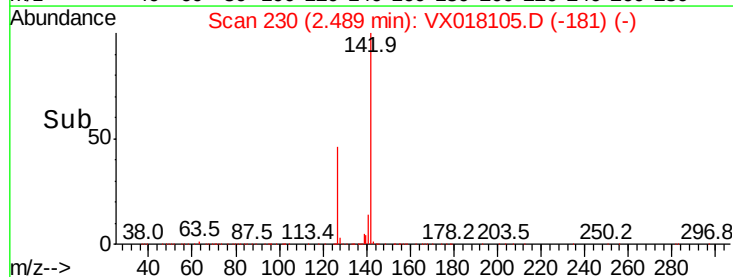
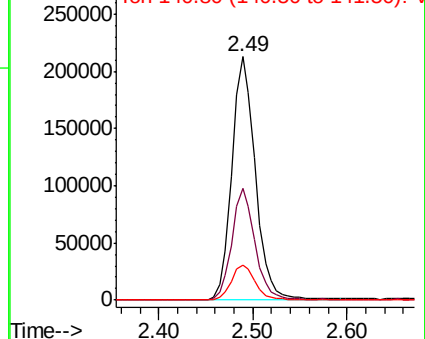
142 100

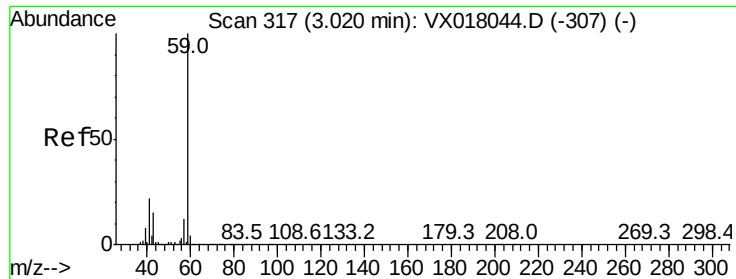
127 45.0 37.0 55.6

141 14.7 11.5 17.3



Abundance Ion 141.80 (141.50 to 142.50): V
Ion 126.80 (126.50 to 127.50): V
Ion 140.80 (140.50 to 141.50): V



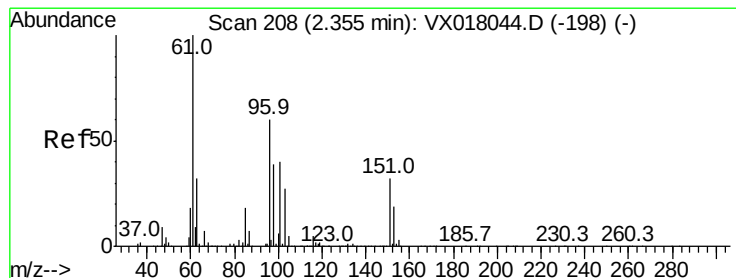
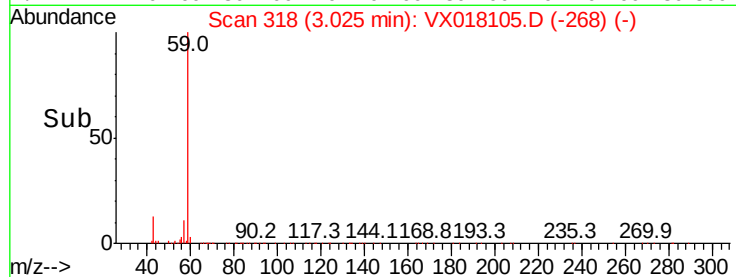
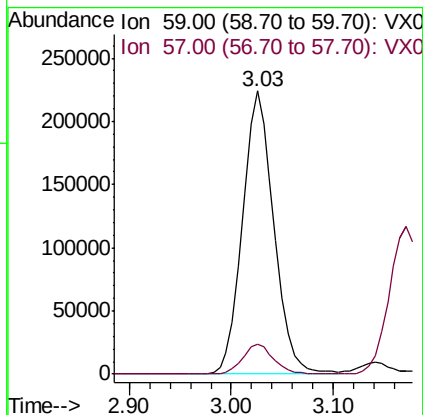
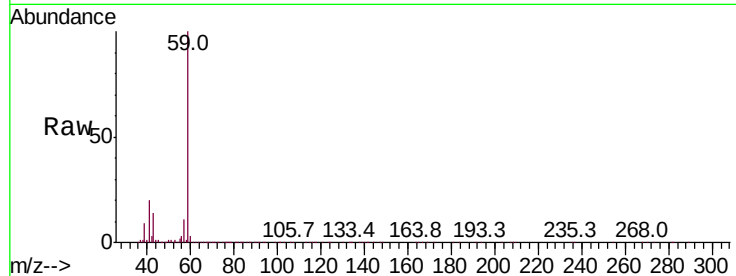


#11

Tert butyl alcohol
 Concen: 257.212 ug/l
 RT: 3.03 min Scan# 318
 Delta R.T. 0.01 min
 Lab File: VX018105.D
 Acq: 27 Aug 2020 20:31

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

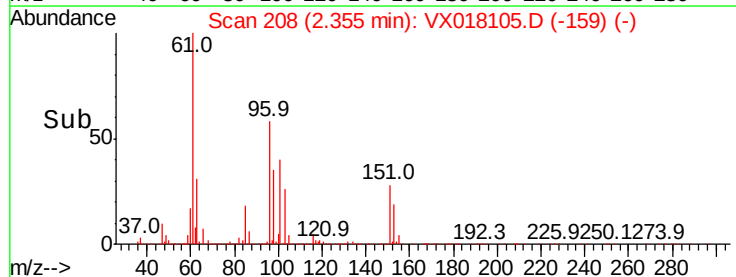
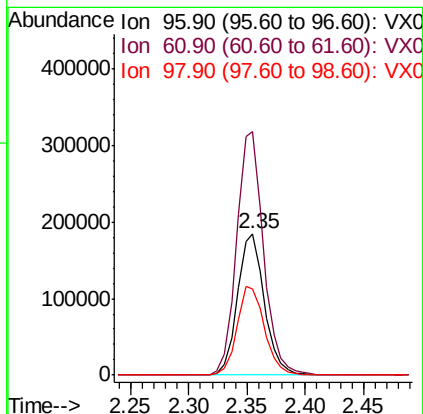
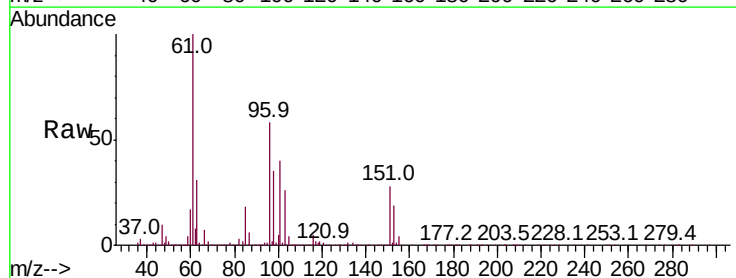
Tot Ion: 59 Resp: 477649
 Ion Ratio Lower Upper
 59 100
 57 10.4 8.9 13.3

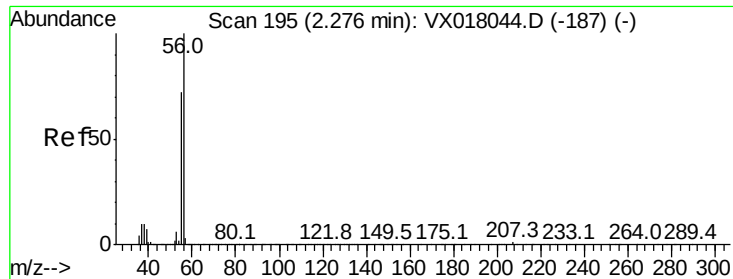


#12

1,1-Dichloroethene
 Concen: 44.232 ug/l
 RT: 2.35 min Scan# 208
 Delta R.T. -0.00 min
 Lab File: VX018105.D
 Acq: 27 Aug 2020 20:31

Tgt Ion: 96 Resp: 297382
 Ion Ratio Lower Upper
 96 100
 61 171.8 133.0 199.4
 98 60.9 51.6 77.4





#13

Acrolein

Concen: 231.425 ug/l

RT: 2.28 min Scan# 195

Delta R.T. -0.00 min

Lab File: VX018105.D

Acq: 27 Aug 2020 20:31

Instrument :

MSVOA_X

ClientSampleId :

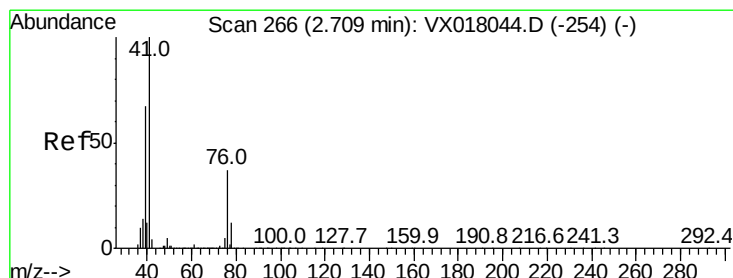
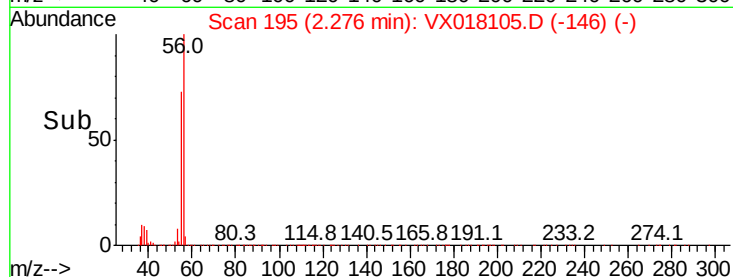
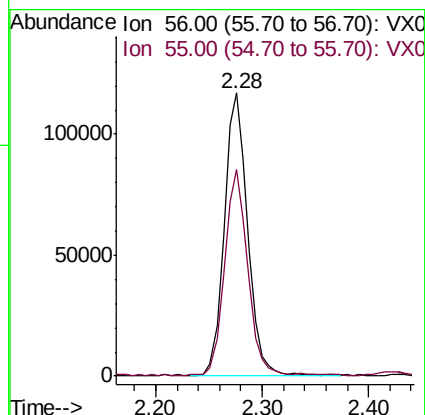
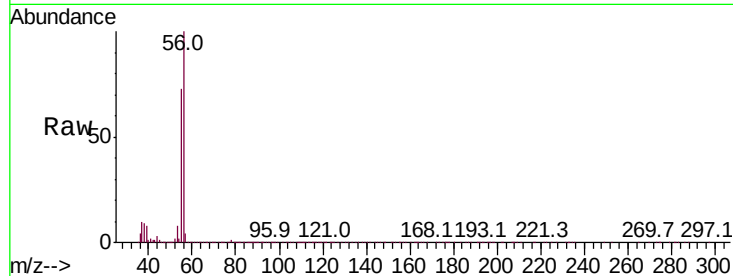
VSTDCCC050EC

Tot Ion: 56 Resp: 178198

Ion Ratio Lower Upper

56 100

55 72.9 57.0 85.6



#14

Allyl chloride

Concen: 52.830 ug/l

RT: 2.71 min Scan# 266

Delta R.T. -0.00 min

Lab File: VX018105.D

Acq: 27 Aug 2020 20:31

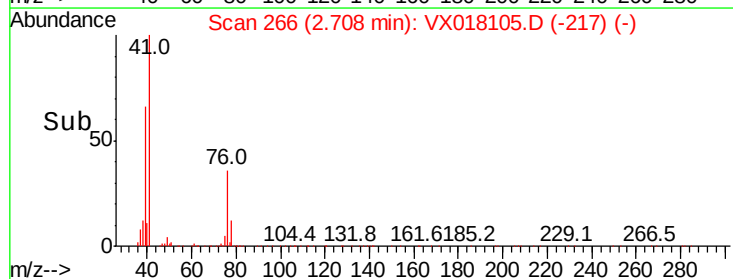
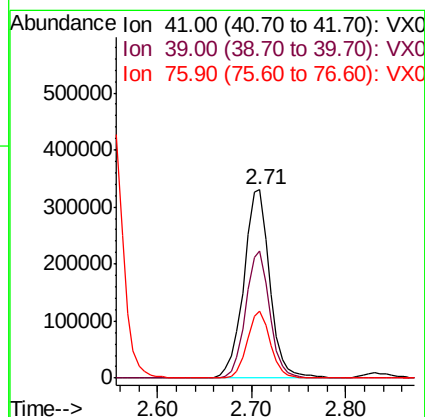
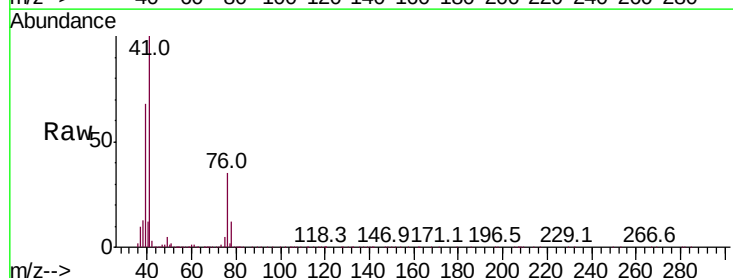
Tgt Ion: 41 Resp: 638133

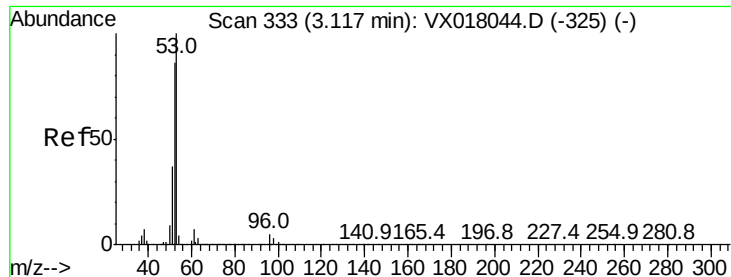
Ion Ratio Lower Upper

41 100

39 62.9 50.6 76.0

76 31.6 26.2 39.2





#15

Acrylonitrile

Concen: 269.343 ug/l

RT: 3.12 min Scan# 333

Delta R.T. -0.00 min

Lab File: VX018105.D

Acq: 27 Aug 2020 20:31

Instrument :

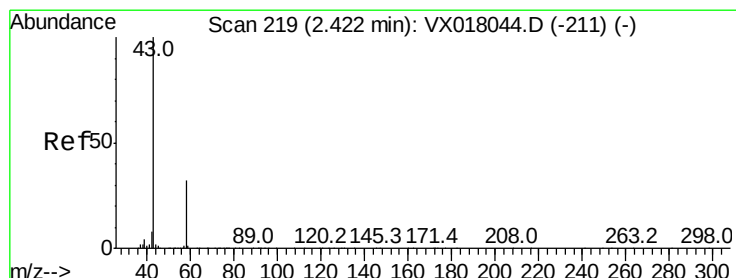
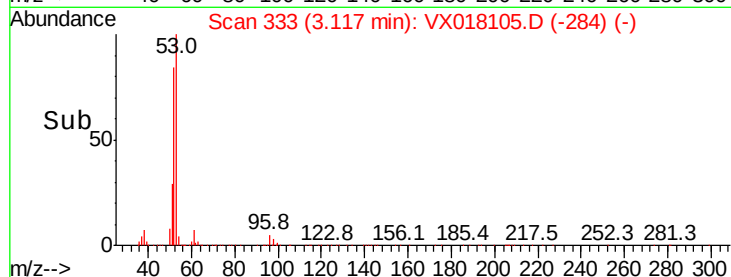
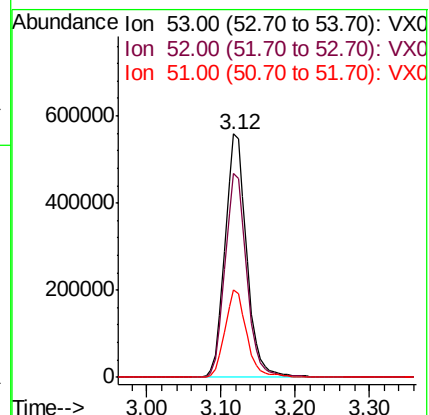
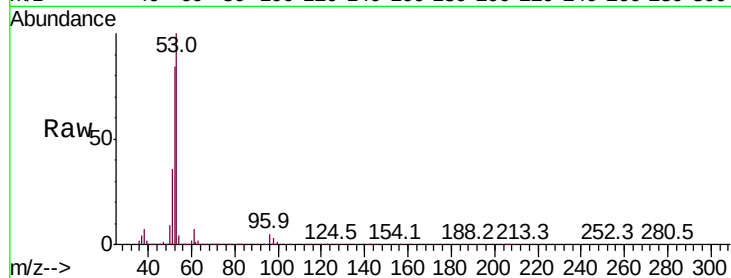
MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 53 Resp: 1134591

Ion	Ratio	Lower	Upper
53	100		
52	83.2	66.9	100.3
51	35.7	28.7	43.1



#16

Acetone

Concen: 262.037 ug/l

RT: 2.42 min Scan# 219

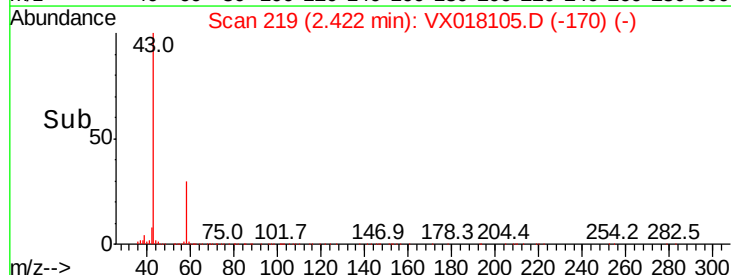
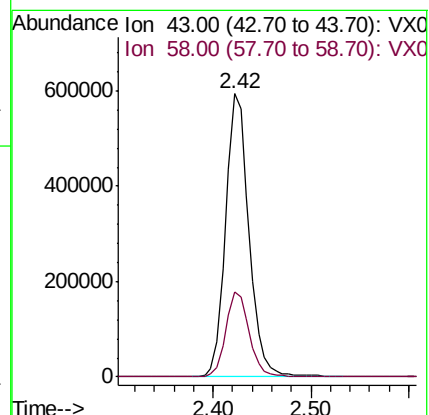
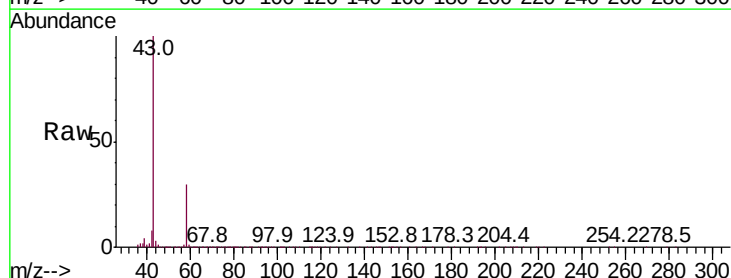
Delta R.T. -0.00 min

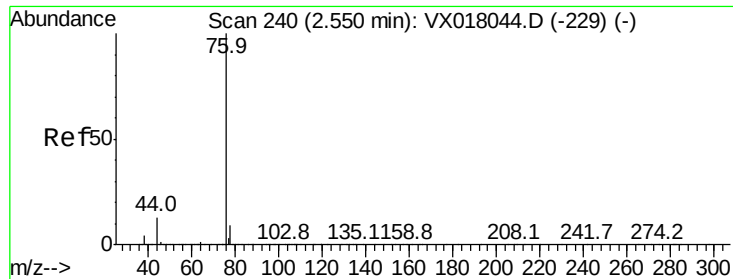
Lab File: VX018105.D

Acq: 27 Aug 2020 20:31

Tgt Ion: 43 Resp: 975192

Ion	Ratio	Lower	Upper
43	100		
58	30.1	25.5	38.3





#17

Carbon Disulfide

Concen: 47.279 ug/l

RT: 2.55 min Scan# 240

Delta R.T. -0.00 min

Lab File: VX018105.D

Acq: 27 Aug 2020 20:31

Instrument :

MSVOA_X

ClientSampleId :

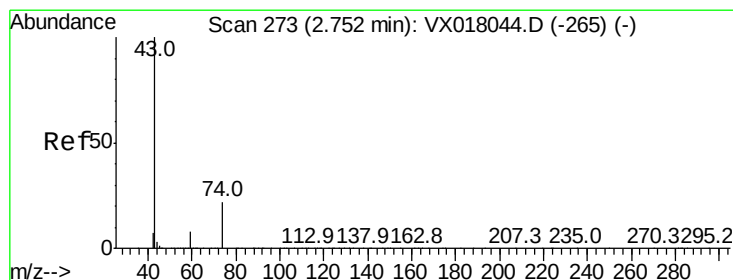
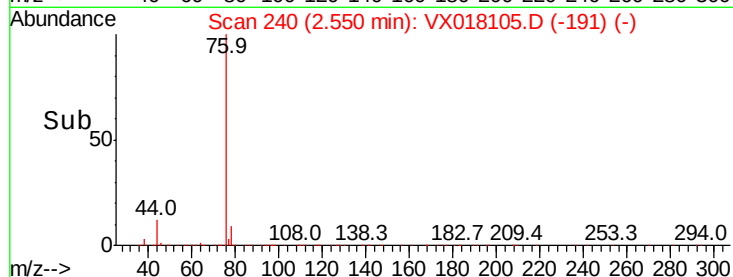
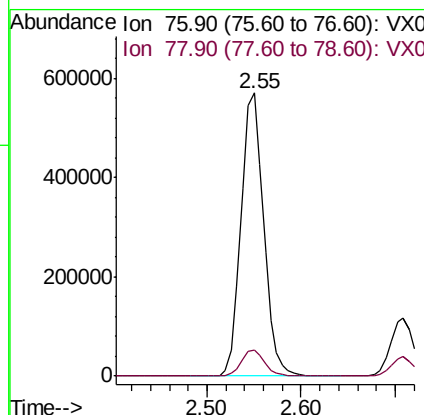
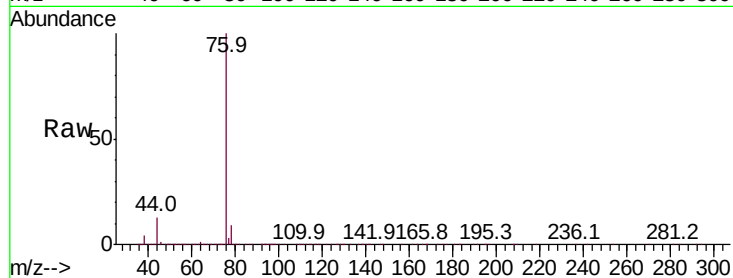
VSTDCCC050EC

Tot Ion: 76 Resp: 960911

Ion Ratio Lower Upper

76 100

78 9.3 7.4 11.0



#18

Methyl Acetate

Concen: 57.862 ug/l

RT: 2.75 min Scan# 273

Delta R.T. -0.00 min

Lab File: VX018105.D

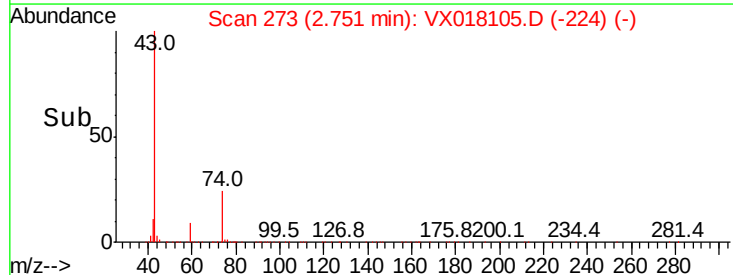
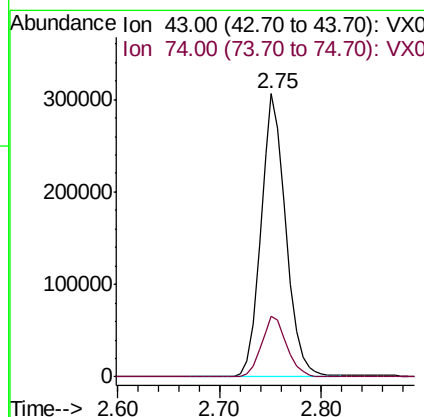
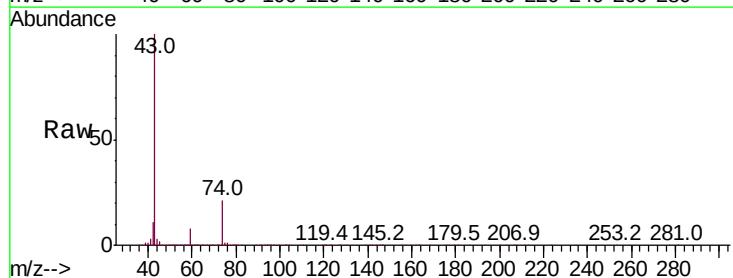
Acq: 27 Aug 2020 20:31

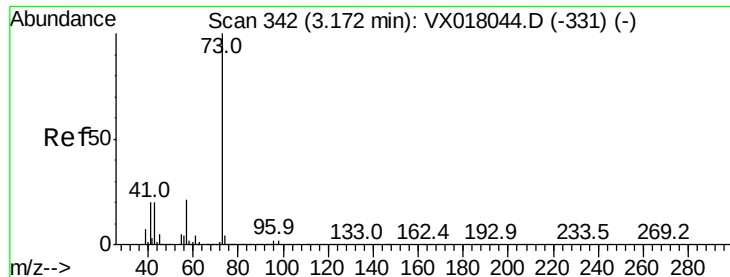
Tgt Ion: 43 Resp: 519636

Ion Ratio Lower Upper

43 100

74 22.0 18.2 27.4



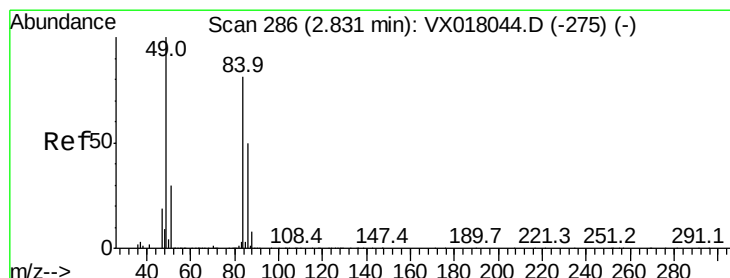
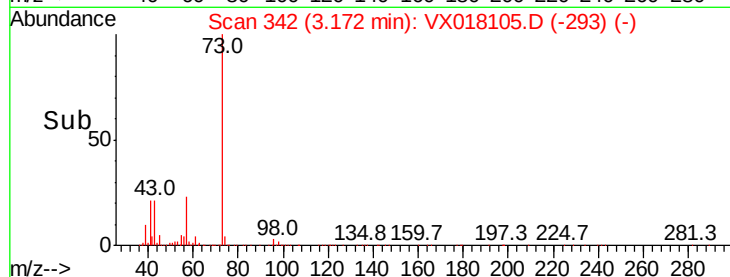
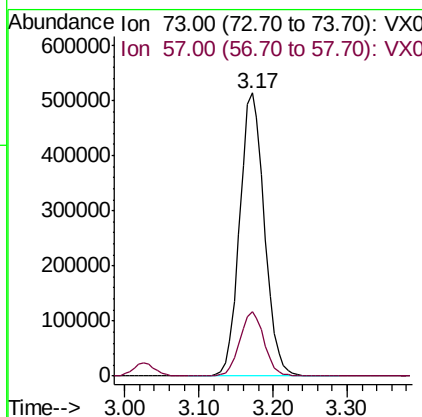
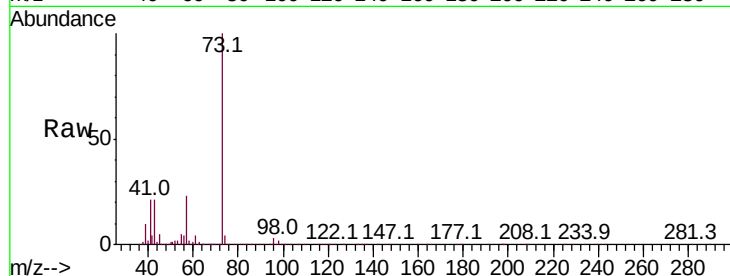


#19

Methyl tert-butyl Ether
 Concen: 51.806 ug/l
 RT: 3.17 min Scan# 342
 Delta R.T. -0.00 min
 Lab File: VX018105.D
 Acq: 27 Aug 2020 20:31

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

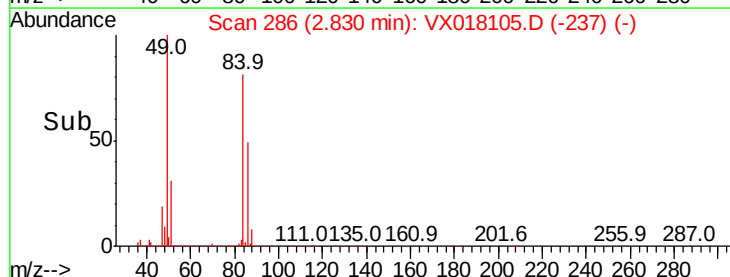
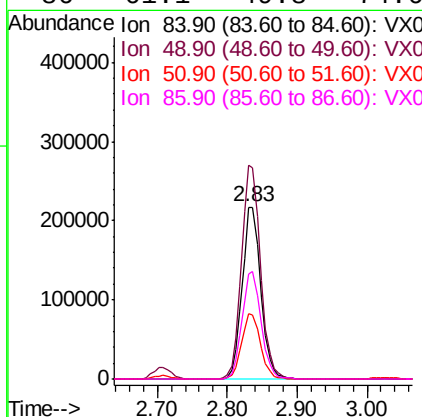
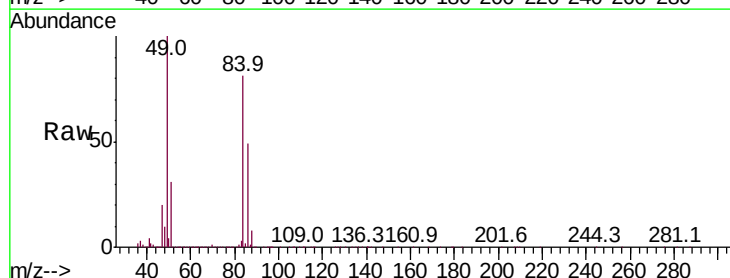
Tot Ion: 73 Resp: 1194506
 Ion Ratio Lower Upper
 73 100
 57 22.7 16.8 25.2

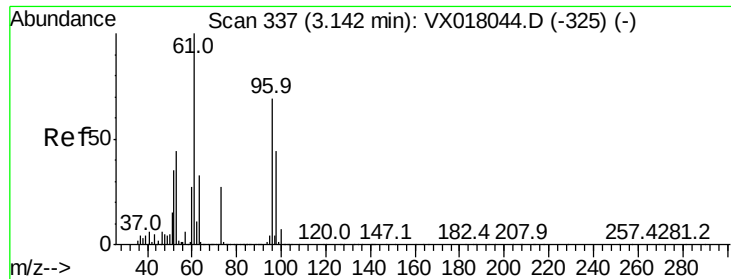


#20

Methylene Chloride
 Concen: 53.209 ug/l
 RT: 2.83 min Scan# 286
 Delta R.T. 0.00 min
 Lab File: VX018105.D
 Acq: 27 Aug 2020 20:31

Tgt Ion: 84 Resp: 404323
 Ion Ratio Lower Upper
 84 100
 49 124.1 98.6 148.0
 51 37.9 29.6 44.4
 86 61.1 49.8 74.6





#21

trans-1,2-Dichloroethene

Concen: 48.808 ug/l

RT: 3.14 min Scan# 337

Delta R.T. -0.00 min

Lab File: VX018105.D

Acq: 27 Aug 2020 20:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

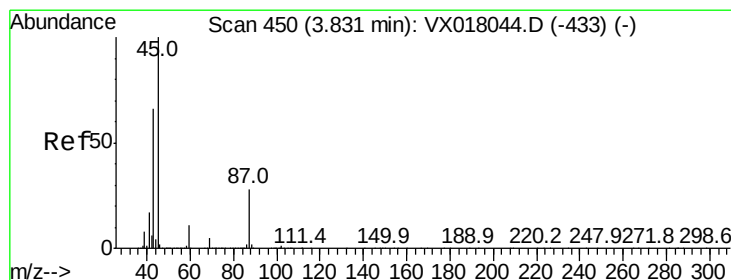
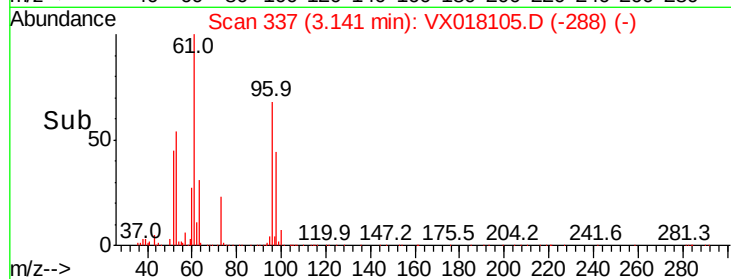
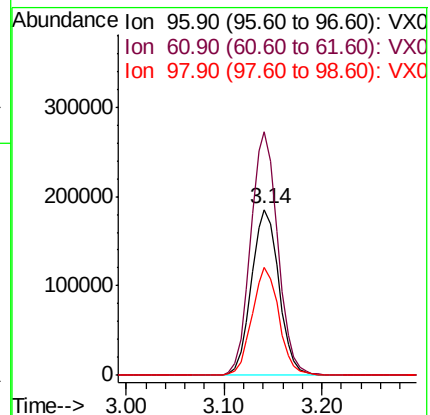
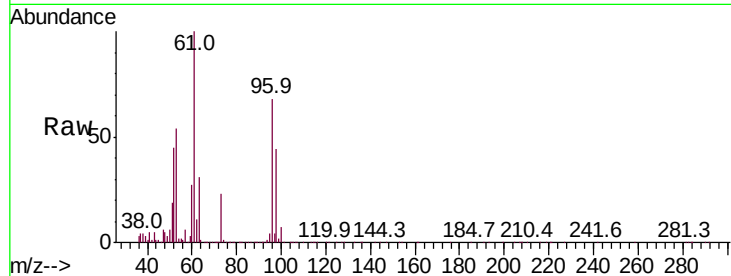
Tot Ion: 96 Resp: 363558

Ion Ratio Lower Upper

96 100

61 146.8 115.4 173.0

98 65.0 51.1 76.7



#22

Diisopropyl ether

Concen: 52.755 ug/l

RT: 3.83 min Scan# 450

Delta R.T. -0.00 min

Lab File: VX018105.D

Acq: 27 Aug 2020 20:31

Tgt Ion: 45 Resp: 1257695

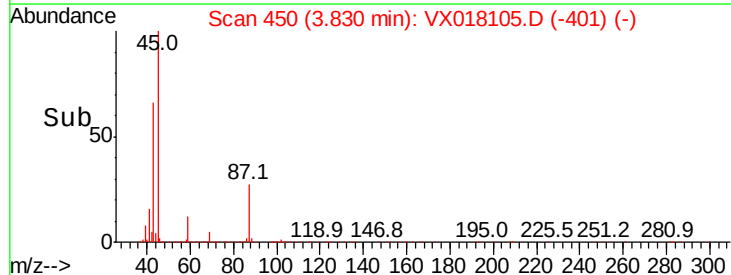
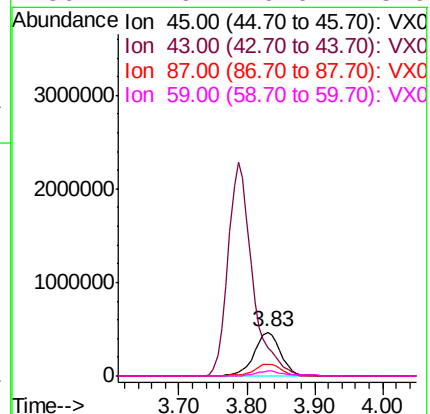
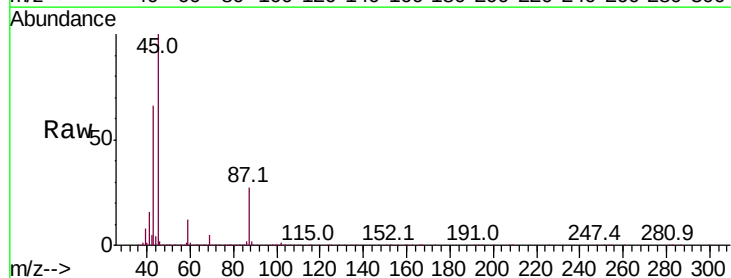
Ion Ratio Lower Upper

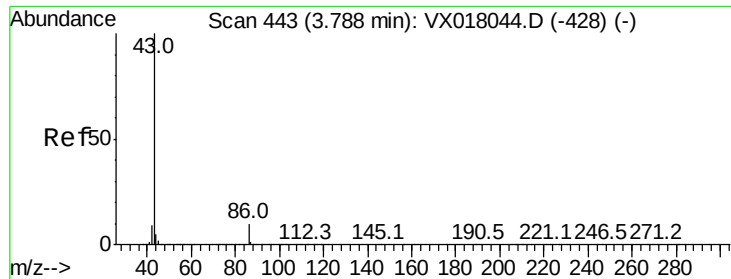
45 100

43 65.7 52.8 79.2

87 26.7 22.5 33.7

59 11.9 9.0 13.6

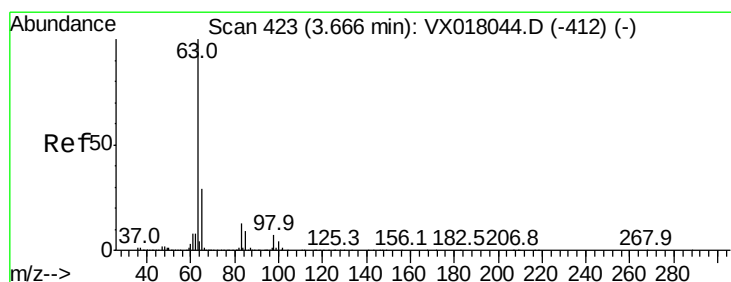
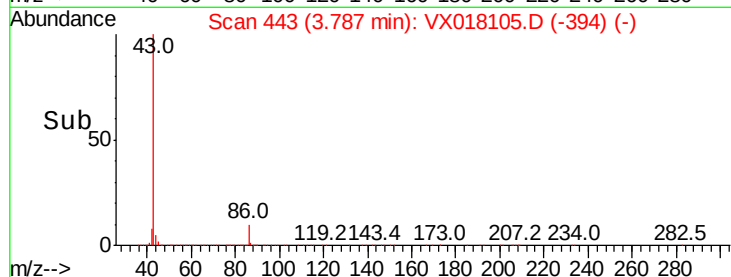
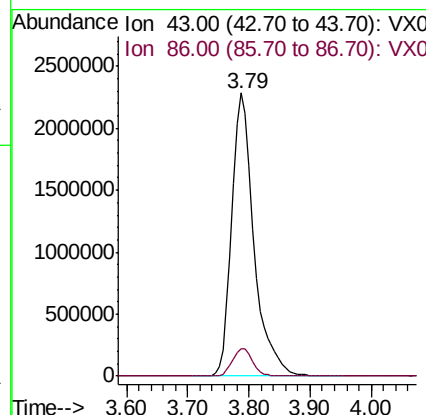
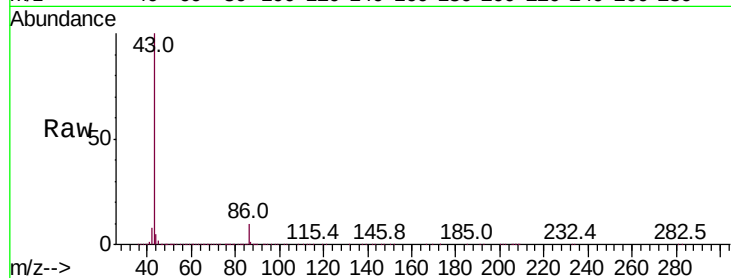




#23
 Vinyl Acetate
 Concen: 268.438 ug/l
 RT: 3.79 min Scan# 443
 Delta R.T. -0.00 min
 Lab File: VX018105.D
 Acq: 27 Aug 2020 20:31

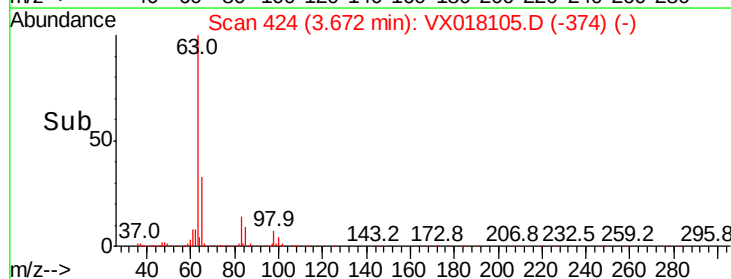
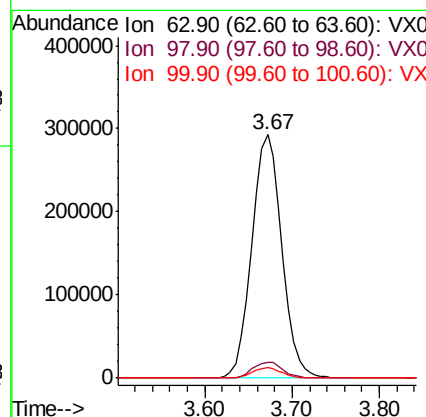
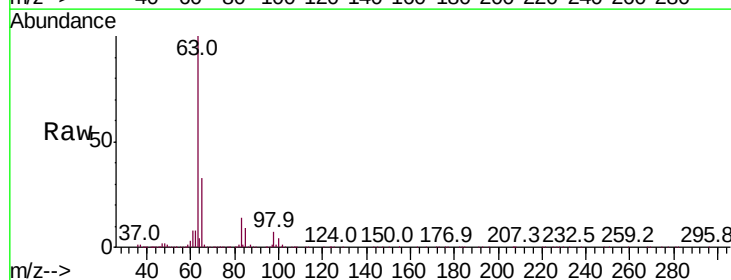
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

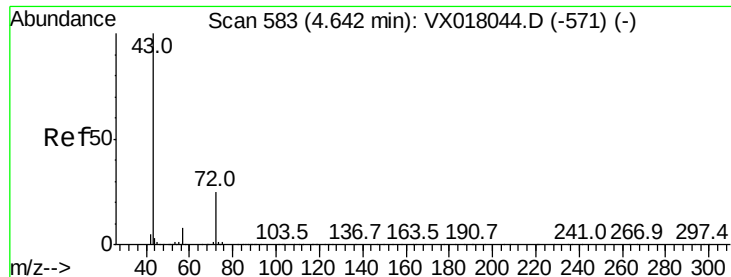
Tot Ion: 43 Resp: 5694485
 Ion Ratio Lower Upper
 43 100
 86 9.7 7.9 11.9



#24
 1,1-Dichloroethane
 Concen: 51.282 ug/l
 RT: 3.67 min Scan# 424
 Delta R.T. 0.01 min
 Lab File: VX018105.D
 Acq: 27 Aug 2020 20:31

Tgt Ion: 63 Resp: 695956
 Ion Ratio Lower Upper
 63 100
 98 6.7 3.6 10.8
 100 4.3 2.0 6.0





#25

2-Butanone

Concen: 267.915 ug/l

RT: 4.64 min Scan# 583

Delta R.T. -0.00 min

Lab File: VX018105.D

Acq: 27 Aug 2020 20:31

Instrument :

MSVOA_X

ClientSampleId :

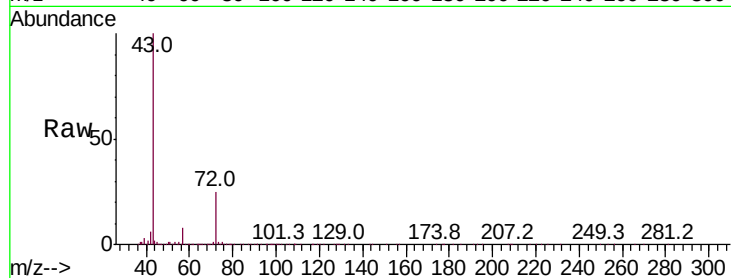
VSTDCCC050EC

Tot Ion: 43 Resp: 1638639

Ion Ratio Lower Upper

43 100

72 24.9 19.8 29.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

4.64

600000

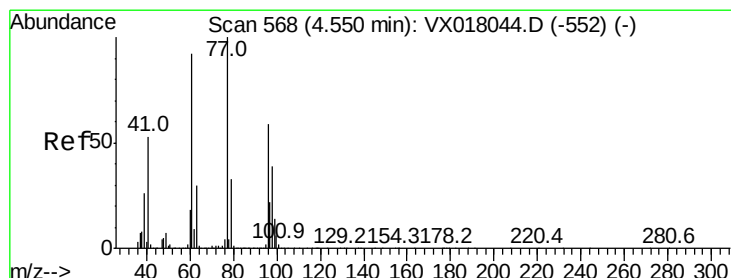
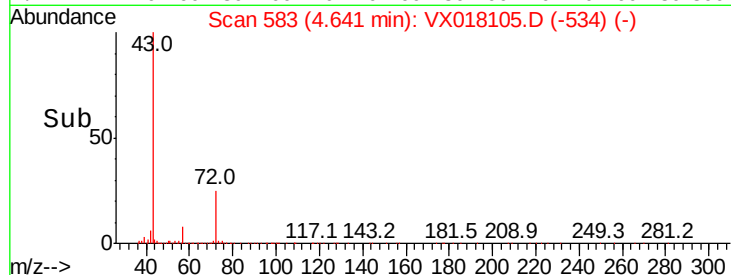
400000

200000

0

4.50 4.60 4.70 4.80

Time-->



#26

2,2-Dichloropropane

Concen: 43.181 ug/l

RT: 4.55 min Scan# 568

Delta R.T. -0.00 min

Lab File: VX018105.D

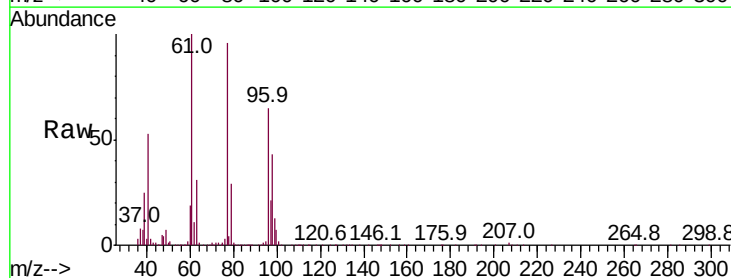
Acq: 27 Aug 2020 20:31

Tgt Ion: 77 Resp: 476807

Ion Ratio Lower Upper

77 100

97 23.8 11.5 34.5



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

4.55

150000

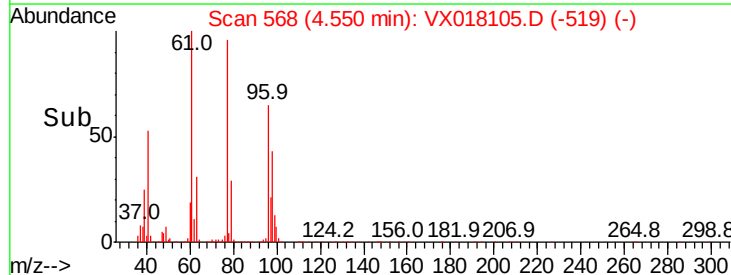
100000

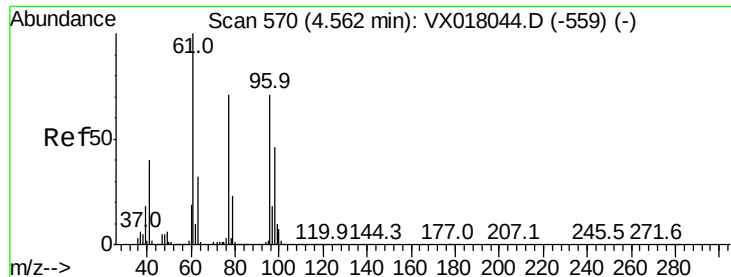
50000

0

4.40 4.50 4.60

Time-->



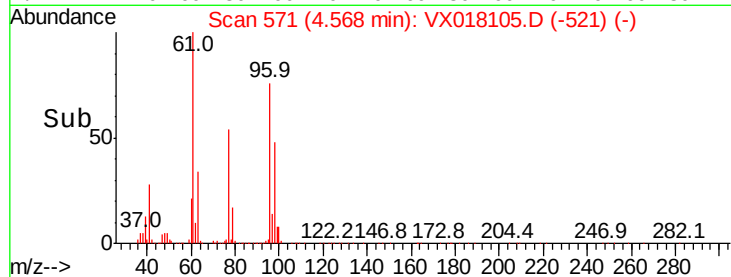
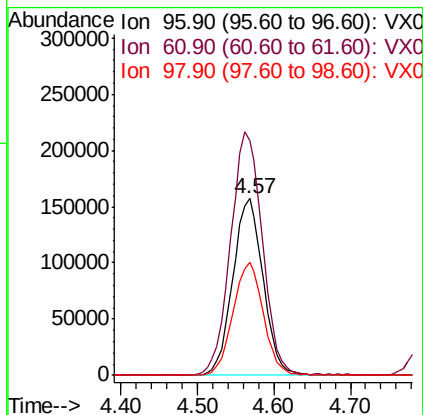
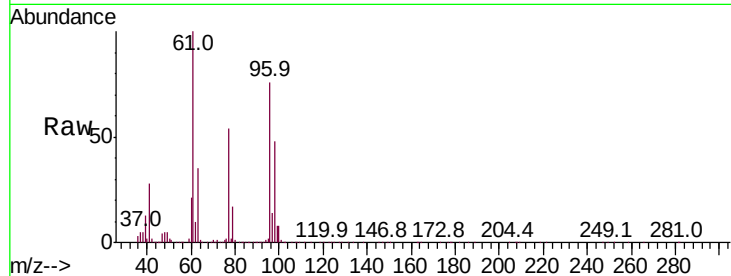


#27

cis-1,2-Dichloroethene
 Concen: 50.396 ug/l
 RT: 4.57 min Scan# 571
 Delta R.T. 0.01 min
 Lab File: VX018105.D
 Acq: 27 Aug 2020 20:31

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

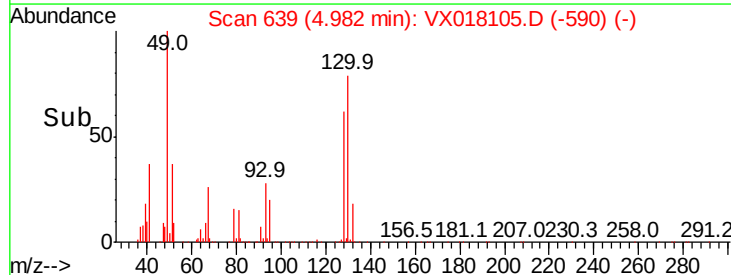
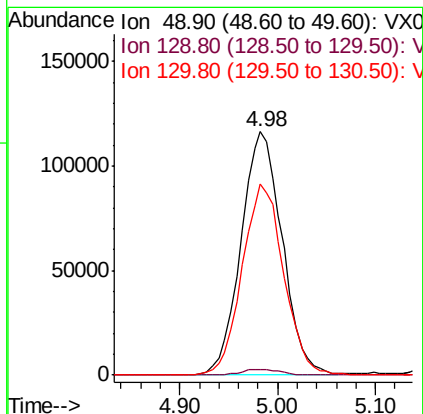
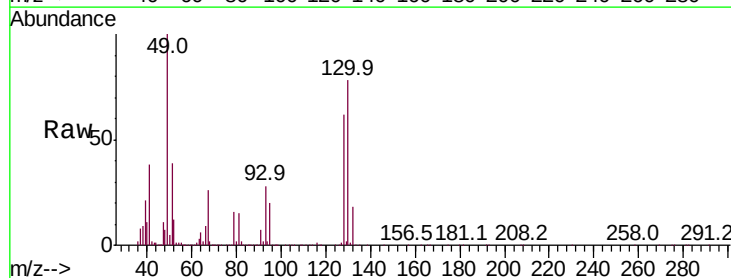
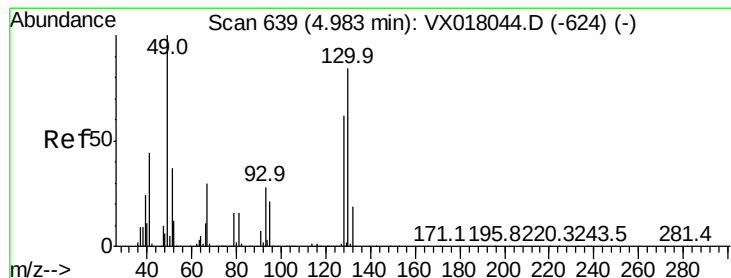
Tot Ion	Ratio	Lower	Upper
96	100		
61	144.1	0.0	296.6
98	64.0	0.0	130.2

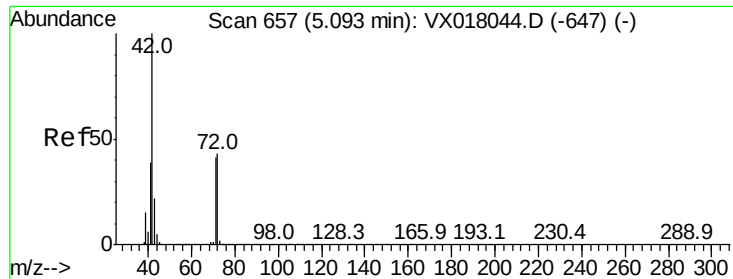


#28

Bromochloromethane
 Concen: 51.965 ug/l
 RT: 4.98 min Scan# 639
 Delta R.T. -0.00 min
 Lab File: VX018105.D
 Acq: 27 Aug 2020 20:31

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.3	0.0	4.6
130	79.3	64.6	96.8





#29

Tetrahydrofuran

Concen: 272.324 ug/l

RT: 5.09 min Scan# 657

Delta R.T. -0.00 min

Lab File: VX018105.D

Acq: 27 Aug 2020 20:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

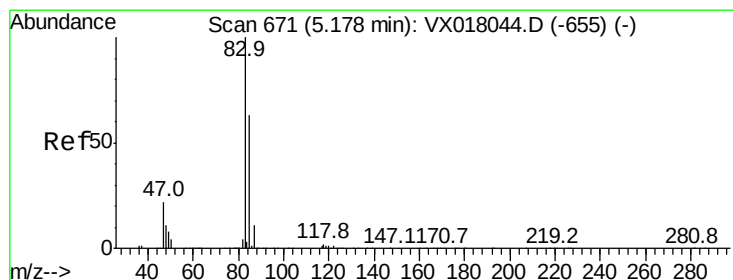
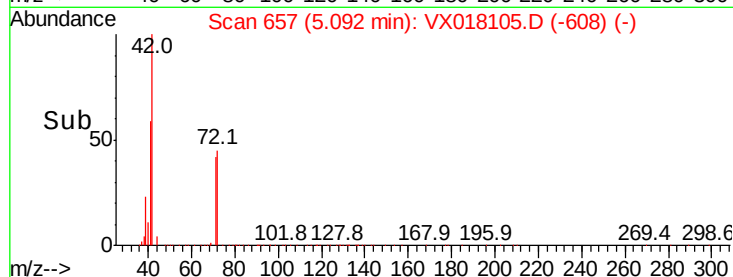
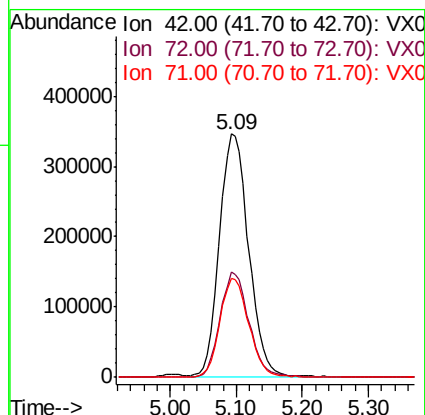
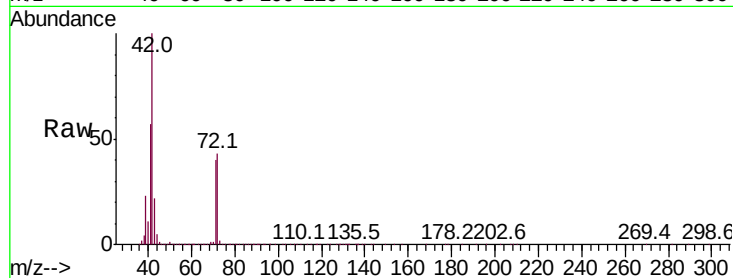
Tot Ion: 42 Resp: 1060295

Ion Ratio Lower Upper

42 100

72 42.8 34.2 51.4

71 40.1 32.1 48.1



#30

Chloroform

Concen: 50.570 ug/l

RT: 5.18 min Scan# 672

Delta R.T. 0.01 min

Lab File: VX018105.D

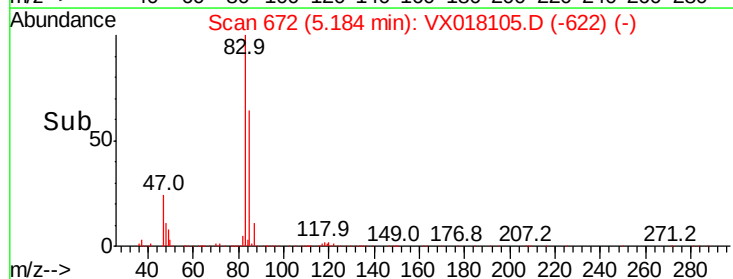
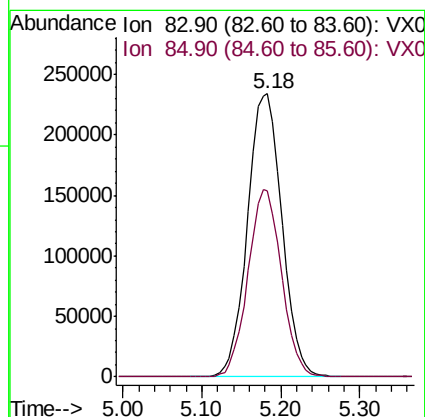
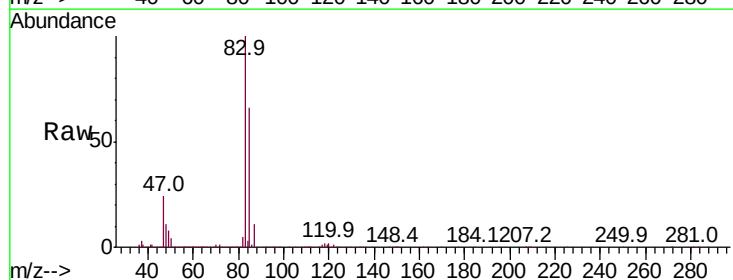
Acq: 27 Aug 2020 20:31

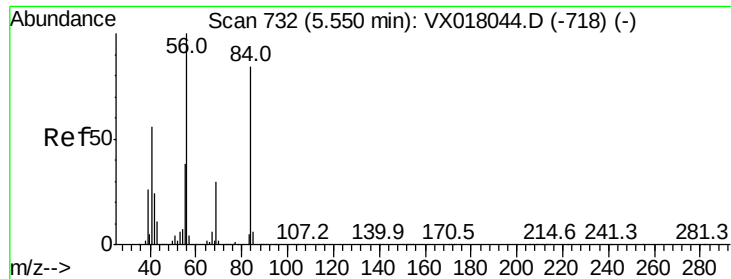
Tgt Ion: 83 Resp: 710623

Ion Ratio Lower Upper

83 100

85 65.6 50.7 76.1

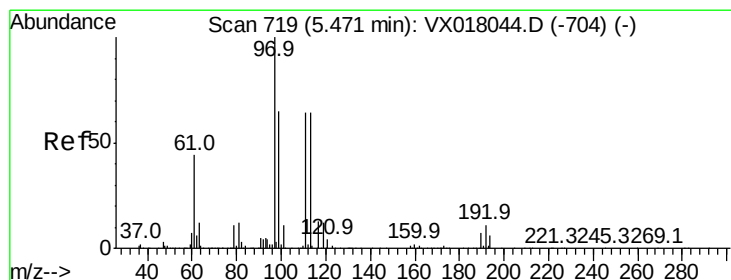
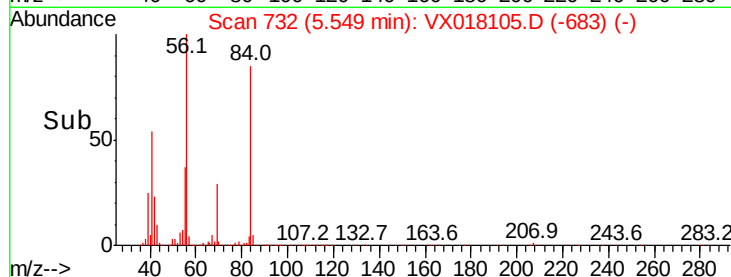
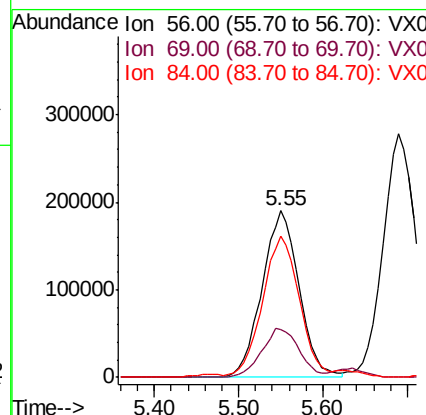
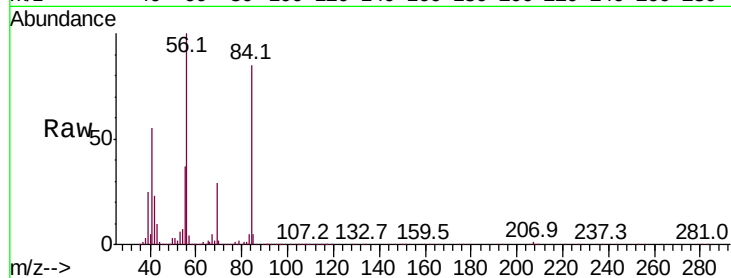




#31
Cyclohexane
Concen: 50.251 ug/l
RT: 5.55 min Scan# 732
Delta R.T. -0.00 min
Lab File: VX018105.D
Acq: 27 Aug 2020 20:31

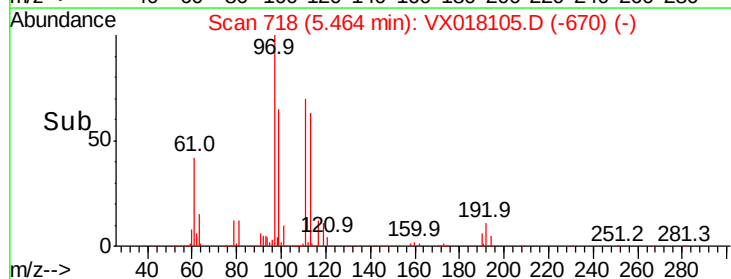
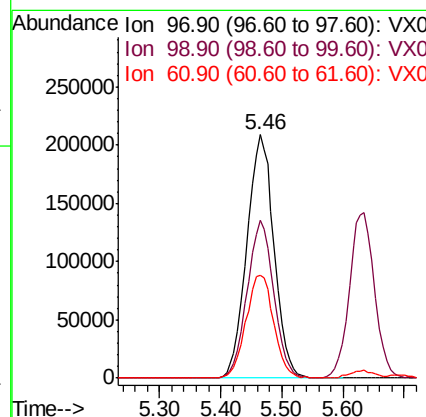
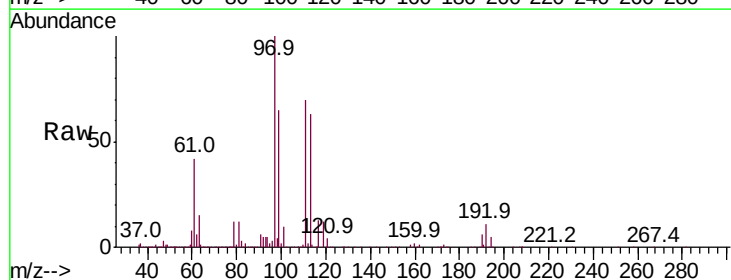
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

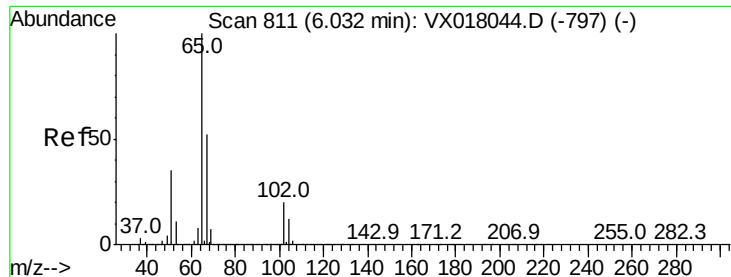
Tot Ion	Ratio	Lower	Upper
56	100		
69	28.3	23.9	35.9
84	83.4	67.0	100.4



#32
1,1,1-Trichloroethane
Concen: 49.932 ug/l
RT: 5.46 min Scan# 718
Delta R.T. -0.01 min
Lab File: VX018105.D
Acq: 27 Aug 2020 20:31

Tgt Ion	Ratio	Lower	Upper
97	100		
99	63.6	51.4	77.0
61	43.1	34.2	51.4

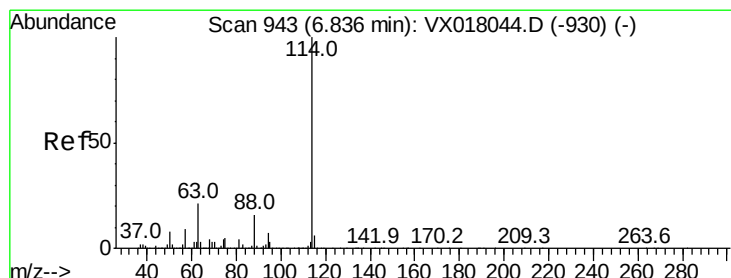
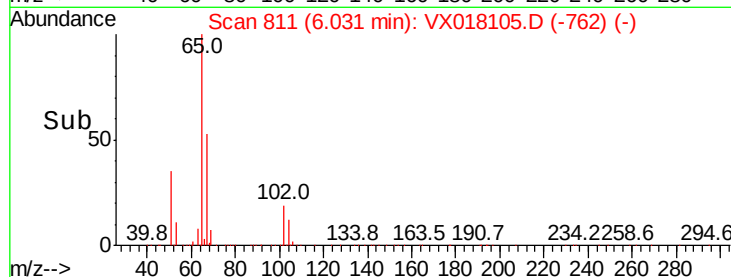
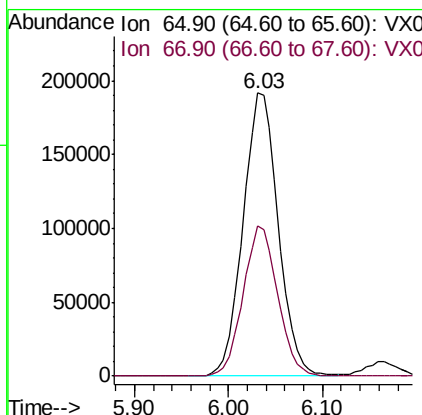
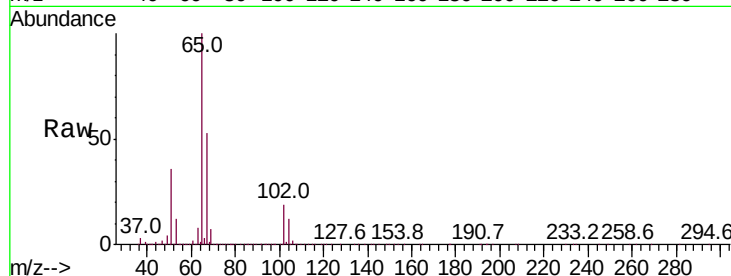




#33
 1,2-Dichloroethane-d4
 Concen: 52.603 ug/l
 RT: 6.03 min Scan# 811
 Delta R.T. -0.00 min
 Lab File: VX018105.D
 Acq: 27 Aug 2020 20:31

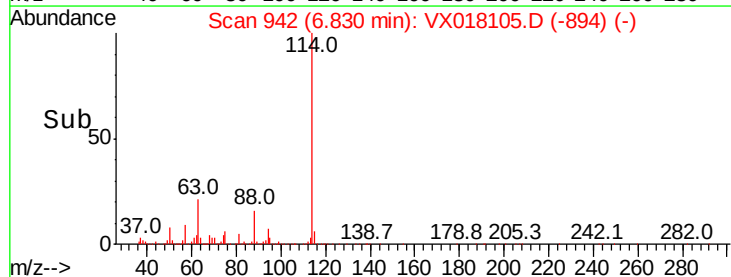
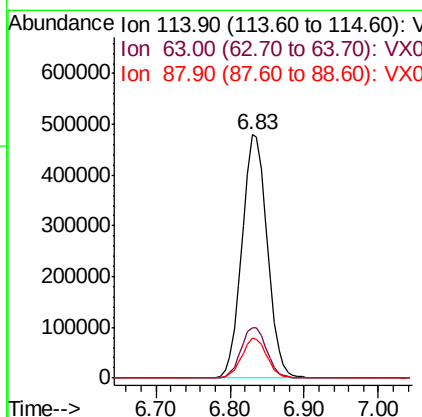
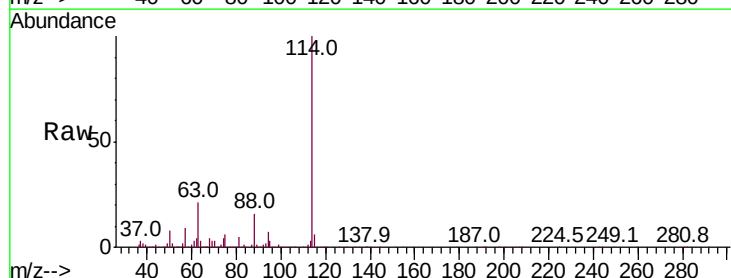
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

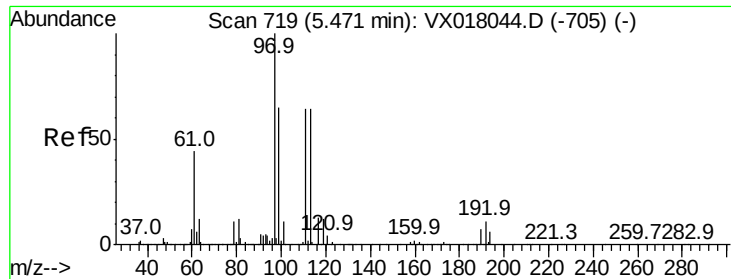
Tot Ion: 65 Resp: 502401
 Ion Ratio Lower Upper
 65 100
 67 52.0 0.0 105.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.83 min Scan# 942
 Delta R.T. -0.01 min
 Lab File: VX018105.D
 Acq: 27 Aug 2020 20:31

Tgt Ion:114 Resp: 1149212
 Ion Ratio Lower Upper
 114 100
 63 20.6 0.0 42.6
 88 16.5 0.0 31.8





#35

Dibromofluoromethane

Concen: 51.035 ug/l

RT: 5.47 min Scan# 719

Delta R.T. -0.00 min

Lab File: VX018105.D

Acq: 27 Aug 2020 20:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

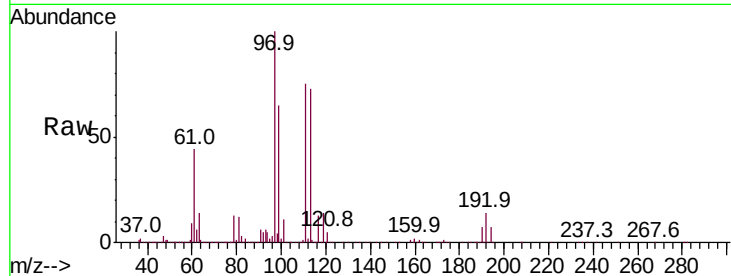
Tot Ion:113 Resp: 399433

Ion Ratio Lower Upper

113 100

111 103.6 81.6 122.4

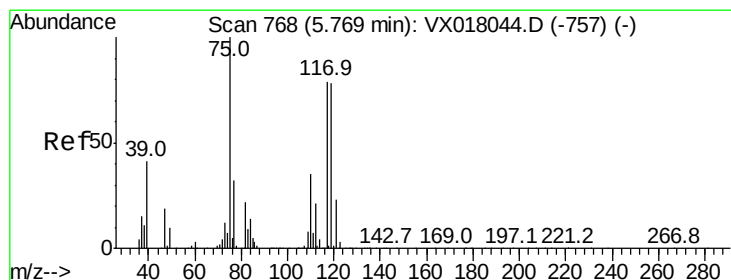
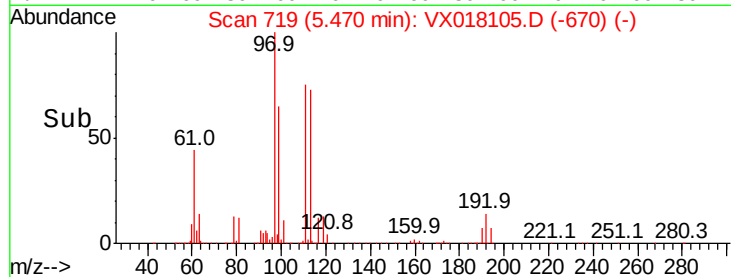
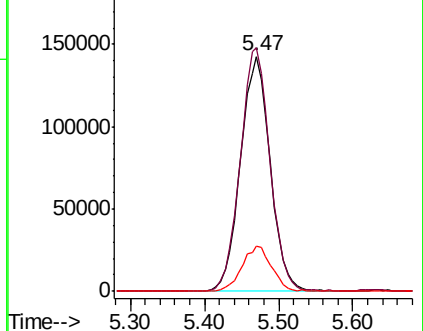
192 19.3 15.8 23.8



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 49.527 ug/l

RT: 5.77 min Scan# 768

Delta R.T. -0.00 min

Lab File: VX018105.D

Acq: 27 Aug 2020 20:31

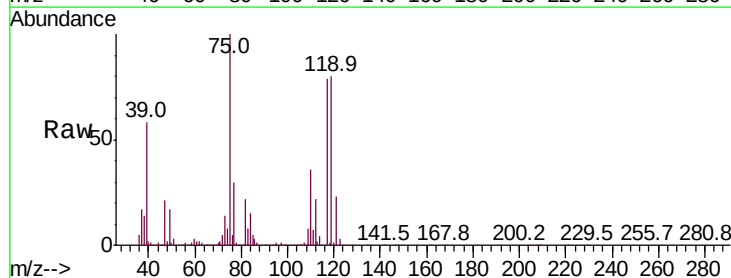
Tgt Ion: 75 Resp: 524977

Ion Ratio Lower Upper

75 100

110 36.4 18.0 54.0

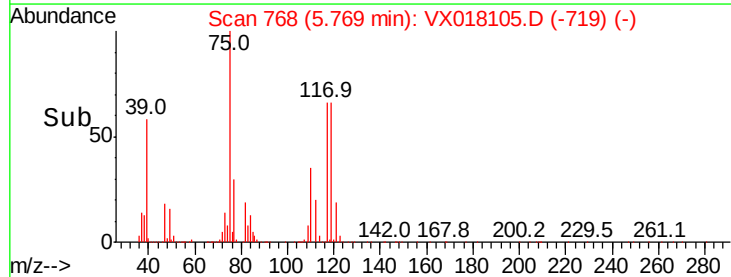
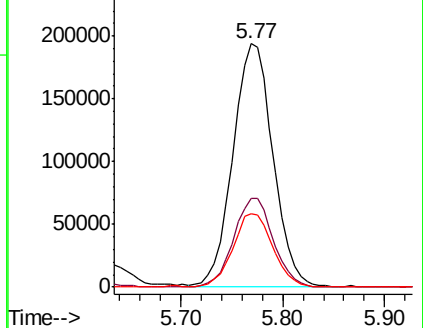
77 30.2 24.4 36.6

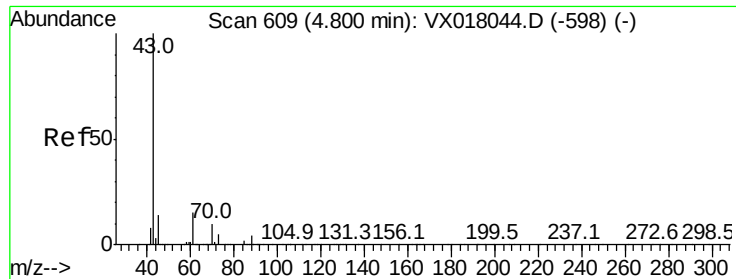


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

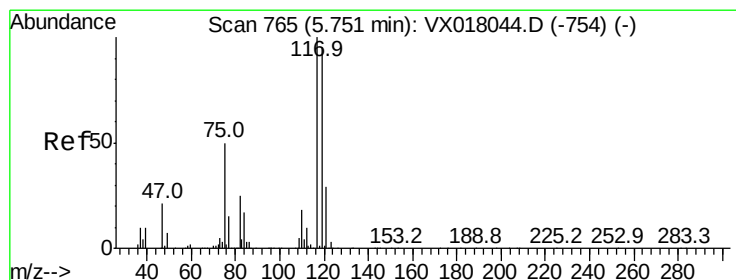
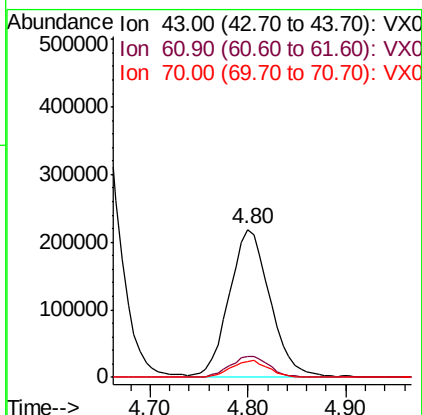
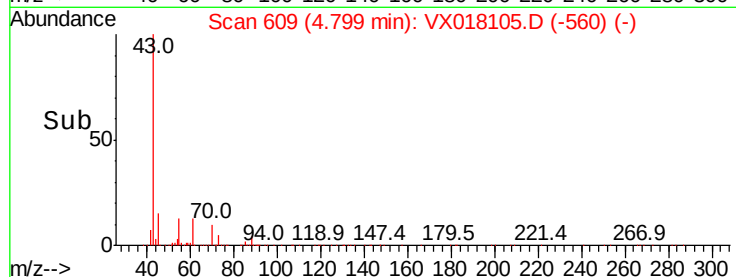
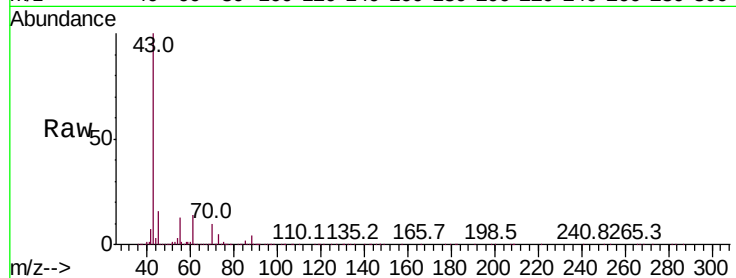




#37
Ethyl Acetate
Concen: 50.971 ug/l
RT: 4.80 min Scan# 609
Delta R.T. -0.00 min
Lab File: VX018105.D
Acq: 27 Aug 2020 20:31

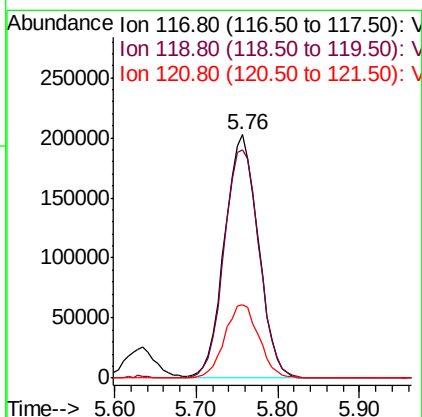
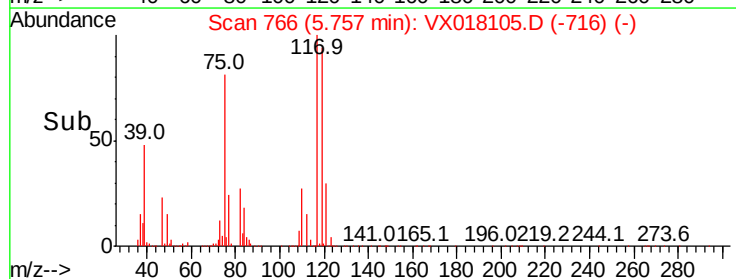
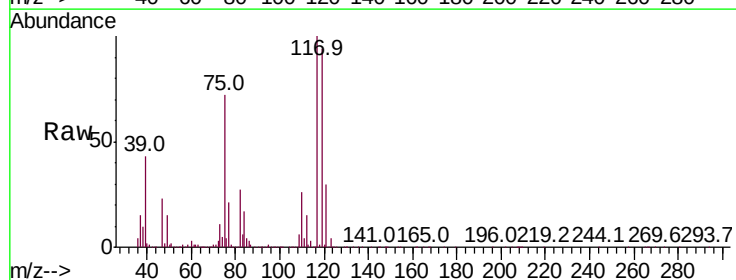
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

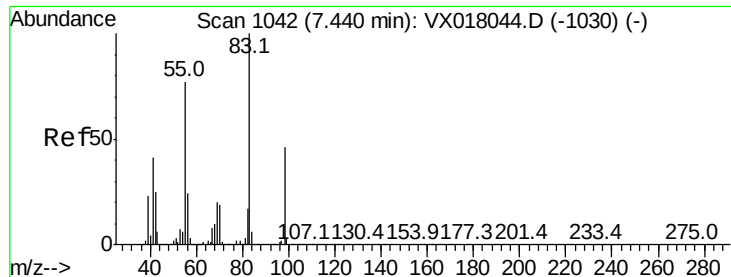
Tot Ion	Ratio	Lower	Upper
43	100		
61	13.6	11.3	16.9
70	10.6	8.2	12.4



#38
Carbon Tetrachloride
Concen: 48.419 ug/l
RT: 5.76 min Scan# 766
Delta R.T. 0.01 min
Lab File: VX018105.D
Acq: 27 Aug 2020 20:31

Tgt Ion	Ratio	Lower	Upper
117	100		
119	93.7	75.8	113.6
121	29.8	23.4	35.0

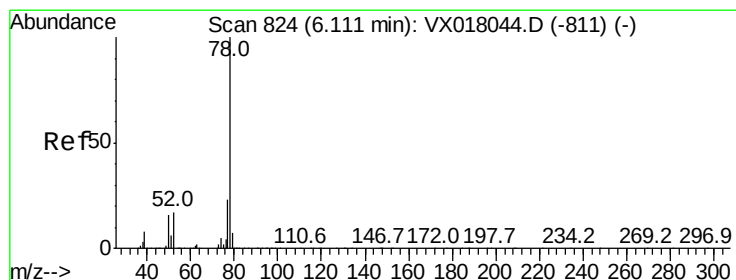
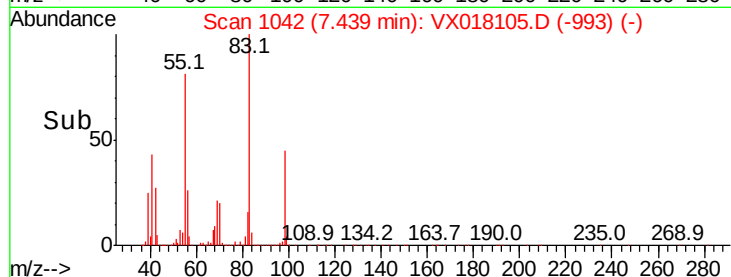
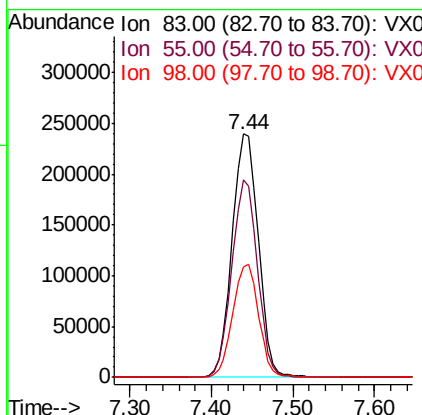
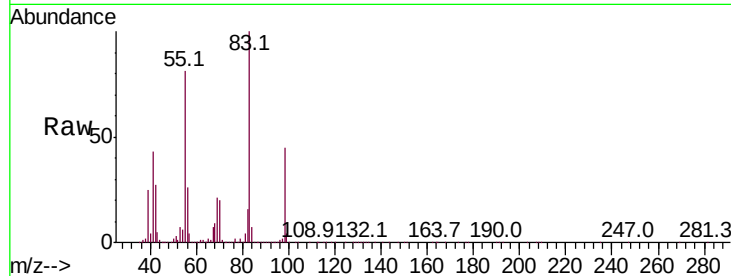




#39
Methylvlcyclohexane
Concen: 45.744 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. -0.00 min
Lab File: VX018105.D
Acq: 27 Aug 2020 20:31

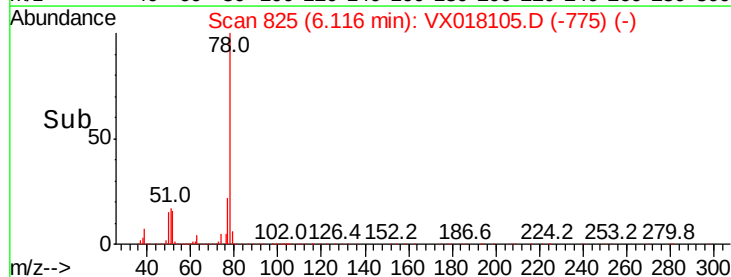
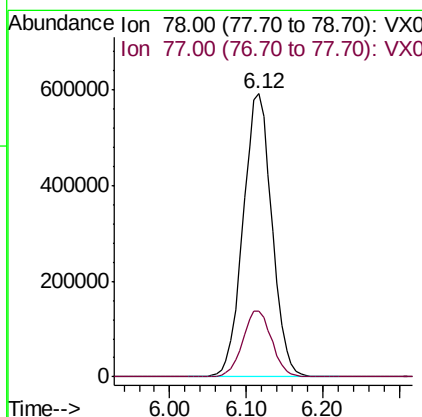
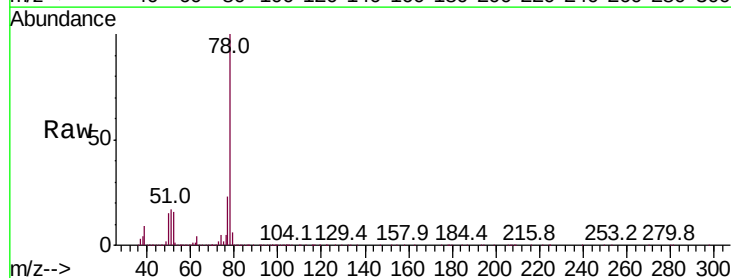
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

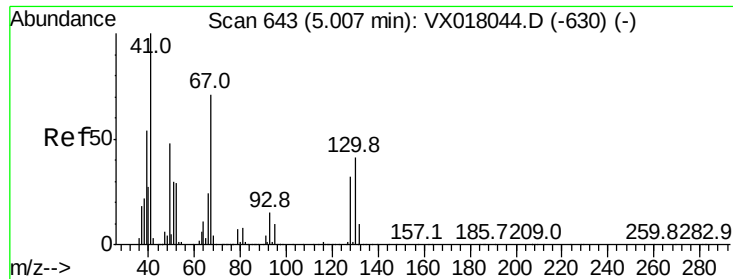
Tot Ion	83	Resp	530197
Ion Ratio	100		
Lower	61.8		
Upper	92.6		
83	100		
55	81.3	61.8	92.6
98	45.1	36.6	55.0



#40
Benzene
Concen: 49.787 ug/l
RT: 6.12 min Scan# 825
Delta R.T. 0.01 min
Lab File: VX018105.D
Acq: 27 Aug 2020 20:31

Tgt Ion	78	Resp	1550659
Ion Ratio	100		
Lower	18.2		
Upper	27.2		
78	100		
77	23.1	18.2	27.2

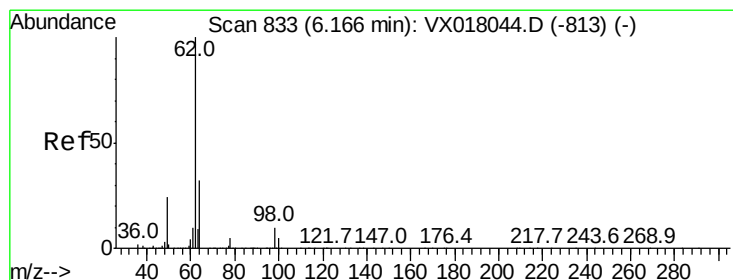
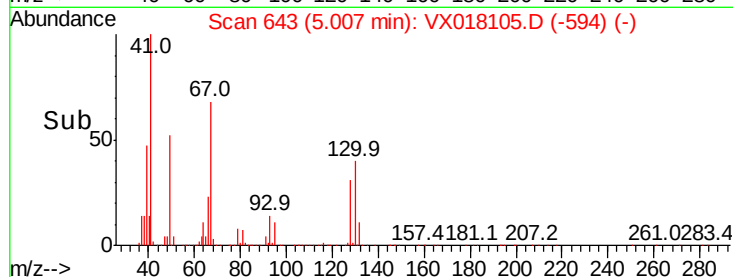
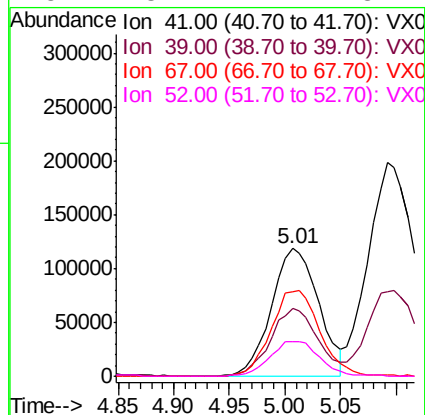
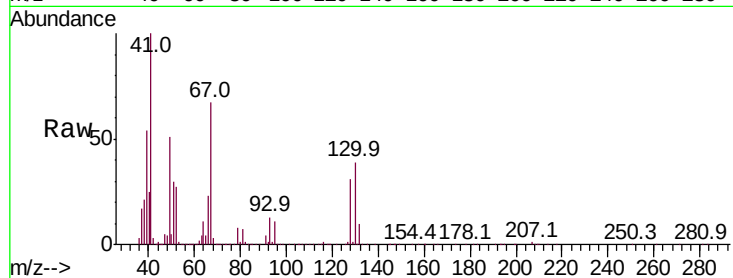




#41
Methacrylonitrile
Concen: 51.798 ug/l
RT: 5.01 min Scan# 643
Delta R.T. -0.00 min
Lab File: VX018105.D
Acq: 27 Aug 2020 20:31

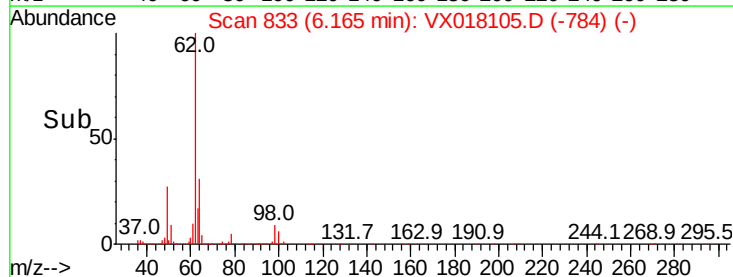
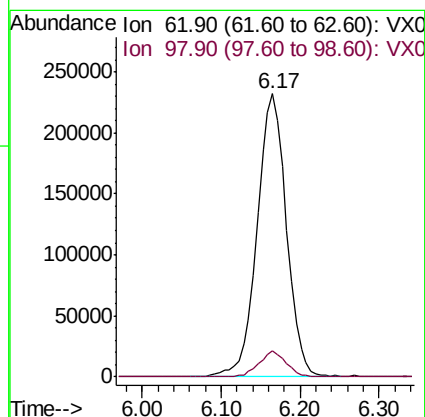
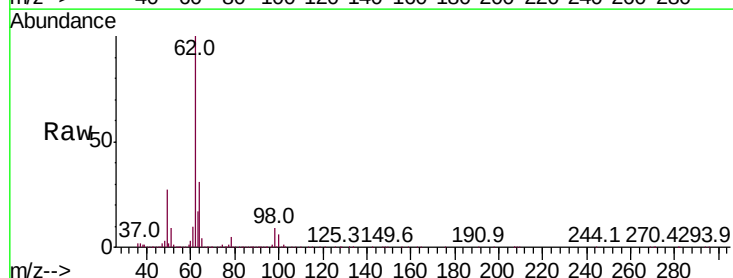
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

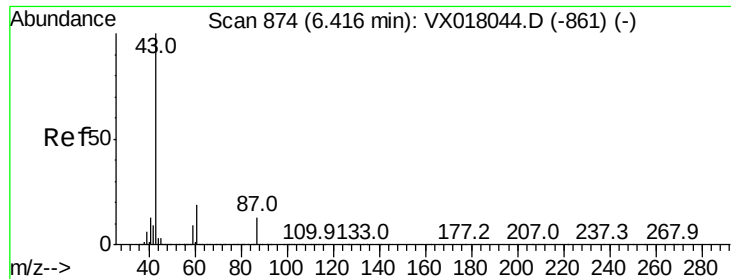
Tot Ion:	41	Resp:	350131
Ion	Ratio	Lower	Upper
41	100		
39	54.4	43.1	64.7
67	69.7	56.0	84.0
52	28.7	22.7	34.1



#42
1,2-Dichloroethane
Concen: 50.185 ug/l
RT: 6.17 min Scan# 833
Delta R.T. -0.00 min
Lab File: VX018105.D
Acq: 27 Aug 2020 20:31

Tgt Ion:	62	Resp:	598867
Ion	Ratio	Lower	Upper
62	100		
98	8.5	0.0	18.2





#43

Isopropyl Acetate

Concen: 52.264 ug/l

RT: 6.42 min Scan# 874

Delta R.T. -0.00 min

Lab File: VX018105.D

Acq: 27 Aug 2020 20:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

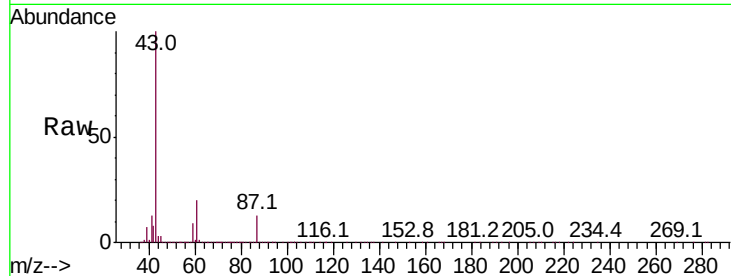
Tot Ion: 43 Resp: 1039239

Ion Ratio Lower Upper

43 100

61 19.6 15.7 23.5

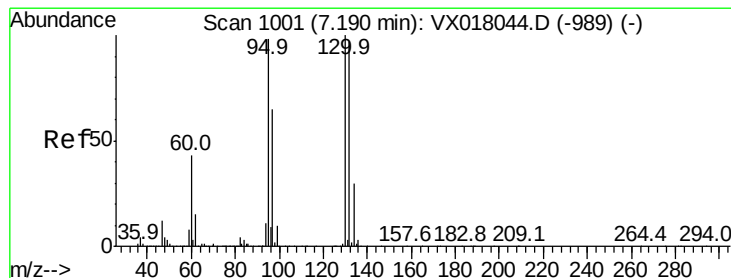
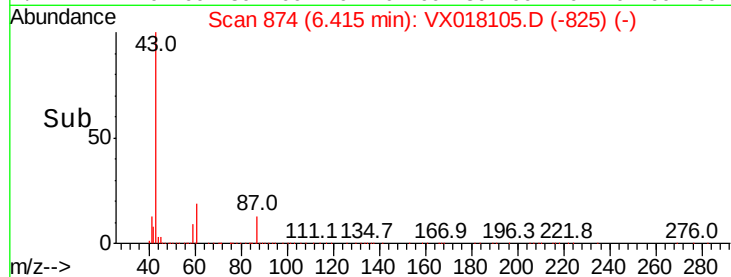
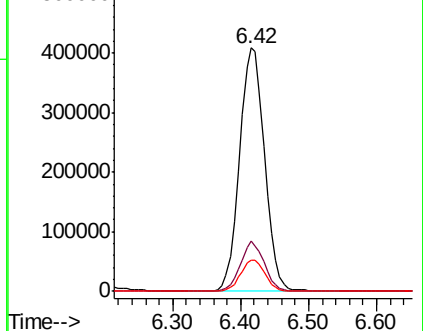
87 12.8 10.3 15.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#44

Trichloroethene

Concen: 48.485 ug/l

RT: 7.19 min Scan# 1001

Delta R.T. -0.00 min

Lab File: VX018105.D

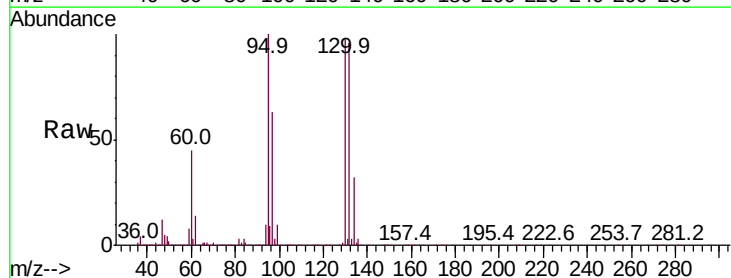
Acq: 27 Aug 2020 20:31

Tgt Ion: 130 Resp: 426699

Ion Ratio Lower Upper

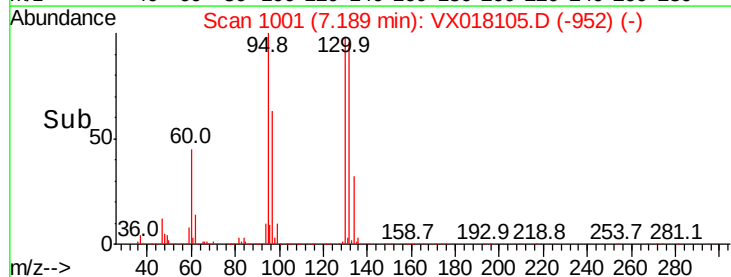
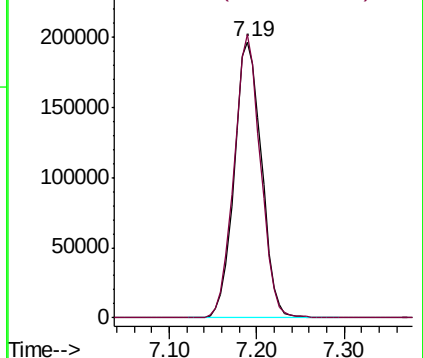
130 100

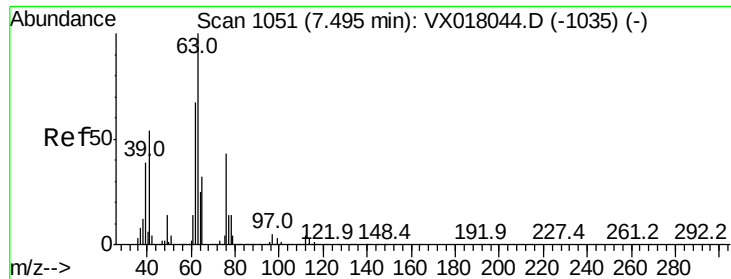
95 102.4 0.0 196.4



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

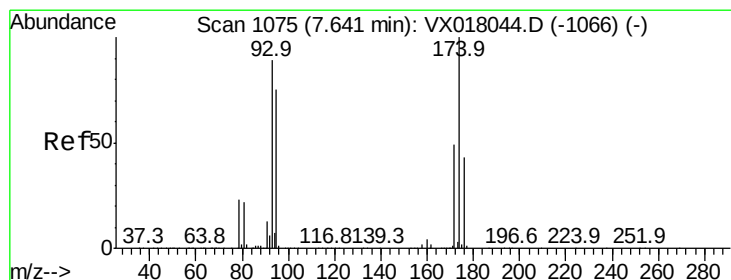
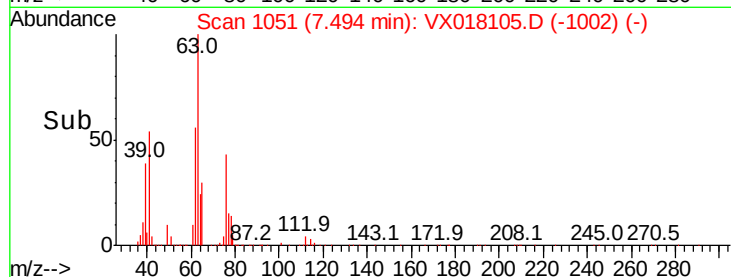
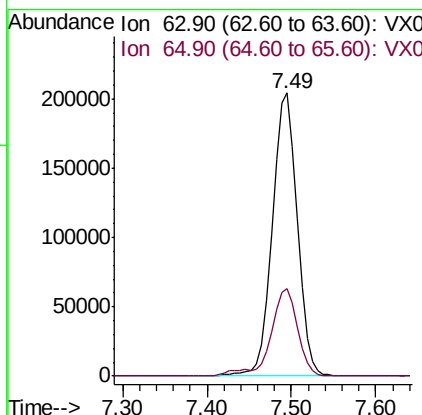
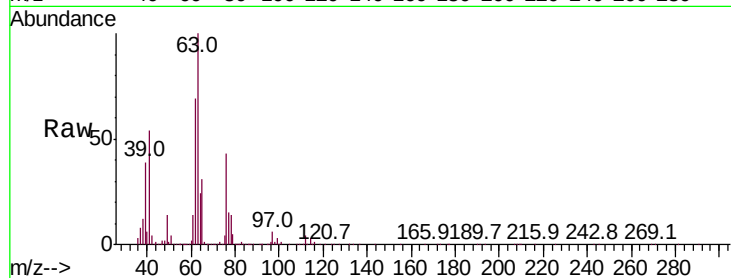




#45
 1,2-Dichloropropane
 Concen: 50.130 ug/l
 RT: 7.49 min Scan# 1051
 Delta R.T. -0.00 min
 Lab File: VX018105.D
 Acq: 27 Aug 2020 20:31

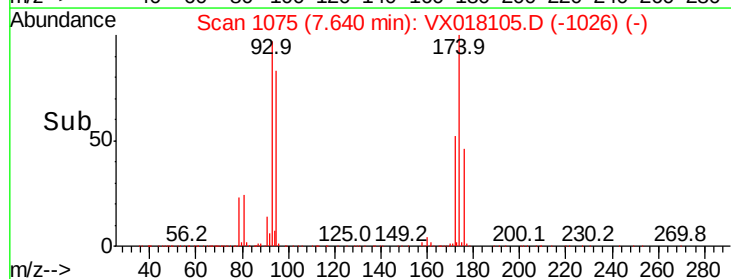
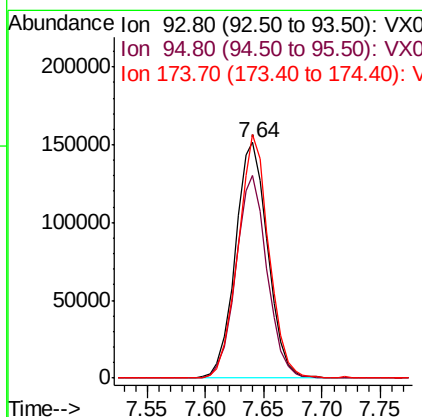
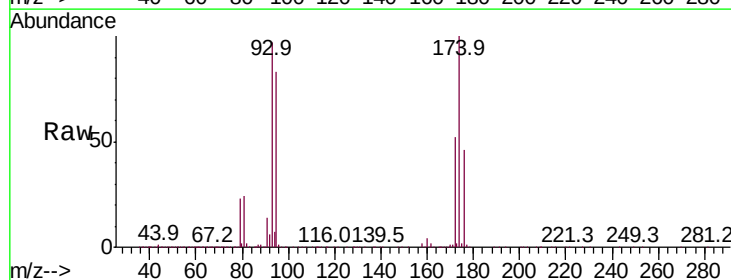
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

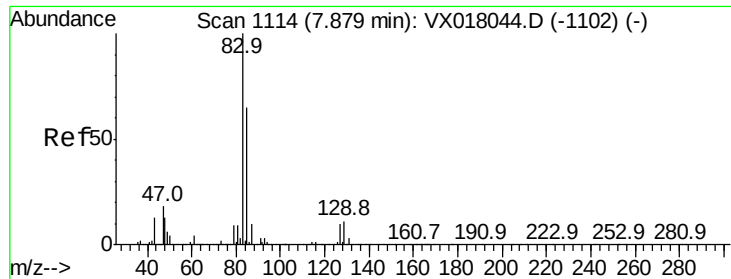
Tot Ion: 63 Resp: 420813
 Ion Ratio Lower Upper
 63 100
 65 31.0 25.7 38.5



#46
 Dibromomethane
 Concen: 49.620 ug/l
 RT: 7.64 min Scan# 1075
 Delta R.T. -0.00 min
 Lab File: VX018105.D
 Acq: 27 Aug 2020 20:31

Tgt Ion: 93 Resp: 292912
 Ion Ratio Lower Upper
 93 100
 95 82.9 67.3 100.9
 174 98.4 82.2 123.2





#47

Bromodichloromethane

Concen: 50.376 ug/l

RT: 7.88 min Scan# 1114

Delta R.T. -0.00 min

Lab File: VX018105.D

Acq: 27 Aug 2020 20:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

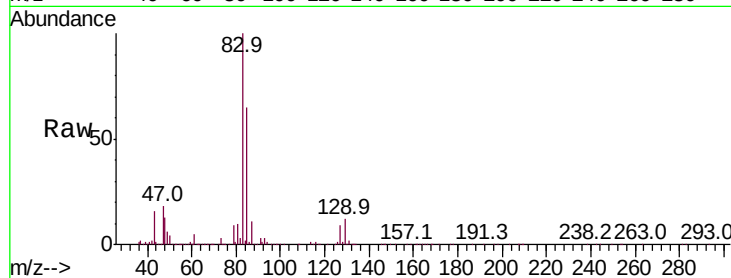
Tot Ion: 83 Resp: 593767

Ion Ratio Lower Upper

83 100

85 65.3 51.8 77.6

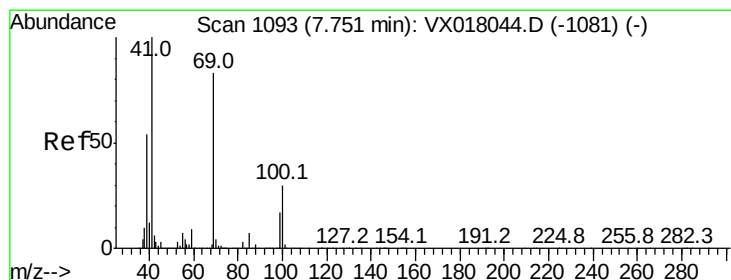
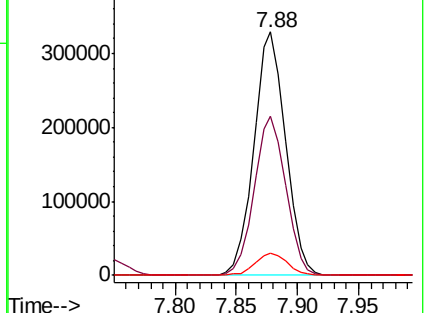
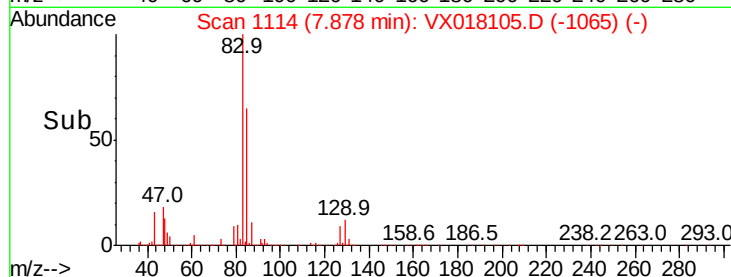
127 8.9 7.7 11.5



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 52.965 ug/l

RT: 7.75 min Scan# 1093

Delta R.T. -0.00 min

Lab File: VX018105.D

Acq: 27 Aug 2020 20:31

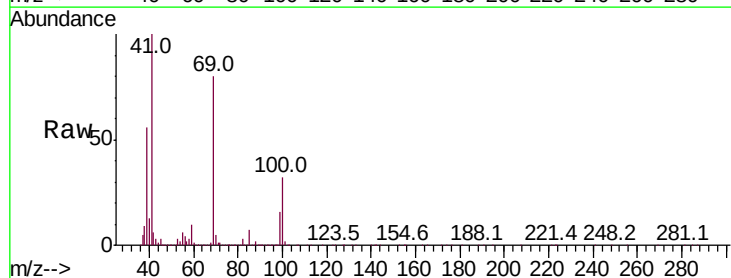
Tgt Ion: 41 Resp: 524286

Ion Ratio Lower Upper

41 100

69 79.1 65.5 98.3

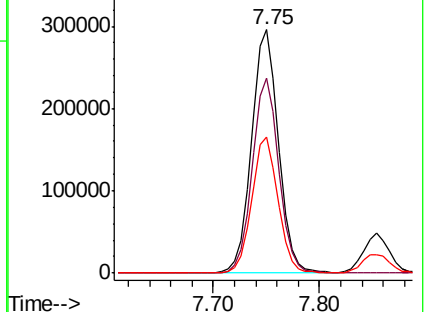
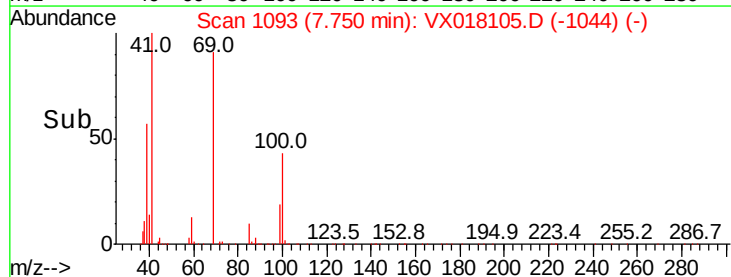
39 54.5 44.5 66.7

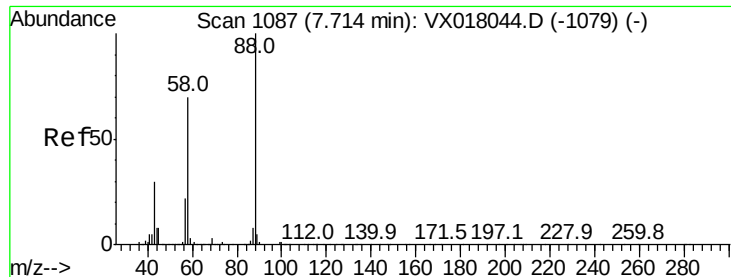


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#49

1,4-Dioxane

Concen: 997.740 ug/l

RT: 7.71 min Scan# 1087

Delta R.T. -0.00 min

Lab File: VX018105.D

Acq: 27 Aug 2020 20:31

Instrument :

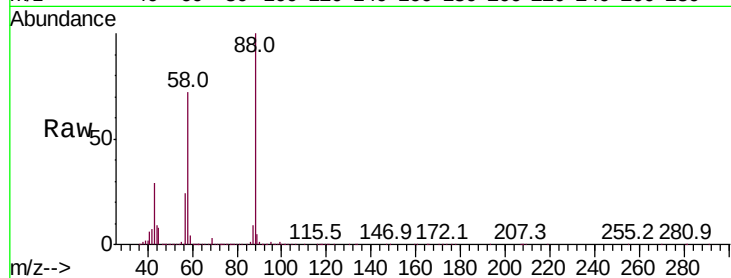
MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 88 Resp: 178900

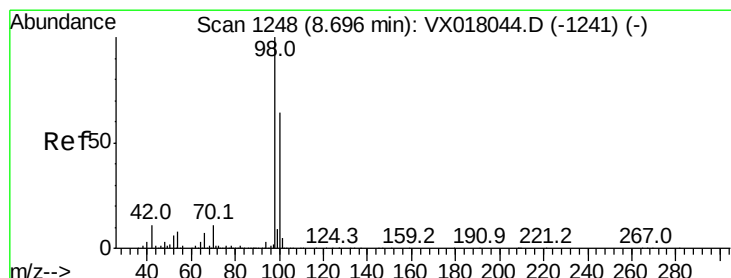
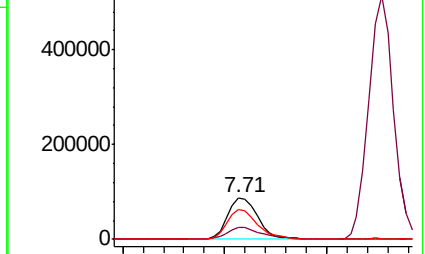
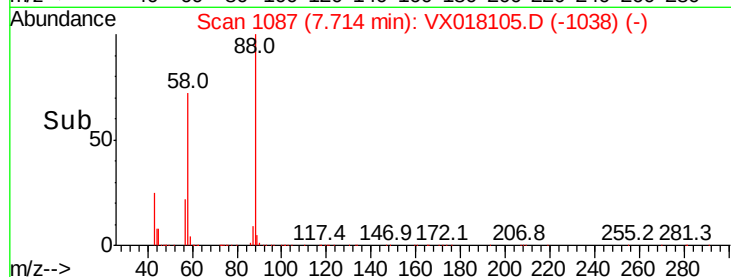
Ion	Ratio	Lower	Upper
88	100		
43	34.6	27.4	41.0
58	73.2	56.4	84.6



Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#50

Toluene-d8

Concen: 51.017 ug/l

RT: 8.70 min Scan# 1248

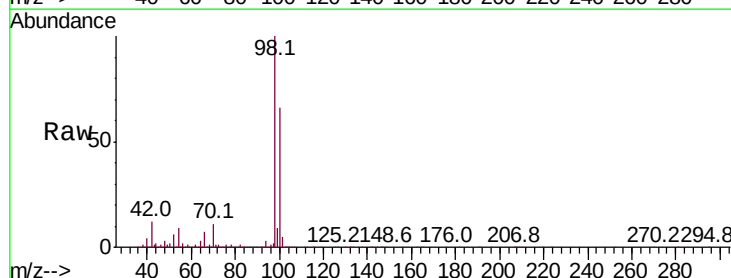
Delta R.T. -0.00 min

Lab File: VX018105.D

Acq: 27 Aug 2020 20:31

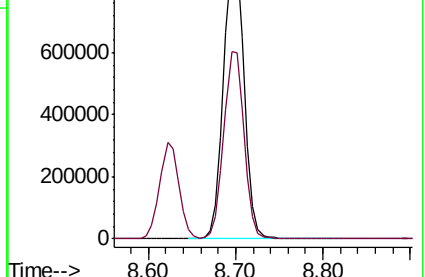
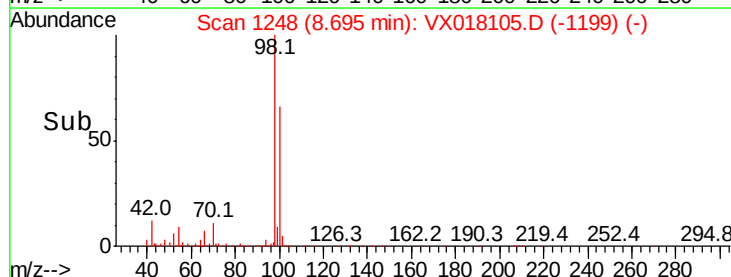
Tgt Ion: 98 Resp: 1487197

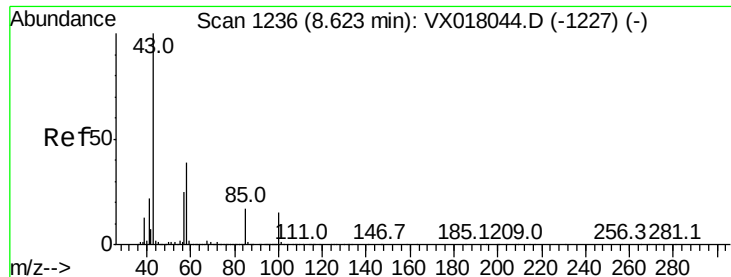
Ion	Ratio	Lower	Upper
98	100		
100	65.4	52.2	78.4



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0

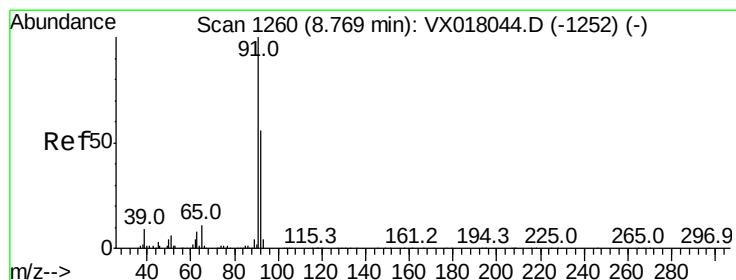
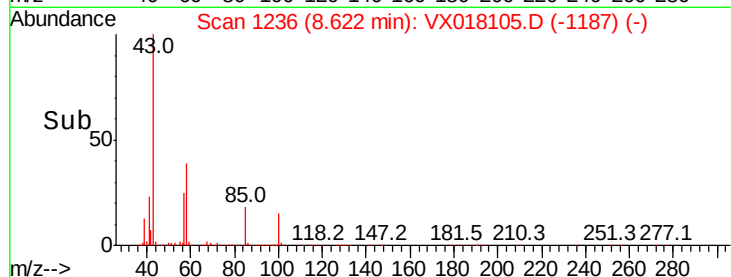
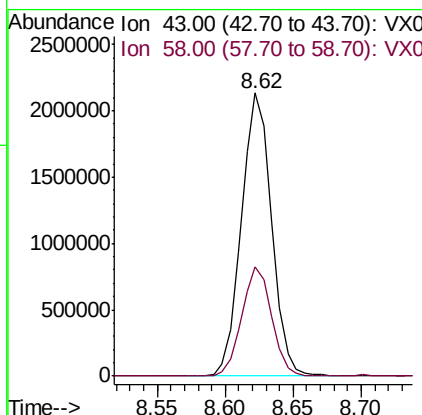
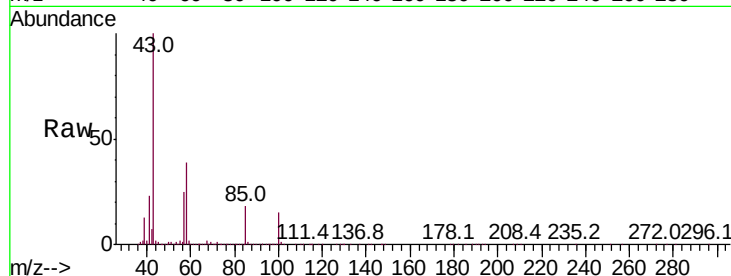




#51
 4-Methyl-2-Pentanone
 Concen: 269.240 ug/l
 RT: 8.62 min Scan# 1236
 Delta R.T. -0.00 min
 Lab File: VX018105.D
 Acq: 27 Aug 2020 20:31

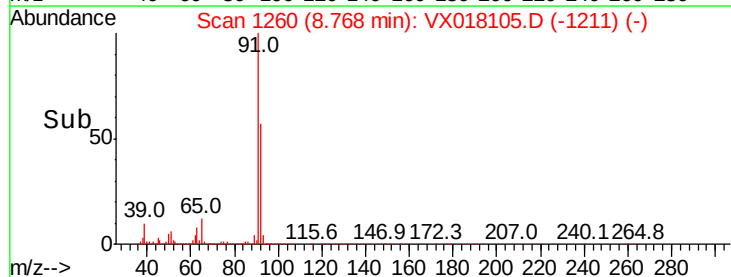
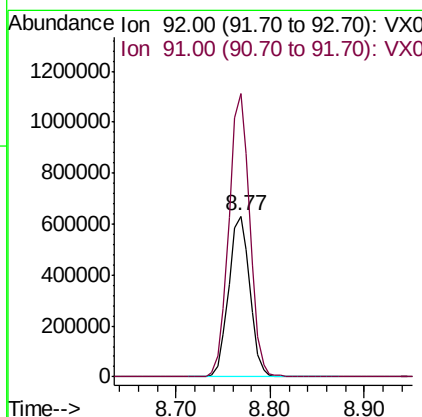
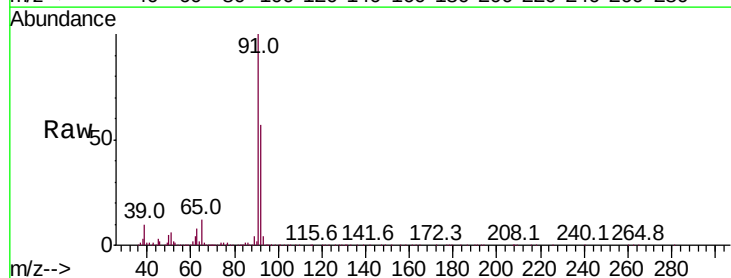
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

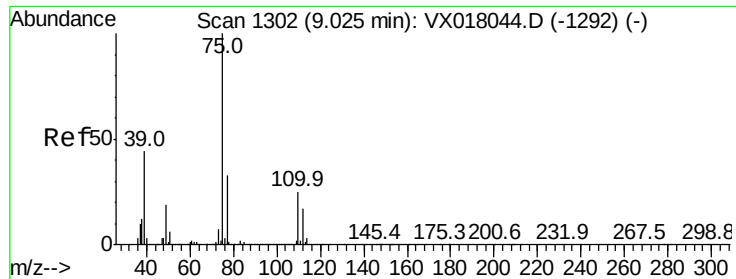
Tot Ion: 43 Resp: 3307017
 Ion Ratio Lower Upper
 43 100
 58 38.1 30.7 46.1



#52
 Toluene
 Concen: 49.857 ug/l
 RT: 8.77 min Scan# 1260
 Delta R.T. -0.00 min
 Lab File: VX018105.D
 Acq: 27 Aug 2020 20:31

Tgt Ion: 92 Resp: 984658
 Ion Ratio Lower Upper
 92 100
 91 173.9 140.3 210.5





#53

t-1,3-Dichloropropene

Concen: 50.581 ug/l

RT: 9.02 min Scan# 1302

Delta R.T. -0.00 min

Lab File: VX018105.D

Acq: 27 Aug 2020 20:31

Instrument :

MSVOA_X

ClientSampleId :

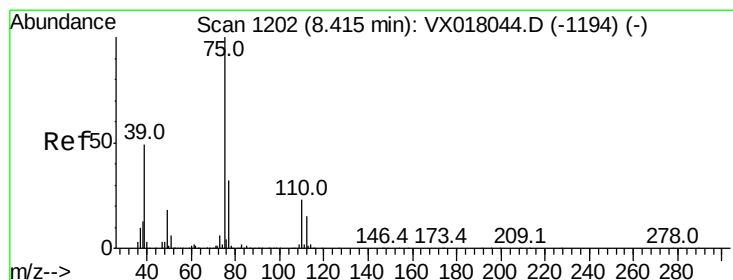
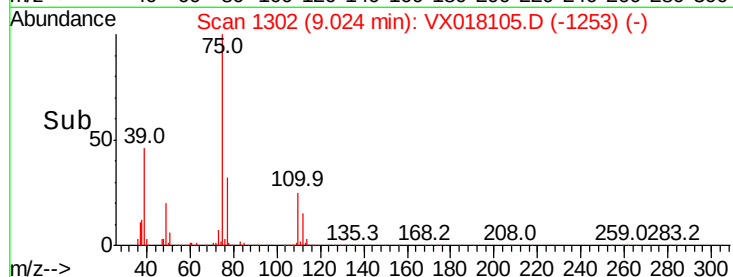
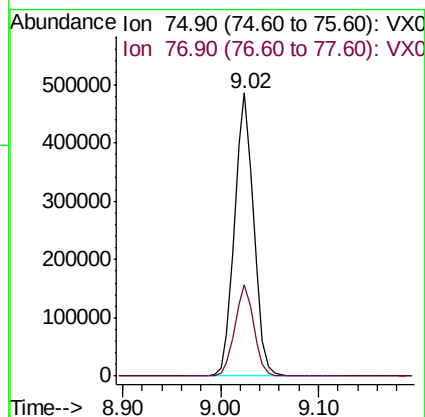
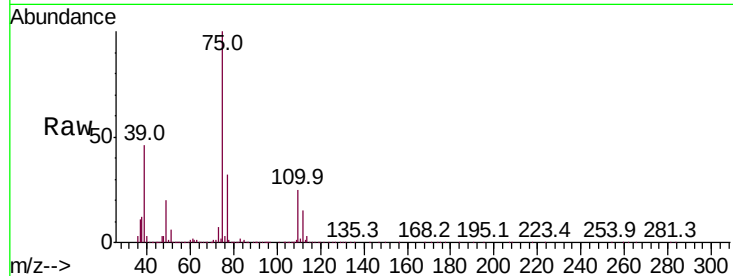
VSTDCCC050EC

Tot Ion: 75 Resp: 660744

Ion Ratio Lower Upper

75 100

77 32.2 26.6 39.8



#54

cis-1,3-Dichloropropene

Concen: 49.354 ug/l

RT: 8.41 min Scan# 1202

Delta R.T. -0.00 min

Lab File: VX018105.D

Acq: 27 Aug 2020 20:31

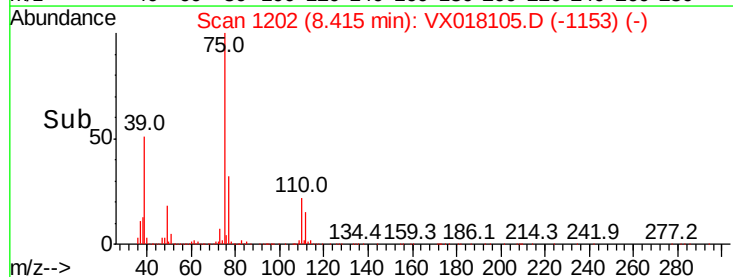
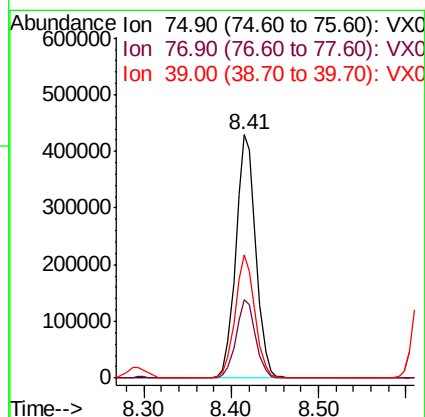
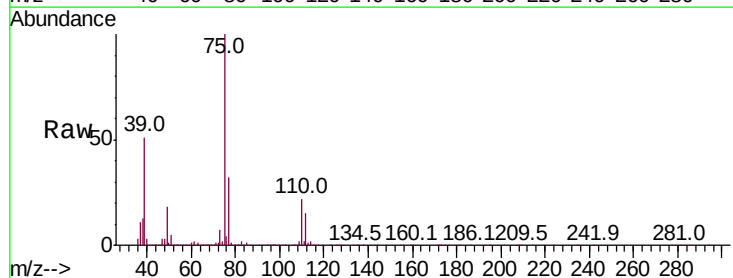
Tgt Ion: 75 Resp: 682978

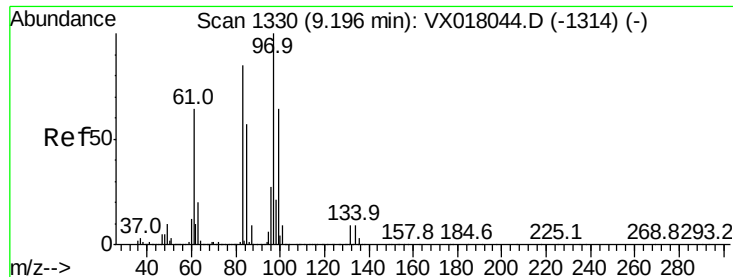
Ion Ratio Lower Upper

75 100

77 32.0 25.8 38.8

39 50.4 38.8 58.2





#55

1,1,2-Trichloroethane

Concen: 50.047 ug/l

RT: 9.20 min Scan# 1330

Delta R.T. -0.00 min

Lab File: VX018105.D

Acq: 27 Aug 2020 20:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 97 Resp: 421553

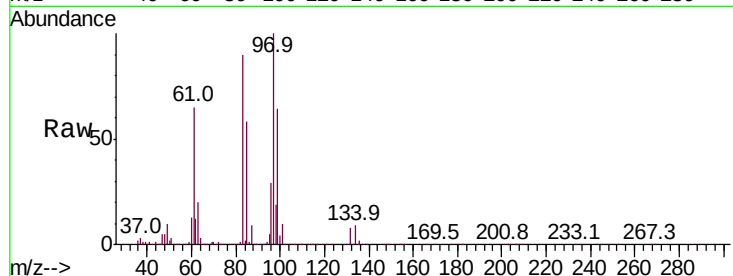
Ion Ratio Lower Upper

97 100

83 90.0 67.8 101.6

85 57.7 45.3 67.9

99 64.1 50.9 76.3

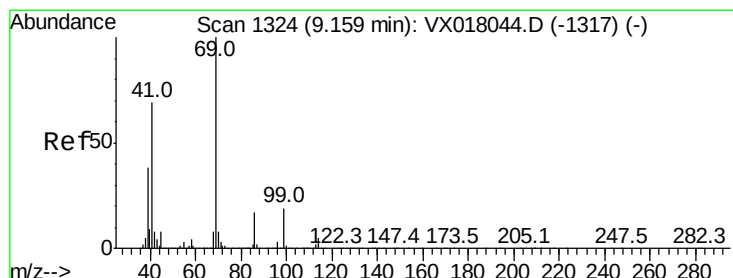
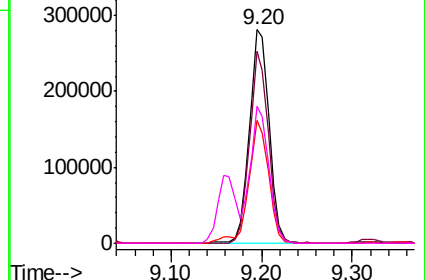
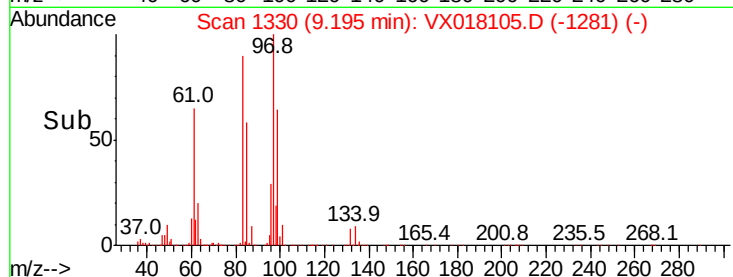


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0



#56

Ethyl methacrylate

Concen: 53.125 ug/l

RT: 9.16 min Scan# 1324

Delta R.T. -0.00 min

Lab File: VX018105.D

Acq: 27 Aug 2020 20:31

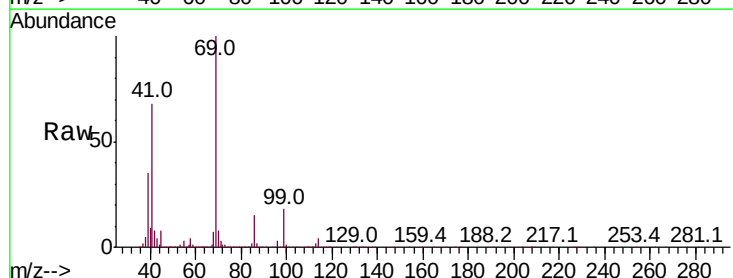
Tgt Ion: 69 Resp: 665221

Ion Ratio Lower Upper

69 100

41 69.1 54.6 81.8

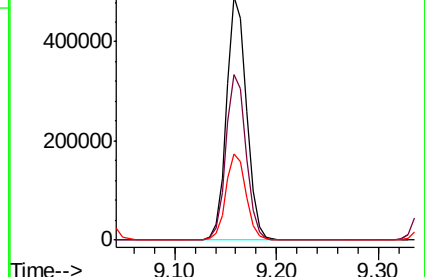
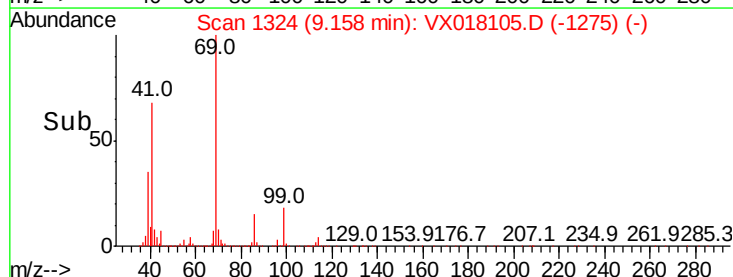
39 35.7 29.1 43.7

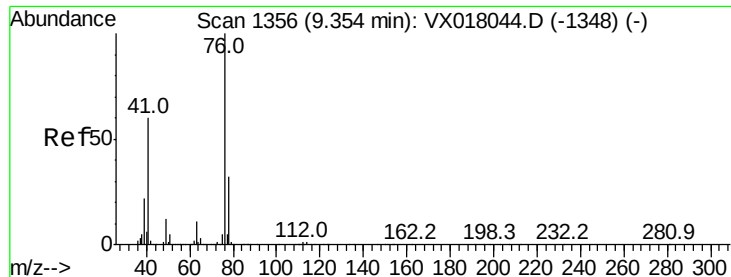


Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#57

1,3-Dichloropropane

Concen: 50.751 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. -0.00 min

Lab File: VX018105.D

Acq: 27 Aug 2020 20:31

Instrument :

MSVOA_X

ClientSampleId :

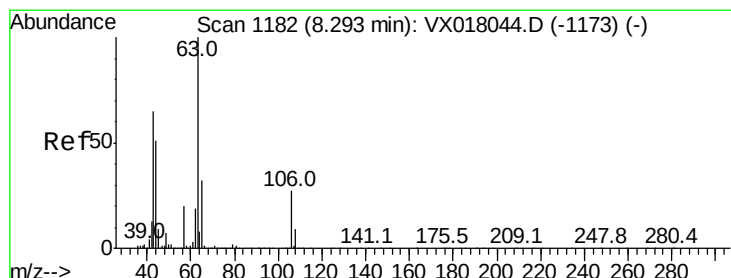
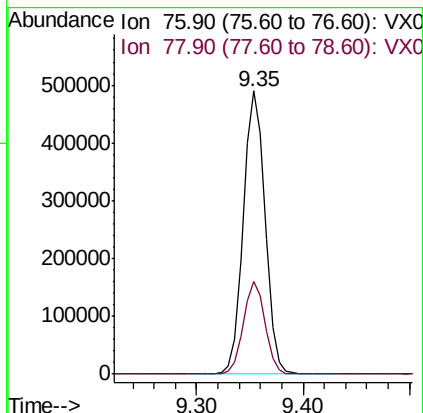
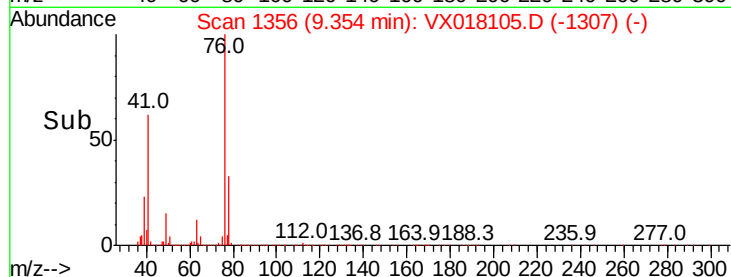
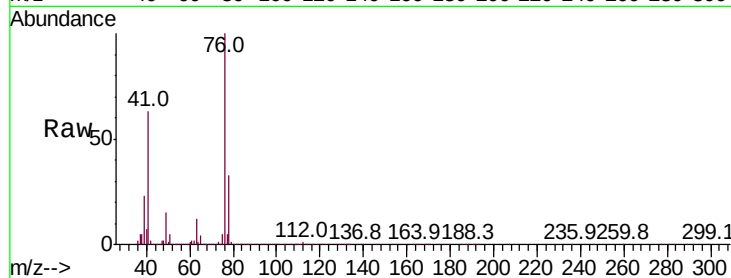
VSTDCCC050EC

Tot Ion: 76 Resp: 705073

Ion Ratio Lower Upper

76 100

78 32.5 25.8 38.6



#58

2-Chloroethyl Vinyl ether

Concen: 256.302 ug/l

RT: 8.29 min Scan# 1182

Delta R.T. -0.00 min

Lab File: VX018105.D

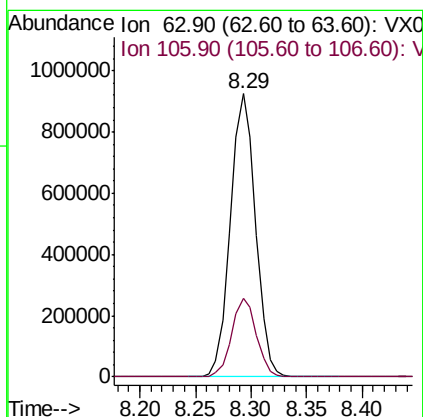
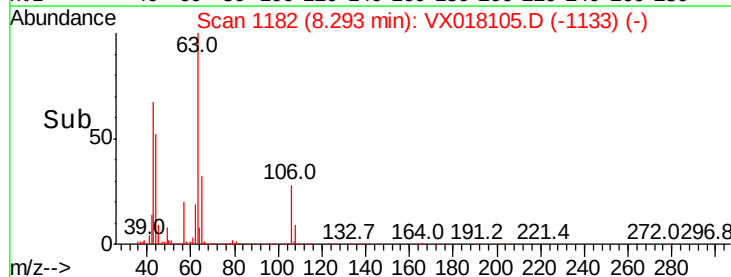
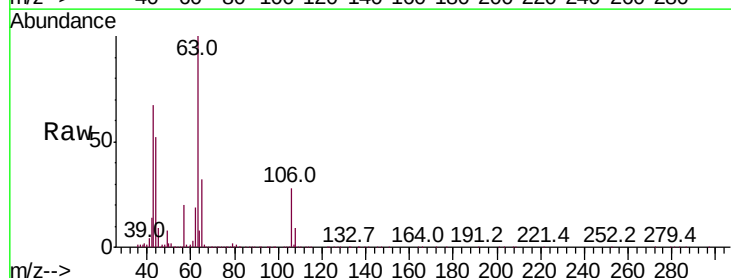
Acq: 27 Aug 2020 20:31

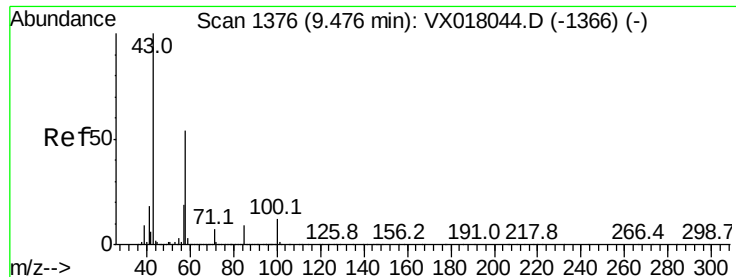
Tgt Ion: 63 Resp: 1443723

Ion Ratio Lower Upper

63 100

106 27.4 22.1 33.1

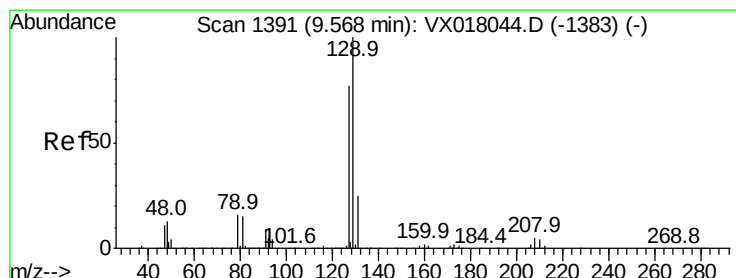
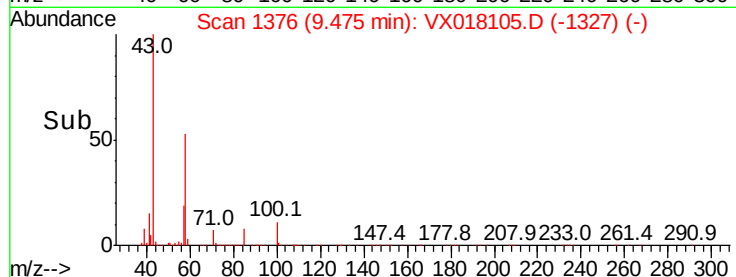
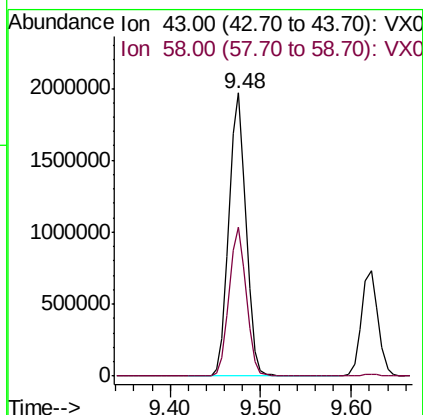
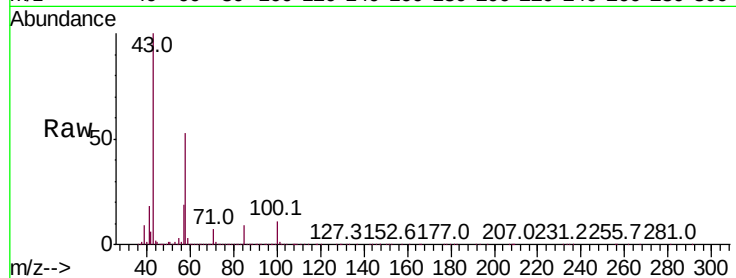




#59
2-Hexanone
Concen: 275.969 ug/l
RT: 9.48 min Scan# 1376
Delta R.T. -0.00 min
Lab File: VX018105.D
Acq: 27 Aug 2020 20:31

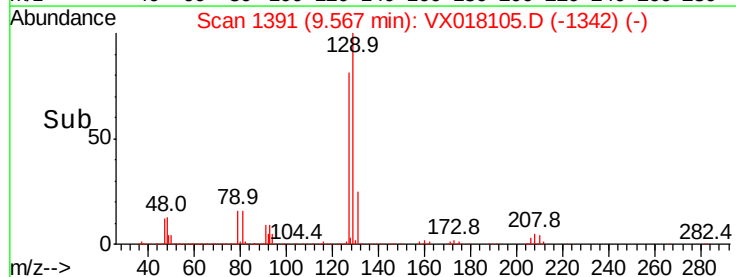
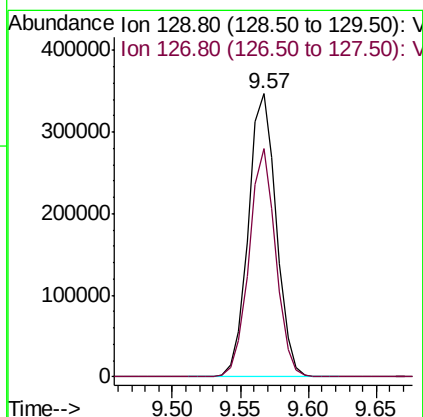
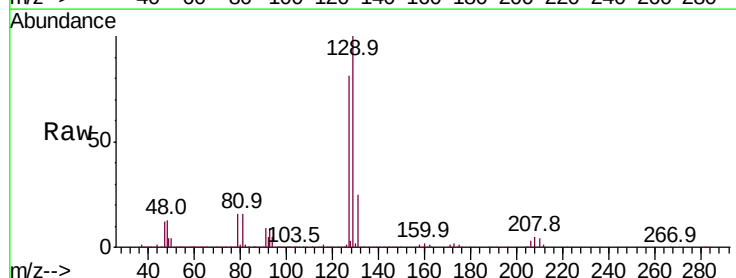
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

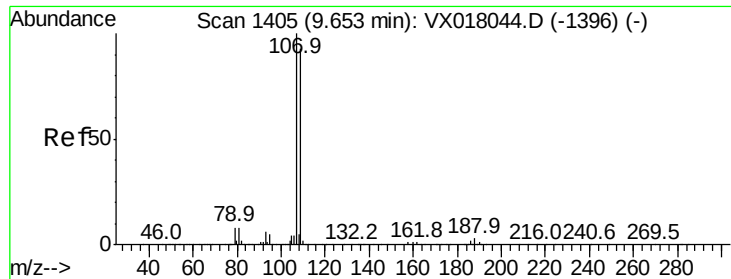
Tot Ion: 43 Resp: 2577458
Ion Ratio Lower Upper
43 100
58 52.9 26.6 79.7



#60
Dibromochloromethane
Concen: 50.588 ug/l
RT: 9.57 min Scan# 1391
Delta R.T. -0.00 min
Lab File: VX018105.D
Acq: 27 Aug 2020 20:31

Tgt Ion: 129 Resp: 499858
Ion Ratio Lower Upper
129 100
127 77.2 38.9 116.6





#61

1,2-Dibromoethane

Concen: 50.104 ug/l

RT: 9.66 min Scan# 1406

Delta R.T. 0.01 min

Lab File: VX018105.D

Acq: 27 Aug 2020 20:31

Instrument :

MSVOA_X

ClientSampleId :

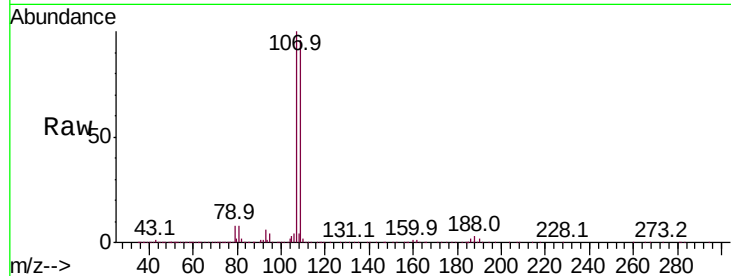
VSTDCCC050EC

Tot Ion:107 Resp: 458188

Ion Ratio Lower Upper

107 100

109 94.7 75.9 113.9



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.66

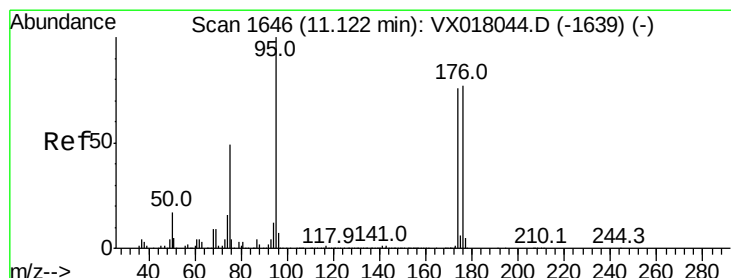
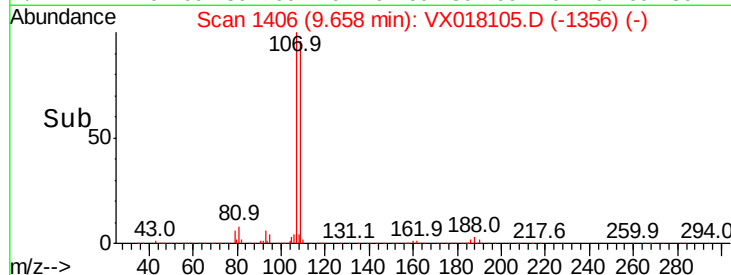
300000

200000

100000

0

Time--> 9.55 9.60 9.65 9.70 9.75



#62

4-Bromofluorobenzene

Concen: 50.024 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX018105.D

Acq: 27 Aug 2020 20:31

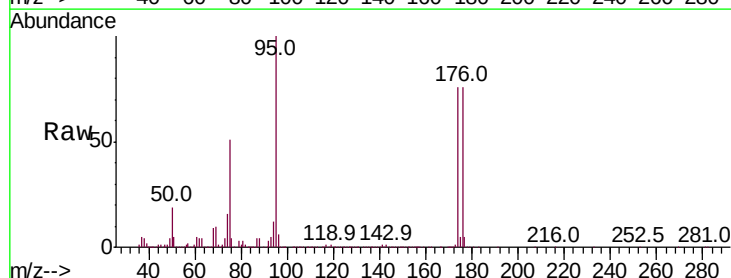
Tgt Ion: 95 Resp: 573737

Ion Ratio Lower Upper

95 100

174 75.6 0.0 160.2

176 73.6 0.0 155.8



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

600000

500000

400000

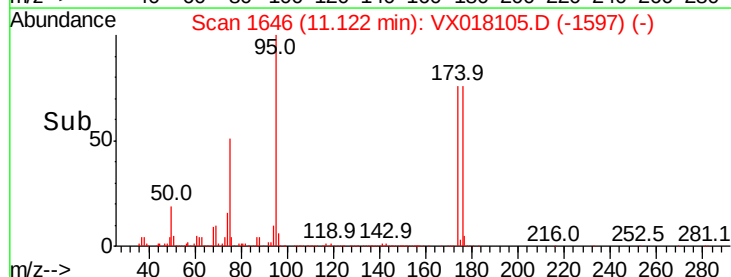
300000

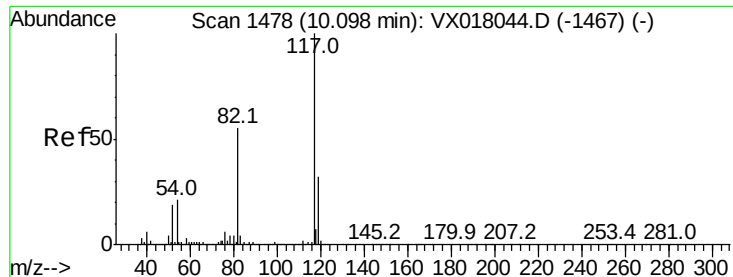
200000

100000

0

Time--> 11.10 11.20

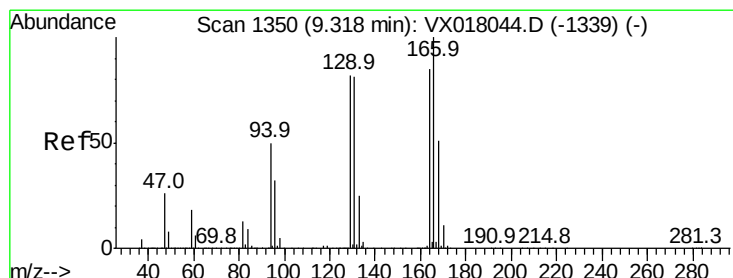
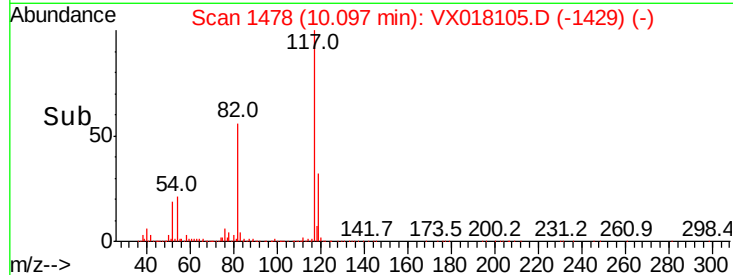
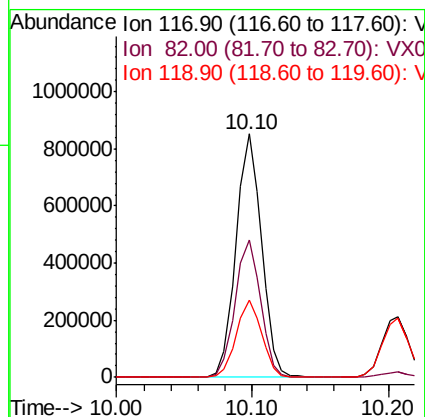
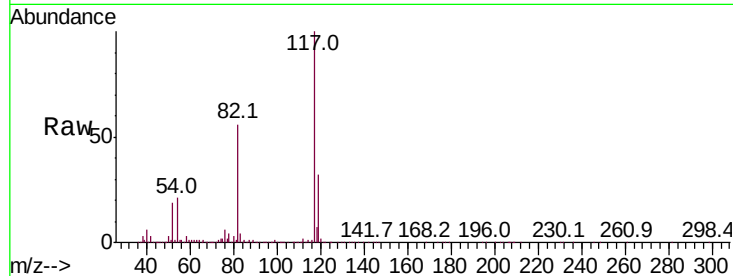




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX018105.D
Acq: 27 Aug 2020 20:31

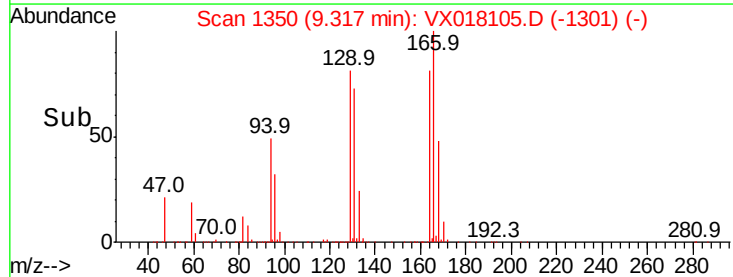
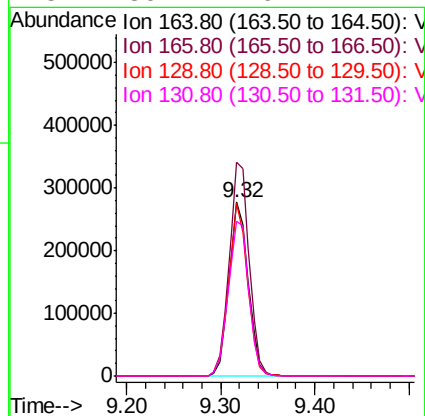
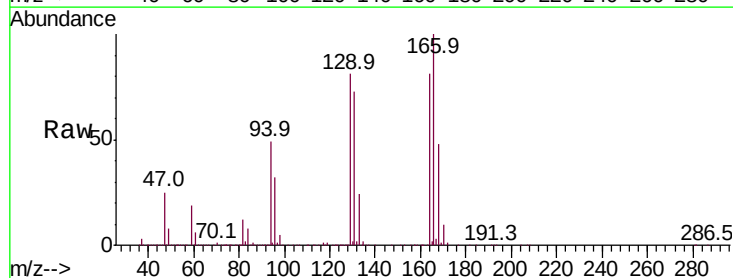
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

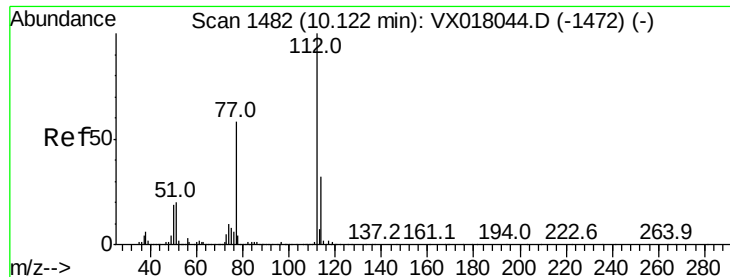
Tot Ion:117 Resp: 1115610
Ion Ratio Lower Upper
117 100
82 56.4 44.2 66.2
119 31.7 25.7 38.5



#64
Tetrachloroethene
Concen: 48.244 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX018105.D
Acq: 27 Aug 2020 20:31

Tgt Ion:164 Resp: 395516
Ion Ratio Lower Upper
164 100
166 122.9 94.2 141.2
129 99.7 76.9 115.3
131 89.4 76.1 114.1





#65

Chlorobenzene

Concen: 49.652 ug/l

RT: 10.12 min Scan# 1482

Delta R.T. -0.00 min

Lab File: VX018105.D

Acq: 27 Aug 2020 20:31

Instrument :

MSVOA_X

ClientSampleId :

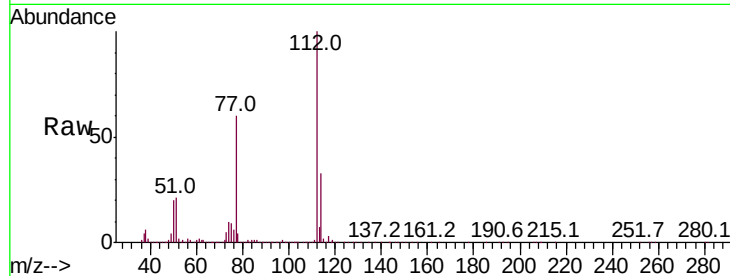
VSTDCCC050EC

Tot Ion:112 Resp: 1106300

Ion Ratio Lower Upper

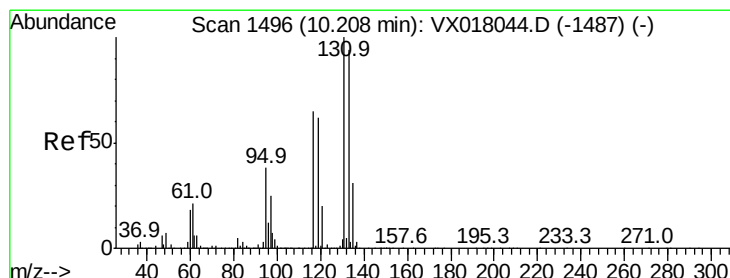
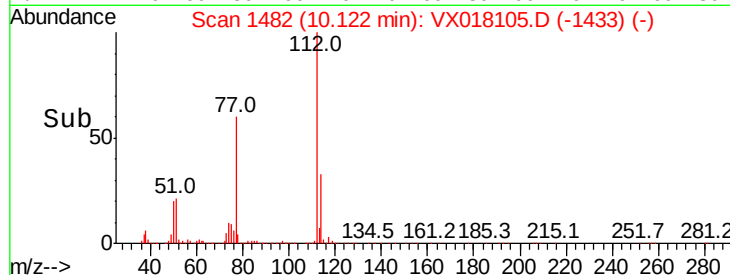
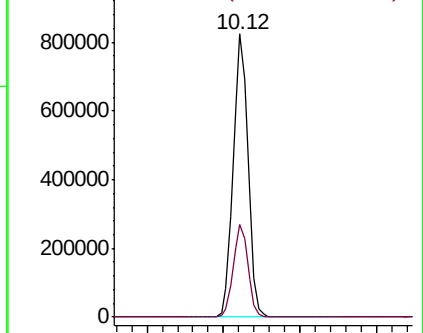
112 100

114 32.7 25.7 38.5



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 48.743 ug/l

RT: 10.21 min Scan# 1496

Delta R.T. -0.00 min

Lab File: VX018105.D

Acq: 27 Aug 2020 20:31

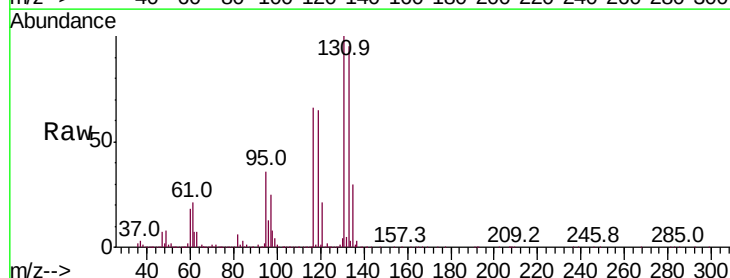
Tgt Ion:131 Resp: 428051

Ion Ratio Lower Upper

131 100

133 97.4 46.7 140.1

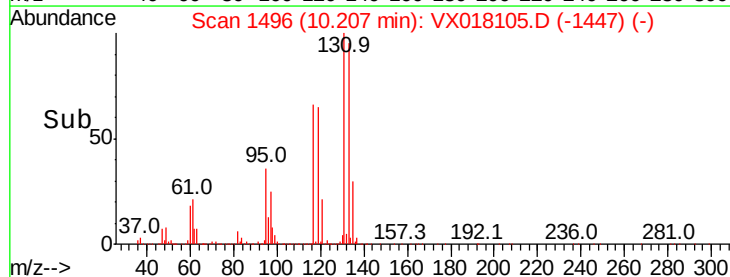
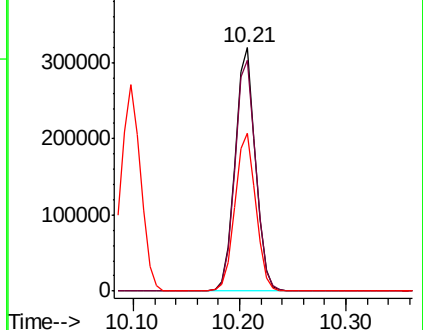
119 66.2 31.8 95.4

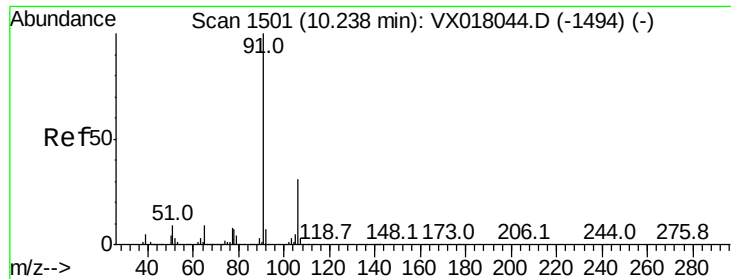


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

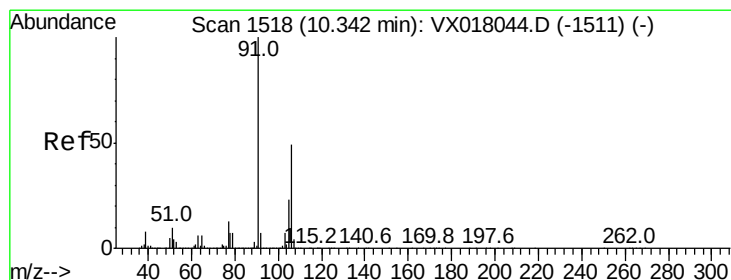
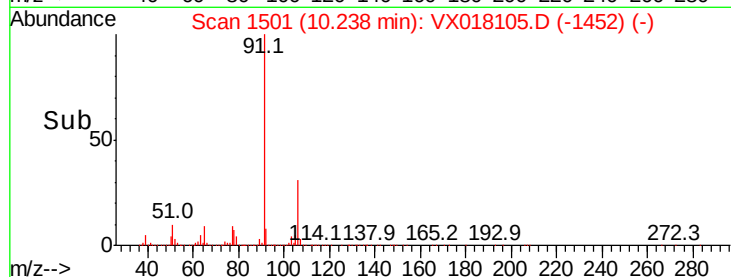
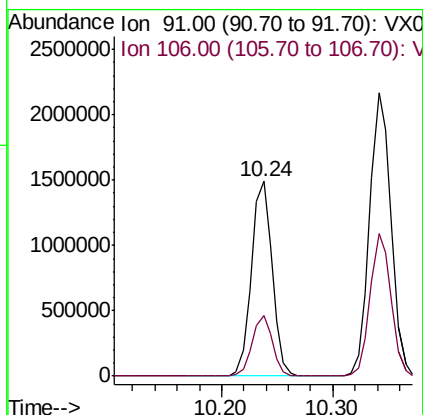
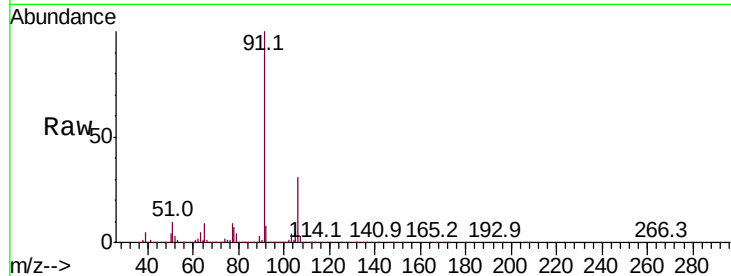




#67
Ethyl Benzene
Concen: 50.980 ug/l
RT: 10.24 min Scan# 1501
Delta R.T. -0.00 min
Lab File: VX018105.D
Acq: 27 Aug 2020 20:31

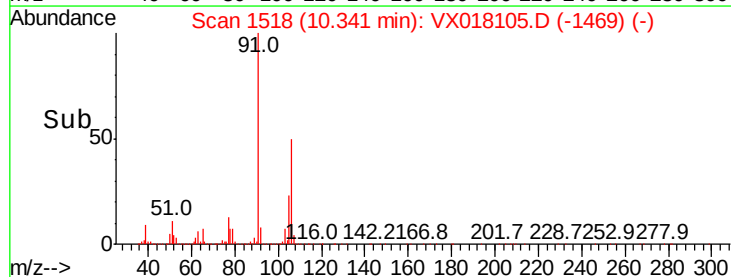
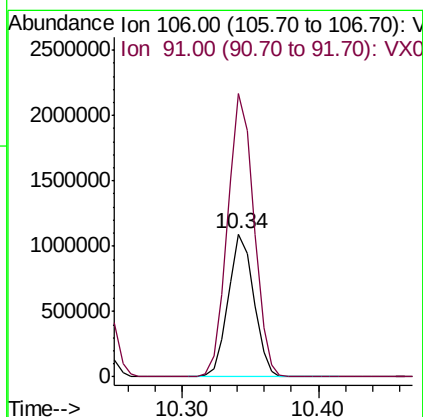
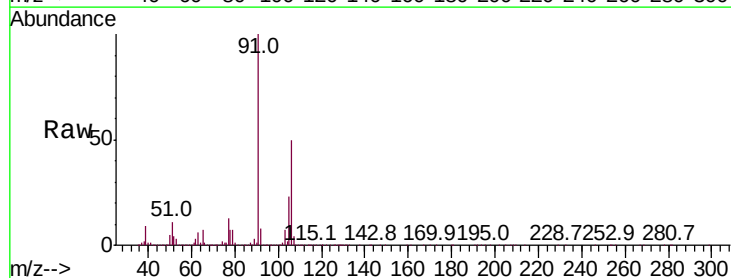
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

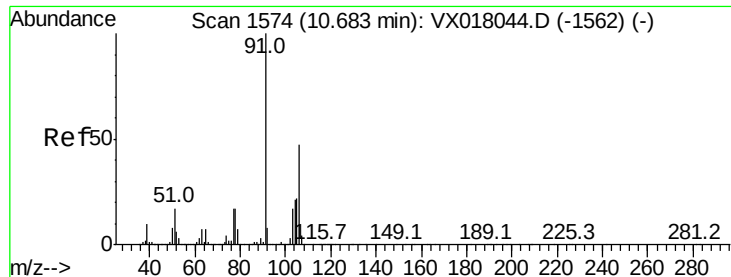
Tot Ion: 91 Resp: 1931686
Ion Ratio Lower Upper
91 100
106 31.3 24.9 37.3



#68
m/p-Xylenes
Concen: 101.496 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. -0.00 min
Lab File: VX018105.D
Acq: 27 Aug 2020 20:31

Tgt Ion: 106 Resp: 1435440
Ion Ratio Lower Upper
106 100
91 203.1 162.2 243.2

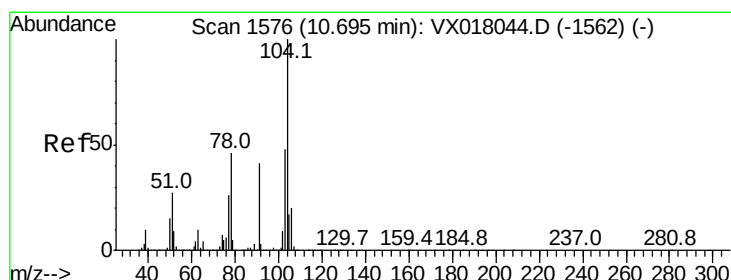
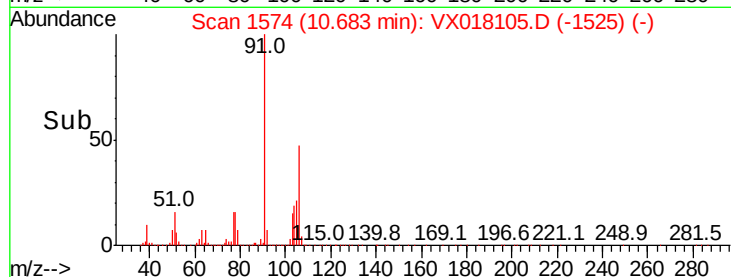
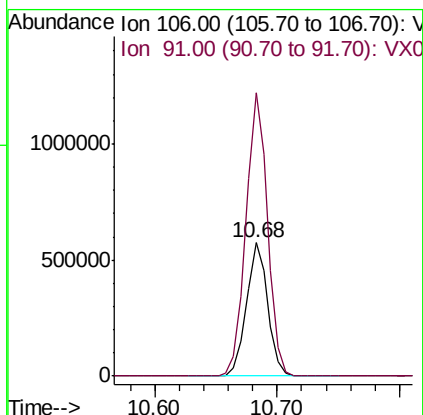
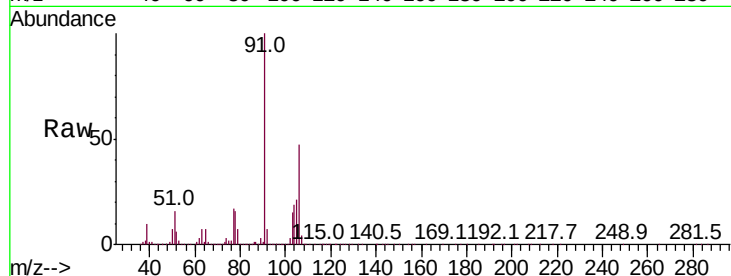




#69
o-Xylene
Concen: 50.326 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX018105.D
Acq: 27 Aug 2020 20:31

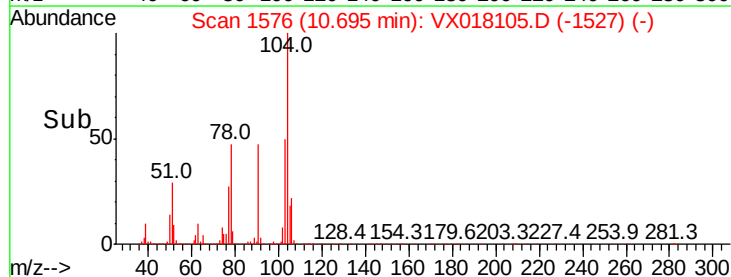
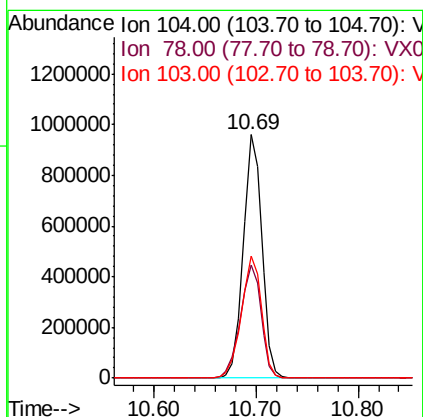
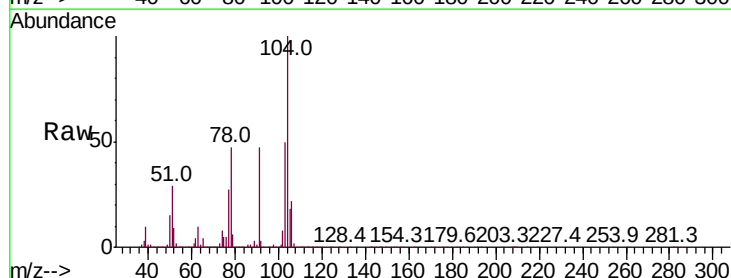
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

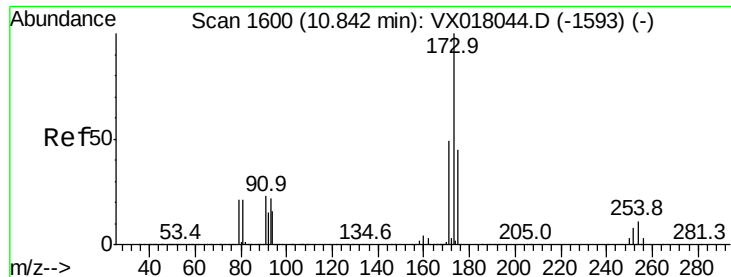
Tot Ion:106 Resp: 689963
Ion Ratio Lower Upper
106 100
91 216.3 107.1 321.3



#70
Styrene
Concen: 51.760 ug/l
RT: 10.69 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX018105.D
Acq: 27 Aug 2020 20:31

Tgt Ion:104 Resp: 1208470
Ion Ratio Lower Upper
104 100
78 51.6 40.9 61.3
103 54.4 43.6 65.4





#71

Bromoform

Concen: 49.790 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VX018105.D

Acq: 27 Aug 2020 20:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

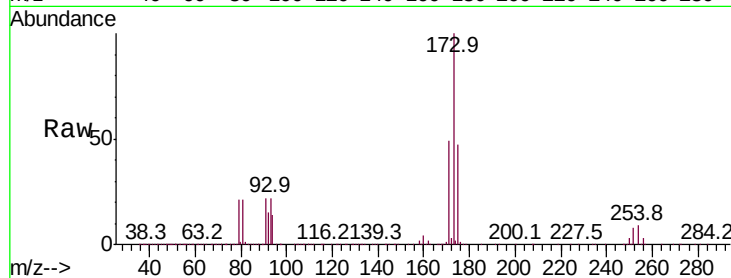
Tot Ion:173 Resp: 372954

Ion Ratio Lower Upper

173 100

175 47.9 23.9 71.8

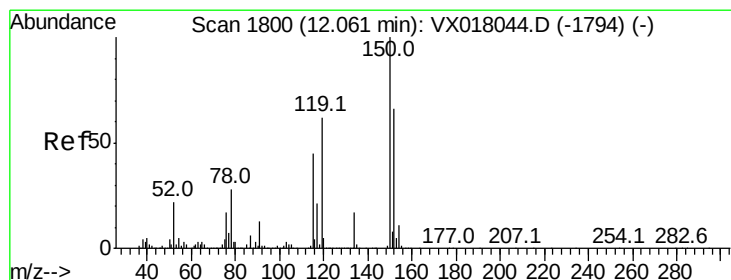
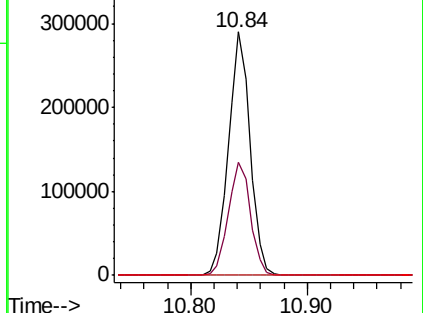
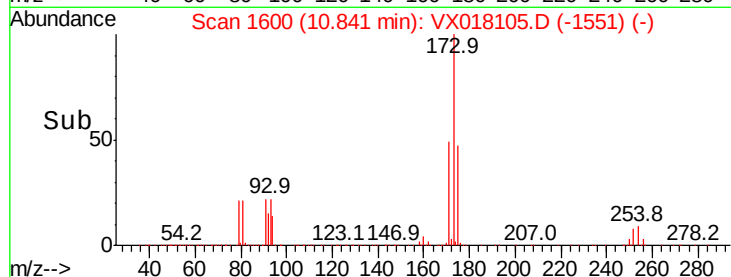
254 0.2 0.2 0.2



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VX018105.D

Acq: 27 Aug 2020 20:31

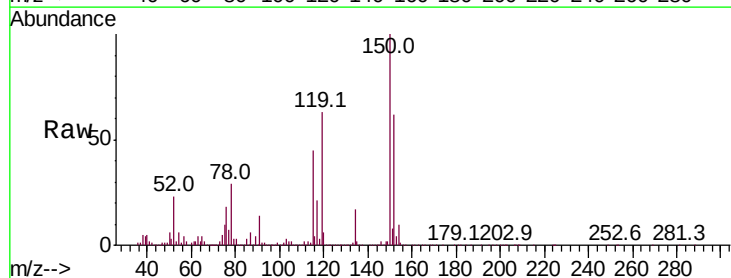
Tgt Ion:152 Resp: 511241

Ion Ratio Lower Upper

152 100

115 82.6 41.5 124.5

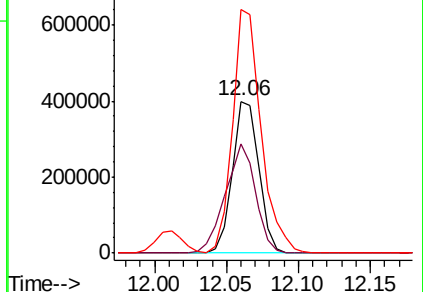
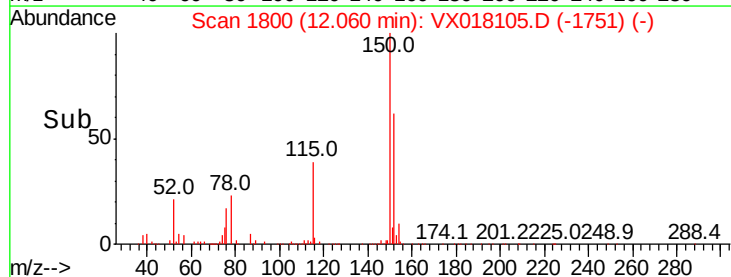
150 173.5 0.0 343.8

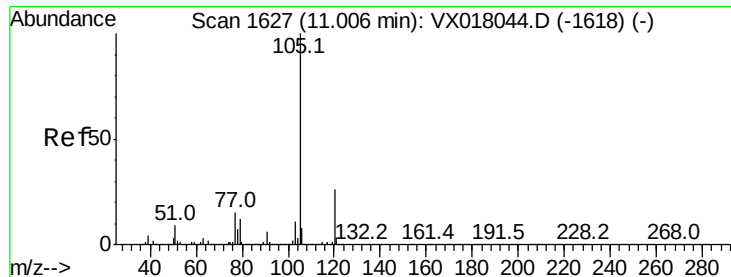


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 53.278 ug/l

RT: 11.01 min Scan# 1627

Delta R.T. -0.00 min

Lab File: VX018105.D

Acq: 27 Aug 2020 20:31

Instrument :

MSVOA_X

ClientSampleId :

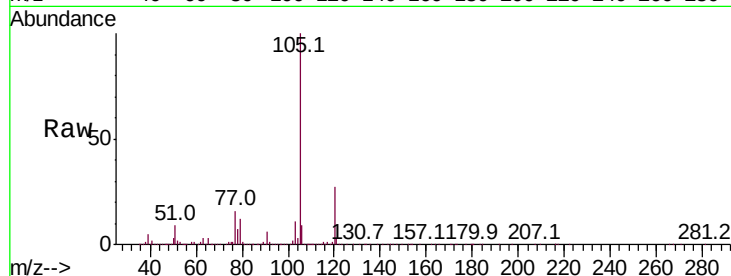
VSTDCCC050EC

Tot Ion:105 Resp: 1796634

Ion Ratio Lower Upper

105 100

120 26.6 13.2 39.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

11.01

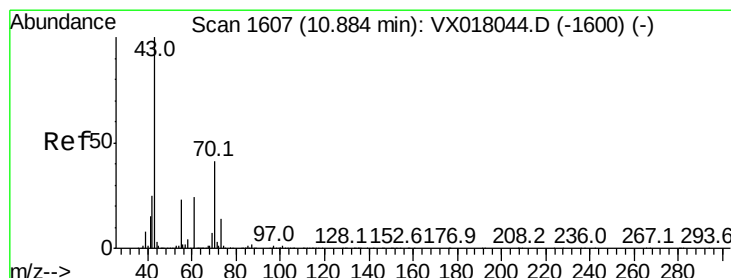
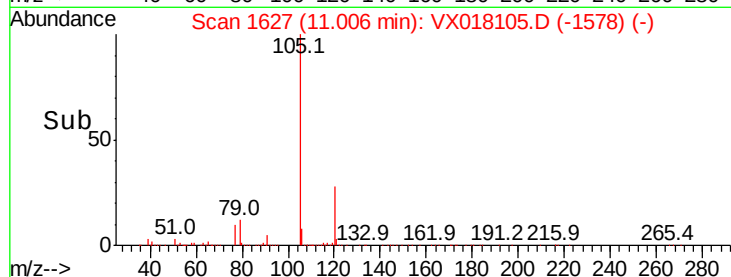
1500000

1000000

500000

0

Time--> 10.90 11.00 11.10



#74

N-ethyl acetate

Concen: 58.472 ug/l

RT: 10.88 min Scan# 1607

Delta R.T. -0.00 min

Lab File: VX018105.D

Acq: 27 Aug 2020 20:31

Tgt Ion: 43 Resp: 935546

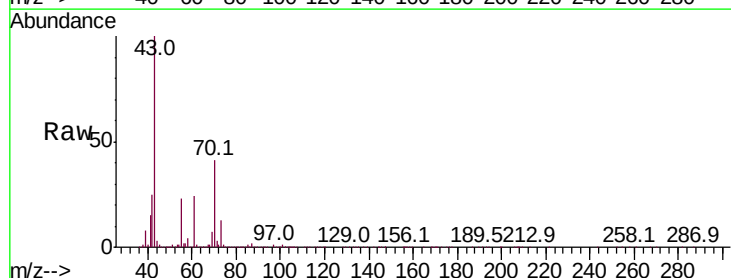
Ion Ratio Lower Upper

43 100

70 39.6 32.3 48.5

55 22.7 18.2 27.2

61 23.4 18.9 28.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

1200000

1000000

800000

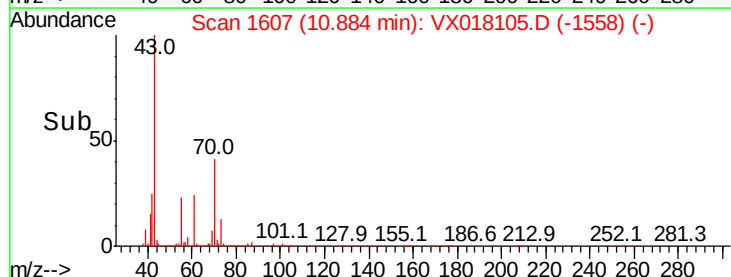
600000

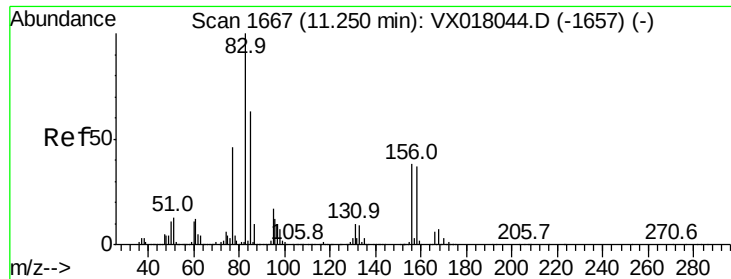
400000

200000

0

Time--> 10.80 10.90 11.00





#75

1,1,2,2-Tetrachloroethane

Concen: 50.582 ug/l

RT: 11.26 min Scan# 1668

Delta R.T. 0.01 min

Lab File: VX018105.D

Acq: 27 Aug 2020 20:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

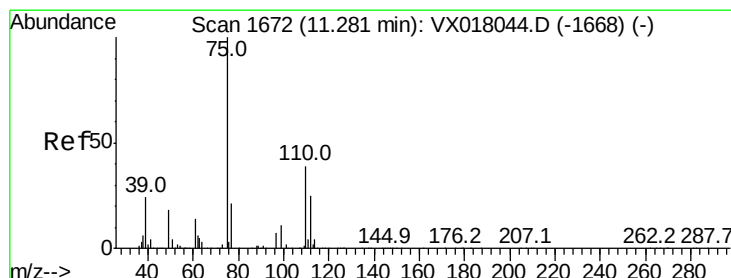
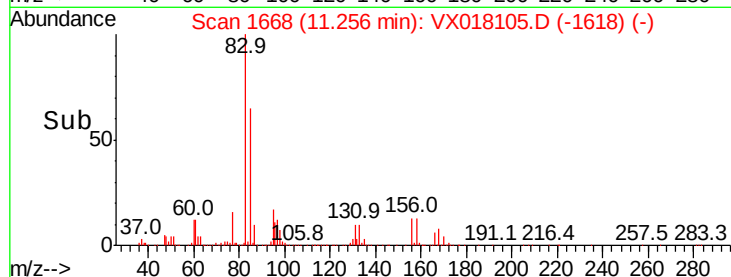
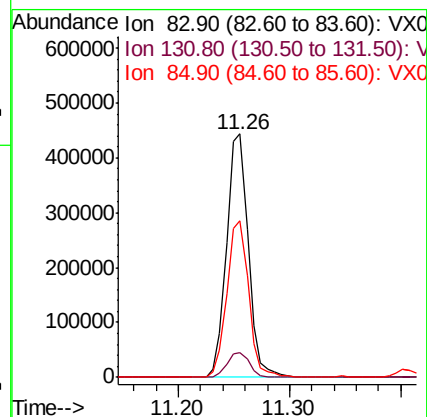
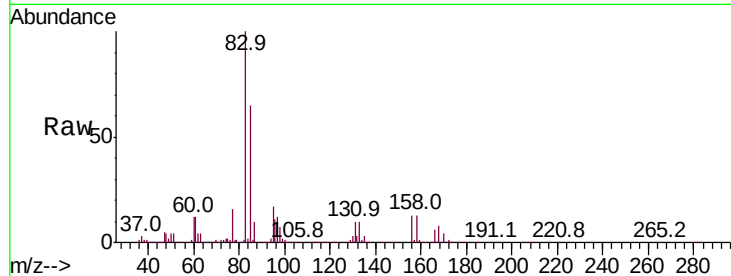
Tot Ion: 83 Resp: 601724

Ion Ratio Lower Upper

83 100

131 10.6 5.1 15.4

85 64.5 32.2 96.6



#76

1,2,3-Trichloropropane

Concen: 66.153 ug/l

RT: 11.28 min Scan# 1672

Delta R.T. -0.00 min

Lab File: VX018105.D

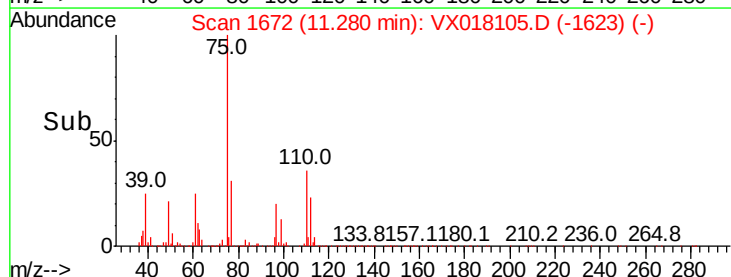
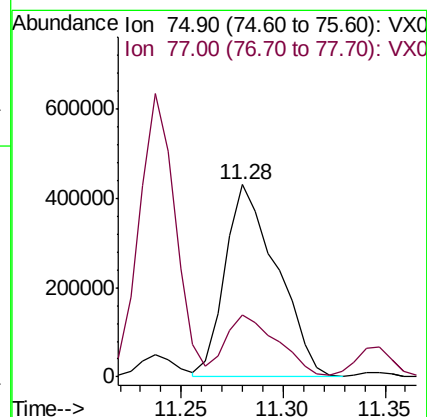
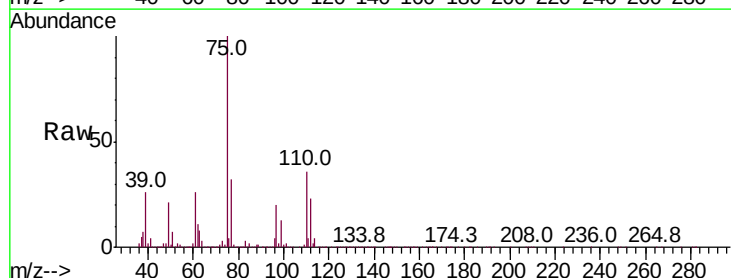
Acq: 27 Aug 2020 20:31

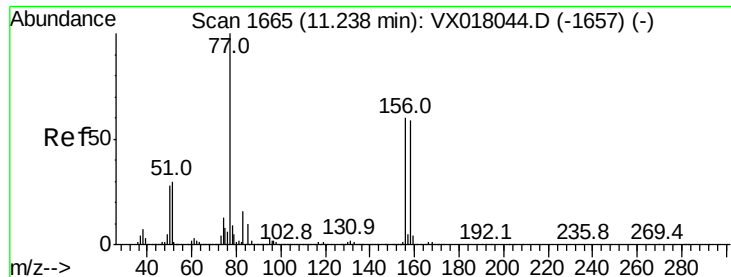
Tgt Ion: 75 Resp: 752346

Ion Ratio Lower Upper

75 100

77 32.6 20.8 62.2





#77

Bromobenzene

Concen: 50.249 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX018105.D

Acq: 27 Aug 2020 20:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

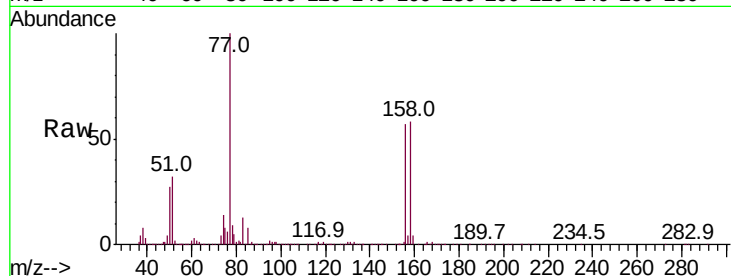
Tot Ion:156 Resp: 468398

Ion Ratio Lower Upper

156 100

77 166.6 80.0 240.2

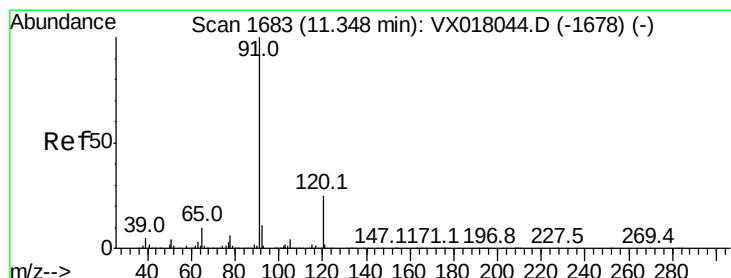
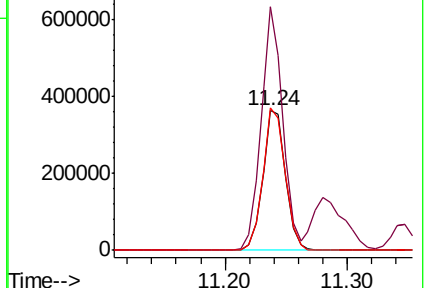
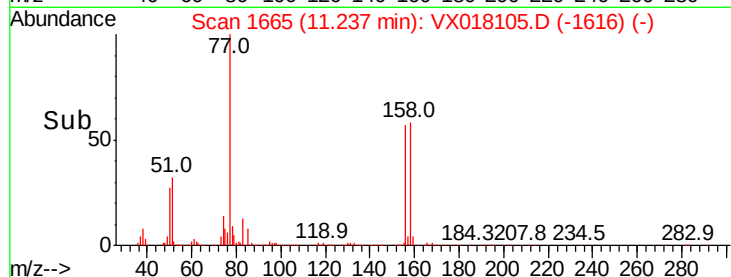
158 100.0 49.5 148.7



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 52.885 ug/l

RT: 11.35 min Scan# 1683

Delta R.T. -0.00 min

Lab File: VX018105.D

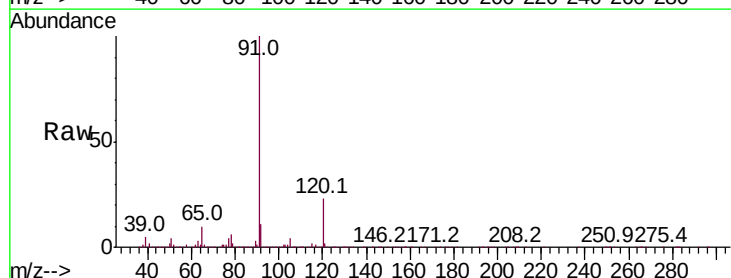
Acq: 27 Aug 2020 20:31

Tgt Ion: 91 Resp: 2024963

Ion Ratio Lower Upper

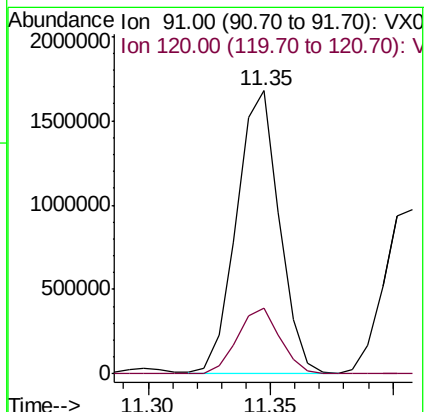
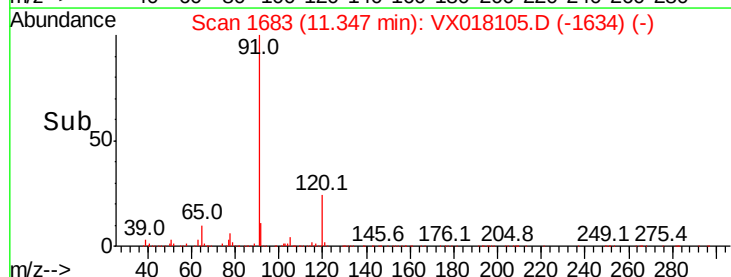
91 100

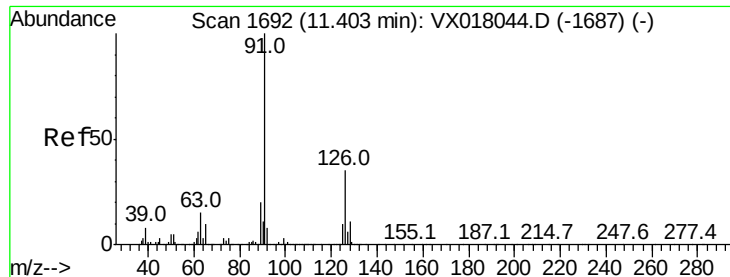
120 23.4 11.9 35.9



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 52.557 ug/l

RT: 11.41 min Scan# 1693

Delta R.T. 0.01 min

Lab File: VX018105.D

Acq: 27 Aug 2020 20:31

Instrument :

MSVOA_X

ClientSampleId :

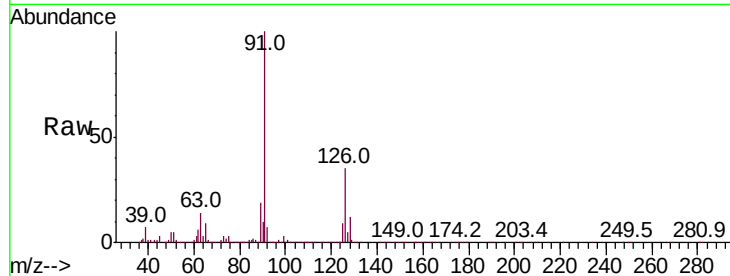
VSTDCCC050EC

Tot Ion: 91 Resp: 1243305

Ion Ratio Lower Upper

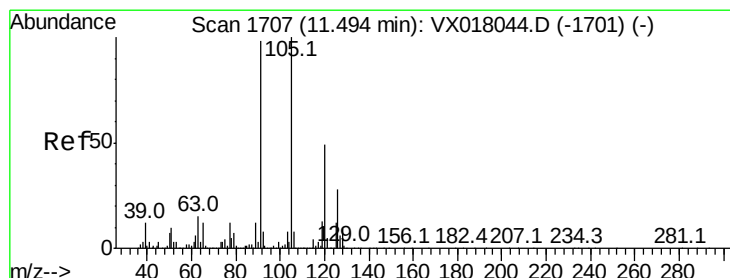
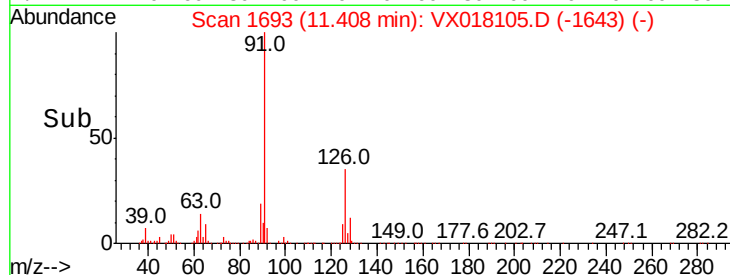
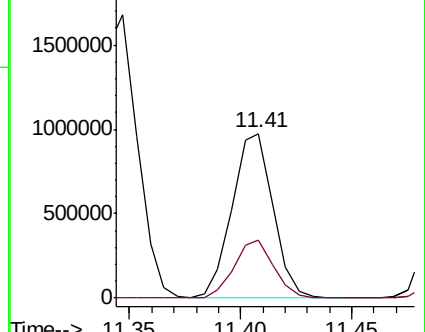
91 100

126 34.2 17.4 52.2



Abundance Ion 91.00 (90.70 to 91.70): VX018105.D (-1643) (-)

Ion 125.90 (125.60 to 126.60): VX018105.D (-1643) (-)



#80

1,3,5-Trimethylbenzene

Concen: 53.220 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX018105.D

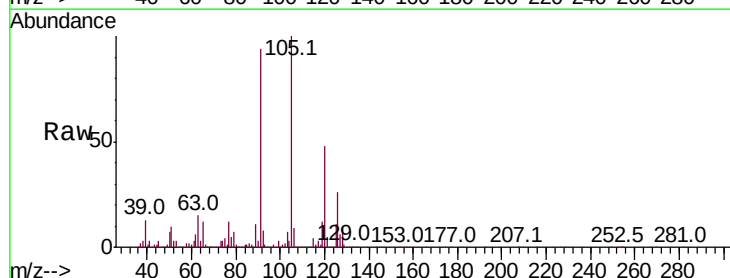
Acq: 27 Aug 2020 20:31

Tgt Ion:105 Resp: 1474791

Ion Ratio Lower Upper

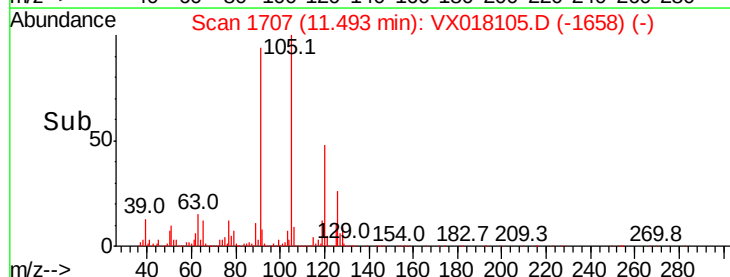
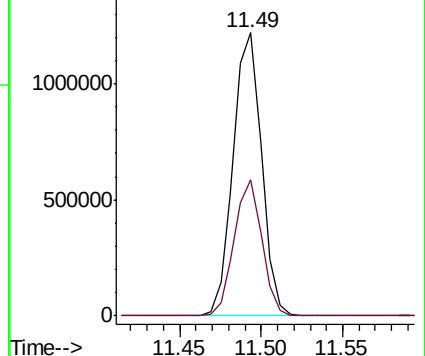
105 100

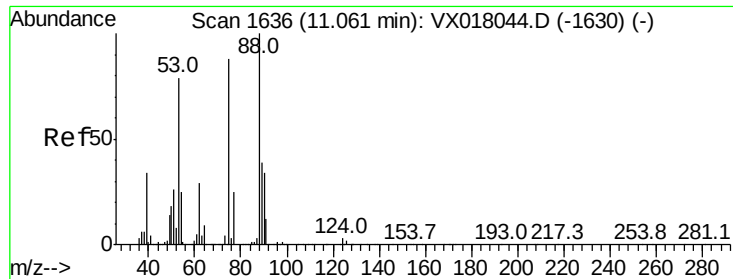
120 47.0 24.1 72.2



Abundance Ion 105.00 (104.70 to 105.70): VX018105.D (-1658) (-)

Ion 120.00 (119.70 to 120.70): VX018105.D (-1658) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 53.240 ug/l

RT: 11.06 min Scan# 1636

Delta R.T. -0.00 min

Lab File: VX018105.D

Acq: 27 Aug 2020 20:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

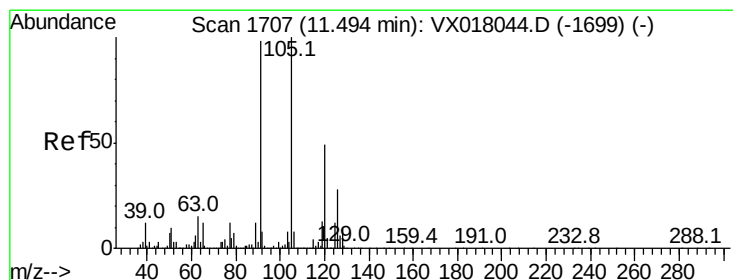
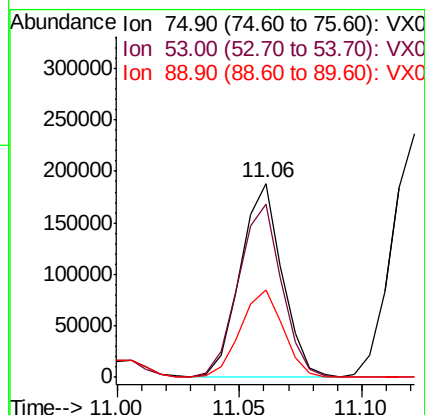
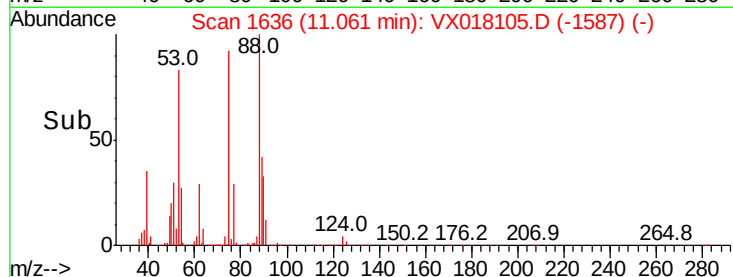
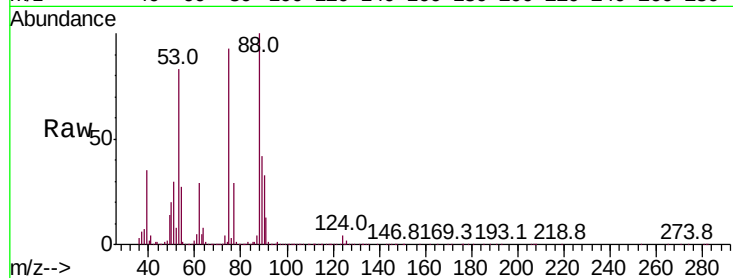
Tot Ion: 75 Resp: 224184

Ion Ratio Lower Upper

75 100

53 92.0 74.7 112.1

89 46.1 36.6 54.8



#82

4-Chlorotoluene

Concen: 51.772 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX018105.D

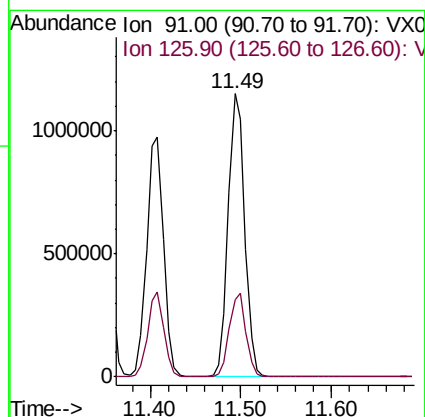
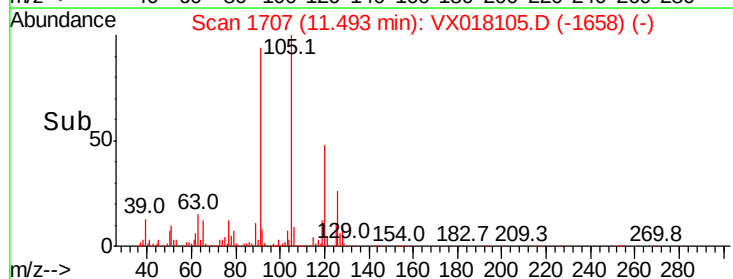
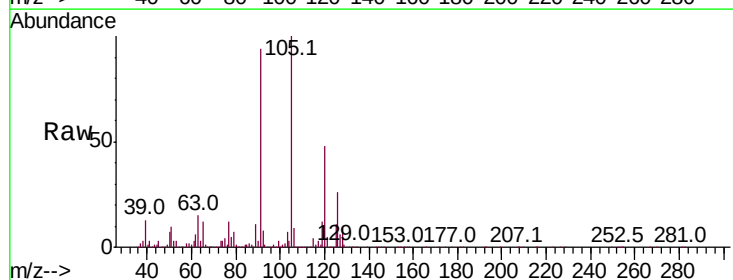
Acq: 27 Aug 2020 20:31

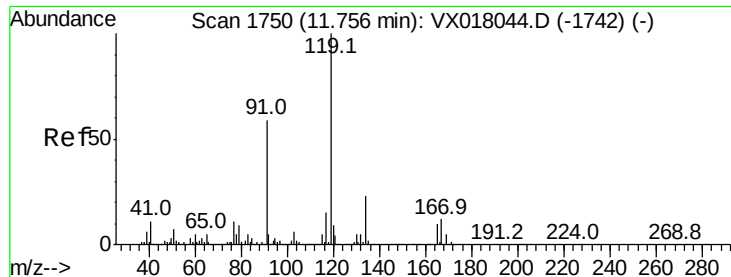
Tgt Ion: 91 Resp: 1455968

Ion Ratio Lower Upper

91 100

126 29.4 15.1 45.3





#83

tert-Butylbenzene

Concen: 49.975 ug/l

RT: 11.76 min Scan# 1750

Delta R.T. -0.00 min

Lab File: VX018105.D

Acq: 27 Aug 2020 20:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

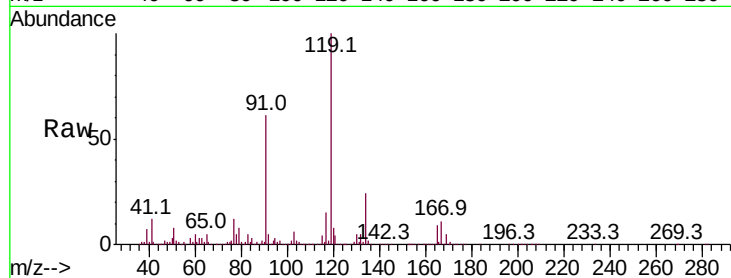
Tot Ion:119 Resp: 1366674

Ion Ratio Lower Upper

119 100

91 60.1 28.2 84.7

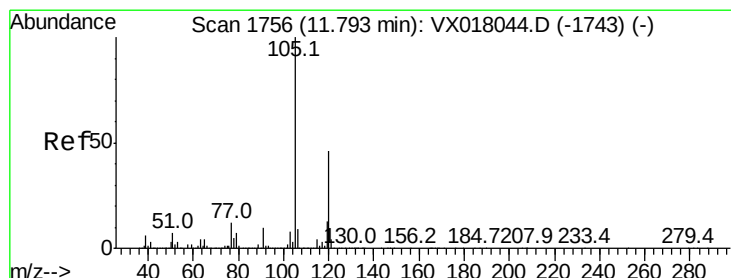
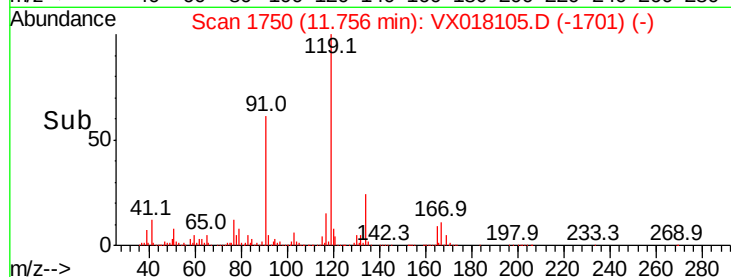
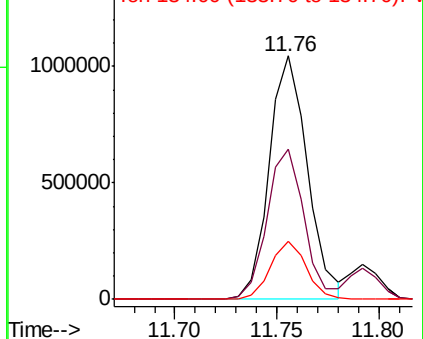
134 22.5 11.3 33.8



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VX0

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 52.470 ug/l

RT: 11.79 min Scan# 1756

Delta R.T. -0.00 min

Lab File: VX018105.D

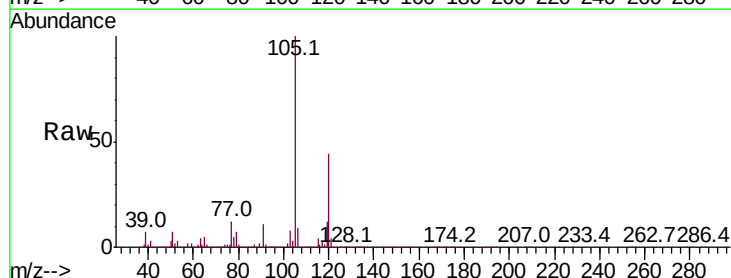
Acq: 27 Aug 2020 20:31

Tgt Ion:105 Resp: 1486552

Ion Ratio Lower Upper

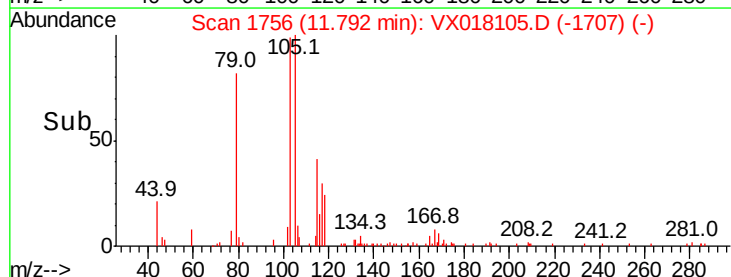
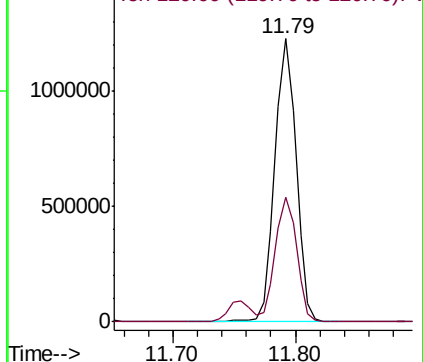
105 100

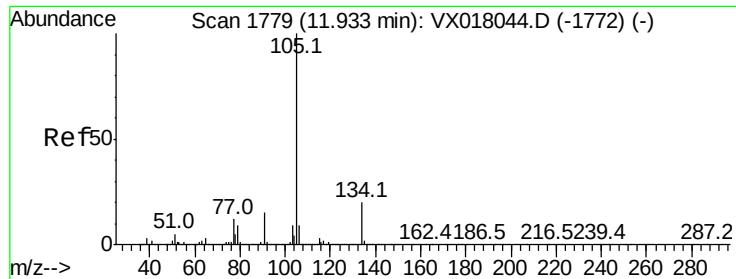
120 44.5 22.3 66.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

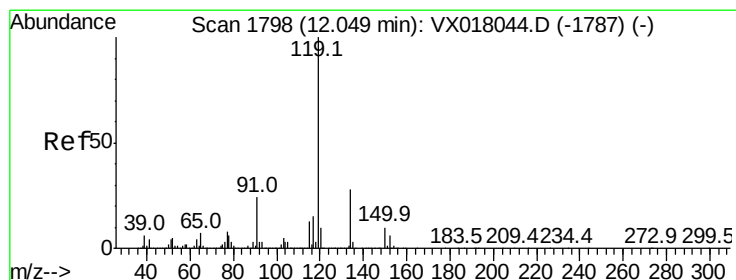
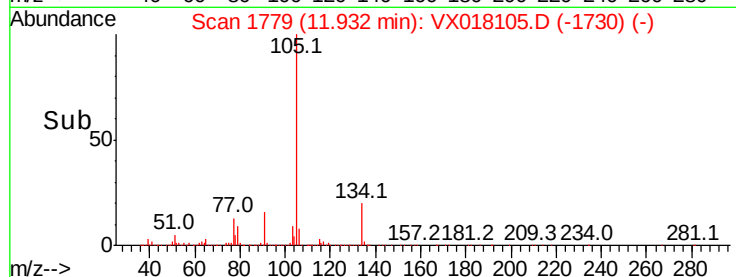
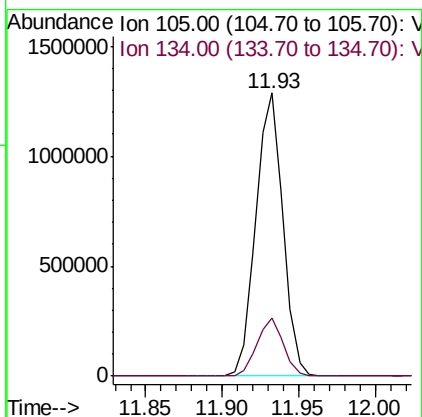
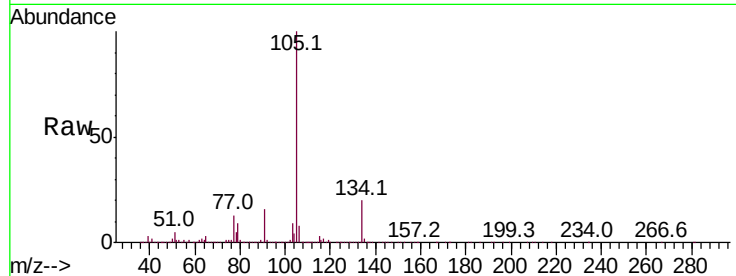




#85
 sec-Butylbenzene
 Concen: 50.945 ug/l
 RT: 11.93 min Scan# 1779
 Delta R.T. -0.00 min
 Lab File: VX018105.D
 Acq: 27 Aug 2020 20:31

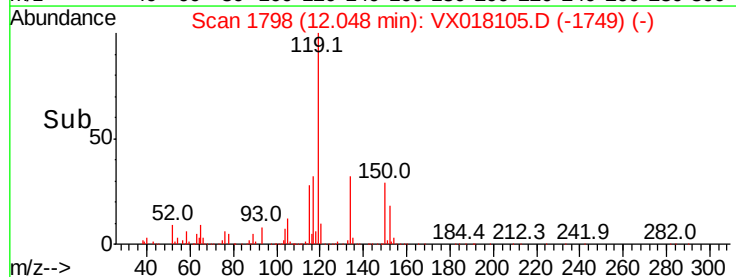
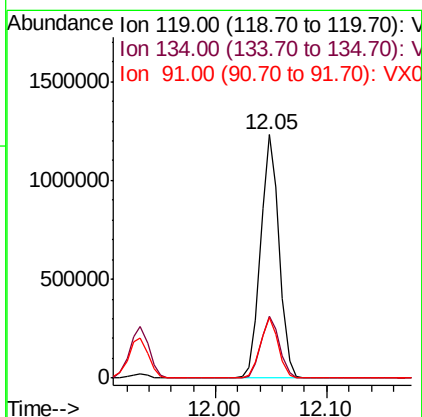
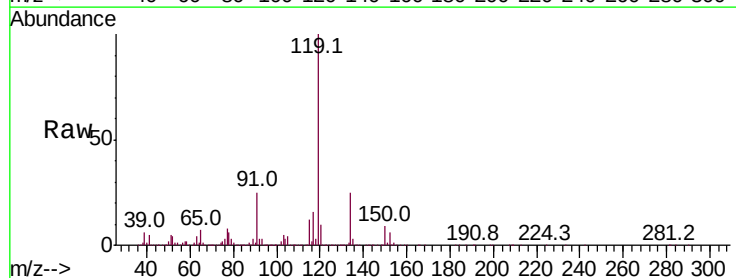
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

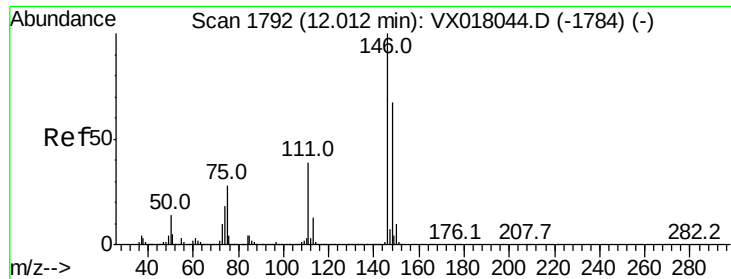
Tot Ion:105 Resp: 1584349
 Ion Ratio Lower Upper
 105 100
 134 19.9 10.1 30.3



#86
 p-Isopropyltoluene
 Concen: 50.253 ug/l
 RT: 12.05 min Scan# 1798
 Delta R.T. -0.00 min
 Lab File: VX018105.D
 Acq: 27 Aug 2020 20:31

Tgt Ion:119 Resp: 1435544
 Ion Ratio Lower Upper
 119 100
 134 25.6 13.2 39.5
 91 24.2 11.8 35.4

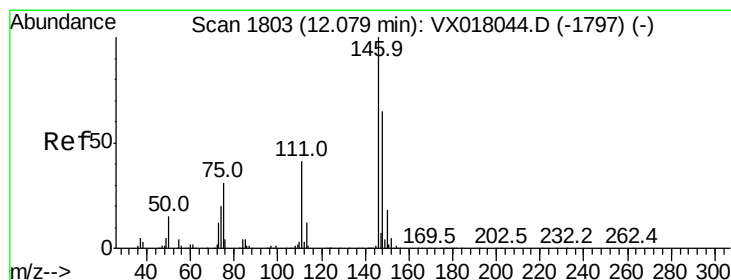
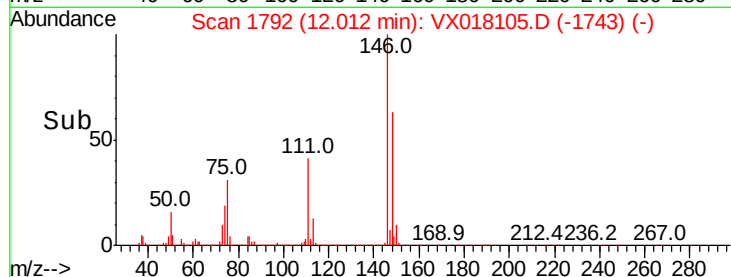
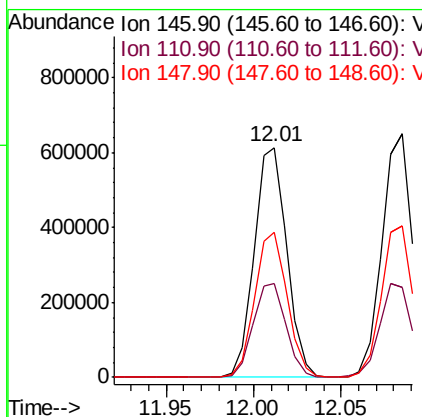
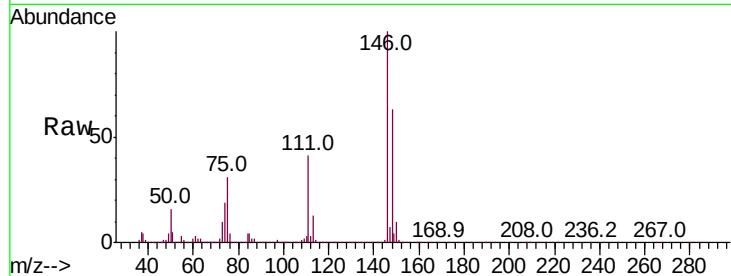




#87
 1,3-Dichlorobenzene
 Concen: 48.995 ug/l
 RT: 12.01 min Scan# 1792
 Delta R.T. -0.00 min
 Lab File: VX018105.D
 Acq: 27 Aug 2020 20:31

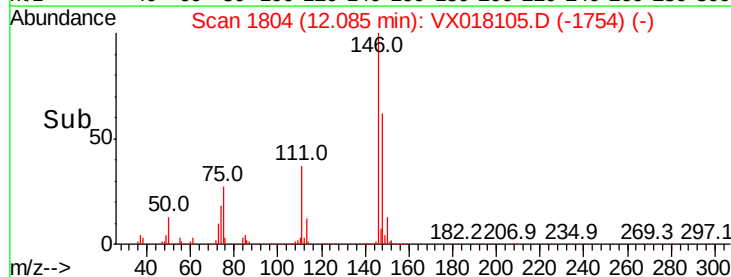
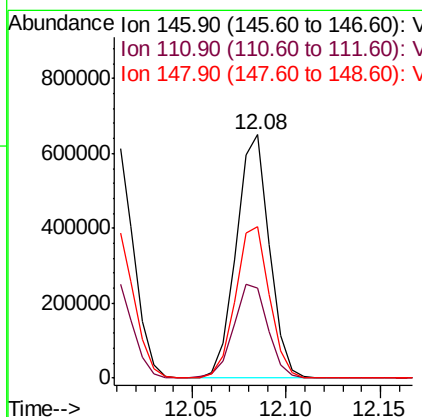
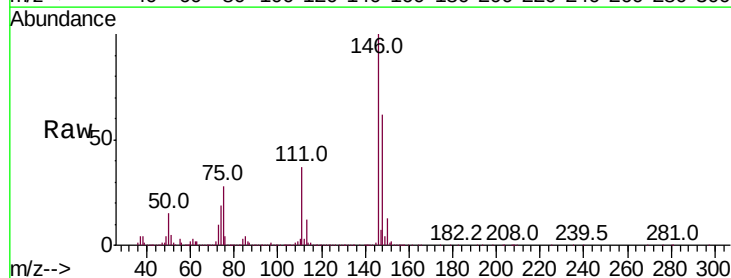
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

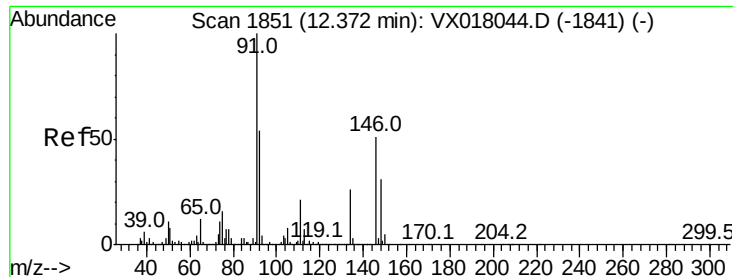
Tot Ion	Ratio	Lower	Upper
146	100		
111	41.1	20.6	61.8
148	62.7	33.1	99.2



#88
 1,4-Dichlorobenzene
 Concen: 48.397 ug/l
 RT: 12.08 min Scan# 1804
 Delta R.T. 0.01 min
 Lab File: VX018105.D
 Acq: 27 Aug 2020 20:31

Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.1	20.3	60.8
148	63.8	33.1	99.2

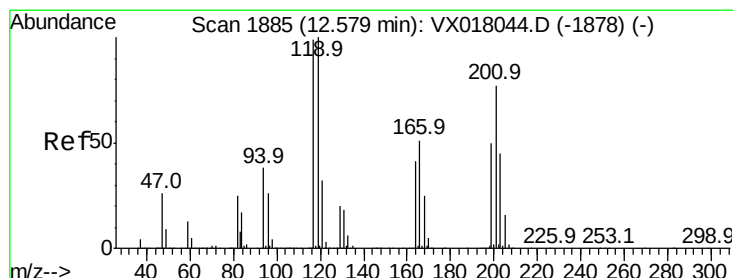
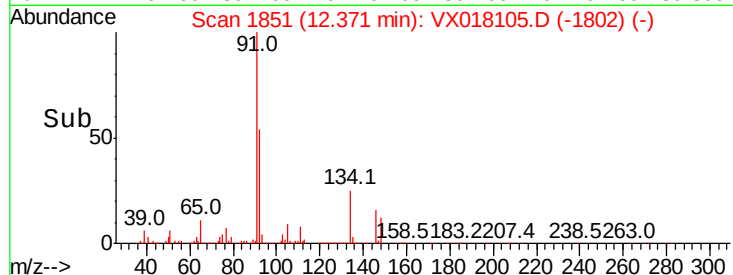
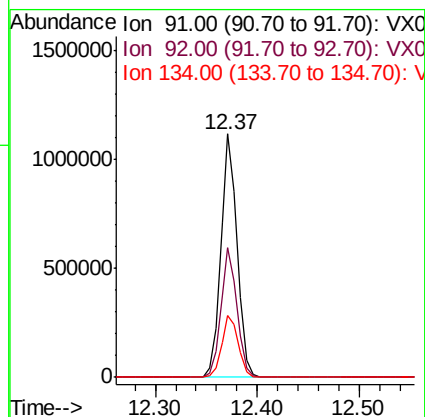
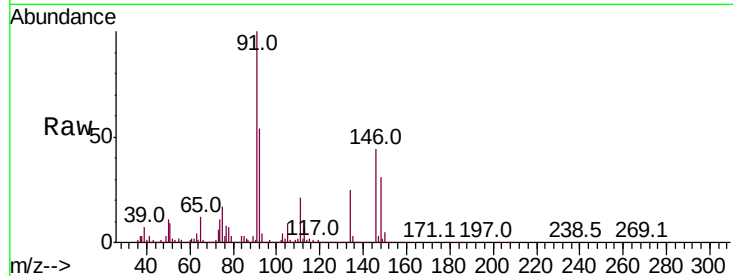




#89
n-Butylbenzene
Concen: 47.807 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. -0.00 min
Lab File: VX018105.D
Acq: 27 Aug 2020 20:31

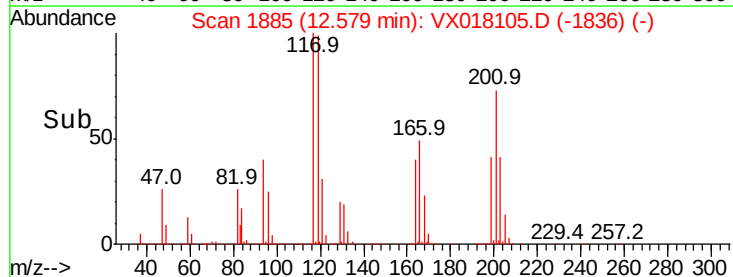
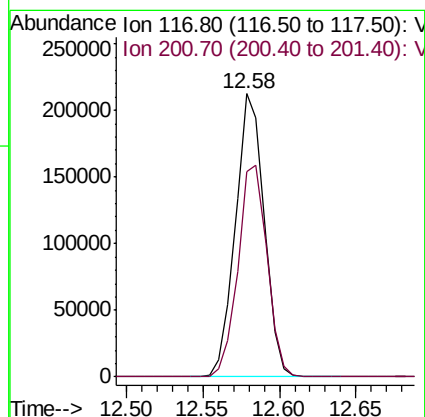
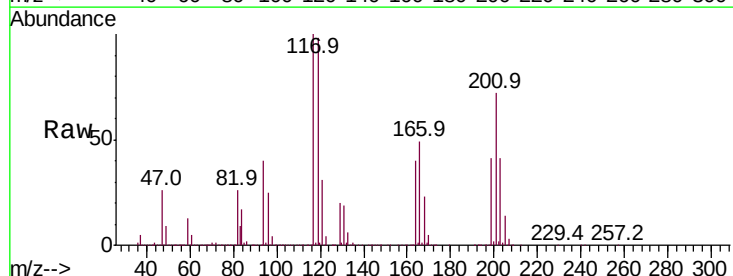
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

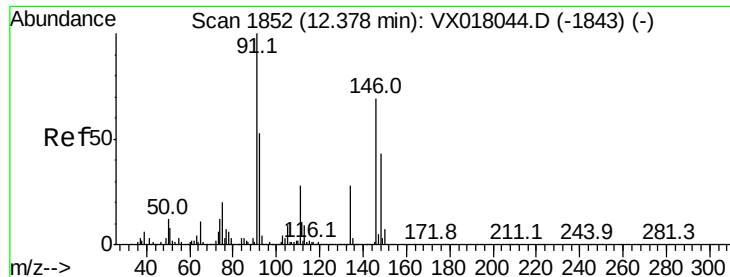
Tot Ion: 91 Resp: 1246489
Ion Ratio Lower Upper
91 100
92 52.8 26.4 79.2
134 25.9 12.9 38.7



#90
Hexachloroethane
Concen: 49.034 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX018105.D
Acq: 27 Aug 2020 20:31

Tgt Ion: 117 Resp: 275586
Ion Ratio Lower Upper
117 100
201 75.9 38.5 115.3





#91

1,2-Dichlorobenzene

Concen: 49.409 ug/l

RT: 12.38 min Scan# 1852

Delta R.T. -0.00 min

Lab File: VX018105.D

Acq: 27 Aug 2020 20:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

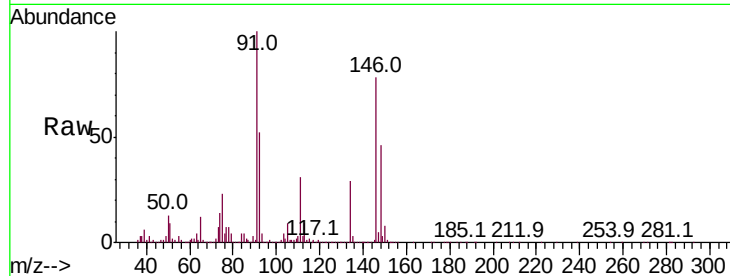
Tot Ion:146 Resp: 761170

Ion Ratio Lower Upper

146 100

111 43.3 20.8 62.5

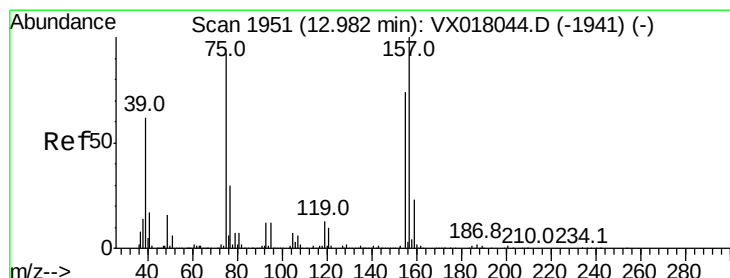
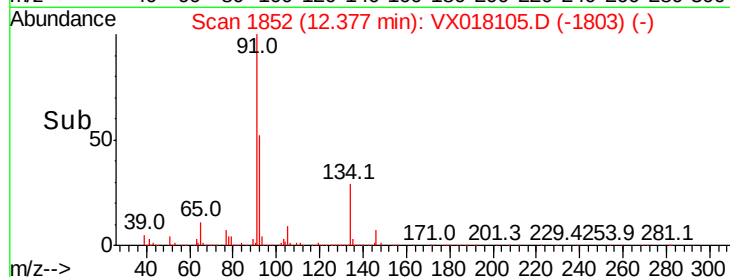
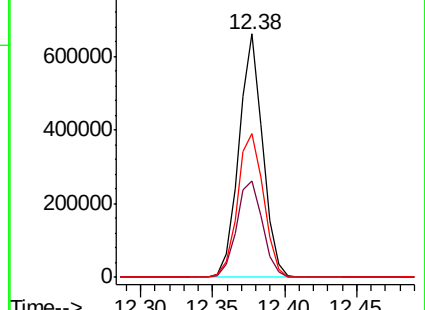
148 64.7 31.6 95.0



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 53.081 ug/l

RT: 12.98 min Scan# 1951

Delta R.T. -0.00 min

Lab File: VX018105.D

Acq: 27 Aug 2020 20:31

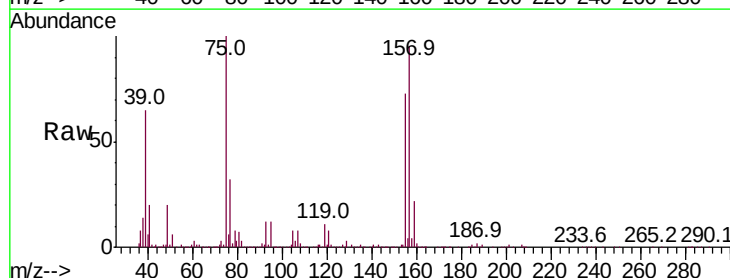
Tgt Ion: 75 Resp: 157887

Ion Ratio Lower Upper

75 100

155 79.9 40.2 120.6

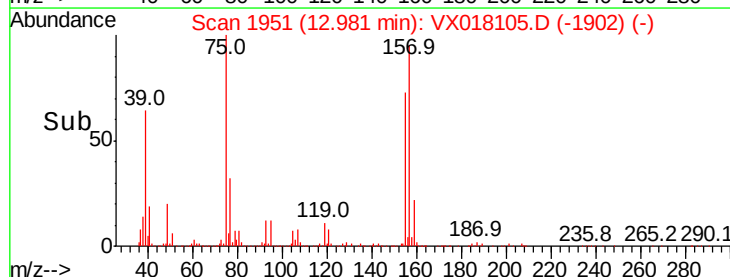
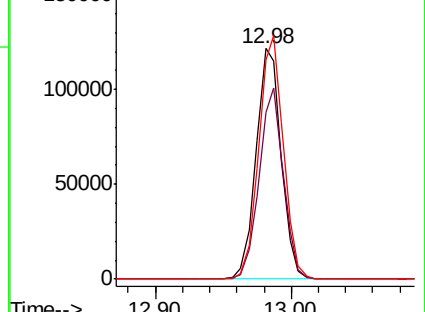
157 103.5 55.0 165.2

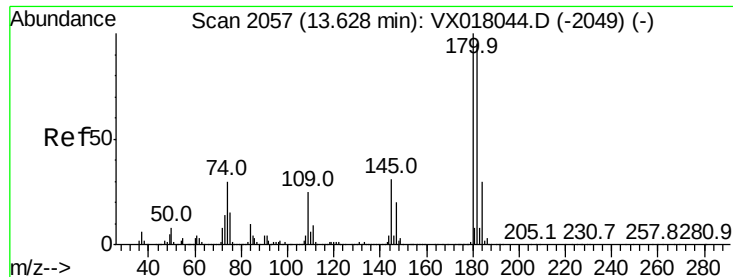


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

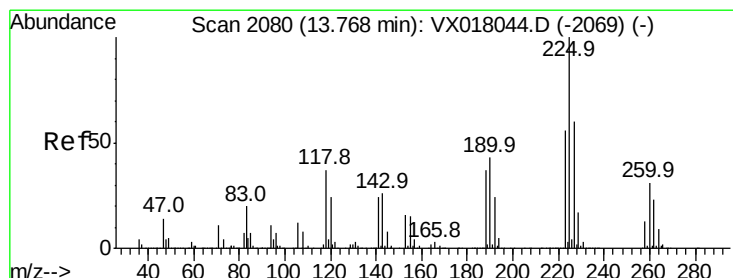
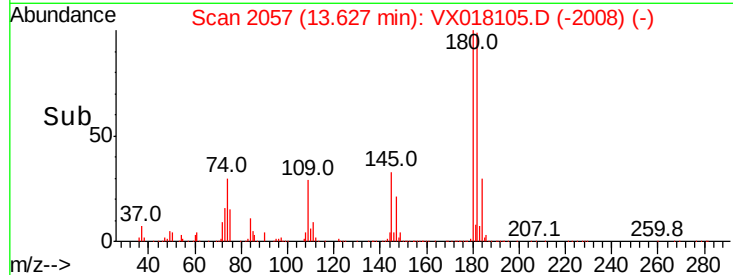
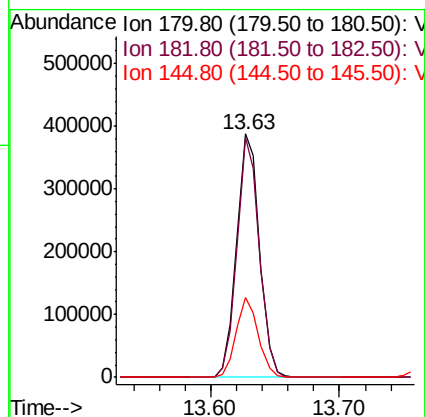
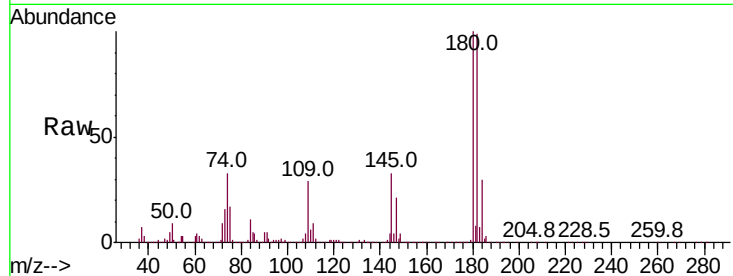




#93
 1,2,4-Trichlorobenzene
 Concen: 46.765 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. -0.00 min
 Lab File: VX018105.D
 Acq: 27 Aug 2020 20:31

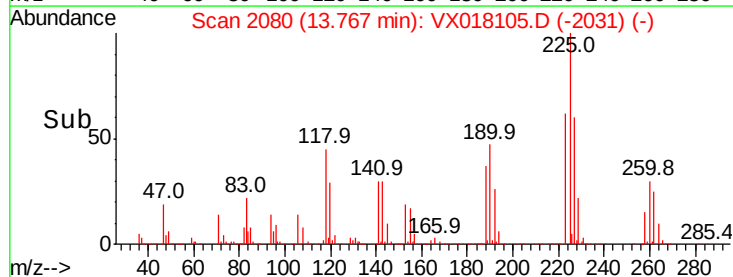
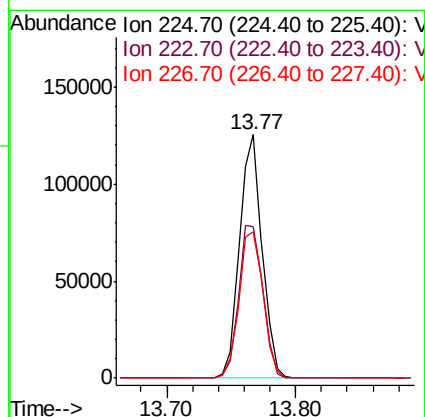
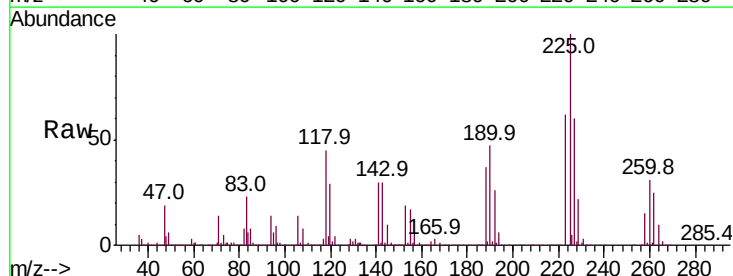
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

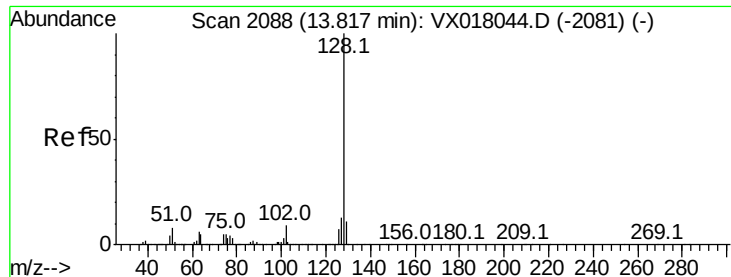
Tot Ion:180 Resp: 480413
 Ion Ratio Lower Upper
 180 100
 182 96.1 47.5 142.6
 145 31.8 15.7 47.1



#94
 Hexachlorobutadiene
 Concen: 37.629 ug/l
 RT: 13.77 min Scan# 2080
 Delta R.T. -0.00 min
 Lab File: VX018105.D
 Acq: 27 Aug 2020 20:31

Tgt Ion:225 Resp: 152471
 Ion Ratio Lower Upper
 225 100
 223 66.9 30.7 92.1
 227 64.2 32.6 97.8





#95

Naphthalene

Concen: 53.725 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. -0.00 min

Lab File: VX018105.D

Acq: 27 Aug 2020 20:31

Instrument :

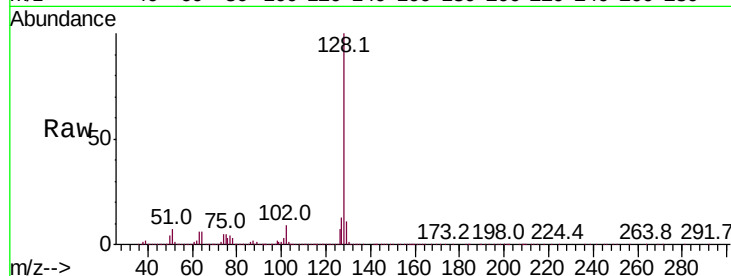
MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:128 Resp: 1816336

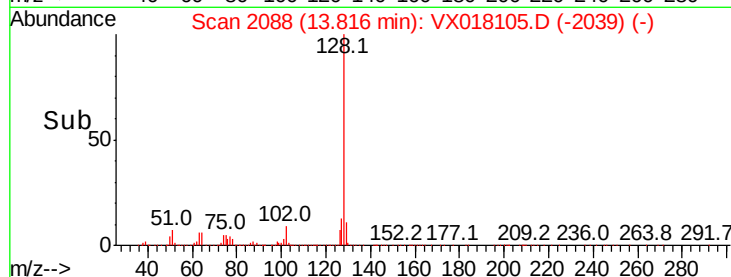
Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.2	15.2
129	10.6	8.7	13.1



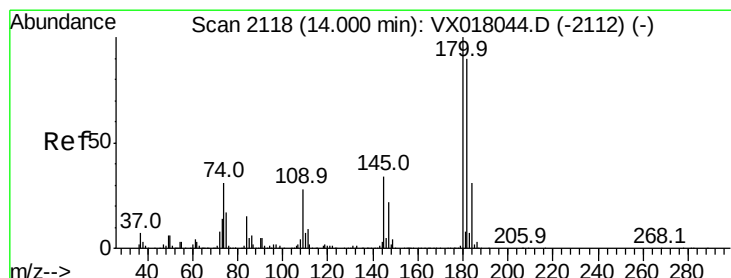
Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



Time-->



#96

1,2,3-Trichlorobenzene

Concen: 46.911 ug/l

RT: 14.01 min Scan# 2119

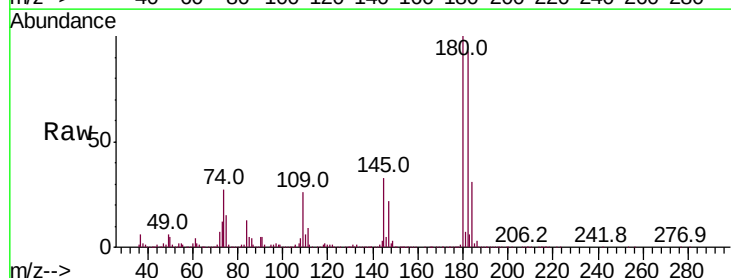
Delta R.T. 0.01 min

Lab File: VX018105.D

Acq: 27 Aug 2020 20:31

Tgt Ion:180 Resp: 476178

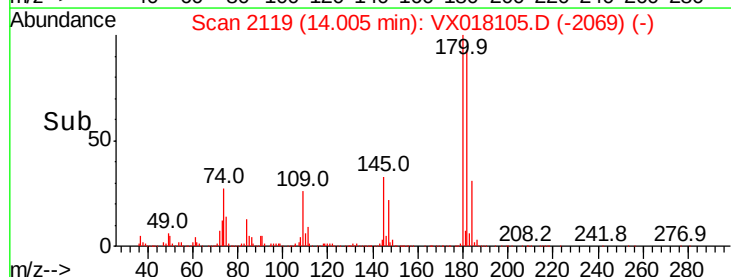
Ion	Ratio	Lower	Upper
180	100		
182	95.6	47.3	142.0
145	34.3	17.5	52.6



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V



Time-->