

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX090420\
 Data File : VX018254.D
 Acq On : 04 Sep 2020 12:36
 Operator : JC/SP
 Sample : VSTDICV020
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX090420

Quant Time: Sep 05 06:30:15 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X090420W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Sep 04 12:13:41 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	4.99	128	91406	30.00	ug/l	0.01
28) 1,4-Difluorobenzene	6.83	114	472640	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.10	117	446480	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.03	65	214547	29.75	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	99.17%
60) 4-Bromofluorobenzene	11.12	95	235925	30.49	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	101.63%
63) Toluene-d8	8.70	98	597880	30.38	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	101.27%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.18	85	92943	19.216	ug/l 94
3) Chloromethane	1.31	50	99750	19.415	ug/l 96
4) Vinyl Chloride	1.39	62	102742	18.992	ug/l 97
5) Bromomethane	1.64	94	75600	20.539	ug/l 90
6) Chloroethane	1.72	64	60860	18.509	ug/l 98
7) Trichlorofluoromethane	1.92	101	176837	19.288	ug/l 98
8) Diethyl Ether	2.17	74	53644	18.560	ug/l 96
9) 1,1,2-Trichlorotrifluoroet	2.37	101	90924	19.411	ug/l 99
10) 1,1-Dichloroethene	2.36	96	89020	19.360	ug/l 96
11) Methyl Iodide	2.50	142	78637	18.848	ug/l 98
12) Methyl Acetate	2.75	43	116246	19.206	ug/l 95
13) Acrolein	2.28	56	40744	83.410	ug/l 96
14) Acrylonitrile	3.12	53	256374	93.479	ug/l 99
15) Acetone	2.42	58	71925	96.457	ug/l 86
16) Carbon Disulfide	2.55	76	257490	19.232	ug/l 99
17) Allyl chloride	2.71	41	153032	18.620	ug/l 96
18) Methylene Chloride	2.84	84	100788	18.676	ug/l 92
19) trans-1,2-Dichloroethene	3.14	96	98483	19.291	ug/l 96
20) Diisopropyl ether	3.82	45	309341	19.013	ug/l 91
21) 1,1-Dichloroethane	3.67	63	179290	19.198	ug/l 98
22) cis-1,2-Dichloroethene	4.56	96	108050	19.129	ug/l 96
23) tert-Butyl Alcohol	3.01	59	108720	91.478	ug/l # 100
24) Methyl tert-Butyl Ether	3.17	73	311265	19.041	ug/l 100
25) Chloroform	5.18	83	189530	19.016	ug/l 97
26) Cyclohexane	5.54	56	144466	19.165	ug/l # 51
29) 1,1-Dichloropropene	5.77	75	140687	19.500	ug/l 99
30) 2-Butanone	4.64	43	367113	92.931	ug/l 99
31) 2,2-Dichloropropane	4.55	77	170096	19.518	ug/l 99
32) 1,1,1-Trichloroethane	5.46	97	179508	19.009	ug/l 97
33) Carbon Tetrachloride	5.76	117	164765	18.724	ug/l 96
34) Benzene	6.11	78	378129	18.361	ug/l 97
35) Methacrylonitrile	5.00	41	77512	18.619	ug/l 95
36) 1,2-Dichloroethane	6.17	62	159910	18.762	ug/l # 100
37) Trichloroethene	7.19	130	115347	19.369	ug/l 99
38) Methylcyclohexane	7.44	83	147996	19.258	ug/l 97
39) 1,2-Dichloropropane	7.49	63	100122	18.151	ug/l 96
40) Dibromomethane	7.63	93	74718	18.758	ug/l 99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

41) Bromodichloromethane	7.88	83	153847	18.636	ug/l	97
42) Vinyl Acetate	3.79	43	1395318	94.672	ug/l	100
43) Ethyl Acetate	4.79	43	137356	17.486	ug/l	99
44) Isopropyl Acetate	6.41	43	229551	18.133	ug/l	97
45) 1,4-Dioxane	7.71	88	38265	361.818	ug/l #	88
46) Methyl methacrylate	7.75	41	112343	18.032	ug/l	95
47) n-amyl Acetate	10.88	43	201579	18.122	ug/l	100
48) t-1,3-Dichloropropene	9.02	75	169449	19.108	ug/l	99
49) cis-1,3-Dichloropropene	8.42	75	173962	18.674	ug/l	98
50) 1,1,2-Trichloroethane	9.20	97	103372	18.624	ug/l	99
51) Ethyl methacrylate	9.16	69	142639	17.740	ug/l	99
52) 1,3-Dichloropropane	9.35	76	169292	18.376	ug/l	97
53) Dibromochloromethane	9.57	129	127267	18.441	ug/l	94
54) 1,2-Dibromoethane	9.65	107	113720	18.677	ug/l	95
55) 2-Chloroethyl vinyl ether	8.29	63	401353	95.590	ug/l	99
56) Bromoform	10.84	173	95959	18.300	ug/l	99
58) 4-Methyl-2-Pentanone	8.62	43	717946	93.490	ug/l	99
59) 2-Hexanone	9.47	43	549832	94.527	ug/l	99
61) Tetrachloroethene	9.32	164	107969	19.390	ug/l	89
62) Toluene	8.77	91	432267	19.238	ug/l	99
64) Chlorobenzene	10.12	112	272040	18.840	ug/l	93
65) 1,1,1,2-Tetrachloroethane	10.20	131	110516	18.898	ug/l	98
66) Ethyl Benzene	10.24	91	475897	19.168	ug/l	98
67) m/p-Xylenes	10.34	106	368003	38.758	ug/l	99
68) o-Xylene	10.68	106	172646	19.244	ug/l	97
69) Styrene	10.70	104	296579	18.948	ug/l	99
70) Isopropylbenzene	11.00	105	474082	19.002	ug/l	99
71) 1,1,2,2-Tetrachloroethane	11.25	83	152663	18.725	ug/l	99
72) 1,2,3-Trichloropropane	11.28	75	189503	24.192	ug/l	88
73) Bromobenzene	11.24	156	127124	18.599	ug/l	99
74) n-propylbenzene	11.34	91	558640	19.016	ug/l	98
75) 2-Chlorotoluene	11.40	91	339796	19.083	ug/l	100
76) 1,3,5-Trimethylbenzene	11.49	105	419035	19.279	ug/l	99
77) t-1,4-Dichloro-2-butene	11.05	75	56850	18.675	ug/l	92
78) 4-Chlorotoluene	11.49	91	408518	19.233	ug/l	100
79) tert-butylbenzene	11.76	119	388835	18.571	ug/l	96
80) 1,2,4-Trimethylbenzene	11.79	105	421515	19.608	ug/l	99
81) sec-Butylbenzene	11.93	105	464448	18.991	ug/l	99
82) p-Isopropyltoluene	12.05	119	438671	19.238	ug/l	99
83) 1,3-Dichlorobenzene	12.01	146	241959	19.798	ug/l	98
84) 1,4-Dichlorobenzene	12.08	146	234681	19.205	ug/l	97
85) n-Butylbenzene	12.37	91	381520	19.004	ug/l	99
86) Hexachloroethane	12.58	117	83034	18.495	ug/l	99
87) 1,2-Dichlorobenzene	12.38	146	227062	19.841	ug/l	98
88) 1,2-Dibromo-3-Chloropropan	12.98	75	38831	18.617	ug/l	98
89) 1,2,4-Trichlorobenzene	13.63	180	155372	20.068	ug/l	98
90) Hexachlorobutadiene	13.77	225	69066	21.090	ug/l	98
91) Naphthalene	13.82	128	447429	18.517	ug/l	99
92) 1,2,3-Trichlorobenzene	14.00	180	149659	19.539	ug/l	98

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QLast Update : Fri Sep 04 12:13:41 2020
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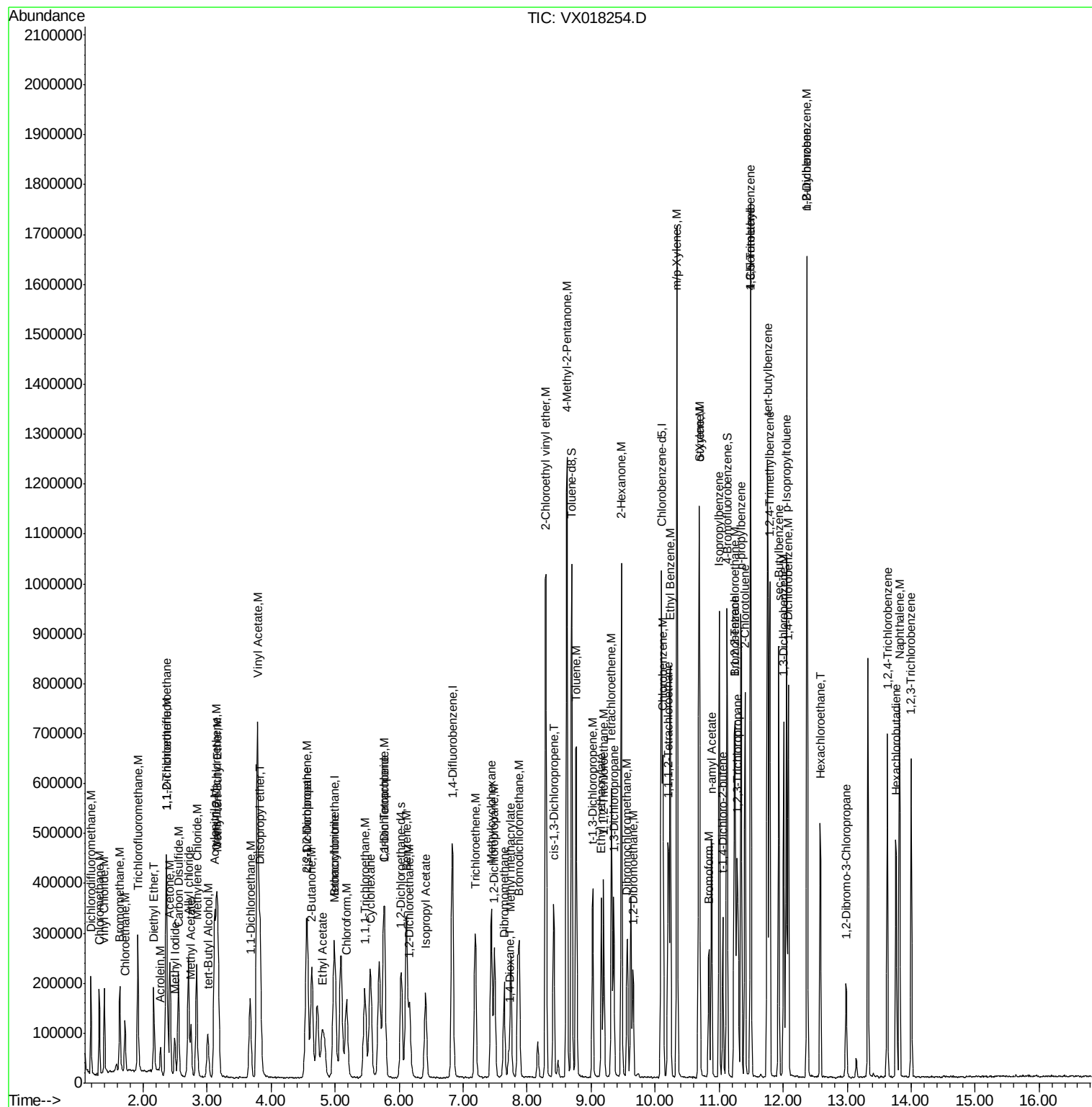
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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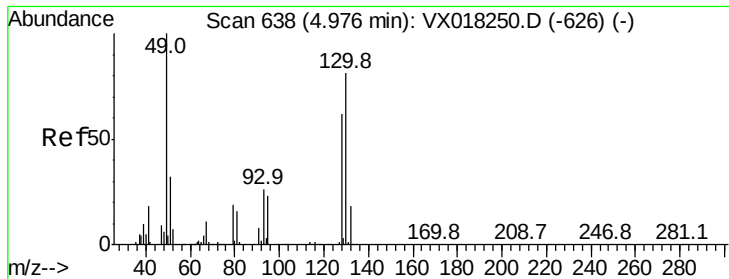
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX090420\
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Quant Time: Sep 05 06:30:15 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA X\METHOD\624X090420W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri Sep 04 12:13:41 2020
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#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 4.99 min Scan# 640

Delta R.T. 0.01 min

Lab File: VX018254.D

Acq: 04 Sep 2020 12:36

Instrument :

MSVOA_X

ClientSampleId :

ICVVX090420

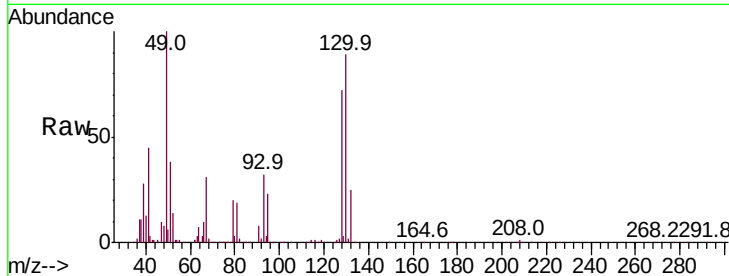
Tot Ion:128 Resp: 91406

Ion Ratio Lower Upper

128 100

49 152.1 0.0 392.0

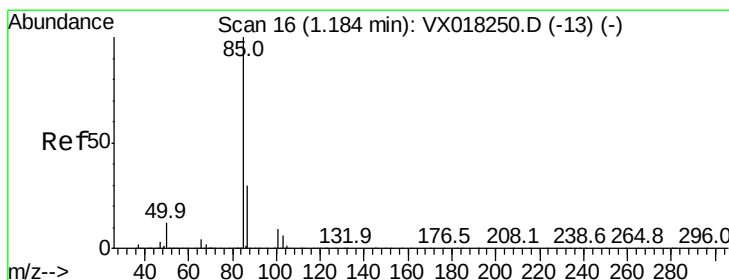
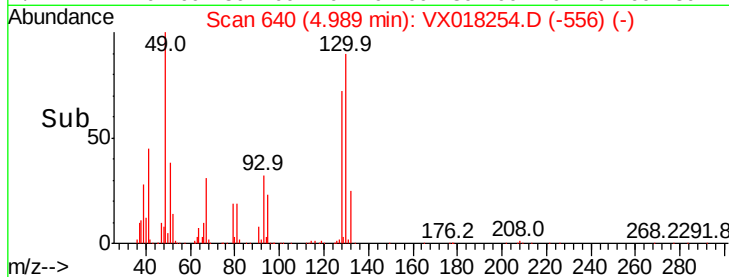
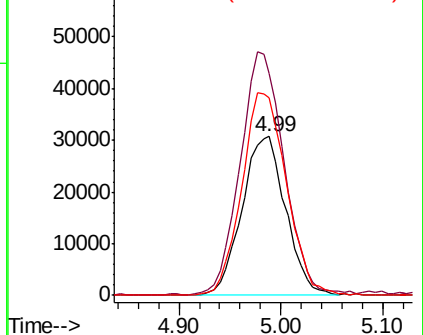
130 130.7 0.0 320.2



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 49.00 (48.70 to 49.70): VX0

Ion 130.00 (129.70 to 130.70): V



#2

Dichlorodifluoromethane

Concen: 19.216 ug/l

RT: 1.18 min Scan# 16

Delta R.T. 0.00 min

Lab File: VX018254.D

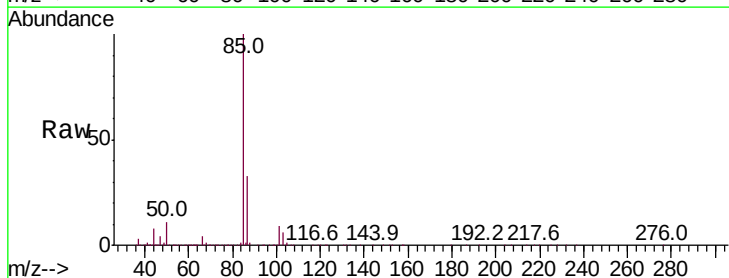
Acq: 04 Sep 2020 12:36

Tgt Ion: 85 Resp: 92943

Ion Ratio Lower Upper

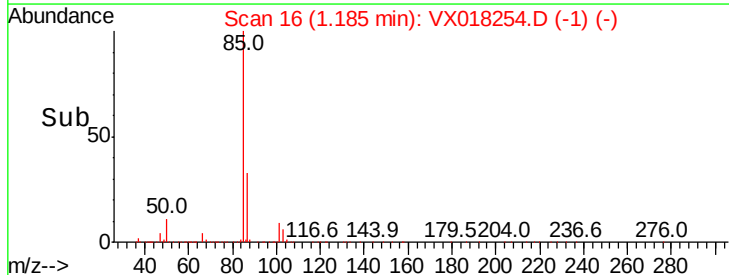
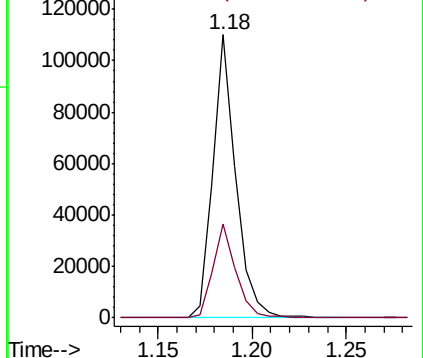
85 100

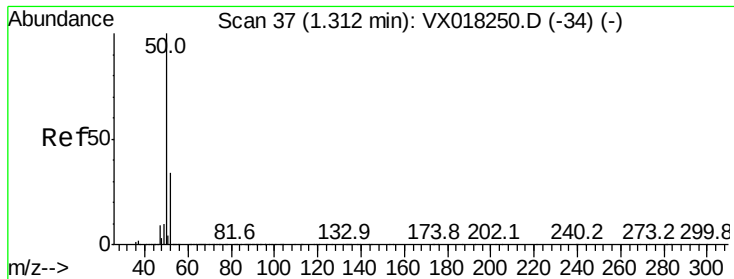
87 33.4 15.1 45.3



Abundance Ion 85.00 (84.70 to 85.70): VX0

Ion 87.00 (86.70 to 87.70): VX0





#3

Chloromethane

Concen: 19.415 ug/l

RT: 1.31 min Scan# 37

Delta R.T. 0.00 min

Lab File: VX018254.D

Acq: 04 Sep 2020 12:36

Instrument :

MSVOA_X

ClientSampleId :

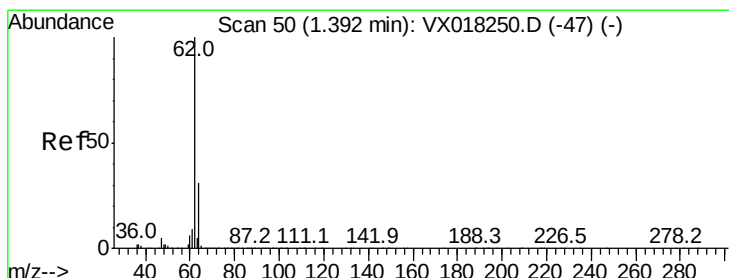
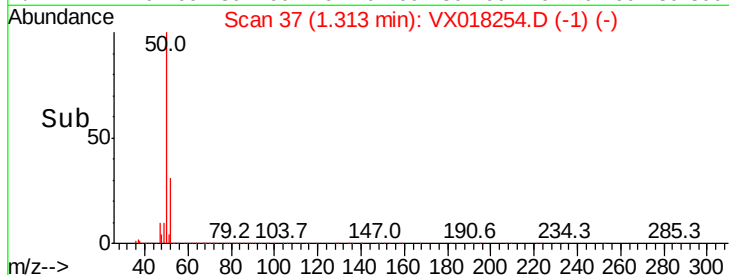
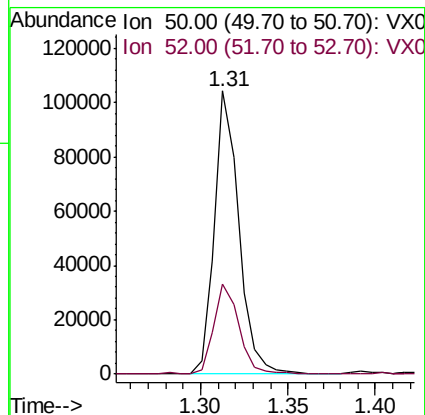
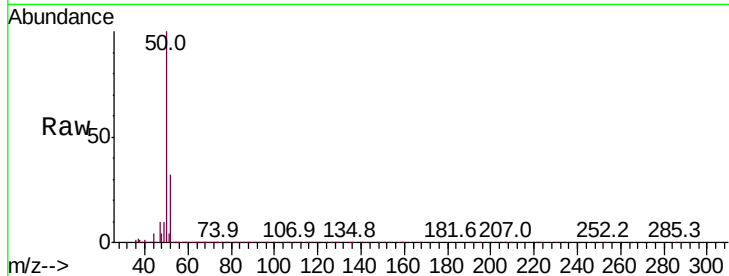
ICVVX090420

Tot Ion: 50 Resp: 99750

Ion Ratio Lower Upper

50 100

52 31.5 27.1 40.7



#4

Vinyl Chloride

Concen: 18.992 ug/l

RT: 1.39 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX018254.D

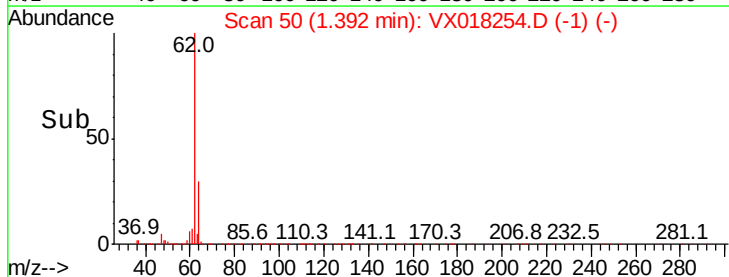
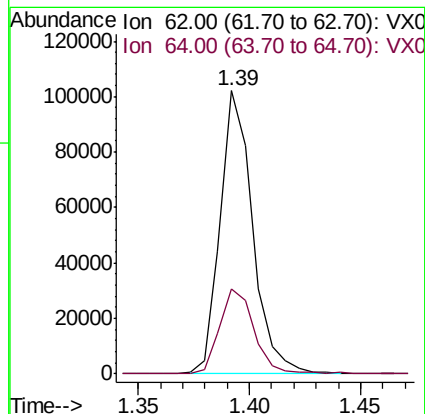
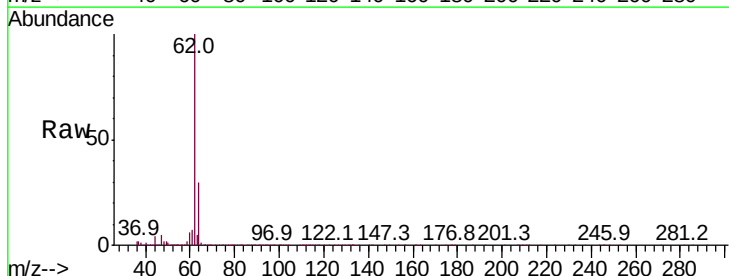
Acq: 04 Sep 2020 12:36

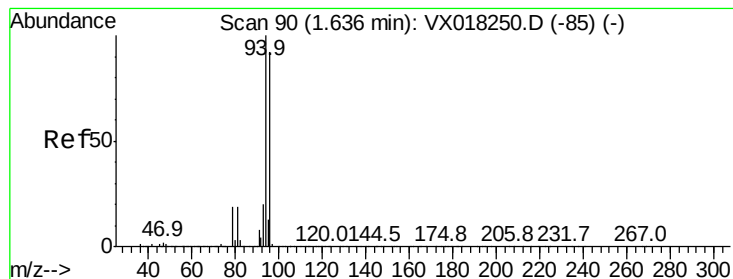
Tgt Ion: 62 Resp: 102742

Ion Ratio Lower Upper

62 100

64 30.1 25.2 37.8





#5

Bromomethane

Concen: 20.539 ug/l

RT: 1.64 min Scan# 90

Delta R.T. 0.00 min

Lab File: VX018254.D

Acq: 04 Sep 2020 12:36

Instrument :

MSVOA_X

ClientSampleId :

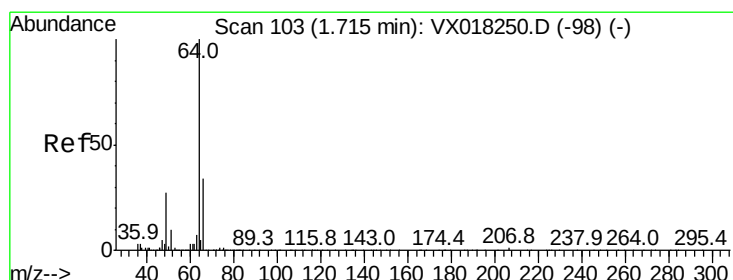
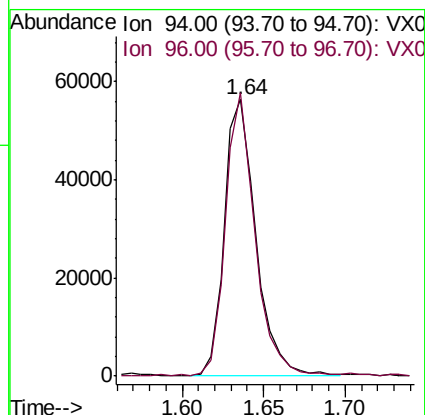
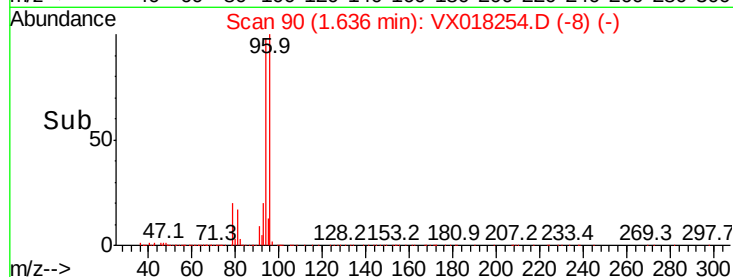
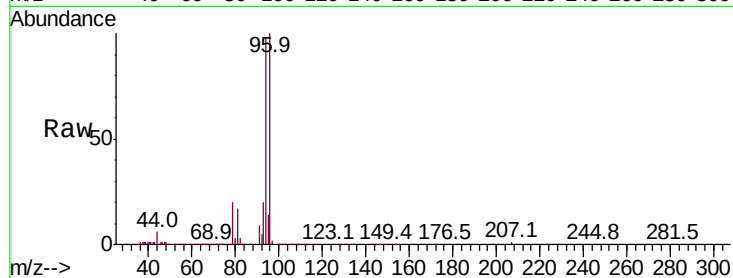
ICVVX090420

Tot Ion: 94 Resp: 75600

Ion Ratio Lower Upper

94 100

96 102.2 73.9 110.9



#6

Chloroethane

Concen: 18.509 ug/l

RT: 1.72 min Scan# 103

Delta R.T. 0.00 min

Lab File: VX018254.D

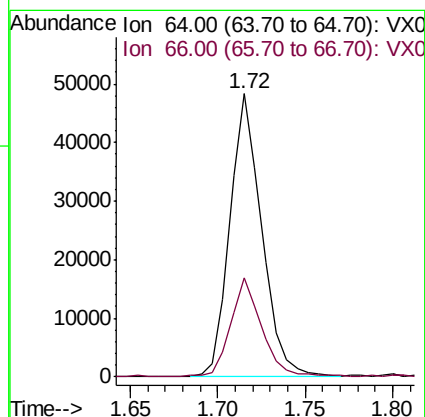
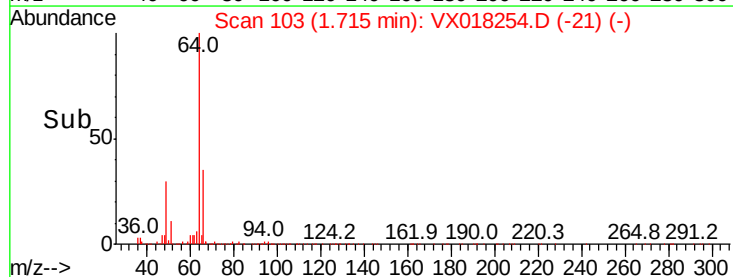
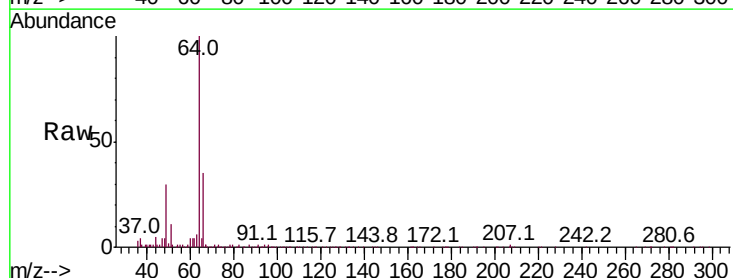
Acq: 04 Sep 2020 12:36

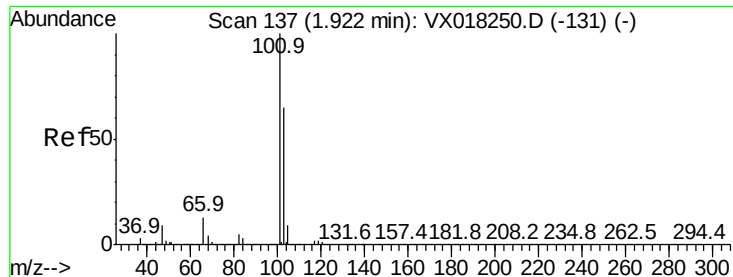
Tgt Ion: 64 Resp: 60860

Ion Ratio Lower Upper

64 100

66 34.7 27.0 40.4



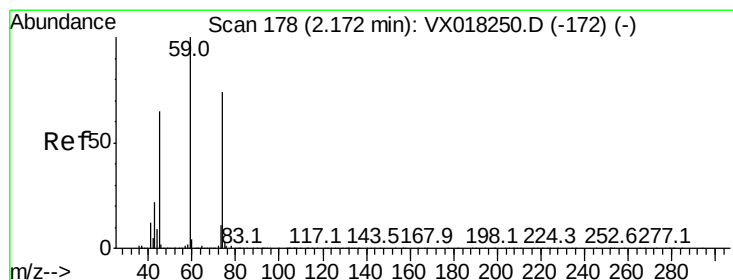
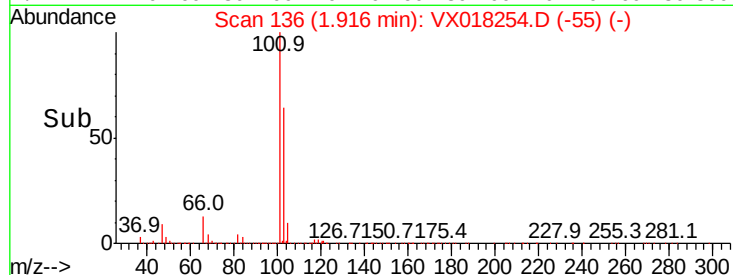
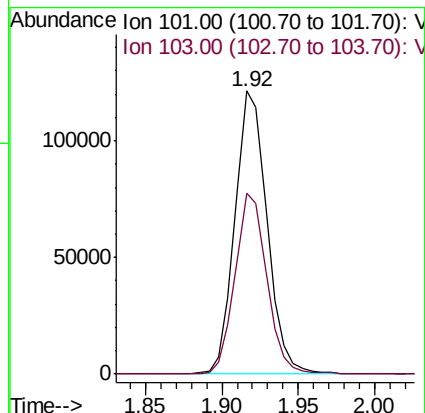
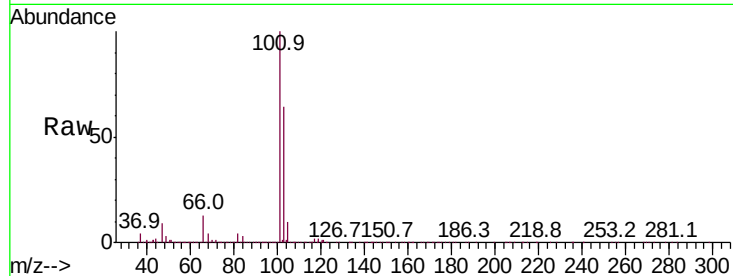


#7

Trichlorofluoromethane
Concen: 19.288 ug/l
RT: 1.92 min Scan# 136
Delta R.T. -0.01 min
Lab File: VX018254.D
Acq: 04 Sep 2020 12:36

Instrument :
MSVOA_X
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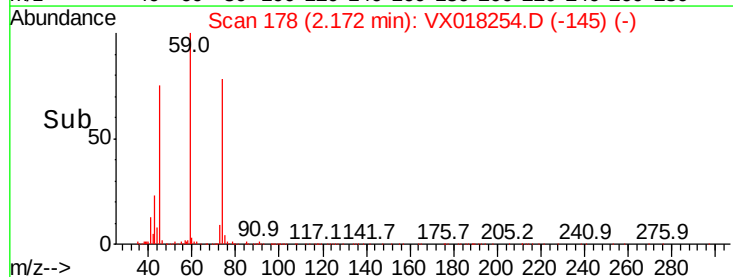
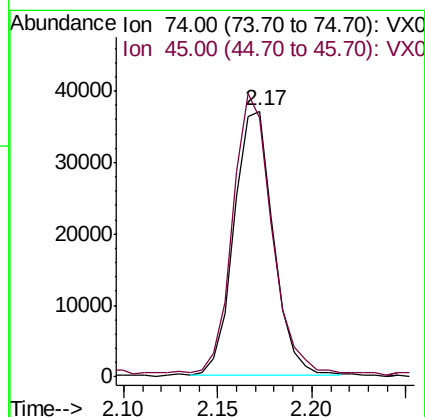
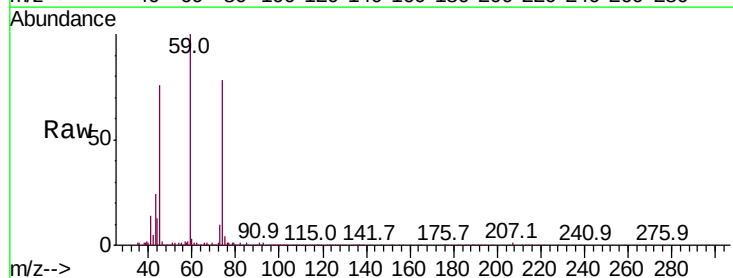
Tot Ion:101 Resp: 176837
Ion Ratio Lower Upper
101 100
103 64.0 52.3 78.5

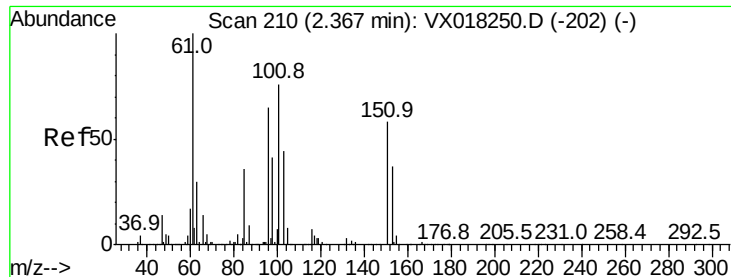


#8

Diethyl Ether
Concen: 18.560 ug/l
RT: 2.17 min Scan# 178
Delta R.T. 0.00 min
Lab File: VX018254.D
Acq: 04 Sep 2020 12:36

Tgt Ion: 74 Resp: 53644
Ion Ratio Lower Upper
74 100
45 106.4 20.5 184.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.411 ug/l

RT: 2.37 min Scan# 210

Delta R.T. 0.00 min

Lab File: VX018254.D

Acq: 04 Sep 2020 12:36

Instrument :

MSVOA_X

ClientSampleId :

ICVVX090420

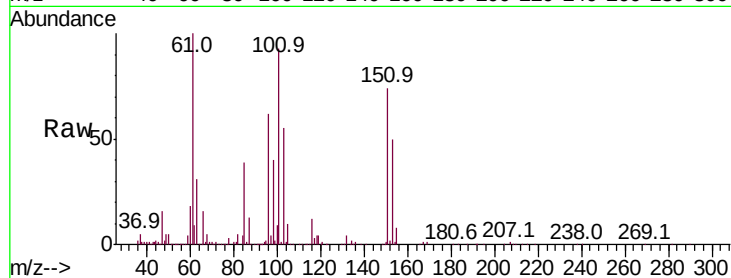
Tot Ion:101 Resp: 90924

Ion Ratio Lower Upper

101 100

85 44.0 0.0 87.8

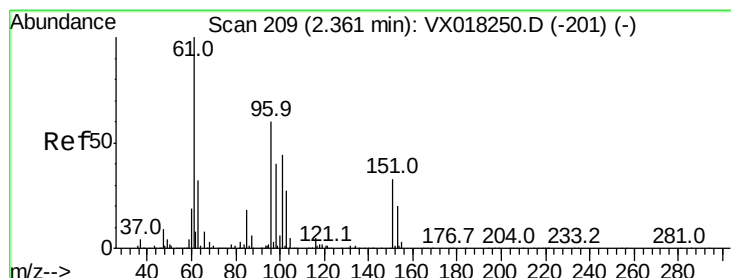
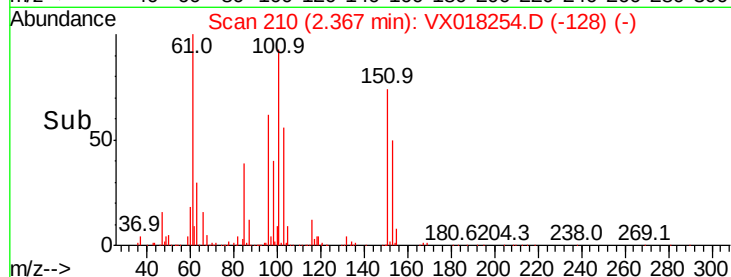
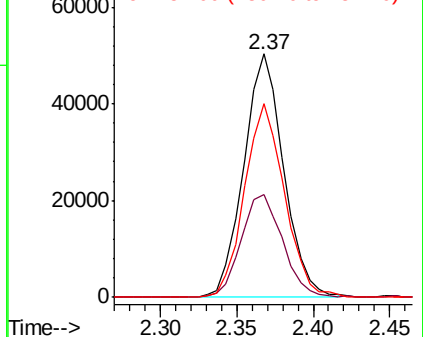
151 80.0 0.0 161.4



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VX0

Ion 151.00 (150.70 to 151.70): V



#10

1,1-Dichloroethene

Concen: 19.360 ug/l

RT: 2.36 min Scan# 208

Delta R.T. -0.01 min

Lab File: VX018254.D

Acq: 04 Sep 2020 12:36

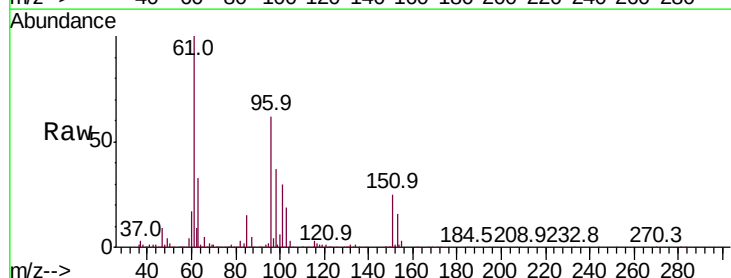
Tgt Ion: 96 Resp: 89020

Ion Ratio Lower Upper

96 100

61 161.7 132.5 198.7

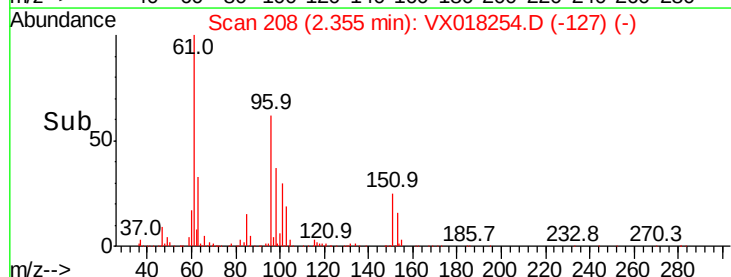
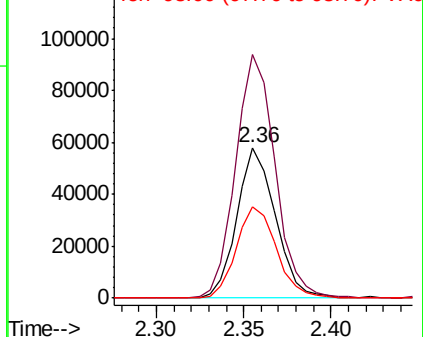
98 60.4 52.4 78.6

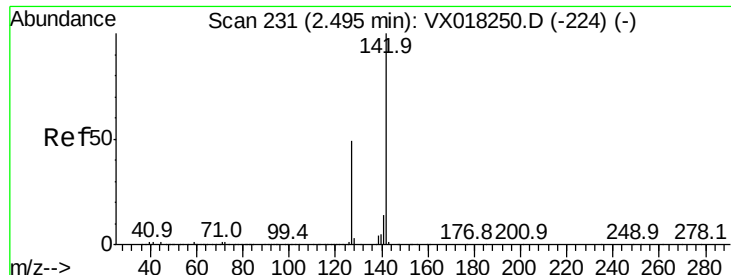


Abundance Ion 96.00 (95.70 to 96.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 98.00 (97.70 to 98.70): VX0

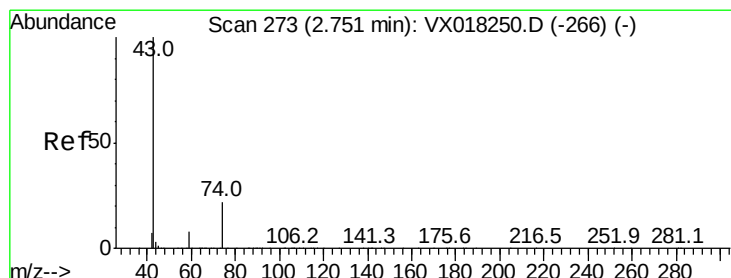
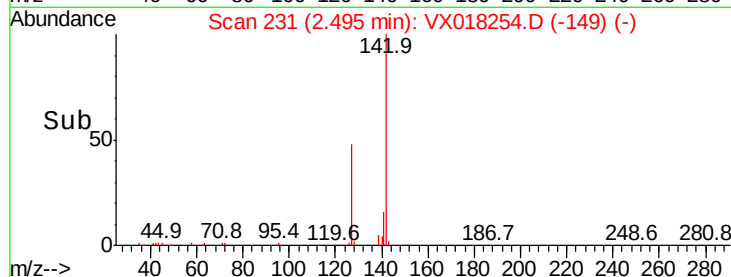
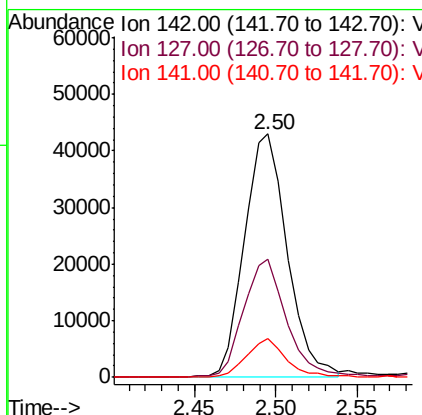
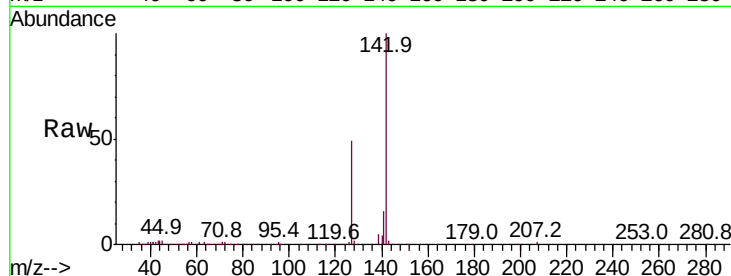




#11
Methyl Iodide
Concen: 18.848 ug/l
RT: 2.50 min Scan# 231
Delta R.T. 0.00 min
Lab File: VX018254.D
Acq: 04 Sep 2020 12:36

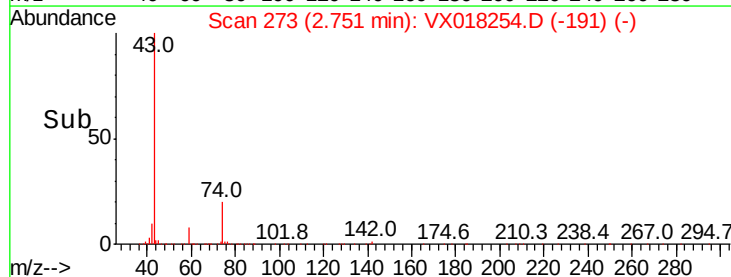
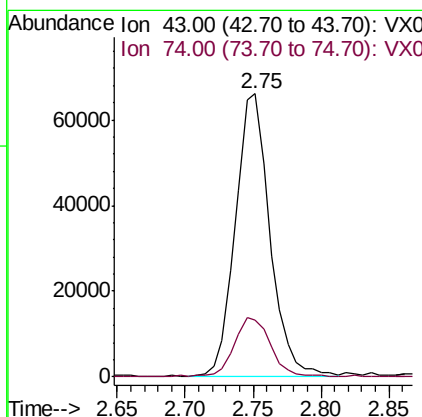
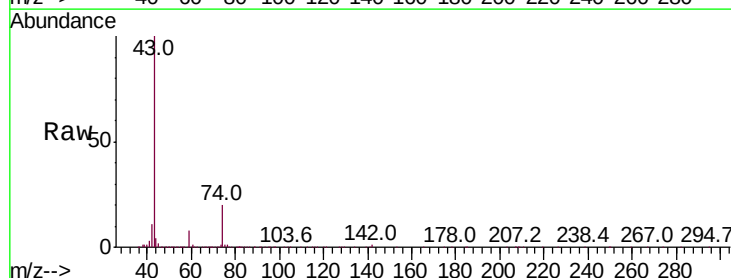
Instrument :
MSVOA_X
ClientSampleId :
ICVVX090420

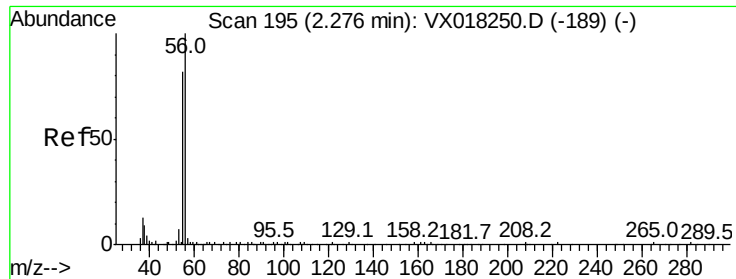
Tot Ion:142 Resp: 78637
Ion Ratio Lower Upper
142 100
127 48.3 24.6 74.0
141 15.8 7.0 21.0



#12
Methyl Acetate
Concen: 19.206 ug/l
RT: 2.75 min Scan# 273
Delta R.T. 0.00 min
Lab File: VX018254.D
Acq: 04 Sep 2020 12:36

Tgt Ion: 43 Resp: 116246
Ion Ratio Lower Upper
43 100
74 19.9 18.0 27.0





#13

Acrolein

Concen: 83.410 ug/l

RT: 2.28 min Scan# 195

Delta R.T. 0.00 min

Lab File: VX018254.D

Acq: 04 Sep 2020 12:36

Instrument :

MSVOA_X

ClientSampleId :

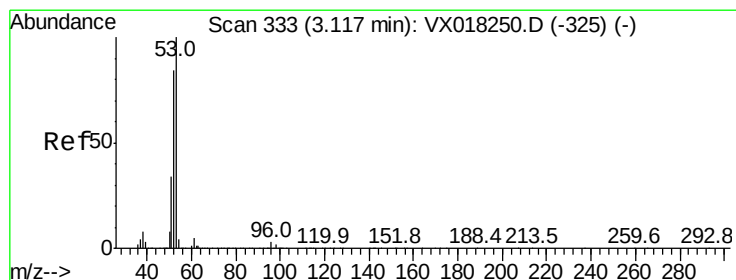
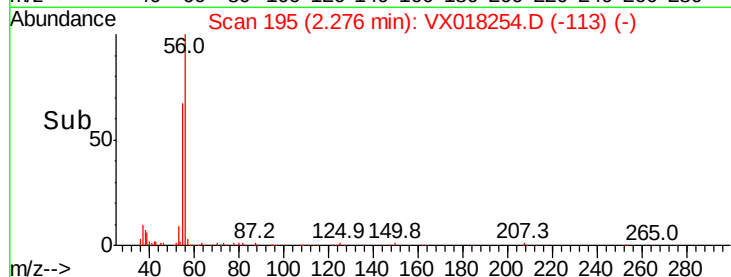
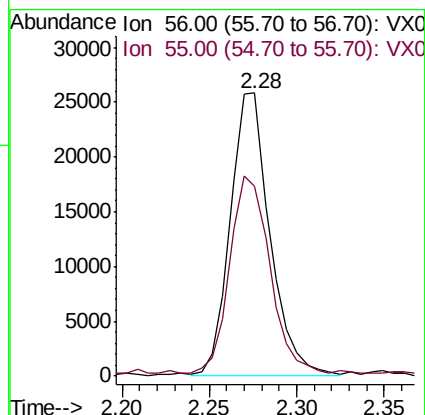
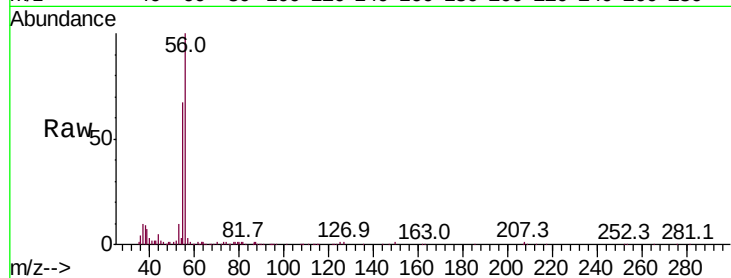
ICVVX090420

Tot Ion: 56 Resp: 40744

Ion Ratio Lower Upper

56 100

55 71.1 59.7 89.5



#14

Acrylonitrile

Concen: 93.479 ug/l

RT: 3.12 min Scan# 333

Delta R.T. 0.00 min

Lab File: VX018254.D

Acq: 04 Sep 2020 12:36

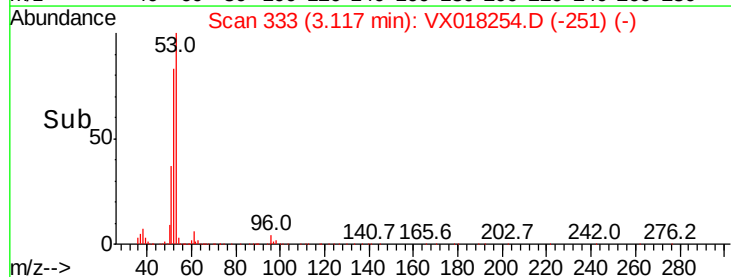
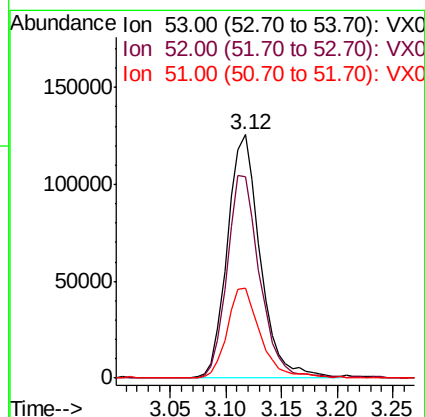
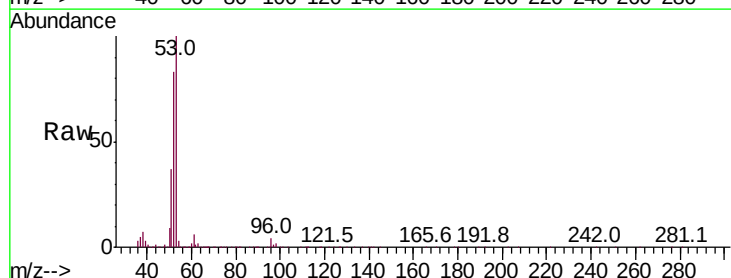
Tgt Ion: 53 Resp: 256374

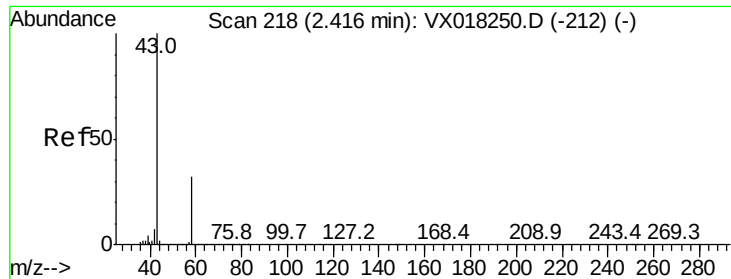
Ion Ratio Lower Upper

53 100

52 82.3 41.9 125.7

51 36.7 18.3 54.8





#15

Acetone

Concen: 96.457 ug/l

RT: 2.42 min Scan# 218

Delta R.T. 0.00 min

Lab File: VX018254.D

Acq: 04 Sep 2020 12:36

Instrument :

MSVOA_X

ClientSampleId :

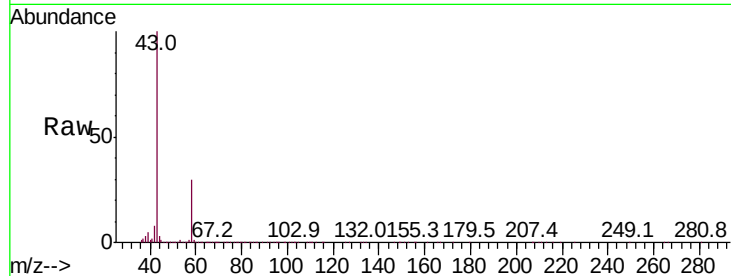
ICVVX090420

Tot Ion: 58 Resp: 71925

Ion Ratio Lower Upper

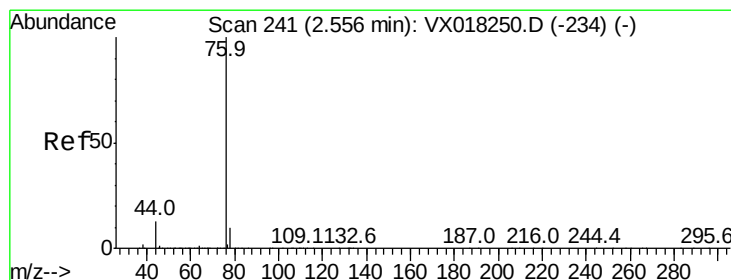
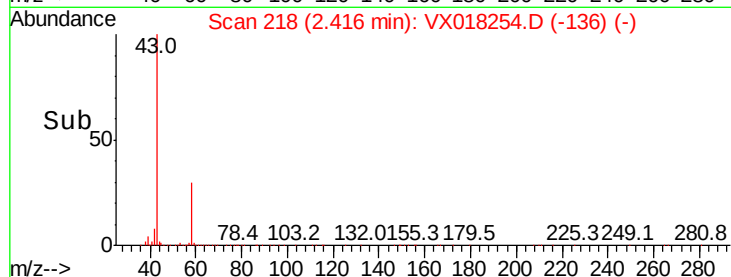
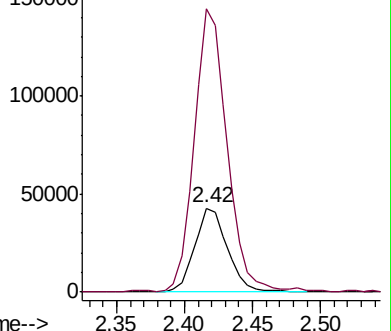
58 100

43 337.6 248.2 372.2



Abundance Ion 58.00 (57.70 to 58.70): VX0

Ion 43.00 (42.70 to 43.70): VX0



#16

Carbon Disulfide

Concen: 19.232 ug/l

RT: 2.55 min Scan# 240

Delta R.T. -0.01 min

Lab File: VX018254.D

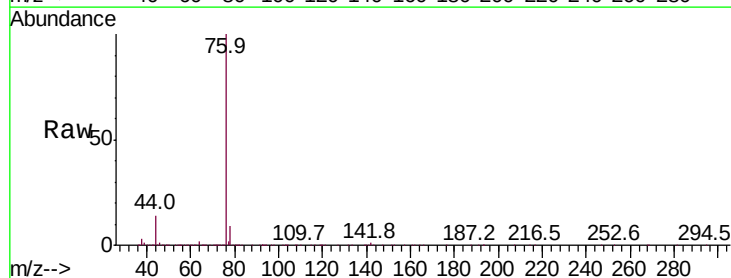
Acq: 04 Sep 2020 12:36

Tgt Ion: 76 Resp: 257490

Ion Ratio Lower Upper

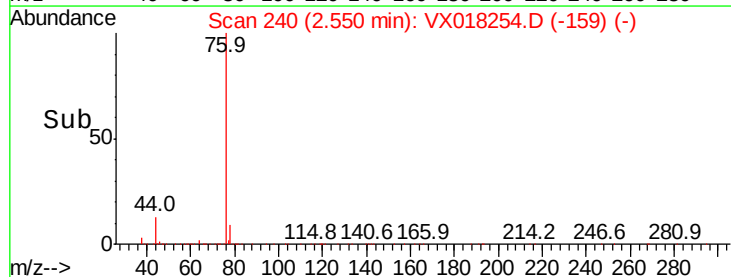
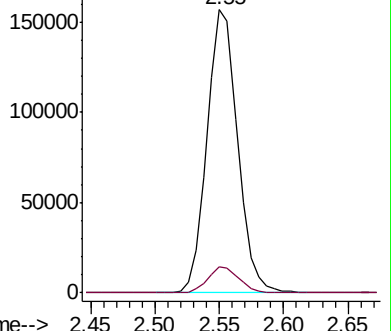
76 100

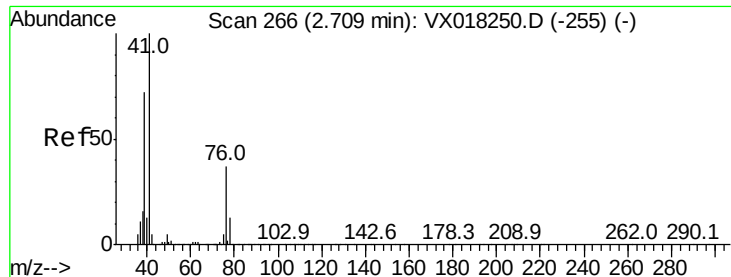
78 9.2 7.8 11.6



Abundance Ion 76.00 (75.70 to 76.70): VX0

Ion 78.00 (77.70 to 78.70): VX0

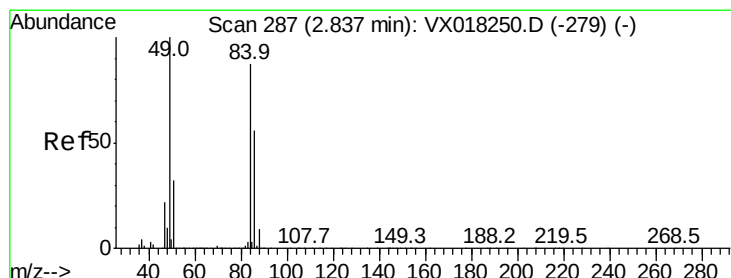
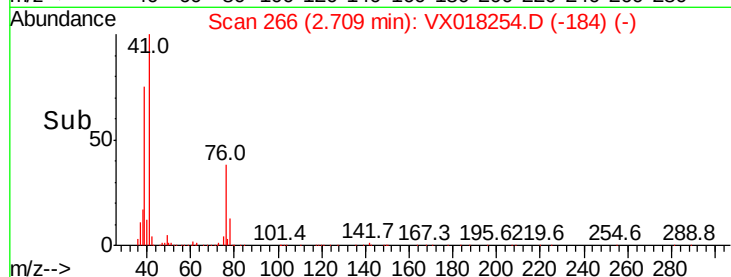
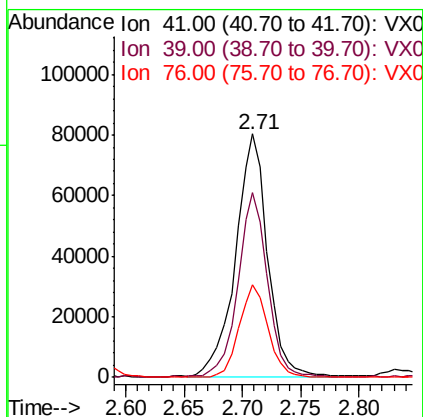
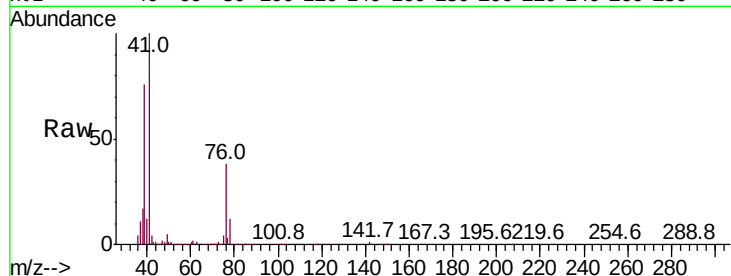




#17
Allvl chloride
Concen: 18.620 ug/l
RT: 2.71 min Scan# 266
Delta R.T. 0.00 min
Lab File: VX018254.D
Acq: 04 Sep 2020 12:36

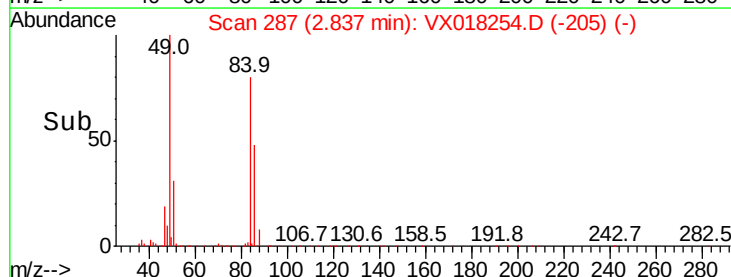
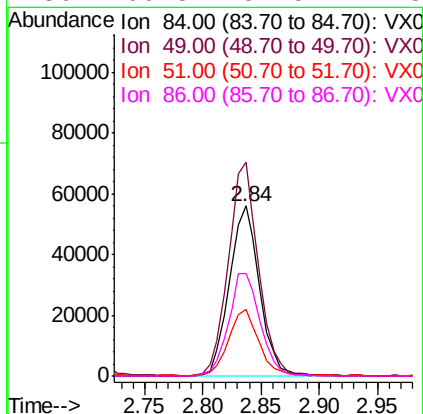
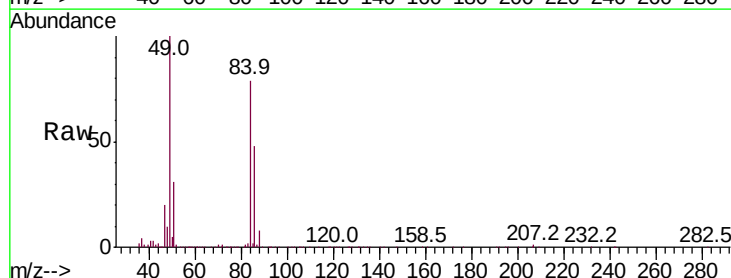
Instrument :
MSVOA_X
ClientSampleId :
ICVVX090420

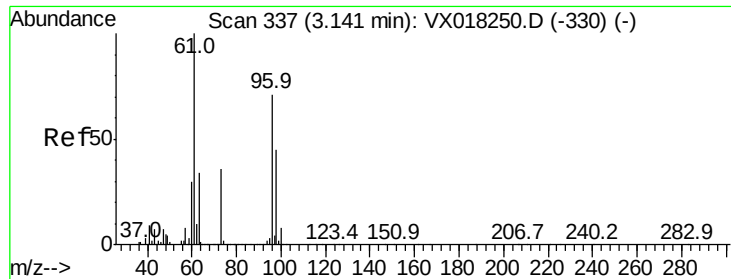
Tot Ion: 41 Resp: 153032
Ion Ratio Lower Upper
41 100
39 75.9 36.0 108.1
76 38.2 18.6 55.6



#18
Methylene Chloride
Concen: 18.676 ug/l
RT: 2.84 min Scan# 287
Delta R.T. 0.00 min
Lab File: VX018254.D
Acq: 04 Sep 2020 12:36

Tgt Ion: 84 Resp: 100788
Ion Ratio Lower Upper
84 100
49 125.8 91.6 137.4
51 39.1 29.4 44.0
86 60.8 51.5 77.3





#19

trans-1,2-Dichloroethene

Concen: 19.291 ug/l

RT: 3.14 min Scan# 337

Delta R.T. 0.00 min

Lab File: VX018254.D

Acq: 04 Sep 2020 12:36

Instrument :

MSVOA_X

ClientSampleId :

ICVVX090420

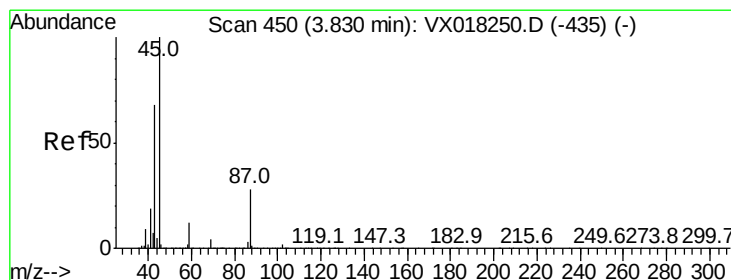
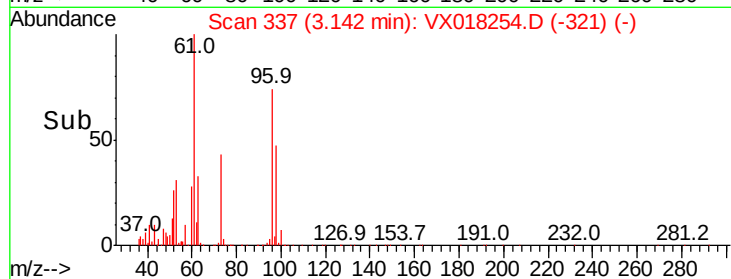
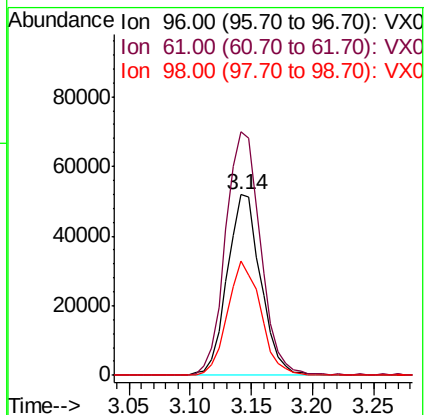
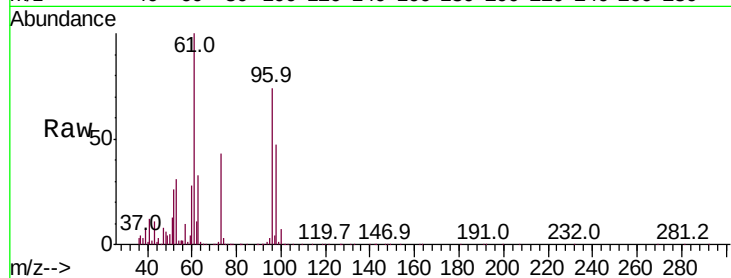
Tot Ion: 96 Resp: 98483

Ion Ratio Lower Upper

96 100

61 134.8 112.8 169.2

98 63.8 51.0 76.4



#20

Diisopropyl ether

Concen: 19.013 ug/l

RT: 3.82 min Scan# 449

Delta R.T. -0.01 min

Lab File: VX018254.D

Acq: 04 Sep 2020 12:36

Tgt Ion: 45 Resp: 309341

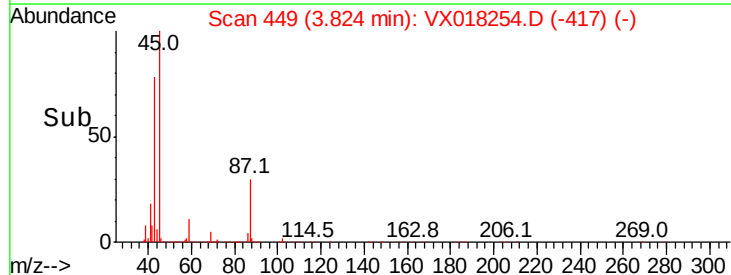
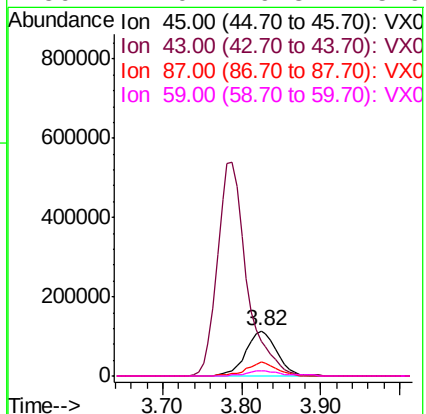
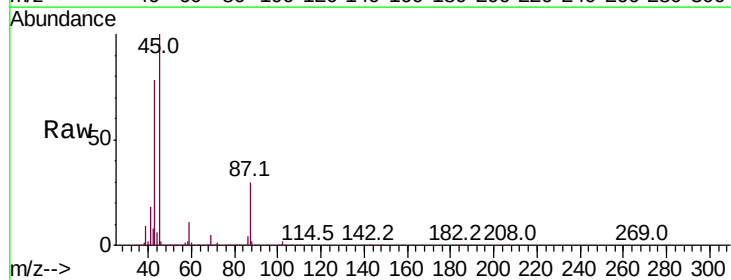
Ion Ratio Lower Upper

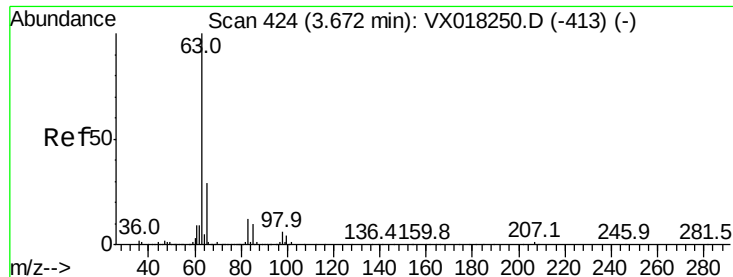
45 100

43 77.7 54.5 81.7

87 30.1 22.2 33.2

59 11.0 9.3 13.9





#21

1,1-Dichloroethane

Concen: 19.198 ug/l

RT: 3.67 min Scan# 424

Delta R.T. 0.00 min

Lab File: VX018254.D

Acq: 04 Sep 2020 12:36

Instrument :

MSVOA_X

ClientSampleId :

ICVX090420

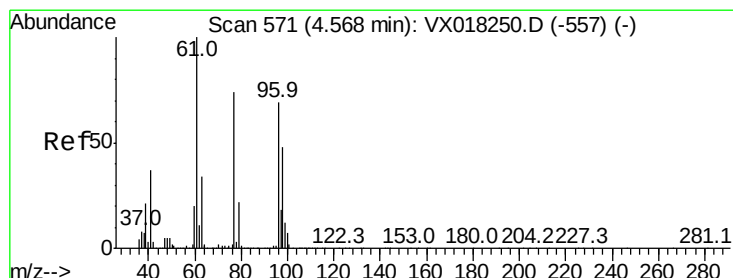
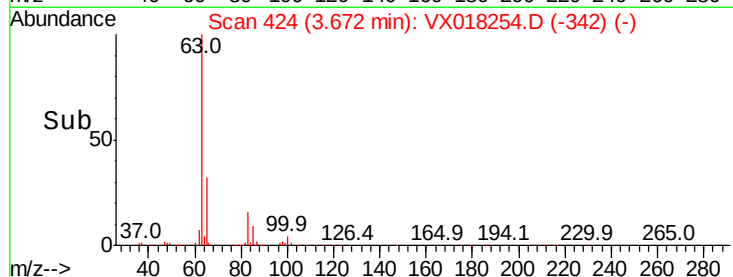
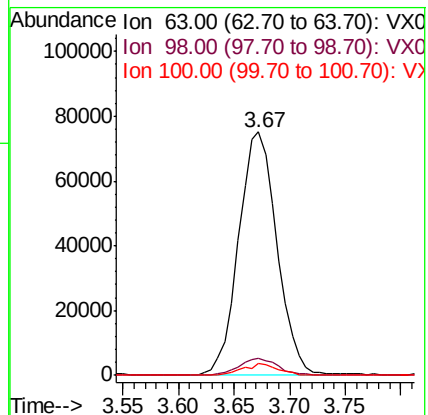
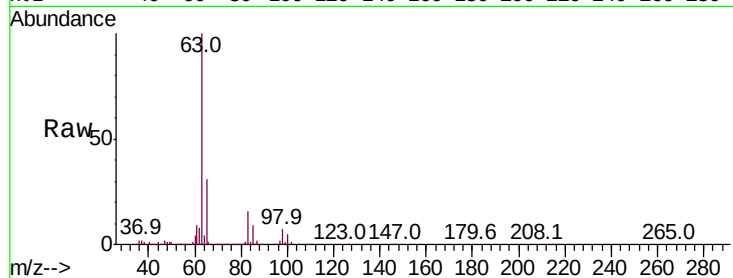
Tot Ion: 63 Resp: 179290

Ion Ratio Lower Upper

63 100

98 7.0 3.2 9.6

100 5.1 2.1 6.3



#22

cis-1,2-Dichloroethene

Concen: 19.129 ug/l

RT: 4.56 min Scan# 570

Delta R.T. -0.01 min

Lab File: VX018254.D

Acq: 04 Sep 2020 12:36

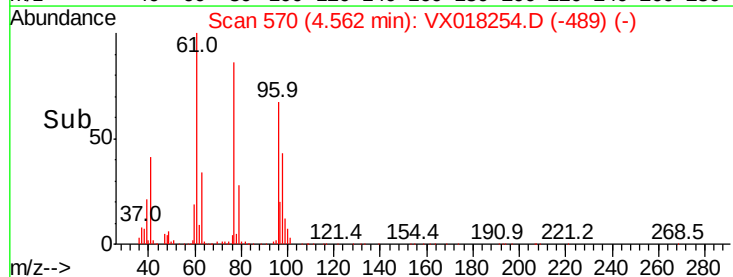
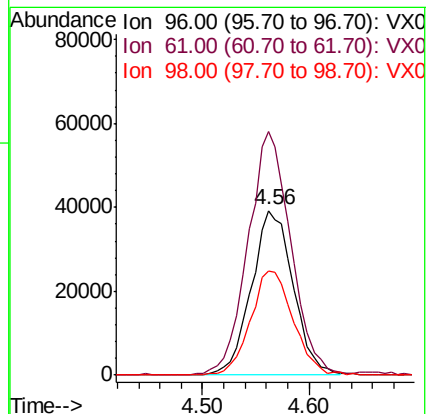
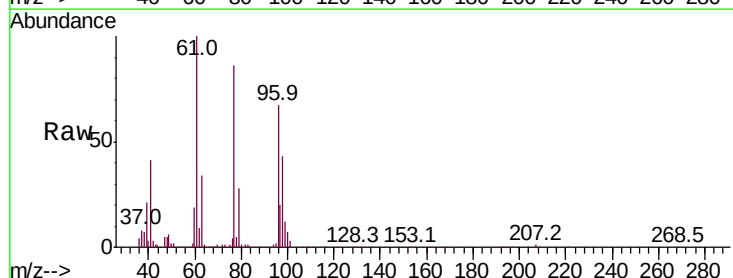
Tgt Ion: 96 Resp: 108050

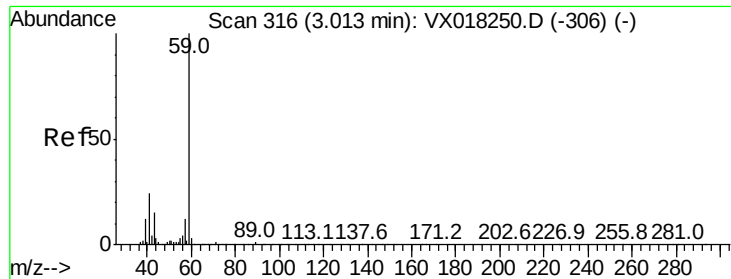
Ion Ratio Lower Upper

96 100

61 150.7 116.2 174.4

98 63.6 52.5 78.7



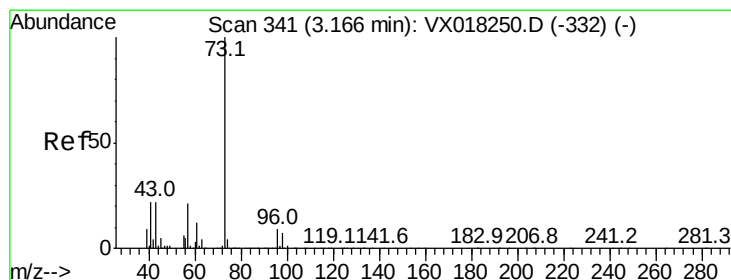
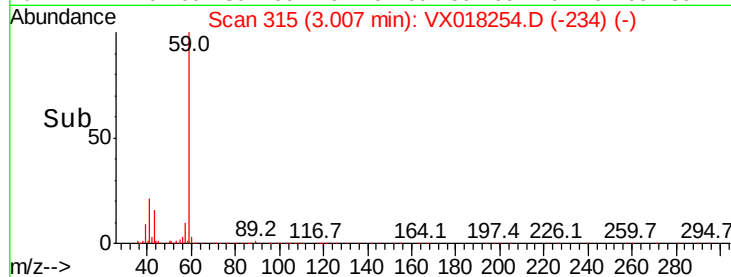
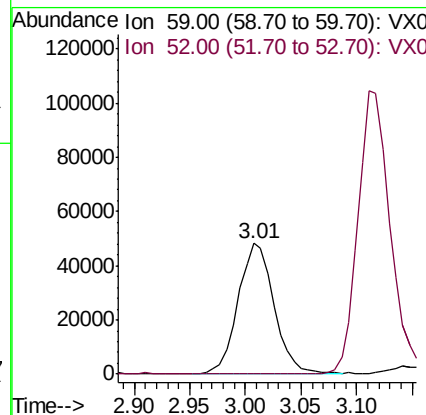
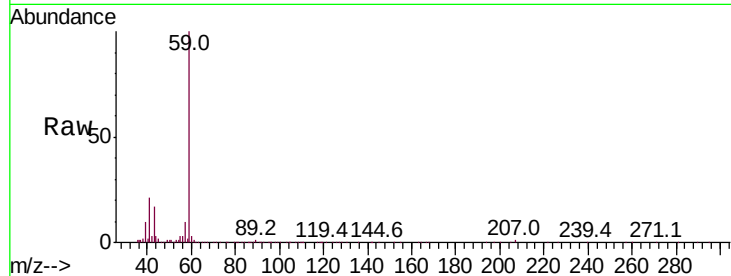


#23

tert-Butyl Alcohol
 Concen: 91.478 ug/l
 RT: 3.01 min Scan# 315
 Delta R.T. -0.01 min
 Lab File: VX018254.D
 Acq: 04 Sep 2020 12:36

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX090420

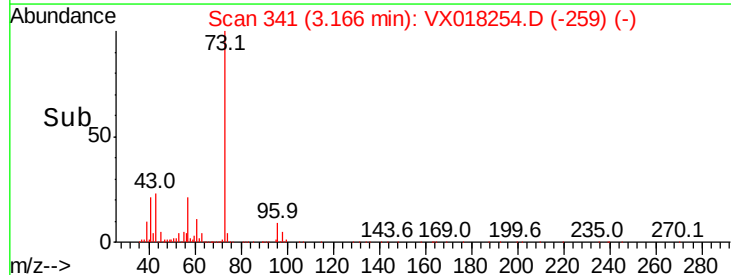
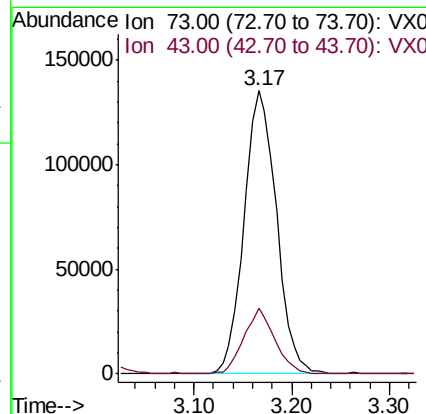
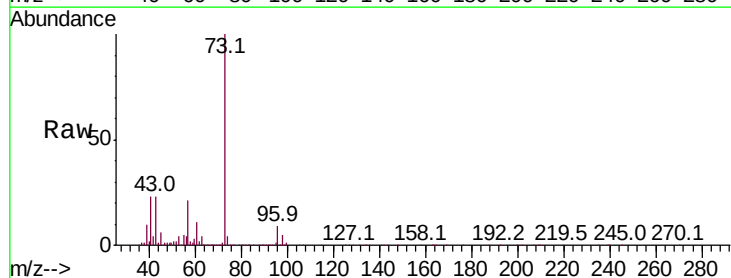
Tot Ion: 59 Resp: 108720
 Ion Ratio Lower Upper
 59 100
 52 0.3 0.4 0.6#

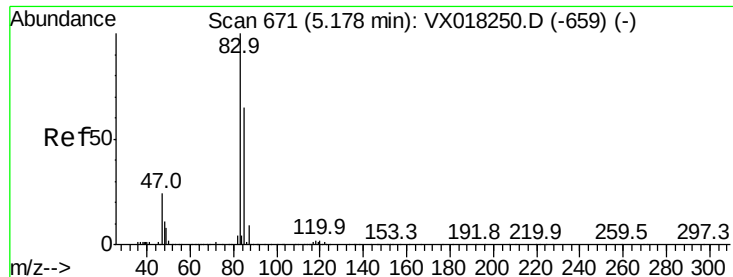


#24

Methyl tert-Butyl Ether
 Concen: 19.041 ug/l
 RT: 3.17 min Scan# 341
 Delta R.T. 0.00 min
 Lab File: VX018254.D
 Acq: 04 Sep 2020 12:36

Tgt Ion: 73 Resp: 311265
 Ion Ratio Lower Upper
 73 100
 43 22.1 17.8 26.6

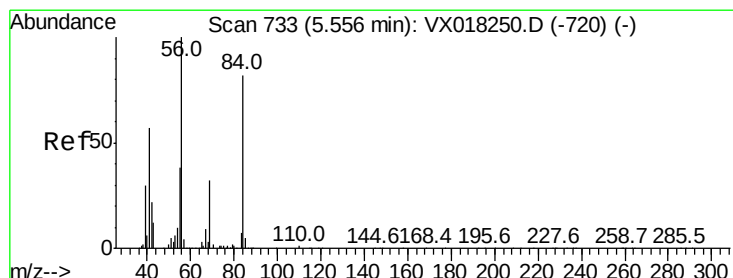
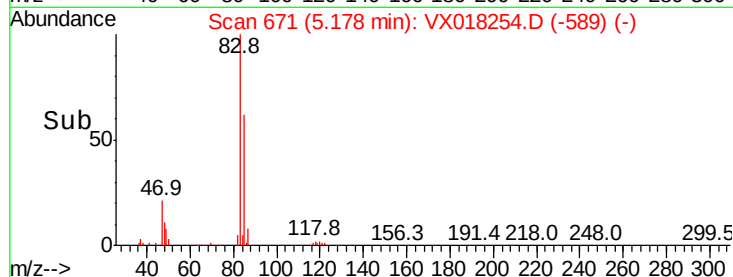
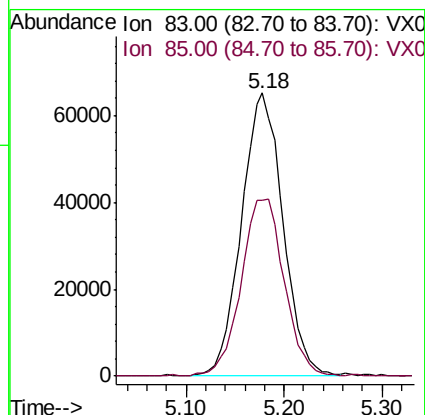
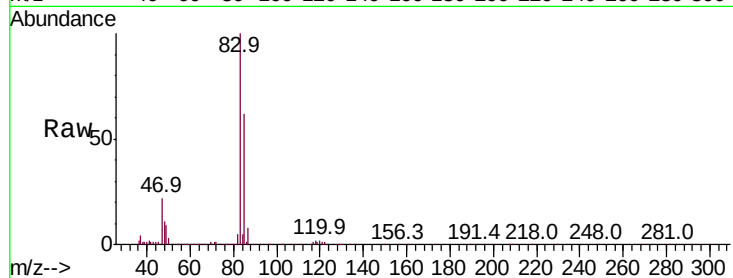




#25
Chloroform
Concen: 19.016 ug/l
RT: 5.18 min Scan# 671
Delta R.T. 0.00 min
Lab File: VX018254.D
Acq: 04 Sep 2020 12:36

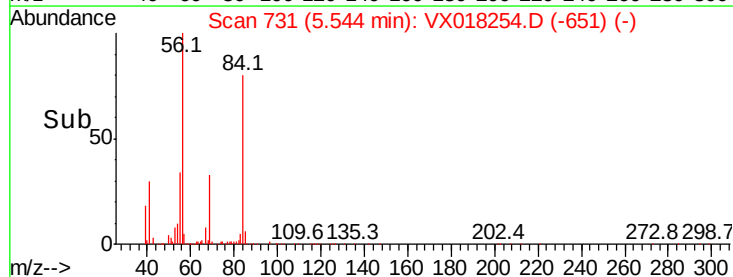
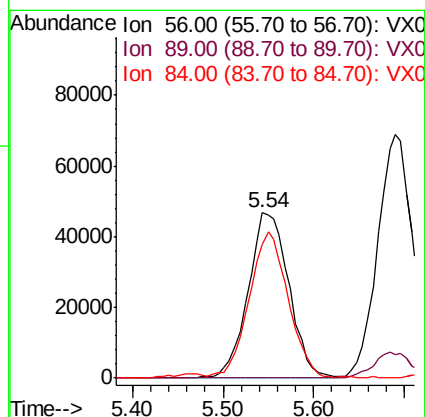
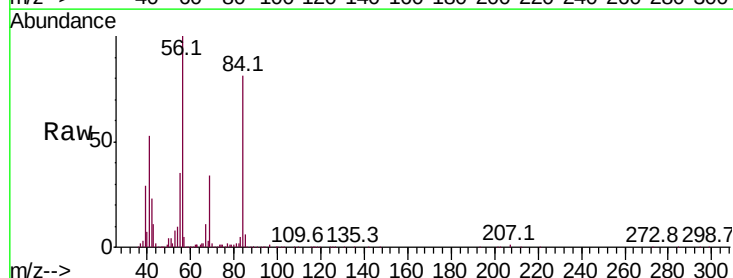
Instrument :
MSVOA_X
ClientSampleId :
ICVVX090420

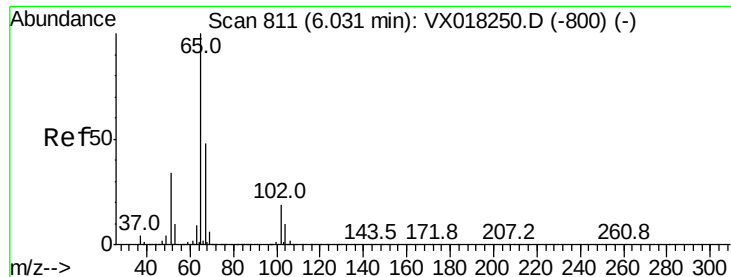
Tot Ion: 83 Resp: 189530
Ion Ratio Lower Upper
83 100
85 62.2 51.6 77.4



#26
Cyclohexane
Concen: 19.165 ug/l
RT: 5.54 min Scan# 731
Delta R.T. -0.01 min
Lab File: VX018254.D
Acq: 04 Sep 2020 12:36

Tgt Ion: 56 Resp: 144466
Ion Ratio Lower Upper
56 100
89 0.1 0.1 0.1#
84 85.4 41.0 61.4#





#27

1,2-Dichloroethane-d4

Concen: 29.751 ug/l

RT: 6.03 min Scan# 811

Delta R.T. 0.00 min

Lab File: VX018254.D

Acq: 04 Sep 2020 12:36

Instrument :

MSVOA_X

ClientSampleId :

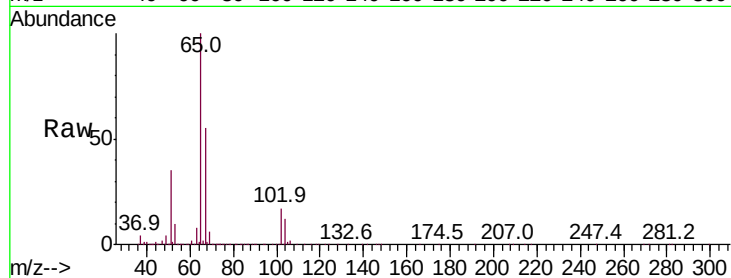
ICVVX090420

Tot Ion: 65 Resp: 214547

Ion Ratio Lower Upper

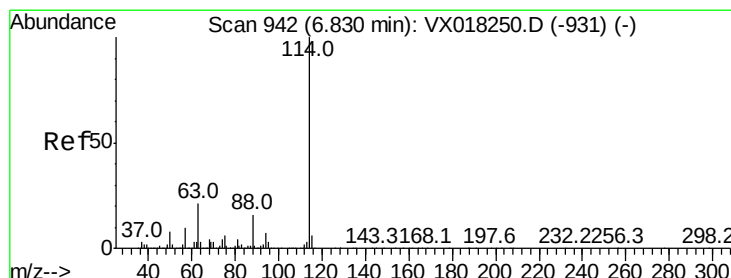
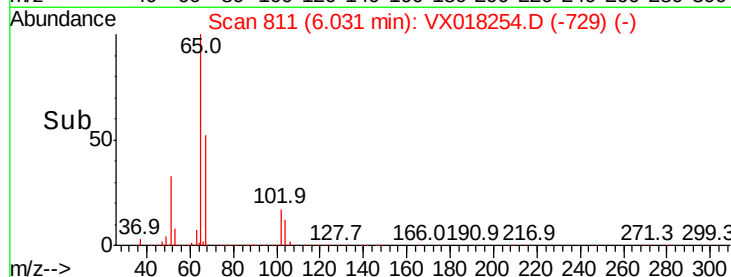
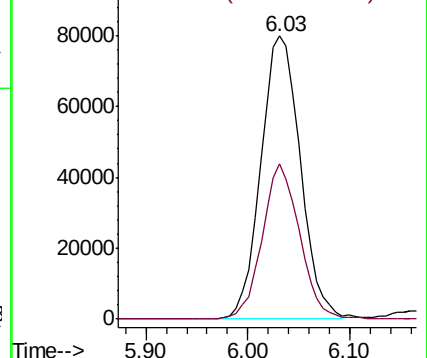
65 100

67 51.3 39.9 59.9



Abundance Ion 65.00 (64.70 to 65.70): VX0

Ion 67.00 (66.70 to 67.70): VX0



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. 0.00 min

Lab File: VX018254.D

Acq: 04 Sep 2020 12:36

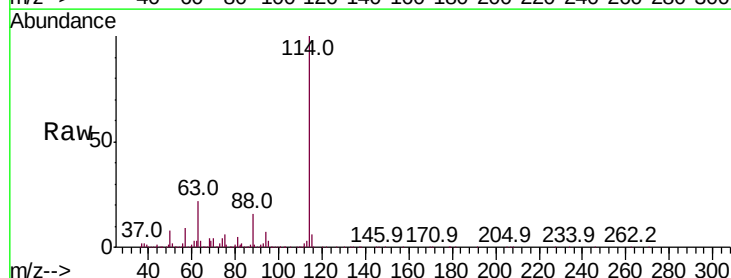
Tgt Ion: 114 Resp: 472640

Ion Ratio Lower Upper

114 100

63 20.8 16.7 25.1

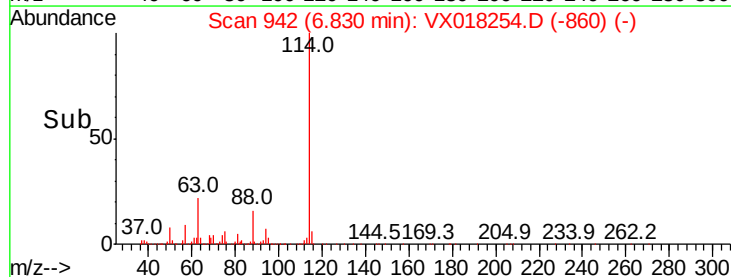
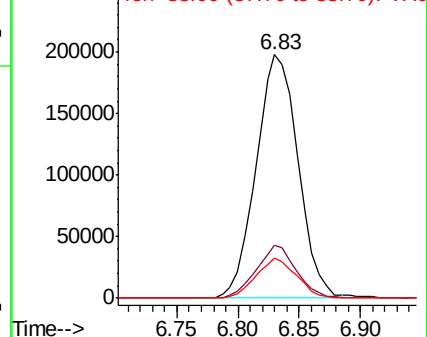
88 15.8 12.6 18.8

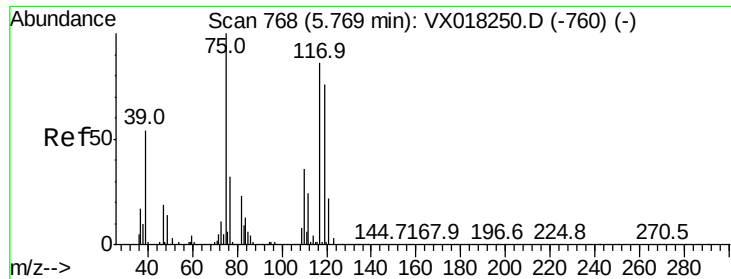


Abundance Ion 114.00 (113.70 to 114.70): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 88.00 (87.70 to 88.70): VX0





#29

1,1-Dichloropropene

Concen: 19.500 ug/l

RT: 5.77 min Scan# 768

Delta R.T. 0.00 min

Lab File: VX018254.D

Acq: 04 Sep 2020 12:36

Instrument :

MSVOA_X

ClientSampleId :

ICVVX090420

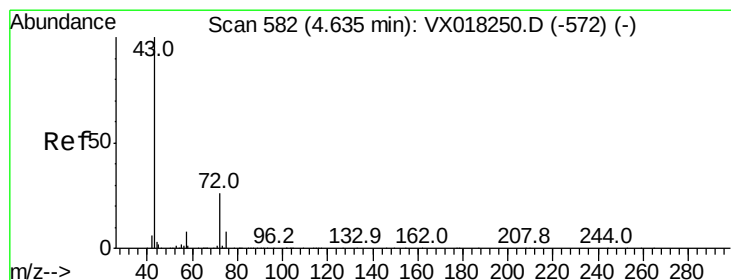
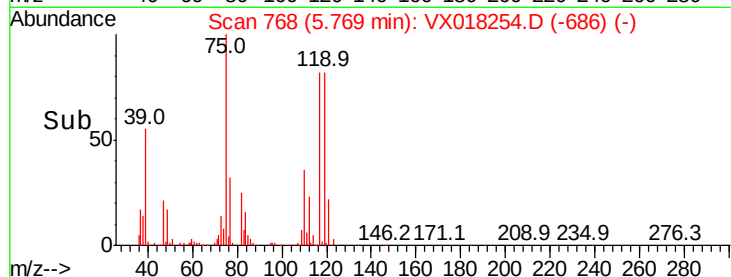
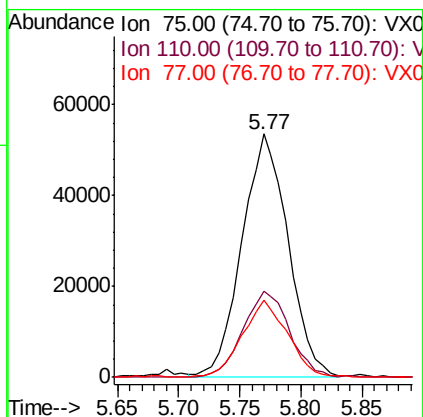
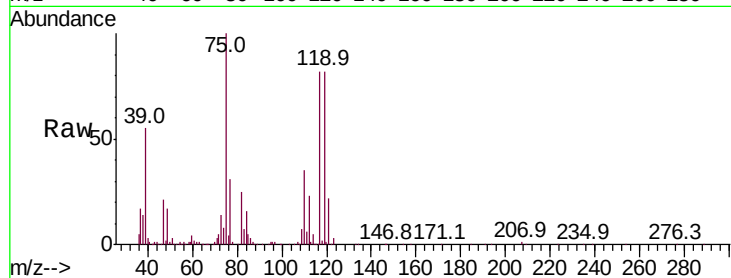
Tot Ion: 75 Resp: 140687

Ion Ratio Lower Upper

75 100

110 35.5 0.0 72.2

77 31.4 0.0 61.0



#30

2-Butanone

Concen: 92.931 ug/l

RT: 4.64 min Scan# 582

Delta R.T. 0.00 min

Lab File: VX018254.D

Acq: 04 Sep 2020 12:36

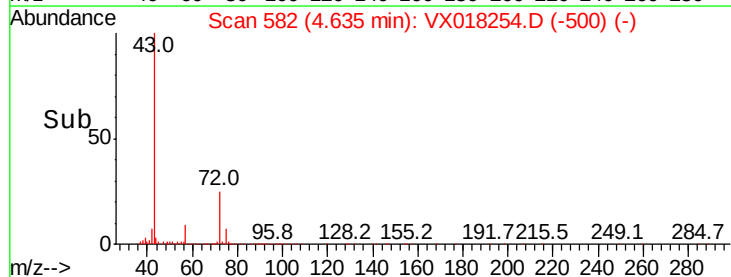
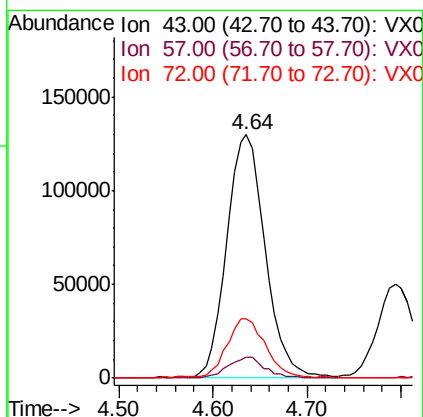
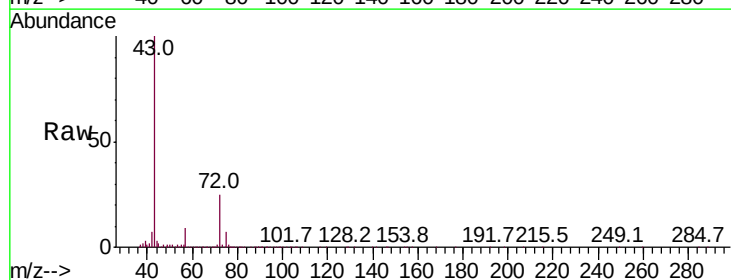
Tgt Ion: 43 Resp: 367113

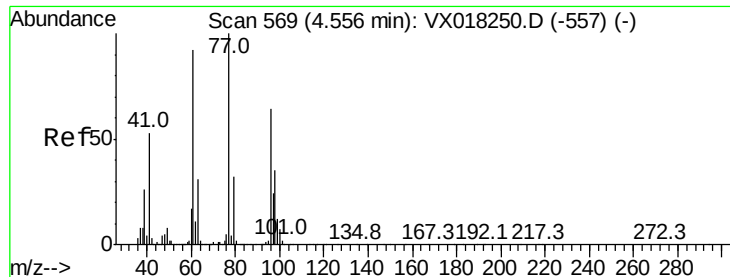
Ion Ratio Lower Upper

43 100

57 8.0 6.7 10.1

72 24.8 20.0 30.0





#31

2,2-Dichloropropane

Concen: 19.518 ug/l

RT: 4.55 min Scan# 568

Delta R.T. -0.01 min

Lab File: VX018254.D

Acq: 04 Sep 2020 12:36

Instrument :

MSVOA_X

ClientSampleId :

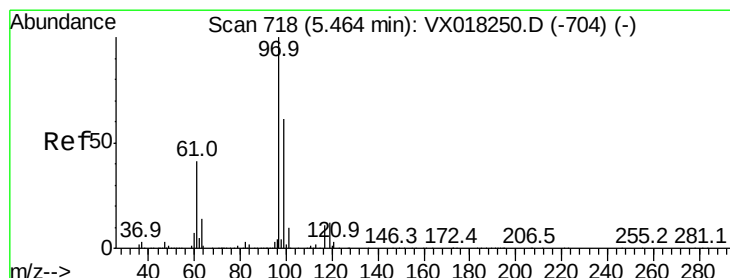
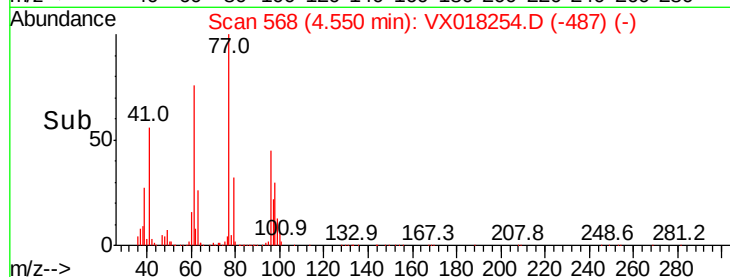
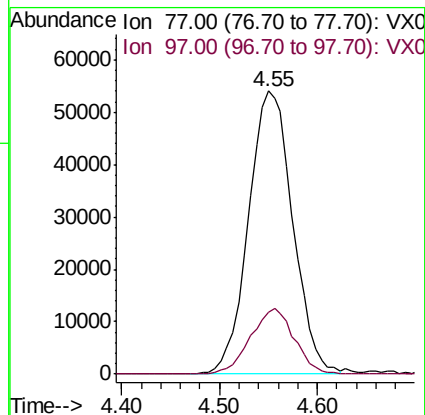
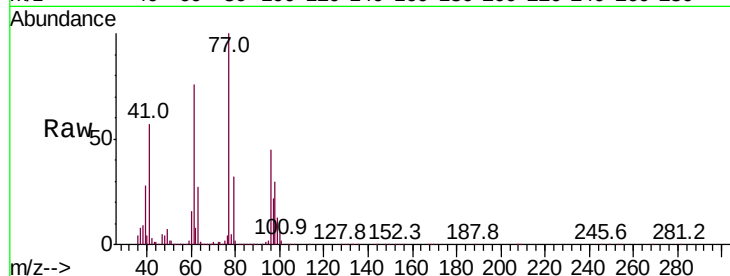
ICVVX090420

Tot Ion: 77 Resp: 170096

Ion Ratio Lower Upper

77 100

97 23.0 18.1 27.1



#32

1,1,1-Trichloroethane

Concen: 19.009 ug/l

RT: 5.46 min Scan# 718

Delta R.T. 0.00 min

Lab File: VX018254.D

Acq: 04 Sep 2020 12:36

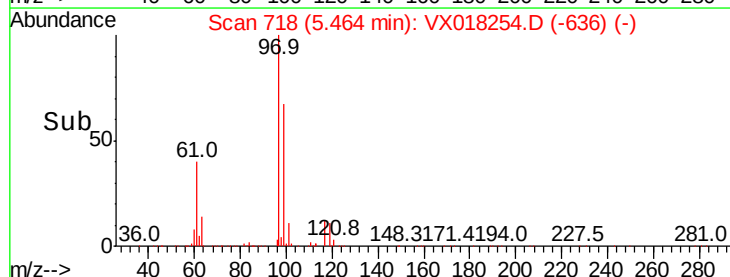
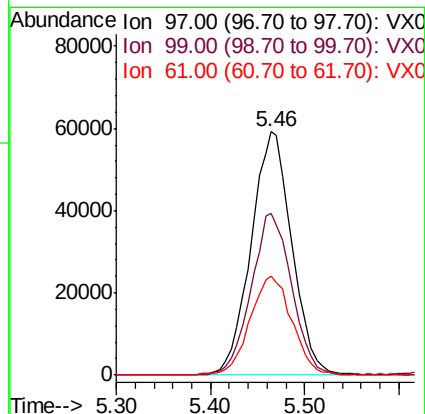
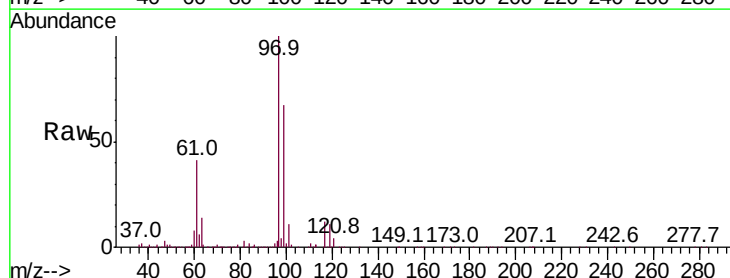
Tgt Ion: 97 Resp: 179508

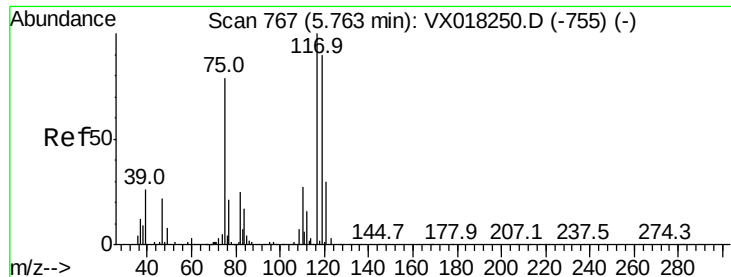
Ion Ratio Lower Upper

97 100

99 65.9 50.7 76.1

61 40.8 34.5 51.7





#33

Carbon Tetrachloride

Concen: 18.724 ug/l

RT: 5.76 min Scan# 766

Delta R.T. -0.01 min

Lab File: VX018254.D

Acq: 04 Sep 2020 12:36

Instrument :

MSVOA_X

ClientSampleId :

ICVVX090420

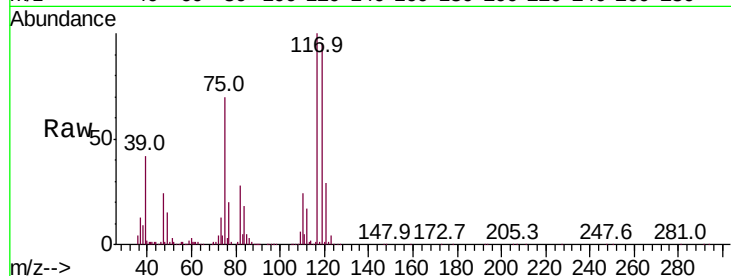
Tot Ion:117 Resp: 164765

Ion Ratio Lower Upper

117 100

119 95.5 72.3 108.5

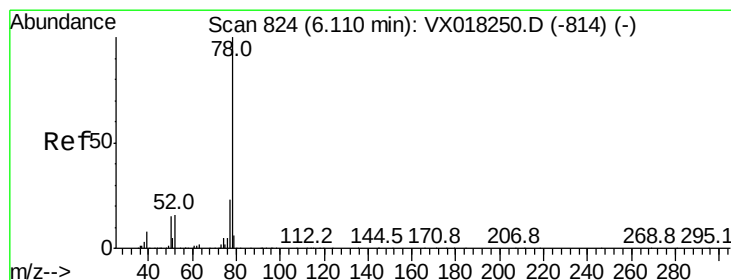
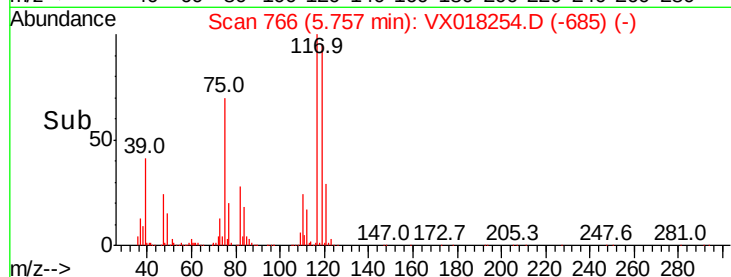
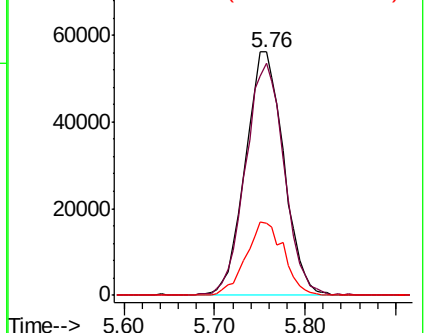
121 29.4 24.1 36.1



Abundance Ion 117.00 (116.70 to 117.70): V

Ion 119.00 (118.70 to 119.70): V

Ion 121.00 (120.70 to 121.70): V



#34

Benzene

Concen: 18.361 ug/l

RT: 6.11 min Scan# 824

Delta R.T. 0.00 min

Lab File: VX018254.D

Acq: 04 Sep 2020 12:36

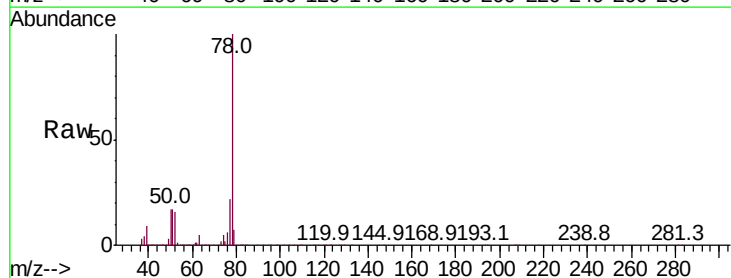
Tgt Ion: 78 Resp: 378129

Ion Ratio Lower Upper

78 100

77 21.6 18.3 27.5

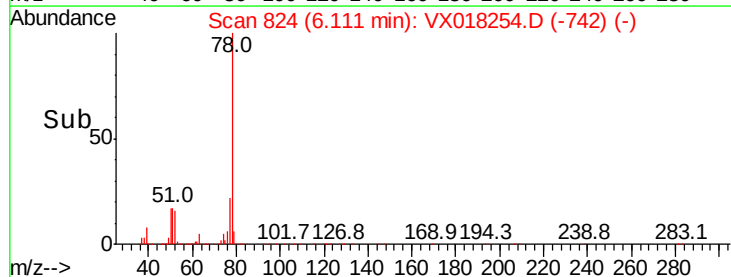
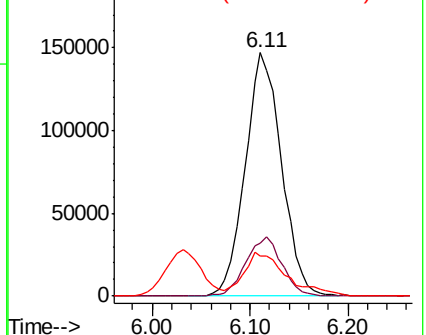
51 15.5 11.3 16.9

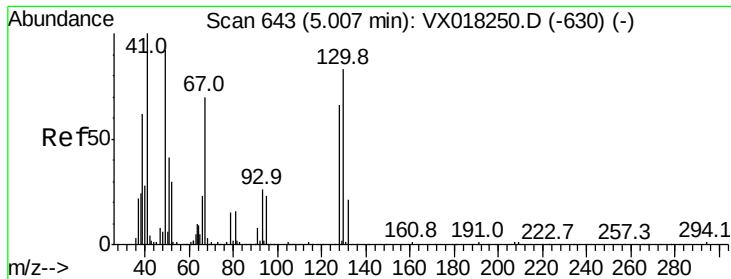


Abundance Ion 78.10 (77.80 to 78.80): VX0

Ion 77.00 (76.70 to 77.70): VX0

Ion 51.00 (50.70 to 51.70): VX0

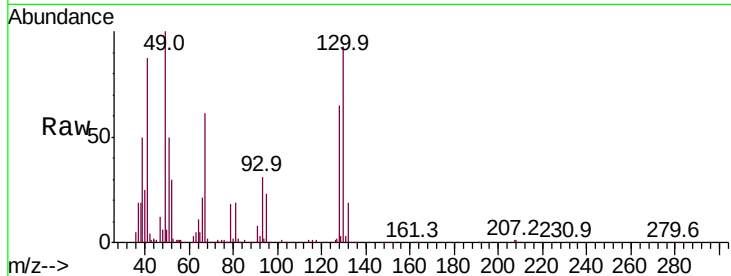




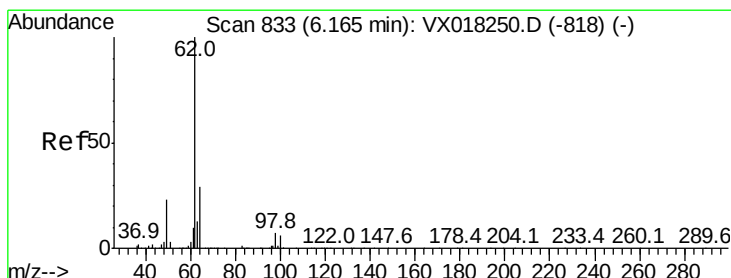
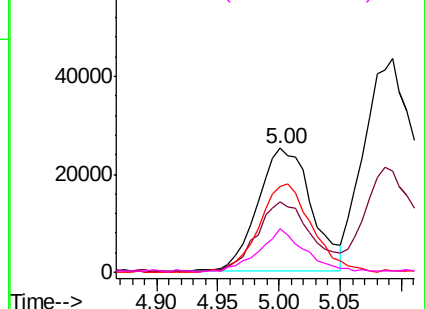
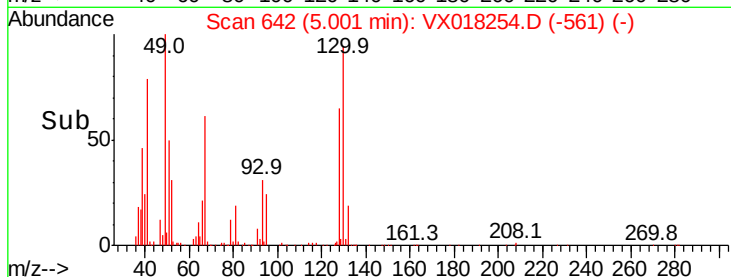
#35
Methacrylonitrile
Concen: 18.619 ug/l
RT: 5.00 min Scan# 642
Delta R.T. -0.01 min
Lab File: VX018254.D
Acq: 04 Sep 2020 12:36

Instrument :
MSVOA_X
ClientSampleId :
ICVVX090420

Tot Ion:	41	Resp:	77512
Ion	Ratio	Lower	Upper
41	100		
39	56.2	31.3	93.9
67	69.8	35.4	106.2
52	33.6	14.9	44.5

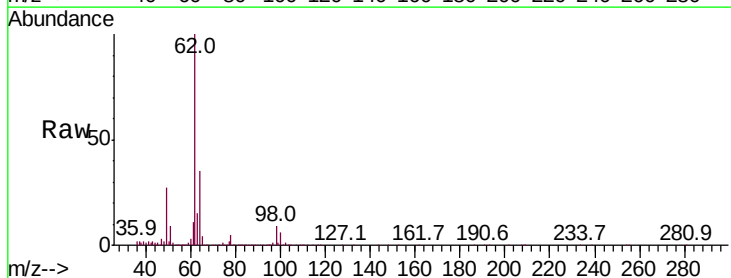


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

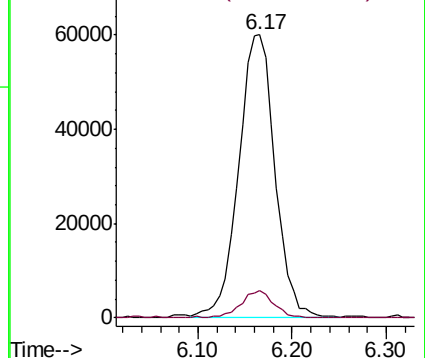
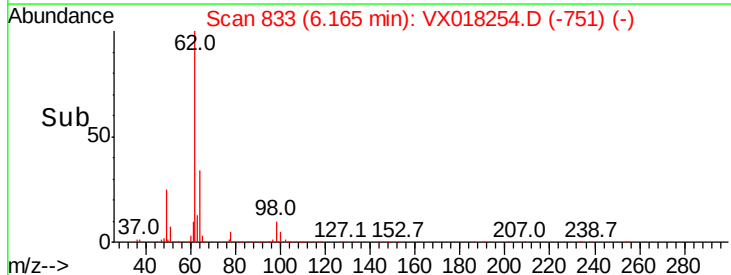


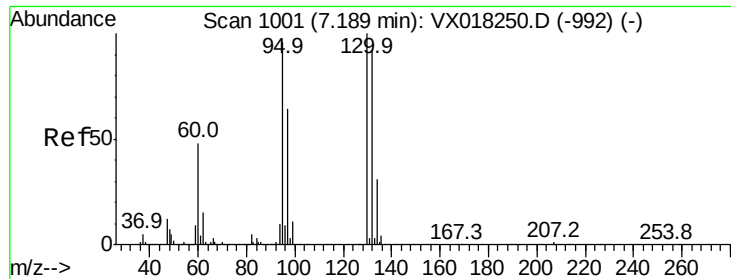
#36
1,2-Dichloroethane
Concen: 18.762 ug/l
RT: 6.17 min Scan# 833
Delta R.T. 0.00 min
Lab File: VX018254.D
Acq: 04 Sep 2020 12:36

Tgt Ion:	62	Resp:	159910
Ion	Ratio	Lower	Upper
62	100		
98	8.9	0.0	0.0#



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

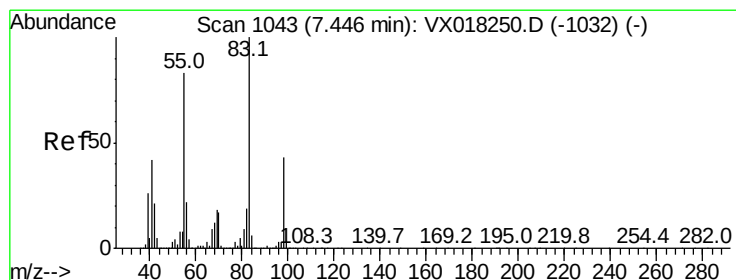
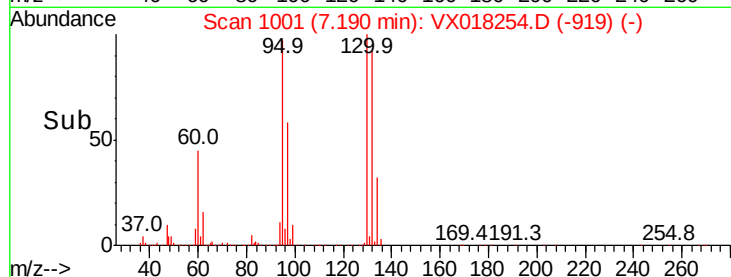
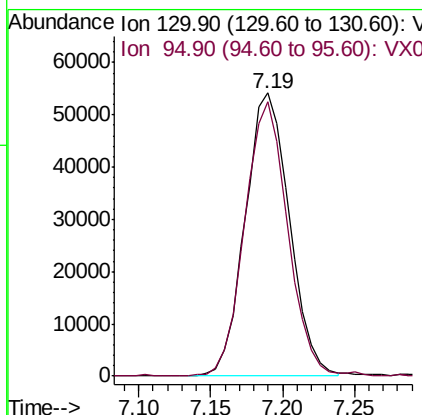
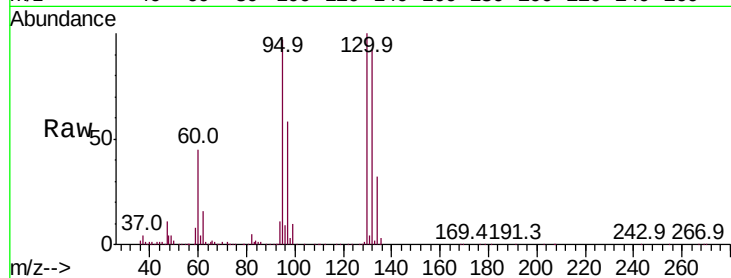




#37
 Trichloroethene
 Concen: 19.369 ug/l
 RT: 7.19 min Scan# 1001
 Delta R.T. 0.00 min
 Lab File: VX018254.D
 Acq: 04 Sep 2020 12:36

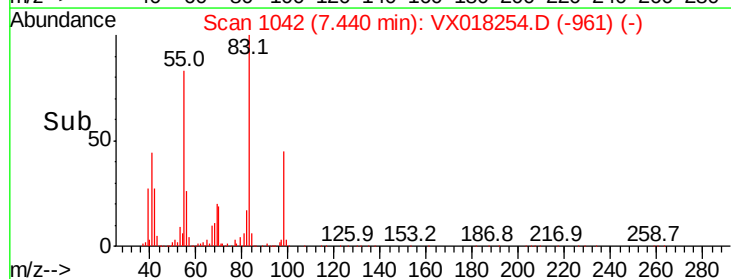
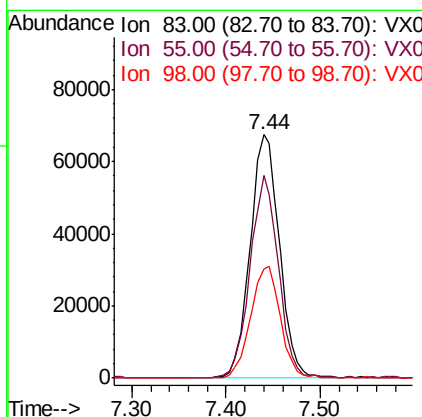
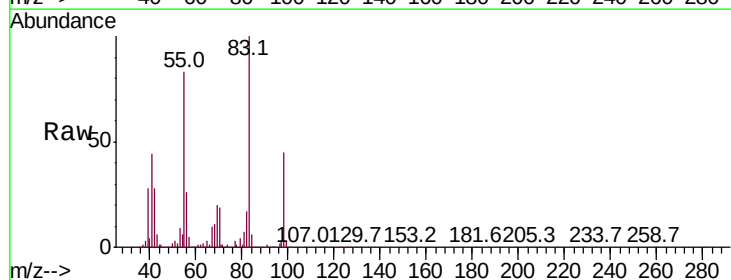
Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX090420

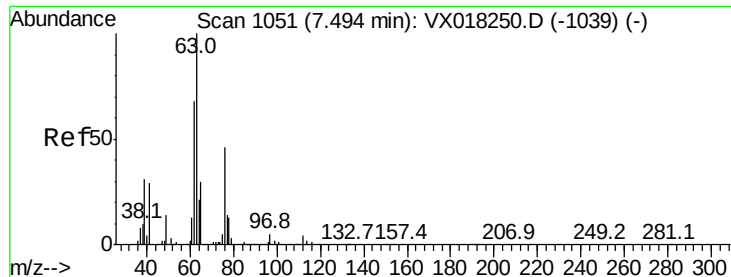
Tot Ion:130 Resp: 115347
 Ion Ratio Lower Upper
 130 100
 95 96.7 76.9 115.3



#38
 Methylcyclohexane
 Concen: 19.258 ug/l
 RT: 7.44 min Scan# 1042
 Delta R.T. -0.01 min
 Lab File: VX018254.D
 Acq: 04 Sep 2020 12:36

Tgt Ion: 83 Resp: 147996
 Ion Ratio Lower Upper
 83 100
 55 79.6 41.1 123.4
 98 46.2 24.0 72.0





#39

1,2-Dichloropropane

Concen: 18.151 ug/l

RT: 7.49 min Scan# 1050

Delta R.T. -0.01 min

Lab File: VX018254.D

Acq: 04 Sep 2020 12:36

Instrument :

MSVOA_X

ClientSampled :

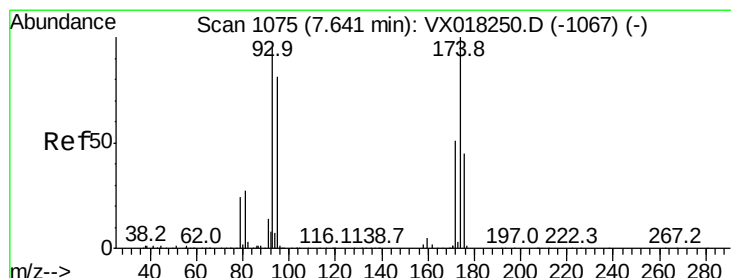
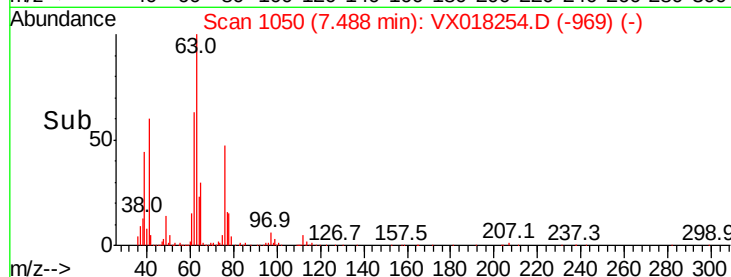
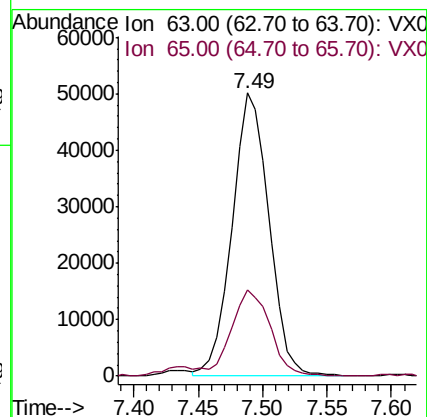
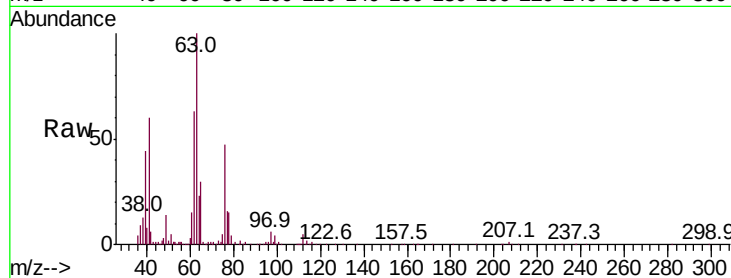
ICVX090420

Tot Ion: 63 Resp: 100122

Ion Ratio Lower Upper

63 100

65 30.1 25.7 38.5



#40

Dibromomethane

Concen: 18.758 ug/l

RT: 7.63 min Scan# 1074

Delta R.T. -0.01 min

Lab File: VX018254.D

Acq: 04 Sep 2020 12:36

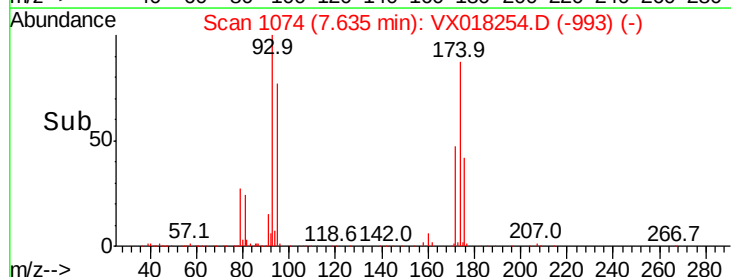
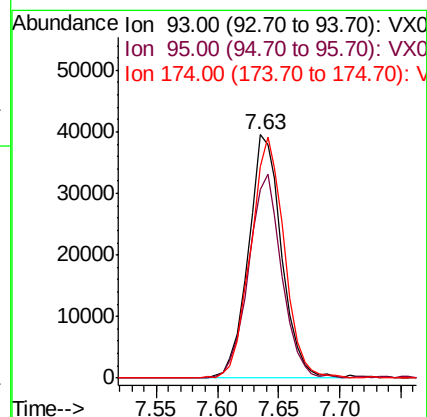
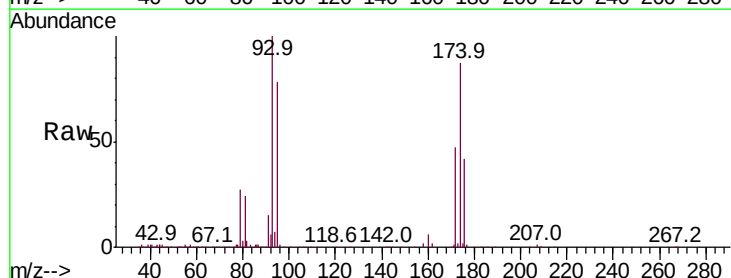
Tgt Ion: 93 Resp: 74718

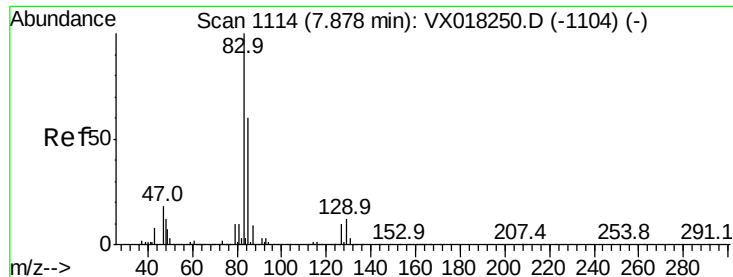
Ion Ratio Lower Upper

93 100

95 83.0 0.0 167.0

174 100.4 0.0 202.0





#41

Bromodichloromethane

Concen: 18.636 ug/l

RT: 7.88 min Scan# 1114

Delta R.T. 0.00 min

Lab File: VX018254.D

Acq: 04 Sep 2020 12:36

Instrument :

MSVOA_X

ClientSampleId :

ICVX090420

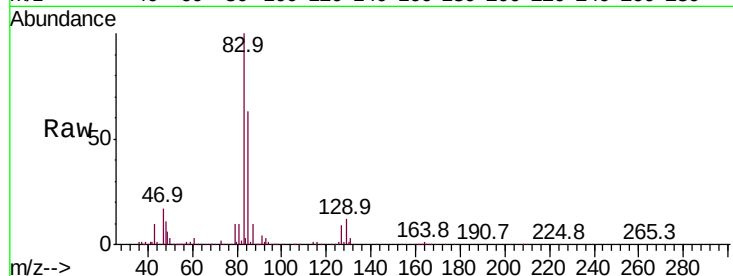
Tot Ion: 83 Resp: 153847

Ion	Ratio	Lower	Upper
83	100		
85	62.6	48.2	72.2
127	9.4	8.0	12.0

83 100

85 62.6 48.2 72.2

127 9.4 8.0 12.0

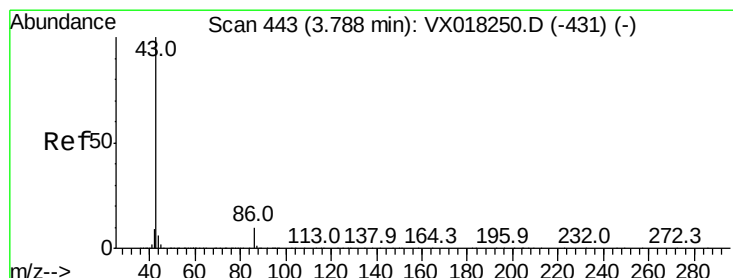
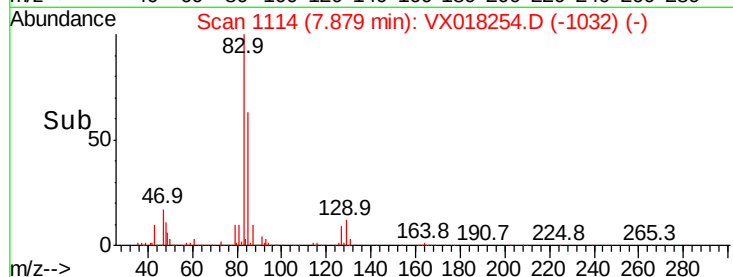
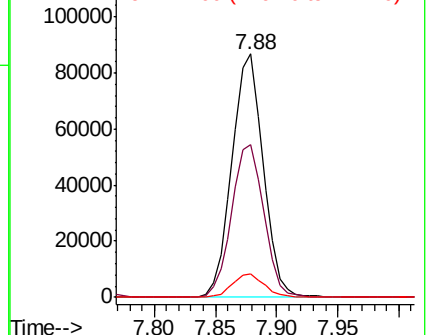


Abundance

Ion 83.00 (82.70 to 83.70): VX0

Ion 85.00 (84.70 to 85.70): VX0

Ion 127.00 (126.70 to 127.70): V



#42

Vinyl Acetate

Concen: 94.672 ug/l

RT: 3.79 min Scan# 443

Delta R.T. 0.00 min

Lab File: VX018254.D

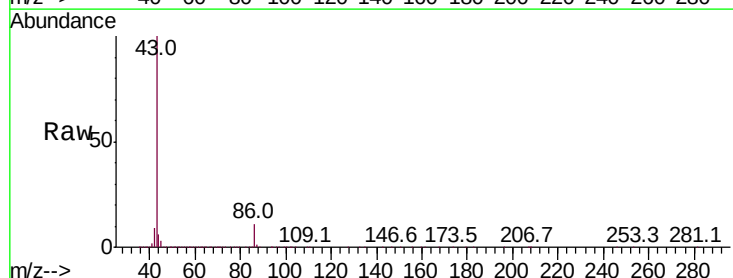
Acq: 04 Sep 2020 12:36

Tgt Ion: 43 Resp: 1395318

Ion	Ratio	Lower	Upper
43	100		
86	9.0	7.2	10.8

43 100

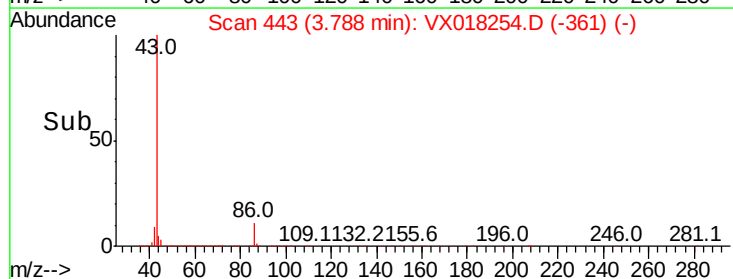
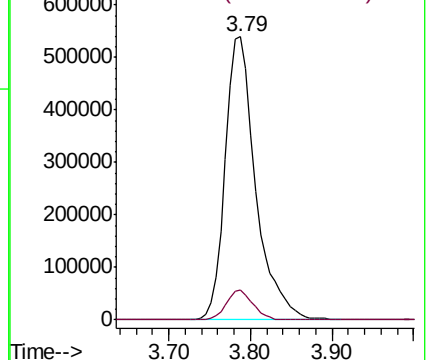
86 9.0 7.2 10.8

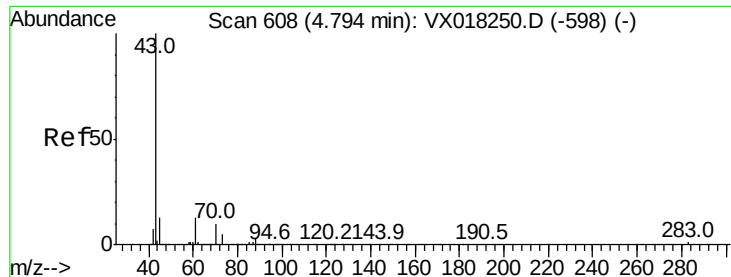


Abundance

Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

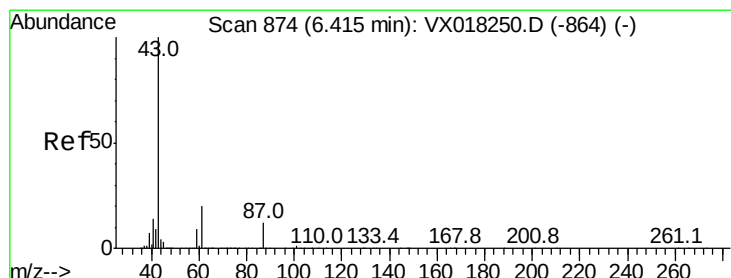
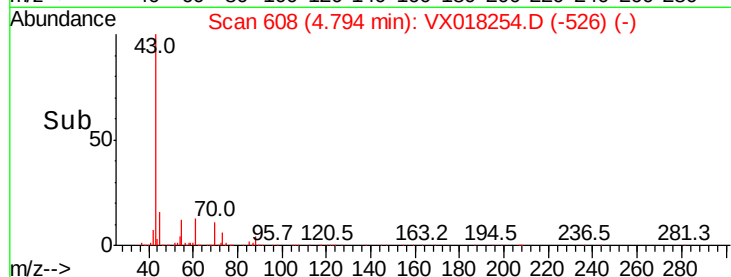
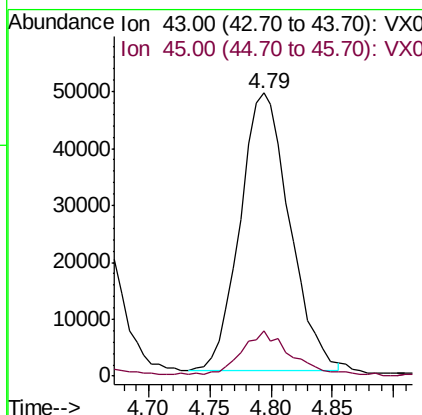
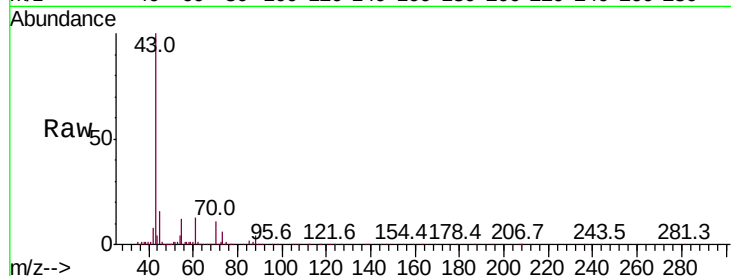




#43
Ethyl Acetate
Concen: 17.486 ug/l
RT: 4.79 min Scan# 608
Delta R.T. 0.00 min
Lab File: VX018254.D
Acq: 04 Sep 2020 12:36

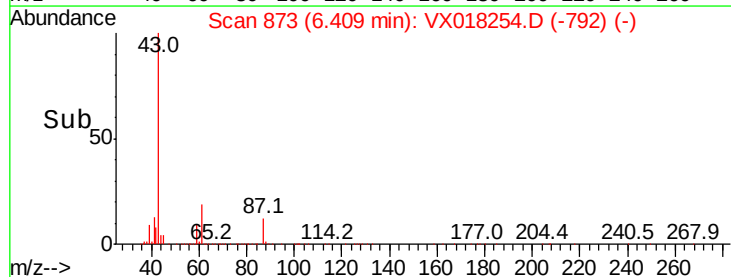
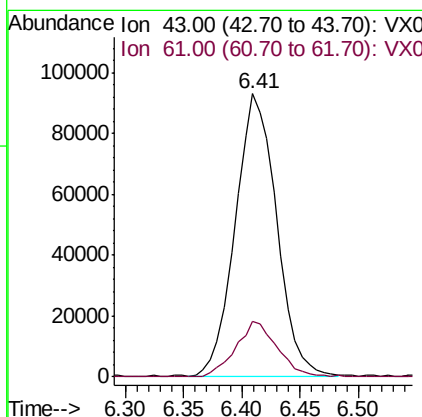
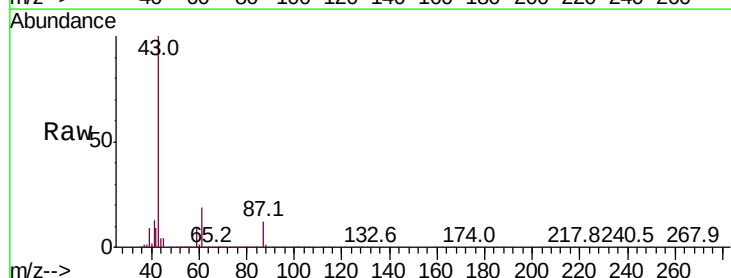
Instrument :
MSVOA_X
ClientSampled :
ICVVX090420

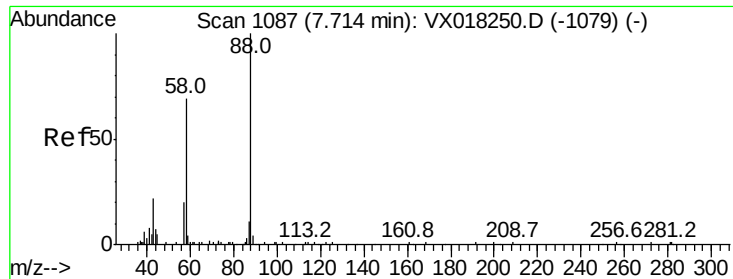
Tot Ion: 43 Resp: 137356
Ion Ratio Lower Upper
43 100
45 14.5 11.2 16.8



#44
Isopropyl Acetate
Concen: 18.133 ug/l
RT: 6.41 min Scan# 873
Delta R.T. -0.01 min
Lab File: VX018254.D
Acq: 04 Sep 2020 12:36

Tgt Ion: 43 Resp: 229551
Ion Ratio Lower Upper
43 100
61 19.6 14.6 22.0

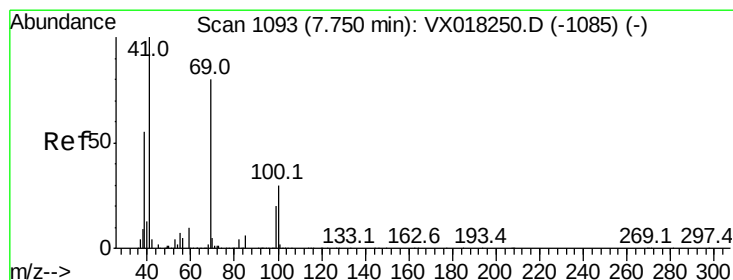
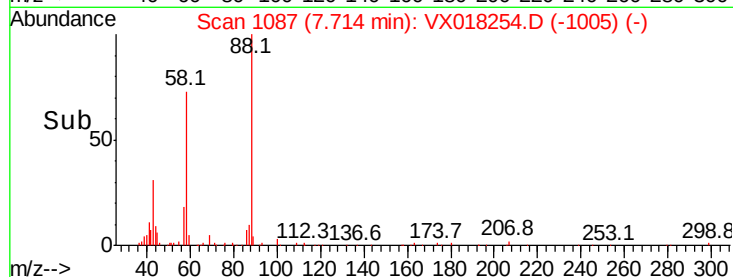
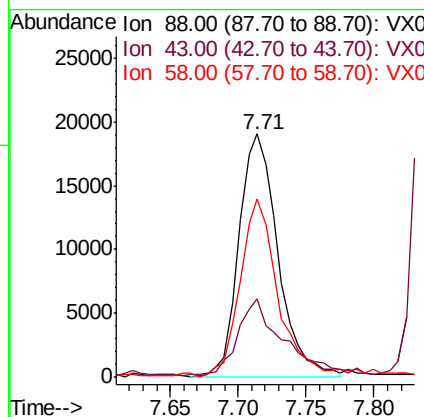
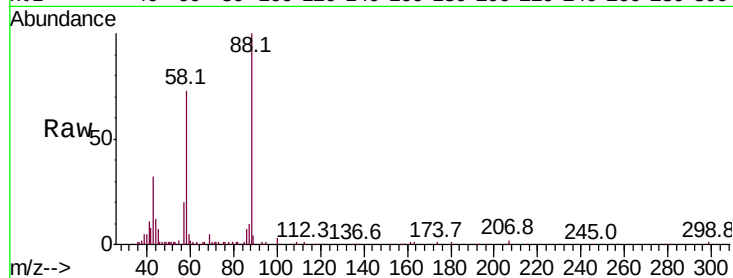




#45
 1,4-Dioxane
 Concen: 361.818 ug/l
 RT: 7.71 min Scan# 1087
 Delta R.T. 0.00 min
 Lab File: VX018254.D
 Acq: 04 Sep 2020 12:36

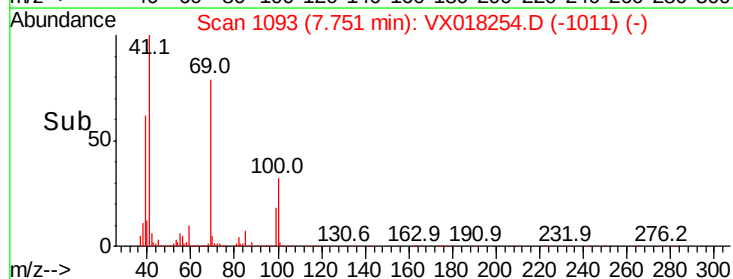
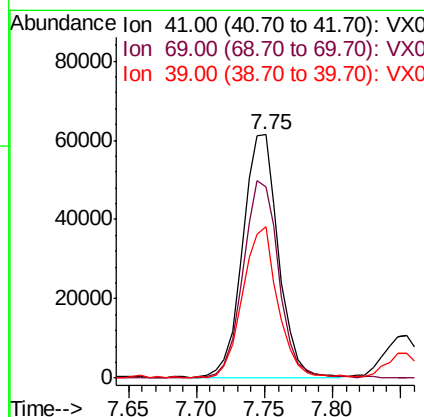
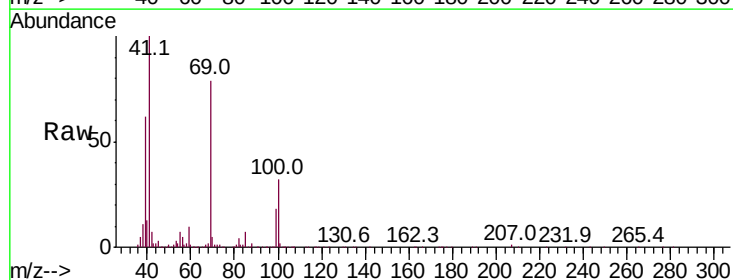
Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX090420

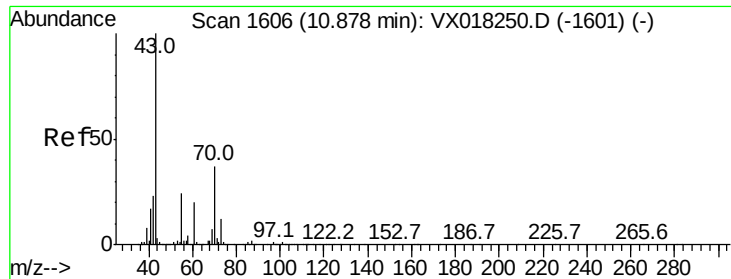
Tot Ion: 88 Resp: 38265
 Ion Ratio Lower Upper
 88 100
 43 36.5 13.6 20.4#
 58 69.2 58.2 87.4



#46
 Methyl methacrylate
 Concen: 18.032 ug/l
 RT: 7.75 min Scan# 1093
 Delta R.T. 0.00 min
 Lab File: VX018254.D
 Acq: 04 Sep 2020 12:36

Tgt Ion: 41 Resp: 112343
 Ion Ratio Lower Upper
 41 100
 69 78.6 40.3 120.8
 39 61.5 27.3 81.9





#47

n-amvl Acetate

Concen: 18.122 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. 0.00 min

Lab File: VX018254.D

Acq: 04 Sep 2020 12:36

Instrument :

MSVOA_X

ClientSampleId :

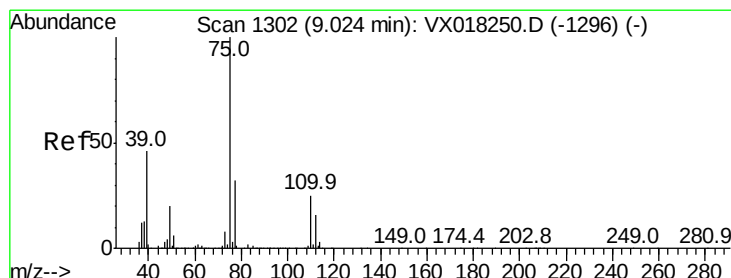
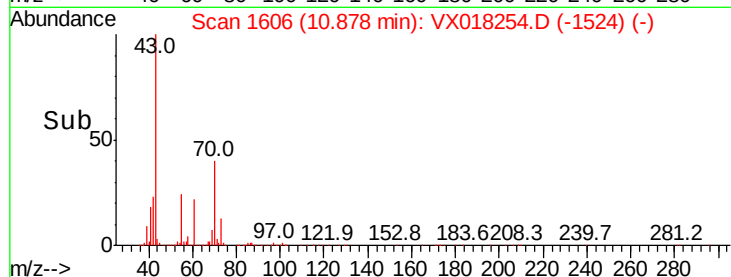
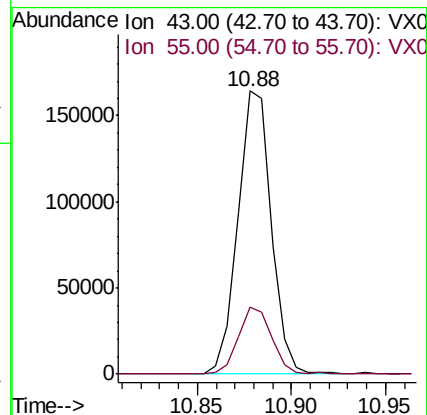
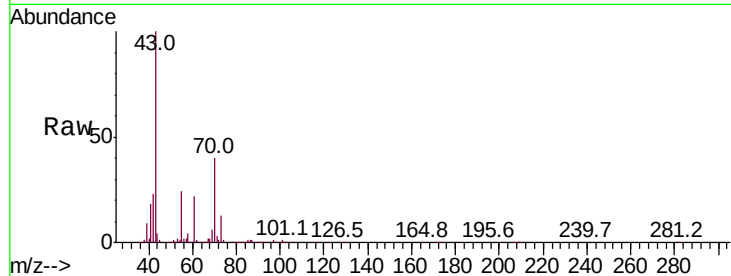
ICVVX090420

Tot Ion: 43 Resp: 201579

Ion Ratio Lower Upper

43 100

55 23.4 18.9 28.3



#48

t-1,3-Dichloropropene

Concen: 19.108 ug/l

RT: 9.02 min Scan# 1302

Delta R.T. 0.00 min

Lab File: VX018254.D

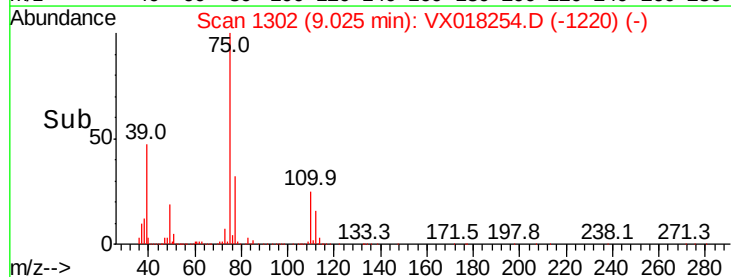
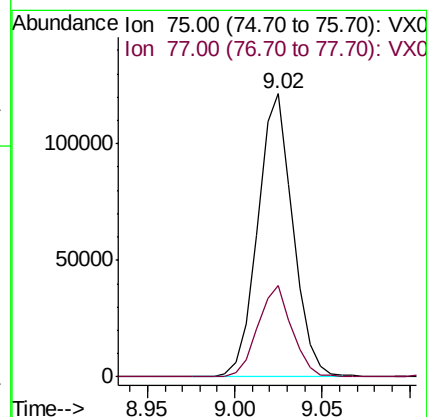
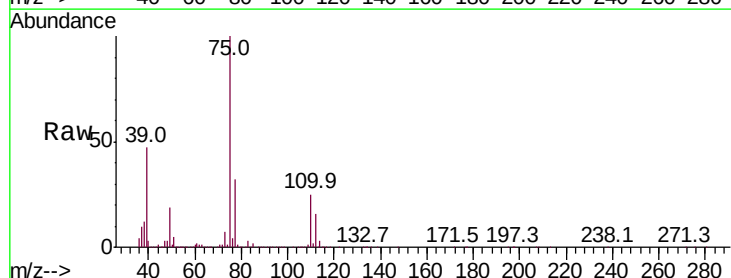
Acq: 04 Sep 2020 12:36

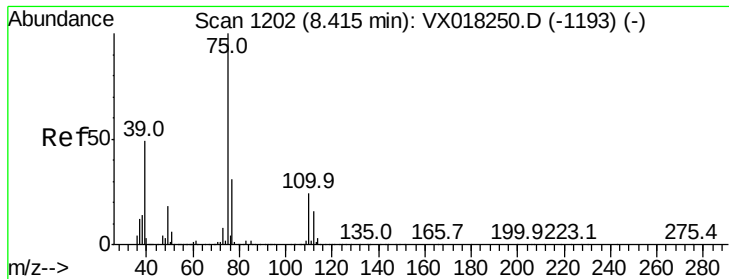
Tgt Ion: 75 Resp: 169449

Ion Ratio Lower Upper

75 100

77 32.2 25.4 38.2



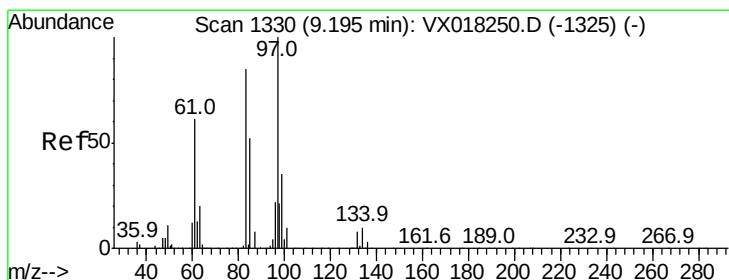
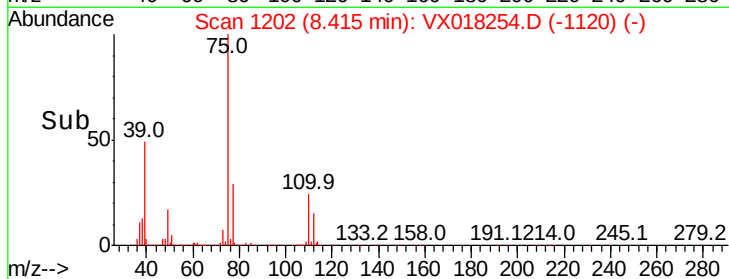
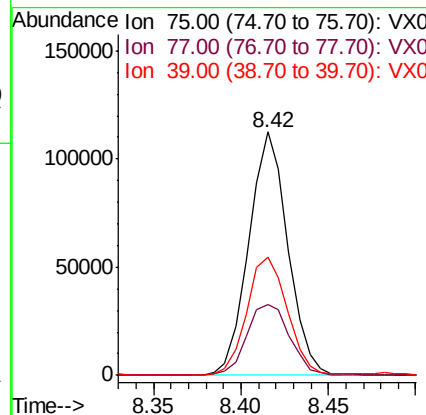
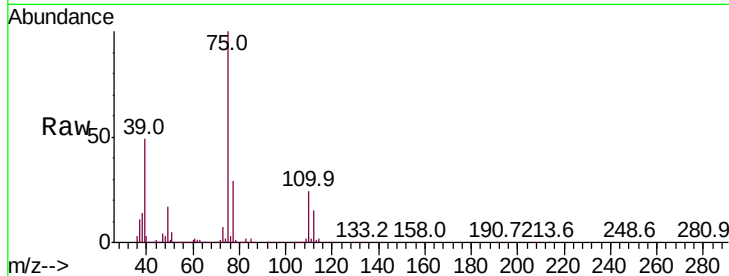


#49

cis-1,3-Dichloropropene
 Concen: 18.674 ug/l
 RT: 8.42 min Scan# 1202
 Delta R.T. 0.00 min
 Lab File: VX018254.D
 Acq: 04 Sep 2020 12:36

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX090420

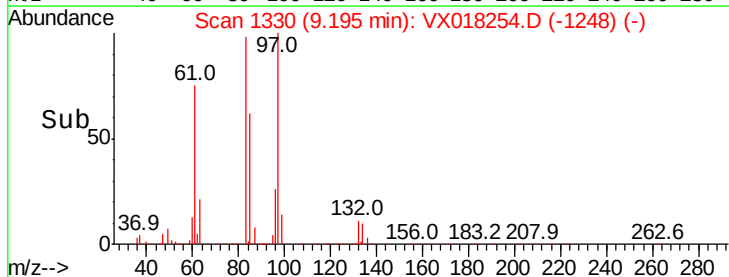
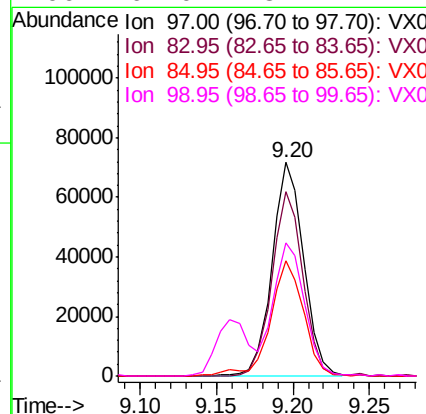
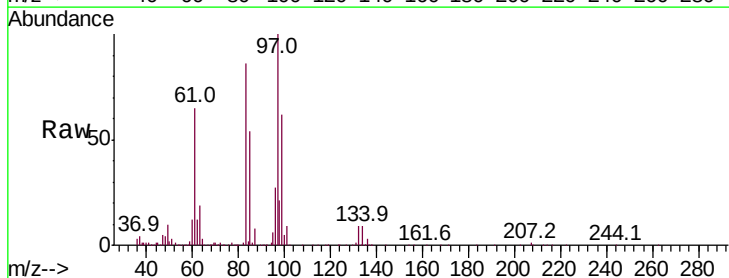
Tot Ion:	75	Resp:	173962
Ion	Ratio	Lower	Upper
75	100		
77	29.2	24.7	37.1
39	48.6	39.6	59.4

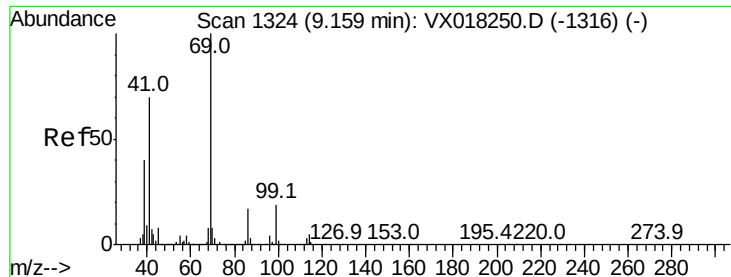


#50

1,1,2-Trichloroethane
 Concen: 18.624 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. 0.00 min
 Lab File: VX018254.D
 Acq: 04 Sep 2020 12:36

Tgt Ion:	97	Resp:	103372
Ion	Ratio	Lower	Upper
97	100		
83	86.1	68.1	102.1
85	53.6	42.6	64.0
99	62.0	48.2	72.2





#51

Ethyl methacrylate

Concen: 17.740 ug/l

RT: 9.16 min Scan# 1324

Delta R.T. 0.00 min

Lab File: VX018254.D

Acq: 04 Sep 2020 12:36

Instrument :

MSVOA_X

ClientSampleId :

ICVVX090420

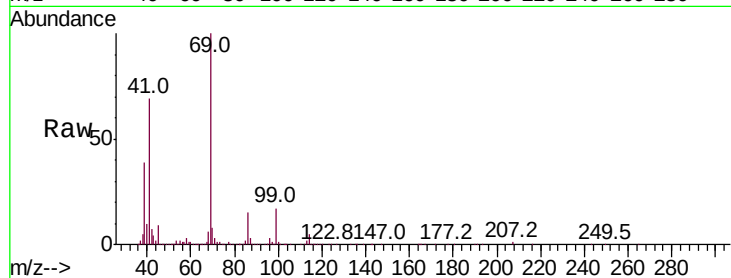
Tot Ion: 69 Resp: 142639

Ion Ratio Lower Upper

69 100

41 68.8 34.9 104.7

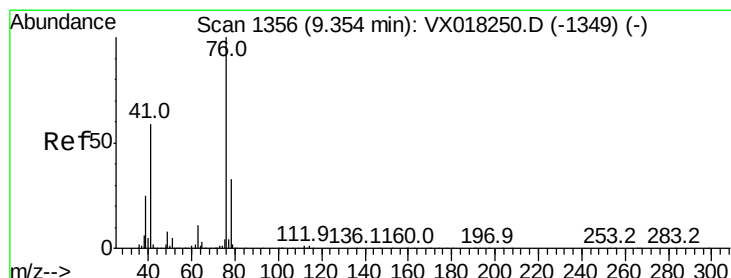
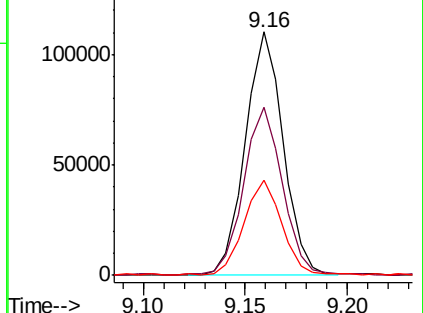
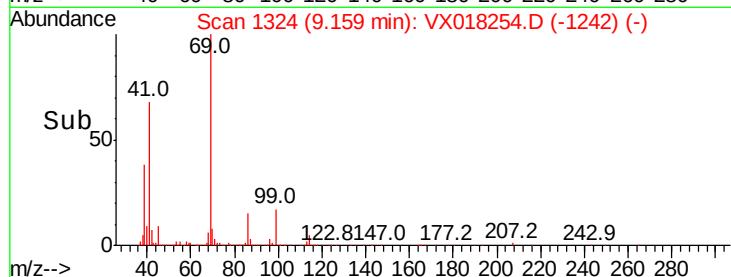
39 38.4 19.8 59.3



Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0



#52

1,3-Dichloropropane

Concen: 18.376 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. 0.00 min

Lab File: VX018254.D

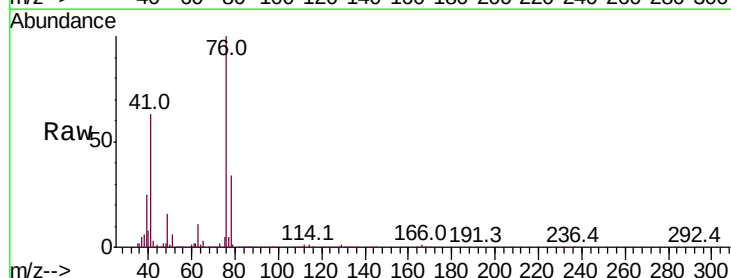
Acq: 04 Sep 2020 12:36

Tgt Ion: 76 Resp: 169292

Ion Ratio Lower Upper

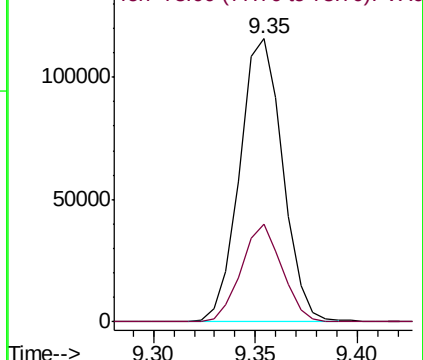
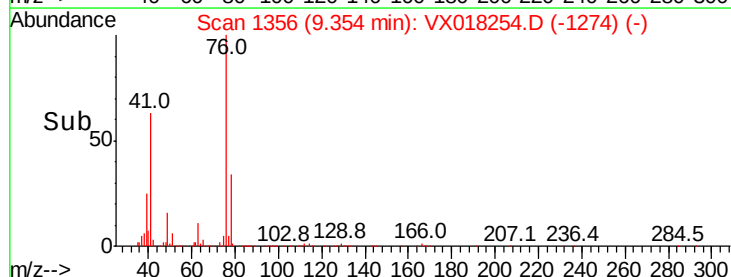
76 100

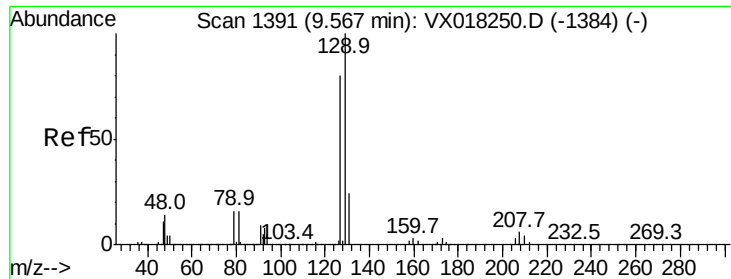
78 32.8 0.0 62.2



Abundance Ion 76.00 (75.70 to 76.70): VX0

Ion 78.00 (77.70 to 78.70): VX0





#53

Dibromochloromethane

Concen: 18.441 ug/l

RT: 9.57 min Scan# 1391

Delta R.T. 0.00 min

Lab File: VX018254.D

Acq: 04 Sep 2020 12:36

Instrument :

MSVOA_X

ClientSampleId :

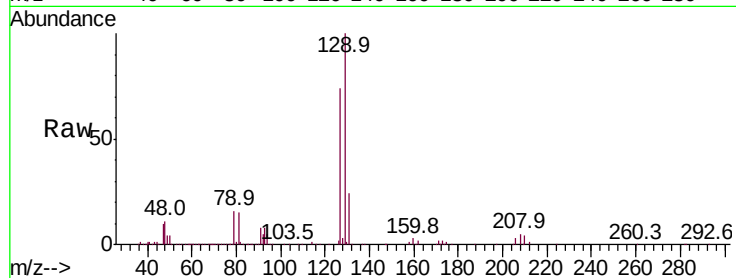
ICVVX090420

Tot Ion:129 Resp: 127267

Ion Ratio Lower Upper

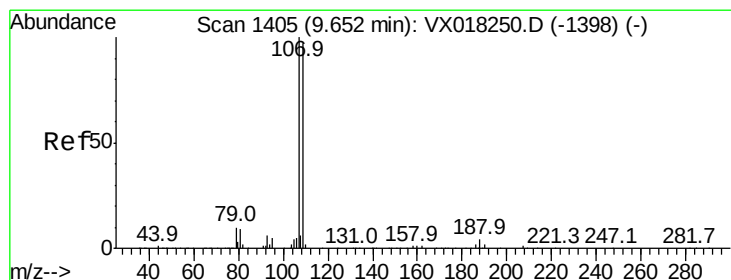
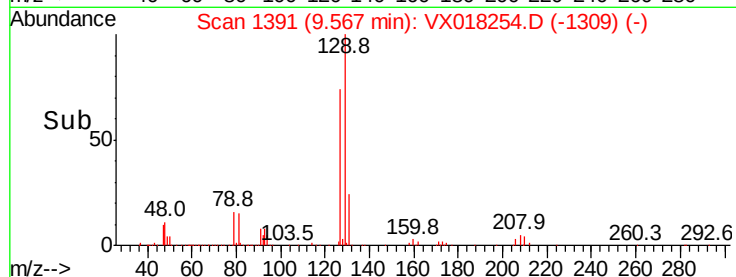
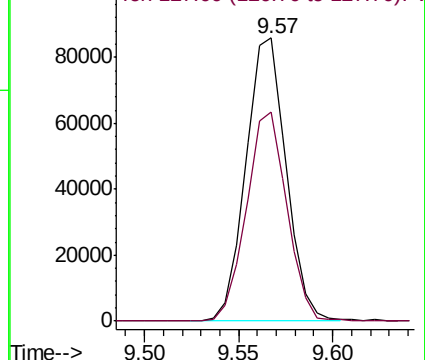
129 100

127 72.9 38.9 116.6



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V



#54

1,2-Dibromoethane

Concen: 18.677 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. 0.00 min

Lab File: VX018254.D

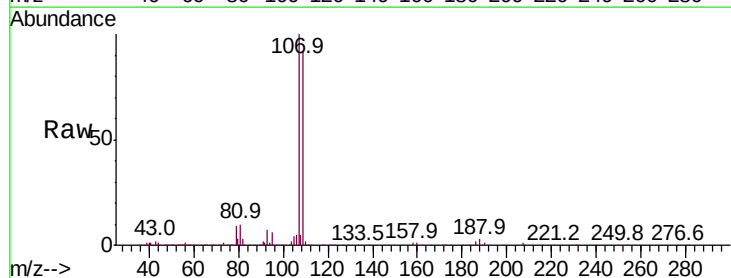
Acq: 04 Sep 2020 12:36

Tgt Ion:107 Resp: 113720

Ion Ratio Lower Upper

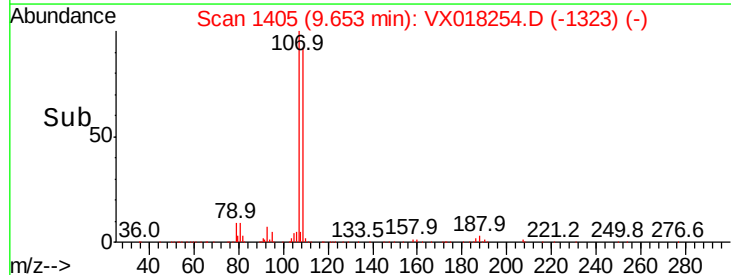
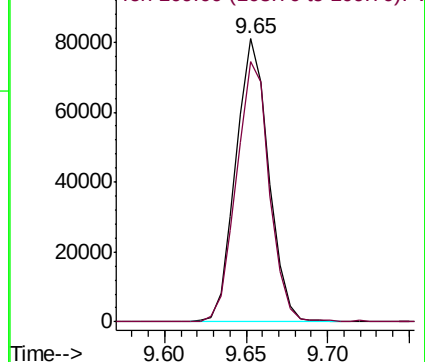
107 100

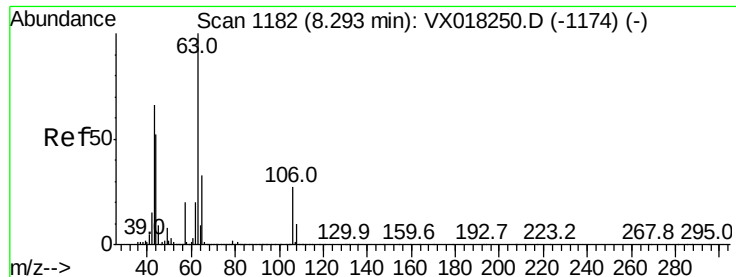
109 91.9 77.8 116.6



Abundance Ion 107.00 (106.70 to 107.70): V

Ion 109.00 (108.70 to 109.70): V





#55

2-Chloroethyl vinyl ether

Concen: 95.590 ug/l

RT: 8.29 min Scan# 1182

Delta R.T. 0.00 min

Lab File: VX018254.D

Acq: 04 Sep 2020 12:36

Instrument :

MSVOA_X

ClientSampleId :

ICVVX090420

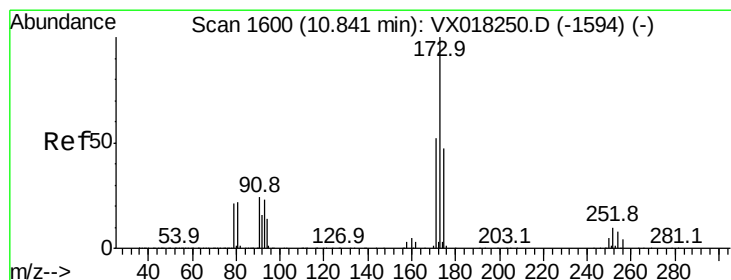
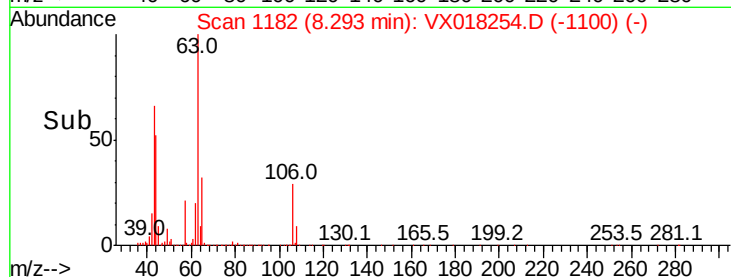
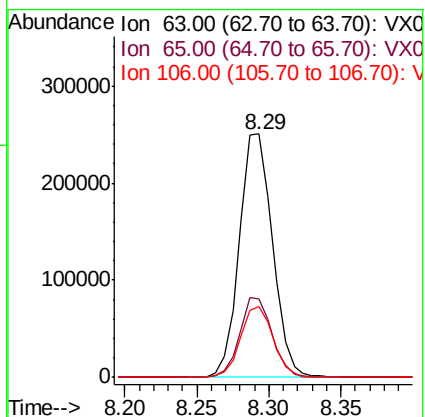
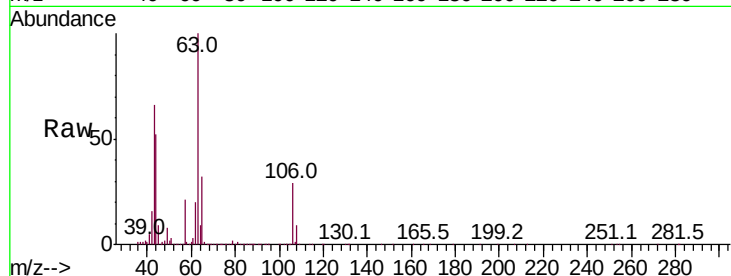
Tot Ion: 63 Resp: 401353

Ion Ratio Lower Upper

63 100

65 31.9 26.0 39.0

106 28.5 22.3 33.5



#56

Bromoform

Concen: 18.300 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. 0.00 min

Lab File: VX018254.D

Acq: 04 Sep 2020 12:36

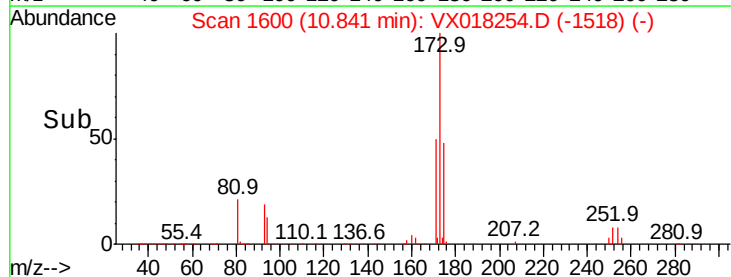
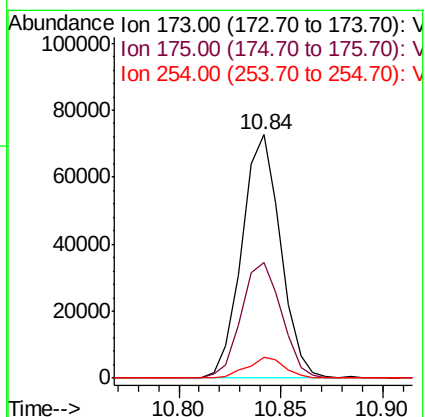
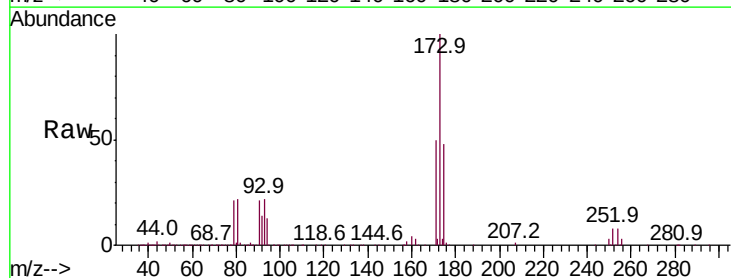
Tgt Ion:173 Resp: 95959

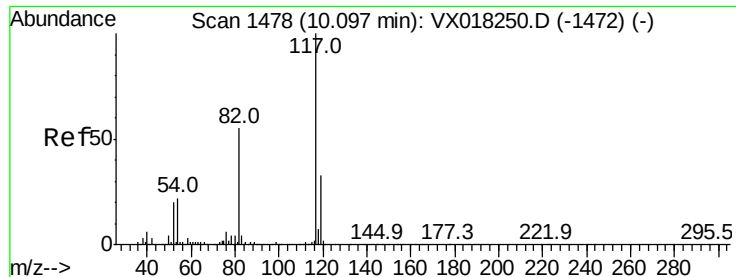
Ion Ratio Lower Upper

173 100

175 49.7 40.2 60.2

254 8.4 7.3 10.9

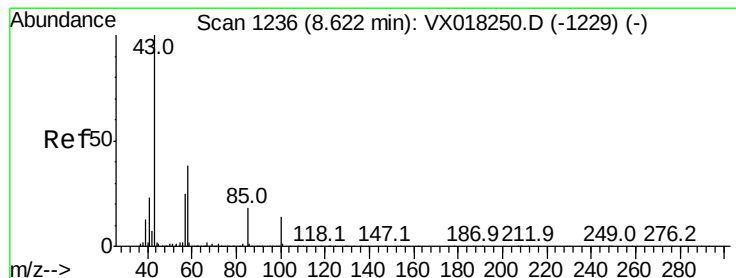
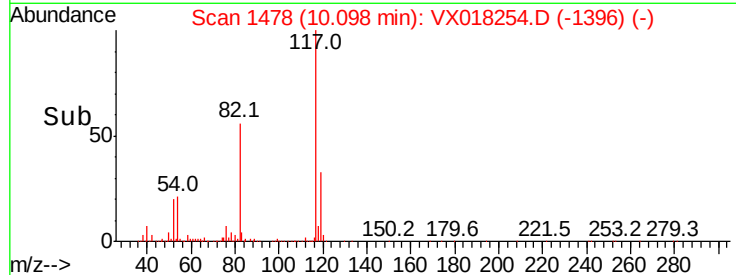
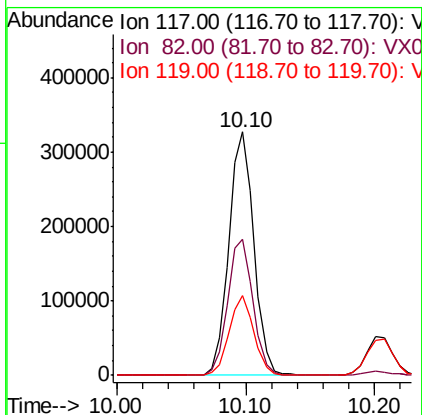
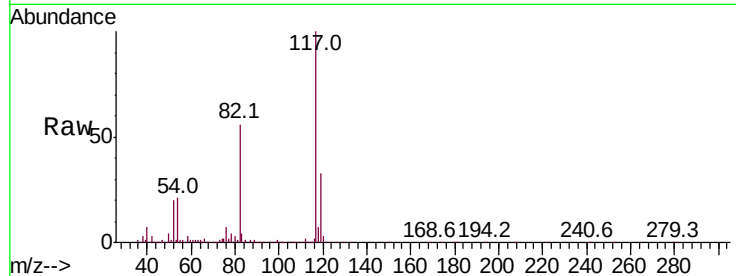




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. 0.00 min
Lab File: VX018254.D
Acq: 04 Sep 2020 12:36

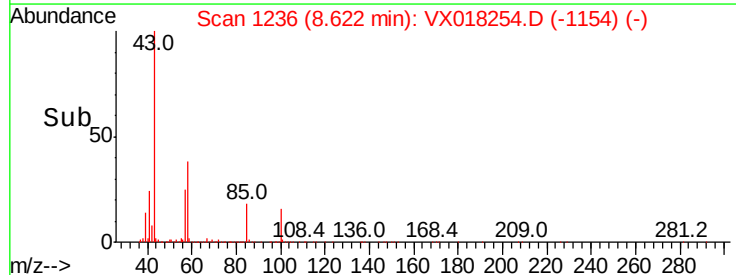
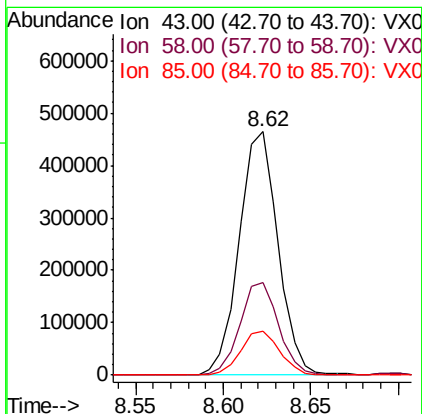
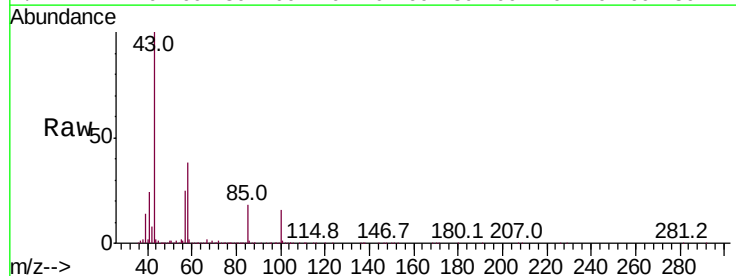
Instrument :
MSVOA_X
ClientSampleId :
ICVVX090420

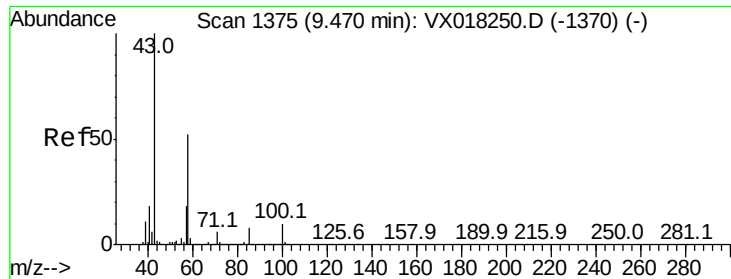
Tot Ion	Ratio	Lower	Upper
117	100		
82	56.1	44.2	66.4
119	32.0	26.1	39.1



#58
4-Methyl-2-Pentanone
Concen: 93.490 ug/l
RT: 8.62 min Scan# 1236
Delta R.T. 0.00 min
Lab File: VX018254.D
Acq: 04 Sep 2020 12:36

Tgt Ion	Ratio	Lower	Upper
43	100		
58	38.1	30.0	45.0
85	18.1	14.2	21.4

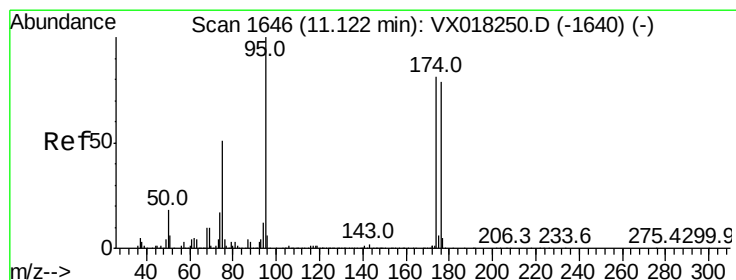
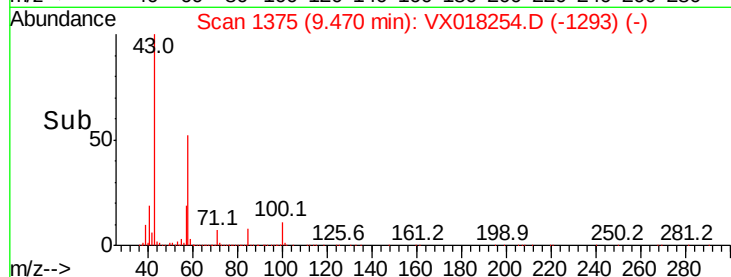
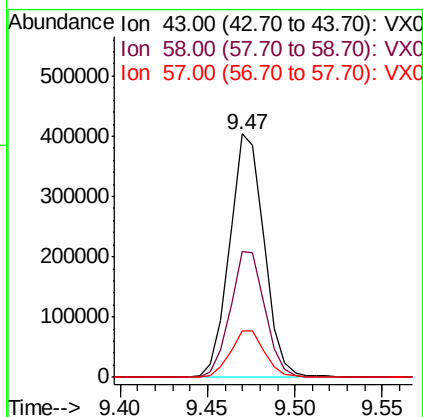
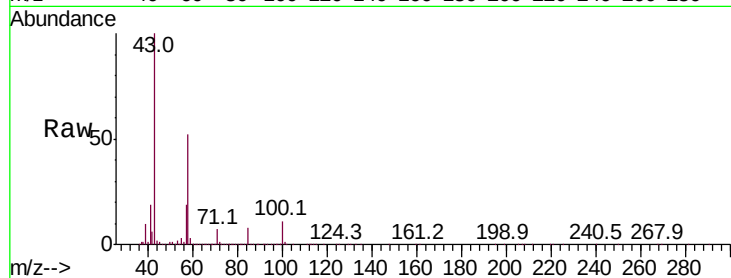




#59
2-Hexanone
Concen: 94.527 ug/l
RT: 9.47 min Scan# 1375
Delta R.T. 0.00 min
Lab File: VX018254.D
Acq: 04 Sep 2020 12:36

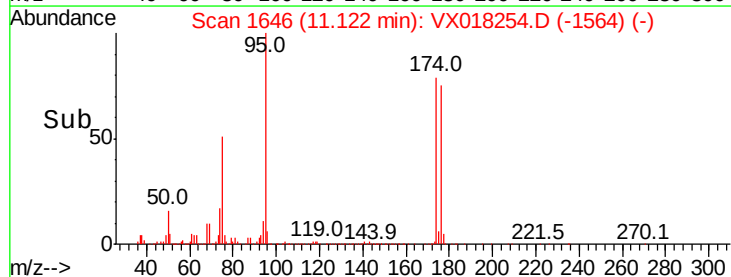
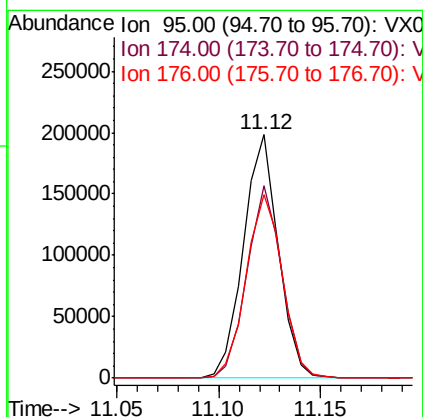
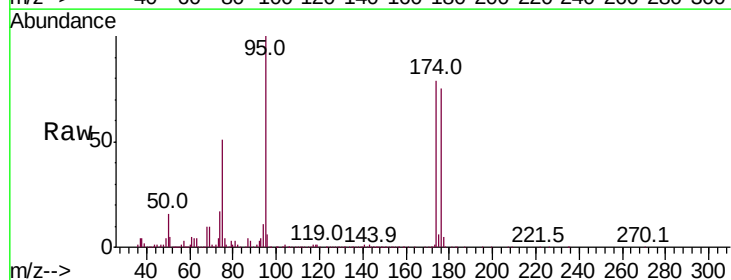
Instrument :
MSVOA_X
ClientSampled :
ICVVX090420

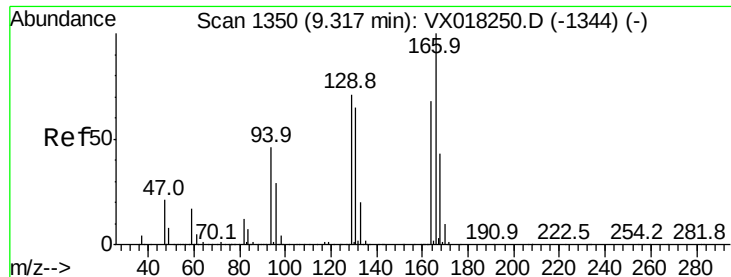
Tot Ion: 43 Resp: 549832
Ion Ratio Lower Upper
43 100
58 52.4 42.5 63.7
57 19.0 14.8 22.2



#60
4-Bromofluorobenzene
Concen: 30.487 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. 0.00 min
Lab File: VX018254.D
Acq: 04 Sep 2020 12:36

Tgt Ion: 95 Resp: 235925
Ion Ratio Lower Upper
95 100
174 78.6 64.2 96.4
176 78.6 62.2 93.4





#61

Tetrachloroethene

Concen: 19.390 ug/l

RT: 9.32 min Scan# 1350

Delta R.T. 0.00 min

Lab File: VX018254.D

Acq: 04 Sep 2020 12:36

Instrument :

MSVOA_X

ClientSampleId :

ICVVX090420

Tot Ion:164 Resp: 107969

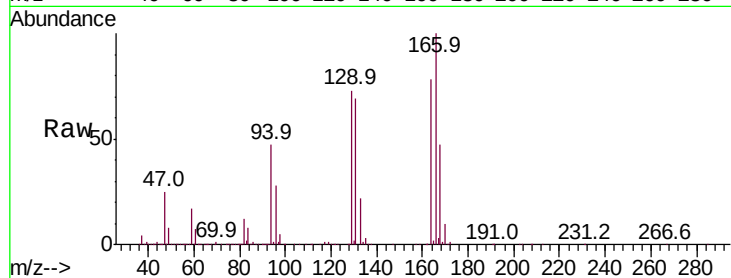
Ion Ratio Lower Upper

164 100

166 128.0 117.4 176.0

129 93.7 82.7 124.1

131 88.1 76.7 115.1

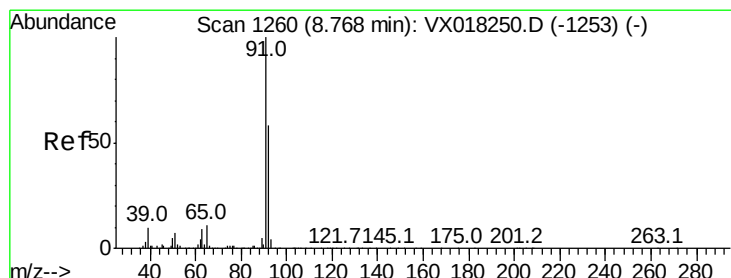
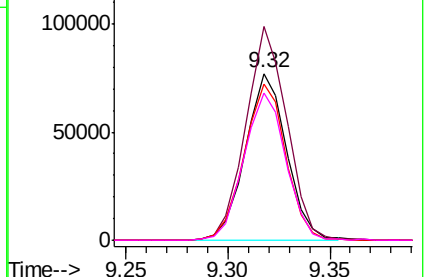
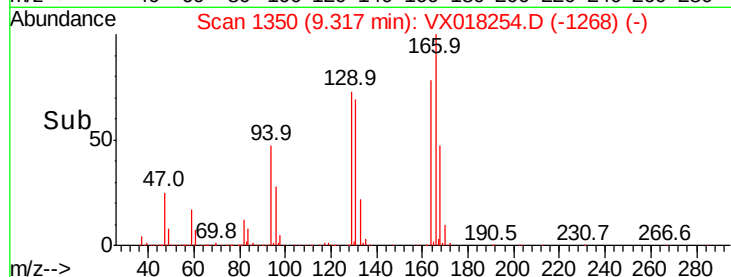


Abundance Ion 163.85 (163.55 to 164.55): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.90 (128.60 to 129.60): V

Ion 130.90 (130.60 to 131.60): V



#62

Toluene

Concen: 19.238 ug/l

RT: 8.77 min Scan# 1260

Delta R.T. 0.00 min

Lab File: VX018254.D

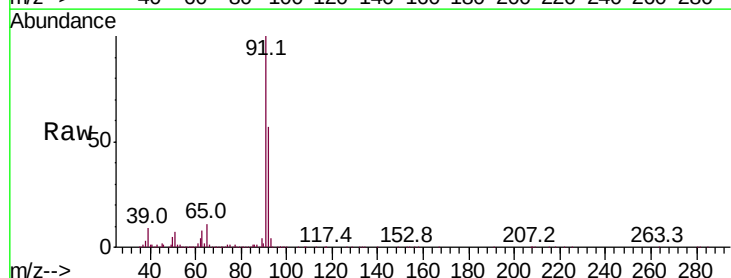
Acq: 04 Sep 2020 12:36

Tgt Ion: 91 Resp: 432267

Ion Ratio Lower Upper

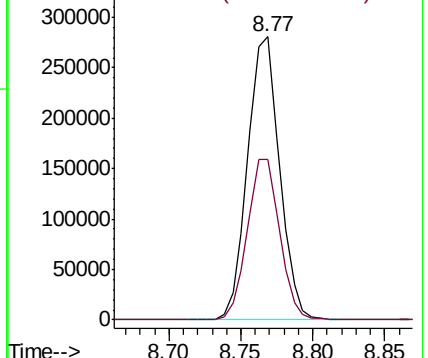
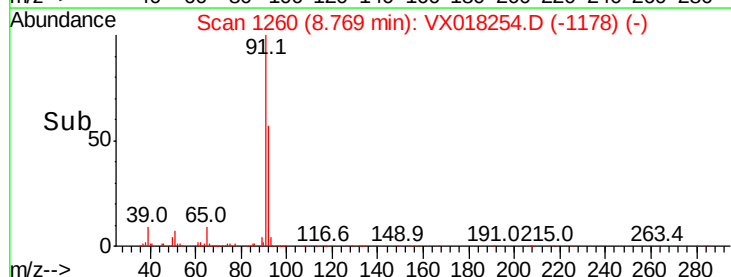
91 100

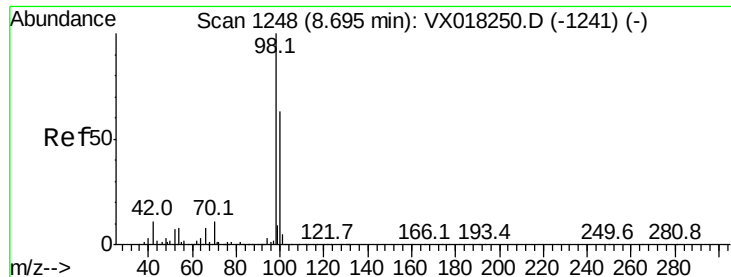
92 57.5 46.9 70.3



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 92.00 (91.70 to 92.70): VX0





#63

Toluene-d8

Concen: 30.382 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. 0.00 min

Lab File: VX018254.D

Acq: 04 Sep 2020 12:36

Instrument :

MSVOA_X

ClientSampleId :

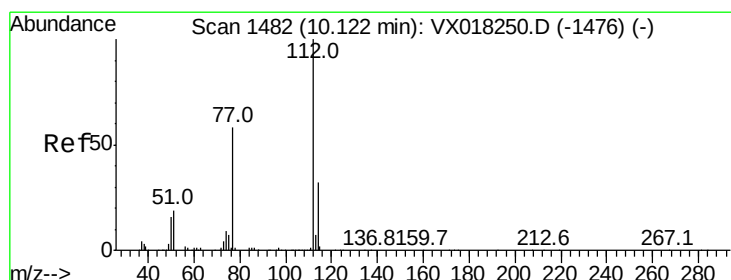
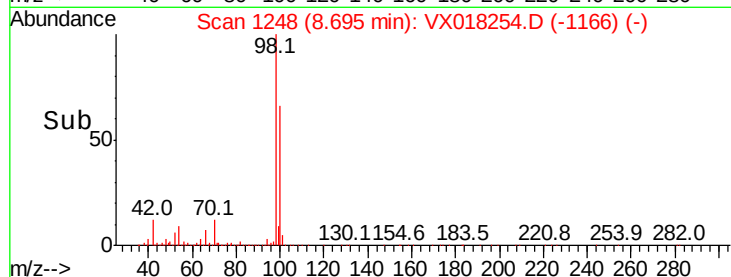
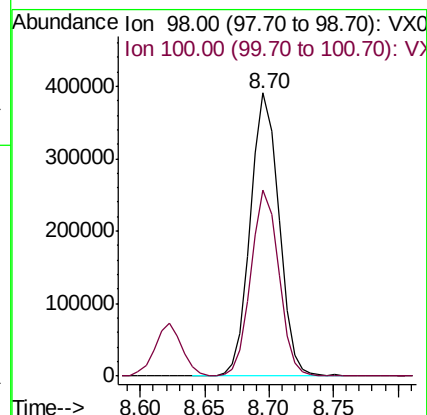
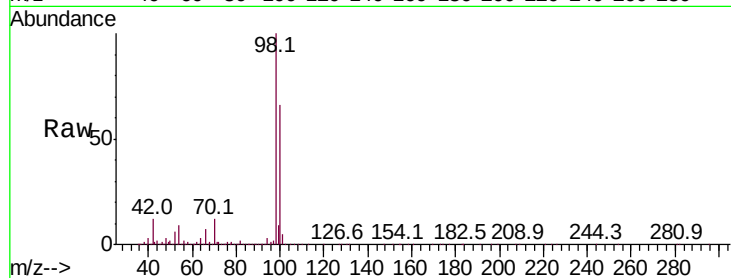
ICVVX090420

Tot Ion: 98 Resp: 597880

Ion Ratio Lower Upper

98 100

100 64.0 51.4 77.0



#64

Chlorobenzene

Concen: 18.840 ug/l

RT: 10.12 min Scan# 1482

Delta R.T. 0.00 min

Lab File: VX018254.D

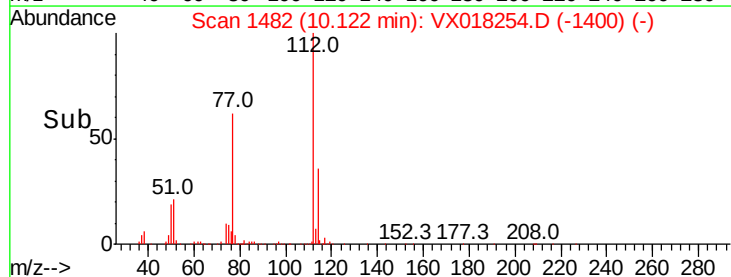
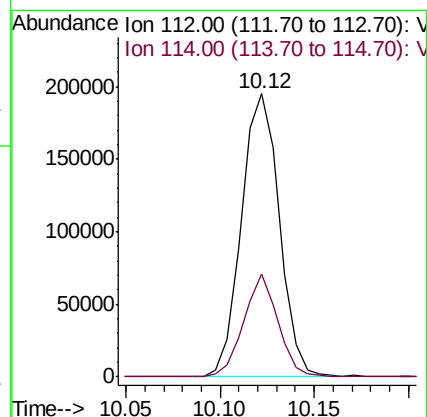
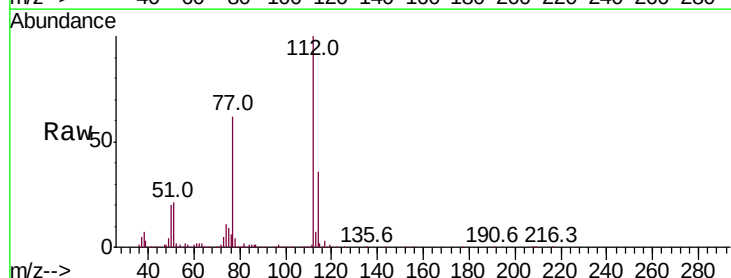
Acq: 04 Sep 2020 12:36

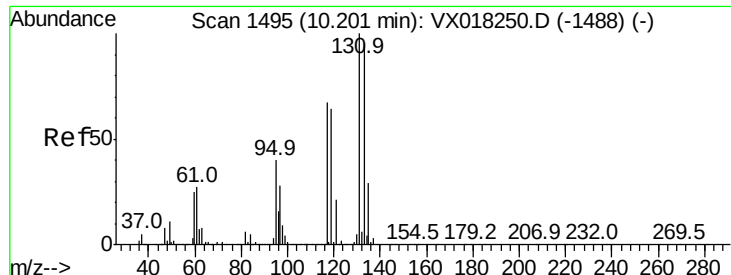
Tgt Ion: 112 Resp: 272040

Ion Ratio Lower Upper

112 100

114 36.1 25.8 38.8





#65

1,1,1,2-Tetrachloroethane

Concen: 18.898 ug/l

RT: 10.20 min Scan# 1495

Delta R.T. 0.00 min

Lab File: VX018254.D

Acq: 04 Sep 2020 12:36

Instrument :

MSVOA_X

ClientSampleId :

ICVVX090420

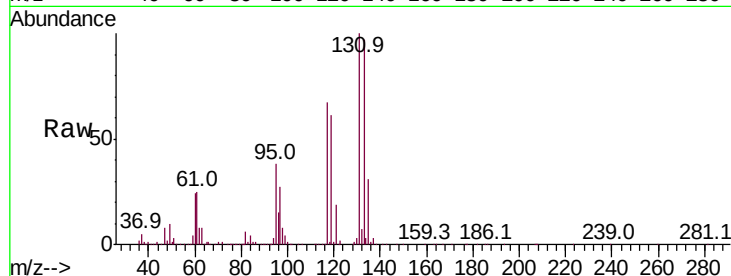
Tot Ion:131 Resp: 110516

Ion Ratio Lower Upper

131 100

133 96.4 0.0 197.2

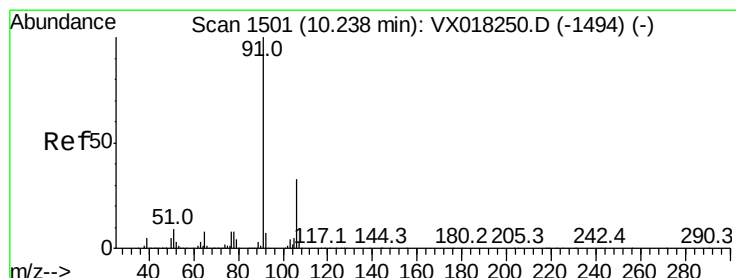
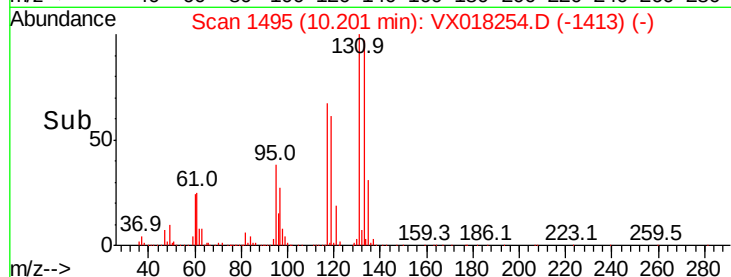
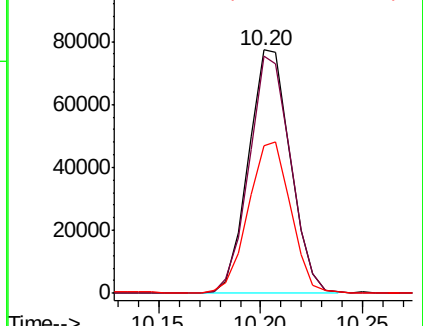
119 62.9 0.0 129.8



Abundance Ion 131.00 (130.70 to 131.70): V

Ion 133.00 (132.70 to 133.70): V

Ion 119.00 (118.70 to 119.70): V



#66

Ethyl Benzene

Concen: 19.168 ug/l

RT: 10.24 min Scan# 1501

Delta R.T. 0.00 min

Lab File: VX018254.D

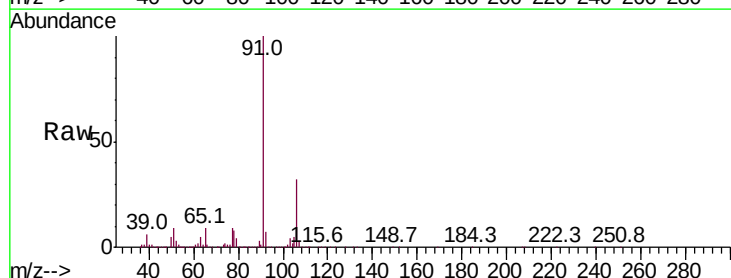
Acq: 04 Sep 2020 12:36

Tgt Ion: 91 Resp: 475897

Ion Ratio Lower Upper

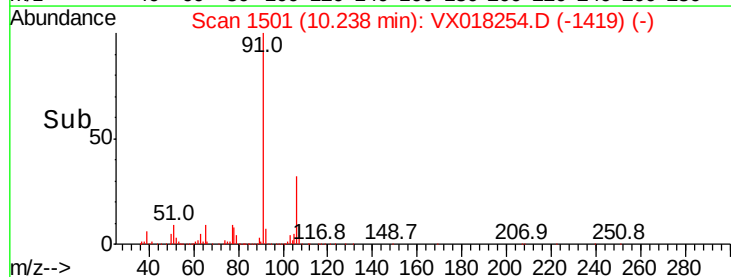
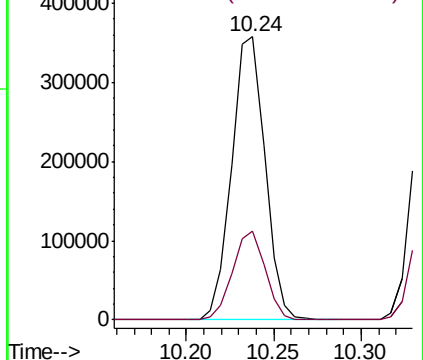
91 100

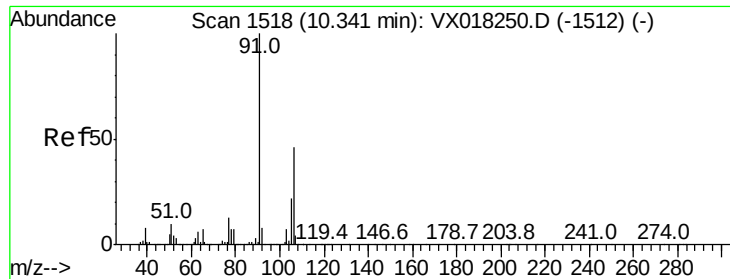
106 31.6 26.3 39.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V

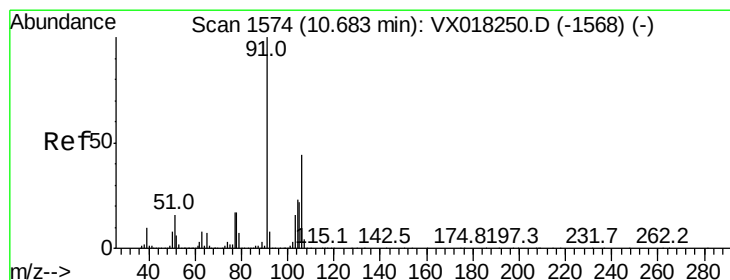
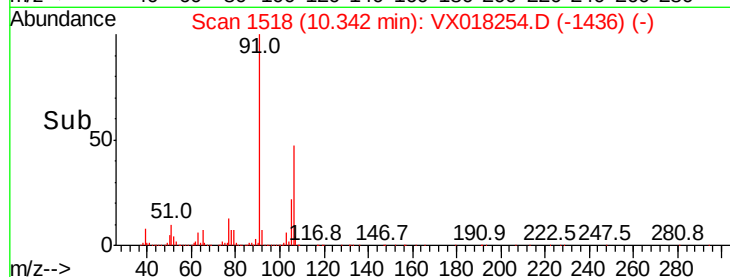
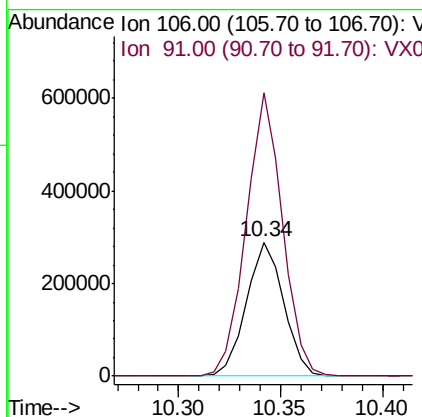
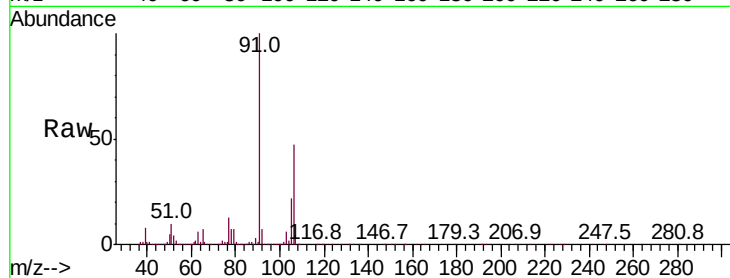




#67
m/p-Xylenes
Concen: 38.758 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. 0.00 min
Lab File: VX018254.D
Acq: 04 Sep 2020 12:36

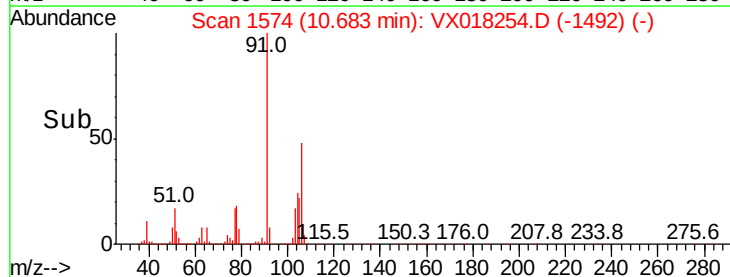
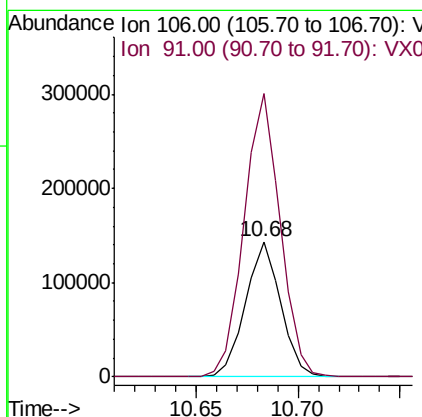
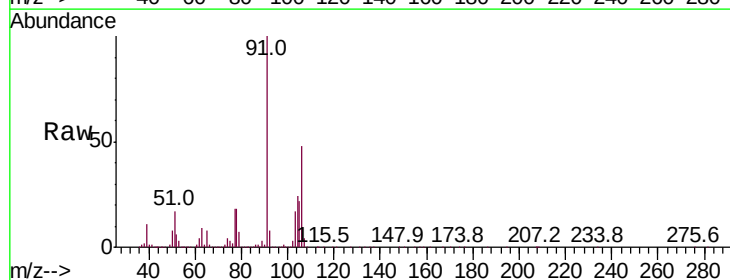
Instrument :
MSVOA_X
ClientSampleId :
ICVVX090420

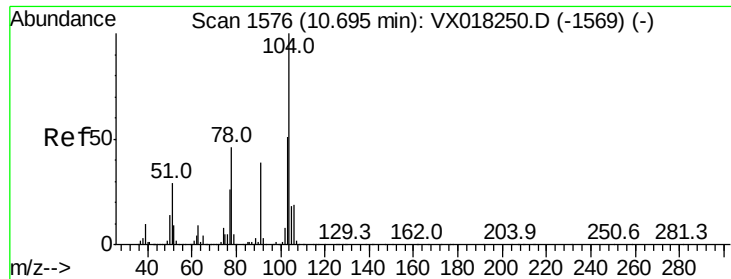
Tot Ion:106 Resp: 368003
Ion Ratio Lower Upper
106 100
91 205.8 166.2 249.2



#68
o-Xylene
Concen: 19.244 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. 0.00 min
Lab File: VX018254.D
Acq: 04 Sep 2020 12:36

Tgt Ion:106 Resp: 172646
Ion Ratio Lower Upper
106 100
91 213.7 109.2 327.6





#69

Stvrene

Concen: 18.948 ug/l

RT: 10.70 min Scan# 1576

Delta R.T. 0.00 min

Lab File: VX018254.D

Acq: 04 Sep 2020 12:36

Instrument :

MSVOA_X

ClientSampleId :

ICVX090420

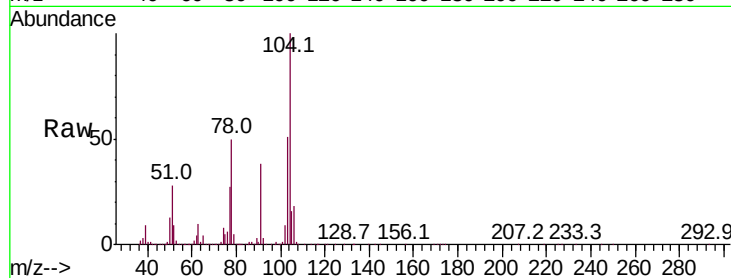
Tot Ion:104 Resp: 296579

Ion Ratio Lower Upper

104 100

78 52.7 41.7 62.5

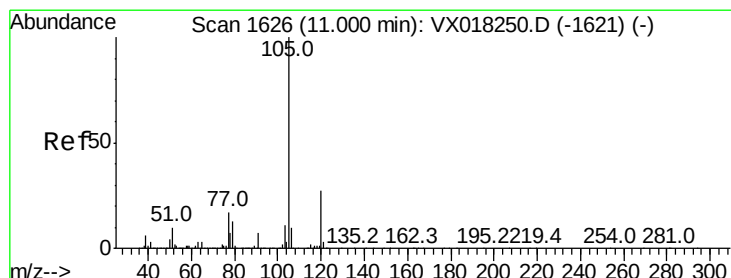
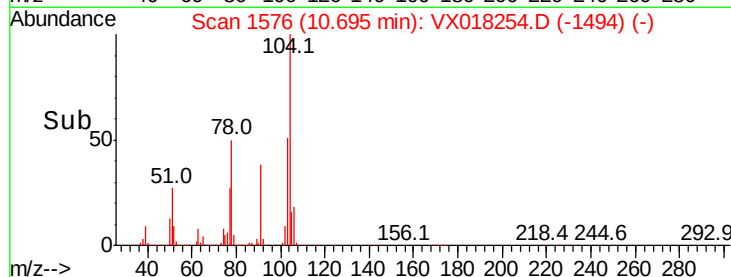
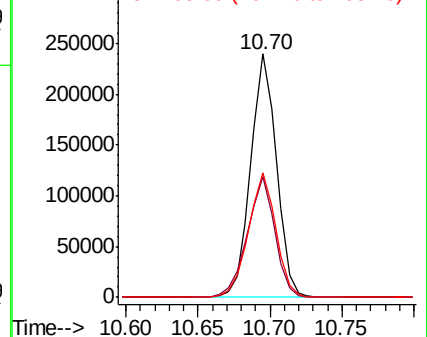
103 54.6 44.2 66.2



Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): VX0

Ion 103.00 (102.70 to 103.70): V



#70

Isopropylbenzene

Concen: 19.002 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. 0.00 min

Lab File: VX018254.D

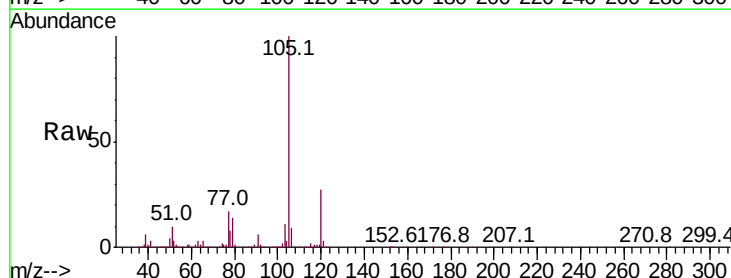
Acq: 04 Sep 2020 12:36

Tgt Ion:105 Resp: 474082

Ion Ratio Lower Upper

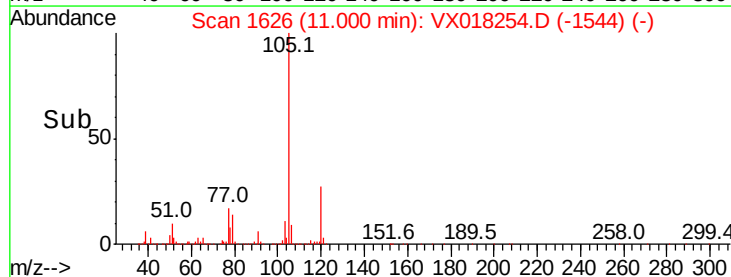
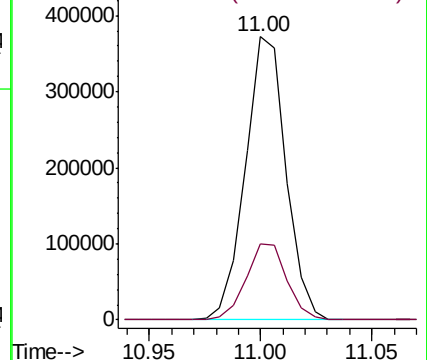
105 100

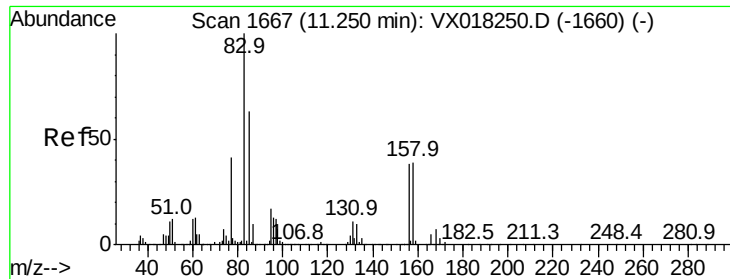
120 27.0 18.7 34.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#71

1,1,2,2-Tetrachloroethane

Concen: 18.725 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. 0.00 min

Lab File: VX018254.D

Acq: 04 Sep 2020 12:36

Instrument :

MSVOA_X

ClientSampleId :

ICVVX090420

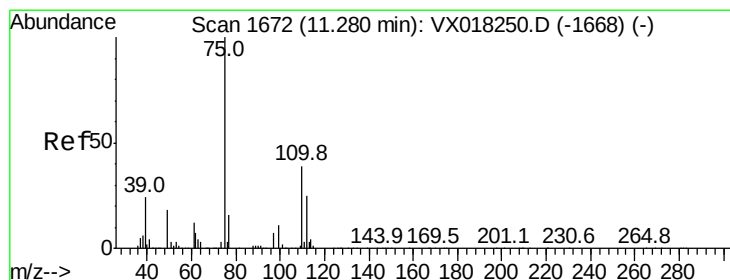
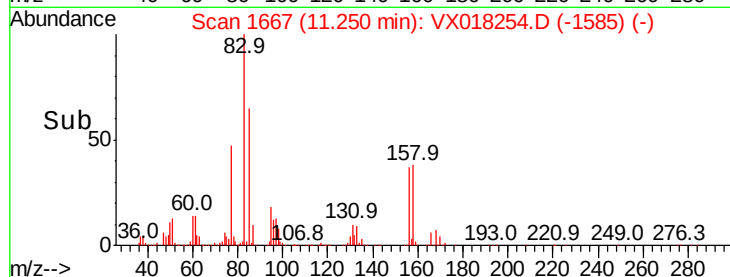
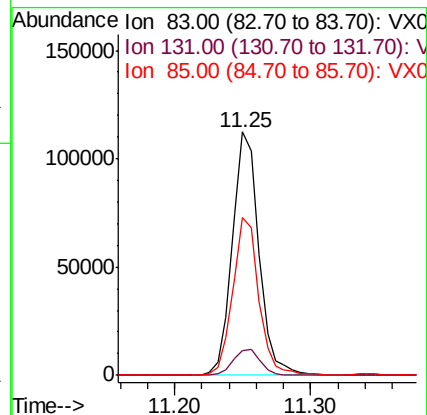
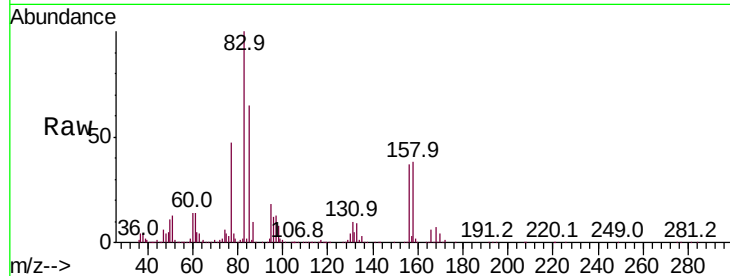
Tot Ion: 83 Resp: 152663

Ion Ratio Lower Upper

83 100

131 11.0 5.8 17.3

85 63.5 31.3 93.9



#72

1,2,3-Trichloropropane

Concen: 24.192 ug/l

RT: 11.28 min Scan# 1672

Delta R.T. 0.00 min

Lab File: VX018254.D

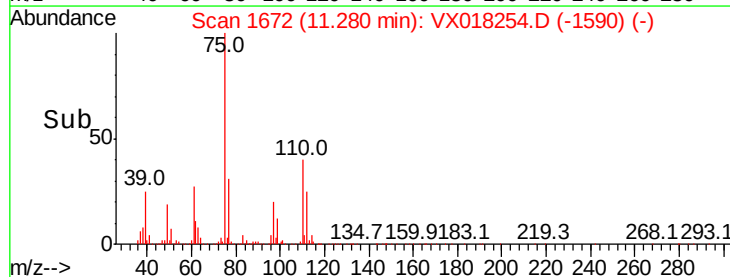
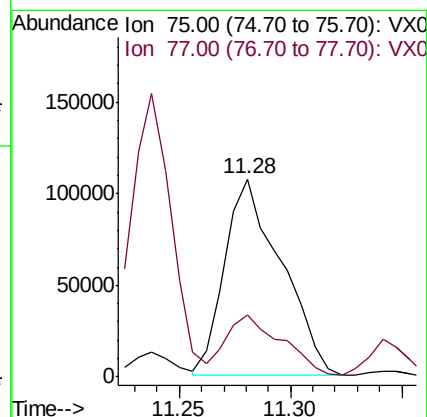
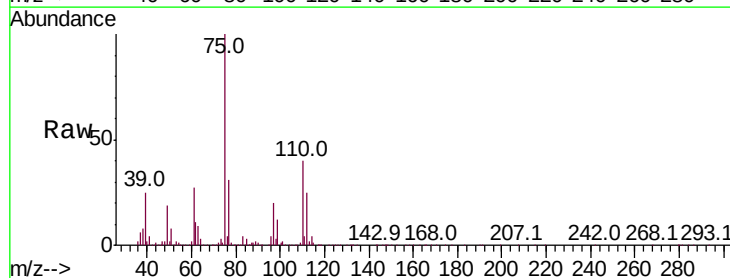
Acq: 04 Sep 2020 12:36

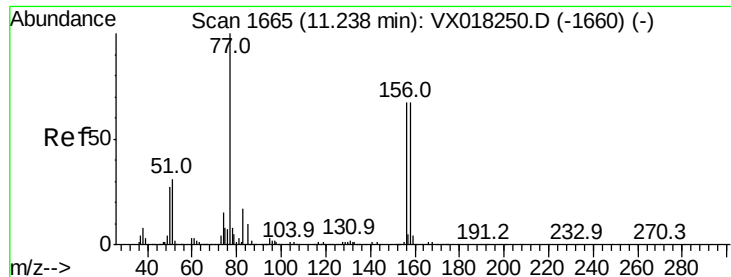
Tgt Ion: 75 Resp: 189503

Ion Ratio Lower Upper

75 100

77 30.0 0.0 74.8





#73

Bromobenzene

Concen: 18.599 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. 0.00 min

Lab File: VX018254.D

Acq: 04 Sep 2020 12:36

Instrument :

MSVOA_X

ClientSampleId :

ICVVX090420

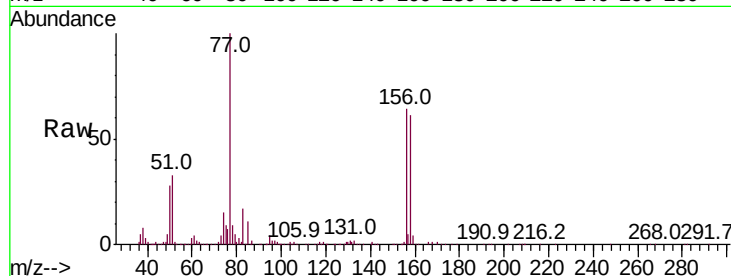
Tot Ion:156 Resp: 127124

Ion Ratio Lower Upper

156 100

77 156.1 0.0 311.0

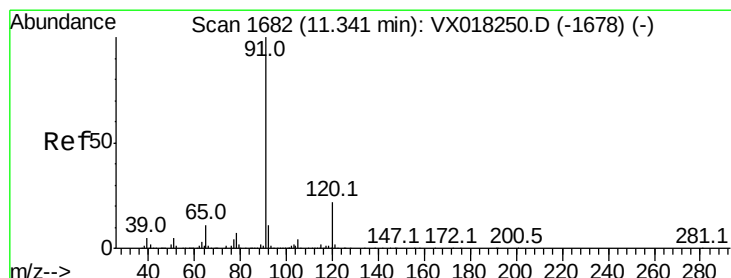
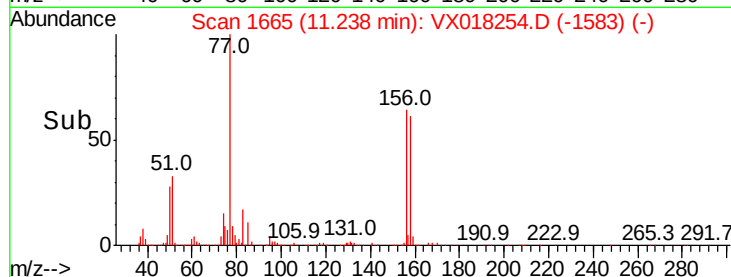
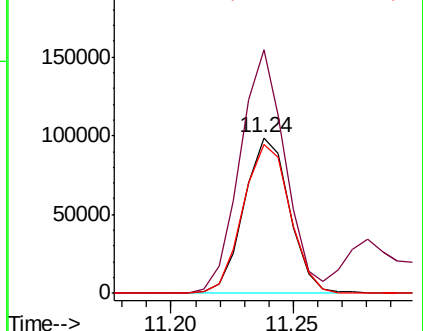
158 99.0 0.0 194.4



Abundance Ion 156.00 (155.70 to 156.70): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 158.00 (157.70 to 158.70): V



#74

n-propylbenzene

Concen: 19.016 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. 0.00 min

Lab File: VX018254.D

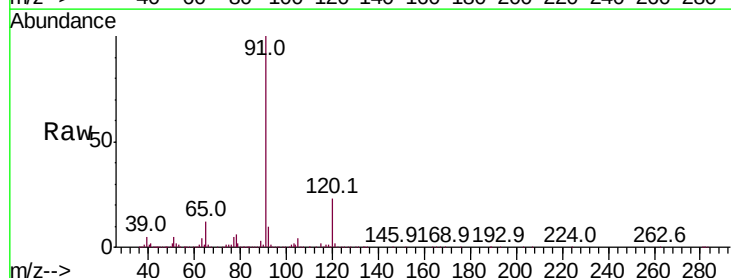
Acq: 04 Sep 2020 12:36

Tgt Ion: 91 Resp: 558640

Ion Ratio Lower Upper

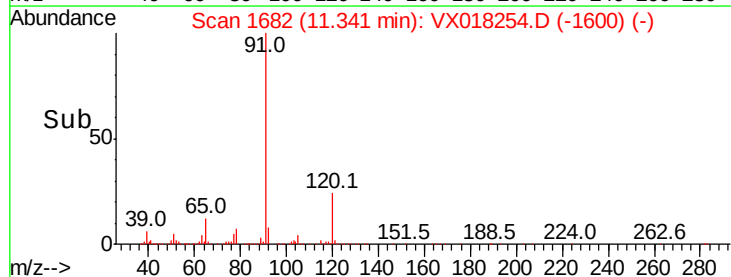
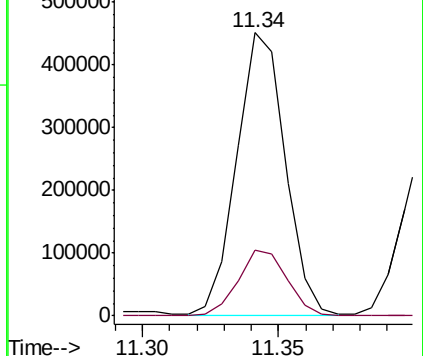
91 100

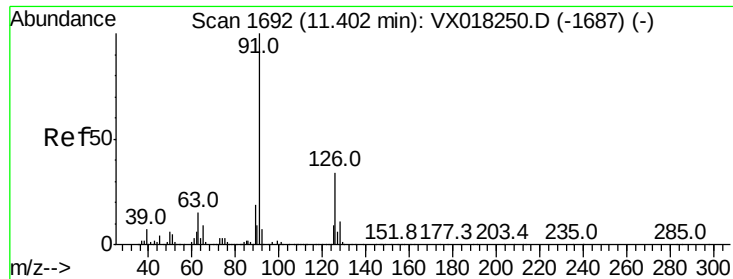
120 23.5 0.0 45.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

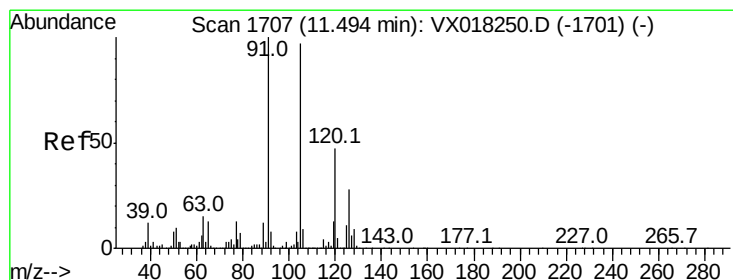
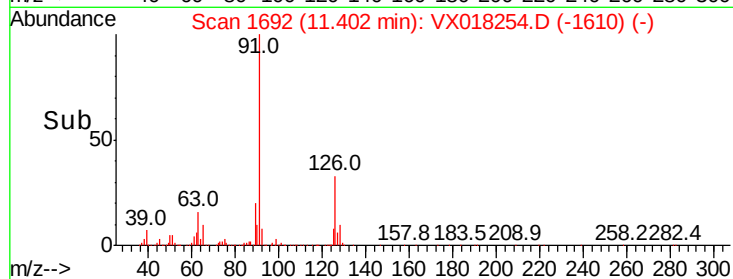
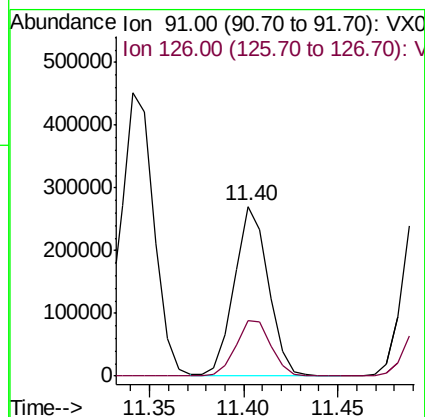
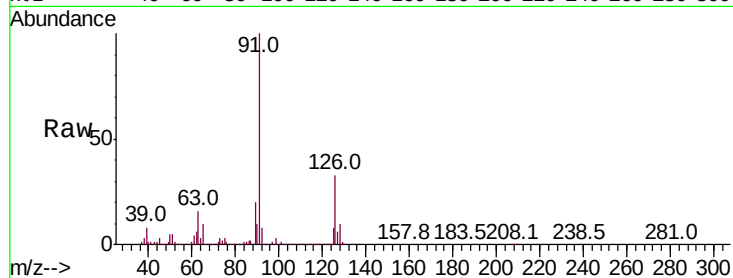




#75
 2-Chlorotoluene
 Concen: 19.083 ug/l
 RT: 11.40 min Scan# 1692
 Delta R.T. 0.00 min
 Lab File: VX018254.D
 Acq: 04 Sep 2020 12:36

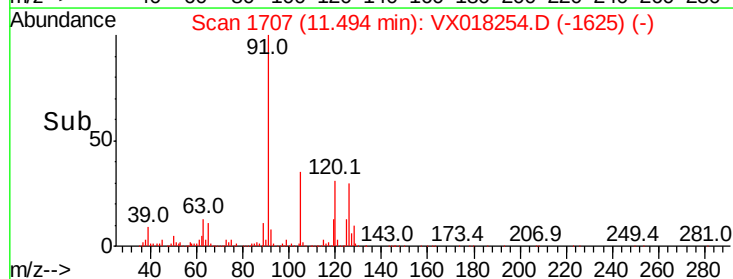
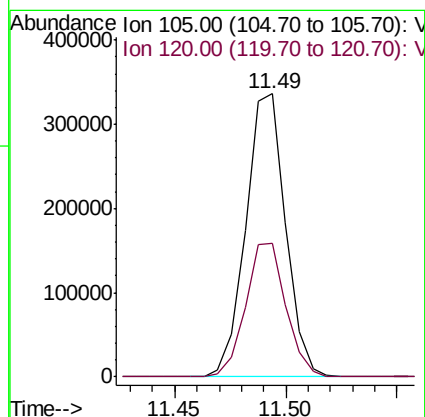
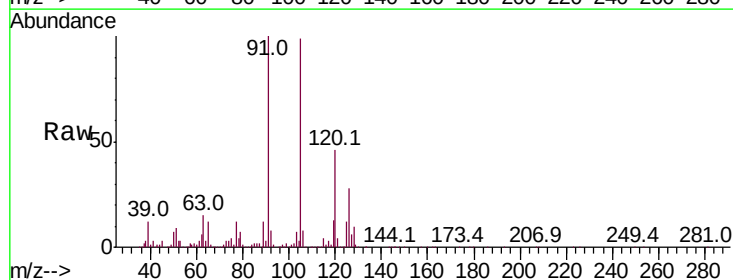
Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX090420

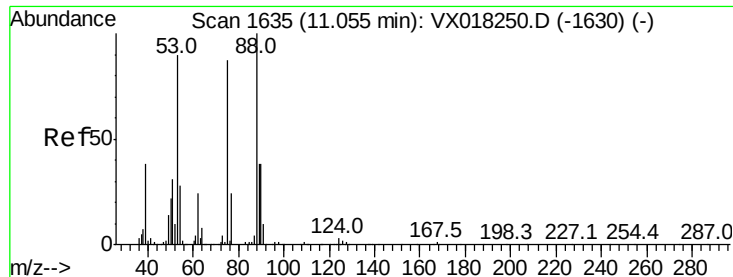
Tot Ion: 91 Resp: 339796
 Ion Ratio Lower Upper
 91 100
 126 33.9 0.0 68.4



#76
 1,3,5-Trimethylbenzene
 Concen: 19.279 ug/l
 RT: 11.49 min Scan# 1707
 Delta R.T. 0.00 min
 Lab File: VX018254.D
 Acq: 04 Sep 2020 12:36

Tgt Ion: 105 Resp: 419035
 Ion Ratio Lower Upper
 105 100
 120 47.9 0.0 95.0





#77

t-1,4-Dichloro-2-butene

Concen: 18.675 ug/l

RT: 11.05 min Scan# 1635

Delta R.T. 0.00 min

Lab File: VX018254.D

Acq: 04 Sep 2020 12:36

Instrument :

MSVOA_X

ClientSampleId :

ICVVX090420

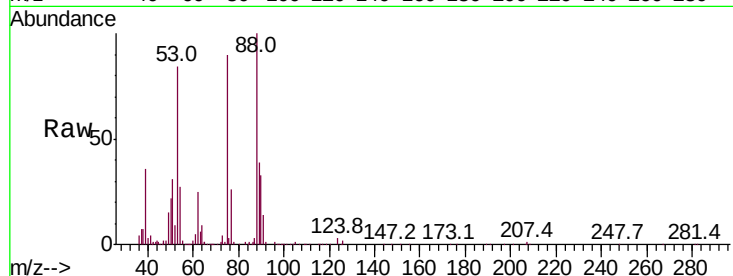
Tot Ion: 75 Resp: 56850

Ion Ratio Lower Upper

75 100

53 93.8 52.1 156.4

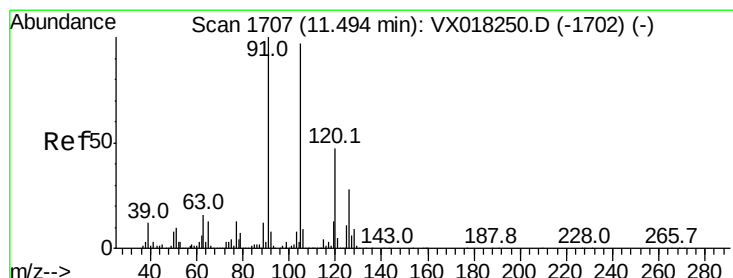
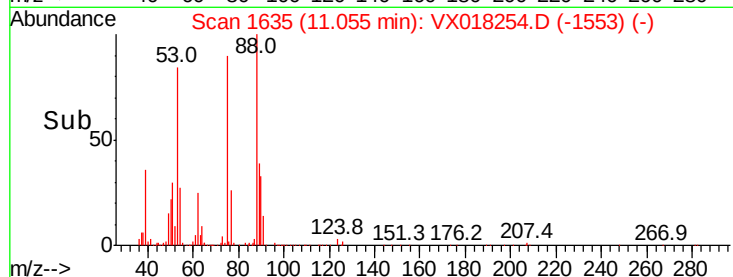
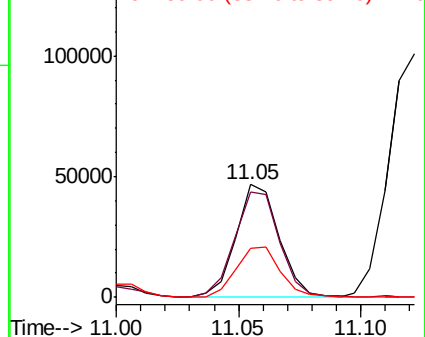
89 43.0 22.1 66.3



Abundance Ion 75.00 (74.70 to 75.70): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 89.00 (88.70 to 89.70): VX0



#78

4-Chlorotoluene

Concen: 19.233 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. 0.00 min

Lab File: VX018254.D

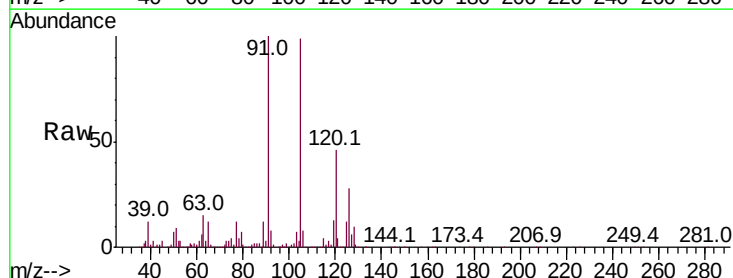
Acq: 04 Sep 2020 12:36

Tgt Ion: 91 Resp: 408518

Ion Ratio Lower Upper

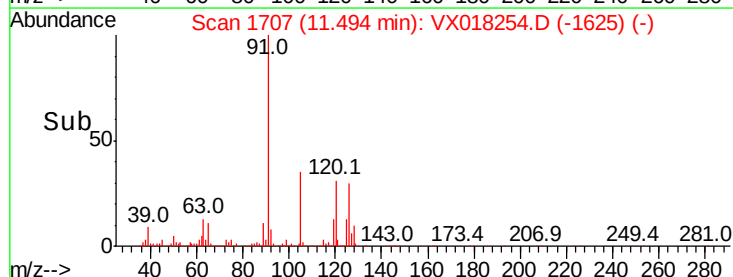
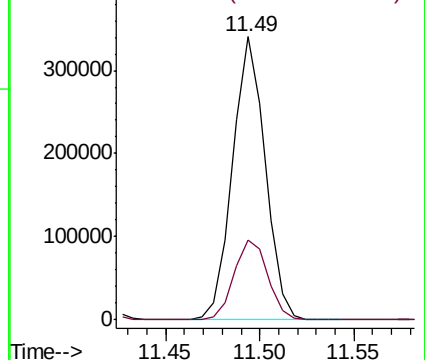
91 100

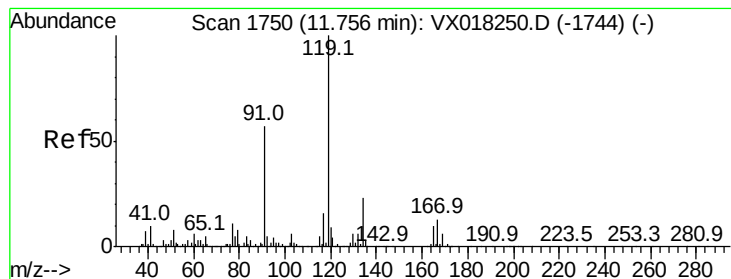
126 29.4 0.0 59.2



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 126.00 (125.70 to 126.70): V





#79

tert-butylbenzene

Concen: 18.571 ug/l

RT: 11.76 min Scan# 1750

Delta R.T. 0.00 min

Lab File: VX018254.D

Acq: 04 Sep 2020 12:36

Instrument :

MSVOA_X

ClientSampleId :

ICVVX090420

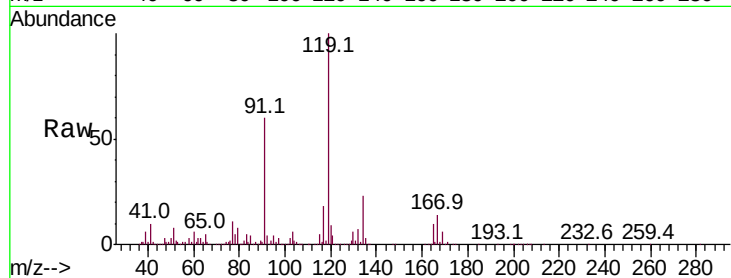
Tot Ion:119 Resp: 388835

Ion Ratio Lower Upper

119 100

91 59.7 0.0 111.8

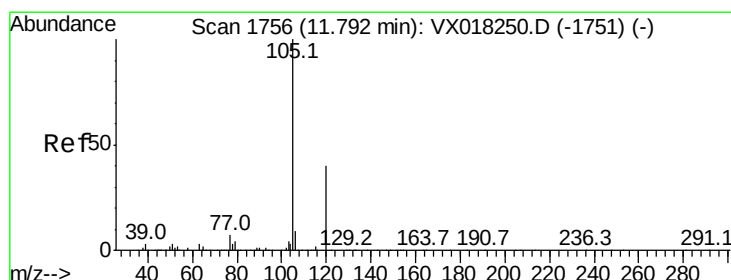
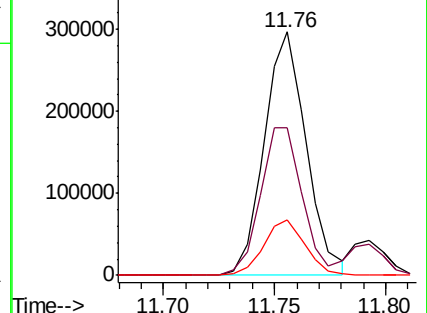
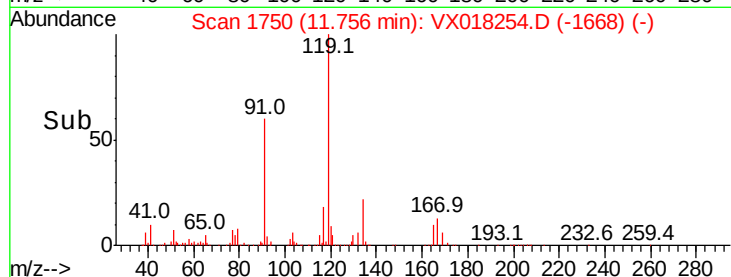
134 22.5 0.0 42.4



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VX0

Ion 134.00 (133.70 to 134.70): V



#80

1,2,4-Trimethylbenzene

Concen: 19.608 ug/l

RT: 11.79 min Scan# 1756

Delta R.T. 0.00 min

Lab File: VX018254.D

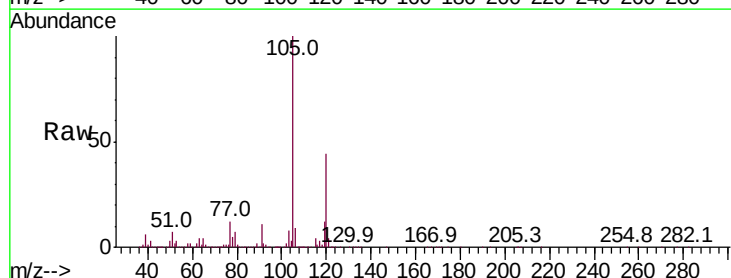
Acq: 04 Sep 2020 12:36

Tgt Ion:105 Resp: 421515

Ion Ratio Lower Upper

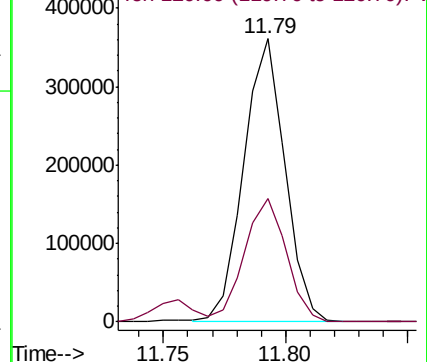
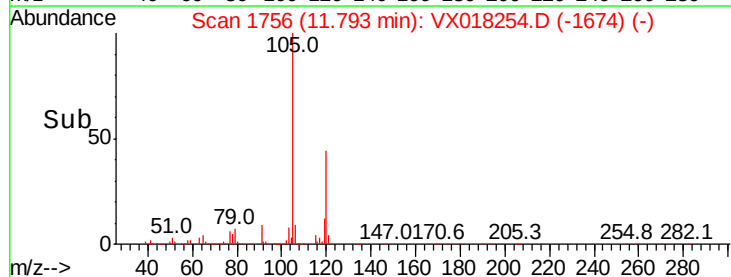
105 100

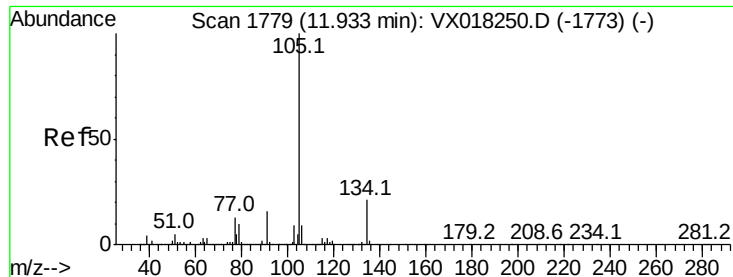
120 44.2 0.0 89.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

sec-Butylbenzene

Concen: 18.991 ug/l

RT: 11.93 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VX018254.D

Acq: 04 Sep 2020 12:36

Instrument :

MSVOA_X

ClientSampleId :

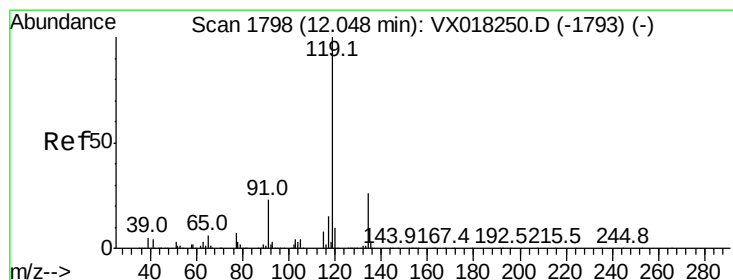
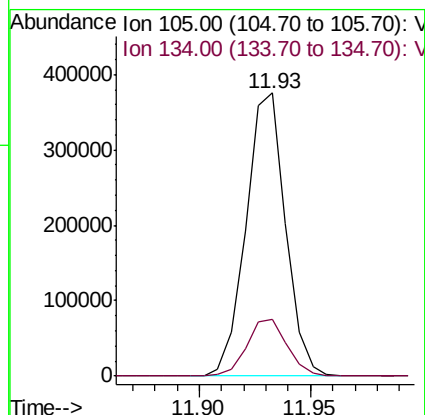
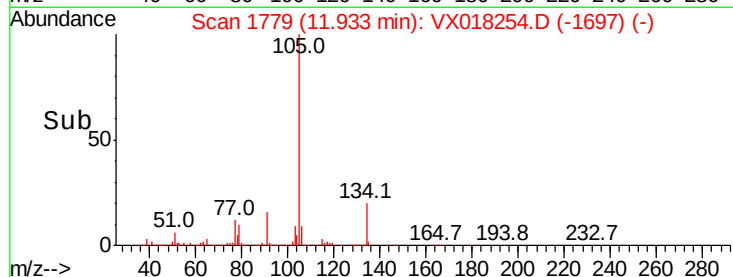
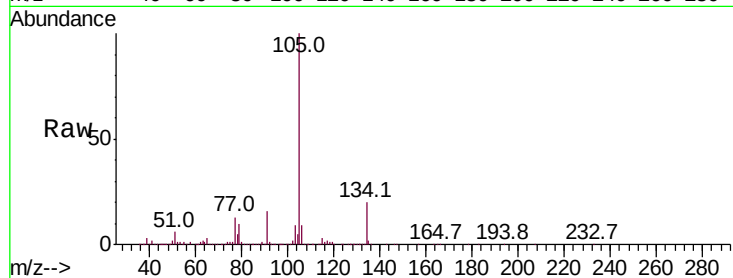
ICVX090420

Tot Ion:105 Resp: 464448

Ion Ratio Lower Upper

105 100

134 20.5 0.0 40.0



#82

p-Isopropyltoluene

Concen: 19.238 ug/l

RT: 12.05 min Scan# 1798

Delta R.T. 0.00 min

Lab File: VX018254.D

Acq: 04 Sep 2020 12:36

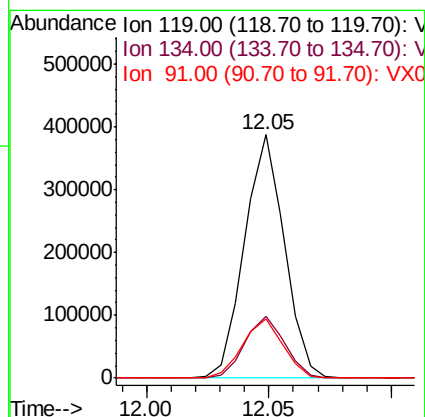
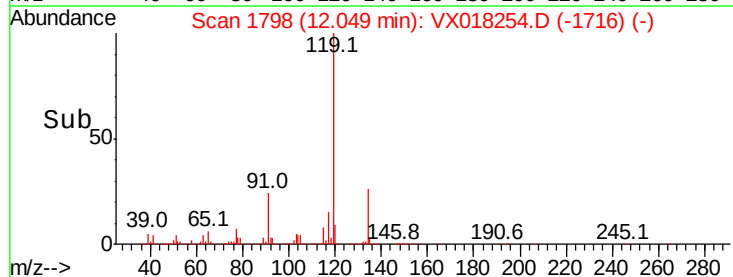
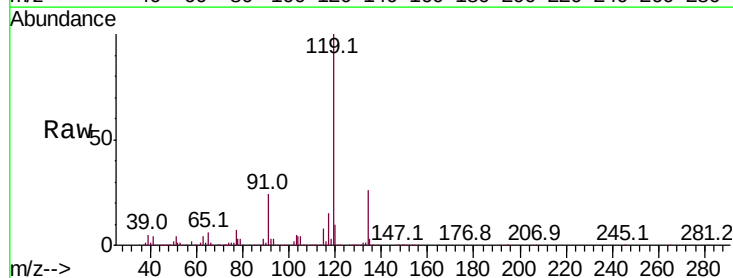
Tgt Ion:119 Resp: 438671

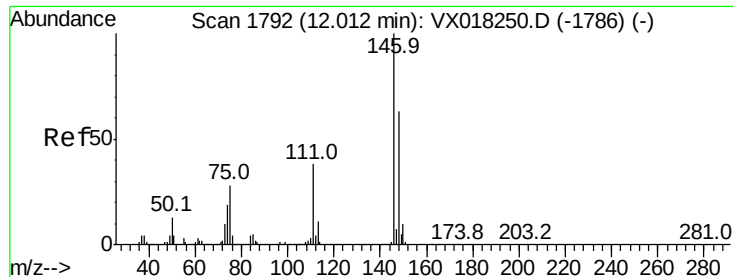
Ion Ratio Lower Upper

119 100

134 25.8 0.0 53.0

91 24.6 0.0 49.8





#83

1,3-Dichlorobenzene

Concen: 19.798 ug/l

RT: 12.01 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX018254.D

Acq: 04 Sep 2020 12:36

Instrument :

MSVOA_X

ClientSampleId :

ICVVX090420

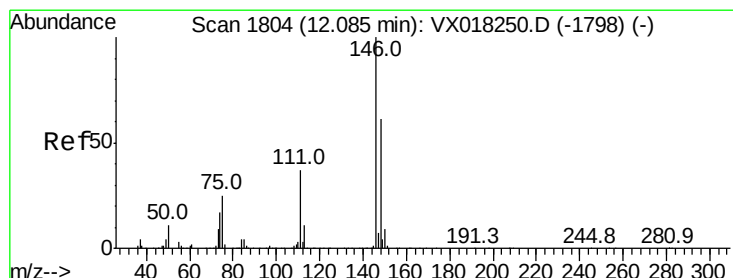
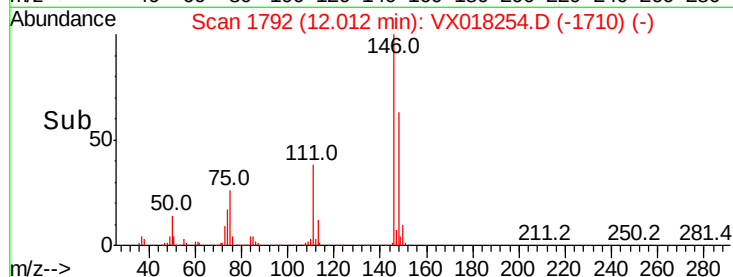
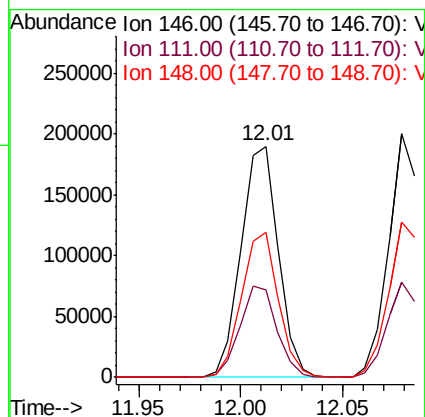
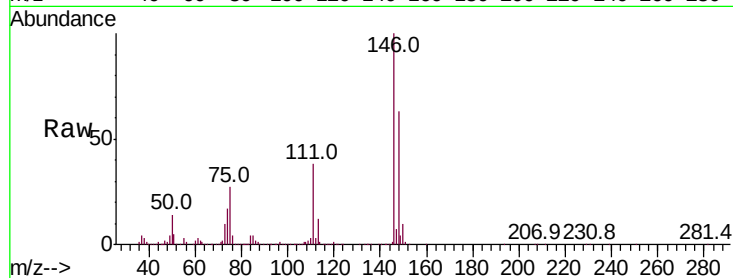
Tot Ion:146 Resp: 241959

Ion Ratio Lower Upper

146 100

111 39.7 20.0 59.9

148 61.5 32.1 96.3



#84

1,4-Dichlorobenzene

Concen: 19.205 ug/l

RT: 12.08 min Scan# 1803

Delta R.T. -0.01 min

Lab File: VX018254.D

Acq: 04 Sep 2020 12:36

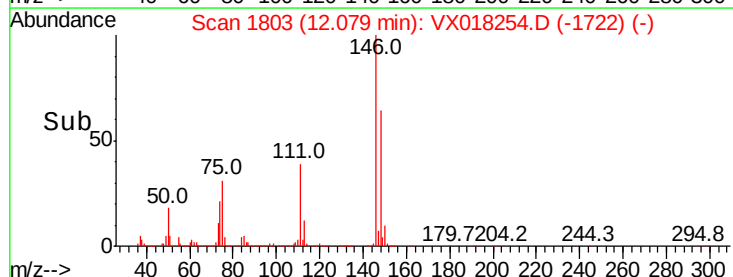
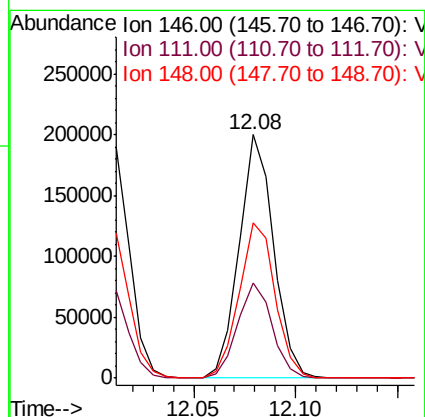
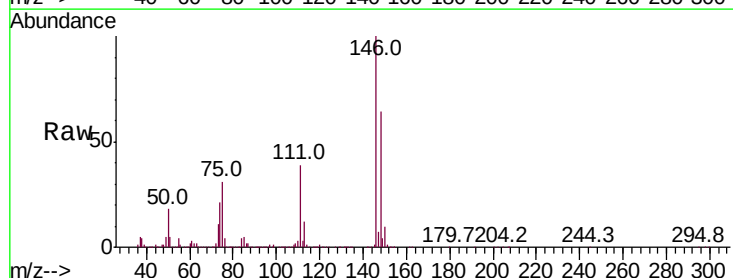
Tgt Ion:146 Resp: 234681

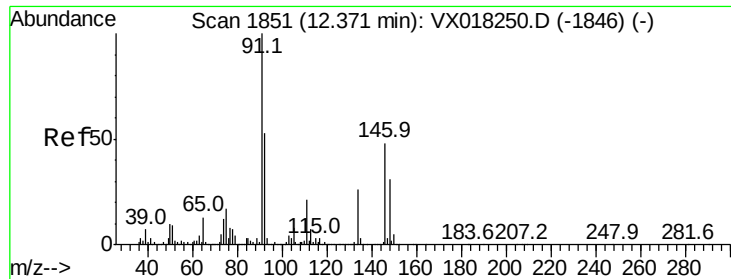
Ion Ratio Lower Upper

146 100

111 39.4 19.3 57.8

148 66.6 31.7 95.1

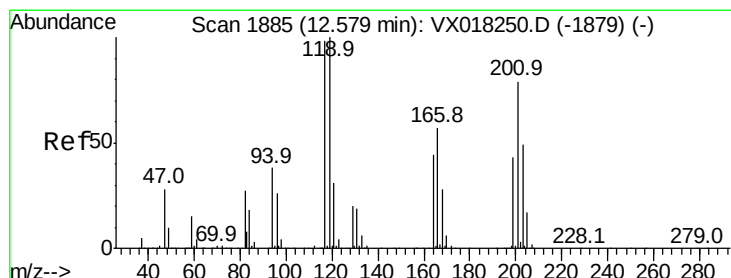
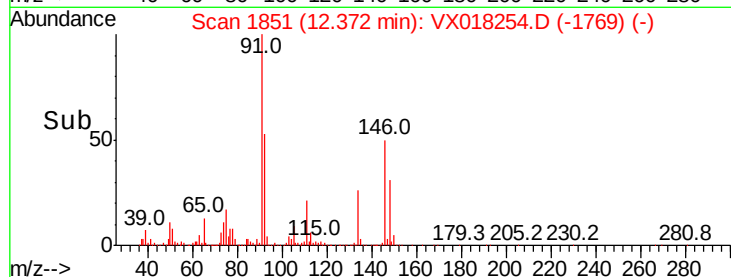
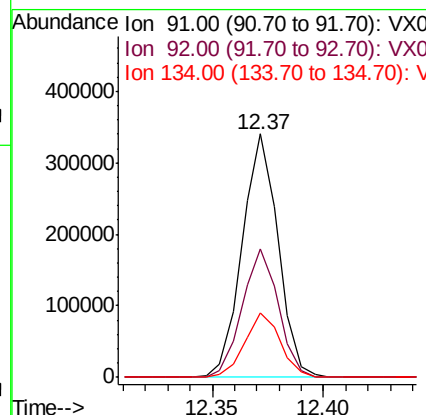
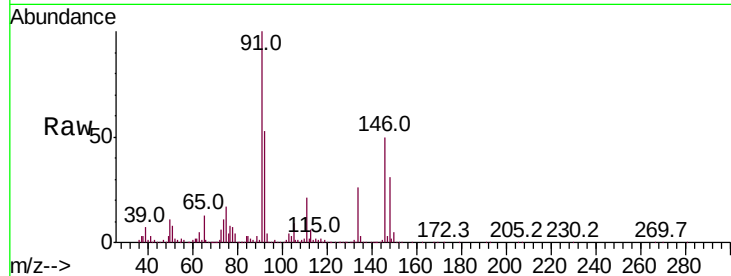




#85
n-Butylbenzene
Concen: 19.004 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. 0.00 min
Lab File: VX018254.D
Acq: 04 Sep 2020 12:36

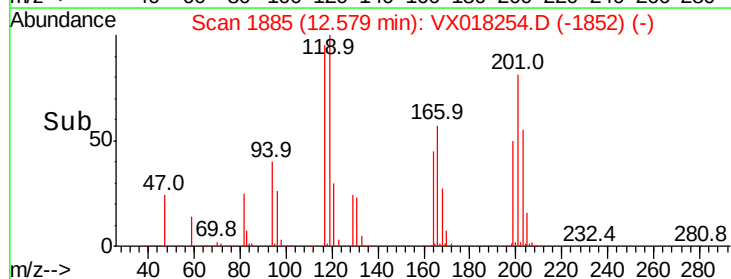
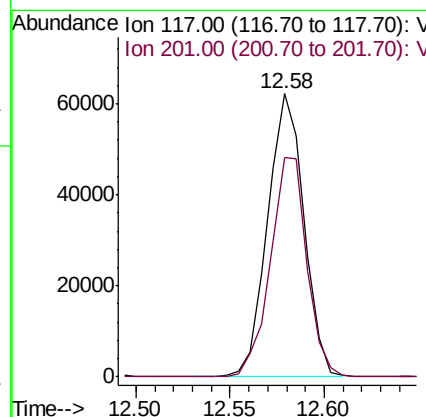
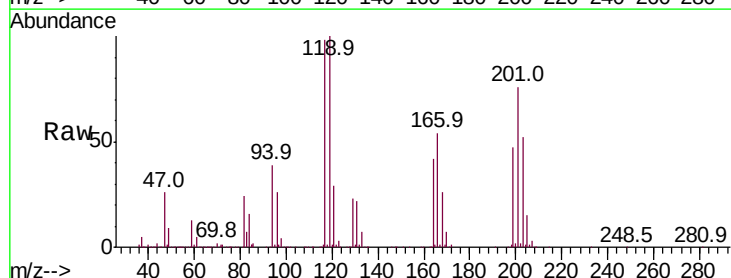
Instrument :
MSVOA_X
ClientSampleId :
ICVVX090420

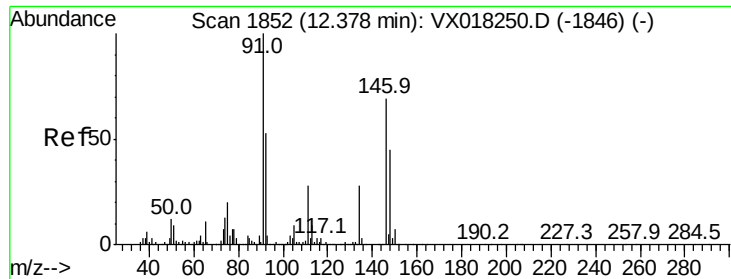
Tot Ion: 91 Resp: 381520
Ion Ratio Lower Upper
91 100
92 53.3 0.0 105.0
134 26.2 0.0 51.0



#86
Hexachloroethane
Concen: 18.495 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. 0.00 min
Lab File: VX018254.D
Acq: 04 Sep 2020 12:36

Tgt Ion: 117 Resp: 83034
Ion Ratio Lower Upper
117 100
201 77.9 39.6 118.8





#87

1,2-Dichlorobenzene

Concen: 19.841 ug/l

RT: 12.38 min Scan# 1852

Delta R.T. 0.00 min

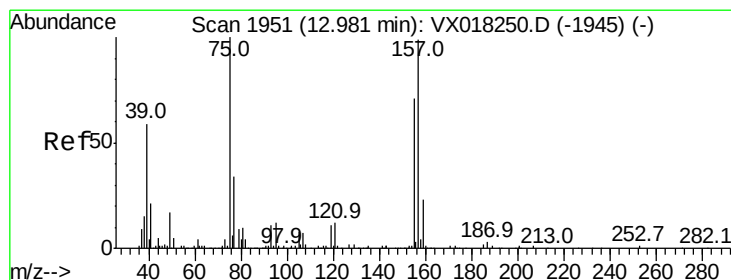
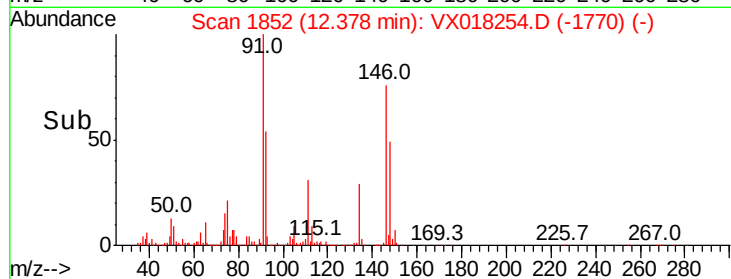
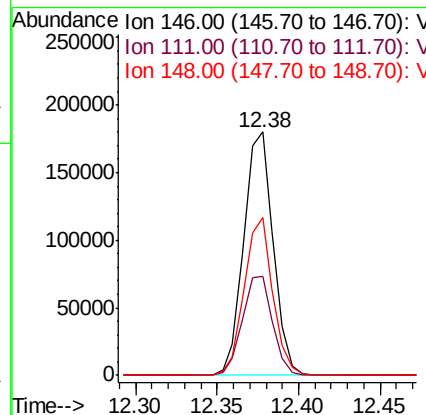
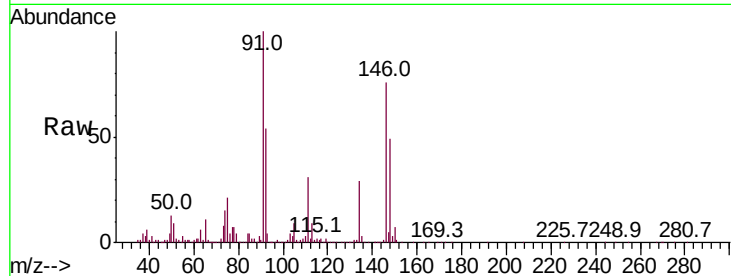
Lab File: VX018254.D

Acq: 04 Sep 2020 12:36

Instrument :
MSVOA_X
ClientSampleId :
ICVVX090420

Tot Ion:146 Resp: 227062

Ion	Ratio	Lower	Upper
146	100		
111	41.7	21.4	64.3
148	62.5	32.0	96.2



#88

1,2-Dibromo-3-Chloropropane

Concen: 18.617 ug/l

RT: 12.98 min Scan# 1951

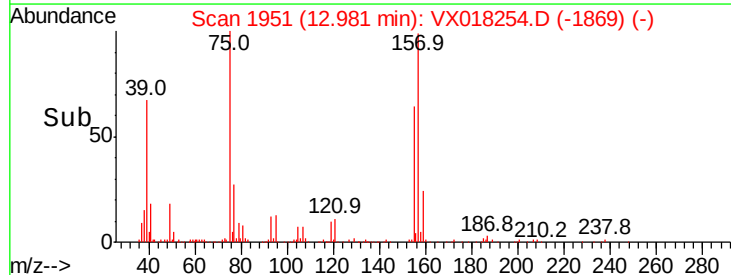
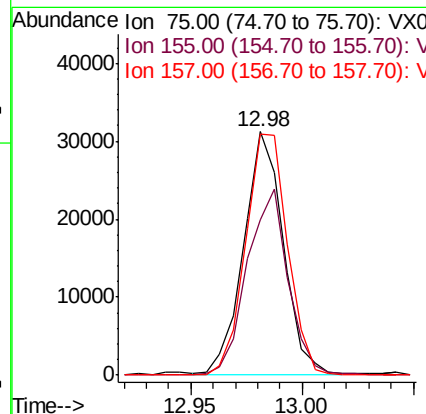
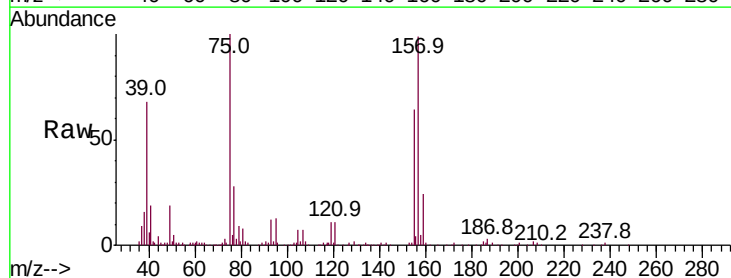
Delta R.T. 0.00 min

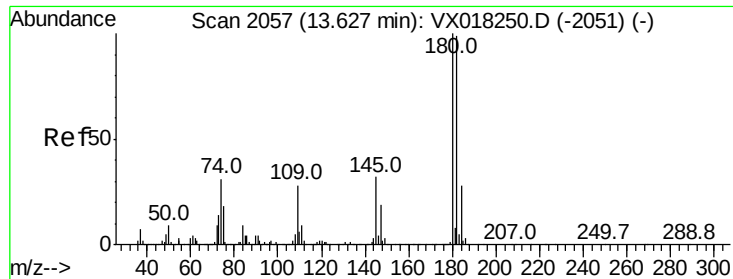
Lab File: VX018254.D

Acq: 04 Sep 2020 12:36

Tgt Ion: 75 Resp: 38831

Ion	Ratio	Lower	Upper
75	100		
155	79.1	63.4	95.2
157	104.6	87.0	130.6

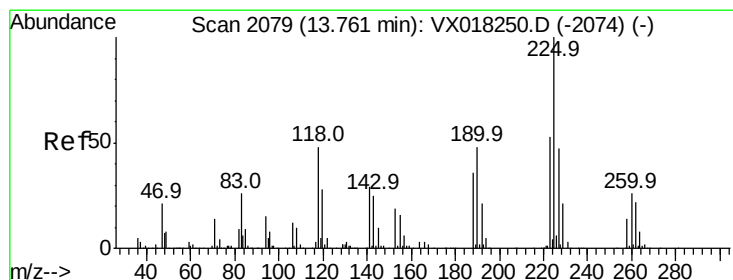
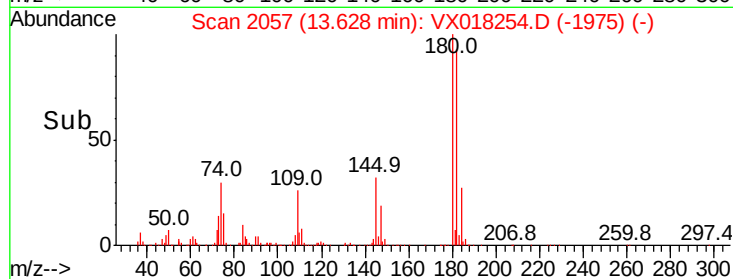
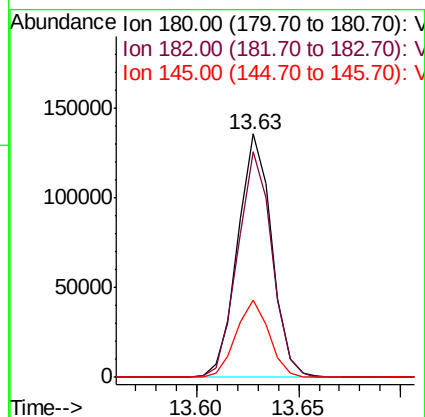
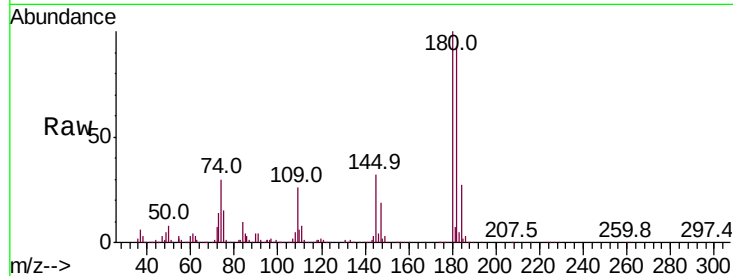




#89
 1,2,4-Trichlorobenzene
 Concen: 20.068 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. 0.00 min
 Lab File: VX018254.D
 Acq: 04 Sep 2020 12:36

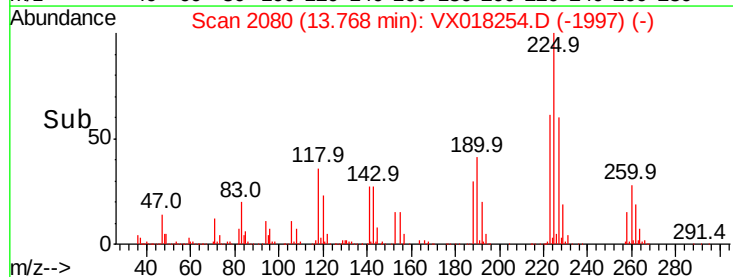
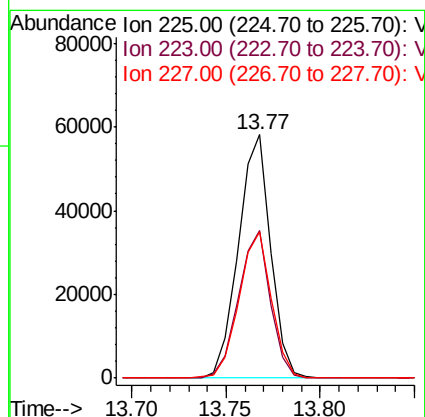
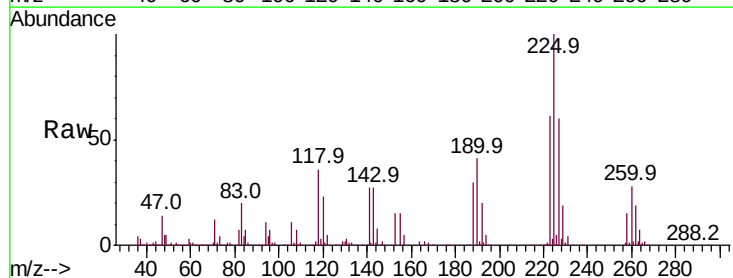
Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX090420

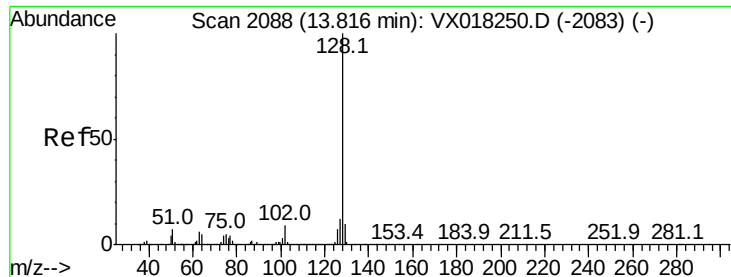
Tot Ion	Ratio	Lower	Upper
180	100		
182	94.2	77.1	115.7
145	31.2	25.0	37.6



#90
 Hexachlorobutadiene
 Concen: 21.090 ug/l
 RT: 13.77 min Scan# 2080
 Delta R.T. 0.01 min
 Lab File: VX018254.D
 Acq: 04 Sep 2020 12:36

Tgt Ion	Ratio	Lower	Upper
225	100		
223	59.7	0.0	115.8
227	60.2	0.0	117.0





#91

Naphthalene

Concen: 18.517 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. 0.00 min

Lab File: VX018254.D

Acq: 04 Sep 2020 12:36

Instrument :

MSVOA_X

ClientSampleId :

ICVX090420

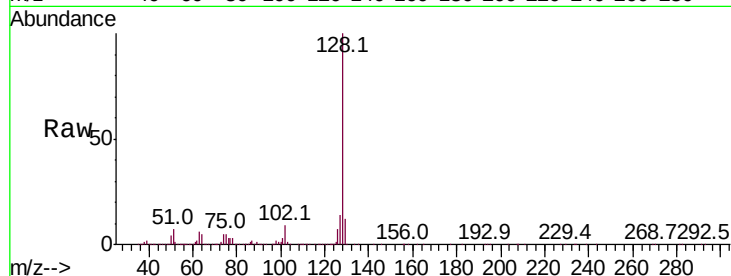
Tot Ion:128 Resp: 447429

Ion Ratio Lower Upper

128 100

127 13.6 10.2 15.4

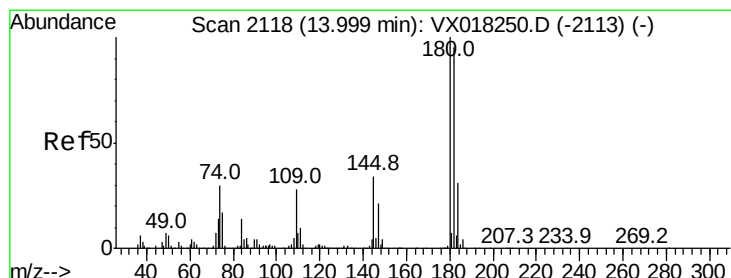
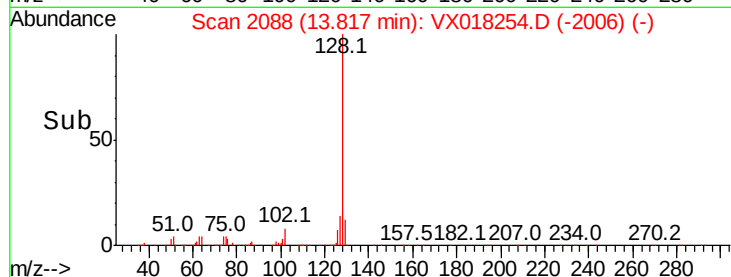
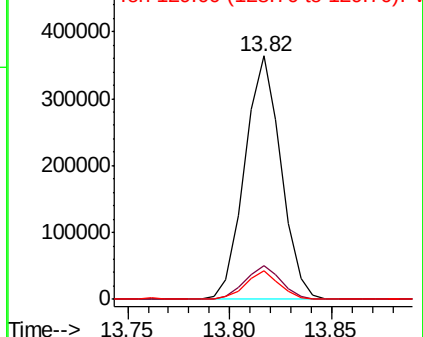
129 11.1 8.7 13.1



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



#92

1,2,3-Trichlorobenzene

Concen: 19.539 ug/l

RT: 14.00 min Scan# 2118

Delta R.T. 0.00 min

Lab File: VX018254.D

Acq: 04 Sep 2020 12:36

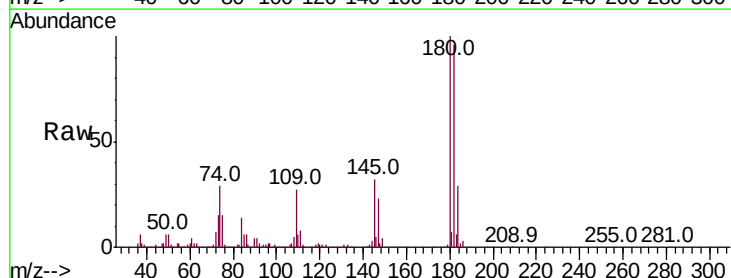
Tgt Ion:180 Resp: 149659

Ion Ratio Lower Upper

180 100

182 94.7 0.0 191.6

145 31.9 0.0 67.4



Abundance Ion 180.00 (179.70 to 180.70): V

Ion 182.00 (181.70 to 182.70): V

Ion 145.00 (144.70 to 145.70): V

