

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX102020\
 Data File : VX018984.D
 Acq On : 20 Oct 2020 19:13
 Operator : JC/SP
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX102020

Quant Time: Oct 21 03:26:30 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X102020W.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 20 19:16:32 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	174228	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	314826	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	321991	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	191123	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.03	65	114259	49.89	ug/l	0.00
Spiked Amount			Recovery	=	99.78%	
35) Dibromofluoromethane	5.46	113	97137	48.82	ug/l	0.00
Spiked Amount			Recovery	=	97.64%	
50) Toluene-d8	8.70	98	399455	50.38	ug/l	0.00
Spiked Amount			Recovery	=	100.76%	
62) 4-Bromofluorobenzene	11.12	95	159668	51.56	ug/l	0.00
Spiked Amount			Recovery	=	103.12%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.18	85	74600	51.536	ug/l	98
3) Chloromethane	1.31	50	84971	50.557	ug/l	98
4) Vinyl Chloride	1.39	62	115637	50.735	ug/l	100
5) Bromomethane	1.62	94	92628	51.299	ug/l	98
6) Chloroethane	1.70	64	84550	49.669	ug/l	99
7) Trichlorofluoromethane	1.91	101	204498	51.732	ug/l	99
8) Diethyl Ether	2.17	74	81026	51.039	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.36	101	76161	47.674	ug/l	98
10) Methyl Iodide	2.49	142	93633	49.211	ug/l	100
11) Tert butyl alcohol	3.01	59	130593	248.629	ug/l	100
12) 1,1-Dichloroethene	2.35	96	79955	42.099	ug/l	96
13) Acrolein	2.27	56	74462	271.316	ug/l	100
14) Allyl chloride	2.70	41	112972	49.549	ug/l	99
15) Acrylonitrile	3.12	53	228842	251.001	ug/l	99
16) Acetone	2.42	43	193721	242.925	ug/l	100
17) Carbon Disulfide	2.54	76	235047	47.755	ug/l	99
18) Methyl Acetate	2.75	43	98263	50.852	ug/l	98
19) Methyl tert-butyl Ether	3.17	73	282970	49.462	ug/l	98
20) Methylene Chloride	2.83	84	99181	48.131	ug/l	98
21) trans-1,2-Dichloroethene	3.14	96	100093	48.626	ug/l	100
22) Diisopropyl ether	3.82	45	229688	48.998	ug/l	96
23) Vinyl Acetate	3.78	43	1131967	256.034	ug/l	100
24) 1,1-Dichloroethane	3.67	63	167263	49.975	ug/l	99
25) 2-Butanone	4.64	43	328246	254.810	ug/l	100
26) 2,2-Dichloropropane	4.55	77	153233	47.734	ug/l	99
27) cis-1,2-Dichloroethene	4.56	96	118379	49.212	ug/l	98
28) Bromochloromethane	4.98	49	70552	48.881	ug/l	96
29) Tetrahydrofuran	5.09	42	187239	246.579	ug/l	99
30) Chloroform	5.18	83	185893	49.810	ug/l	96
31) Cyclohexane	5.55	56	128948	48.163	ug/l	97
32) 1,1,1-Trichloroethane	5.46	97	167789	50.015	ug/l	100
36) 1,1-Dichloropropene	5.76	75	141267	48.015	ug/l	100
37) Ethyl Acetate	4.79	43	127929	50.295	ug/l	99
38) Carbon Tetrachloride	5.75	117	143259	48.384	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	152606	48.007	ug/l	100
40) Benzene	6.11	78	424390	49.588	ug/l	100
41) Methacrylonitrile	5.00	41	66376	48.814	ug/l	98
42) 1,2-Dichloroethane	6.16	62	145504	49.568	ug/l	99
43) Isopropyl Acetate	6.41	43	212470	49.573	ug/l	99
44) Trichloroethene	7.19	130	114241	48.206	ug/l	98
45) 1,2-Dichloropropane	7.49	63	102053	48.984	ug/l	97
46) Dibromomethane	7.64	93	76994	49.240	ug/l	100
47) Bromodichloromethane	7.87	83	153905	49.611	ug/l	97
48) Methyl methacrylate	7.74	41	99835	47.179	ug/l	100
49) 1,4-Dioxane	7.71	88	55569	990.618	ug/l	100
51) 4-Methyl-2-Pentanone	8.62	43	669607	253.022	ug/l	100
52) Toluene	8.76	92	292071	51.015	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	178318	50.310	ug/l	99
54) cis-1,3-Dichloropropene	8.42	75	183097	49.709	ug/l	99
55) 1,1,2-Trichloroethane	9.20	97	118267	50.784	ug/l	99
56) Ethyl methacrylate	9.16	69	175121	51.011	ug/l	100
57) 1,3-Dichloropropane	9.35	76	189912	50.557	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	439465	248.509	ug/l	99
59) 2-Hexanone	9.47	43	527635	256.742	ug/l	99
60) Dibromochloromethane	9.57	129	133317	51.838	ug/l	100
61) 1,2-Dibromoethane	9.65	107	130261	52.143	ug/l	97
64) Tetrachloroethene	9.32	164	103386	45.569	ug/l	98
65) Chlorobenzene	10.12	112	327804	48.295	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.20	131	119104	49.237	ug/l	99
67) Ethyl Benzene	10.23	91	577300	49.084	ug/l	99
68) m/p-Xylenes	10.34	106	466291	100.569	ug/l	99
69) o-Xylene	10.68	106	220181	49.581	ug/l	98
70) Styrene	10.70	104	389715	51.159	ug/l	99
71) Bromoform	10.84	173	108247	45.746	ug/l	99
73) Isopropylbenzene	11.00	105	595718	46.210	ug/l	100
74) N-amyl acetate	10.88	43	188455	42.781	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.25	83	198274	45.679	ug/l	100
76) 1,2,3-Trichloropropane	11.28	75	224657	57.192	ug/l	86
77) Bromobenzene	11.24	156	152452	47.567	ug/l	94
78) n-propylbenzene	11.34	91	676351	45.636	ug/l	100
79) 2-Chlorotoluene	11.40	91	396108	45.326	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	523736	47.208	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.05	75	65983	44.308	ug/l	97
82) 4-Chlorotoluene	11.49	91	482796	45.040	ug/l	100
83) tert-Butylbenzene	11.76	119	521208	48.241	ug/l	98
84) 1,2,4-Trimethylbenzene	11.79	105	525504	46.980	ug/l	100
85) sec-Butylbenzene	11.93	105	608781	47.131	ug/l	100
86) p-Isopropyltoluene	12.05	119	573301	47.194	ug/l	100
87) 1,3-Dichlorobenzene	12.01	146	296463	47.504	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	304725	47.268	ug/l	98
89) n-Butylbenzene	12.37	91	503416	44.363	ug/l	99
90) Hexachloroethane	12.58	117	90780	47.663	ug/l	95
91) 1,2-Dichlorobenzene	12.37	146	290648	47.963	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	12.98	75	47700	44.732	ug/l	99

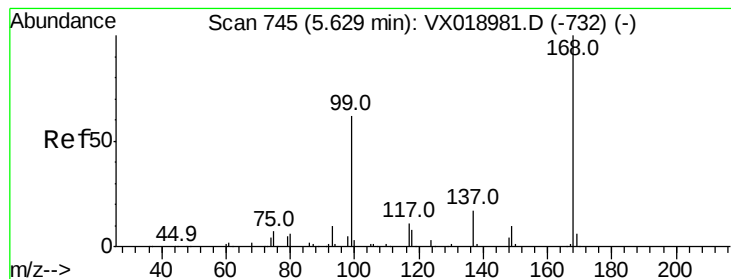
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX102020\
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	191973	45.223	ug/l	98
94) Hexachlorobutadiene	13.77	225	78475	45.529	ug/l	96
95) Naphthalene	13.82	128	686117	48.438	ug/l	100
96) 1,2,3-Trichlorobenzene	14.00	180	193744	48.334	ug/l	97

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.00 min

Lab File: VX018984.D

Acq: 20 Oct 2020 19:13

Instrument :

MSVOA_X

ClientSampleId :

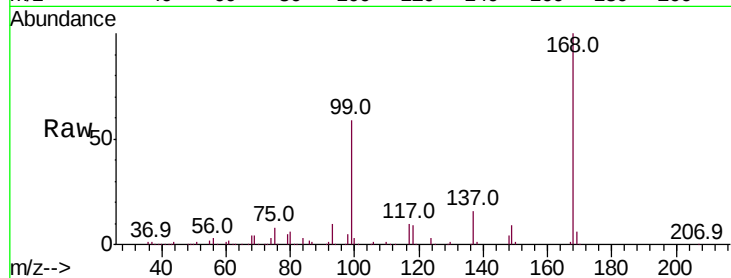
ICVVX102020

Tot Ion:168 Resp: 174228

Ion Ratio Lower Upper

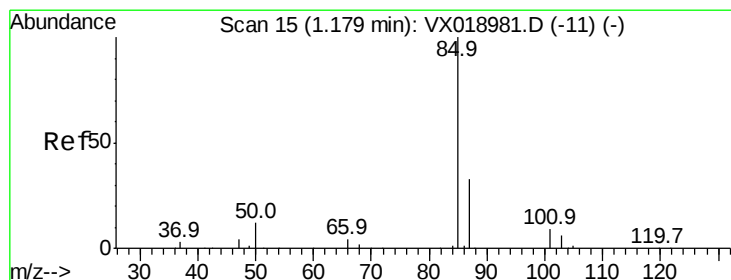
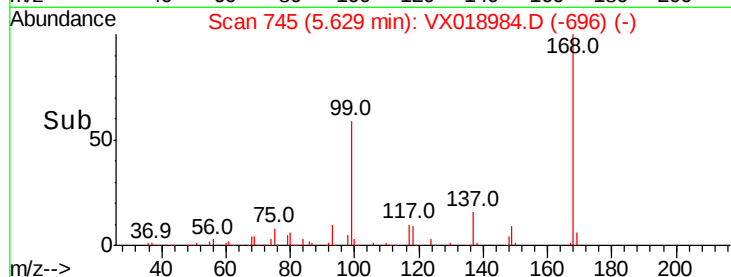
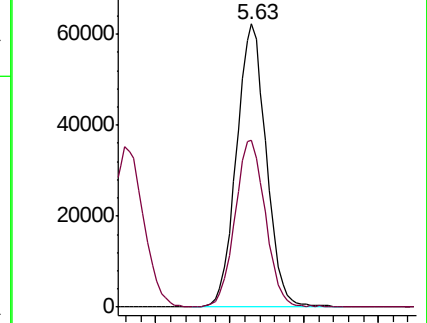
168 100

99 58.9 49.7 74.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 51.536 ug/l

RT: 1.18 min Scan# 15

Delta R.T. -0.00 min

Lab File: VX018984.D

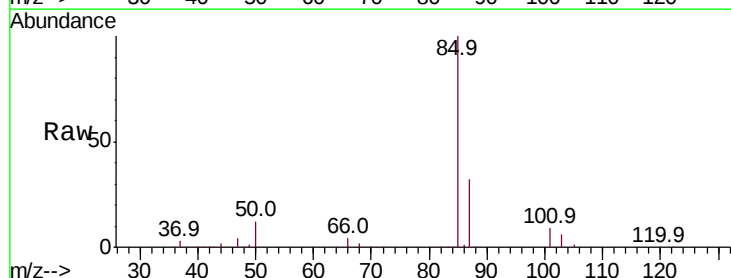
Acq: 20 Oct 2020 19:13

Tgt Ion: 85 Resp: 74600

Ion Ratio Lower Upper

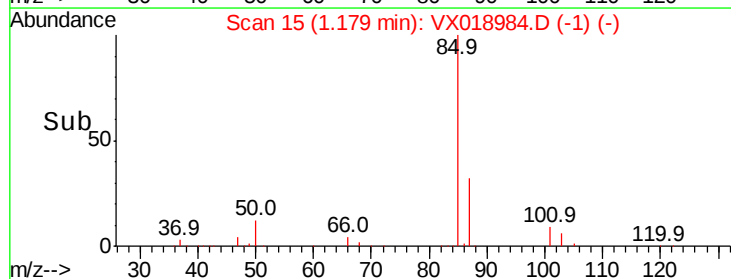
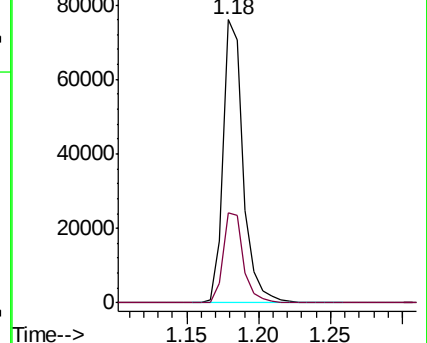
85 100

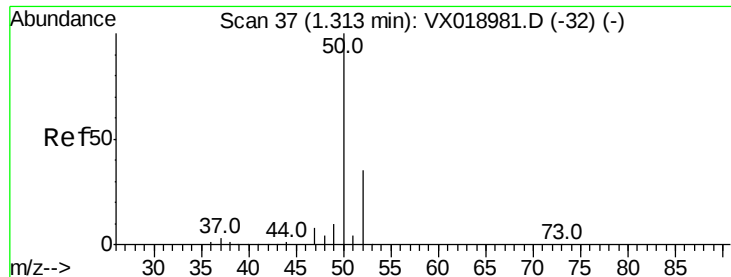
87 31.7 16.4 49.1



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 50.557 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX018984.D

Acq: 20 Oct 2020 19:13

Instrument :

MSVOA_X

ClientSampleId :

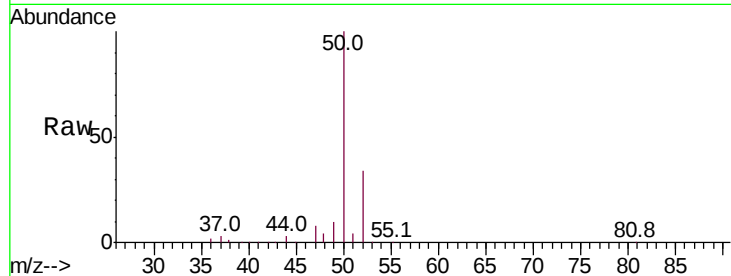
ICVVX102020

Tot Ion: 50 Resp: 84971

Ion Ratio Lower Upper

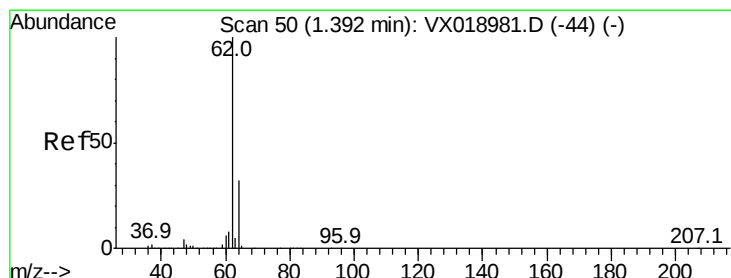
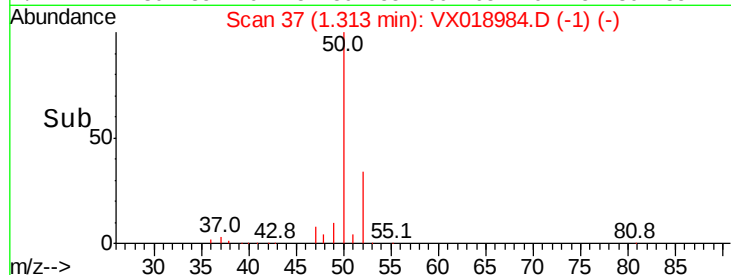
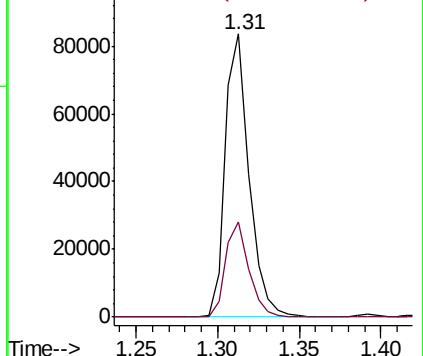
50 100

52 33.7 27.7 41.5



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 50.735 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX018984.D

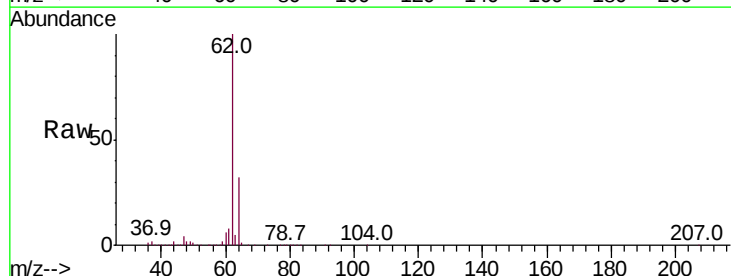
Acq: 20 Oct 2020 19:13

Tgt Ion: 62 Resp: 115637

Ion Ratio Lower Upper

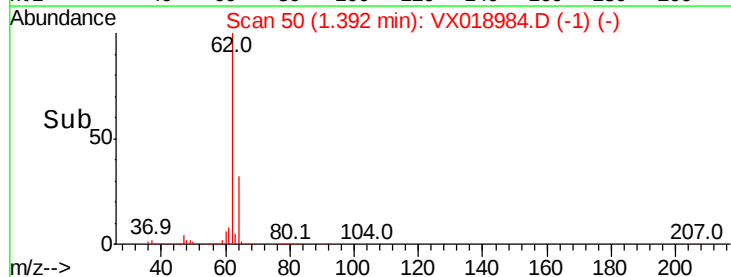
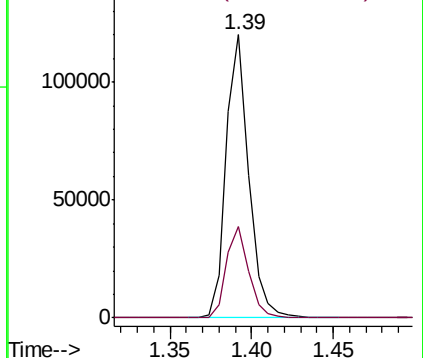
62 100

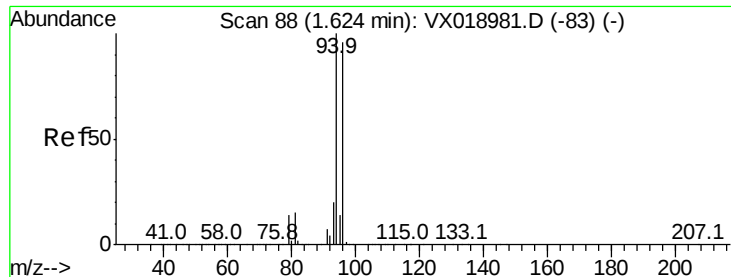
64 32.4 25.8 38.8



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 51.299 ug/l

RT: 1.62 min Scan# 88

Delta R.T. -0.00 min

Lab File: VX018984.D

Acq: 20 Oct 2020 19:13

Instrument :

MSVOA_X

ClientSampleId :

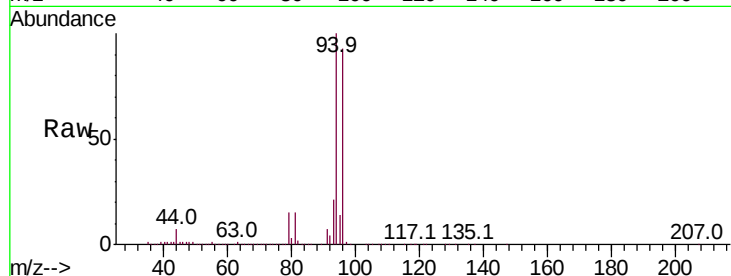
ICVVX102020

Tot Ion: 94 Resp: 92628

Ion Ratio Lower Upper

94 100

96 93.2 76.4 114.6



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.62

100000

80000

60000

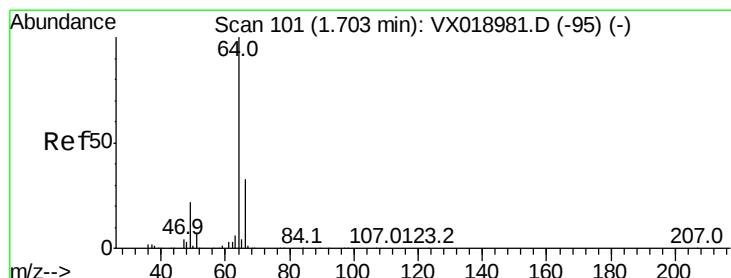
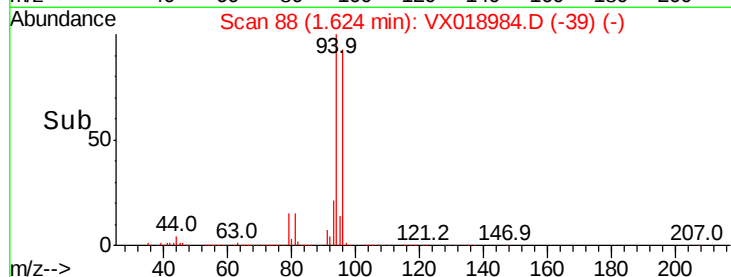
40000

20000

0

Time-->

1.60 1.65



#6

Chloroethane

Concen: 49.669 ug/l

RT: 1.70 min Scan# 101

Delta R.T. -0.00 min

Lab File: VX018984.D

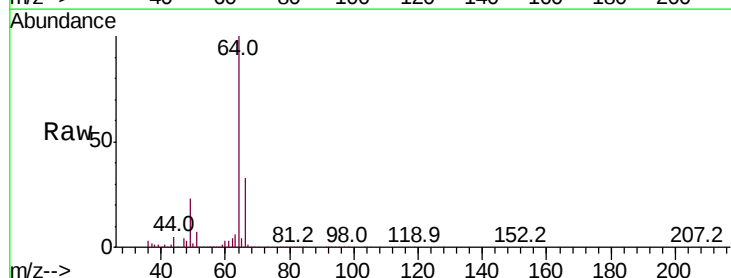
Acq: 20 Oct 2020 19:13

Tgt Ion: 64 Resp: 84550

Ion Ratio Lower Upper

64 100

66 33.3 26.3 39.5



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1.70

80000

60000

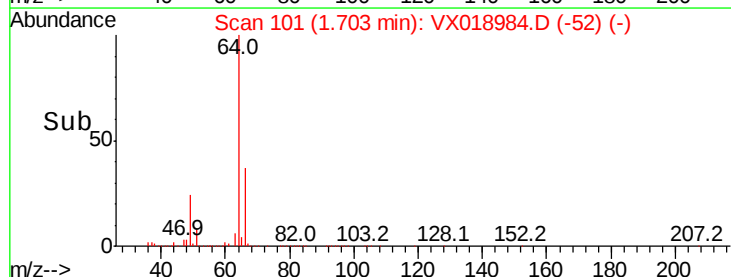
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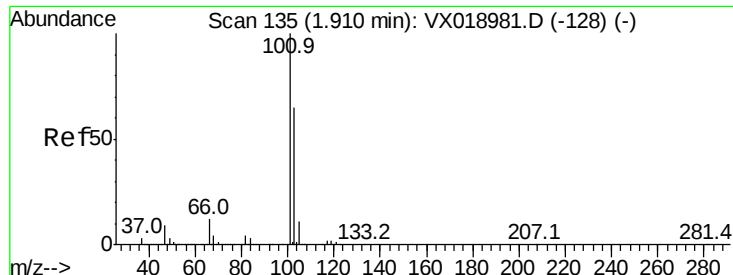
20000

0

Time-->

1.60 1.70 1.80



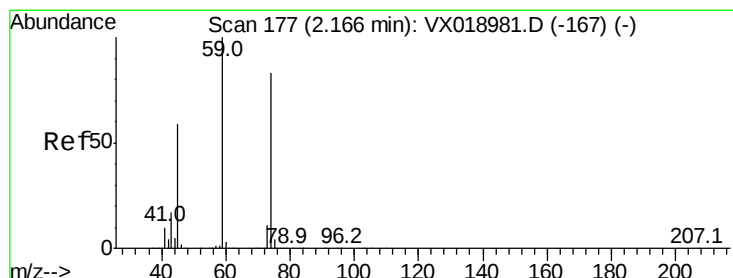
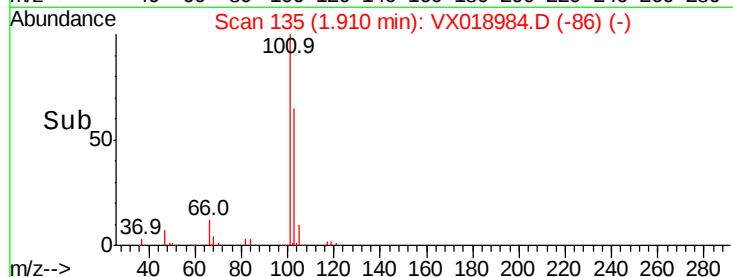
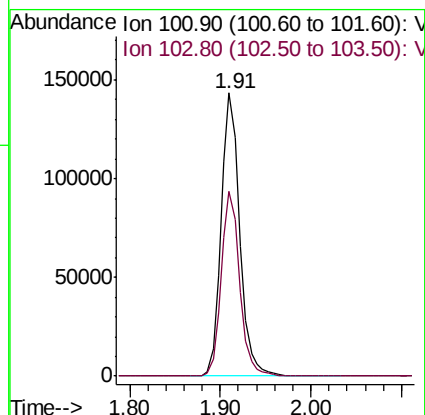
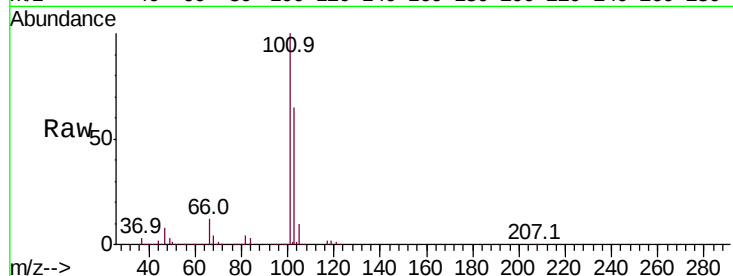


#7

Trichlorofluoromethane
 Concen: 51.732 ug/l
 RT: 1.91 min Scan# 135
 Delta R.T. -0.00 min
 Lab File: VX018984.D
 Acq: 20 Oct 2020 19:13

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX102020

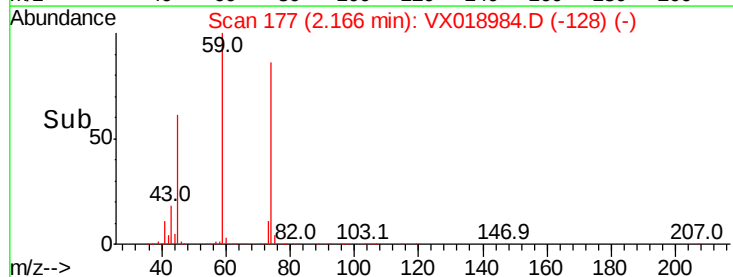
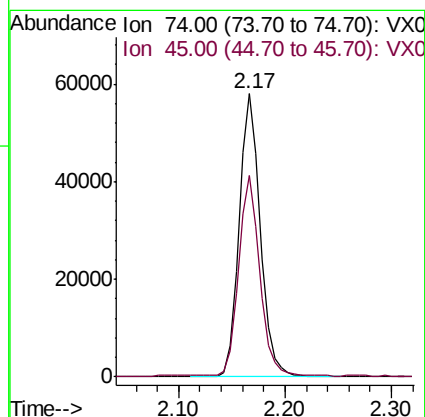
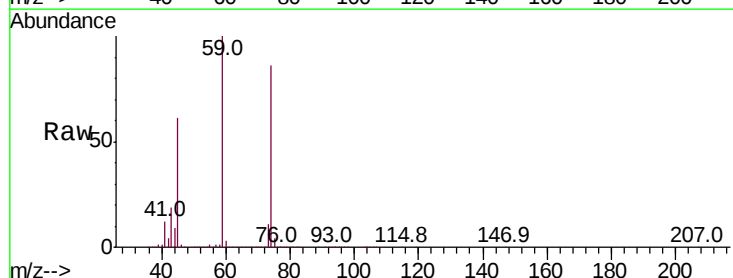
Tot Ion:101 Resp: 204498
 Ion Ratio Lower Upper
 101 100
 103 65.1 51.6 77.4

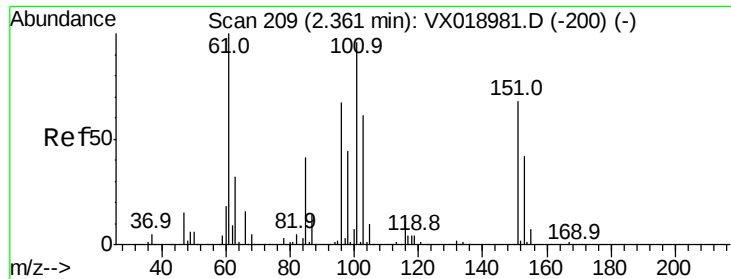


#8

Diethyl Ether
 Concen: 51.039 ug/l
 RT: 2.17 min Scan# 177
 Delta R.T. -0.00 min
 Lab File: VX018984.D
 Acq: 20 Oct 2020 19:13

Tgt Ion: 74 Resp: 81026
 Ion Ratio Lower Upper
 74 100
 45 70.3 36.0 108.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 47.674 ug/l

RT: 2.36 min Scan# 209

Delta R.T. 0.00 min

Lab File: VX018984.D

Acq: 20 Oct 2020 19:13

Instrument :

MSVOA_X

ClientSampleId :

ICVVX102020

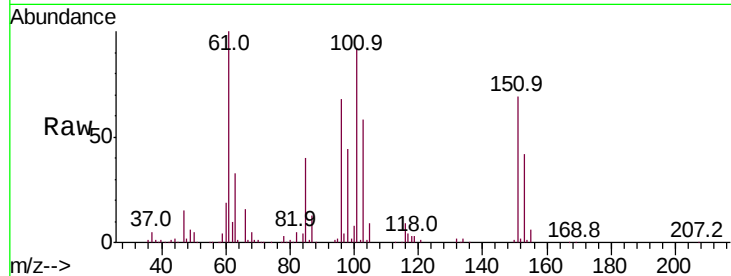
Tot Ion:101 Resp: 76161

Ion Ratio Lower Upper

101 100

85 44.1 34.9 52.3

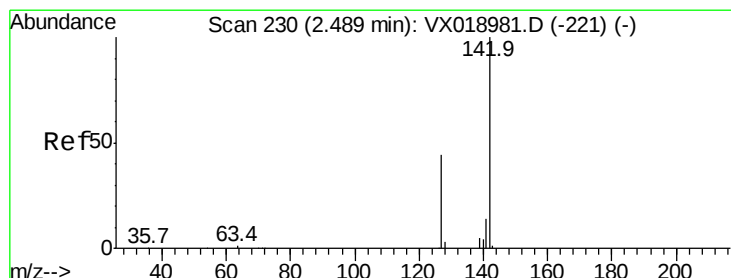
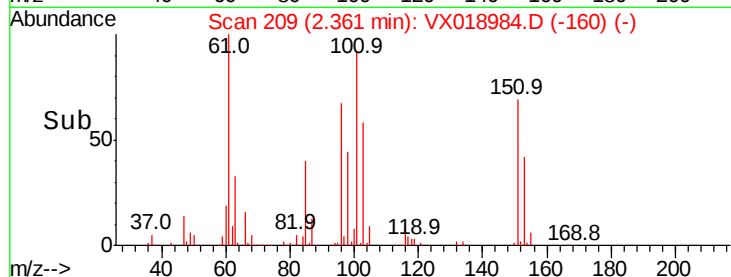
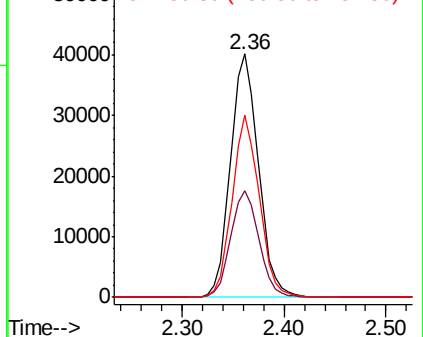
151 72.2 56.1 84.1



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 49.211 ug/l

RT: 2.49 min Scan# 230

Delta R.T. -0.00 min

Lab File: VX018984.D

Acq: 20 Oct 2020 19:13

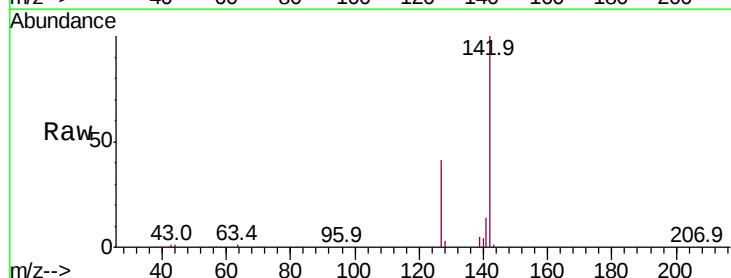
Tgt Ion:142 Resp: 93633

Ion Ratio Lower Upper

142 100

127 42.9 34.2 51.2

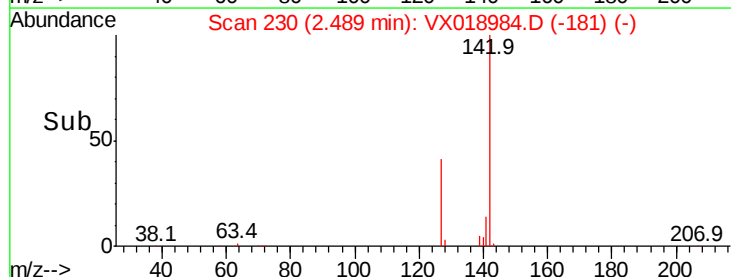
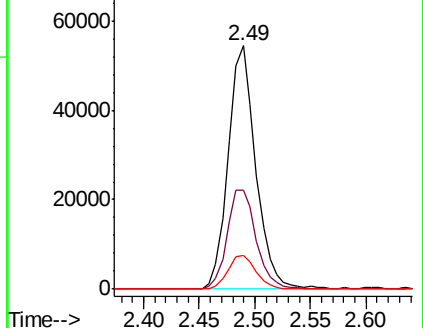
141 14.3 11.3 16.9

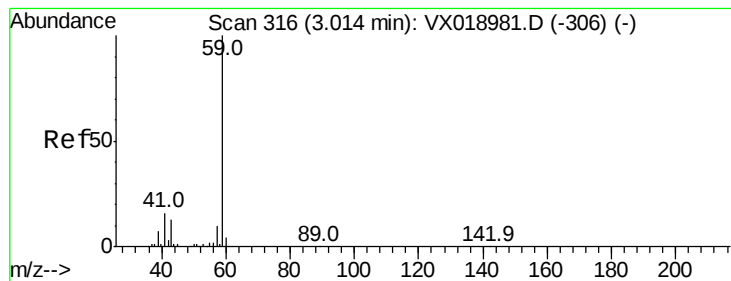


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



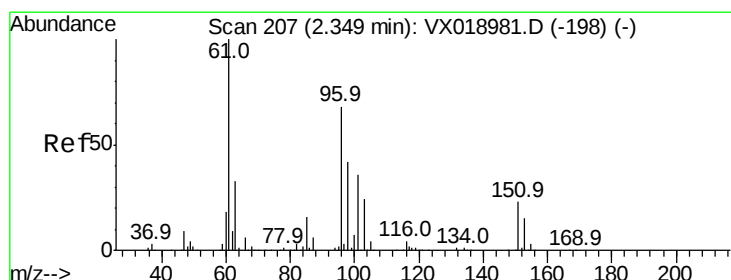
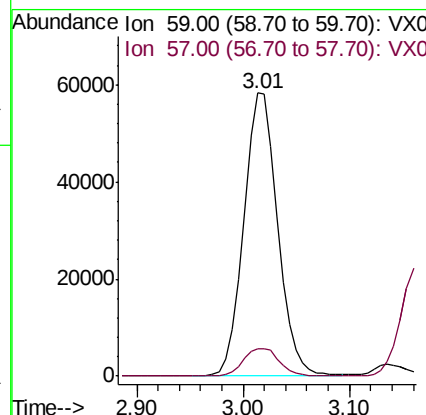
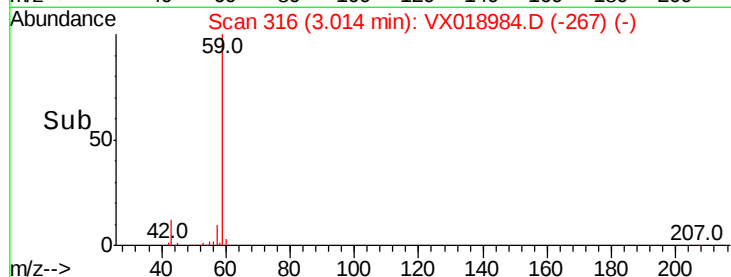
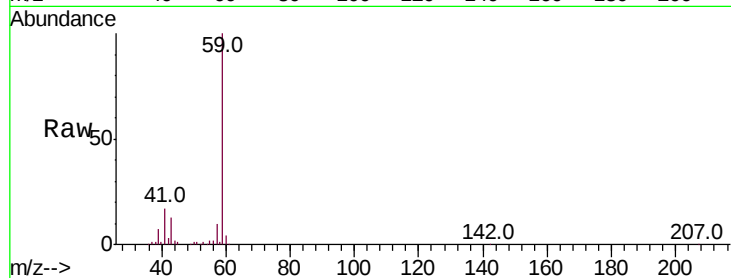


#11

Tert butyl alcohol
 Concen: 248.629 ug/l
 RT: 3.01 min Scan# 316
 Delta R.T. -0.00 min
 Lab File: VX018984.D
 Acq: 20 Oct 2020 19:13

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX102020

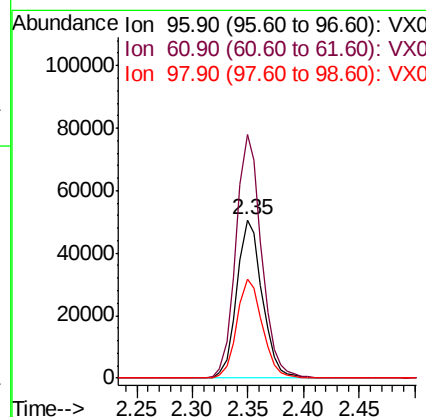
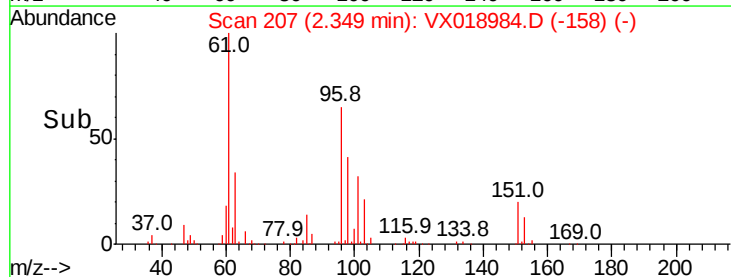
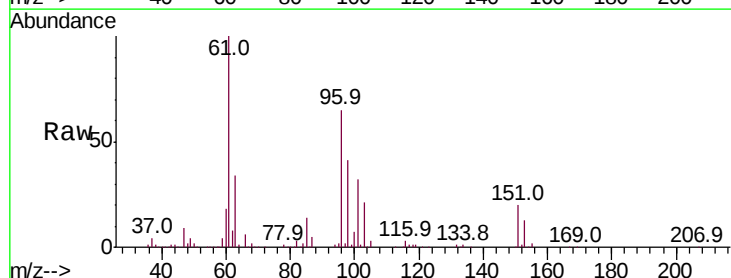
Tot Ion: 59 Resp: 130593
 Ion Ratio Lower Upper
 59 100
 57 10.4 8.3 12.5

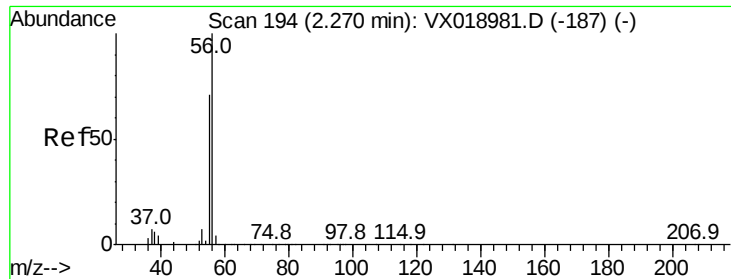


#12

1,1-Dichloroethene
 Concen: 42.099 ug/l
 RT: 2.35 min Scan# 207
 Delta R.T. 0.00 min
 Lab File: VX018984.D
 Acq: 20 Oct 2020 19:13

Tgt Ion: 96 Resp: 79955
 Ion Ratio Lower Upper
 96 100
 61 153.8 117.4 176.0
 98 62.2 48.9 73.3





#13

Acrolein

Concen: 271.316 ug/l

RT: 2.27 min Scan# 194

Delta R.T. -0.00 min

Lab File: VX018984.D

Acq: 20 Oct 2020 19:13

Instrument :

MSVOA_X

ClientSampleId :

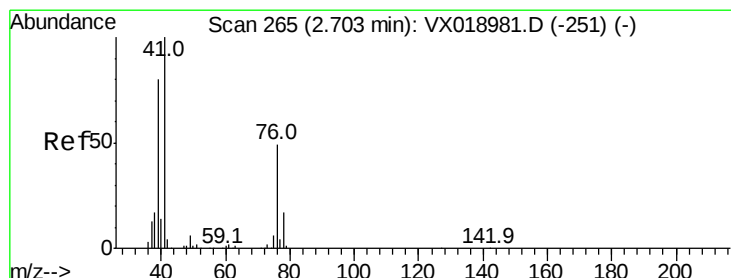
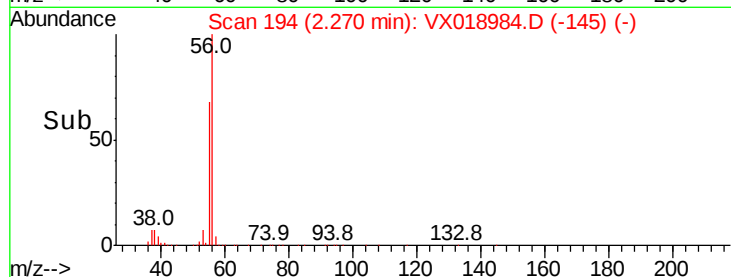
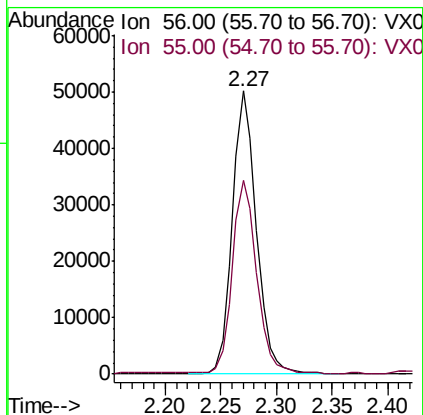
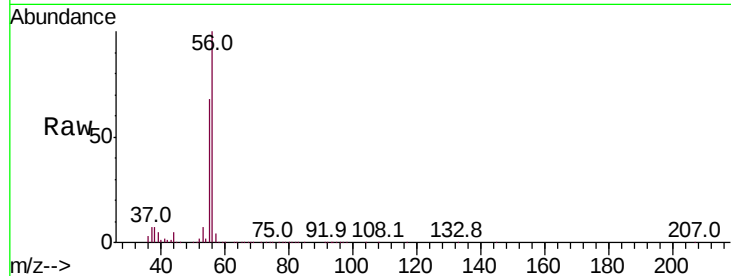
ICVVX102020

Tot Ion: 56 Resp: 74462

Ion Ratio Lower Upper

56 100

55 69.4 55.4 83.2



#14

Allyl chloride

Concen: 49.549 ug/l

RT: 2.70 min Scan# 265

Delta R.T. -0.00 min

Lab File: VX018984.D

Acq: 20 Oct 2020 19:13

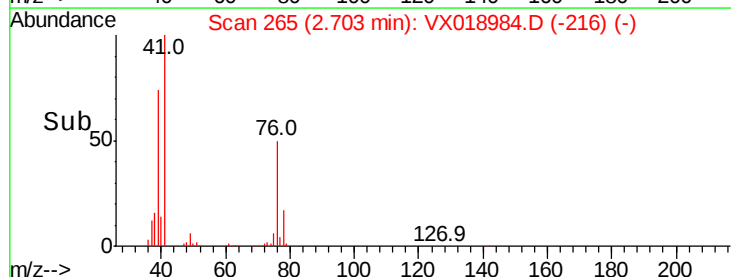
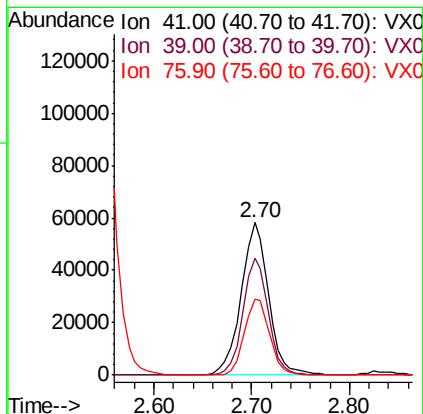
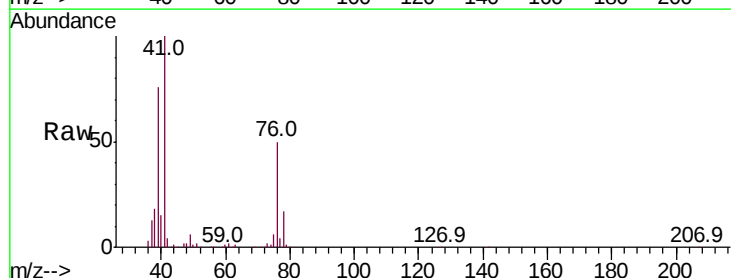
Tgt Ion: 41 Resp: 112972

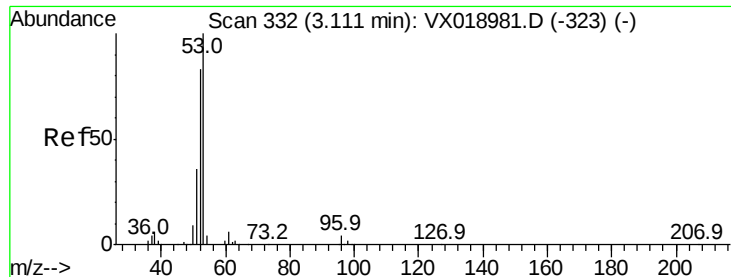
Ion Ratio Lower Upper

41 100

39 71.2 57.8 86.8

76 46.2 36.2 54.4





#15

Acrylonitrile

Concen: 251.001 ug/l

RT: 3.12 min Scan# 333

Delta R.T. 0.01 min

Lab File: VX018984.D

Acq: 20 Oct 2020 19:13

Instrument :

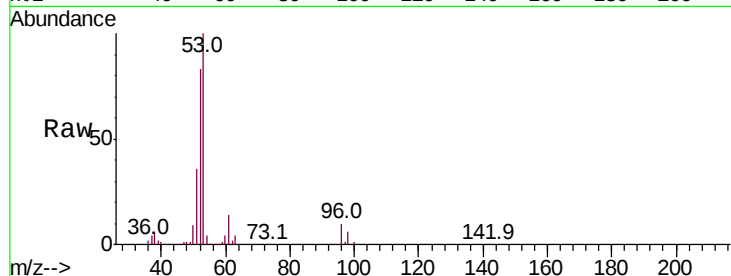
MSVOA_X

ClientSampleId :

ICVVX102020

Tot Ion: 53 Resp: 228842

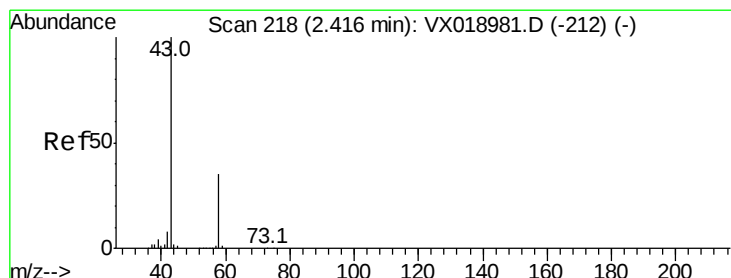
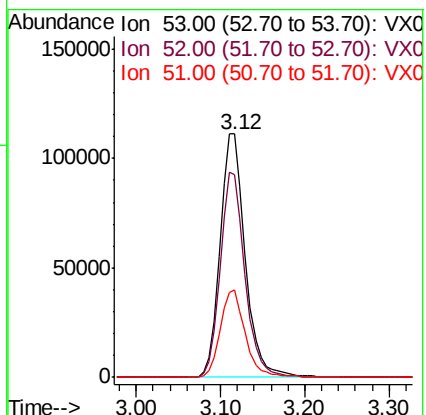
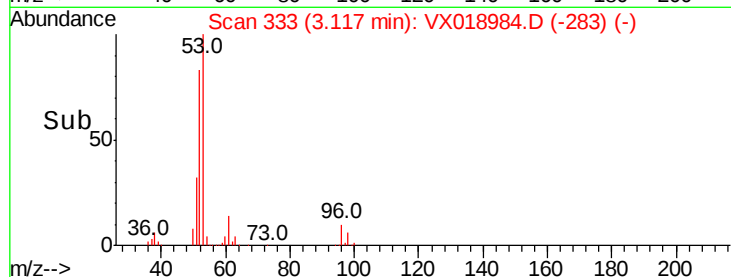
Ion	Ratio	Lower	Upper
53	100		
52	82.6	65.5	98.3
51	35.9	28.8	43.2



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 242.925 ug/l

RT: 2.42 min Scan# 218

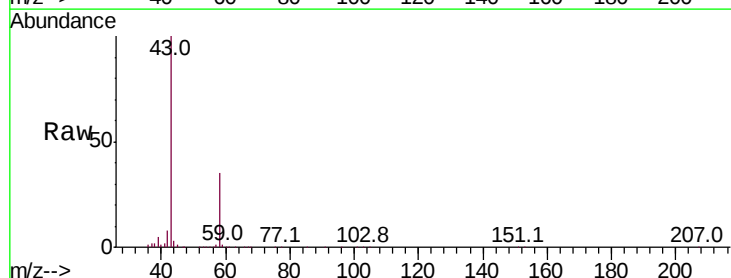
Delta R.T. -0.00 min

Lab File: VX018984.D

Acq: 20 Oct 2020 19:13

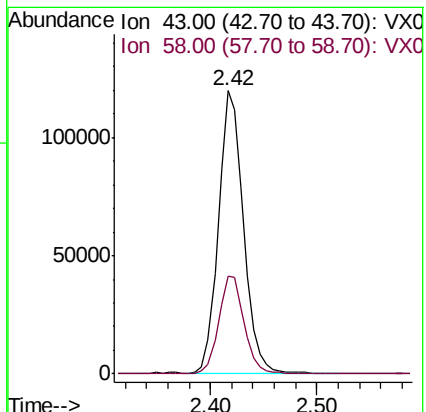
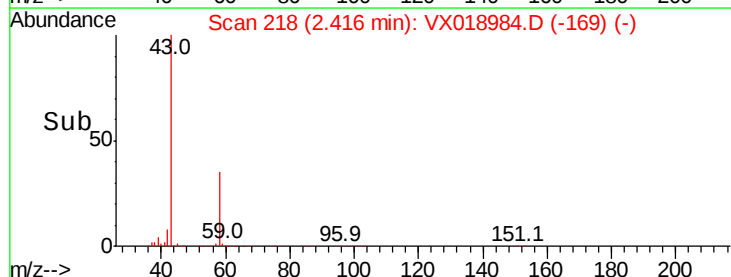
Tgt Ion: 43 Resp: 193721

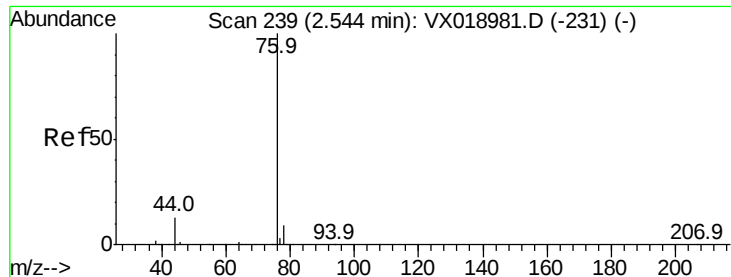
Ion	Ratio	Lower	Upper
43	100		
58	34.8	27.9	41.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

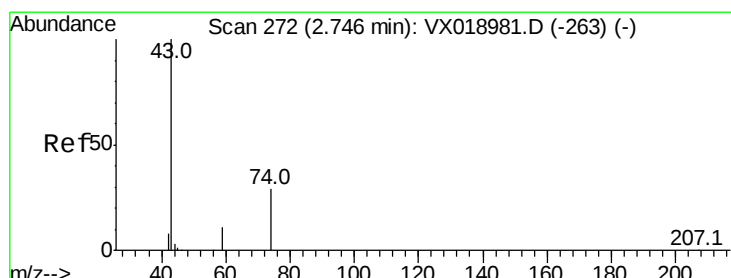
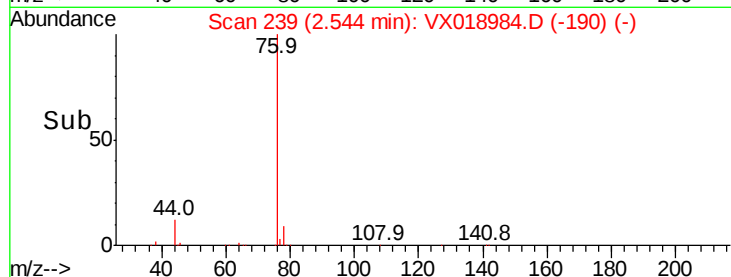
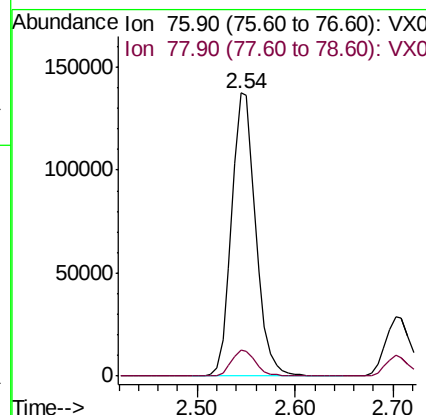
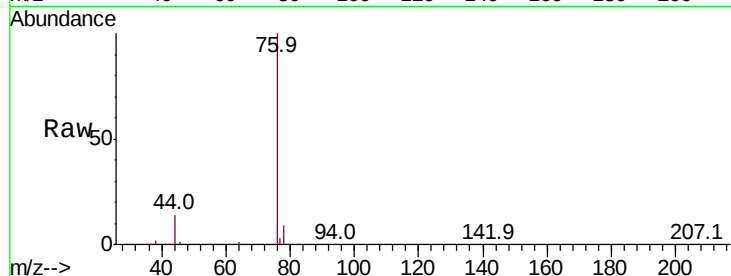




#17
Carbon Disulfide
Concen: 47.755 ug/l
RT: 2.54 min Scan# 239
Delta R.T. -0.00 min
Lab File: VX018984.D
Acq: 20 Oct 2020 19:13

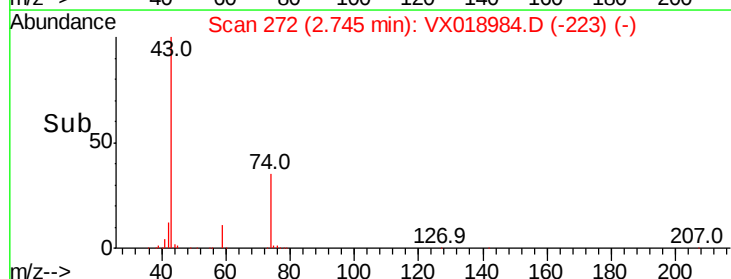
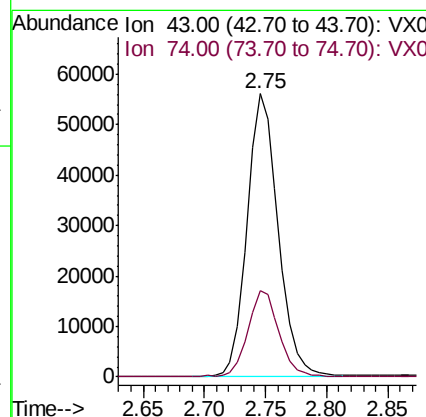
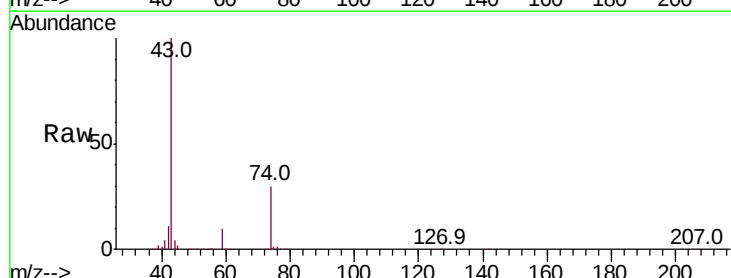
Instrument :
MSVOA_X
ClientSampleId :
ICVVX102020

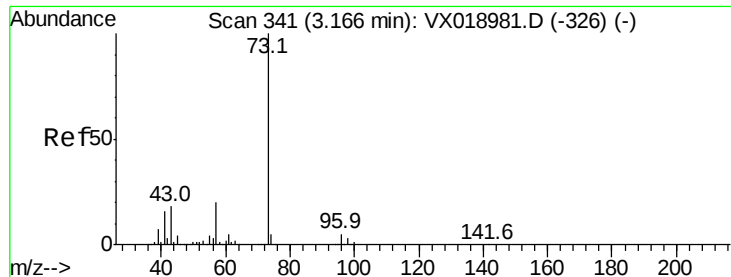
Tot Ion: 76 Resp: 235047
Ion Ratio Lower Upper
76 100
78 9.2 7.6 11.4



#18
Methyl Acetate
Concen: 50.852 ug/l
RT: 2.75 min Scan# 272
Delta R.T. -0.00 min
Lab File: VX018984.D
Acq: 20 Oct 2020 19:13

Tgt Ion: 43 Resp: 98263
Ion Ratio Lower Upper
43 100
74 31.2 24.1 36.1

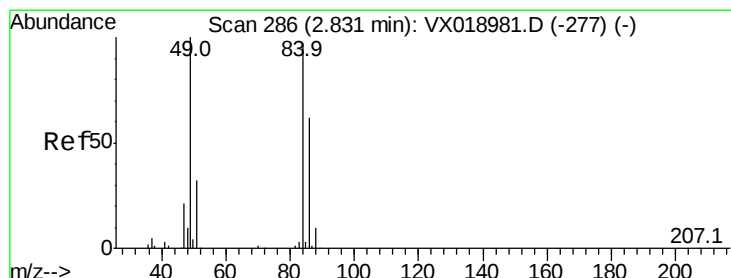
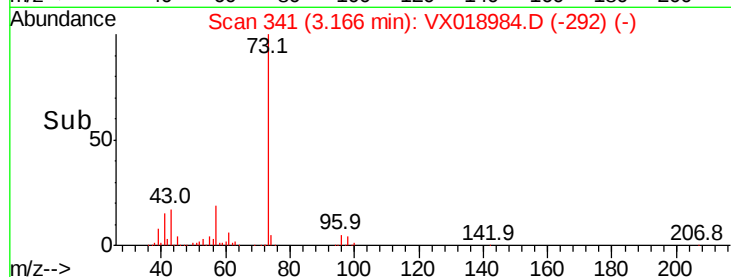
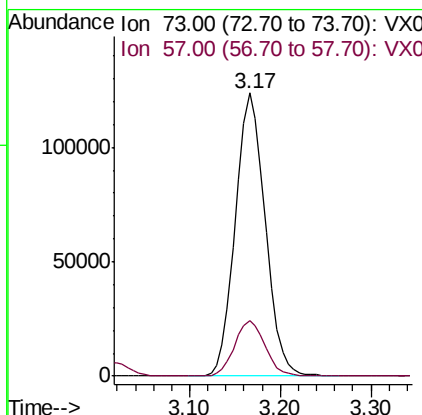
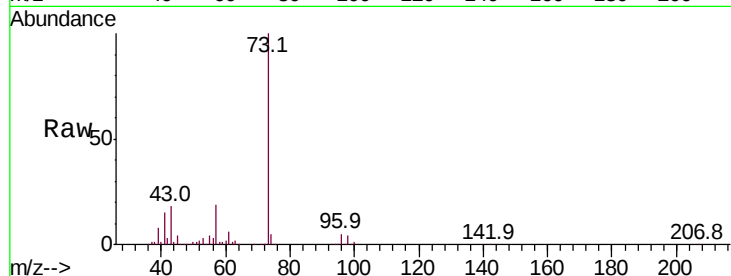




#19
Methvl tert-butvl Ether
Concen: 49.462 ug/l
RT: 3.17 min Scan# 341
Delta R.T. -0.00 min
Lab File: VX018984.D
Acq: 20 Oct 2020 19:13

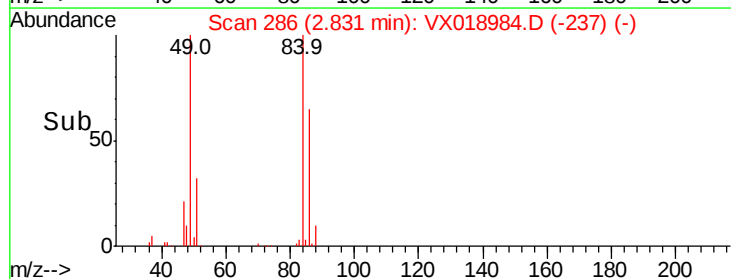
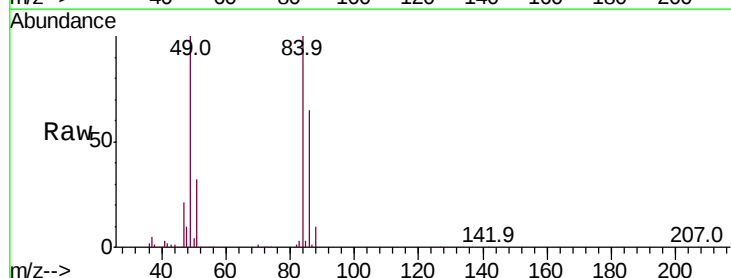
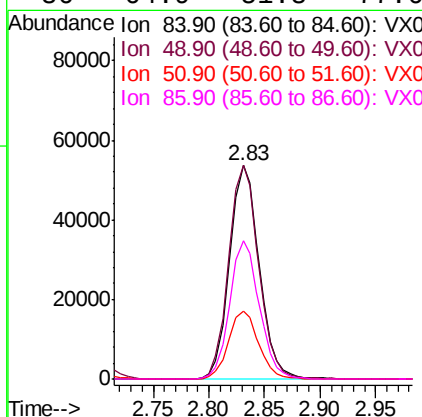
Instrument :
MSVOA_X
ClientSampleId :
ICVVX102020

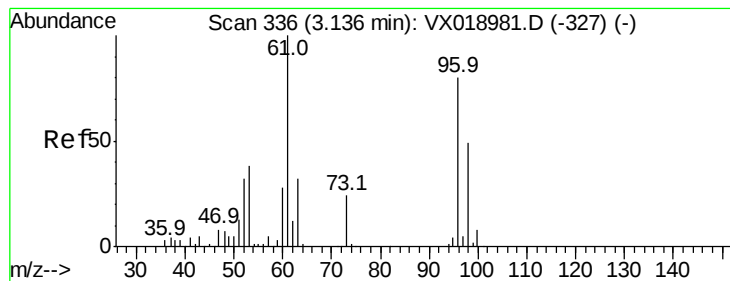
Tot Ion: 73 Resp: 282970
Ion Ratio Lower Upper
73 100
57 19.4 16.2 24.2



#20
Methylene Chloride
Concen: 48.131 ug/l
RT: 2.83 min Scan# 286
Delta R.T. -0.00 min
Lab File: VX018984.D
Acq: 20 Oct 2020 19:13

Tgt Ion: 84 Resp: 99181
Ion Ratio Lower Upper
84 100
49 99.9 82.9 124.3
51 32.1 26.4 39.6
86 64.9 51.8 77.6





#21

trans-1,2-Dichloroethene

Concen: 48.626 ug/l

RT: 3.14 min Scan# 337

Delta R.T. 0.01 min

Lab File: VX018984.D

Acq: 20 Oct 2020 19:13

Instrument :

MSVOA_X

ClientSampleId :

ICVVX102020

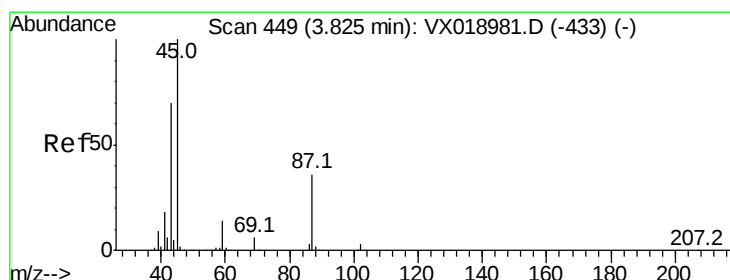
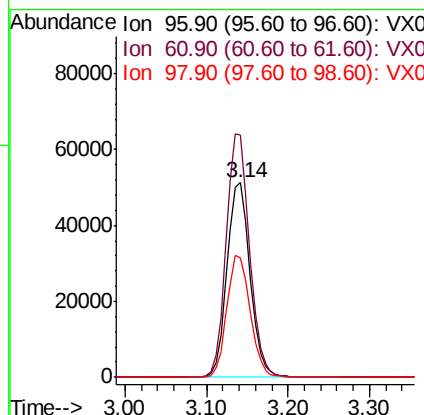
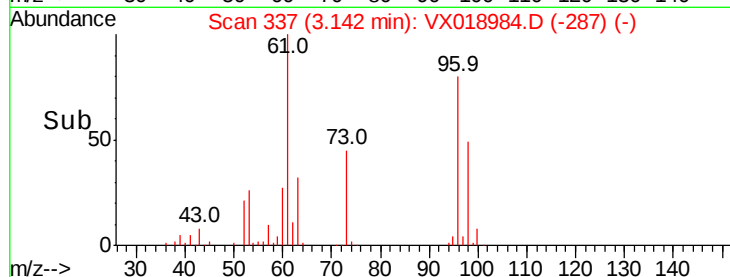
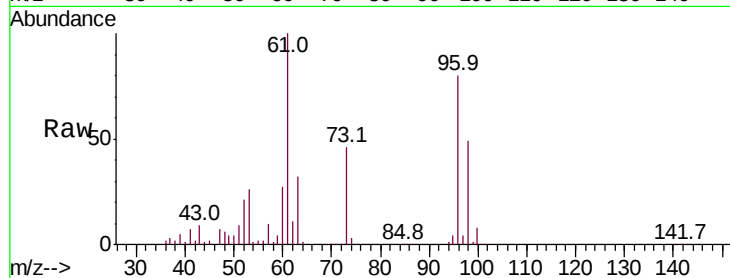
Tot Ion: 96 Resp: 100093

Ion Ratio Lower Upper

96 100

61 124.8 99.8 149.8

98 61.6 49.1 73.7



#22

Diisopropyl ether

Concen: 48.998 ug/l

RT: 3.82 min Scan# 449

Delta R.T. -0.00 min

Lab File: VX018984.D

Acq: 20 Oct 2020 19:13

Tgt Ion: 45 Resp: 229688

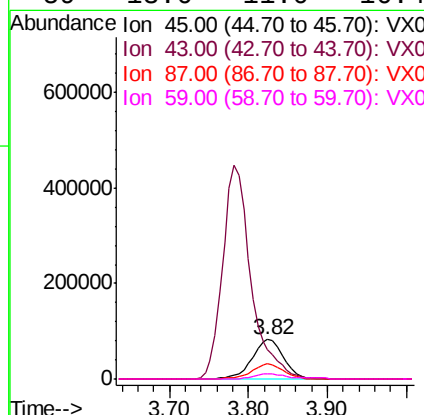
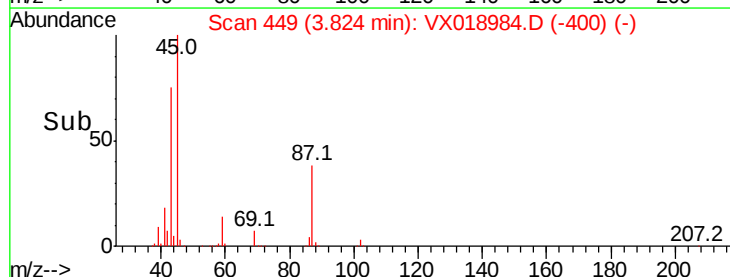
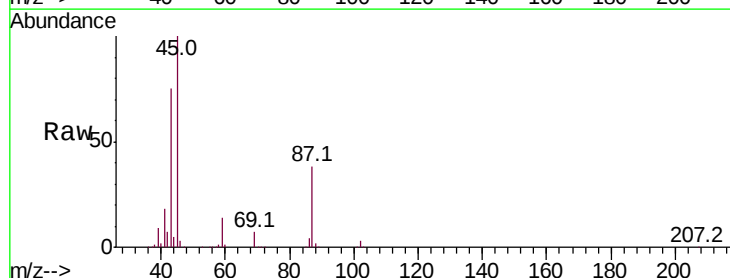
Ion Ratio Lower Upper

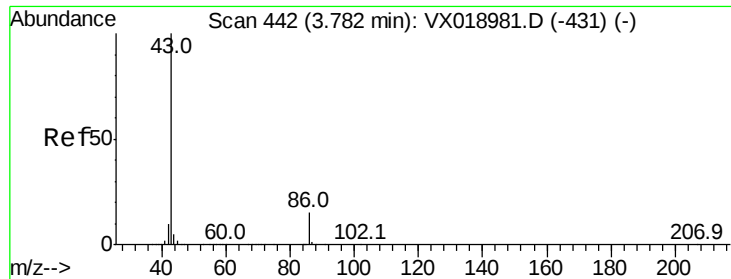
45 100

43 75.0 56.1 84.1

87 37.7 29.2 43.8

59 13.6 11.0 16.4





#23

Vinyl Acetate

Concen: 256.034 ug/l

RT: 3.78 min Scan# 442

Delta R.T. -0.00 min

Lab File: VX018984.D

Acq: 20 Oct 2020 19:13

Instrument :

MSVOA_X

ClientSampleId :

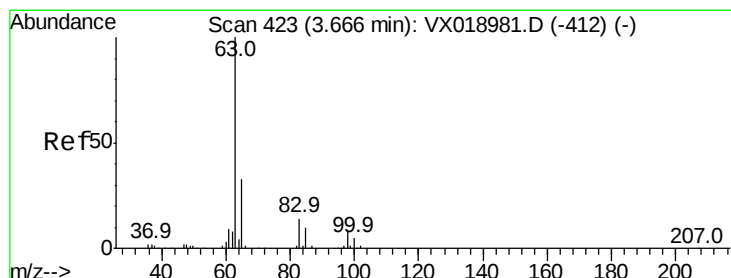
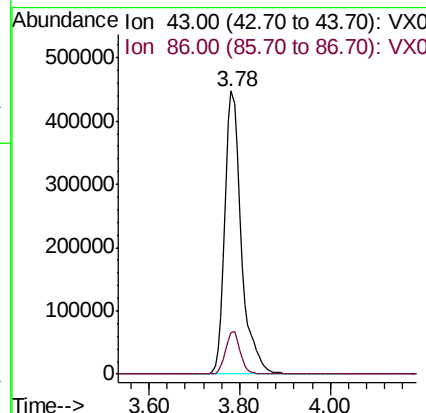
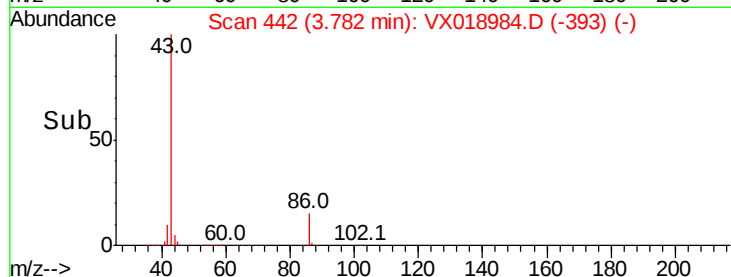
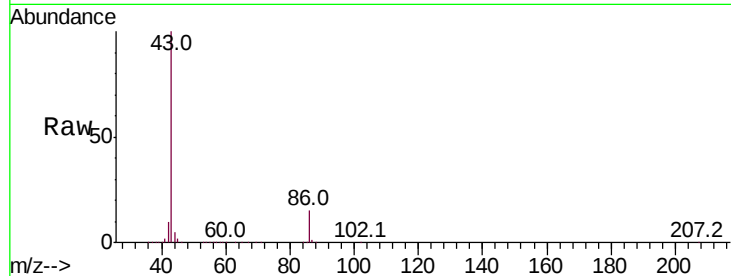
ICVVX102020

Tot Ion: 43 Resp: 1131967

Ion Ratio Lower Upper

43 100

86 14.5 11.8 17.6



#24

1,1-Dichloroethane

Concen: 49.975 ug/l

RT: 3.67 min Scan# 423

Delta R.T. -0.00 min

Lab File: VX018984.D

Acq: 20 Oct 2020 19:13

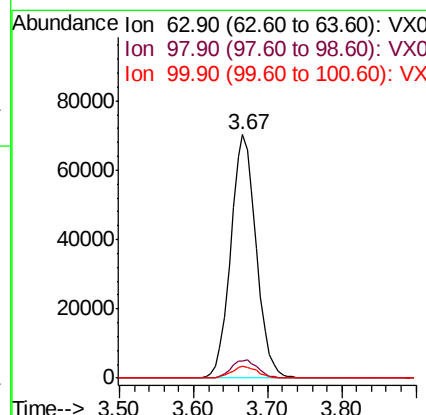
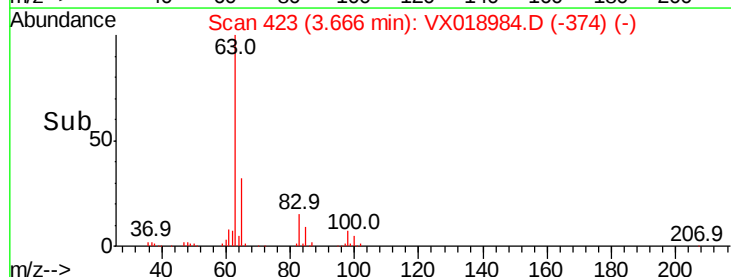
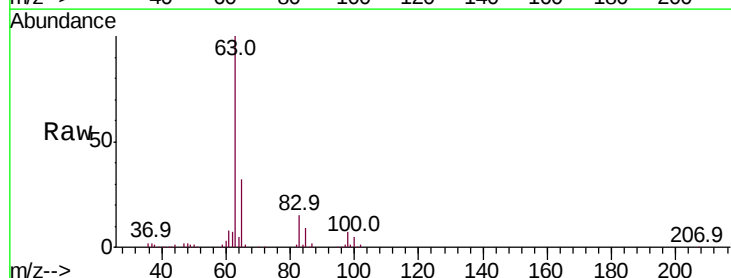
Tgt Ion: 63 Resp: 167263

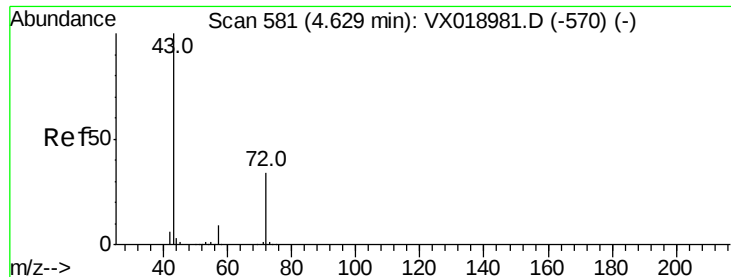
Ion Ratio Lower Upper

63 100

98 7.3 3.9 11.5

100 5.2 2.4 7.1





#25

2-Butanone

Concen: 254.810 ug/l

RT: 4.64 min Scan# 582

Delta R.T. 0.01 min

Lab File: VX018984.D

Acq: 20 Oct 2020 19:13

Instrument :

MSVOA_X

ClientSampleId :

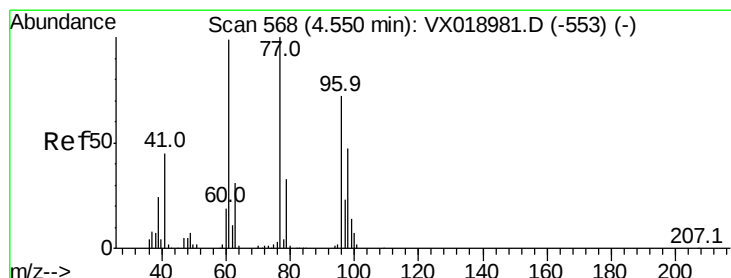
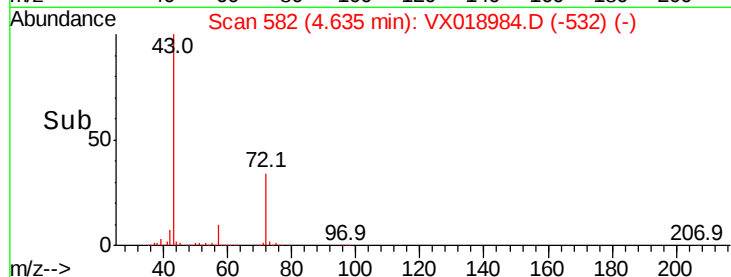
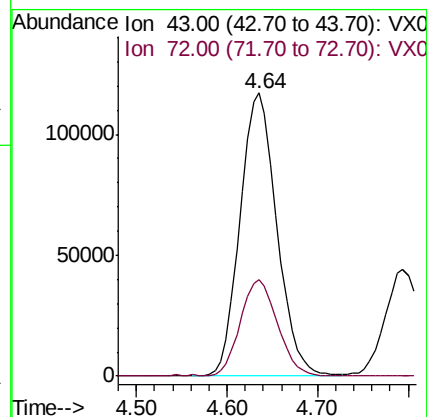
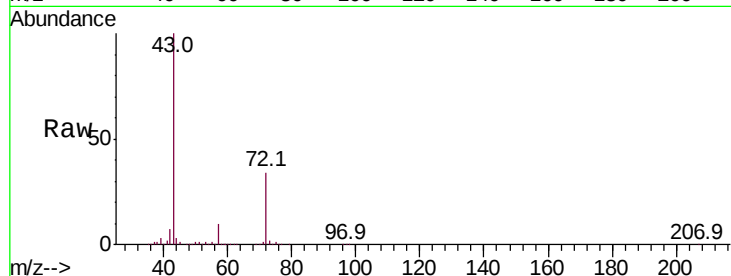
ICVVX102020

Tot Ion: 43 Resp: 328246

Ion Ratio Lower Upper

43 100

72 34.1 27.3 40.9



#26

2,2-Dichloropropane

Concen: 47.734 ug/l

RT: 4.55 min Scan# 568

Delta R.T. -0.00 min

Lab File: VX018984.D

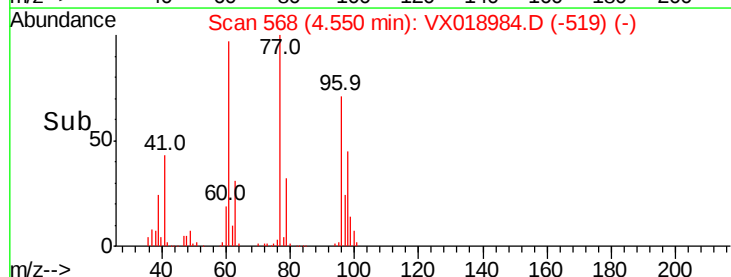
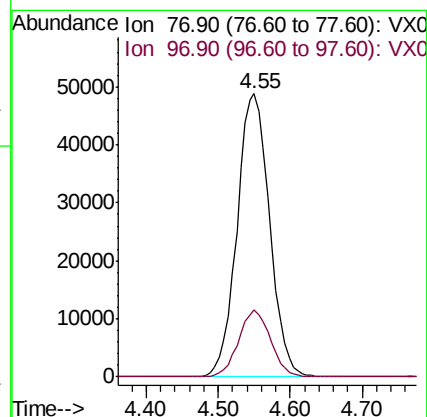
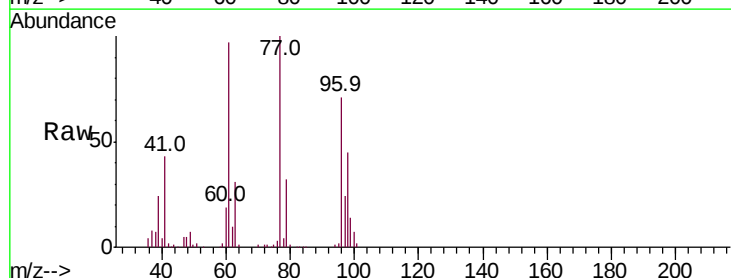
Acq: 20 Oct 2020 19:13

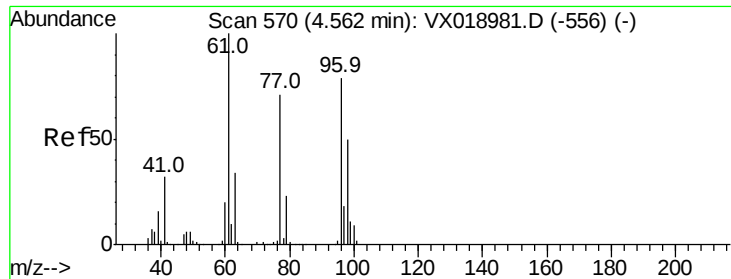
Tgt Ion: 77 Resp: 153233

Ion Ratio Lower Upper

77 100

97 23.2 11.5 34.4



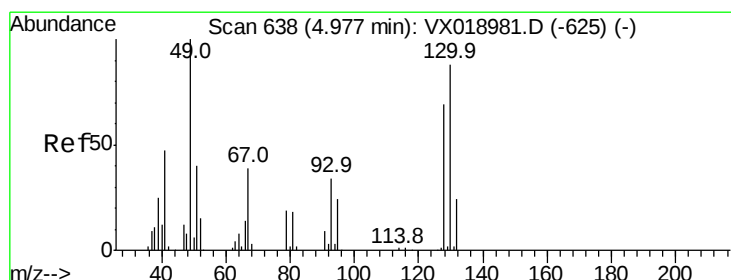
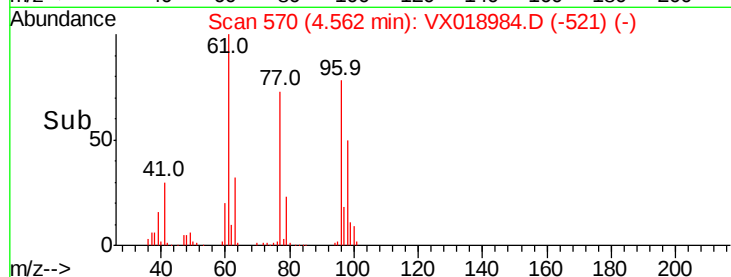
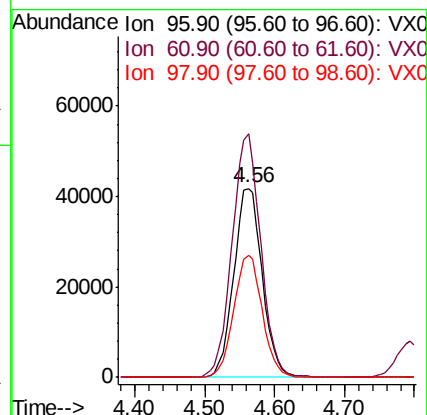
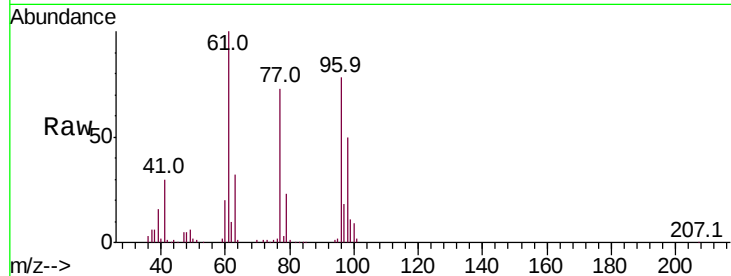


#27

cis-1,2-Dichloroethene
 Concen: 49.212 ug/l
 RT: 4.56 min Scan# 570
 Delta R.T. -0.00 min
 Lab File: VX018984.D
 Acq: 20 Oct 2020 19:13

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX102020

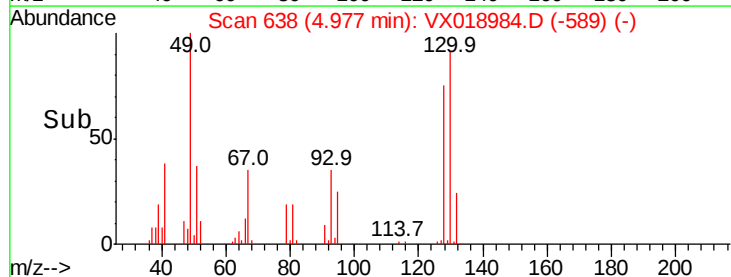
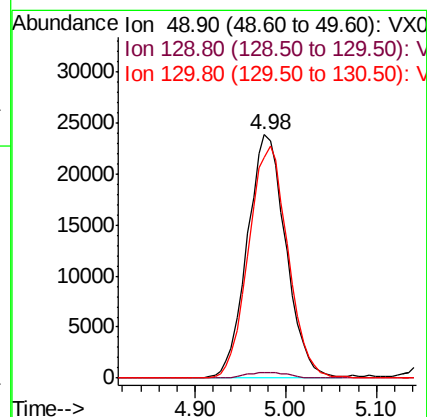
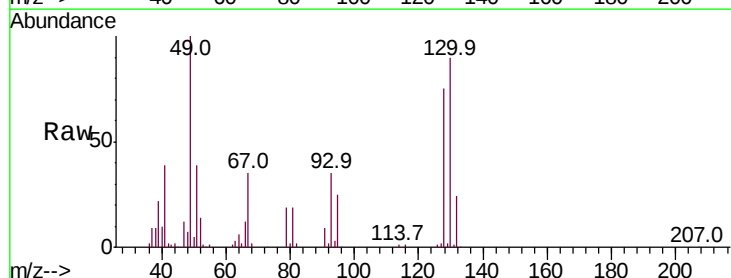
Tot Ion	Ratio	Lower	Upper
96	100		
61	130.0	0.0	266.2
98	64.4	0.0	128.6

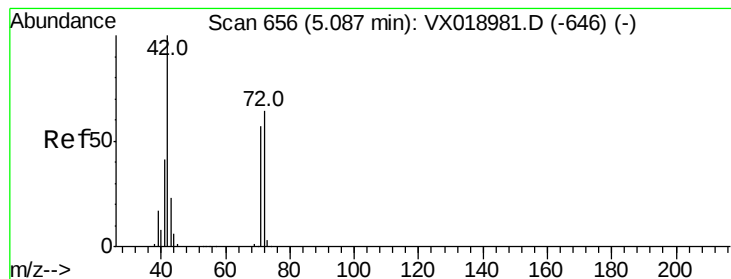


#28

Bromochloromethane
 Concen: 48.881 ug/l
 RT: 4.98 min Scan# 638
 Delta R.T. -0.00 min
 Lab File: VX018984.D
 Acq: 20 Oct 2020 19:13

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.5	0.0	4.8
130	96.8	74.0	111.0





#29

Tetrahydrofuran

Concen: 246.579 ug/l

RT: 5.09 min Scan# 656

Delta R.T. -0.00 min

Lab File: VX018984.D

Acq: 20 Oct 2020 19:13

Instrument :

MSVOA_X

ClientSampleId :

ICVVX102020

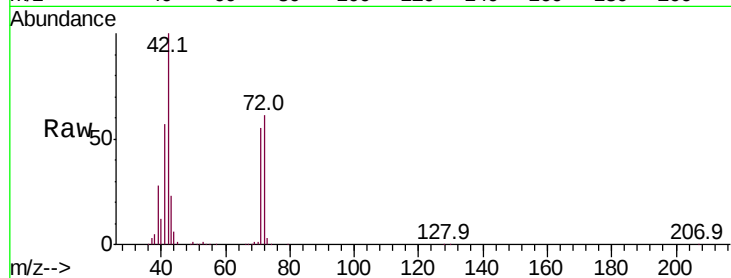
Tot Ion: 42 Resp: 187239

Ion Ratio Lower Upper

42 100

72 62.3 49.2 73.8

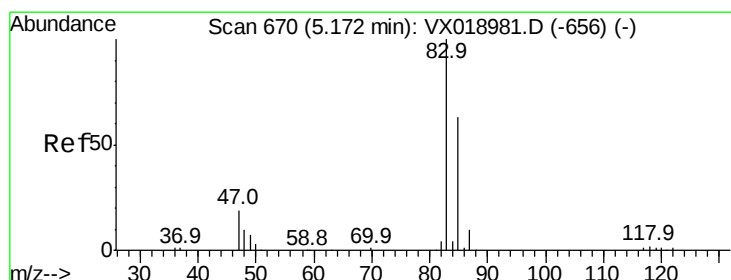
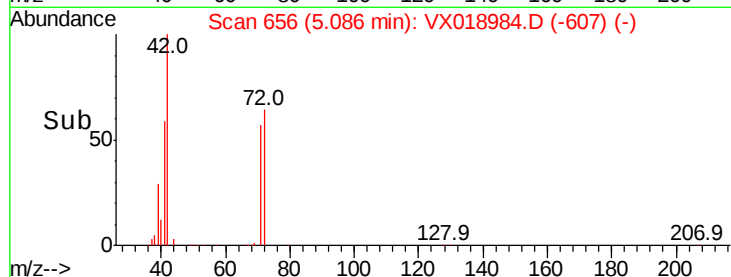
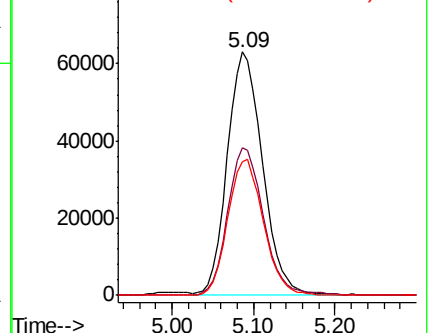
71 57.0 45.3 67.9



Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0



#30

Chloroform

Concen: 49.810 ug/l

RT: 5.18 min Scan# 671

Delta R.T. 0.01 min

Lab File: VX018984.D

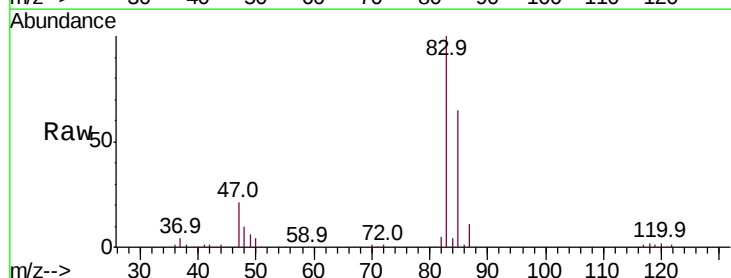
Acq: 20 Oct 2020 19:13

Tgt Ion: 83 Resp: 185893

Ion Ratio Lower Upper

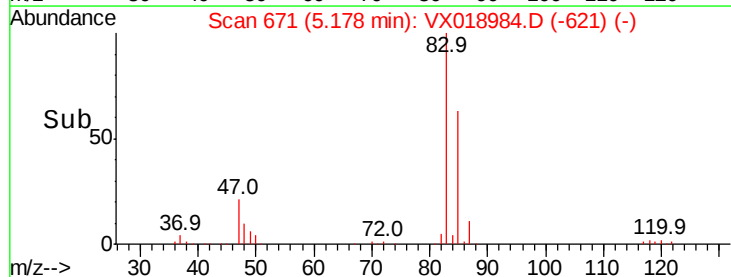
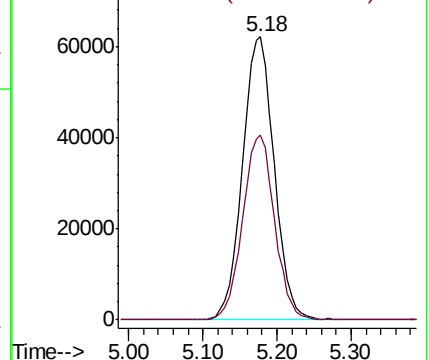
83 100

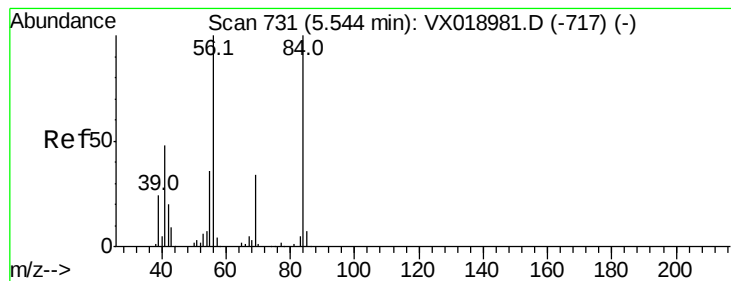
85 65.4 50.1 75.1



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0





#31

Cyclohexane

Concen: 48.163 ug/l

RT: 5.55 min Scan# 732

Delta R.T. 0.01 min

Lab File: VX018984.D

Acq: 20 Oct 2020 19:13

Instrument :

MSVOA_X

ClientSampleId :

ICVVX102020

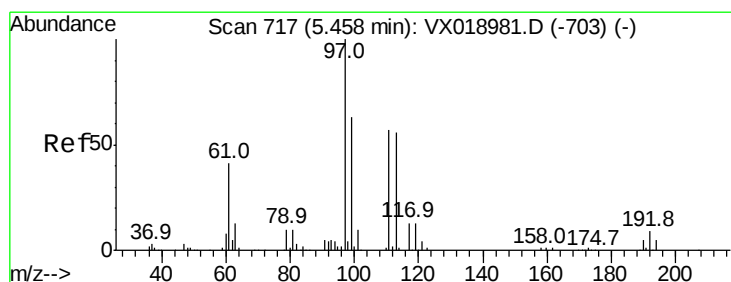
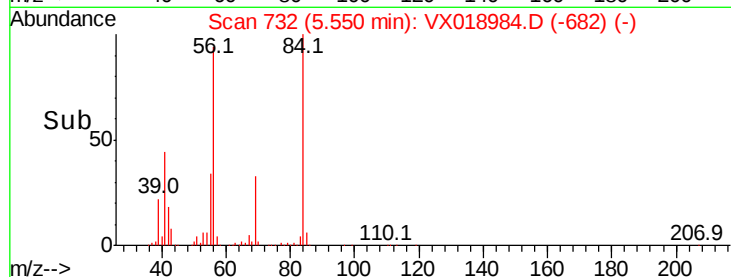
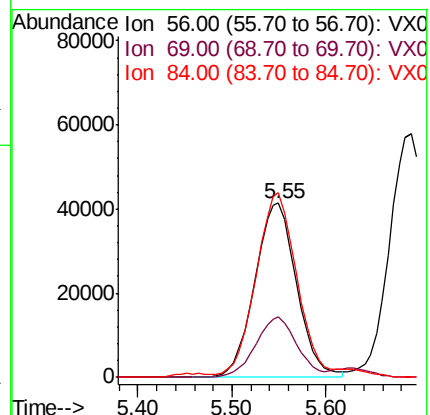
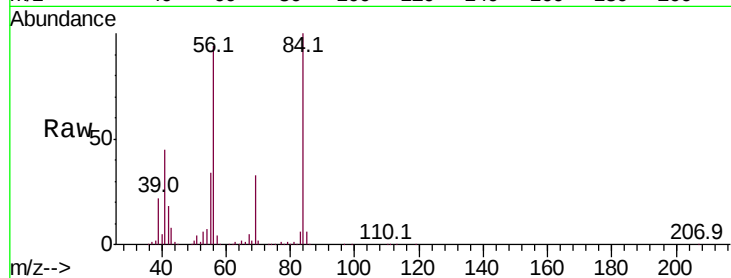
Tot Ion: 56 Resp: 128948

Ion Ratio Lower Upper

56 100

69 34.6 27.1 40.7

84 104.0 80.4 120.6



#32

1,1,1-Trichloroethane

Concen: 50.015 ug/l

RT: 5.46 min Scan# 717

Delta R.T. -0.00 min

Lab File: VX018984.D

Acq: 20 Oct 2020 19:13

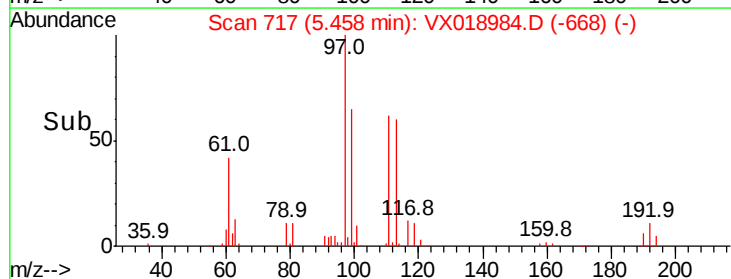
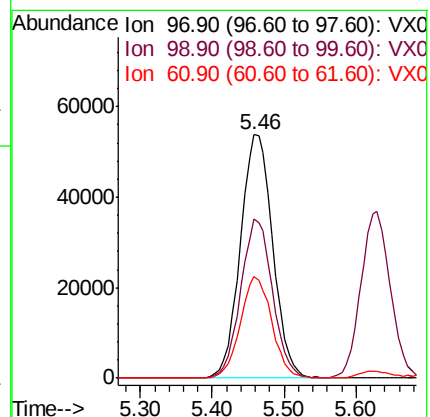
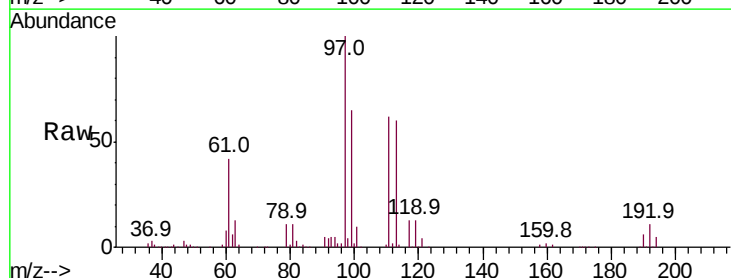
Tgt Ion: 97 Resp: 167789

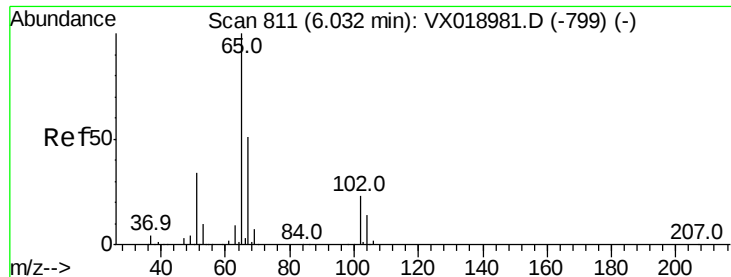
Ion Ratio Lower Upper

97 100

99 64.1 51.1 76.7

61 40.8 32.5 48.7





#33

1,2-Dichloroethane-d4

Concen: 49.890 ug/l

RT: 6.03 min Scan# 811

Delta R.T. -0.00 min

Lab File: VX018984.D

Acq: 20 Oct 2020 19:13

Instrument :

MSVOA_X

ClientSampleId :

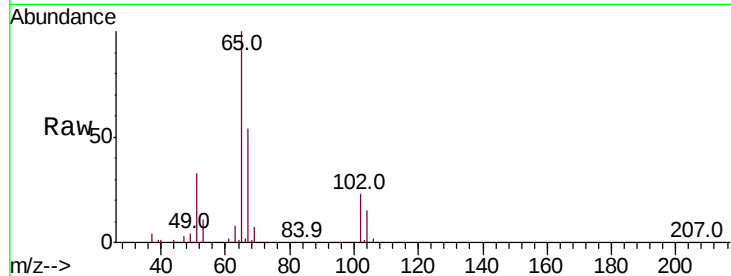
ICVVX102020

Tot Ion: 65 Resp: 114259

Ion Ratio Lower Upper

65 100

67 52.5 0.0 105.4



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.03

50000

40000

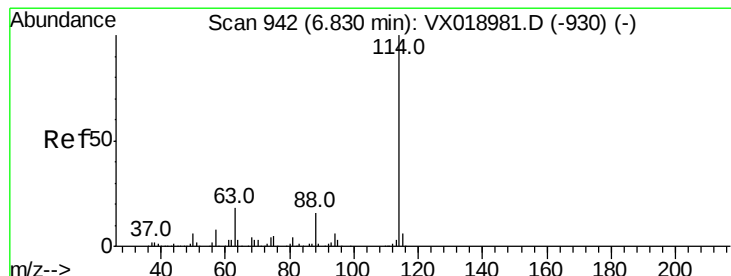
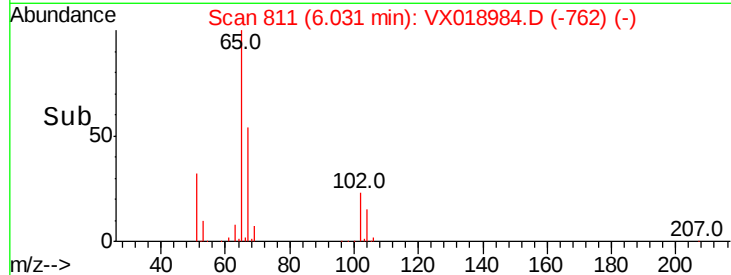
30000

20000

10000

0

Time--> 5.90 6.00 6.10



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. -0.00 min

Lab File: VX018984.D

Acq: 20 Oct 2020 19:13

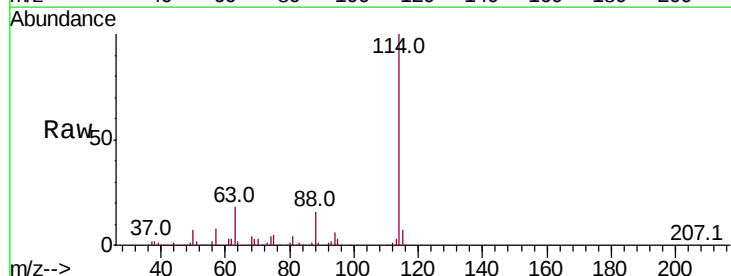
Tgt Ion: 114 Resp: 314826

Ion Ratio Lower Upper

114 100

63 18.5 0.0 36.8

88 16.3 0.0 31.8



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

6.83

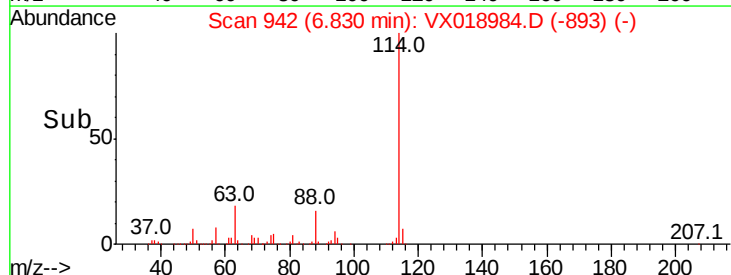
150000

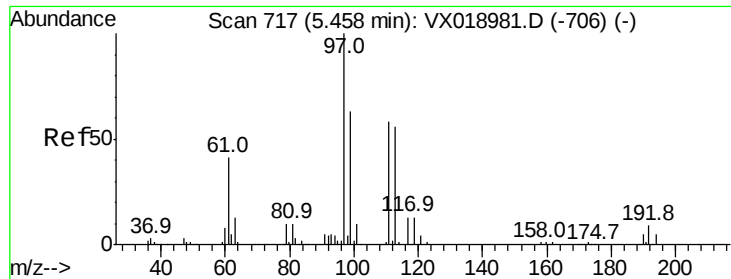
100000

50000

0

Time--> 6.70 6.80 6.90 7.00

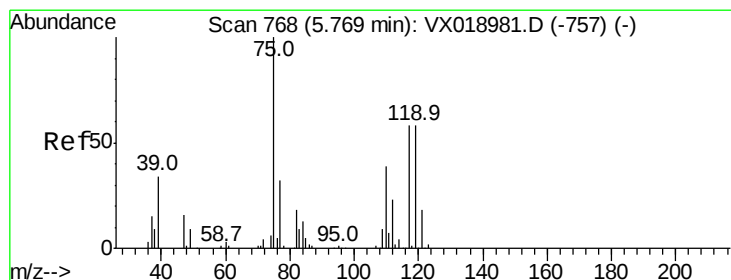
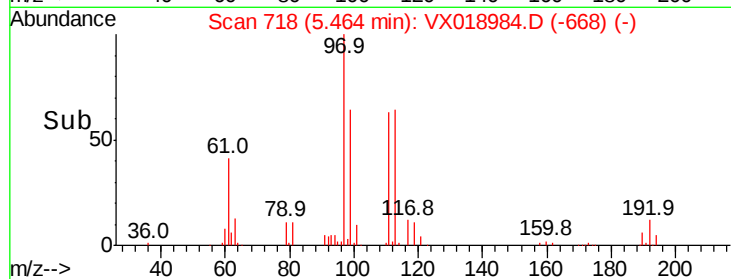
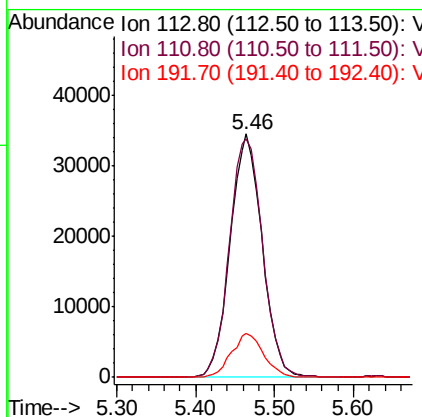
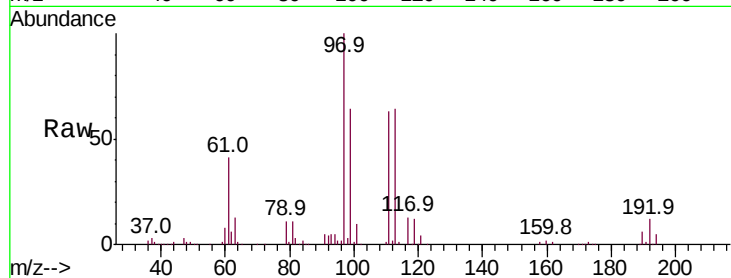




#35
 Dibromofluoromethane
 Concen: 48.819 ug/l
 RT: 5.46 min Scan# 718
 Delta R.T. 0.01 min
 Lab File: VX018984.D
 Acq: 20 Oct 2020 19:13

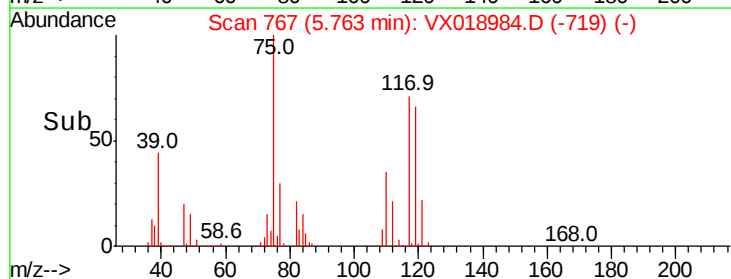
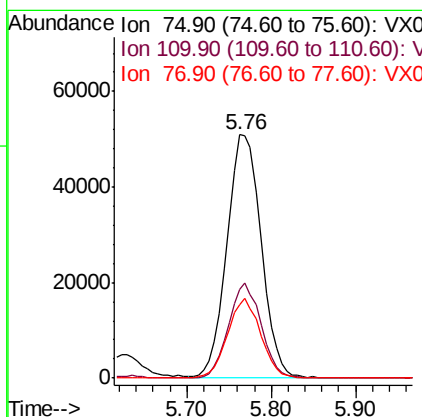
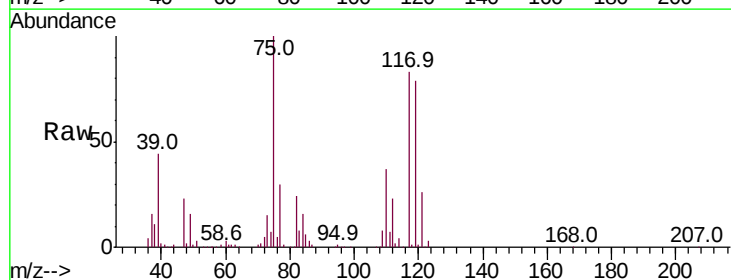
Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX102020

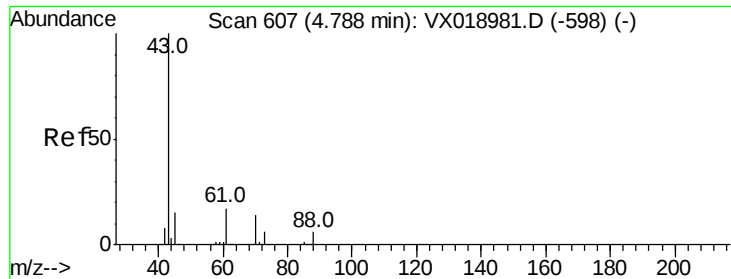
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.2	84.1	126.1
192	18.2	14.7	22.1



#36
 1,1-Dichloropropene
 Concen: 48.015 ug/l
 RT: 5.76 min Scan# 767
 Delta R.T. -0.01 min
 Lab File: VX018984.D
 Acq: 20 Oct 2020 19:13

Tgt Ion	Ratio	Lower	Upper
75	100		
110	36.9	18.6	55.6
77	31.3	25.0	37.4





#37

Ethyl Acetate

Concen: 50.295 ug/l

RT: 4.79 min Scan# 608

Delta R.T. 0.01 min

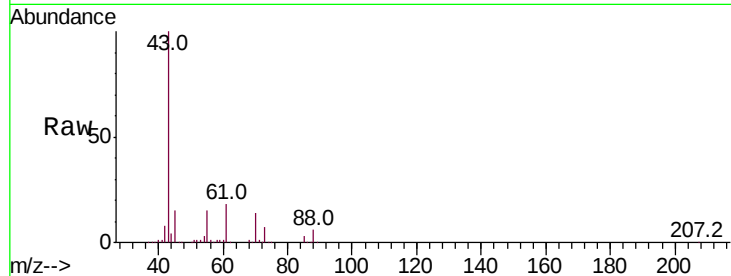
Lab File: VX018984.D

Acq: 20 Oct 2020 19:13

Instrument :
MSVOA_X
ClientSampleId :
ICVVX102020

Tot Ion: 43 Resp: 127929

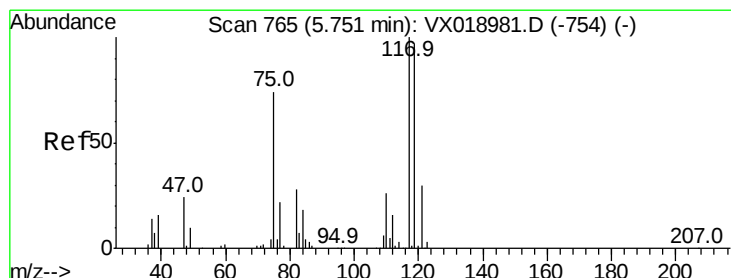
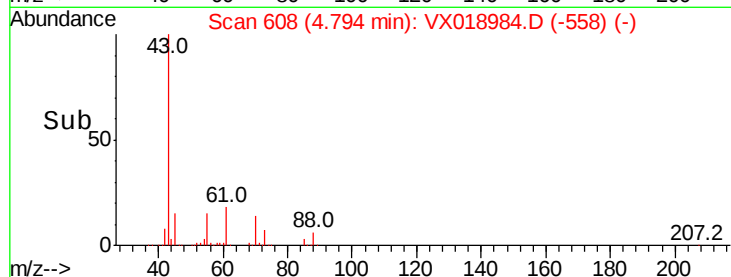
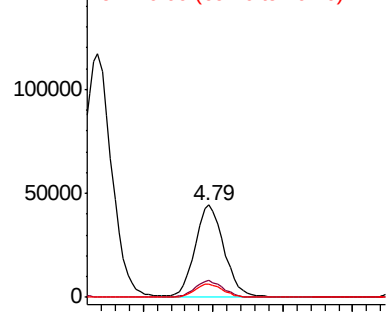
Ion	Ratio	Lower	Upper
43	100		
61	17.6	13.5	20.3
70	14.1	11.4	17.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 70.00 (69.70 to 70.70): VX0



#38

Carbon Tetrachloride

Concen: 48.384 ug/l

RT: 5.75 min Scan# 765

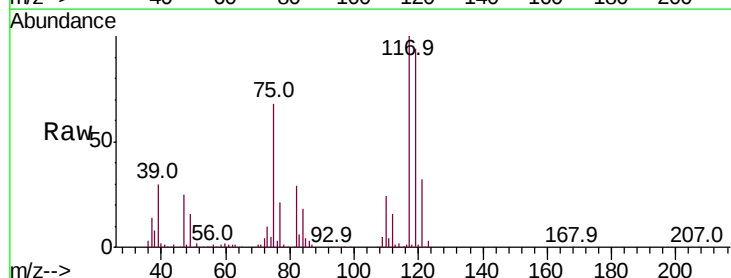
Delta R.T. -0.00 min

Lab File: VX018984.D

Acq: 20 Oct 2020 19:13

Tgt Ion: 117 Resp: 143259

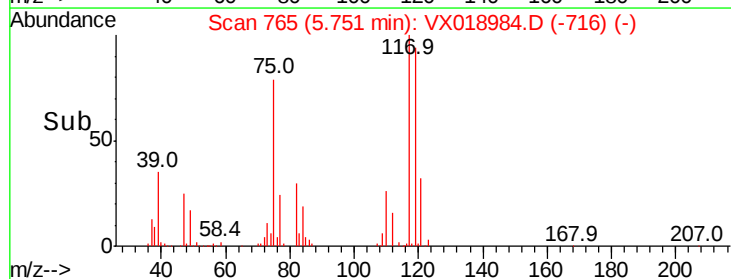
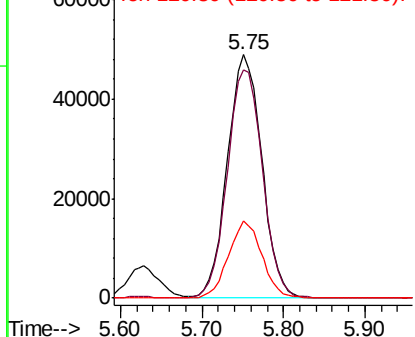
Ion	Ratio	Lower	Upper
117	100		
119	93.5	77.6	116.4
121	31.5	23.9	35.9

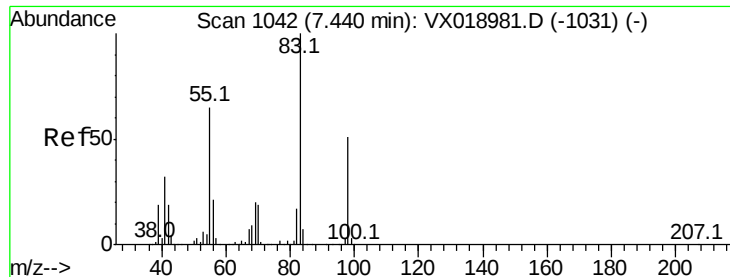


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V

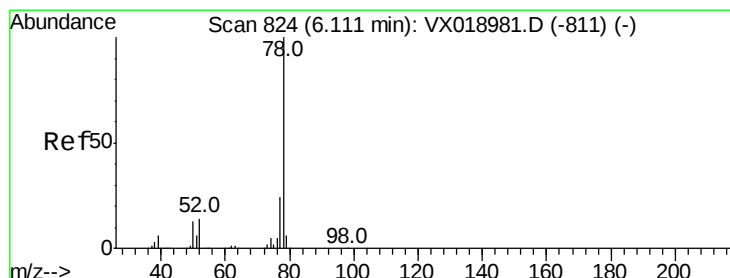
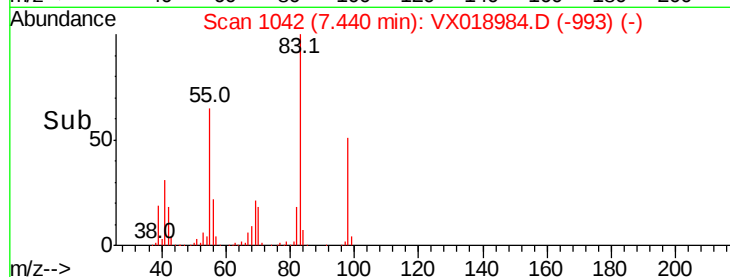
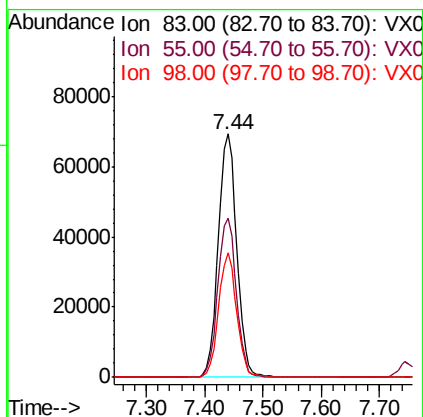
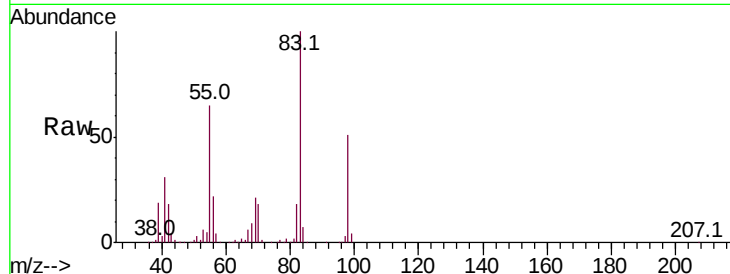




#39
Methvlcvclohexane
Concen: 48.007 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. -0.00 min
Lab File: VX018984.D
Acq: 20 Oct 2020 19:13

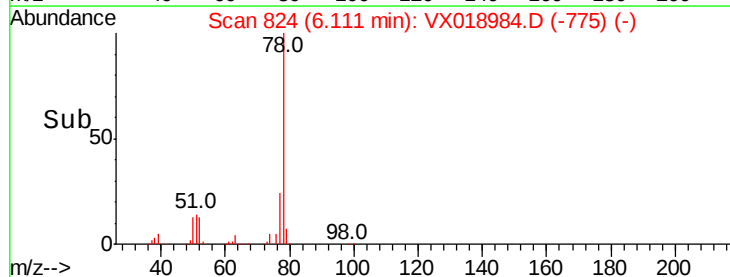
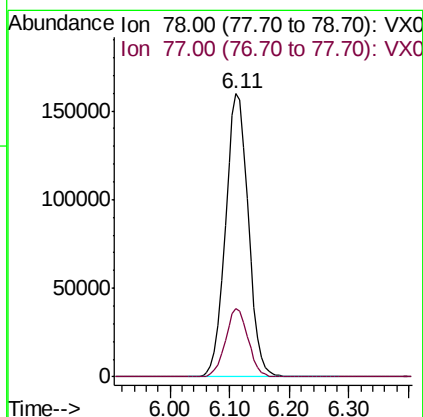
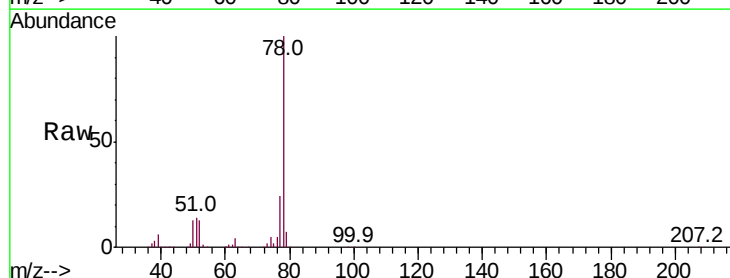
Instrument :
MSVOA_X
ClientSampleId :
ICVVX102020

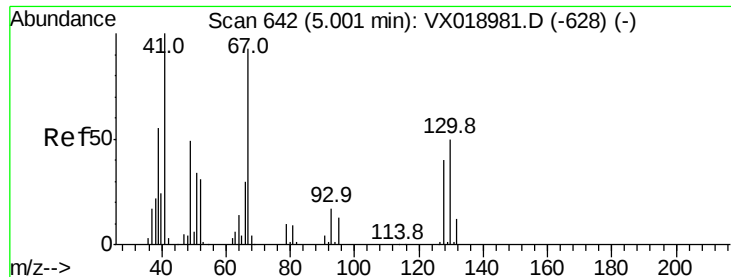
Tot Ion	83	Resp	152606
Ion Ratio	Lower	Upper	
83	100		
55	65.2	52.2	78.4
98	51.3	40.8	61.2



#40
Benzene
Concen: 49.588 ug/l
RT: 6.11 min Scan# 824
Delta R.T. -0.00 min
Lab File: VX018984.D
Acq: 20 Oct 2020 19:13

Tgt Ion	78	Resp	424390
Ion Ratio	Lower	Upper	
78	100		
77	24.2	19.5	29.3

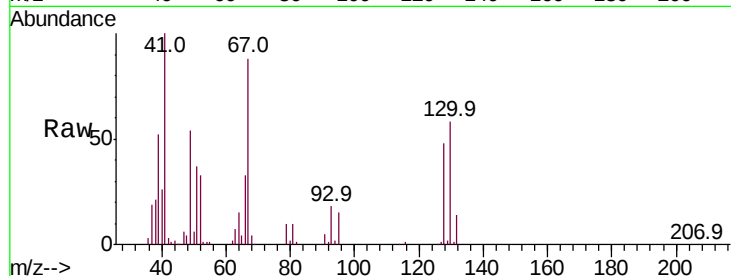




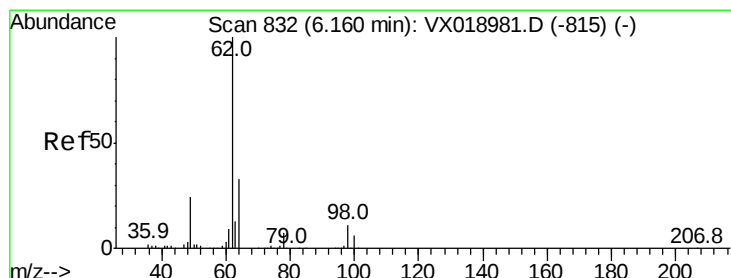
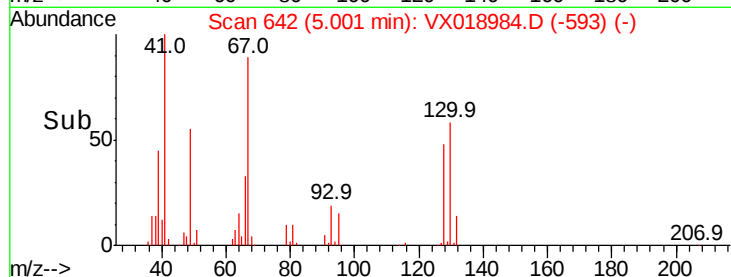
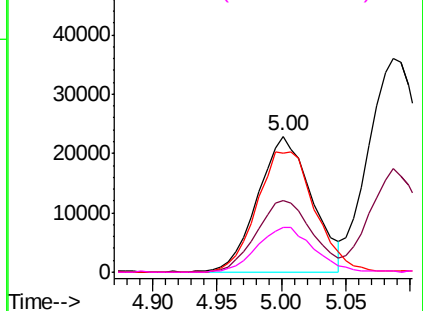
#41
Methacrylonitrile
Concen: 48.814 ug/l
RT: 5.00 min Scan# 642
Delta R.T. -0.00 min
Lab File: VX018984.D
Acq: 20 Oct 2020 19:13

Instrument :
MSVOA_X
ClientSampleId :
ICVVX102020

Tot Ion:	41	Resp:	66376
Ion	Ratio	Lower	Upper
41	100		
39	55.3	44.3	66.5
67	96.9	74.7	112.1
52	35.5	27.4	41.2

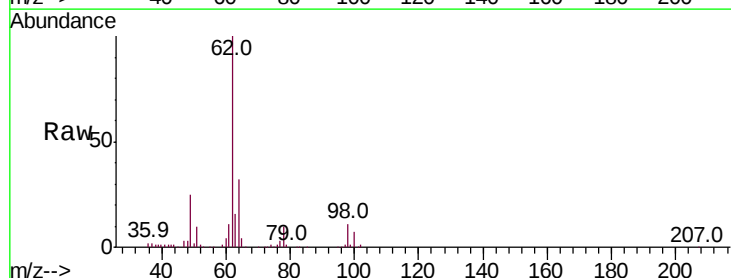


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

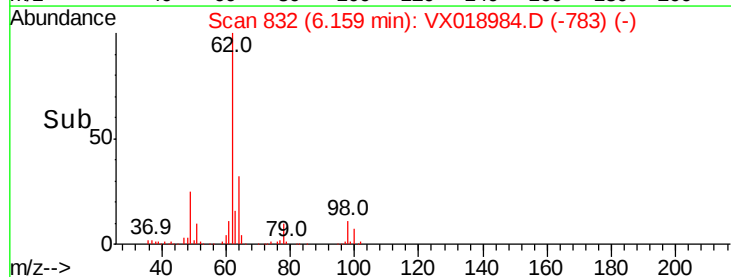
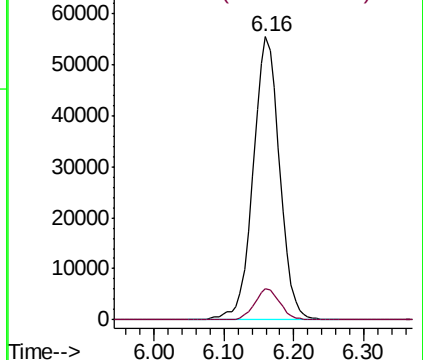


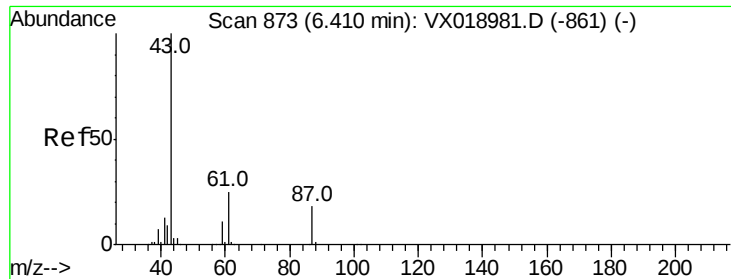
#42
1,2-Dichloroethane
Concen: 49.568 ug/l
RT: 6.16 min Scan# 832
Delta R.T. -0.00 min
Lab File: VX018984.D
Acq: 20 Oct 2020 19:13

Tgt Ion:	62	Resp:	145504
Ion	Ratio	Lower	Upper
62	100		
98	10.5	0.0	20.4



Abundance Ion 61.90 (61.60 to 62.60): VX0
Ion 97.90 (97.60 to 98.60): VX0

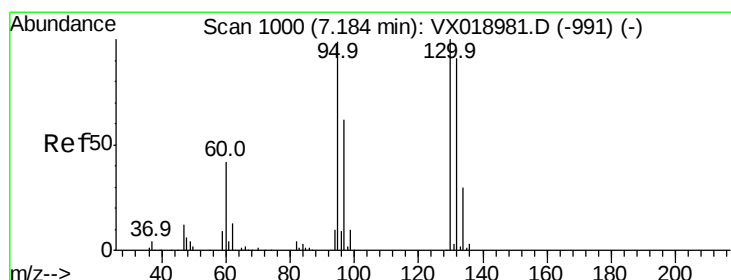
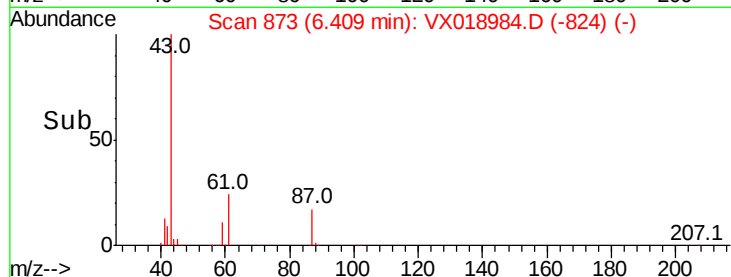
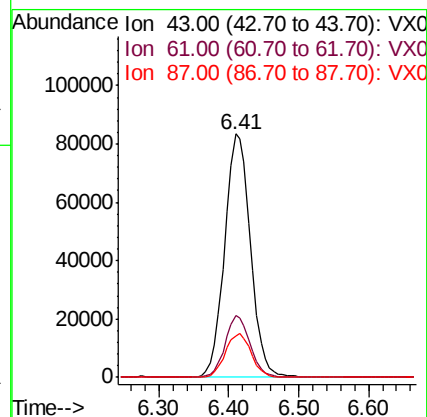
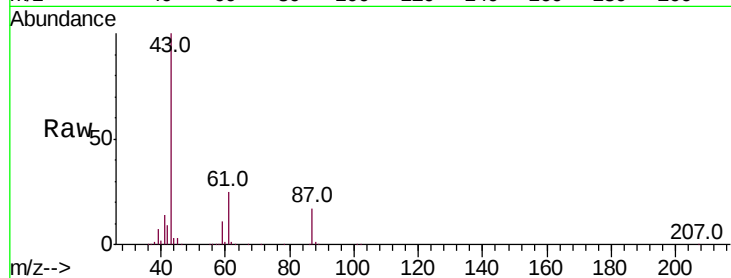




#43
Isopropyl Acetate
Concen: 49.573 ug/l
RT: 6.41 min Scan# 873
Delta R.T. -0.00 min
Lab File: VX018984.D
Acq: 20 Oct 2020 19:13

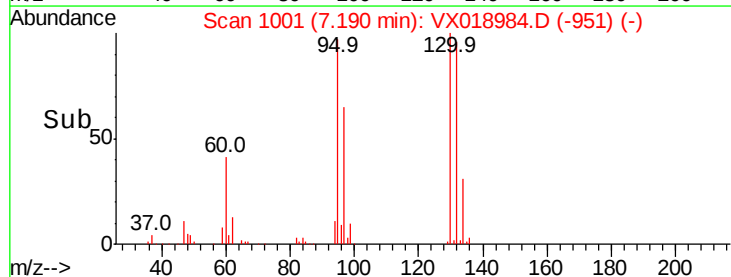
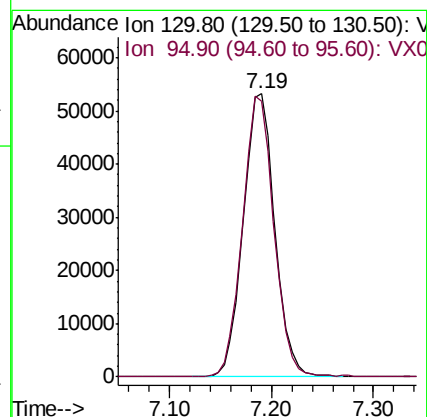
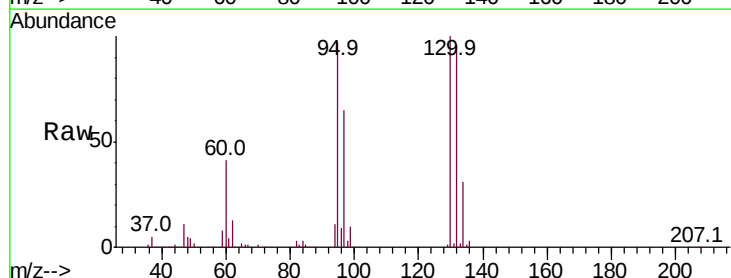
Instrument :
MSVOA_X
ClientSampleId :
ICVVX102020

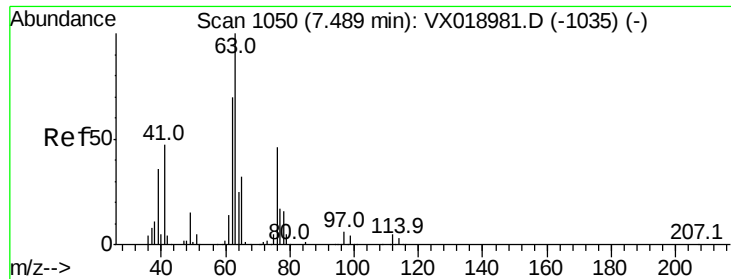
Tot Ion: 43 Resp: 212470
Ion Ratio Lower Upper
43 100
61 24.7 19.3 28.9
87 18.3 14.3 21.5



#44
Trichloroethene
Concen: 48.206 ug/l
RT: 7.19 min Scan# 1001
Delta R.T. 0.01 min
Lab File: VX018984.D
Acq: 20 Oct 2020 19:13

Tgt Ion:130 Resp: 114241
Ion Ratio Lower Upper
130 100
95 97.4 0.0 198.2





#45

1,2-Dichloropropane

Concen: 48.984 ug/l

RT: 7.49 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VX018984.D

Acq: 20 Oct 2020 19:13

Instrument :

MSVOA_X

ClientSampleId :

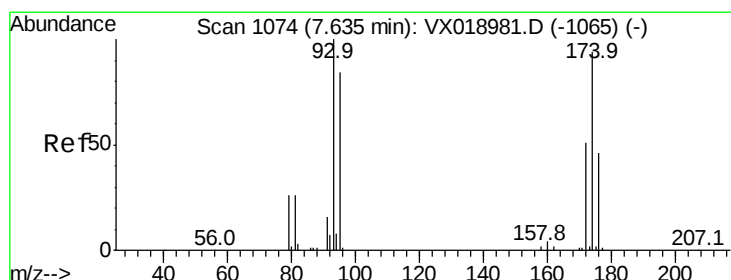
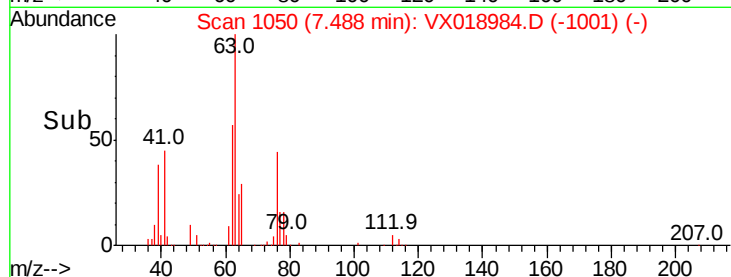
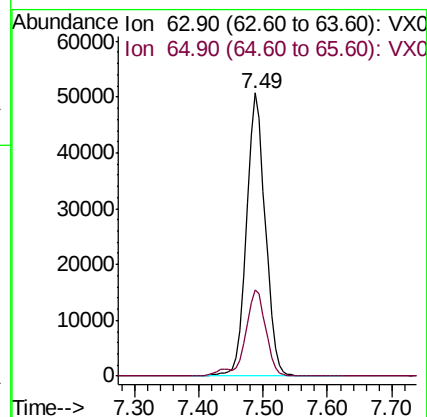
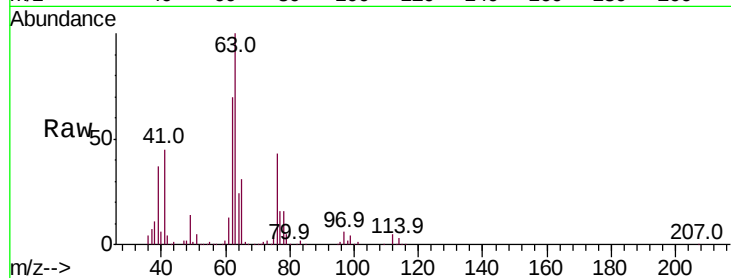
ICVVX102020

Tot Ion: 63 Resp: 102053

Ion Ratio Lower Upper

63 100

65 30.7 25.8 38.6



#46

Dibromomethane

Concen: 49.240 ug/l

RT: 7.64 min Scan# 1075

Delta R.T. 0.01 min

Lab File: VX018984.D

Acq: 20 Oct 2020 19:13

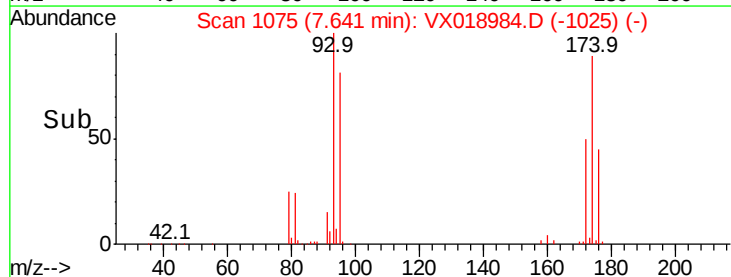
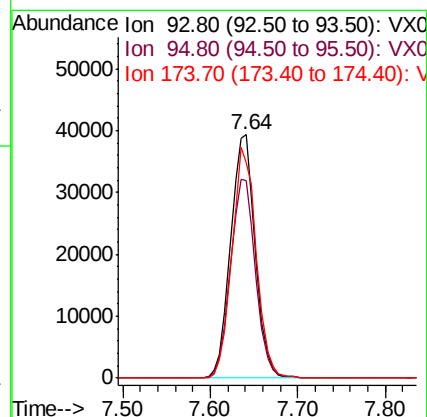
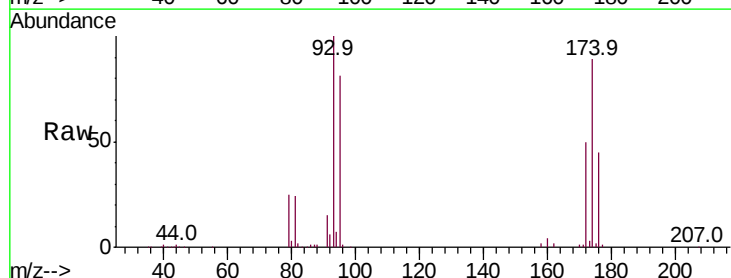
Tgt Ion: 93 Resp: 76994

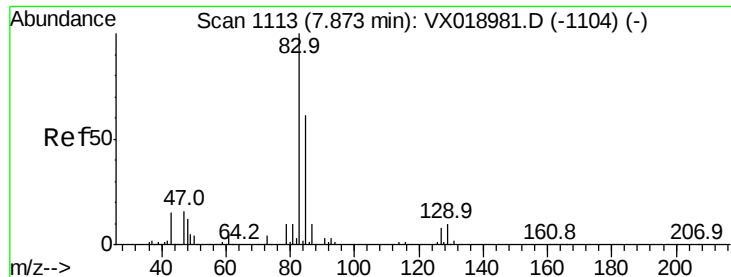
Ion Ratio Lower Upper

93 100

95 83.2 66.2 99.4

174 93.5 74.5 111.7





#47

Bromodichloromethane

Concen: 49.611 ug/l

RT: 7.87 min Scan# 1113

Delta R.T. -0.00 min

Lab File: VX018984.D

Acq: 20 Oct 2020 19:13

Instrument :

MSVOA_X

ClientSampleId :

ICVVX102020

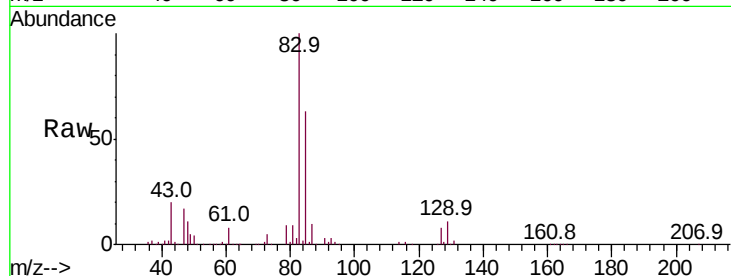
Tot Ion: 83 Resp: 153905

Ion Ratio Lower Upper

83 100

85 63.1 48.6 73.0

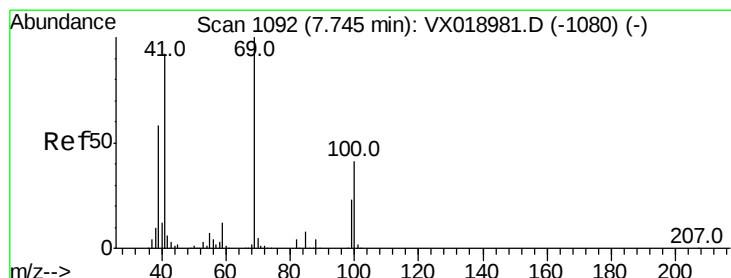
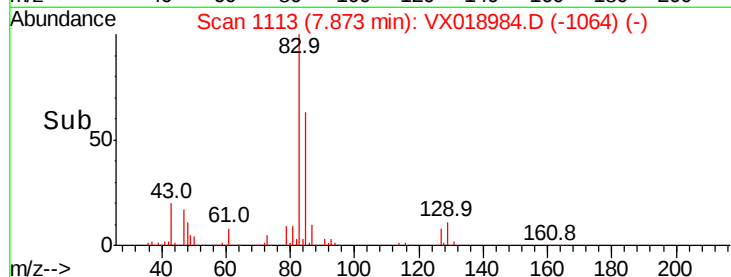
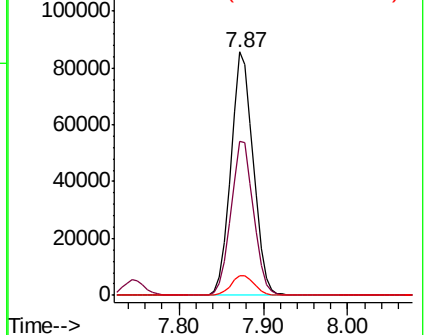
127 8.1 6.3 9.5



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 47.179 ug/l

RT: 7.74 min Scan# 1092

Delta R.T. -0.00 min

Lab File: VX018984.D

Acq: 20 Oct 2020 19:13

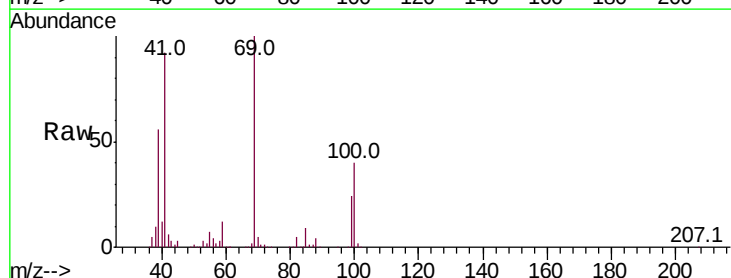
Tgt Ion: 41 Resp: 99835

Ion Ratio Lower Upper

41 100

69 110.0 88.0 132.0

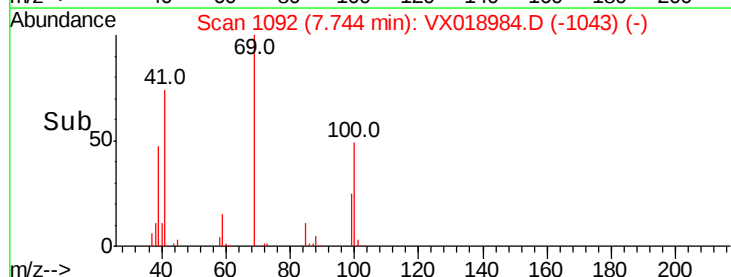
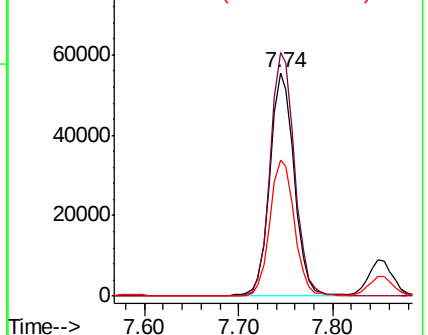
39 62.4 49.9 74.9

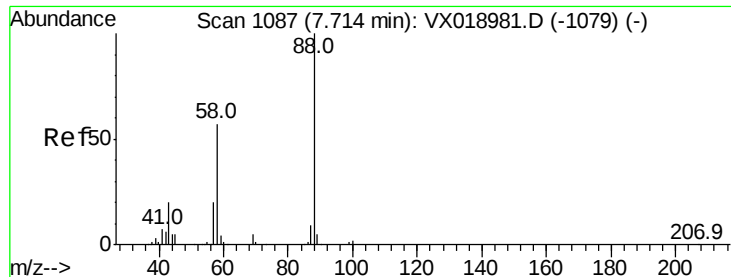


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

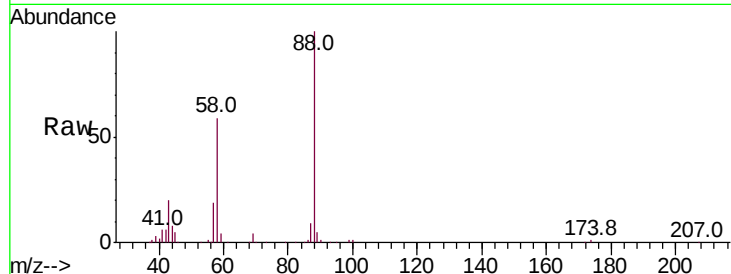




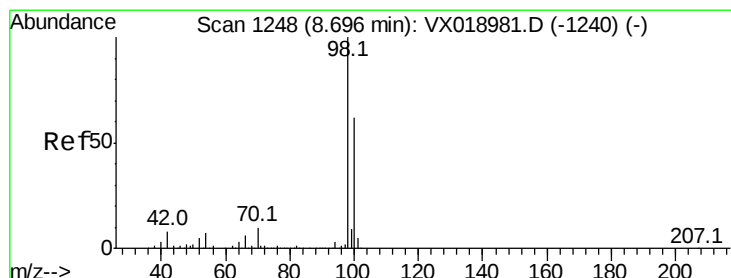
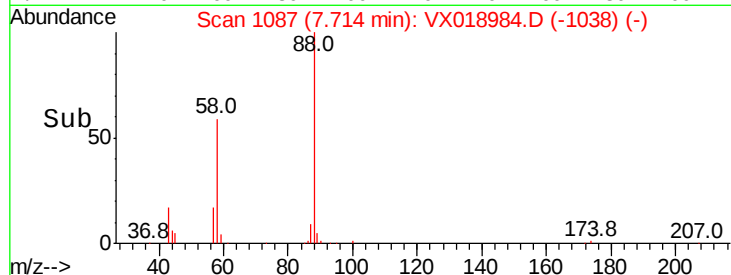
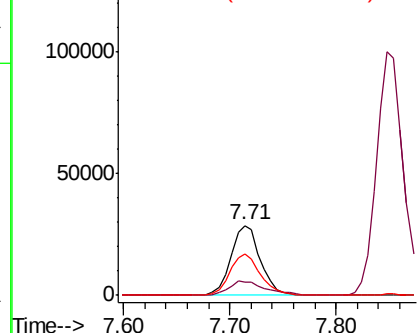
#49
1,4-Dioxane
Concen: 990.618 ug/l
RT: 7.71 min Scan# 1087
Delta R.T. -0.00 min
Lab File: VX018984.D
Acq: 20 Oct 2020 19:13

Instrument :
MSVOA_X
ClientSampleId :
ICVVX102020

Tot Ion	88	Resp	55569
Ion	Ratio	Lower	Upper
88	100		
43	25.1	20.4	30.6
58	61.5	49.3	73.9

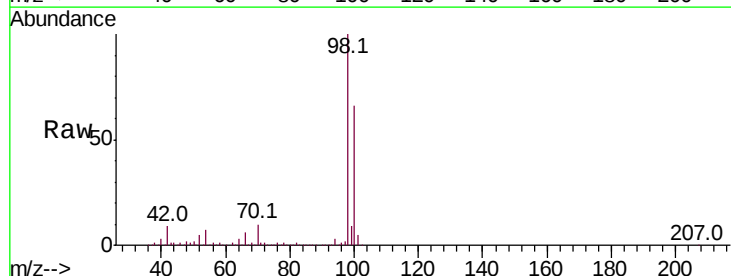


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

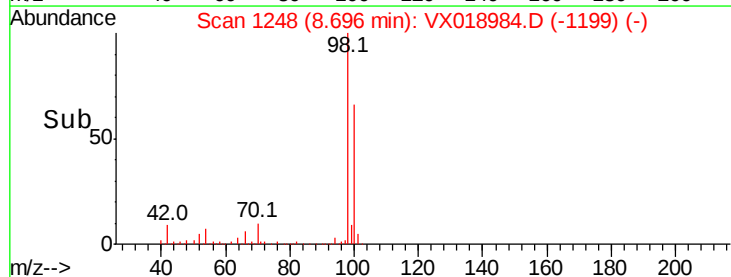
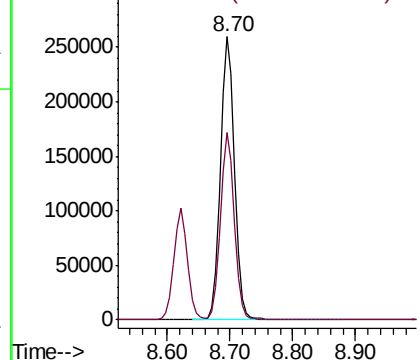


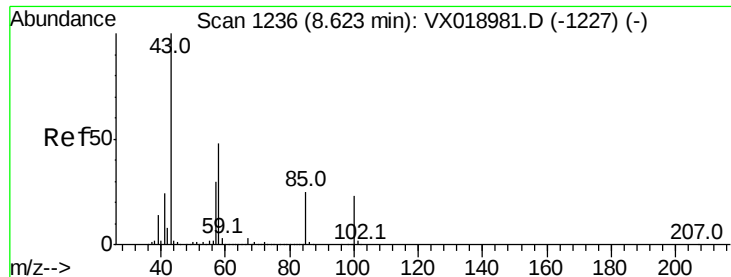
#50
Toluene-d8
Concen: 50.381 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VX018984.D
Acq: 20 Oct 2020 19:13

Tgt Ion	98	Resp	399455
Ion	Ratio	Lower	Upper
98	100		
100	65.7	52.6	78.8



Abundance Ion 98.00 (97.70 to 98.70): VX0
Ion 100.00 (99.70 to 100.70): V





#51

4-Methyl-2-Pentanone

Concen: 253.022 ug/l

RT: 8.62 min Scan# 1236

Delta R.T. -0.00 min

Lab File: VX018984.D

Acq: 20 Oct 2020 19:13

Instrument :

MSVOA_X

ClientSampleId :

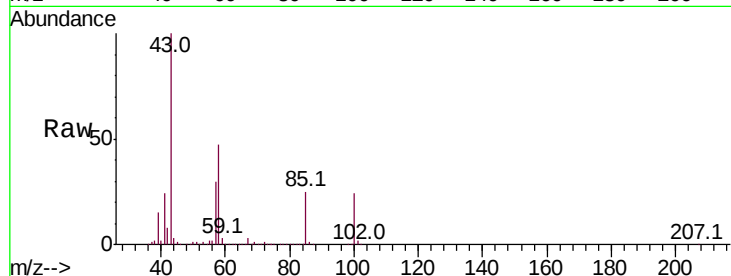
ICVVX102020

Tot Ion: 43 Resp: 669607

Ion Ratio Lower Upper

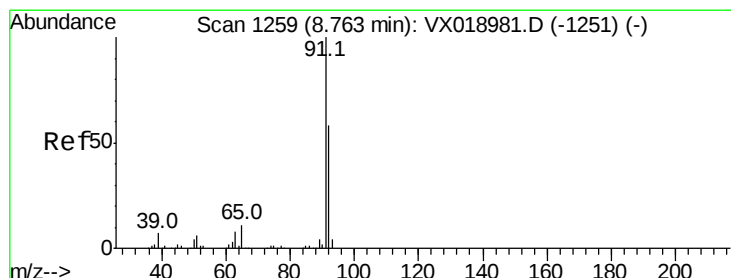
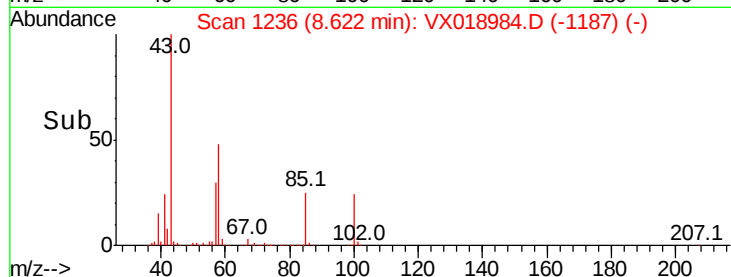
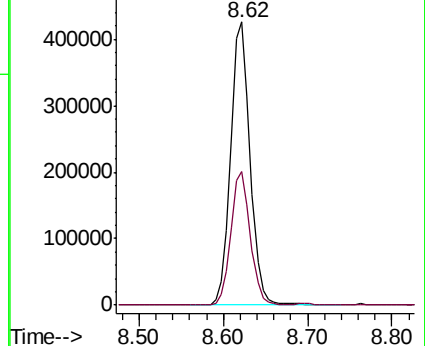
43 100

58 47.1 37.8 56.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 51.015 ug/l

RT: 8.76 min Scan# 1259

Delta R.T. -0.00 min

Lab File: VX018984.D

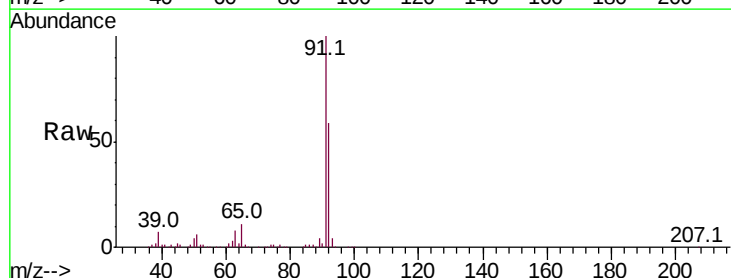
Acq: 20 Oct 2020 19:13

Tgt Ion: 92 Resp: 292071

Ion Ratio Lower Upper

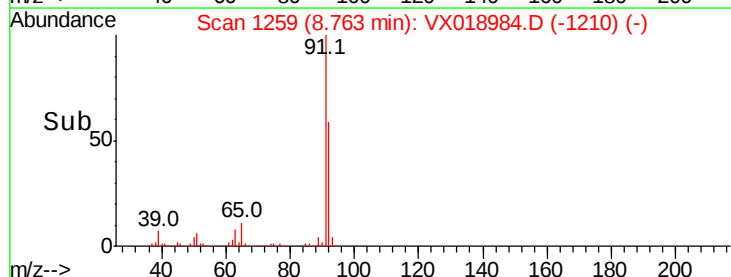
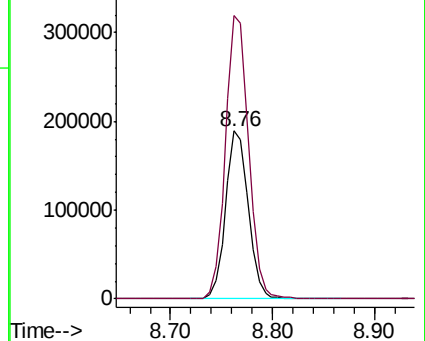
92 100

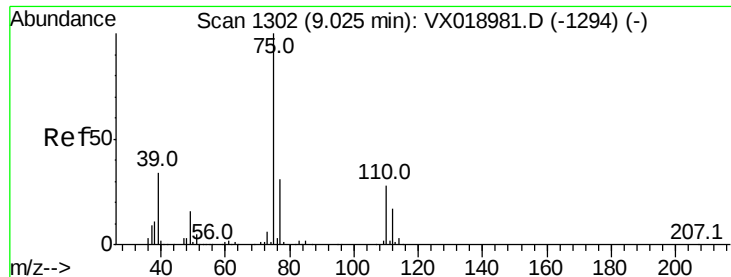
91 171.8 136.5 204.7



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0





#53

t-1,3-Dichloropropene

Concen: 50.310 ug/l

RT: 9.02 min Scan# 1302

Delta R.T. -0.00 min

Lab File: VX018984.D

Acq: 20 Oct 2020 19:13

Instrument :

MSVOA_X

ClientSampled :

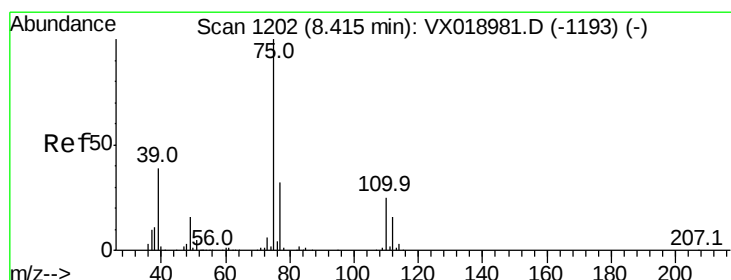
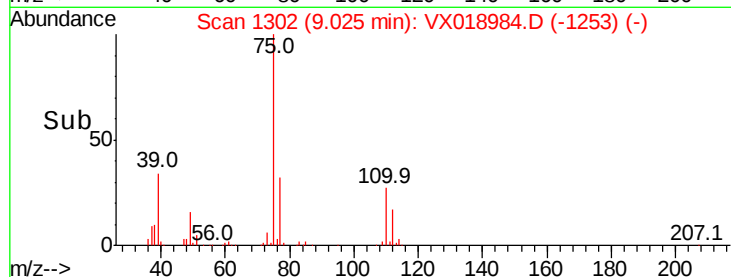
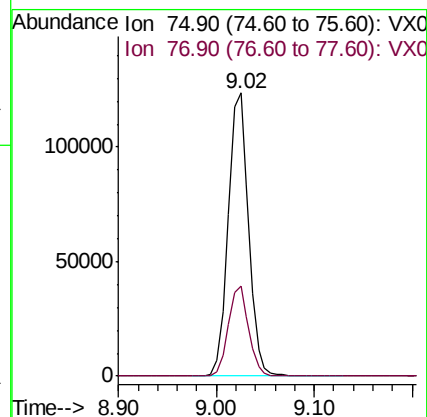
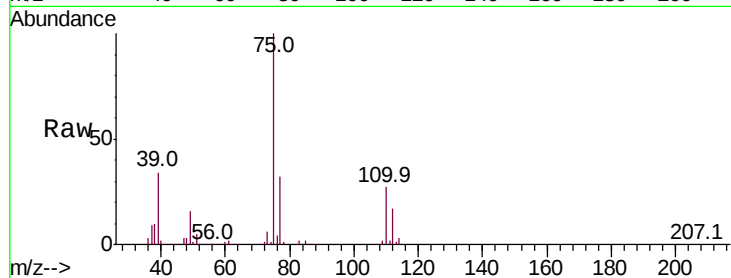
ICVVX102020

Tot Ion: 75 Resp: 178318

Ion Ratio Lower Upper

75 100

77 32.0 25.0 37.6



#54

cis-1,3-Dichloropropene

Concen: 49.709 ug/l

RT: 8.42 min Scan# 1202

Delta R.T. -0.00 min

Lab File: VX018984.D

Acq: 20 Oct 2020 19:13

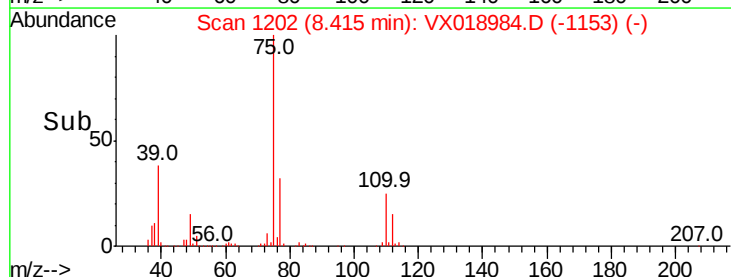
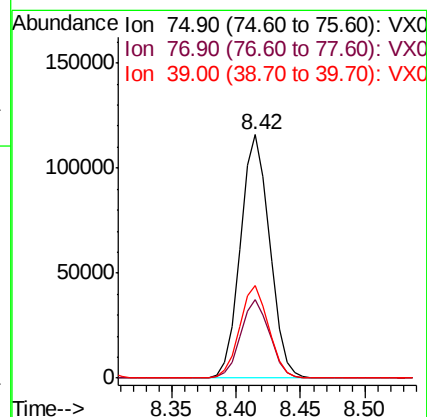
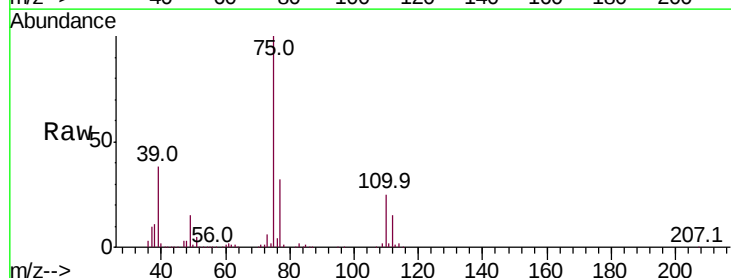
Tgt Ion: 75 Resp: 183097

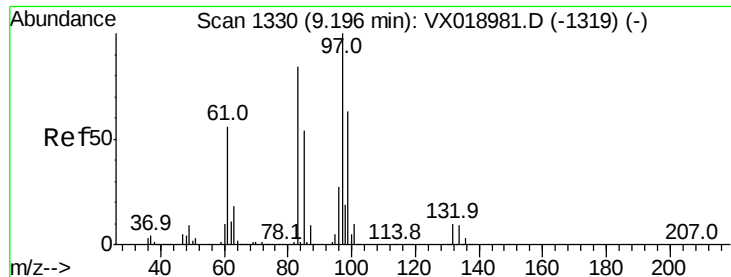
Ion Ratio Lower Upper

75 100

77 32.1 25.4 38.0

39 37.9 31.3 46.9

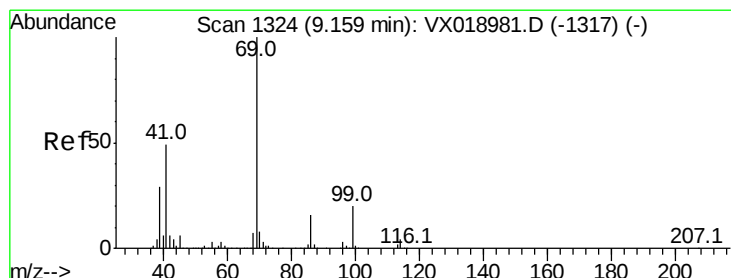
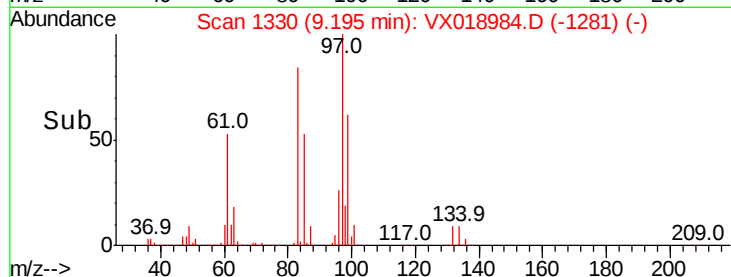
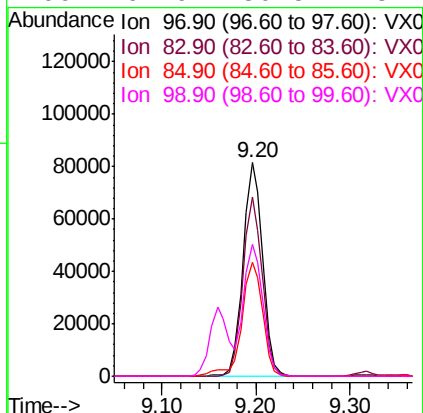
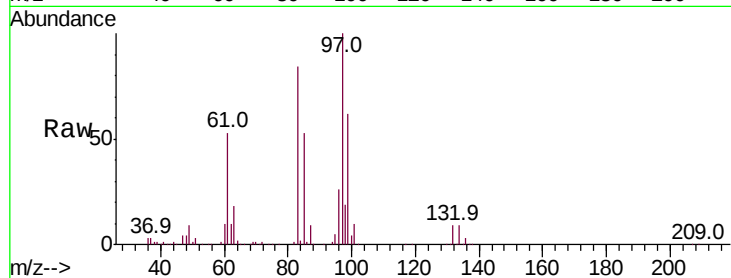




#55
 1,1,2-Trichloroethane
 Concen: 50.784 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. -0.00 min
 Lab File: VX018984.D
 Acq: 20 Oct 2020 19:13

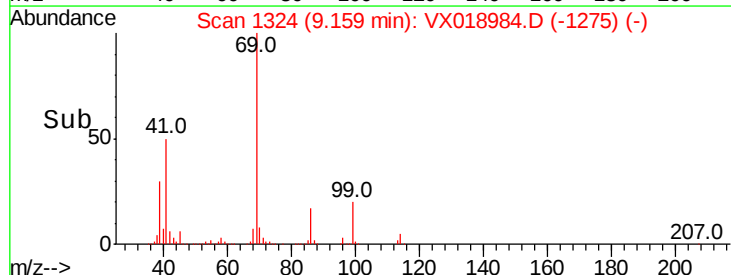
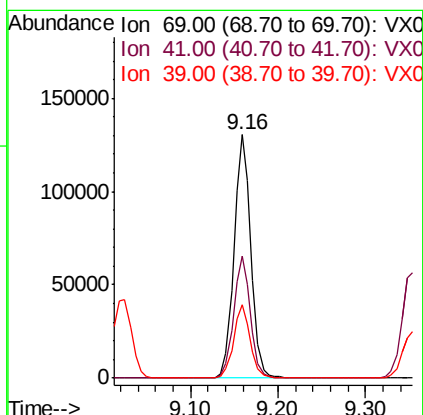
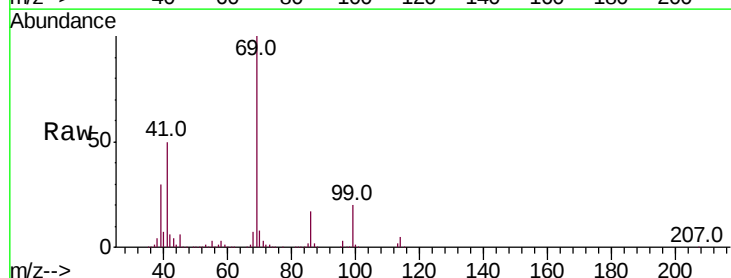
Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX102020

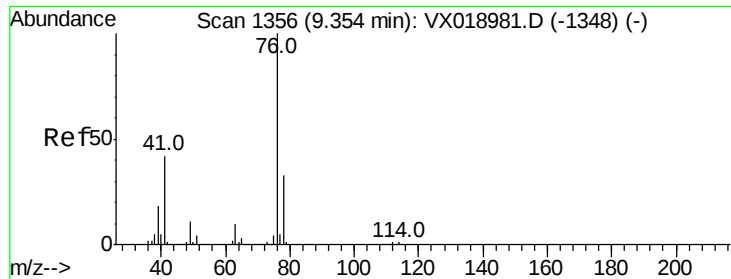
Tot Ion:	97	Resp:	118267
Ion	Ratio	Lower	Upper
97	100		
83	83.7	67.4	101.0
85	53.3	43.1	64.7
99	61.9	50.5	75.7



#56
 Ethyl methacrylate
 Concen: 51.011 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. -0.00 min
 Lab File: VX018984.D
 Acq: 20 Oct 2020 19:13

Tgt Ion:	69	Resp:	175121
Ion	Ratio	Lower	Upper
69	100		
41	49.6	39.8	59.6
39	29.4	23.8	35.6





#57

1,3-Dichloropropane

Concen: 50.557 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. -0.00 min

Lab File: VX018984.D

Acq: 20 Oct 2020 19:13

Instrument :

MSVOA_X

ClientSampleId :

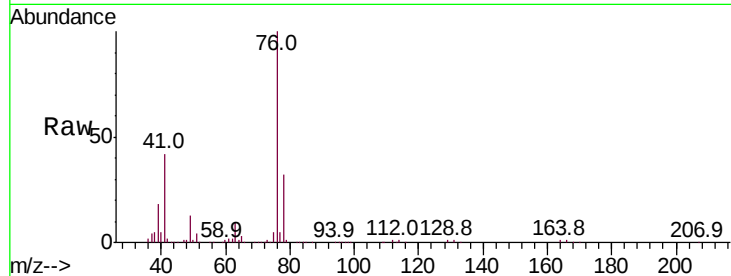
ICVVX102020

Tot Ion: 76 Resp: 189912

Ion Ratio Lower Upper

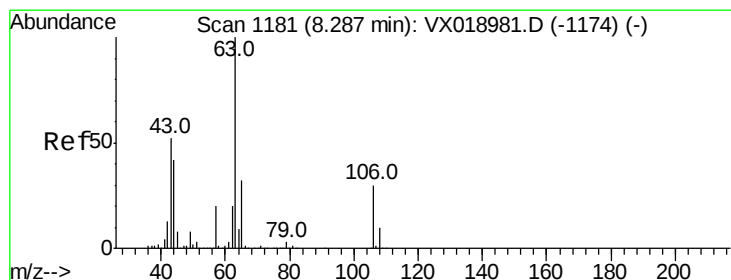
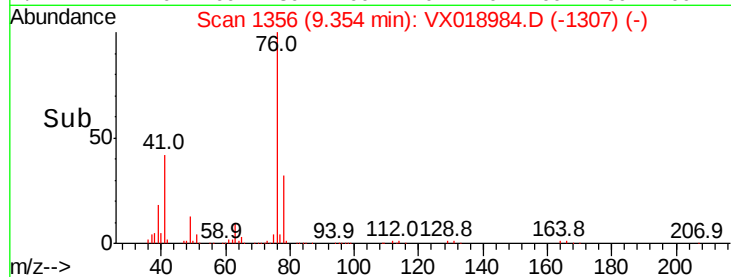
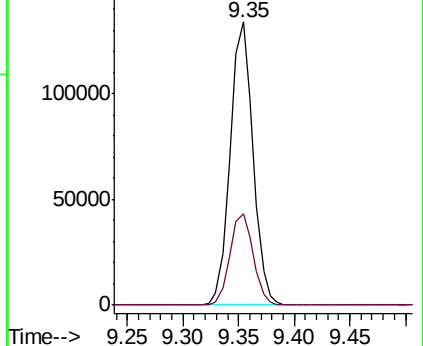
76 100

78 33.0 26.1 39.1



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 248.509 ug/l

RT: 8.29 min Scan# 1182

Delta R.T. 0.01 min

Lab File: VX018984.D

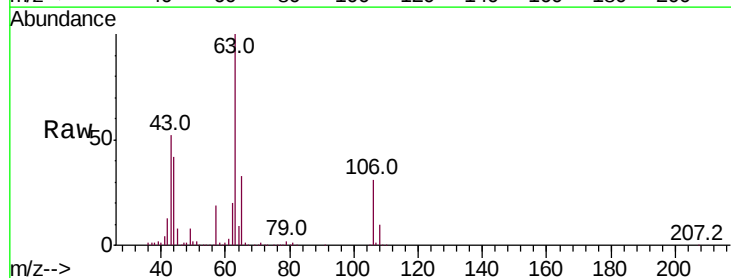
Acq: 20 Oct 2020 19:13

Tgt Ion: 63 Resp: 439465

Ion Ratio Lower Upper

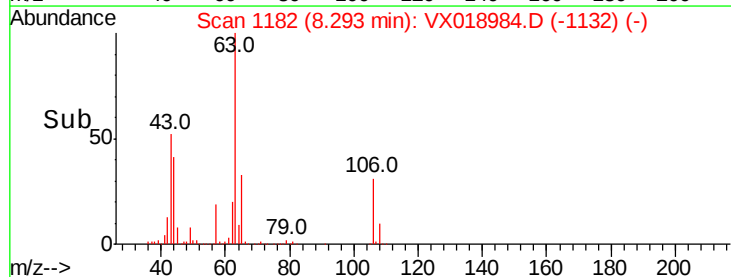
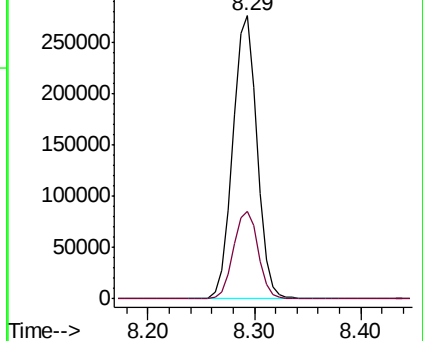
63 100

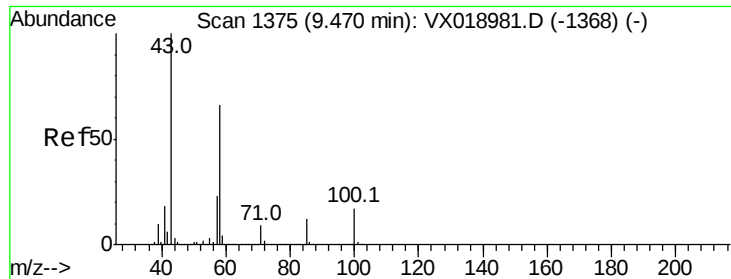
106 31.9 25.0 37.4



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

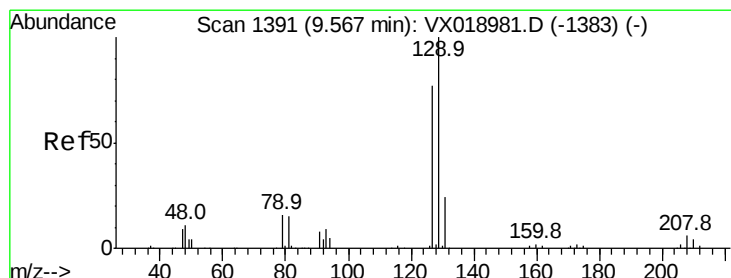
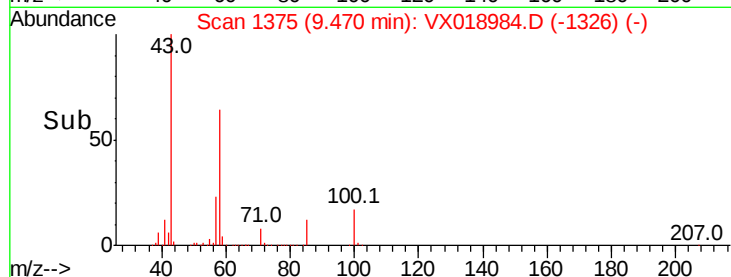
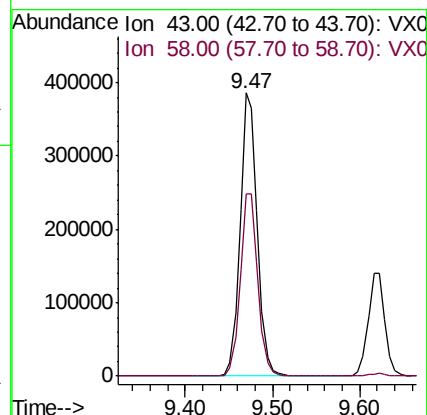
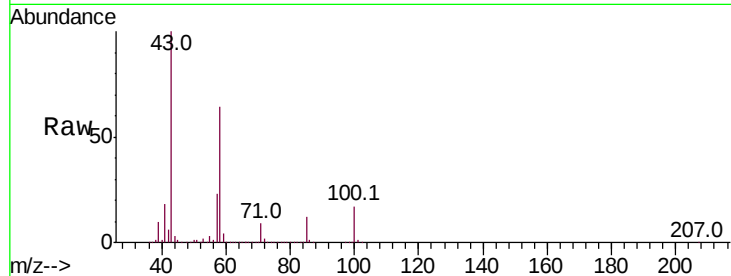




#59
2-Hexanone
Concen: 256.742 ug/l
RT: 9.47 min Scan# 1375
Delta R.T. -0.00 min
Lab File: VX018984.D
Acq: 20 Oct 2020 19:13

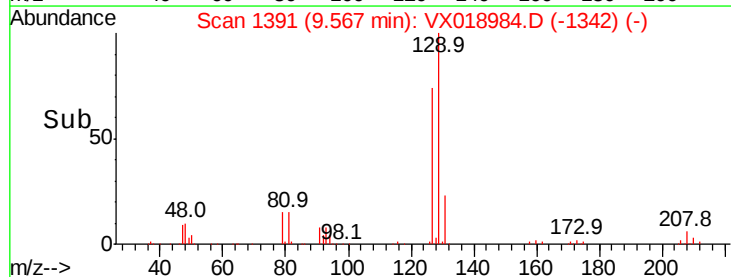
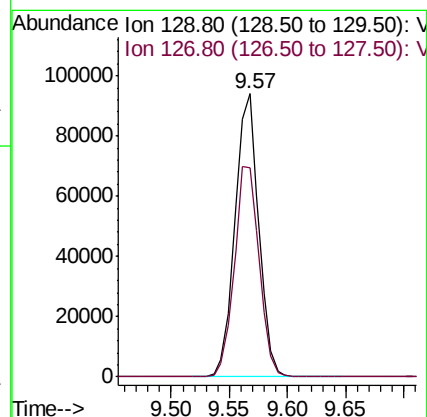
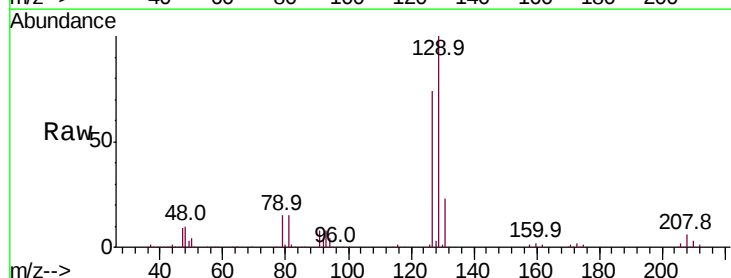
Instrument :
MSVOA_X
ClientSampleId :
ICVVX102020

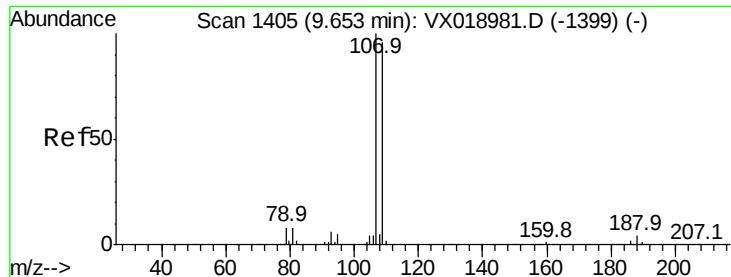
Tot Ion: 43 Resp: 527635
Ion Ratio Lower Upper
43 100
58 66.5 33.0 99.0



#60
Dibromochloromethane
Concen: 51.838 ug/l
RT: 9.57 min Scan# 1391
Delta R.T. -0.00 min
Lab File: VX018984.D
Acq: 20 Oct 2020 19:13

Tgt Ion: 129 Resp: 133317
Ion Ratio Lower Upper
129 100
127 77.8 38.8 116.4

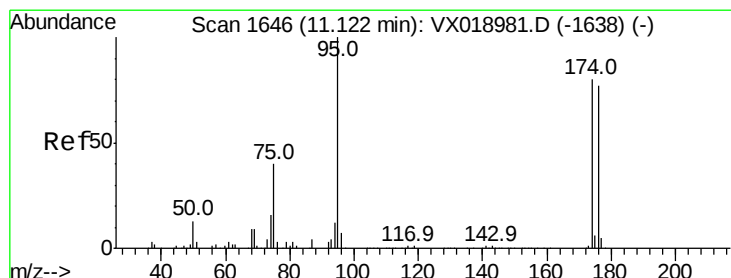
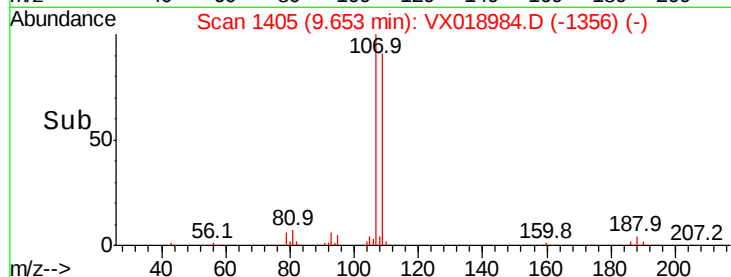
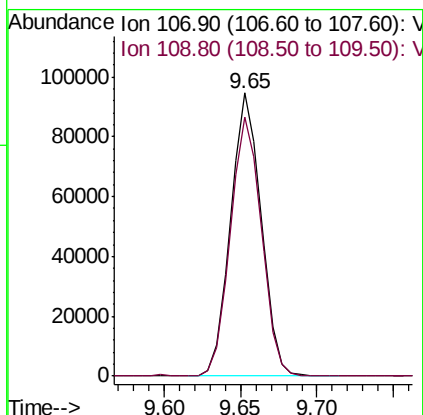
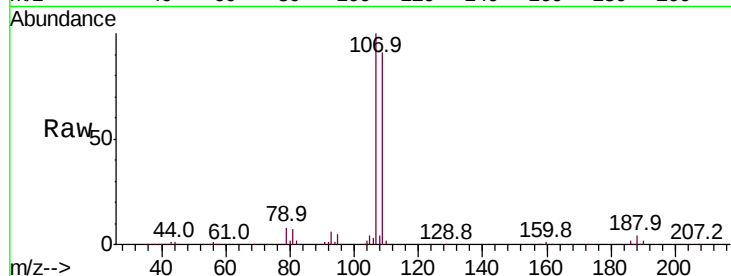




#61
 1,2-Dibromoethane
 Concen: 52.143 ug/l
 RT: 9.65 min Scan# 1405
 Delta R.T. -0.00 min
 Lab File: VX018984.D
 Acq: 20 Oct 2020 19:13

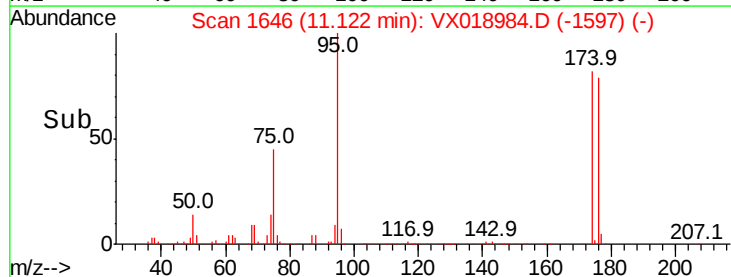
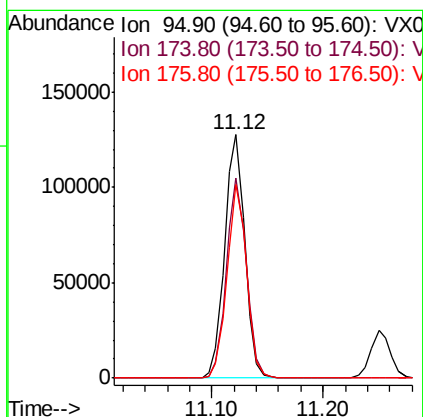
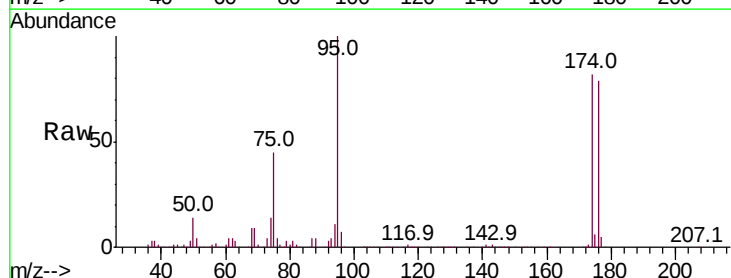
Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX102020

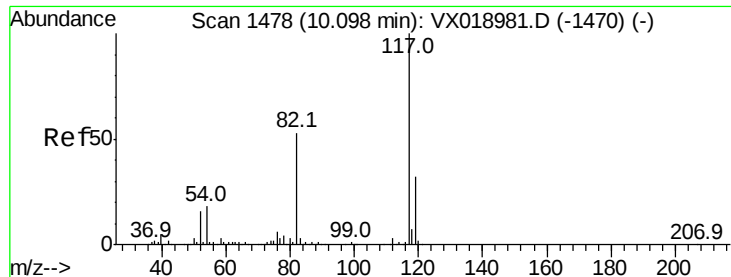
Tot Ion:107 Resp: 130261
 Ion Ratio Lower Upper
 107 100
 109 93.2 76.6 115.0



#62
 4-Bromofluorobenzene
 Concen: 51.557 ug/l
 RT: 11.12 min Scan# 1646
 Delta R.T. -0.00 min
 Lab File: VX018984.D
 Acq: 20 Oct 2020 19:13

Tgt Ion: 95 Resp: 159668
 Ion Ratio Lower Upper
 95 100
 174 81.5 0.0 159.8
 176 77.4 0.0 152.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.10 min Scan# 1478

Delta R.T. -0.00 min

Lab File: VX018984.D

Acq: 20 Oct 2020 19:13

Instrument :

MSVOA_X

ClientSampleId :

ICVVX102020

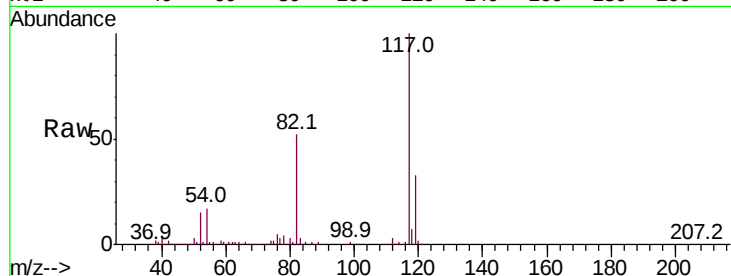
Tot Ion:117 Resp: 321991

Ion Ratio Lower Upper

117 100

82 51.7 42.2 63.4

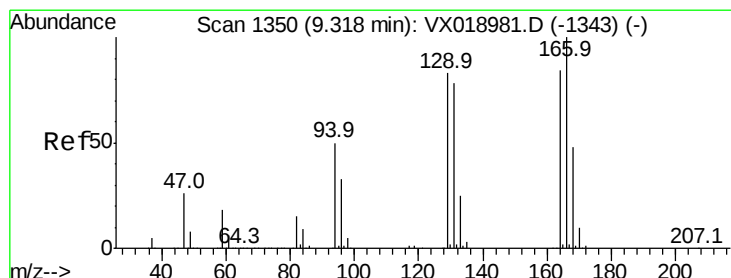
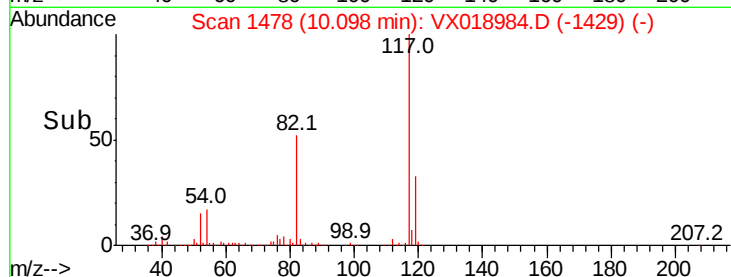
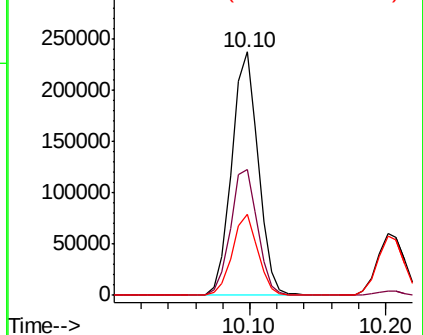
119 33.2 25.8 38.8



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V



#64

Tetrachloroethene

Concen: 45.569 ug/l

RT: 9.32 min Scan# 1350

Delta R.T. -0.00 min

Lab File: VX018984.D

Acq: 20 Oct 2020 19:13

Tgt Ion:164 Resp: 103386

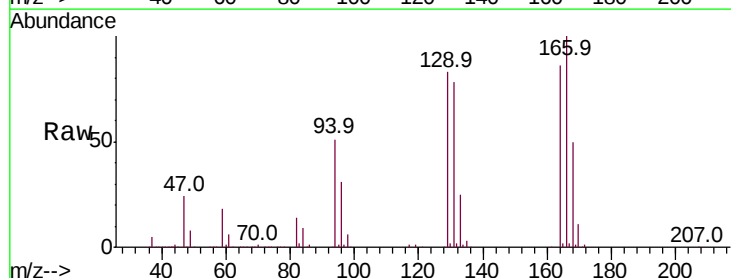
Ion Ratio Lower Upper

164 100

166 116.7 95.2 142.8

129 97.0 79.4 119.0

131 91.6 74.2 111.2

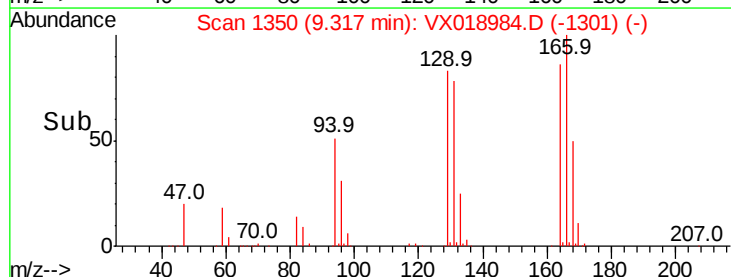
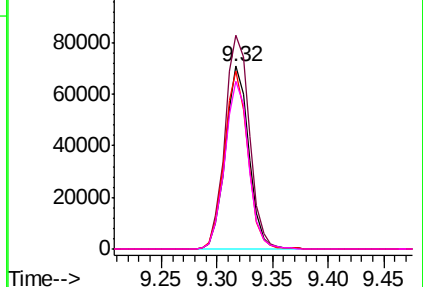


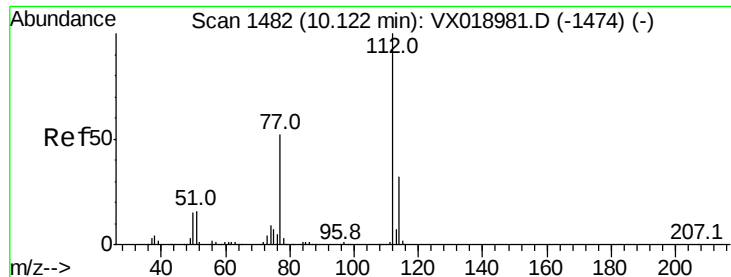
Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V





#65

Chlorobenzene

Concen: 48.295 ug/l

RT: 10.12 min Scan# 1482

Delta R.T. -0.00 min

Lab File: VX018984.D

Acq: 20 Oct 2020 19:13

Instrument :

MSVOA_X

ClientSampleId :

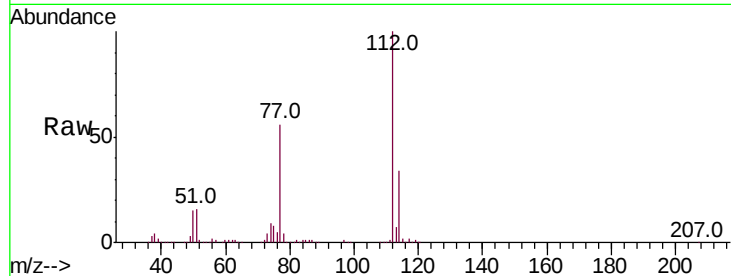
ICVVX102020

Tot Ion:112 Resp: 327804

Ion Ratio Lower Upper

112 100

114 33.5 25.8 38.6



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V

250000

200000

150000

100000

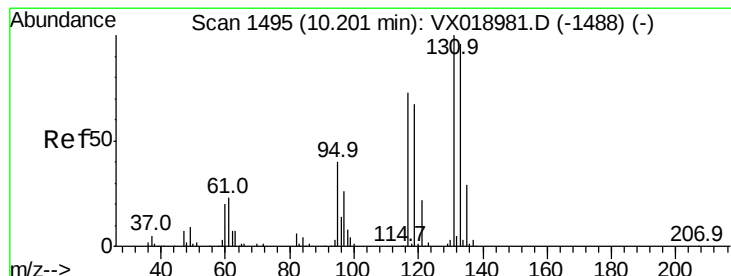
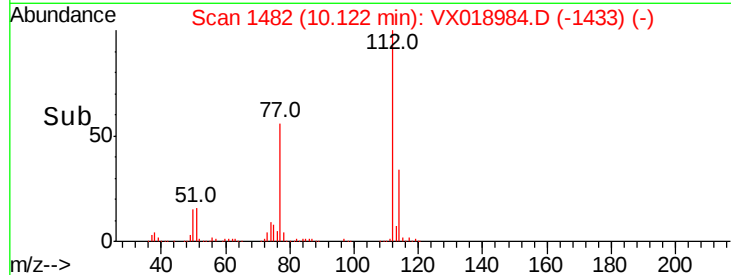
50000

0

10.12

10.10 10.20

Time-->



#66

1,1,1,2-Tetrachloroethane

Concen: 49.237 ug/l

RT: 10.20 min Scan# 1495

Delta R.T. -0.00 min

Lab File: VX018984.D

Acq: 20 Oct 2020 19:13

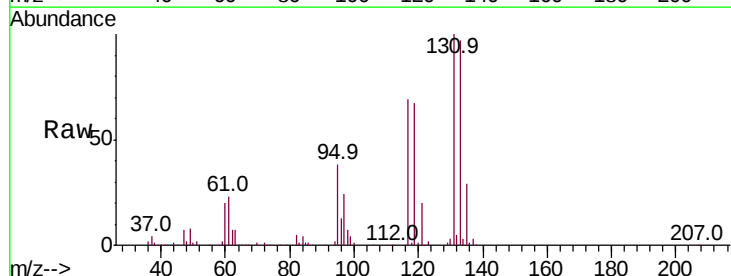
Tgt Ion:131 Resp: 119104

Ion Ratio Lower Upper

131 100

133 95.4 48.0 144.2

119 66.7 33.6 100.6



Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

120000

100000

80000

60000

40000

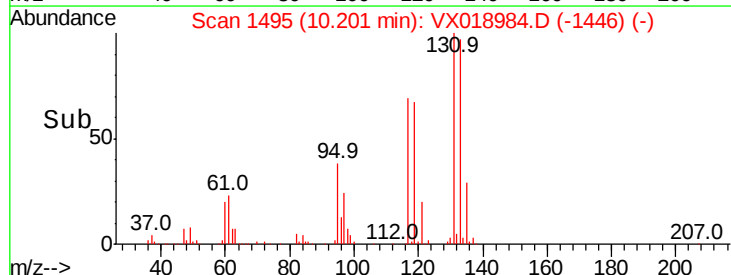
20000

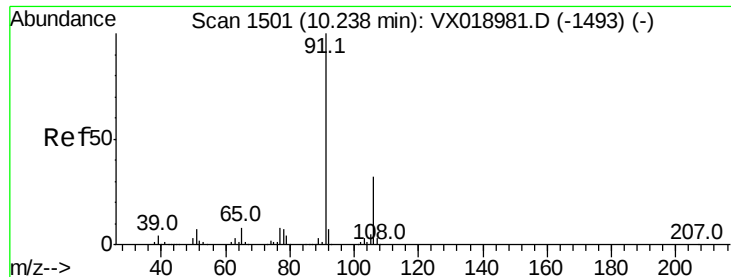
0

10.20

10.20 10.30

Time-->





#67

Ethyl Benzene

Concen: 49.084 ug/l

RT: 10.23 min Scan# 1500

Delta R.T. -0.01 min

Lab File: VX018984.D

Acq: 20 Oct 2020 19:13

Instrument :

MSVOA_X

ClientSampleId :

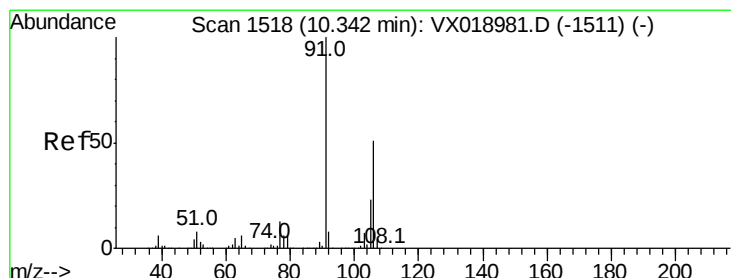
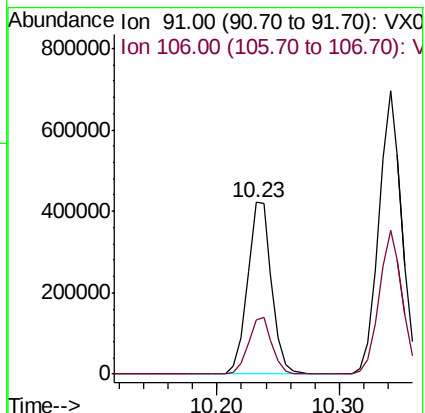
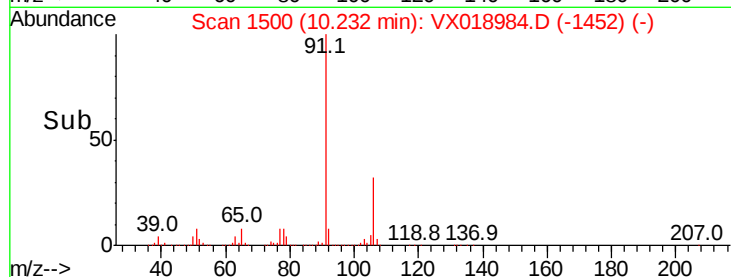
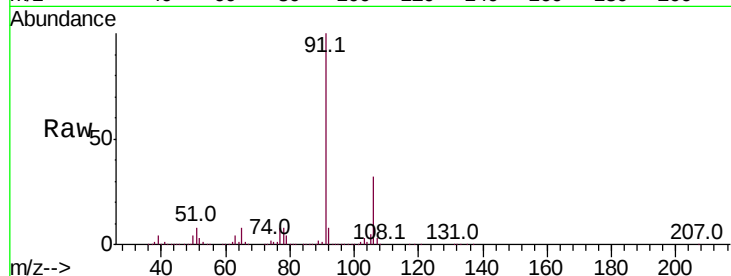
ICVVX102020

Tot Ion: 91 Resp: 577300

Ion Ratio Lower Upper

91 100

106 31.9 25.8 38.8



#68

m/p-Xylenes

Concen: 100.569 ug/l

RT: 10.34 min Scan# 1518

Delta R.T. -0.00 min

Lab File: VX018984.D

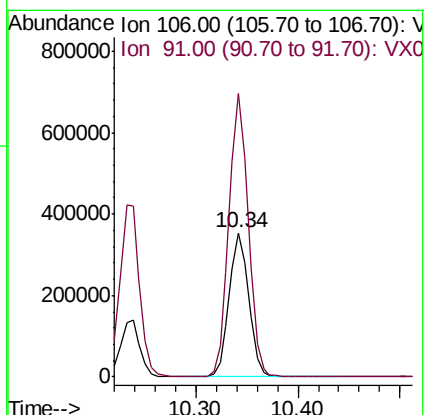
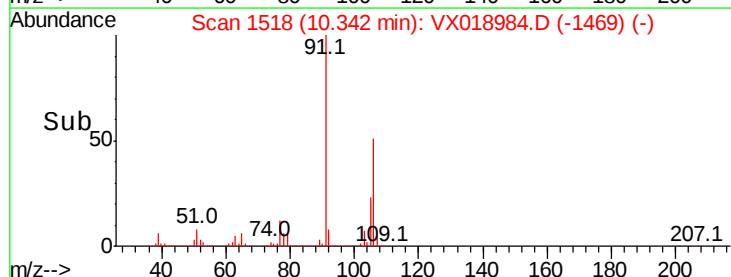
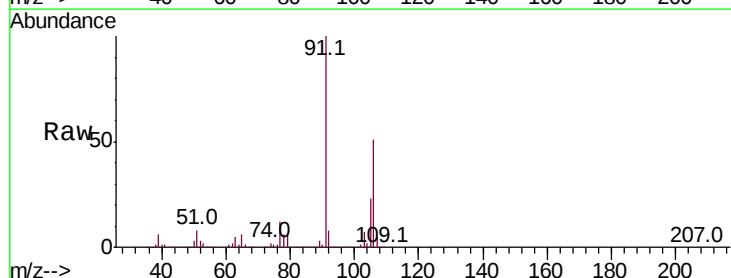
Acq: 20 Oct 2020 19:13

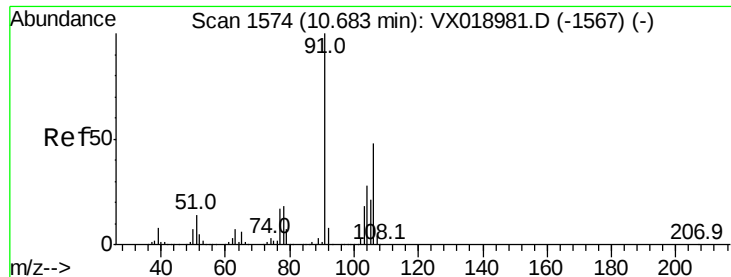
Tgt Ion: 106 Resp: 466291

Ion Ratio Lower Upper

106 100

91 195.7 157.9 236.9

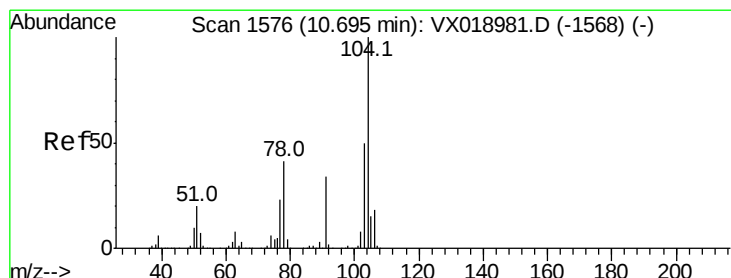
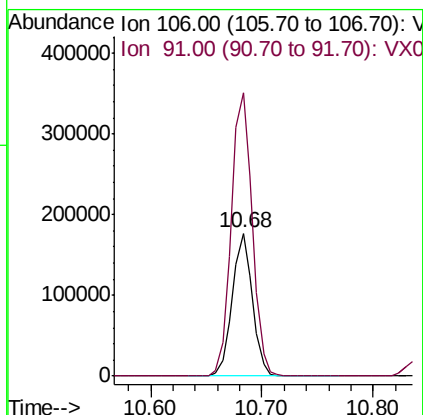
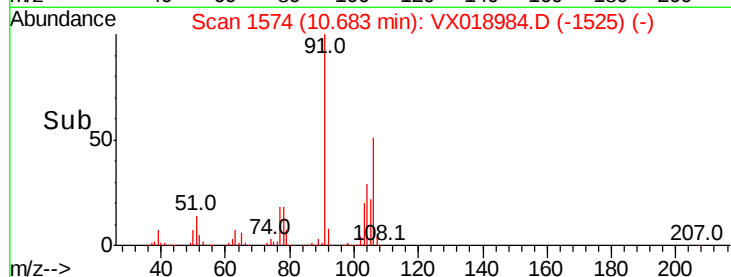
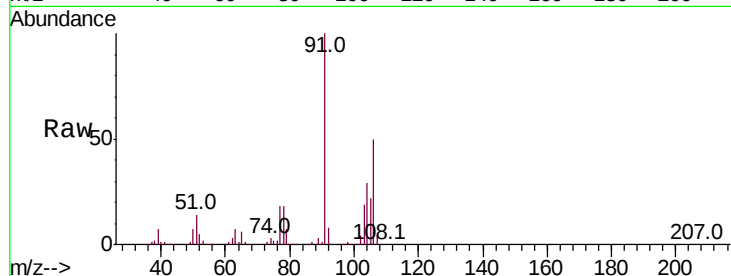




#69
o-Xylene
Concen: 49.581 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX018984.D
Acq: 20 Oct 2020 19:13

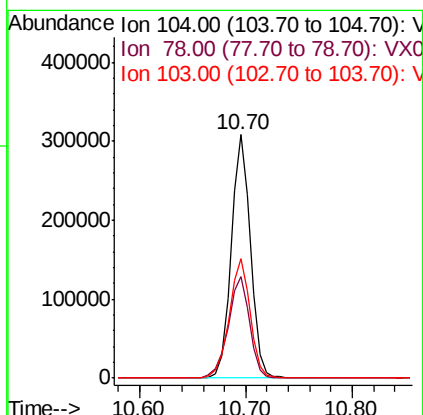
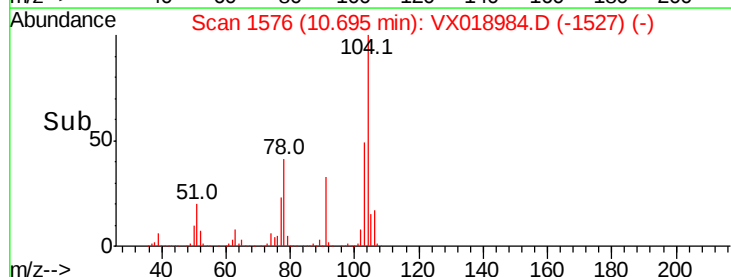
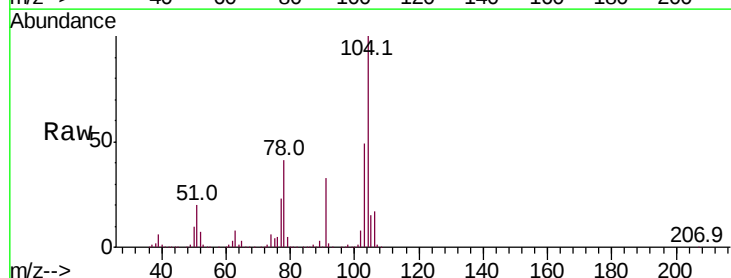
Instrument :
MSVOA_X
ClientSampleId :
ICVVX102020

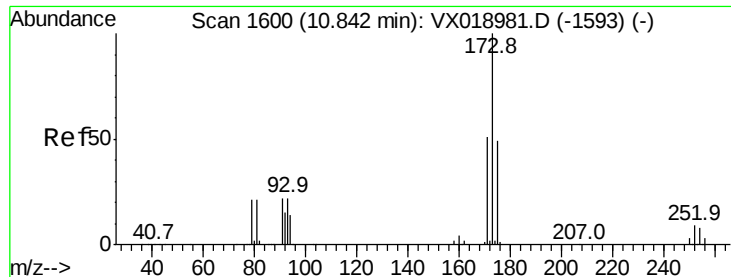
Tot Ion:106 Resp: 220181
Ion Ratio Lower Upper
106 100
91 207.2 105.5 316.5



#70
Styrene
Concen: 51.159 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX018984.D
Acq: 20 Oct 2020 19:13

Tgt Ion:104 Resp: 389715
Ion Ratio Lower Upper
104 100
78 46.2 37.4 56.0
103 53.5 43.7 65.5





#71

Bromoform

Concen: 45.746 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. 0.00 min

Lab File: VX018984.D

Acq: 20 Oct 2020 19:13

Instrument :

MSVOA_X

ClientSampleId :

ICVVX102020

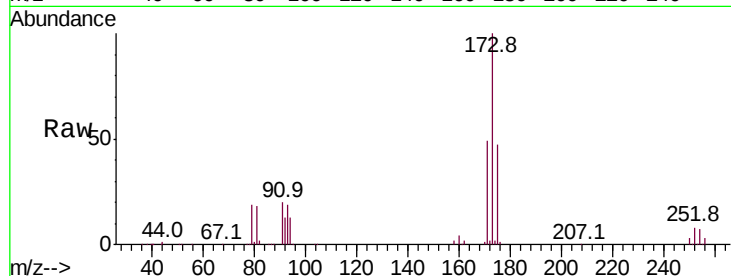
Tot Ion:173 Resp: 108247

Ion Ratio Lower Upper

173 100

175 48.9 24.8 74.4

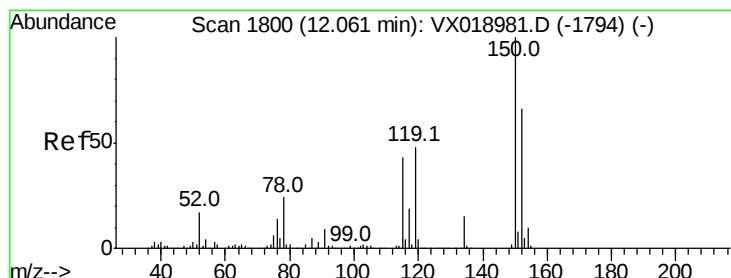
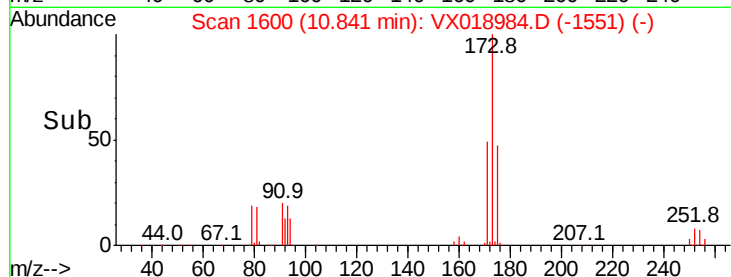
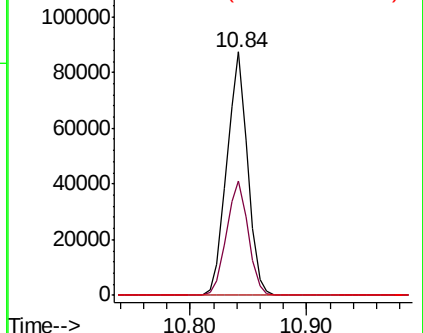
254 0.1 0.1 0.1



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VX018984.D

Acq: 20 Oct 2020 19:13

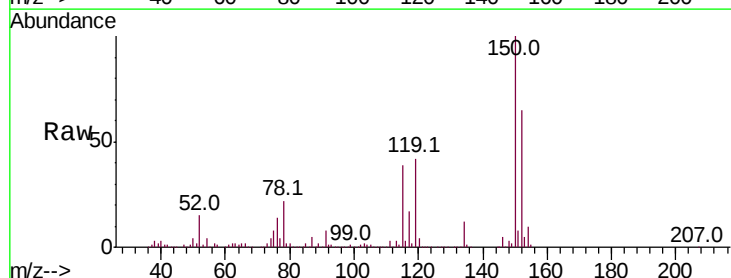
Tgt Ion:152 Resp: 191123

Ion Ratio Lower Upper

152 100

115 78.9 41.2 123.6

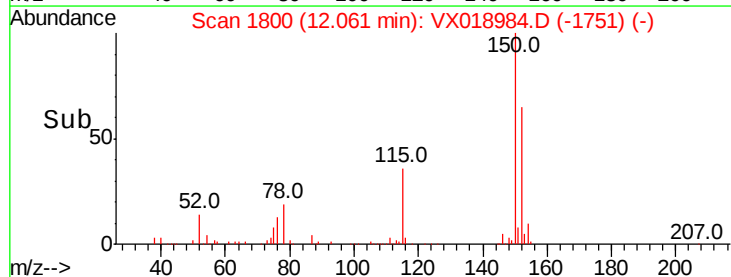
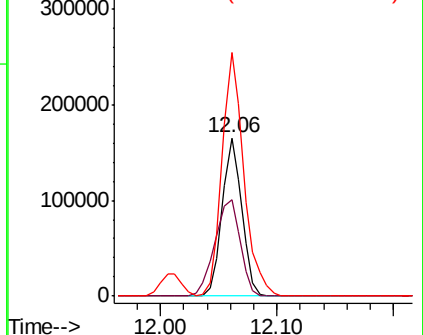
150 172.6 0.0 345.6

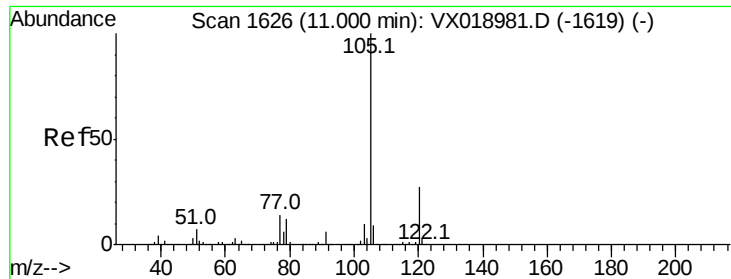


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 46.210 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.00 min

Lab File: VX018984.D

Acq: 20 Oct 2020 19:13

Instrument :

MSVOA_X

ClientSampled :

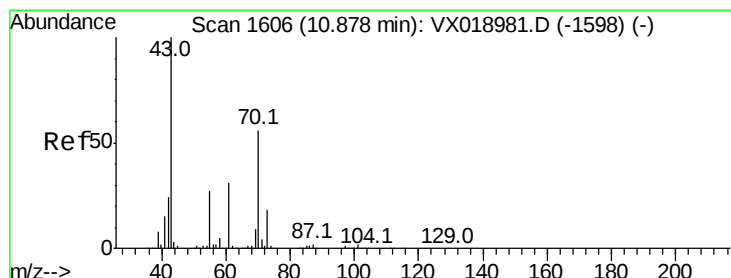
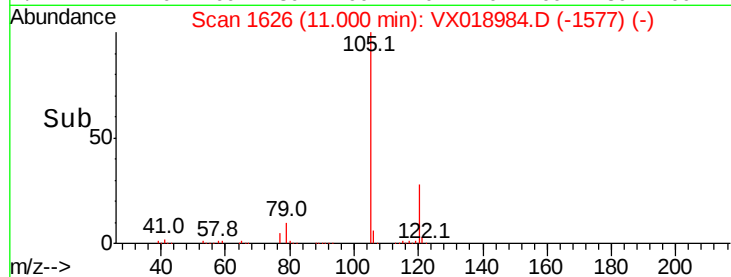
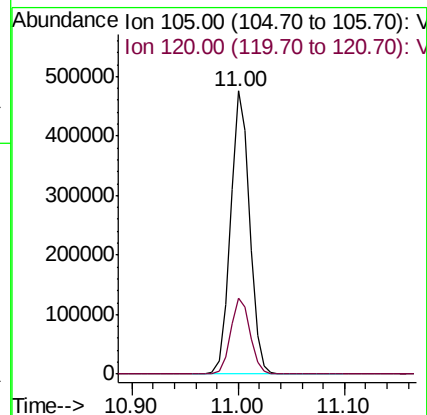
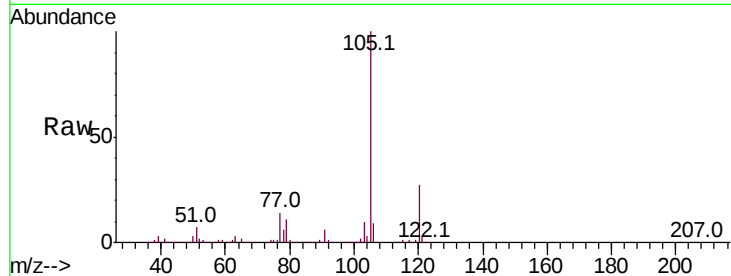
ICVVX102020

Tot Ion:105 Resp: 595718

Ion Ratio Lower Upper

105 100

120 27.3 13.6 40.7



#74

N-ethyl acetate

Concen: 42.781 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. -0.00 min

Lab File: VX018984.D

Acq: 20 Oct 2020 19:13

Tgt Ion: 43 Resp: 188455

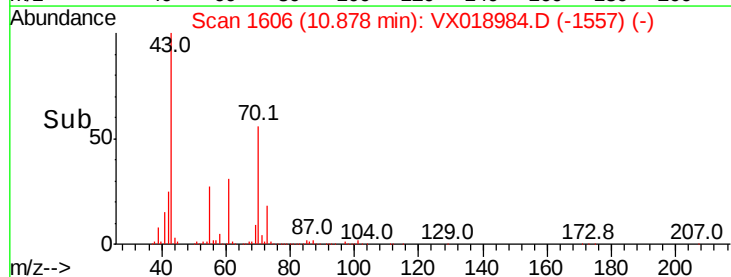
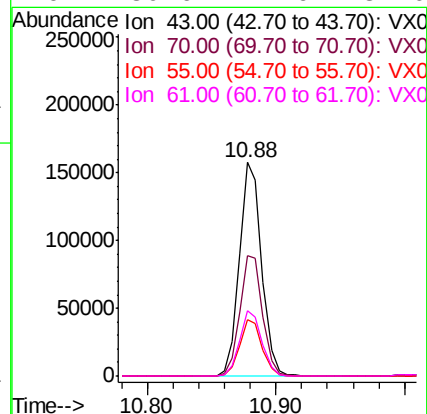
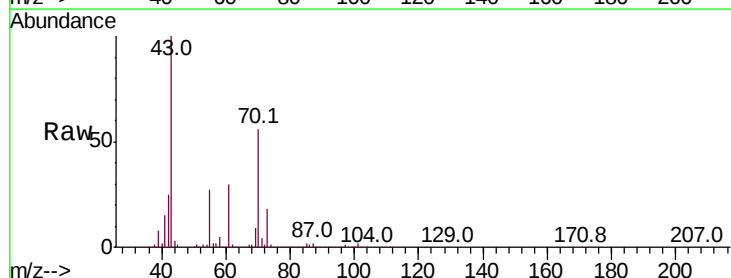
Ion Ratio Lower Upper

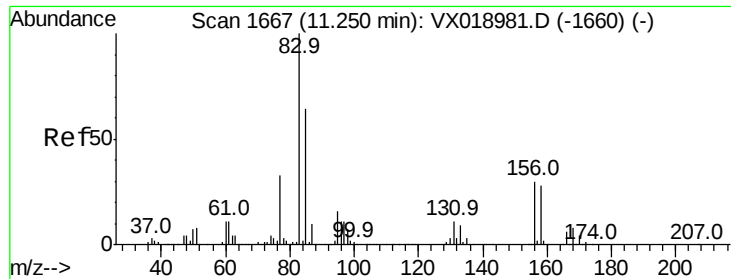
43 100

70 57.5 45.9 68.9

55 26.9 21.9 32.9

61 30.6 24.6 37.0





#75

1,1,2,2-Tetrachloroethane

Concen: 45.679 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. -0.00 min

Lab File: VX018984.D

Acq: 20 Oct 2020 19:13

Instrument :

MSVOA_X

ClientSampleId :

ICVVX102020

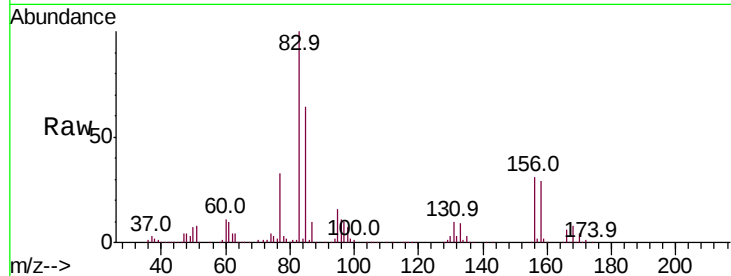
Tot Ion: 83 Resp: 198274

Ion Ratio Lower Upper

83 100

131 10.5 5.4 16.2

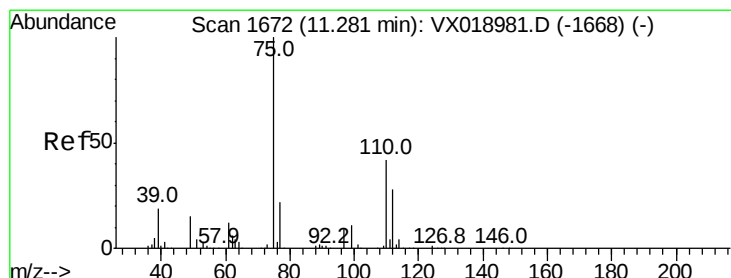
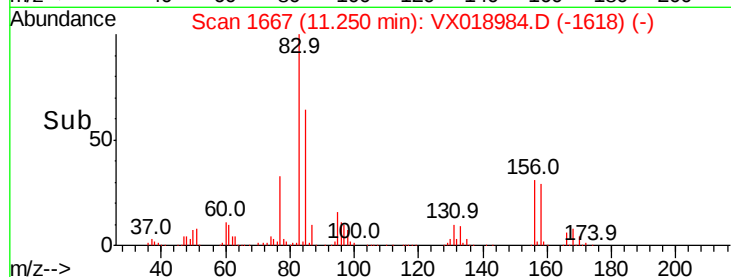
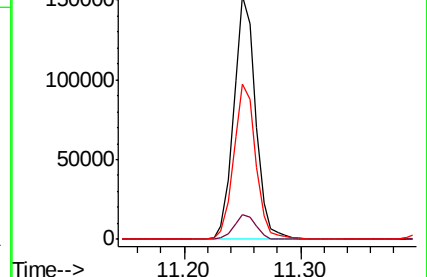
85 64.6 32.2 96.6



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 57.192 ug/l

RT: 11.28 min Scan# 1672

Delta R.T. -0.00 min

Lab File: VX018984.D

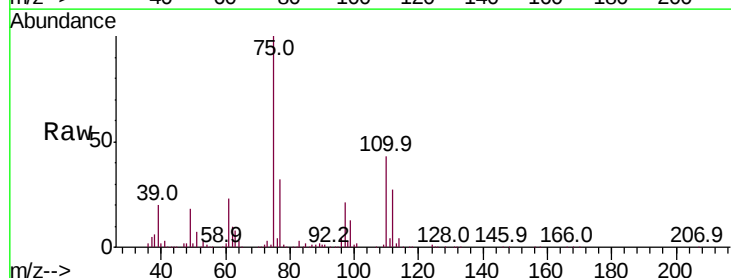
Acq: 20 Oct 2020 19:13

Tgt Ion: 75 Resp: 224657

Ion Ratio Lower Upper

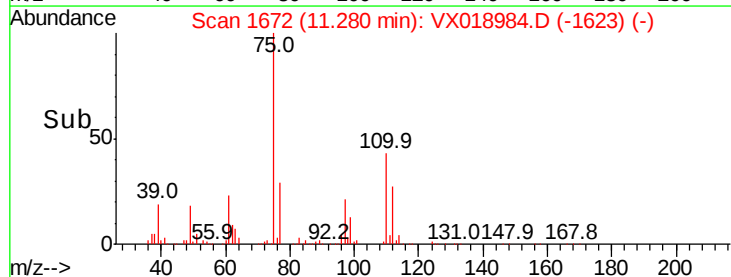
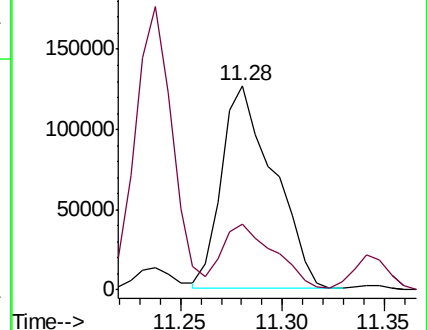
75 100

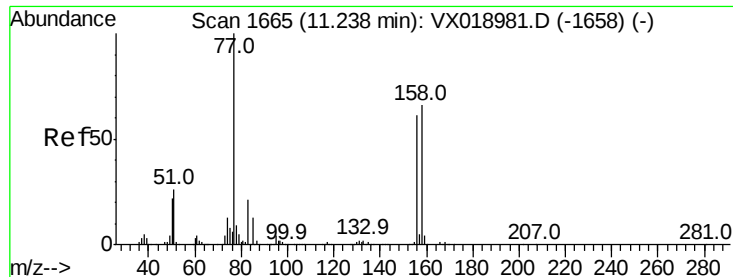
77 32.7 20.6 61.9



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 47.567 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX018984.D

Acq: 20 Oct 2020 19:13

Instrument :

MSVOA_X

ClientSampleId :

ICVVX102020

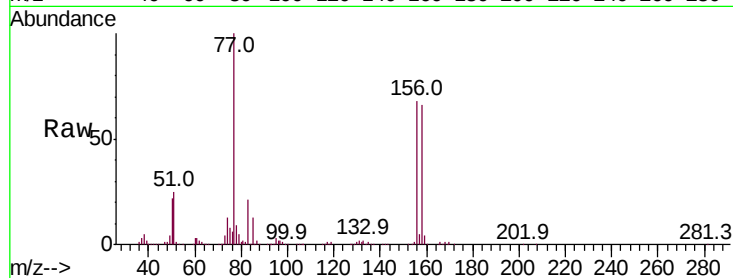
Tot Ion:156 Resp: 152452

Ion Ratio Lower Upper

156 100

77 147.0 78.5 235.3

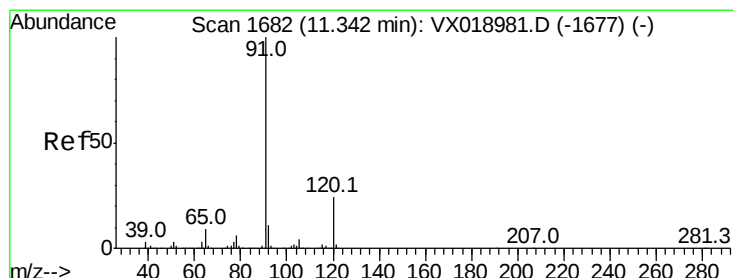
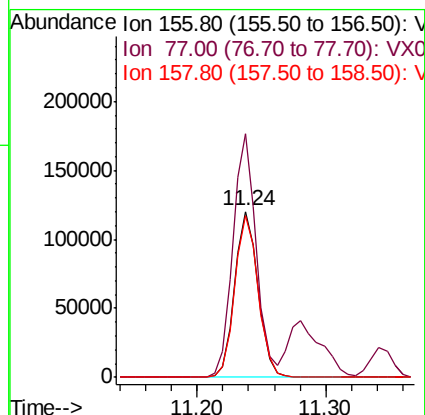
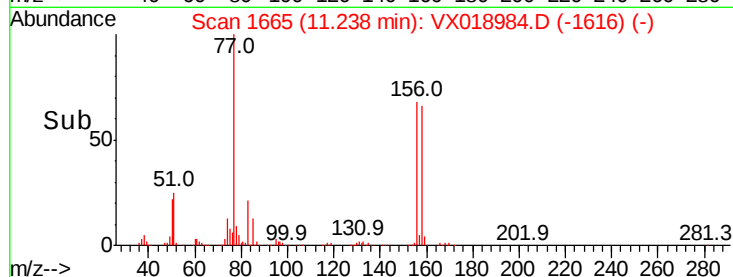
158 97.8 50.2 150.6



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 45.636 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. -0.00 min

Lab File: VX018984.D

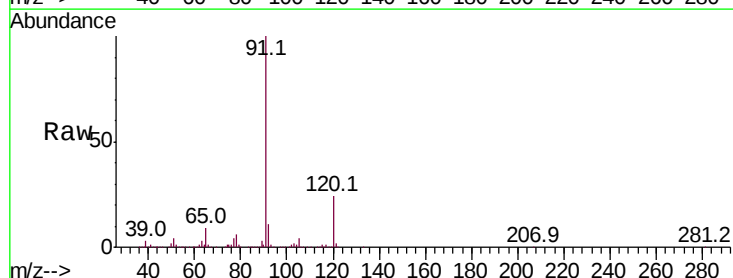
Acq: 20 Oct 2020 19:13

Tgt Ion: 91 Resp: 676351

Ion Ratio Lower Upper

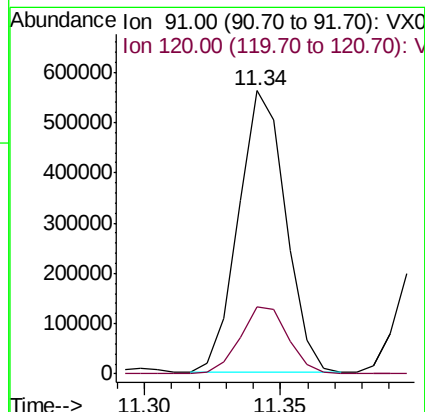
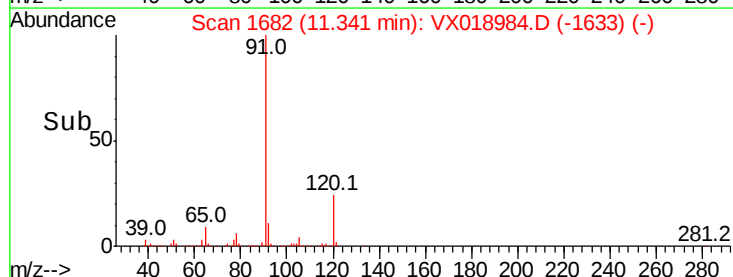
91 100

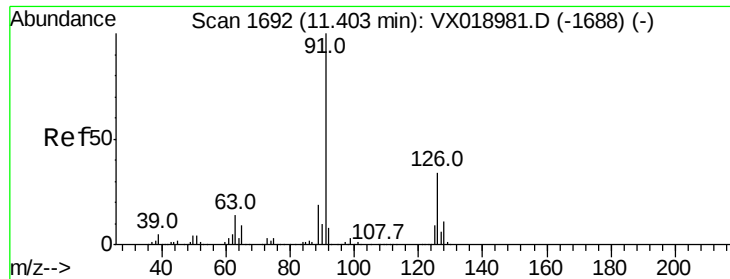
120 24.5 12.3 36.9



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 45.326 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. -0.00 min

Lab File: VX018984.D

Acq: 20 Oct 2020 19:13

Instrument :

MSVOA_X

ClientSampleId :

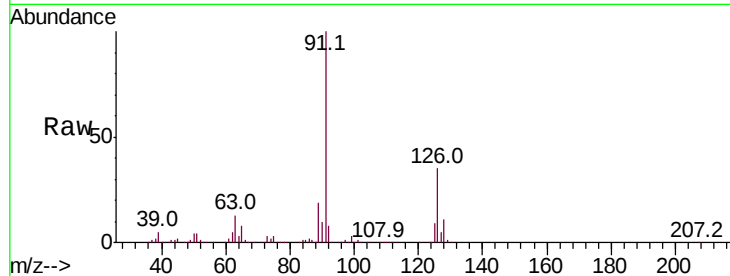
ICVVX102020

Tot Ion: 91 Resp: 396108

Ion Ratio Lower Upper

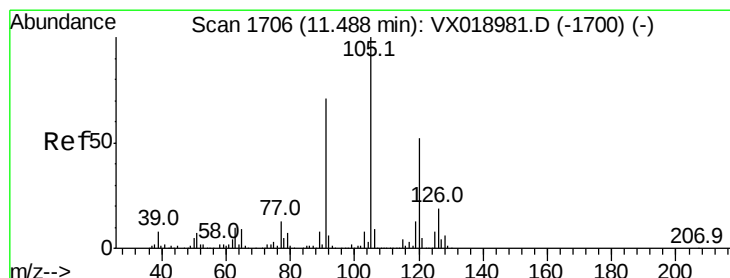
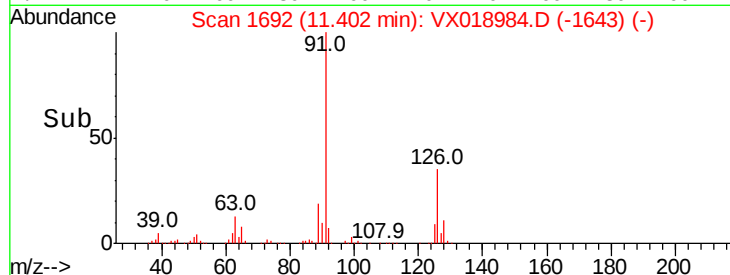
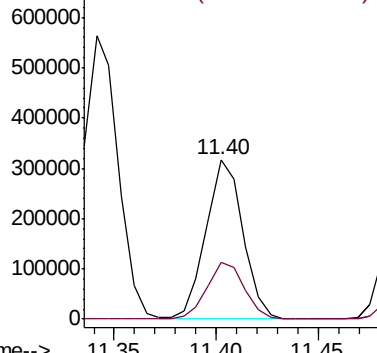
91 100

126 36.4 18.0 54.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 47.208 ug/l

RT: 11.49 min Scan# 1706

Delta R.T. -0.00 min

Lab File: VX018984.D

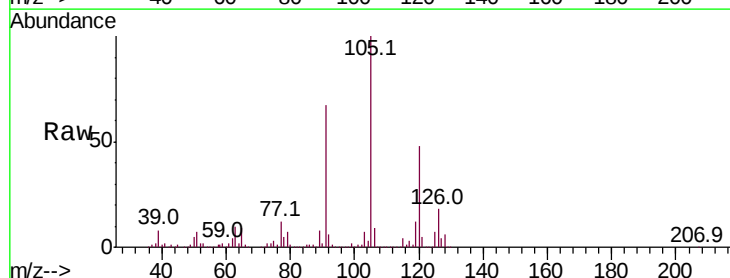
Acq: 20 Oct 2020 19:13

Tgt Ion:105 Resp: 523736

Ion Ratio Lower Upper

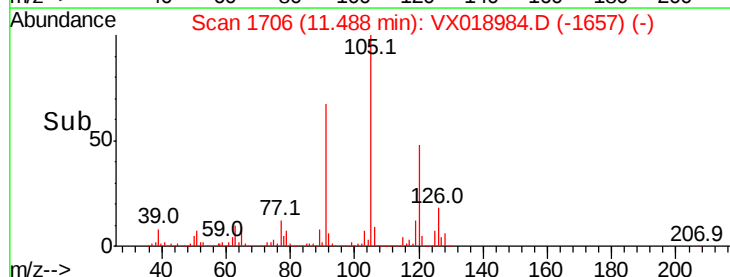
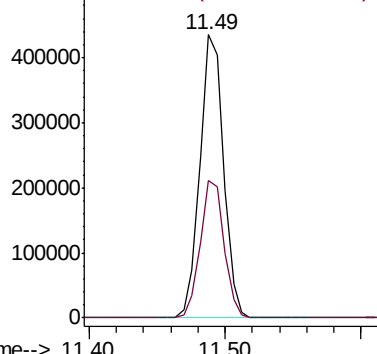
105 100

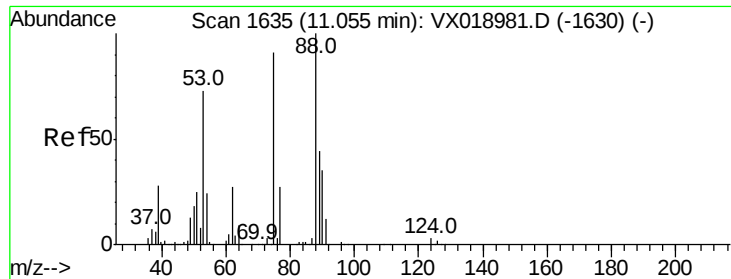
120 49.2 25.3 75.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 44.308 ug/l

RT: 11.05 min Scan# 1635

Delta R.T. -0.00 min

Lab File: VX018984.D

Acq: 20 Oct 2020 19:13

Instrument :

MSVOA_X

ClientSampleId :

ICVVX102020

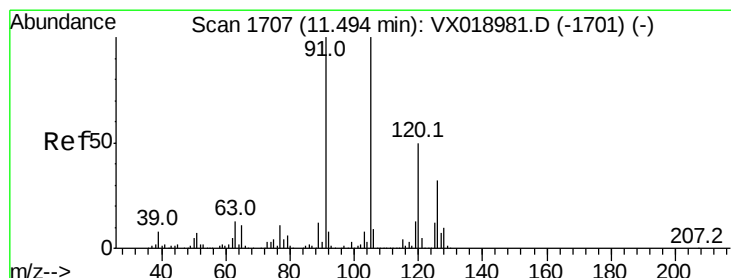
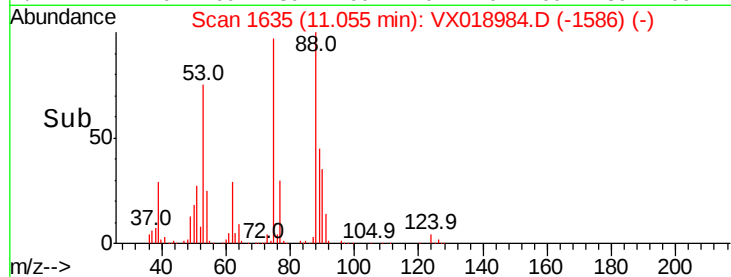
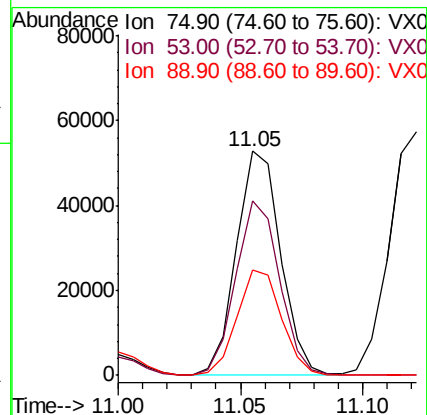
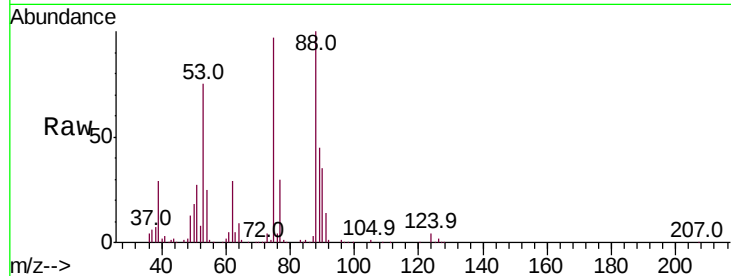
Tot Ion: 75 Resp: 65983

Ion Ratio Lower Upper

75 100

53 77.8 63.9 95.9

89 47.8 39.9 59.9



#82

4-Chlorotoluene

Concen: 45.040 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX018984.D

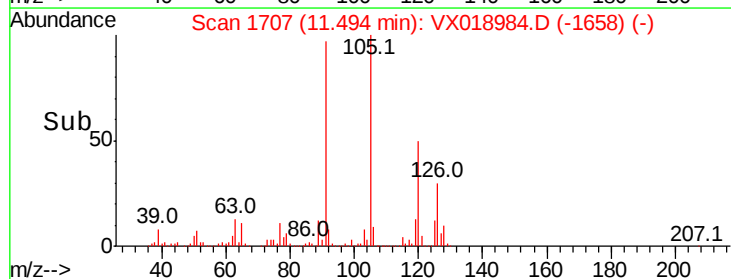
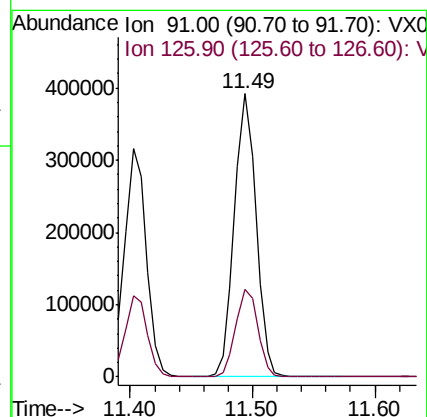
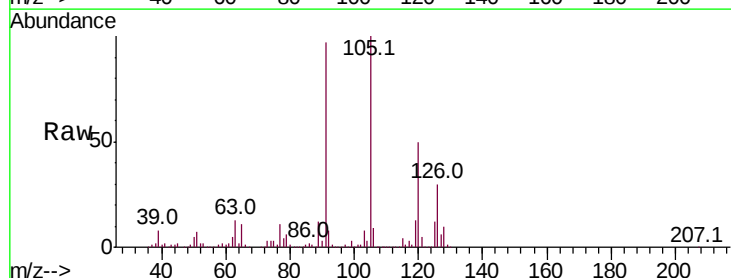
Acq: 20 Oct 2020 19:13

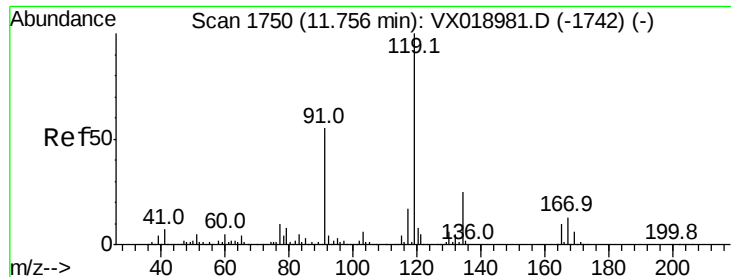
Tgt Ion: 91 Resp: 482796

Ion Ratio Lower Upper

91 100

126 31.6 15.9 47.6

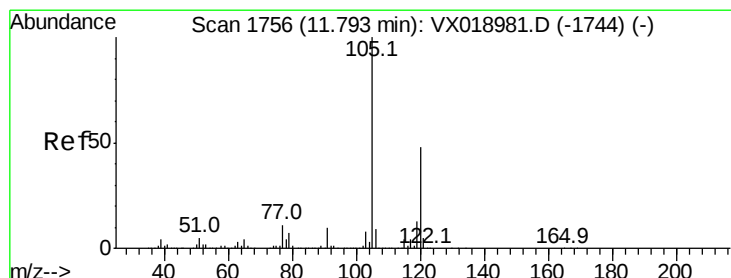
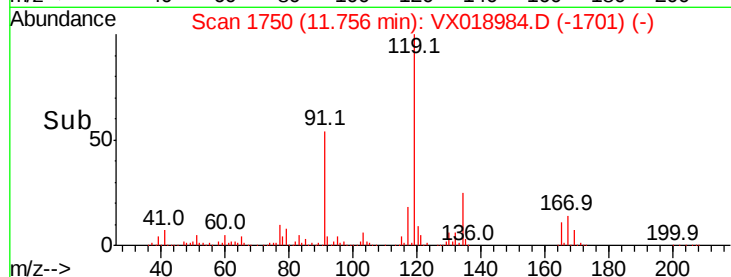
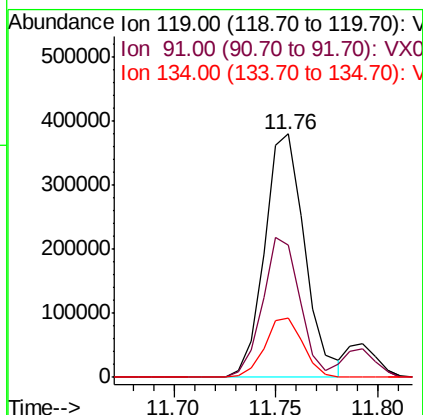
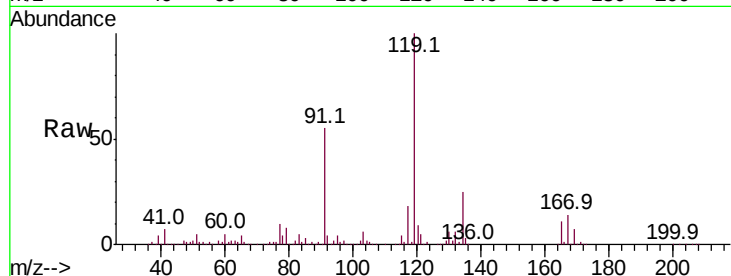




#83
tert-Butylbenzene
Concen: 48.241 ug/l
RT: 11.76 min Scan# 1750
Delta R.T. -0.00 min
Lab File: VX018984.D
Acq: 20 Oct 2020 19:13

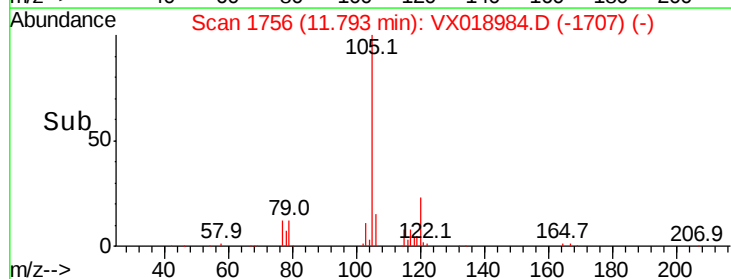
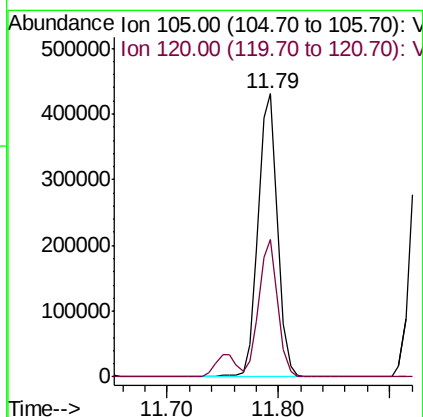
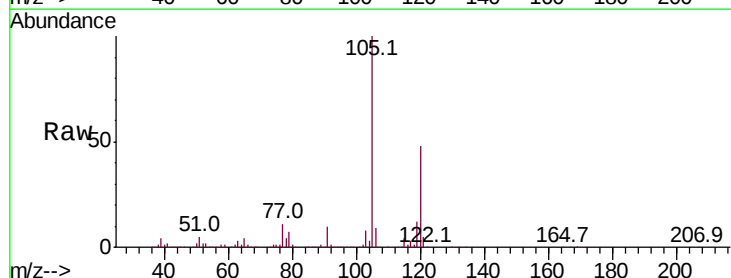
Instrument :
MSVOA_X
ClientSampleId :
ICVX102020

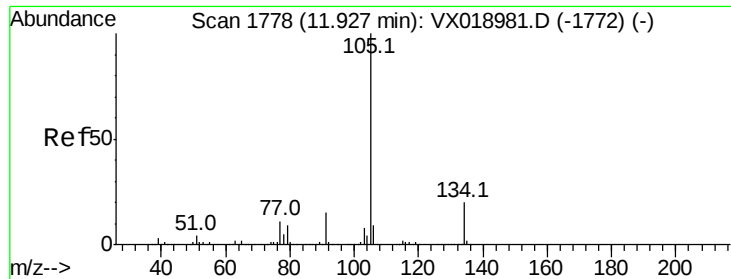
Tot Ion	Ratio	Lower	Upper
119	100		
91	53.5	27.5	82.4
134	23.1	11.9	35.7



#84
1,2,4-Trimethylbenzene
Concen: 46.980 ug/l
RT: 11.79 min Scan# 1756
Delta R.T. -0.00 min
Lab File: VX018984.D
Acq: 20 Oct 2020 19:13

Tgt Ion	Ratio	Lower	Upper
105	100		
120	46.8	23.3	69.8

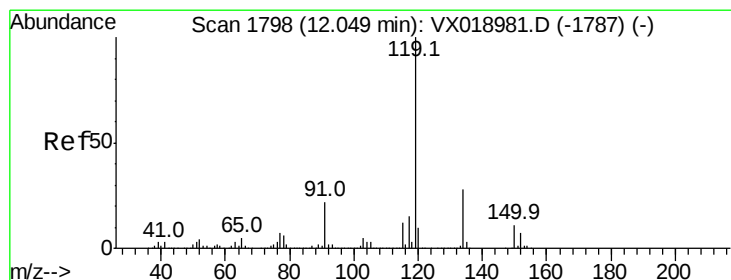
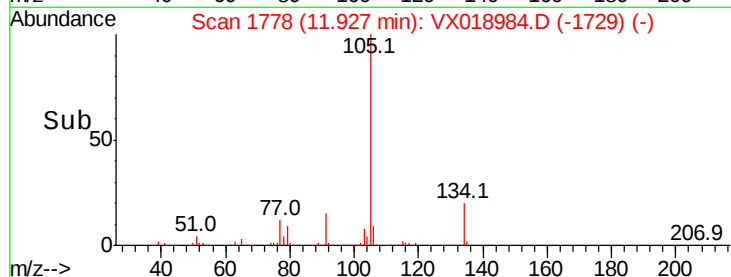
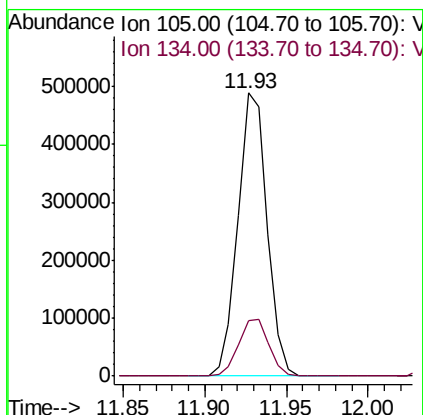
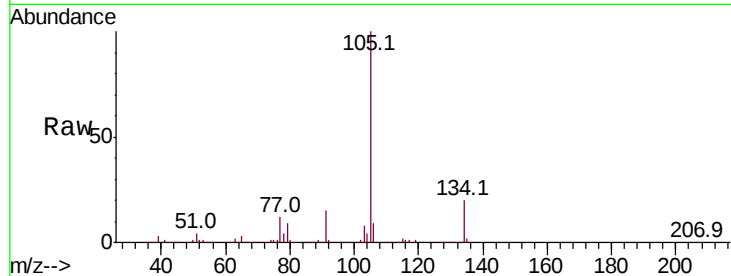




#85
 sec-Butylbenzene
 Concen: 47.131 ug/l
 RT: 11.93 min Scan# 1778
 Delta R.T. -0.00 min
 Lab File: VX018984.D
 Acq: 20 Oct 2020 19:13

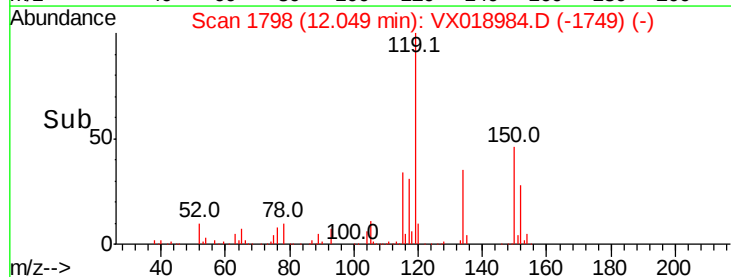
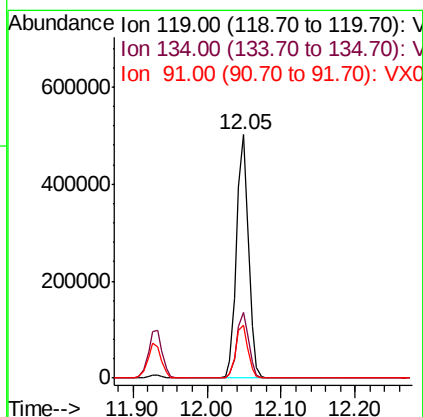
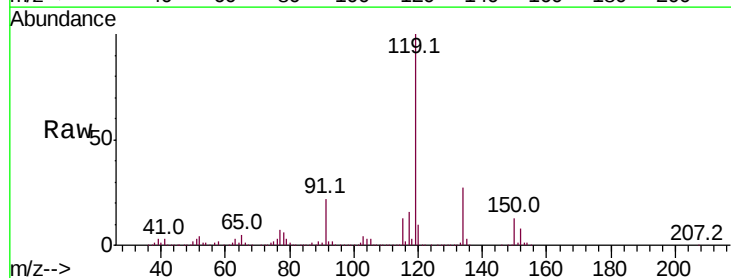
Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX102020

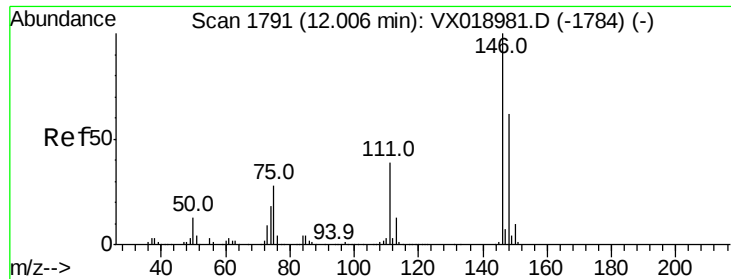
Tot Ion:105 Resp: 608781
 Ion Ratio Lower Upper
 105 100
 134 20.9 10.5 31.6



#86
 p-Isopropyltoluene
 Concen: 47.194 ug/l
 RT: 12.05 min Scan# 1798
 Delta R.T. -0.00 min
 Lab File: VX018984.D
 Acq: 20 Oct 2020 19:13

Tgt Ion:119 Resp: 573301
 Ion Ratio Lower Upper
 119 100
 134 27.0 13.5 40.5
 91 22.2 11.0 33.0





#87

1,3-Dichlorobenzene

Concen: 47.504 ug/l

RT: 12.01 min Scan# 1791

Delta R.T. -0.00 min

Lab File: VX018984.D

Acq: 20 Oct 2020 19:13

Instrument :

MSVOA_X

ClientSampleId :

ICVVX102020

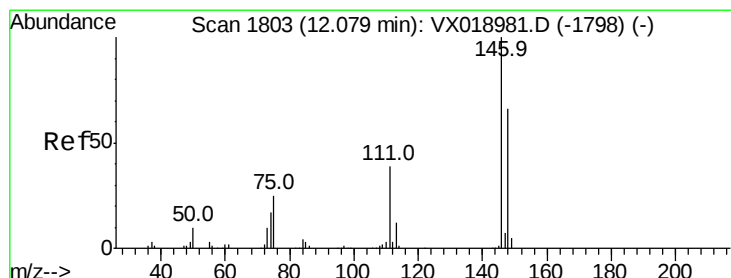
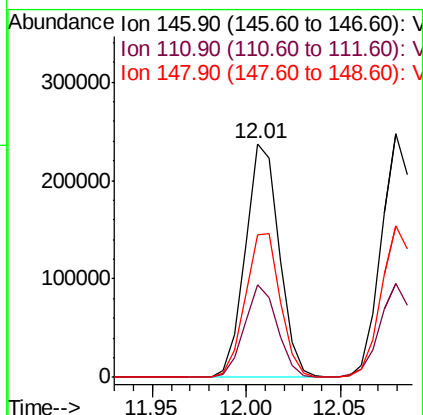
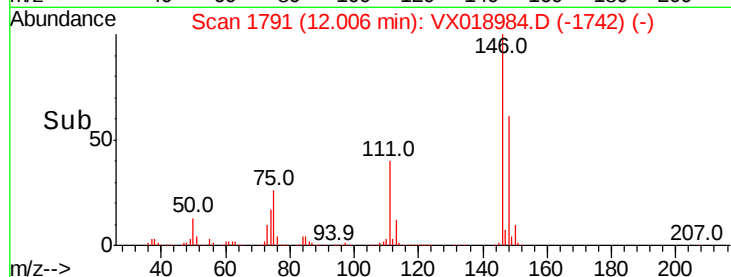
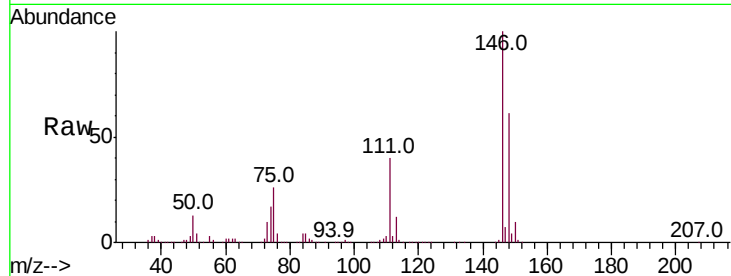
Tot Ion:146 Resp: 296463

Ion Ratio Lower Upper

146 100

111 38.9 19.8 59.4

148 63.5 31.9 95.7



#88

1,4-Dichlorobenzene

Concen: 47.268 ug/l

RT: 12.08 min Scan# 1803

Delta R.T. -0.00 min

Lab File: VX018984.D

Acq: 20 Oct 2020 19:13

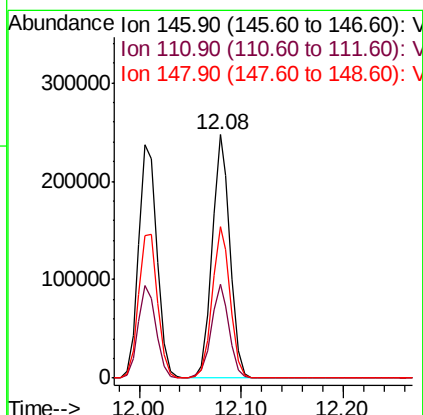
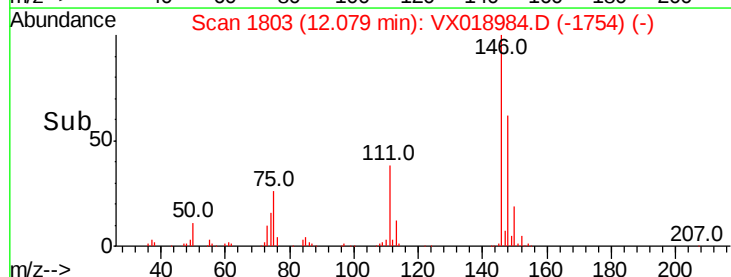
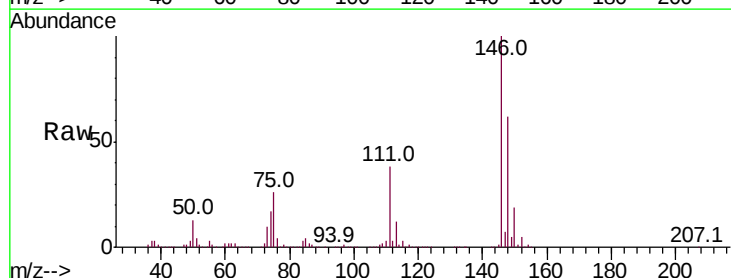
Tgt Ion:146 Resp: 304725

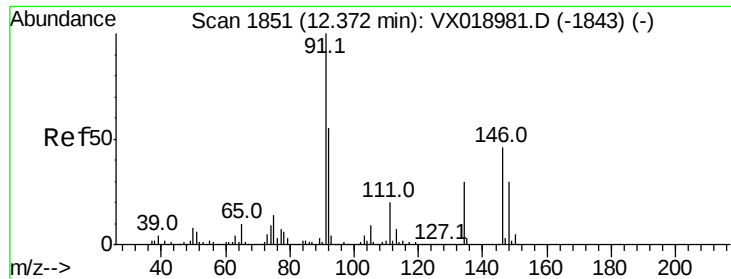
Ion Ratio Lower Upper

146 100

111 38.5 19.3 57.9

148 62.7 32.6 98.0

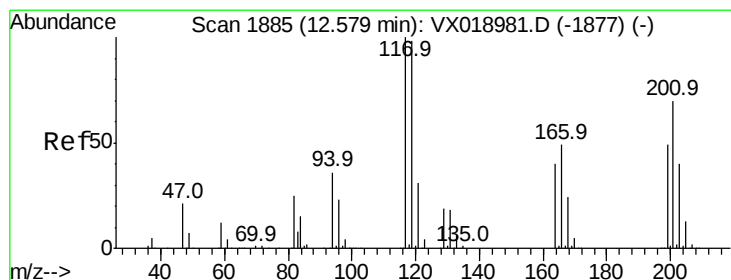
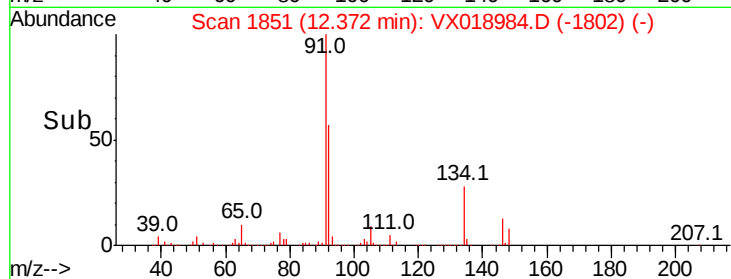
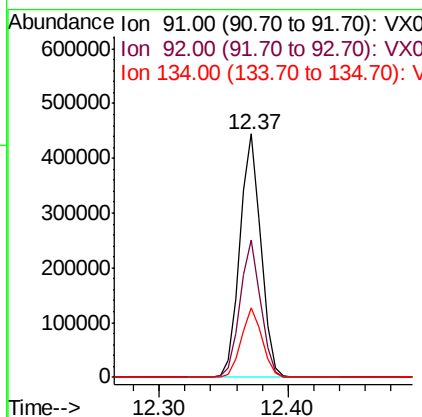
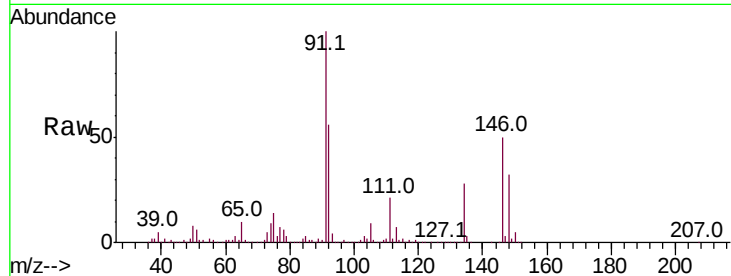




#89
n-Butylbenzene
Concen: 44.363 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. -0.00 min
Lab File: VX018984.D
Acq: 20 Oct 2020 19:13

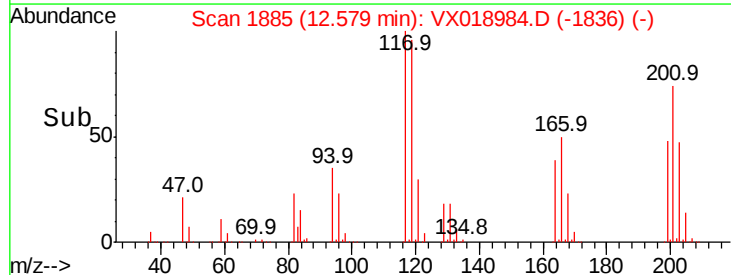
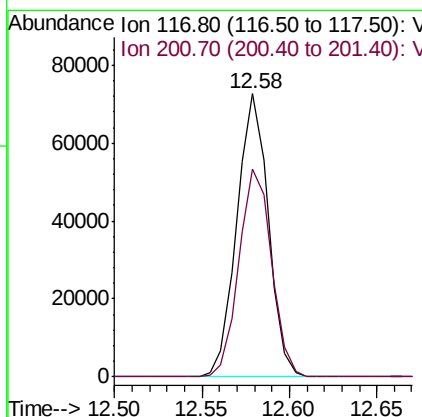
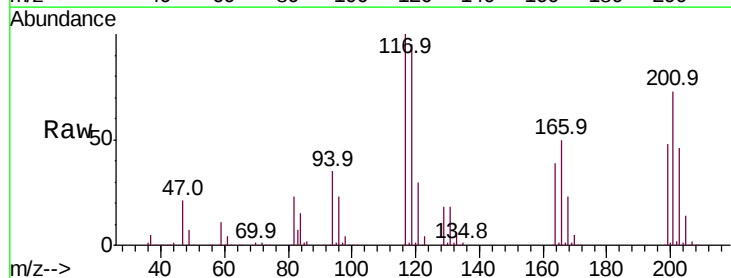
Instrument :
MSVOA_X
ClientSampleId :
ICVVX102020

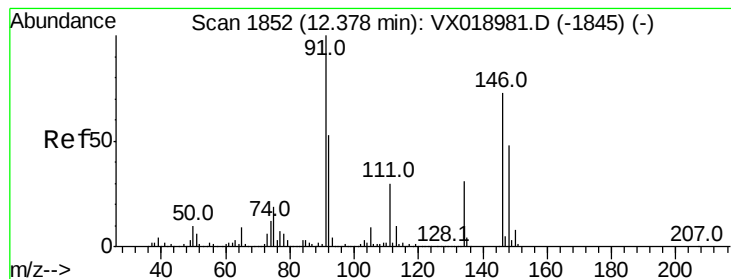
Tot Ion: 91 Resp: 503416
Ion Ratio Lower Upper
91 100
92 55.6 27.2 81.6
134 28.2 14.2 42.8



#90
Hexachloroethane
Concen: 47.663 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX018984.D
Acq: 20 Oct 2020 19:13

Tgt Ion: 117 Resp: 90780
Ion Ratio Lower Upper
117 100
201 76.1 36.1 108.5





#91

1,2-Dichlorobenzene

Concen: 47.963 ug/l

RT: 12.37 min Scan# 1851

Delta R.T. -0.01 min

Lab File: VX018984.D

Acq: 20 Oct 2020 19:13

Instrument :

MSVOA_X

ClientSampleId :

ICVX102020

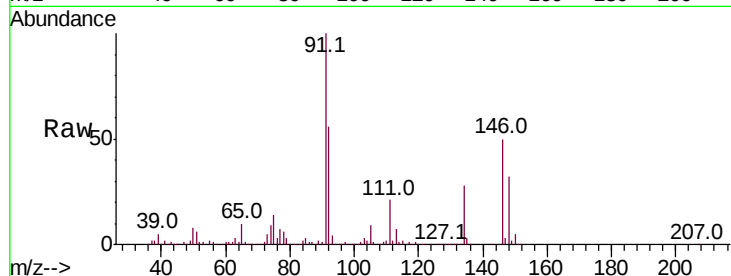
Tot Ion:146 Resp: 290648

Ion Ratio Lower Upper

146 100

111 40.0 20.8 62.5

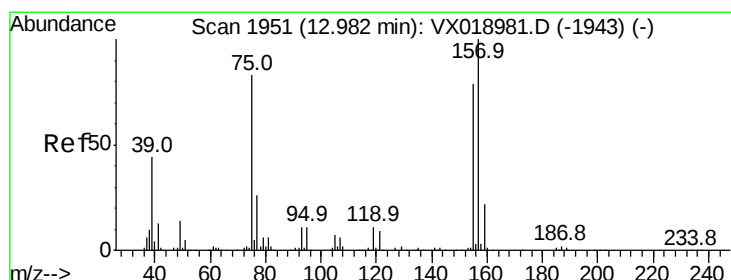
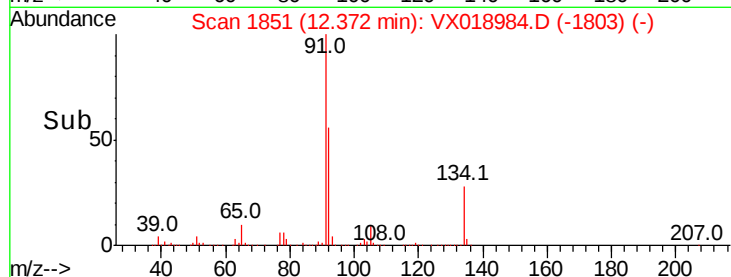
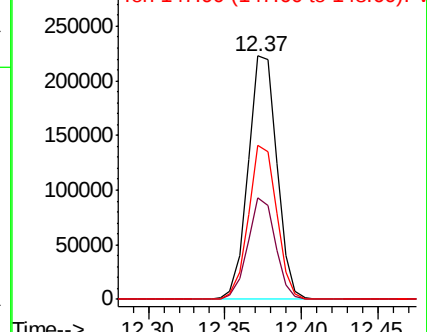
148 62.5 32.5 97.4



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 44.732 ug/l

RT: 12.98 min Scan# 1951

Delta R.T. -0.00 min

Lab File: VX018984.D

Acq: 20 Oct 2020 19:13

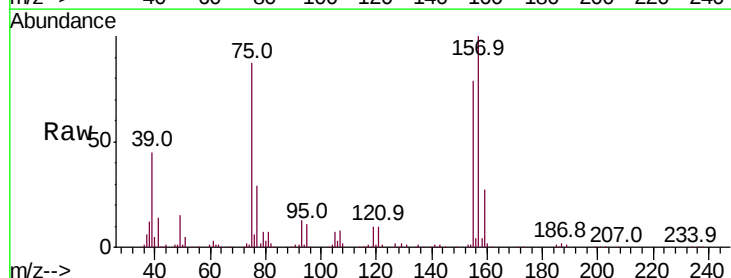
Tgt Ion: 75 Resp: 47700

Ion Ratio Lower Upper

75 100

155 97.1 47.6 142.9

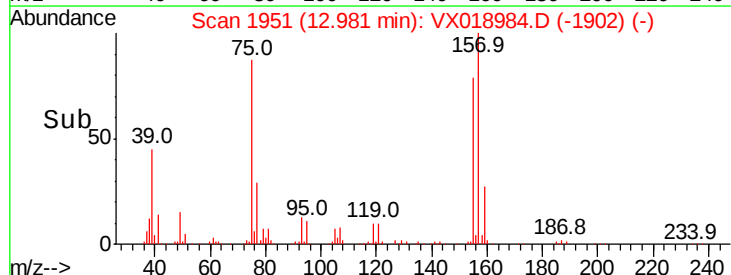
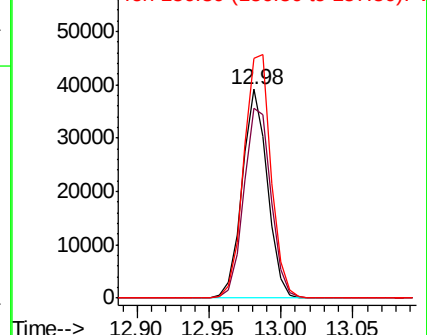
157 124.6 62.7 188.1

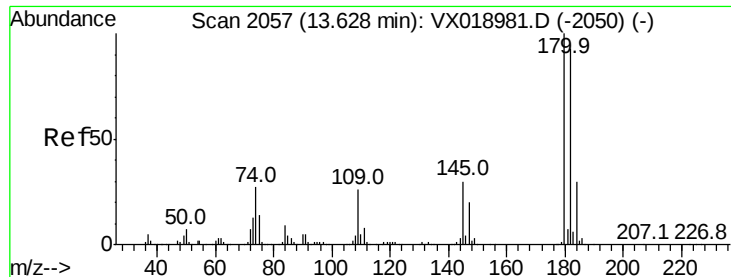


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

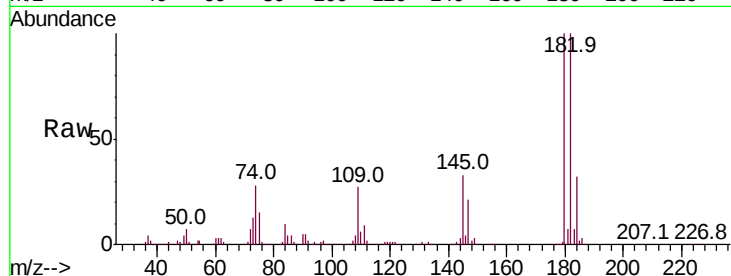




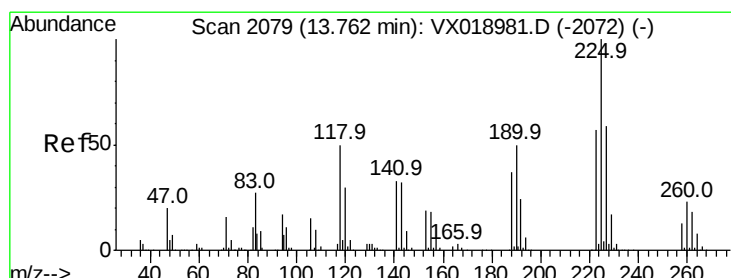
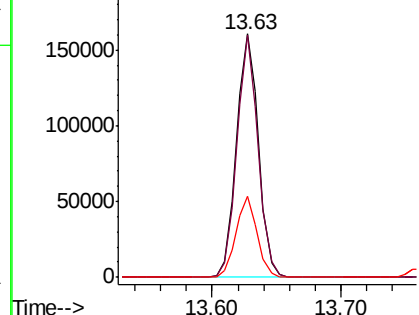
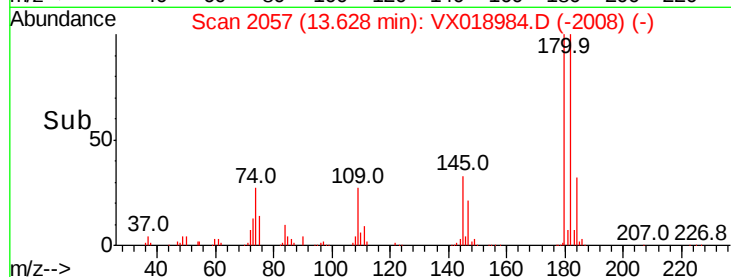
#93
 1,2,4-Trichlorobenzene
 Concen: 45.223 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. -0.00 min
 Lab File: VX018984.D
 Acq: 20 Oct 2020 19:13

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX102020

Tot Ion:180 Resp: 191973
 Ion Ratio Lower Upper
 180 100
 182 95.7 46.6 139.7
 145 31.9 15.7 47.1

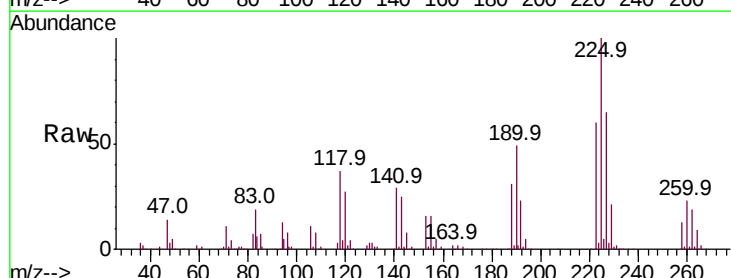


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

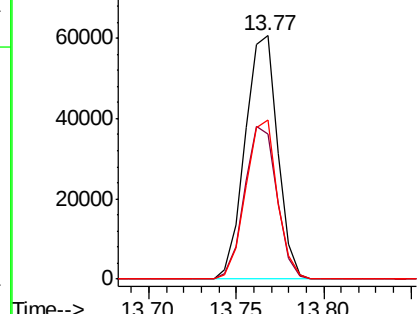
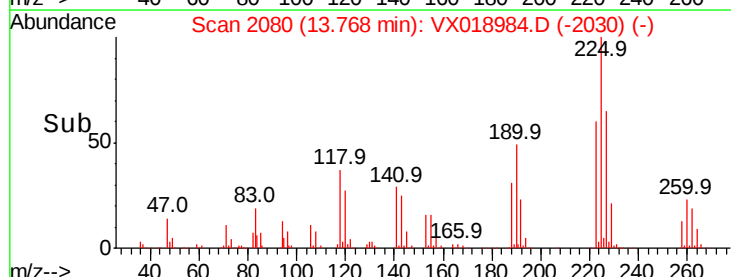


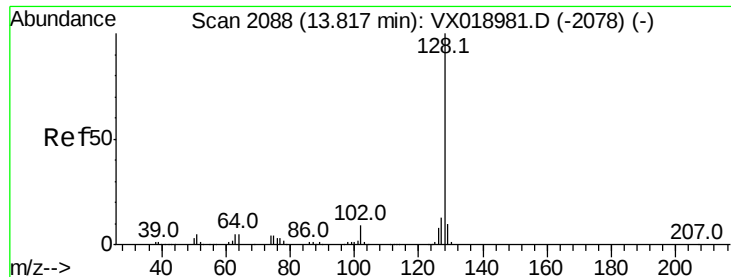
#94
 Hexachlorobutadiene
 Concen: 45.529 ug/l
 RT: 13.77 min Scan# 2080
 Delta R.T. 0.01 min
 Lab File: VX018984.D
 Acq: 20 Oct 2020 19:13

Tgt Ion:225 Resp: 78475
 Ion Ratio Lower Upper
 225 100
 223 62.5 29.4 88.3
 227 63.1 30.6 92.0



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V

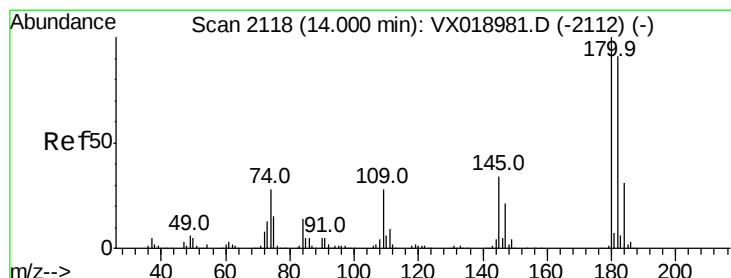
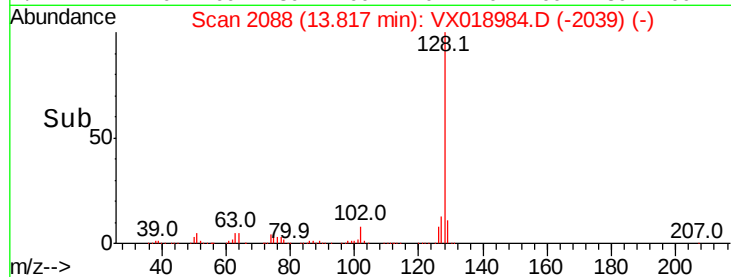
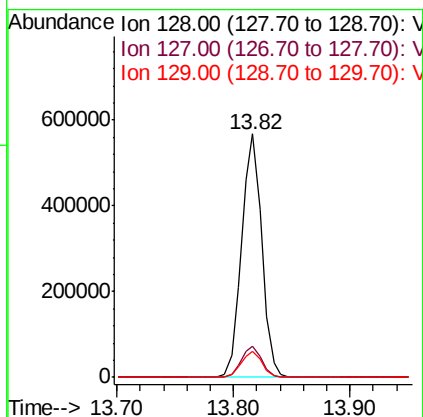
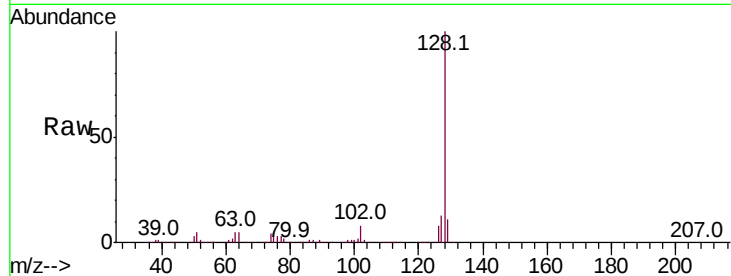




#95
Naphthalene
Concen: 48.438 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. -0.00 min
Lab File: VX018984.D
Acq: 20 Oct 2020 19:13

Instrument :
MSVOA_X
ClientSampleId :
ICVVX102020

Tot Ion:128 Resp: 686117
Ion Ratio Lower Upper
128 100
127 12.9 10.3 15.5
129 10.8 8.6 12.8



#96
1,2,3-Trichlorobenzene
Concen: 48.334 ug/l
RT: 14.00 min Scan# 2118
Delta R.T. -0.00 min
Lab File: VX018984.D
Acq: 20 Oct 2020 19:13

Tgt Ion:180 Resp: 193744
Ion Ratio Lower Upper
180 100
182 92.9 47.8 143.4
145 32.3 17.0 51.0

