

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX070920\
 Data File : VX017303.D
 Acq On : 09 Jul 2020 13:21
 Operator : JC/SP
 Sample : VSTDICV020
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX070920

Quant Time: Jul 10 06:36:42 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X070920W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Jul 09 12:25:06 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	4.98	128	61808	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.83	114	318558	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.10	117	298714	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.03	65	130356	29.34	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	97.80%
60) 4-Bromofluorobenzene	11.12	95	149377	29.31	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	97.70%
63) Toluene-d8	8.70	98	386661	30.60	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	102.00%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.18	85	61279	22.680	ug/l 100
3) Chloromethane	1.31	50	66120	22.971	ug/l 99
4) Vinyl Chloride	1.39	62	66661	22.475	ug/l 98
5) Bromomethane	1.64	94	46650	23.598	ug/l 98
6) Chloroethane	1.71	64	42149	21.492	ug/l 100
7) Trichlorofluoromethane	1.92	101	119462	22.674	ug/l 99
8) Diethyl Ether	2.17	74	40826	21.842	ug/l 100
9) 1,1,2-Trichlorotrifluoroet	2.37	101	62959	21.854	ug/l 100
10) 1,1-Dichloroethene	2.35	96	59205	20.845	ug/l 97
11) Methyl Iodide	2.49	142	65697	19.644	ug/l 95
12) Methyl Acetate	2.75	43	82447	20.833	ug/l 98
13) Acrolein	2.27	56	50185	98.059	ug/l 99
14) Acrylonitrile	3.11	53	183667	102.859	ug/l 99
15) Acetone	2.42	58	44426	98.652	ug/l 95
16) Carbon Disulfide	2.55	76	173477	22.518	ug/l 98
17) Allyl chloride	2.71	41	113087	21.402	ug/l 97
18) Methylene Chloride	2.84	84	73984	21.149	ug/l 98
19) trans-1,2-Dichloroethene	3.14	96	71208	21.443	ug/l 91
20) Diisopropyl ether	3.82	45	229676	21.741	ug/l 92
21) 1,1-Dichloroethane	3.67	63	126830	21.419	ug/l 97
22) cis-1,2-Dichloroethene	4.56	96	80690	21.298	ug/l 97
23) tert-Butyl Alcohol	3.01	59	73093	99.202	ug/l # 100
24) Methyl tert-Butyl Ether	3.17	73	230965	21.300	ug/l 99
25) Chloroform	5.17	83	135168	21.424	ug/l 95
26) Cyclohexane	5.54	56	105073	22.777	ug/l # 99
29) 1,1-Dichloropropene	5.77	75	97991	22.307	ug/l 98
30) 2-Butanone	4.63	43	248778	103.536	ug/l 99
31) 2,2-Dichloropropane	4.54	77	121837	22.138	ug/l 99
32) 1,1,1-Trichloroethane	5.46	97	125781	21.992	ug/l 98
33) Carbon Tetrachloride	5.75	117	114283	21.669	ug/l 95
34) Benzene	6.11	78	282441	21.608	ug/l 98
35) Methacrylonitrile	5.00	41	56213	20.895	ug/l 93
36) 1,2-Dichloroethane	6.16	62	109914	21.351	ug/l 99
37) Trichloroethene	7.18	130	85120	21.651	ug/l 99
38) Methylcyclohexane	7.44	83	107972	23.324	ug/l 98
39) 1,2-Dichloropropane	7.49	63	73714	21.582	ug/l 96
40) Dibromomethane	7.63	93	51457	20.912	ug/l 97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Bromodichloromethane	7.87	83	109318	21.288	ug/l	97
42) Vinyl Acetate	3.78	43	984702	107.237	ug/l	99
43) Ethyl Acetate	4.79	43	98136	20.764	ug/l	99
44) Isopropyl Acetate	6.41	43	163499	20.792	ug/l	99
45) 1,4-Dioxane	7.71	88	29679	395.949	ug/l	94
46) Methyl methacrylate	7.74	41	76545	19.982	ug/l	98
47) n-amyl Acetate	10.88	43	139008	19.964	ug/l	100
48) t-1,3-Dichloropropene	9.02	75	117812	20.781	ug/l	99
49) cis-1,3-Dichloropropene	8.41	75	127029	21.413	ug/l	98
50) 1,1,2-Trichloroethane	9.20	97	74980	20.569	ug/l	99
51) Ethyl methacrylate	9.16	69	109216	20.564	ug/l	96
52) 1,3-Dichloropropane	9.35	76	125183	21.082	ug/l	99
53) Dibromochloromethane	9.56	129	90775	20.400	ug/l	97
54) 1,2-Dibromoethane	9.65	107	79402	20.371	ug/l	100
55) 2-Chloroethyl vinyl ether	8.29	63	249932	99.367	ug/l	99
56) Bromoform	10.84	173	68816	19.825	ug/l	99
58) 4-Methyl-2-Pentanone	8.62	43	502236	106.110	ug/l	100
59) 2-Hexanone	9.47	43	377990	104.760	ug/l	99
61) Tetrachloroethene	9.32	164	85934	22.583	ug/l	98
62) Toluene	8.76	91	308459	21.813	ug/l	98
64) Chlorobenzene	10.12	112	203529	21.572	ug/l	98
65) 1,1,1,2-Tetrachloroethane	10.20	131	81609	21.170	ug/l	98
66) Ethyl Benzene	10.23	91	348104	21.874	ug/l	99
67) m/p-Xylenes	10.34	106	269985	43.915	ug/l	98
68) o-Xylene	10.68	106	125118	21.416	ug/l	98
69) Styrene	10.69	104	217207	20.964	ug/l	99
70) Isopropylbenzene	11.00	105	349490	21.808	ug/l	100
71) 1,1,2,2-Tetrachloroethane	11.25	83	106944	21.278	ug/l	99
72) 1,2,3-Trichloropropane	11.28	75	134804	27.305	ug/l	92
73) Bromobenzene	11.24	156	96592	21.453	ug/l	98
74) n-propylbenzene	11.34	91	403760	21.748	ug/l	98
75) 2-Chlorotoluene	11.40	91	245170	21.663	ug/l	100
76) 1,3,5-Trimethylbenzene	11.49	105	299369	21.774	ug/l	100
77) t-1,4-Dichloro-2-butene	11.05	75	39307	20.880	ug/l	93
78) 4-Chlorotoluene	11.49	91	288089	21.472	ug/l	100
79) tert-butylbenzene	11.76	119	290740	21.792	ug/l	99
80) 1,2,4-Trimethylbenzene	11.79	105	302487	21.807	ug/l	100
81) sec-Butylbenzene	11.93	105	338394	22.005	ug/l	100
82) p-Isopropyltoluene	12.05	119	322949	22.209	ug/l	99
83) 1,3-Dichlorobenzene	12.01	146	174440	21.528	ug/l	100
84) 1,4-Dichlorobenzene	12.08	146	177590	21.660	ug/l	97
85) n-Butylbenzene	12.37	91	273182	22.234	ug/l	99
86) Hexachloroethane	12.58	117	60426	21.480	ug/l	99
87) 1,2-Dichlorobenzene	12.37	146	164965	21.290	ug/l	97
88) 1,2-Dibromo-3-Chloropropan	12.98	75	24589	20.193	ug/l	99
89) 1,2,4-Trichlorobenzene	13.63	180	113659	21.628	ug/l	96
90) Hexachlorobutadiene	13.77	225	47540	22.551	ug/l	98
91) Naphthalene	13.82	128	336466	20.883	ug/l	99
92) 1,2,3-Trichlorobenzene	14.00	180	110010	21.047	ug/l	98

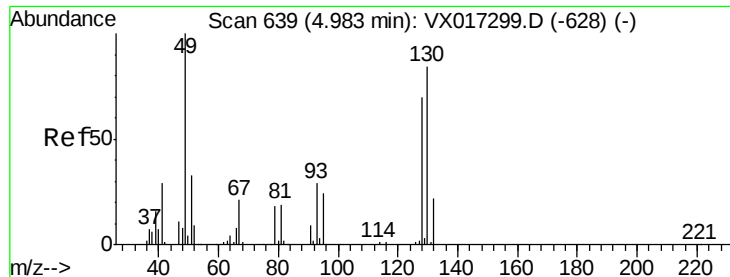
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 4.98 min Scan# 638

Delta R.T. -0.01 min

Lab File: VX017303.D

Acq: 09 Jul 2020 13:21

Instrument :

MSVOA_X

ClientSampleId :

ICVVX070920

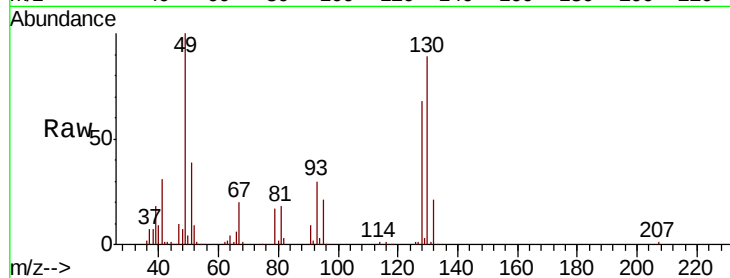
Tot Ion:128 Resp: 61808

Ion Ratio Lower Upper

128 100

49 145.1 0.0 358.8

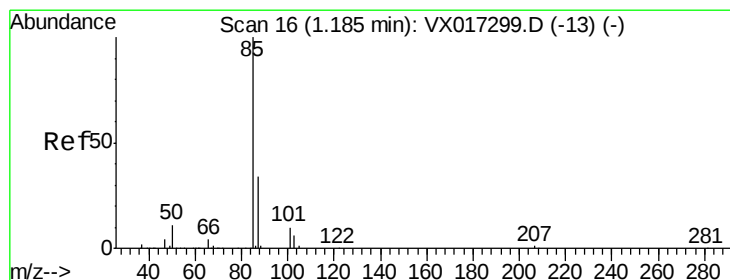
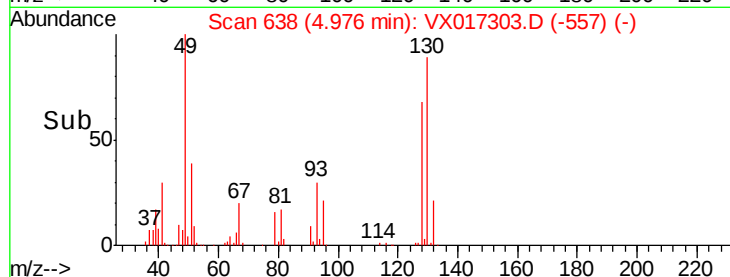
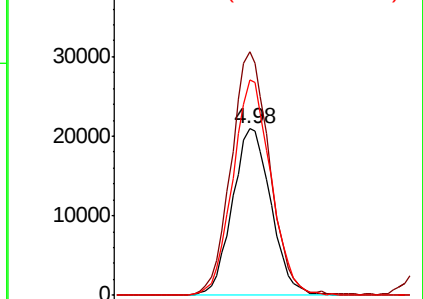
130 128.2 0.0 323.8



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 49.00 (48.70 to 49.70): VX0

Ion 130.00 (129.70 to 130.70): V



#2

Dichlorodifluoromethane

Concen: 22.680 ug/l

RT: 1.18 min Scan# 16

Delta R.T. -0.00 min

Lab File: VX017303.D

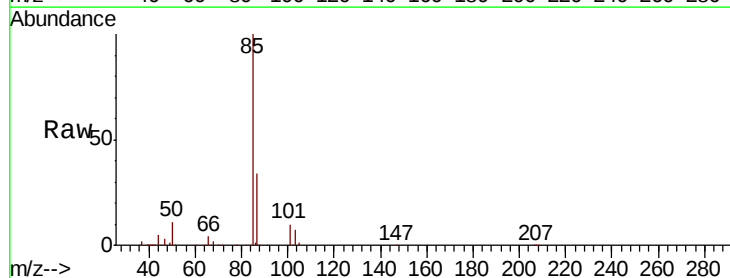
Acq: 09 Jul 2020 13:21

Tgt Ion: 85 Resp: 61279

Ion Ratio Lower Upper

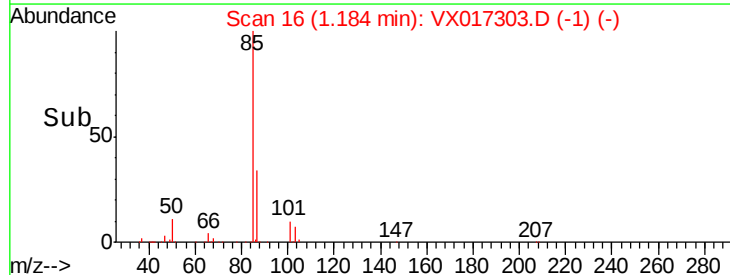
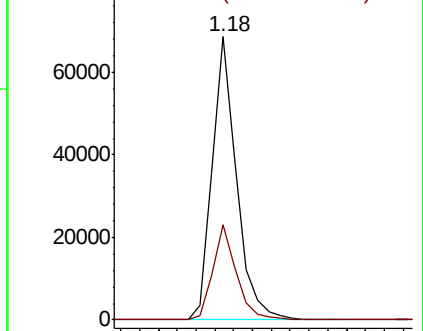
85 100

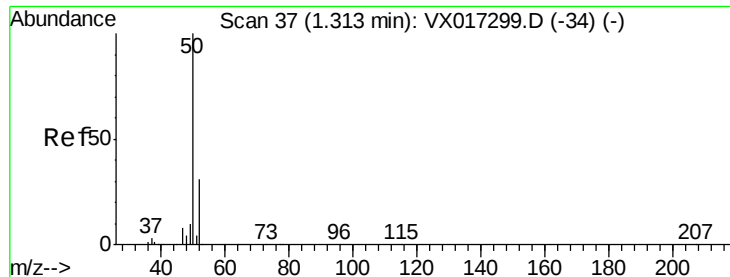
87 33.6 16.9 50.6



Abundance Ion 85.00 (84.70 to 85.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

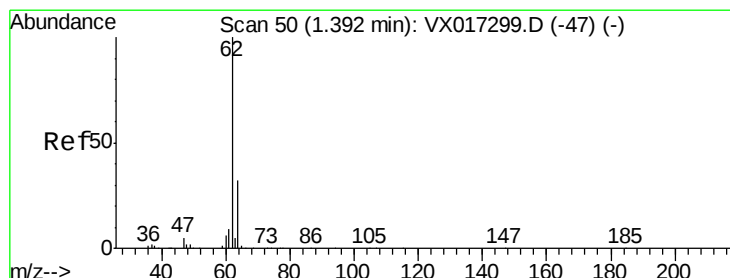
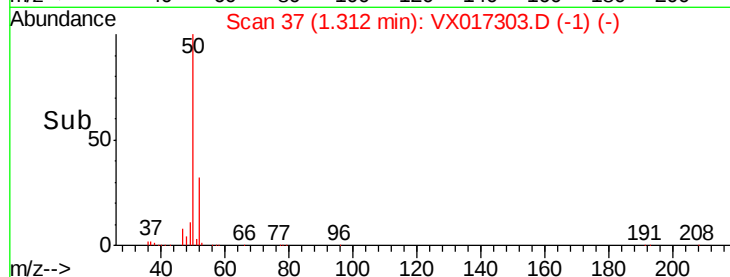
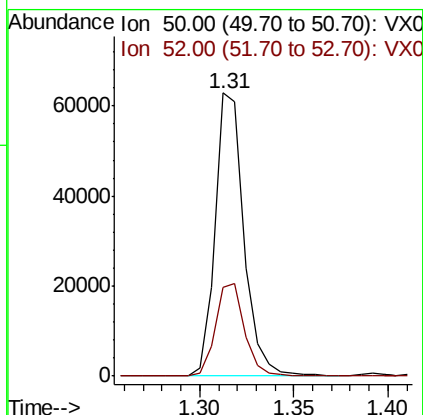
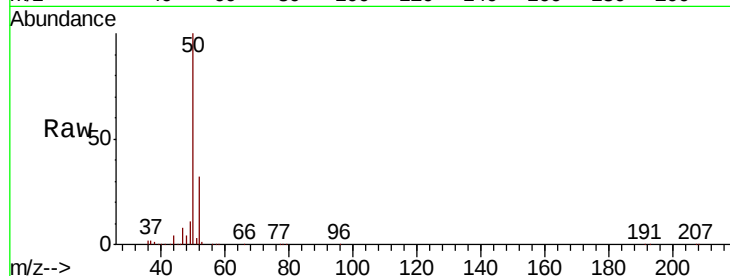




#3
Chloromethane
Concen: 22.971 ug/l
RT: 1.31 min Scan# 37
Delta R.T. -0.00 min
Lab File: VX017303.D
Acq: 09 Jul 2020 13:21

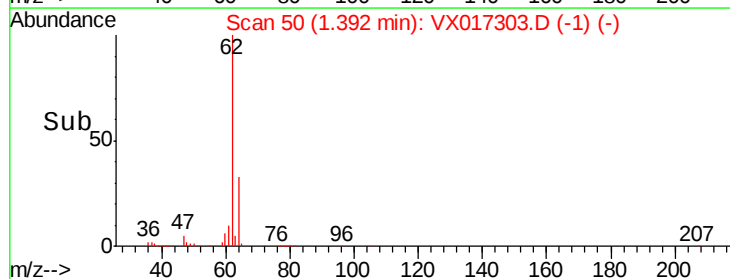
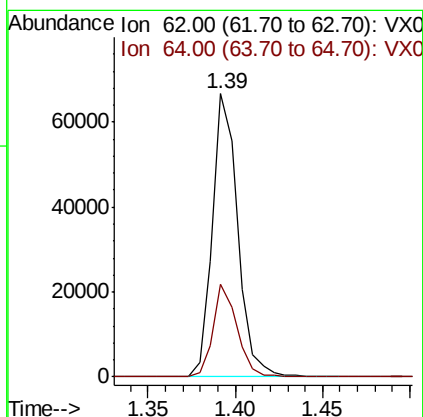
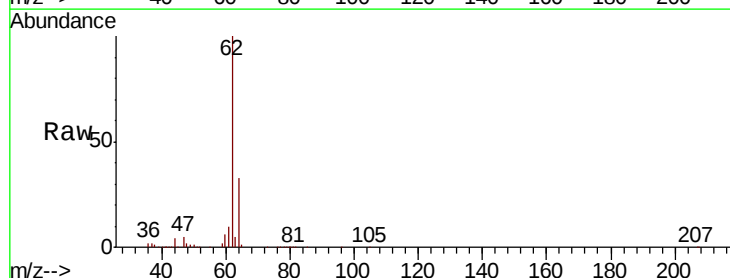
Instrument :
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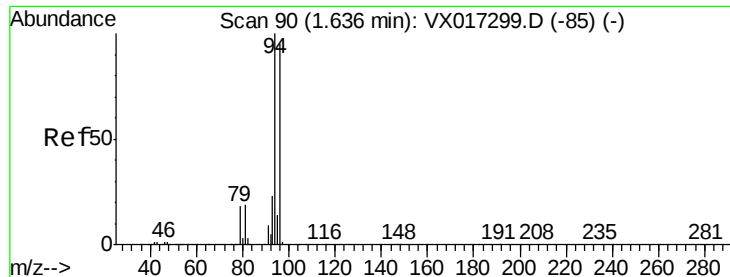
Tot Ion: 50 Resp: 66120
Ion Ratio Lower Upper
50 100
52 31.5 24.8 37.2



#4
Vinyl Chloride
Concen: 22.475 ug/l
RT: 1.39 min Scan# 50
Delta R.T. -0.00 min
Lab File: VX017303.D
Acq: 09 Jul 2020 13:21

Tgt Ion: 62 Resp: 66661
Ion Ratio Lower Upper
62 100
64 32.6 25.3 37.9





#5

Bromomethane

Concen: 23.598 ug/l

RT: 1.64 min Scan# 90

Delta R.T. -0.00 min

Lab File: VX017303.D

Acq: 09 Jul 2020 13:21

Instrument :

MSVOA_X

ClientSampleId :

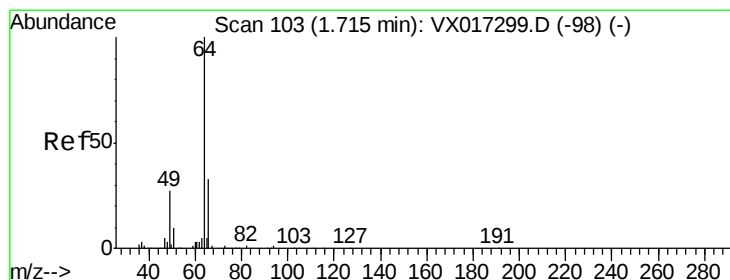
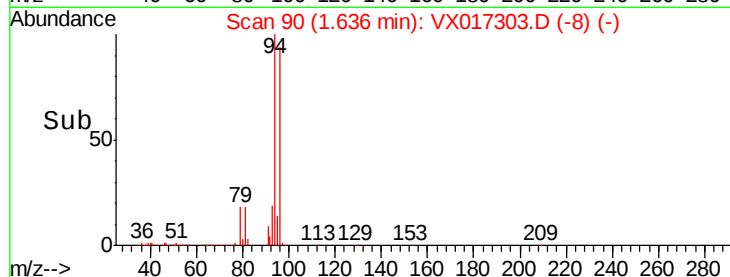
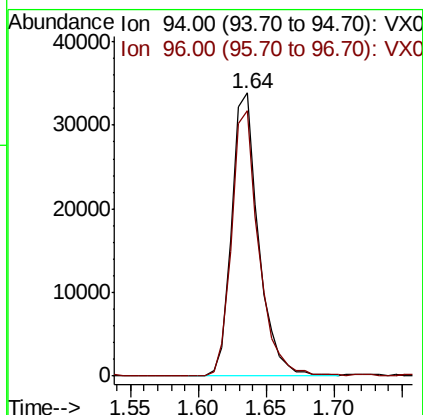
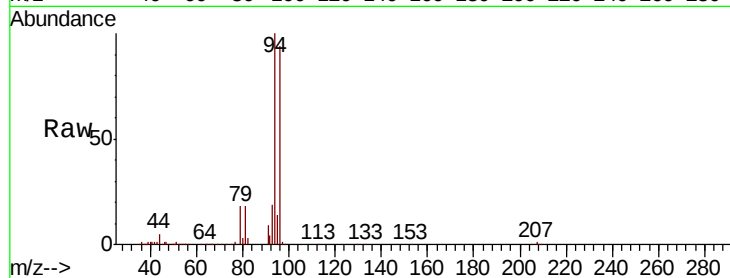
ICVVX070920

Tot Ion: 94 Resp: 46650

Ion Ratio Lower Upper

94 100

96 93.1 75.7 113.5



#6

Chloroethane

Concen: 21.492 ug/l

RT: 1.71 min Scan# 103

Delta R.T. -0.00 min

Lab File: VX017303.D

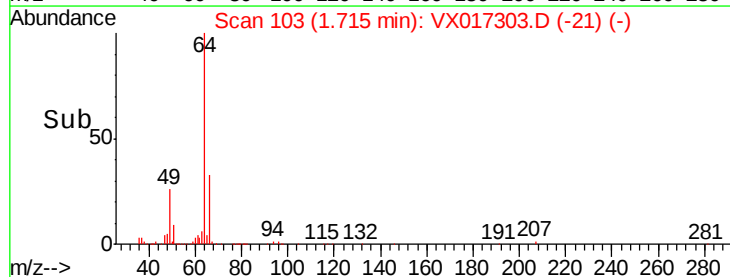
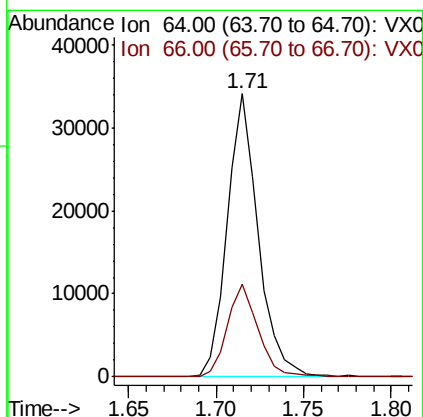
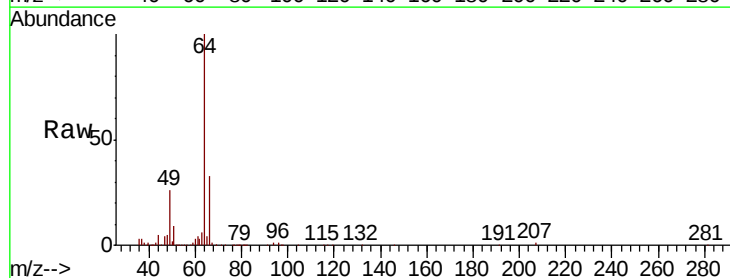
Acq: 09 Jul 2020 13:21

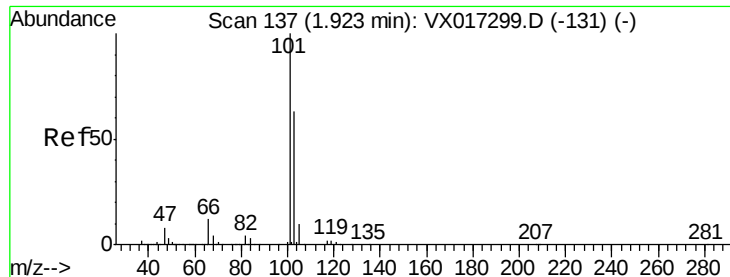
Tgt Ion: 64 Resp: 42149

Ion Ratio Lower Upper

64 100

66 32.8 26.1 39.1



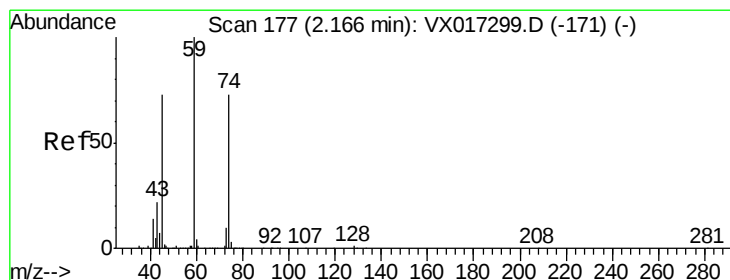
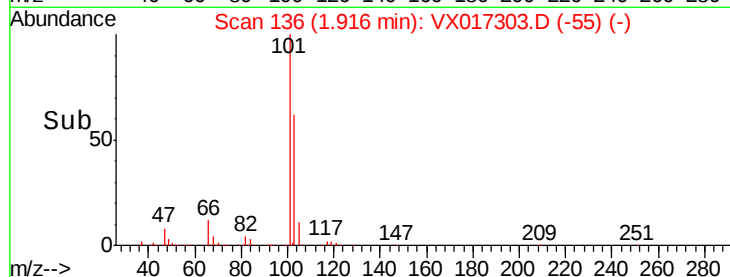
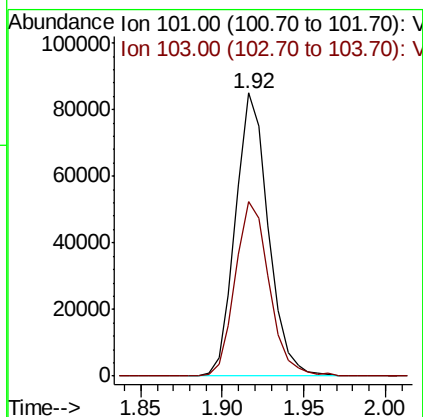
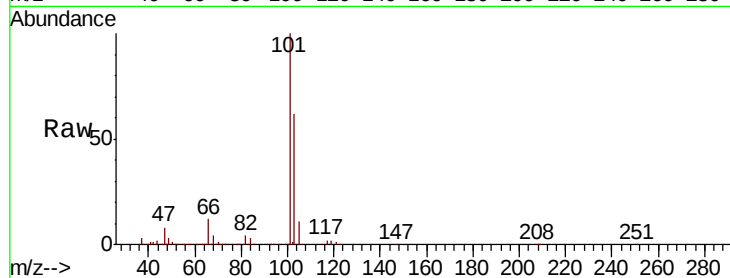


#7

Trichlorofluoromethane
 Concen: 22.674 ug/l
 RT: 1.92 min Scan# 136
 Delta R.T. -0.01 min
 Lab File: VX017303.D
 Acq: 09 Jul 2020 13:21

Instrument :
 MSVOA_X
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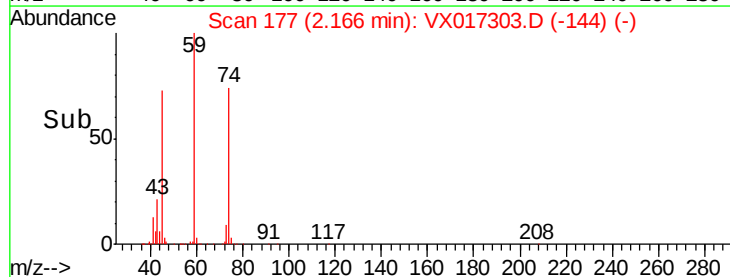
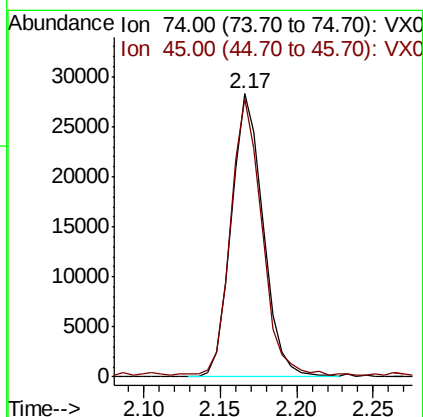
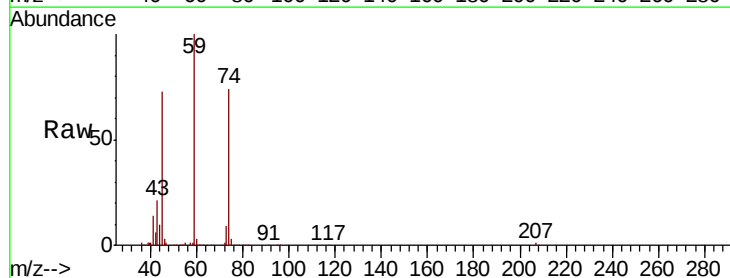
Tot Ion:101 Resp: 119462
 Ion Ratio Lower Upper
 101 100
 103 61.6 50.1 75.1

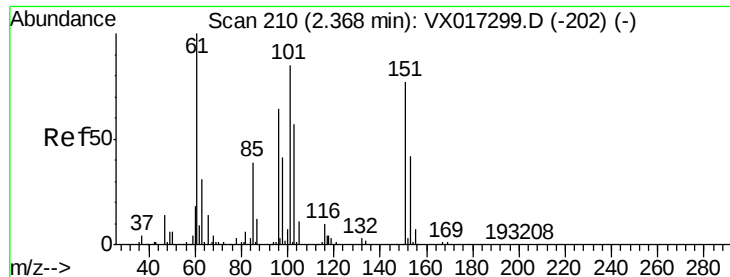


#8

Diethyl Ether
 Concen: 21.842 ug/l
 RT: 2.17 min Scan# 177
 Delta R.T. -0.00 min
 Lab File: VX017303.D
 Acq: 09 Jul 2020 13:21

Tgt Ion: 74 Resp: 40826
 Ion Ratio Lower Upper
 74 100
 45 95.0 18.9 170.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 21.854 ug/l

RT: 2.37 min Scan# 210

Delta R.T. -0.00 min

Lab File: VX017303.D

Acq: 09 Jul 2020 13:21

Instrument :

MSVOA_X

ClientSampleId :

ICVVX070920

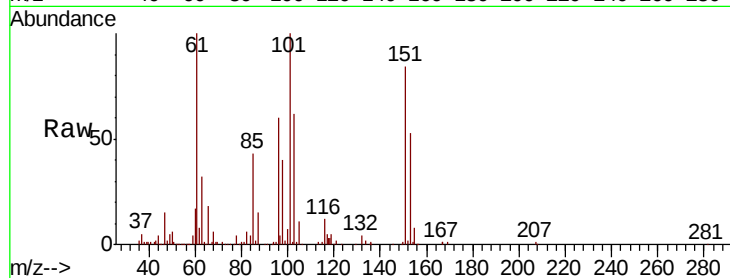
Tot Ion:101 Resp: 62959

Ion Ratio Lower Upper

101 100

85 44.0 0.0 87.8

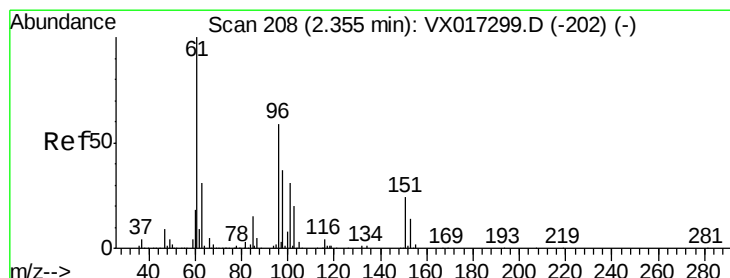
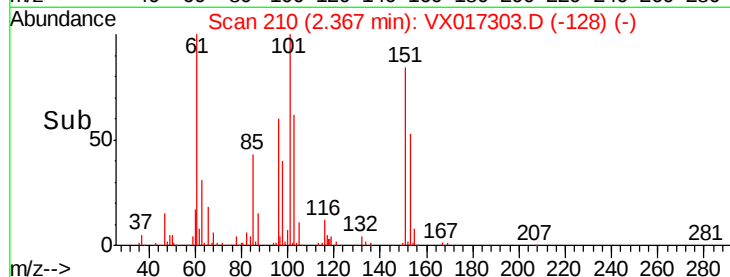
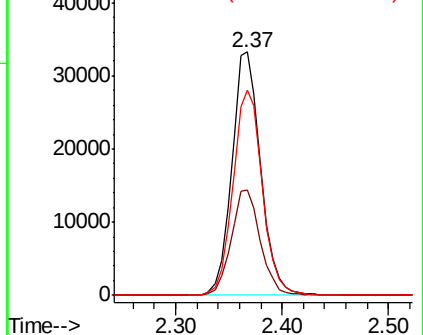
151 85.7 0.0 170.2



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VX0

Ion 151.00 (150.70 to 151.70): V



#10

1,1-Dichloroethene

Concen: 20.845 ug/l

RT: 2.35 min Scan# 208

Delta R.T. -0.00 min

Lab File: VX017303.D

Acq: 09 Jul 2020 13:21

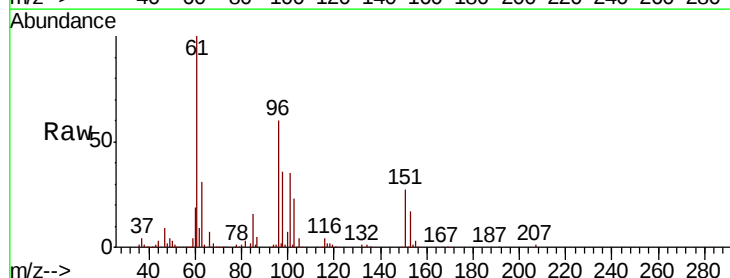
Tgt Ion: 96 Resp: 59205

Ion Ratio Lower Upper

96 100

61 167.6 137.0 205.4

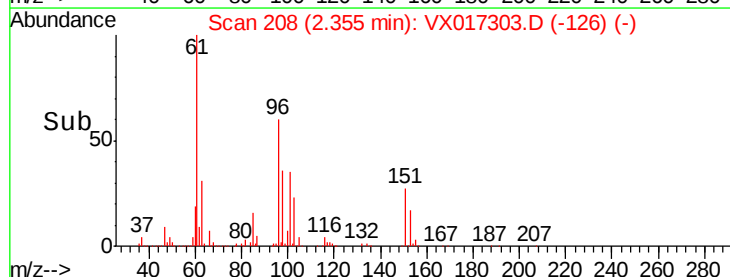
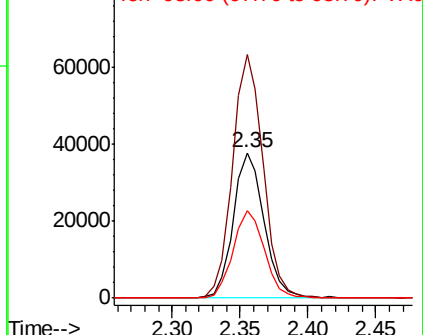
98 59.9 51.1 76.7

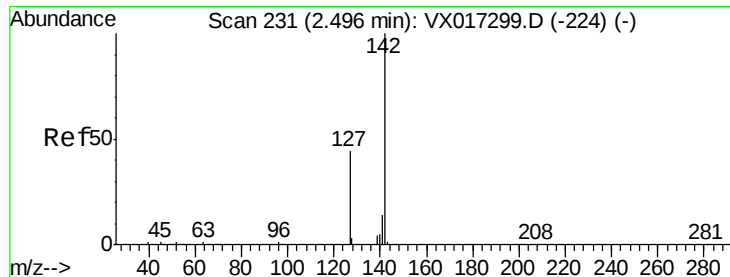


Abundance Ion 96.00 (95.70 to 96.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 98.00 (97.70 to 98.70): VX0

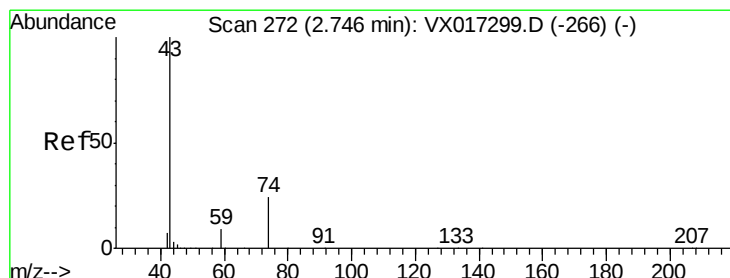
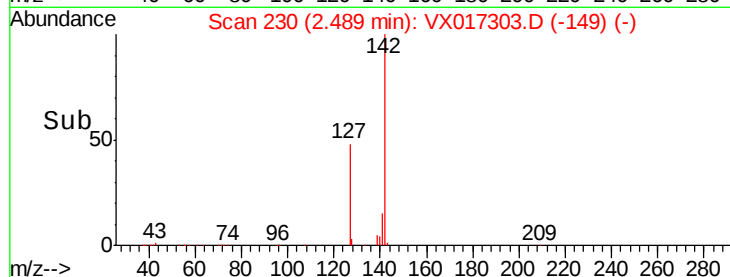
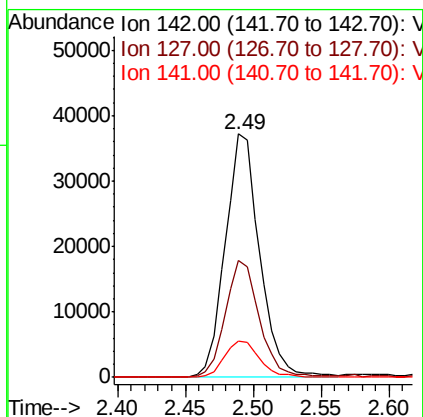
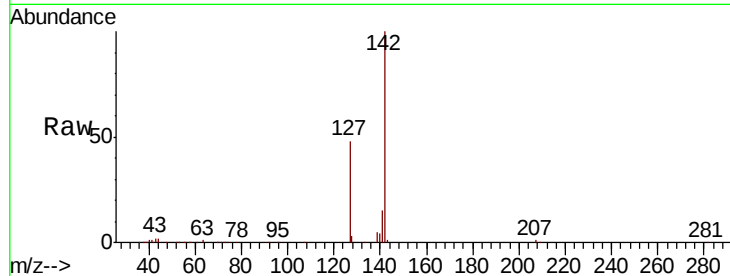




#11
Methvl Iodide
Concen: 19.644 ug/l
RT: 2.49 min Scan# 230
Delta R.T. -0.01 min
Lab File: VX017303.D
Acq: 09 Jul 2020 13:21

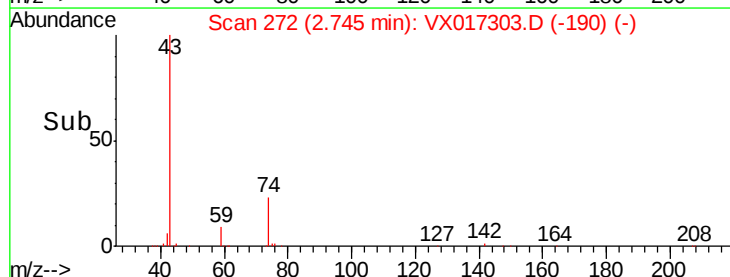
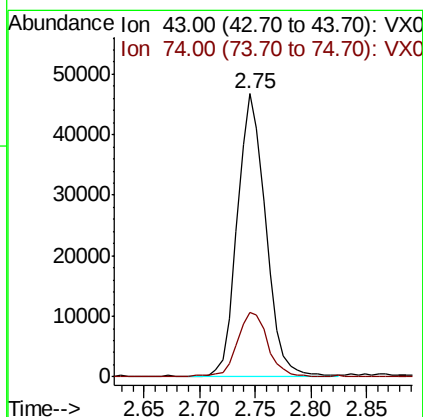
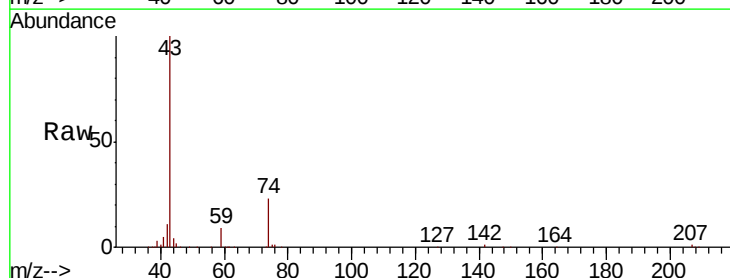
Instrument :
MSVOA_X
ClientSampleId :
ICVVX070920

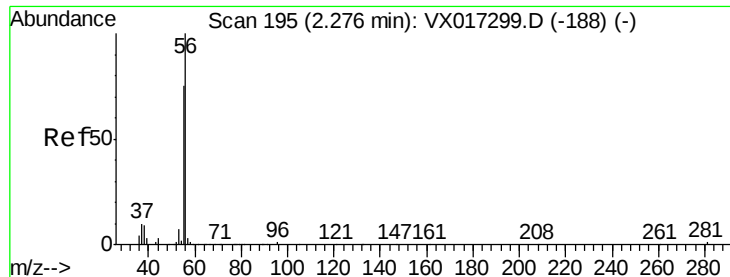
Tot Ion:142 Resp: 65697
Ion Ratio Lower Upper
142 100
127 47.6 21.9 65.7
141 15.1 7.0 21.1



#12
Methyl Acetate
Concen: 20.833 ug/l
RT: 2.75 min Scan# 272
Delta R.T. -0.00 min
Lab File: VX017303.D
Acq: 09 Jul 2020 13:21

Tgt Ion: 43 Resp: 82447
Ion Ratio Lower Upper
43 100
74 22.6 18.8 28.2





#13

Acrolein

Concen: 98.059 ug/l

RT: 2.27 min Scan# 194

Delta R.T. -0.01 min

Lab File: VX017303.D

Acq: 09 Jul 2020 13:21

Instrument :

MSVOA_X

ClientSampleId :

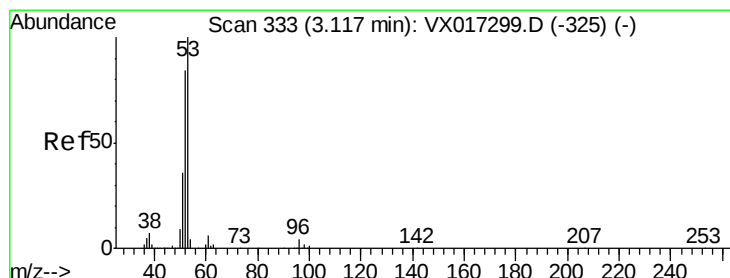
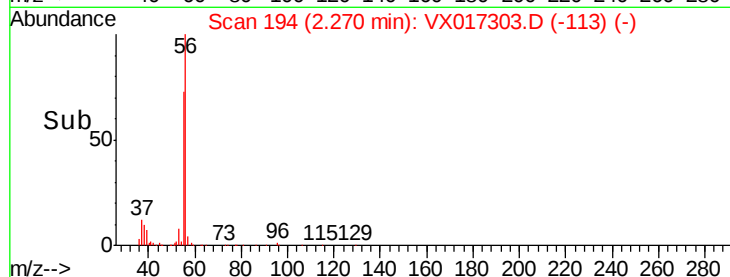
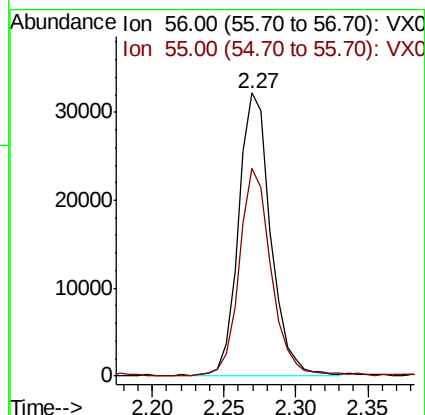
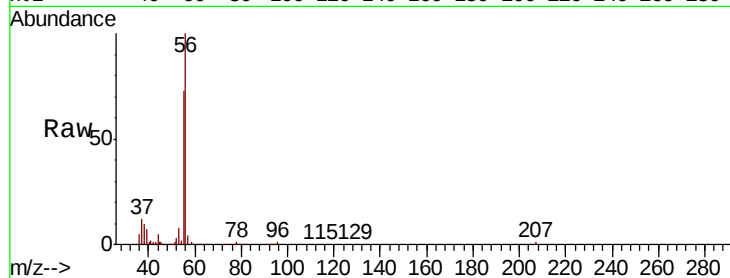
ICVVX070920

Tot Ion: 56 Resp: 50185

Ion Ratio Lower Upper

56 100

55 72.4 58.5 87.7



#14

Acrylonitrile

Concen: 102.859 ug/l

RT: 3.11 min Scan# 332

Delta R.T. -0.01 min

Lab File: VX017303.D

Acq: 09 Jul 2020 13:21

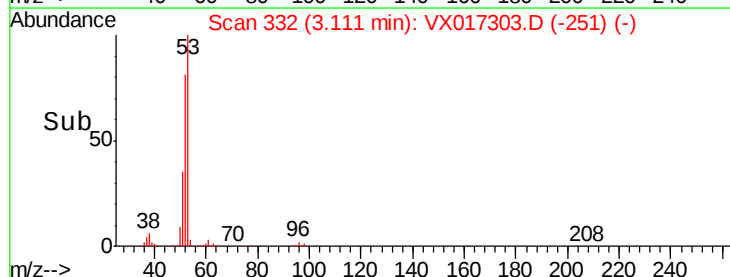
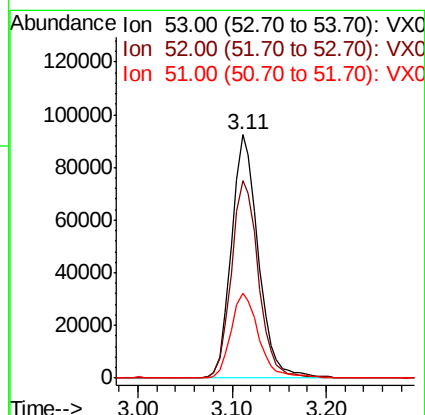
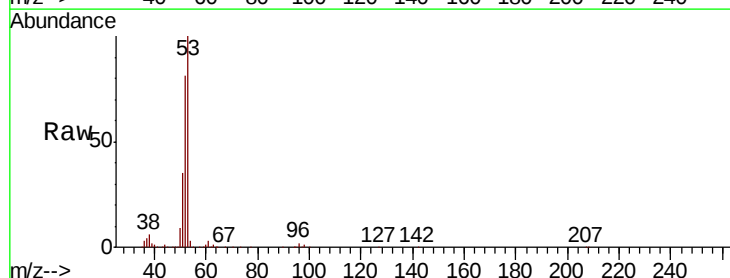
Tgt Ion: 53 Resp: 183667

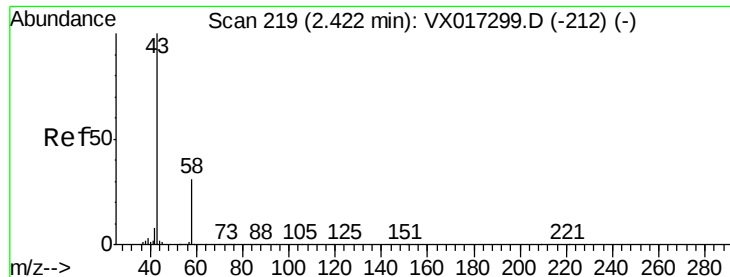
Ion Ratio Lower Upper

53 100

52 81.5 41.3 123.9

51 36.5 18.1 54.1





#15

Acetone

Concen: 98.652 ug/l

RT: 2.42 min Scan# 218

Delta R.T. -0.01 min

Lab File: VX017303.D

Acq: 09 Jul 2020 13:21

Instrument :

MSVOA_X

ClientSampleId :

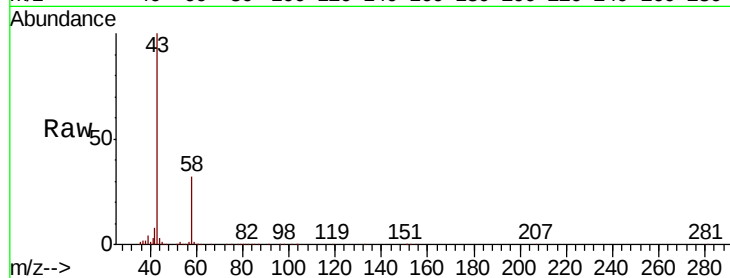
ICVVX070920

Tot Ion: 58 Resp: 44426

Ion Ratio Lower Upper

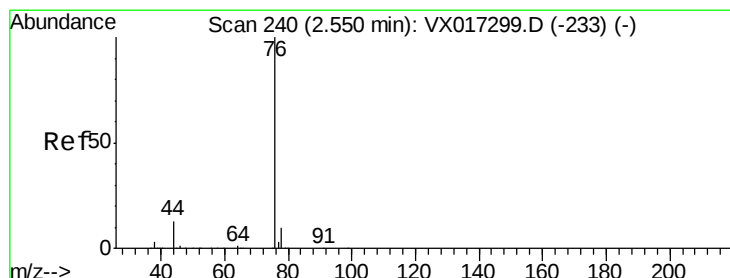
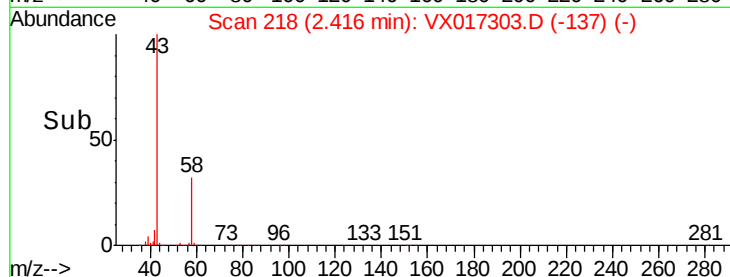
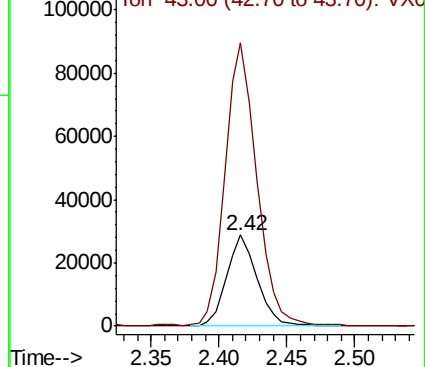
58 100

43 308.9 255.0 382.4



Abundance Ion 58.00 (57.70 to 58.70): VX0

Ion 43.00 (42.70 to 43.70): VX0



#16

Carbon Disulfide

Concen: 22.518 ug/l

RT: 2.55 min Scan# 240

Delta R.T. -0.00 min

Lab File: VX017303.D

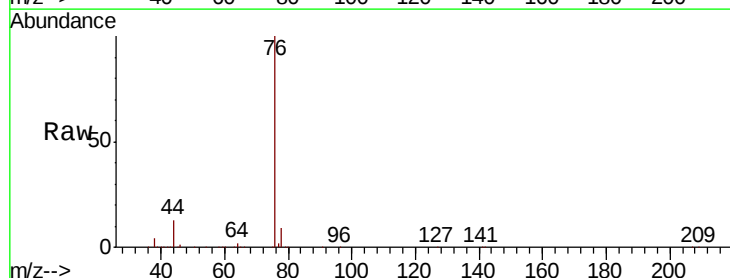
Acq: 09 Jul 2020 13:21

Tgt Ion: 76 Resp: 173477

Ion Ratio Lower Upper

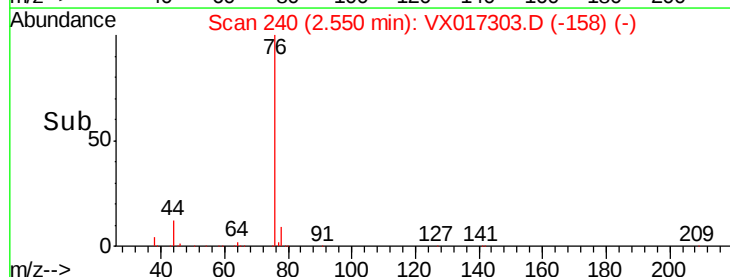
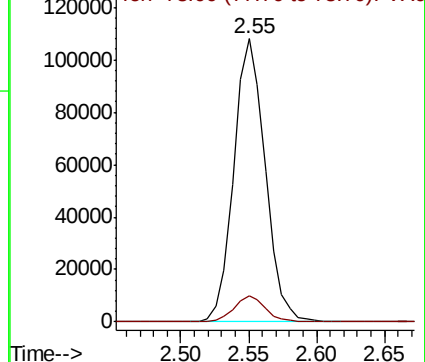
76 100

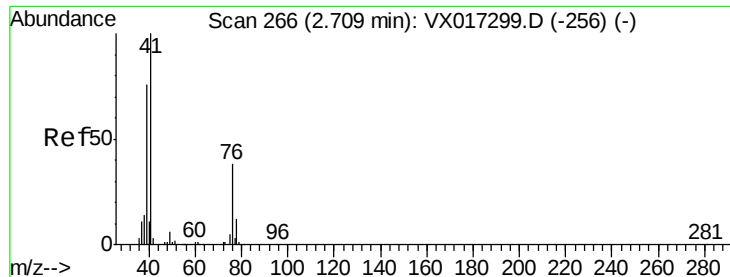
78 9.1 7.9 11.9



Abundance Ion 76.00 (75.70 to 76.70): VX0

Ion 78.00 (77.70 to 78.70): VX0

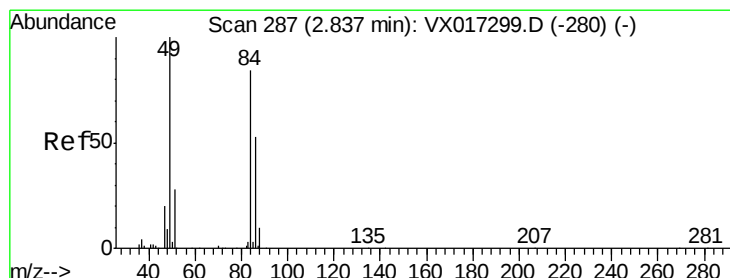
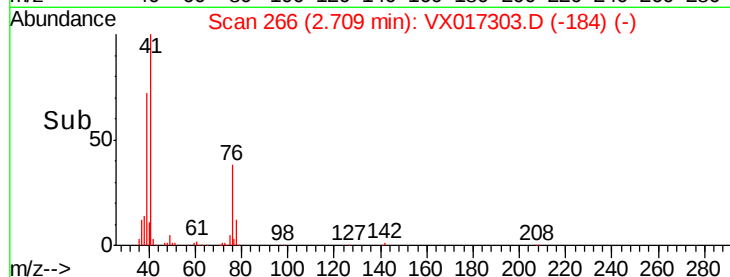
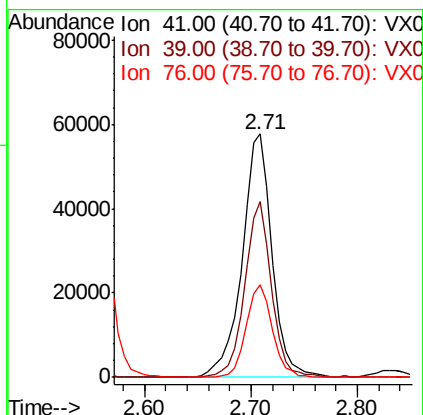
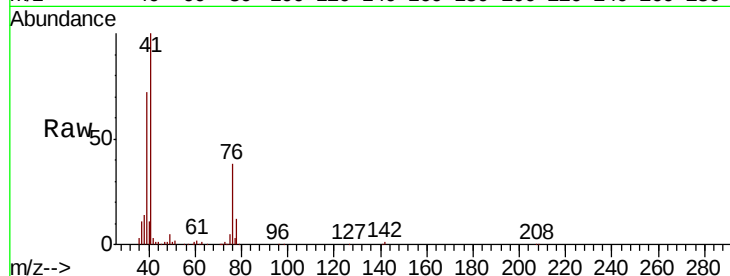




#17
Allvl chloride
Concen: 21.402 ug/l
RT: 2.71 min Scan# 266
Delta R.T. -0.00 min
Lab File: VX017303.D
Acq: 09 Jul 2020 13:21

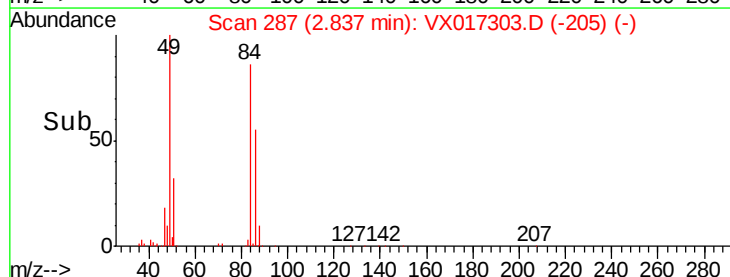
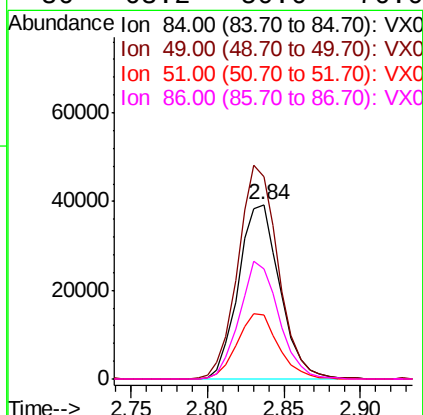
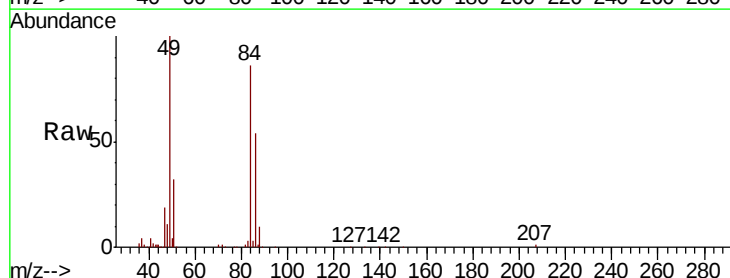
Instrument :
MSVOA_X
ClientSampleId :
ICVVX070920

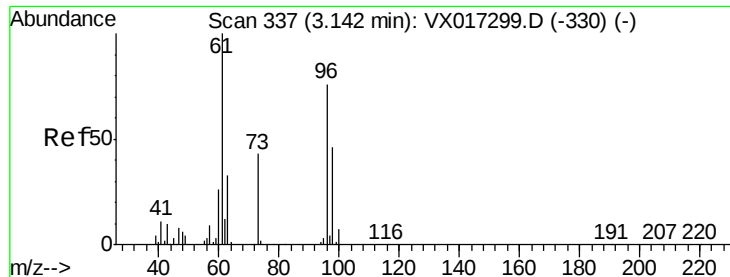
Tot Ion	Ratio	Lower	Upper
41	100		
39	72.2	38.1	114.5
76	37.8	18.8	56.4



#18
Methylene Chloride
Concen: 21.149 ug/l
RT: 2.84 min Scan# 287
Delta R.T. -0.00 min
Lab File: VX017303.D
Acq: 09 Jul 2020 13:21

Tgt Ion	Ratio	Lower	Upper
84	100		
49	116.2	95.7	143.5
51	36.9	27.2	40.8
86	63.2	50.6	76.0

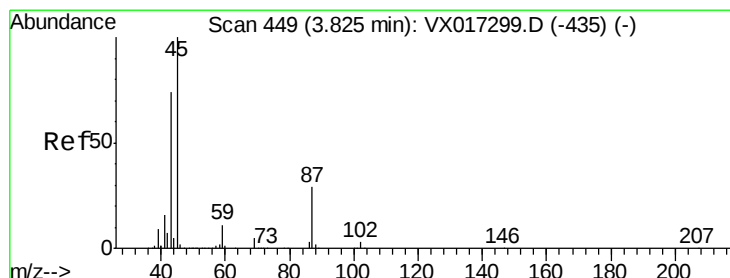
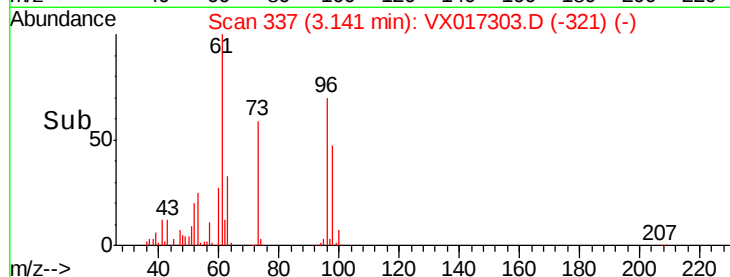
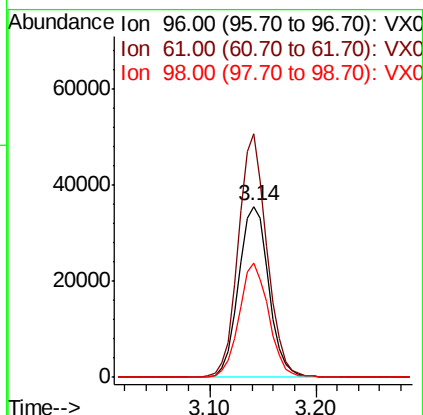
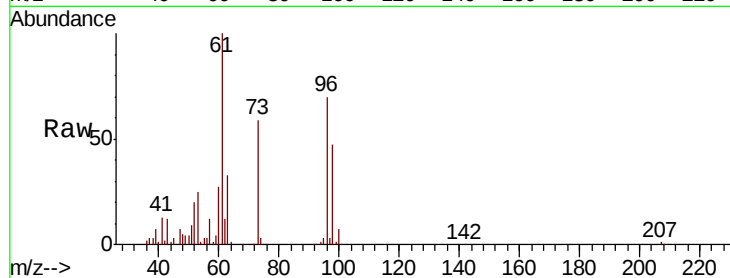




#19
trans-1,2-Dichloroethene
Concen: 21.443 ug/l
RT: 3.14 min Scan# 337
Delta R.T. -0.00 min
Lab File: VX017303.D
Acq: 09 Jul 2020 13:21

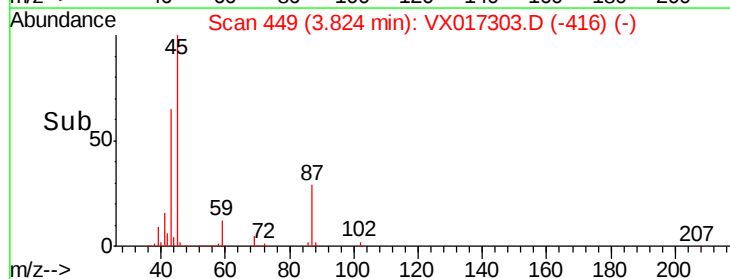
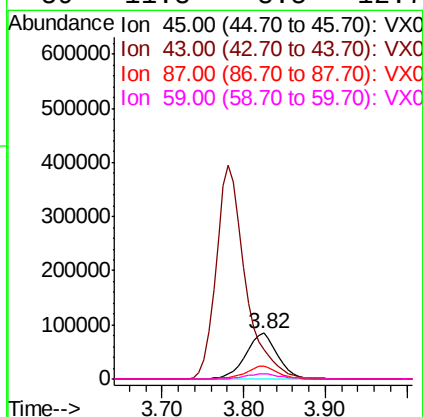
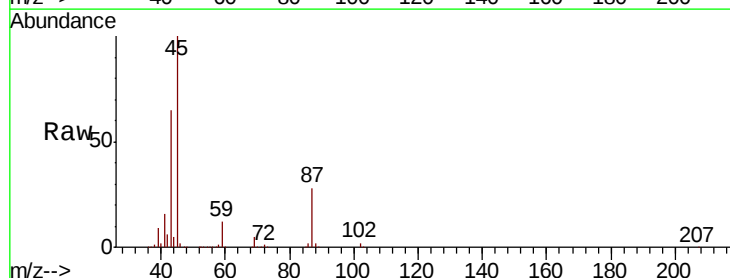
Instrument :
MSVOA_X
ClientSampleId :
ICVVX070920

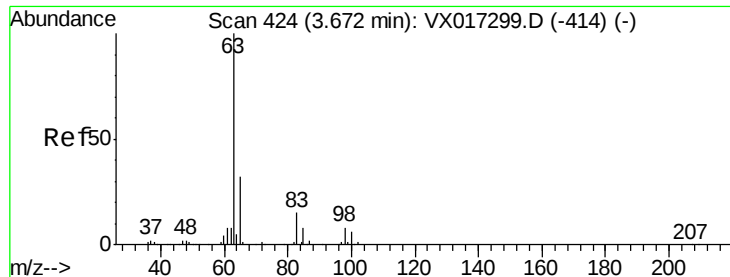
Tot Ion: 96 Resp: 71208
Ion Ratio Lower Upper
96 100
61 142.8 105.0 157.6
98 67.4 48.6 73.0



#20
Diisopropyl ether
Concen: 21.741 ug/l
RT: 3.82 min Scan# 449
Delta R.T. -0.00 min
Lab File: VX017303.D
Acq: 09 Jul 2020 13:21

Tgt Ion: 45 Resp: 229676
Ion Ratio Lower Upper
45 100
43 64.8 59.5 89.3
87 28.5 23.2 34.8
59 11.8 8.5 12.7





#21

1,1-Dichloroethane

Concen: 21.419 ug/l

RT: 3.67 min Scan# 423

Delta R.T. -0.01 min

Lab File: VX017303.D

Acq: 09 Jul 2020 13:21

Instrument :

MSVOA_X

ClientSampleId :

ICVVX070920

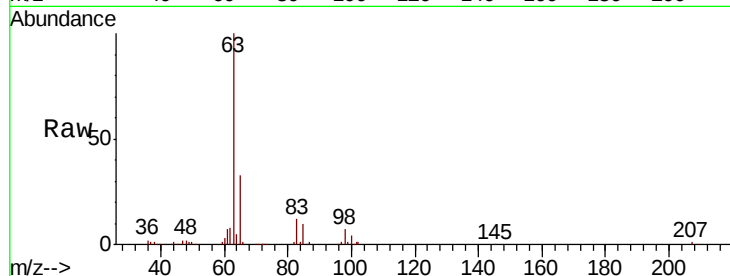
Tot Ion: 63 Resp: 126830

Ion Ratio Lower Upper

63 100

98 7.1 4.2 12.4

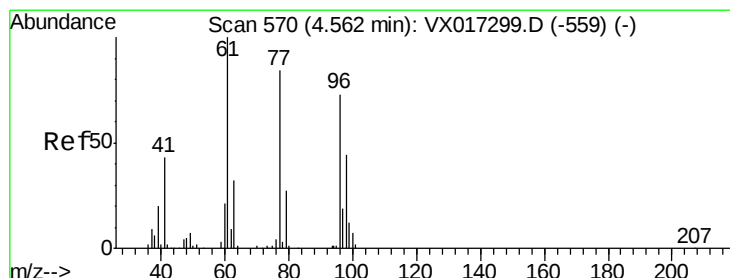
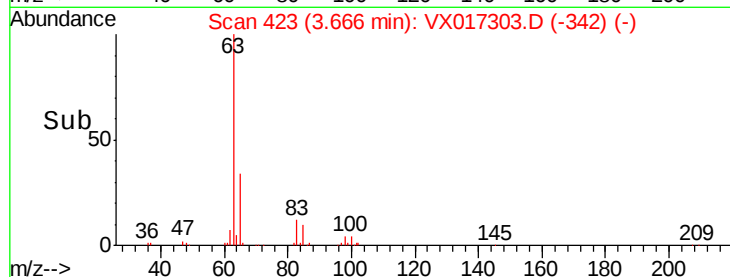
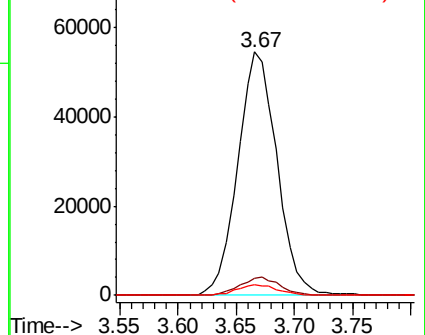
100 4.5 2.8 8.3



Abundance Ion 63.00 (62.70 to 63.70): VX0

Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0



#22

cis-1,2-Dichloroethene

Concen: 21.298 ug/l

RT: 4.56 min Scan# 570

Delta R.T. -0.00 min

Lab File: VX017303.D

Acq: 09 Jul 2020 13:21

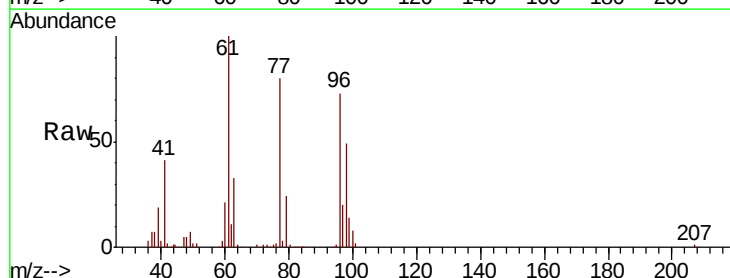
Tgt Ion: 96 Resp: 80690

Ion Ratio Lower Upper

96 100

61 143.6 111.7 167.5

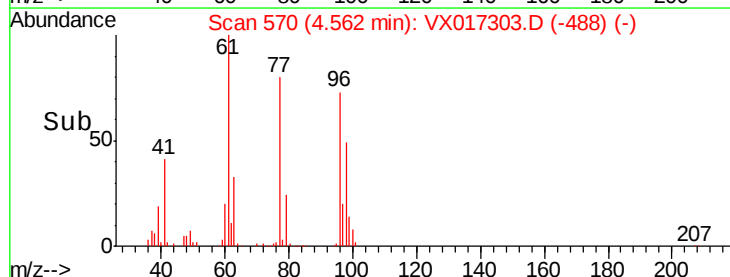
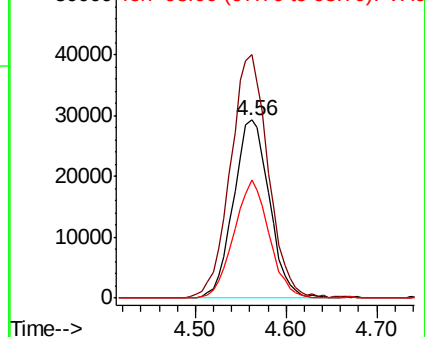
98 64.7 50.9 76.3

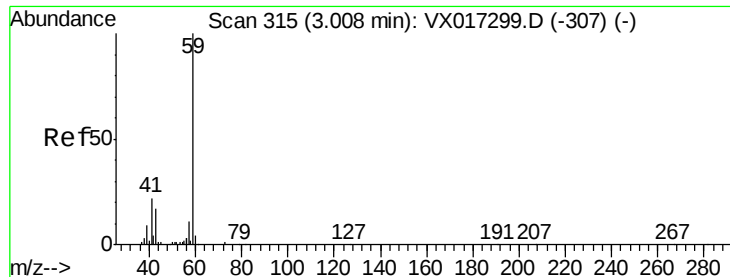


Abundance Ion 96.00 (95.70 to 96.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 98.00 (97.70 to 98.70): VX0



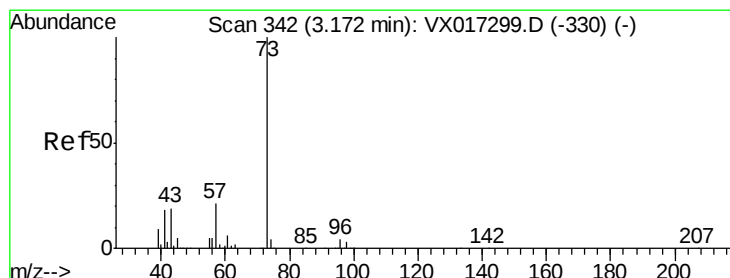
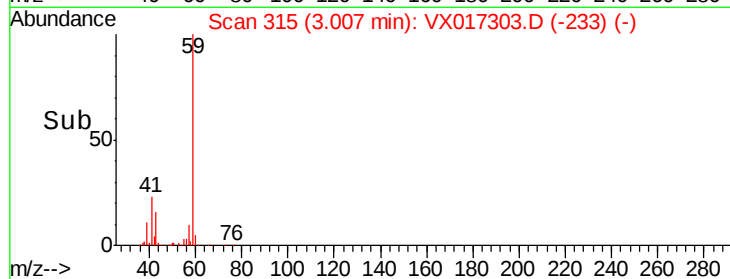
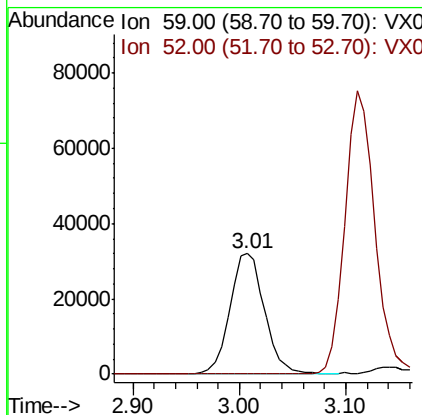
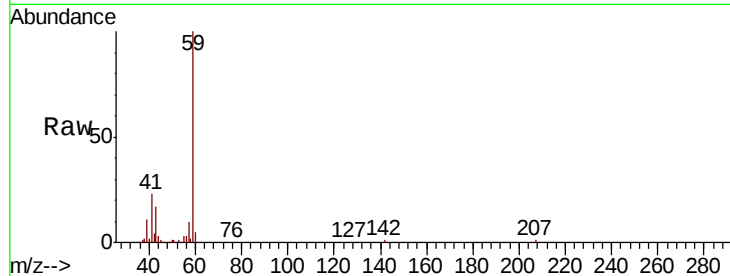


#23

tert-Butyl Alcohol
 Concen: 99.202 ug/l
 RT: 3.01 min Scan# 315
 Delta R.T. -0.00 min
 Lab File: VX017303.D
 Acq: 09 Jul 2020 13:21

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX070920

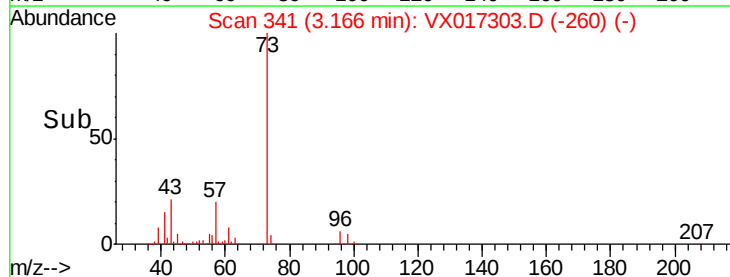
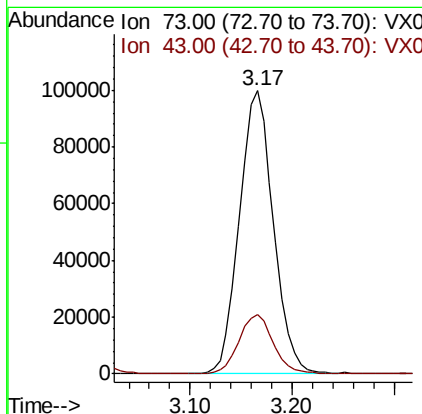
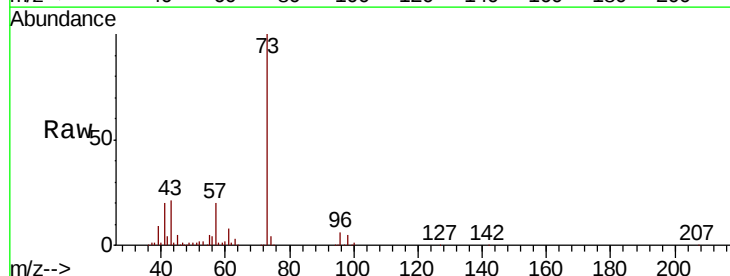
Tot Ion: 59 Resp: 73093
 Ion Ratio Lower Upper
 59 100
 52 0.2 0.4 0.6#

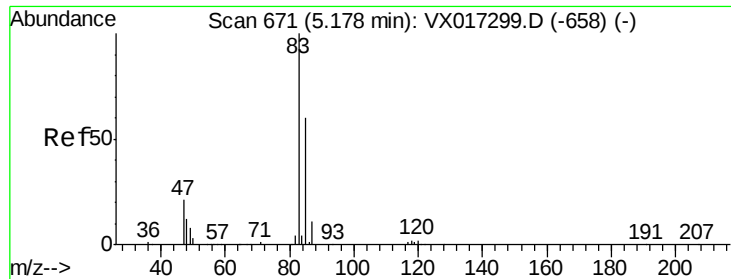


#24

Methyl tert-Butyl Ether
 Concen: 21.300 ug/l
 RT: 3.17 min Scan# 341
 Delta R.T. -0.01 min
 Lab File: VX017303.D
 Acq: 09 Jul 2020 13:21

Tgt Ion: 73 Resp: 230965
 Ion Ratio Lower Upper
 73 100
 43 21.0 16.3 24.5

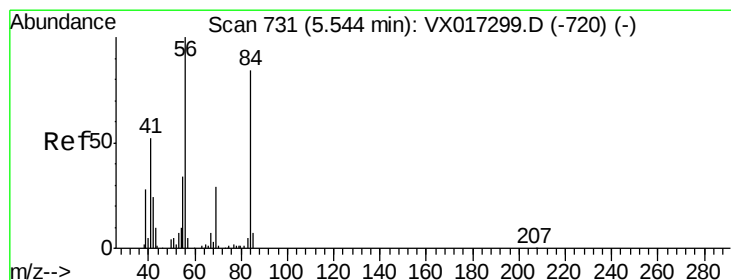
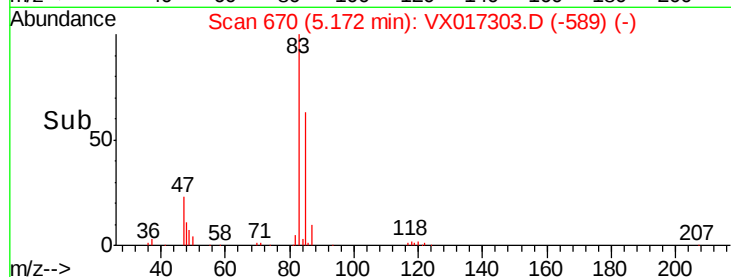
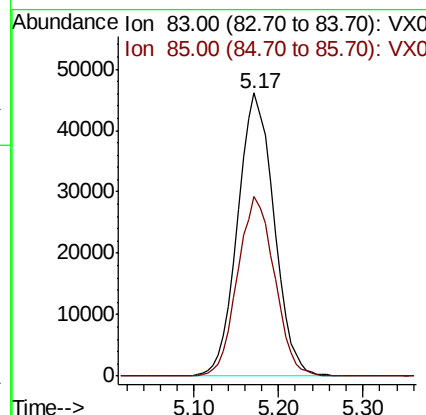
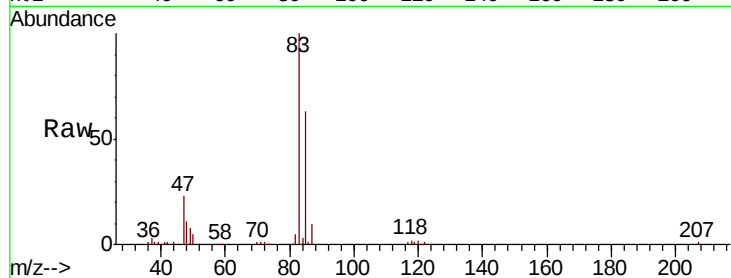




#25
Chloroform
Concen: 21.424 ug/l
RT: 5.17 min Scan# 670
Delta R.T. -0.01 min
Lab File: VX017303.D
Acq: 09 Jul 2020 13:21

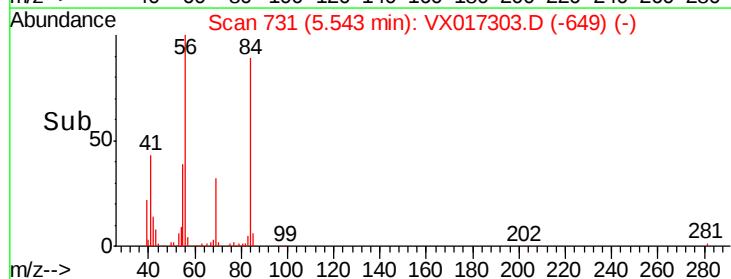
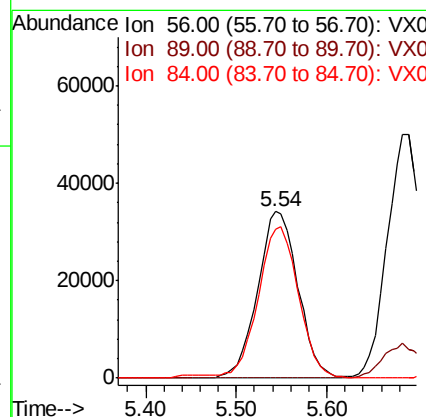
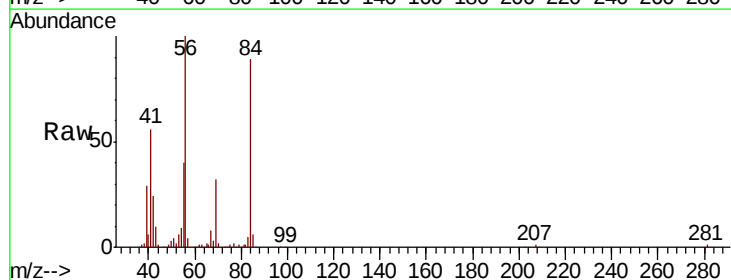
Instrument :
MSVOA_X
ClientSampleId :
ICVVX070920

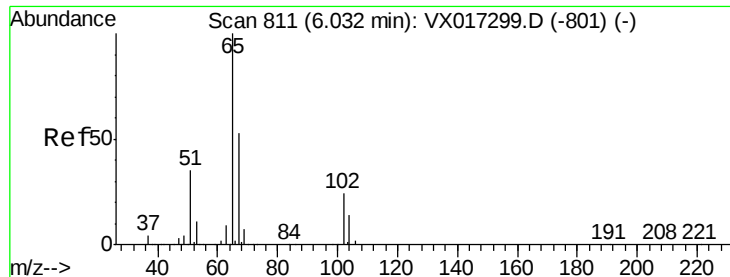
Tot Ion: 83 Resp: 135168
Ion Ratio Lower Upper
83 100
85 63.3 47.8 71.8



#26
Cyclohexane
Concen: 22.777 ug/l
RT: 5.54 min Scan# 731
Delta R.T. -0.00 min
Lab File: VX017303.D
Acq: 09 Jul 2020 13:21

Tgt Ion: 56 Resp: 105073
Ion Ratio Lower Upper
56 100
89 0.0 0.0 0.0
84 90.7 71.5 107.3





#27

1,2-Dichloroethane-d4

Concen: 29.344 ug/l

RT: 6.03 min Scan# 811

Delta R.T. -0.00 min

Lab File: VX017303.D

Acq: 09 Jul 2020 13:21

Instrument :

MSVOA_X

ClientSampled :

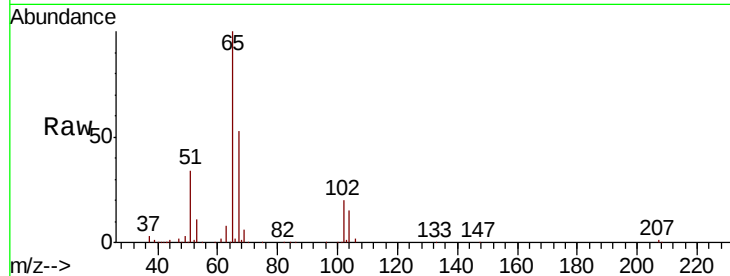
ICVVX070920

Tot Ion: 65 Resp: 130356

Ion Ratio Lower Upper

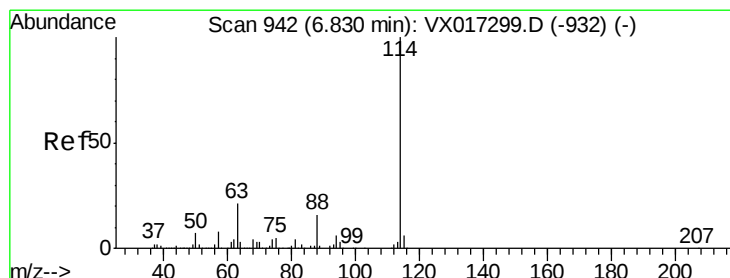
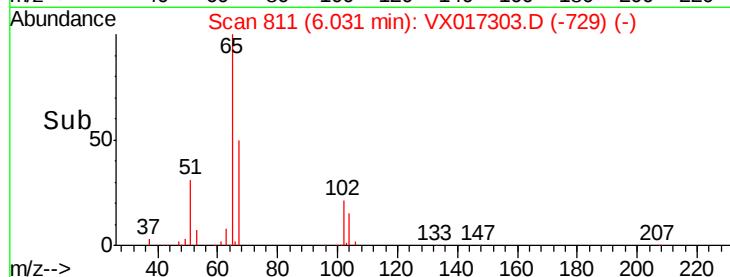
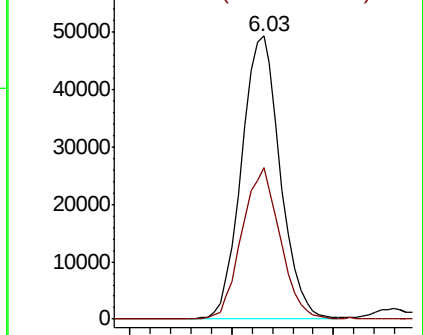
65 100

67 52.8 41.0 61.6



Abundance Ion 65.00 (64.70 to 65.70): VX0

Ion 67.00 (66.70 to 67.70): VX0



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. -0.00 min

Lab File: VX017303.D

Acq: 09 Jul 2020 13:21

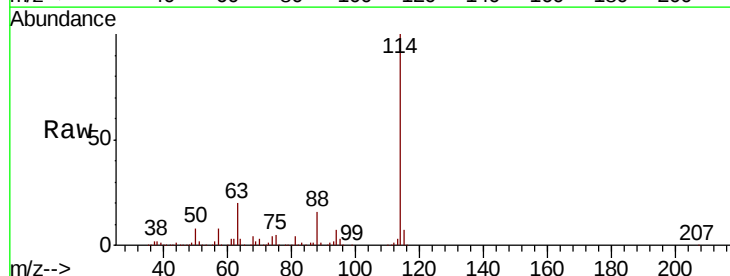
Tgt Ion: 114 Resp: 318558

Ion Ratio Lower Upper

114 100

63 20.0 15.9 23.9

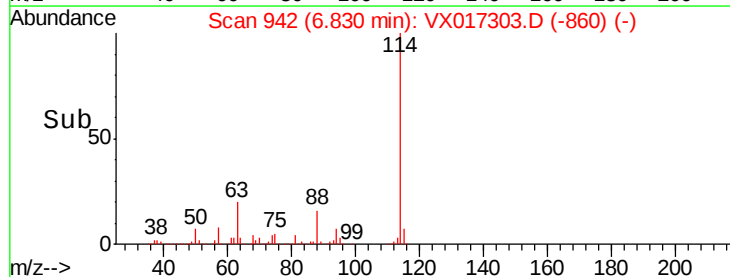
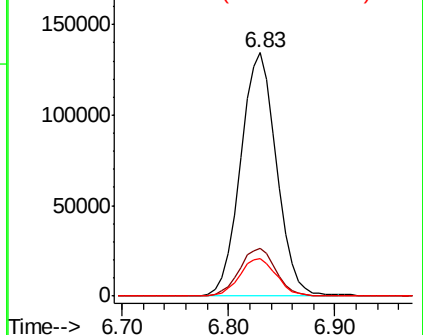
88 15.8 12.4 18.6

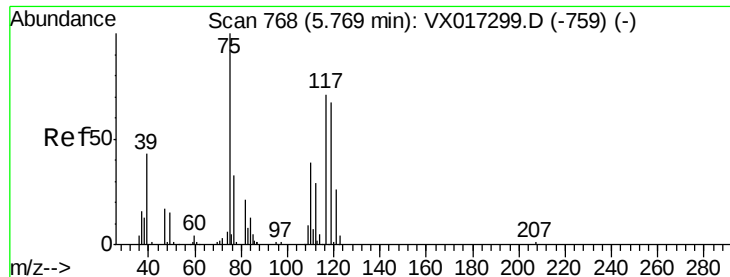


Abundance Ion 114.00 (113.70 to 114.70): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 88.00 (87.70 to 88.70): VX0





#29

1,1-Dichloropropene

Concen: 22.307 ug/l

RT: 5.77 min Scan# 768

Delta R.T. -0.00 min

Lab File: VX017303.D

Acq: 09 Jul 2020 13:21

Instrument :

MSVOA_X

ClientSampleId :

ICVVX070920

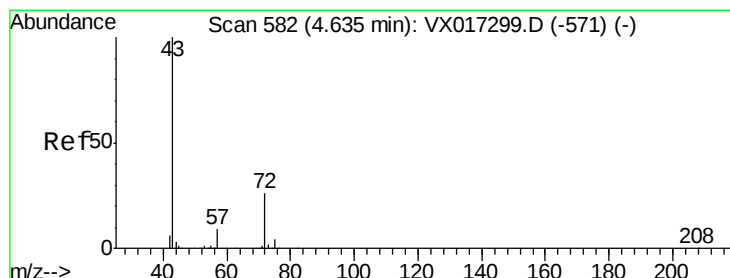
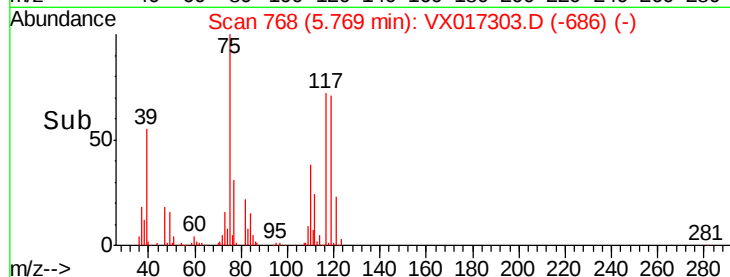
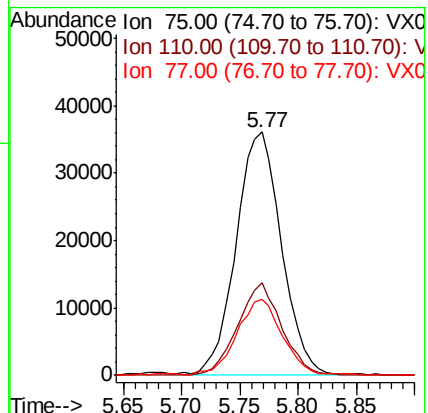
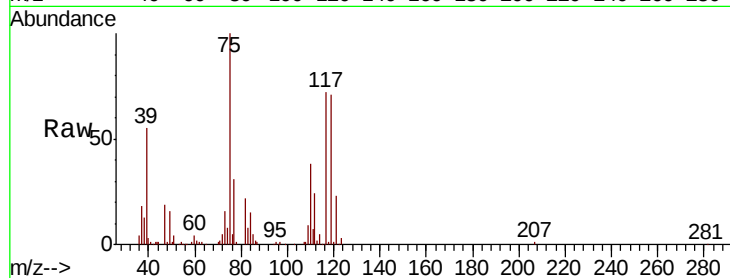
Tot Ion: 75 Resp: 97991

Ion Ratio Lower Upper

75 100

110 36.5 0.0 75.8

77 30.4 0.0 63.4



#30

2-Butanone

Concen: 103.536 ug/l

RT: 4.63 min Scan# 581

Delta R.T. -0.01 min

Lab File: VX017303.D

Acq: 09 Jul 2020 13:21

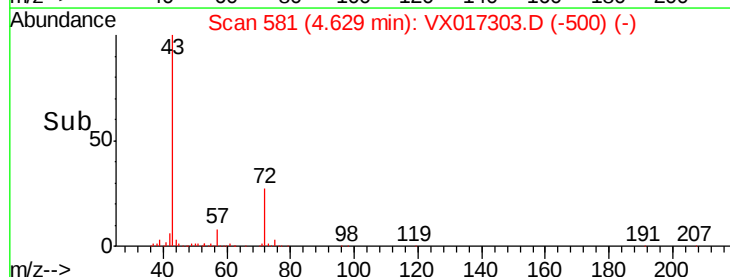
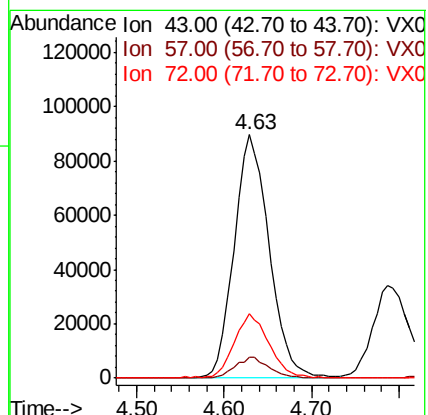
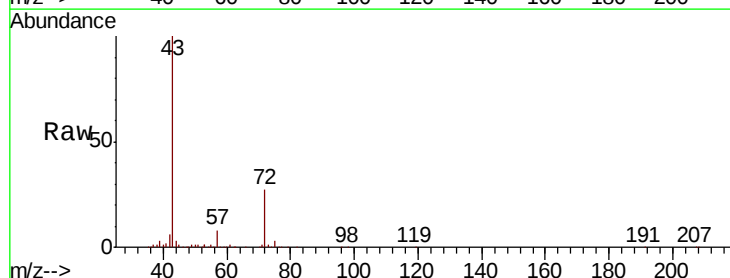
Tgt Ion: 43 Resp: 248778

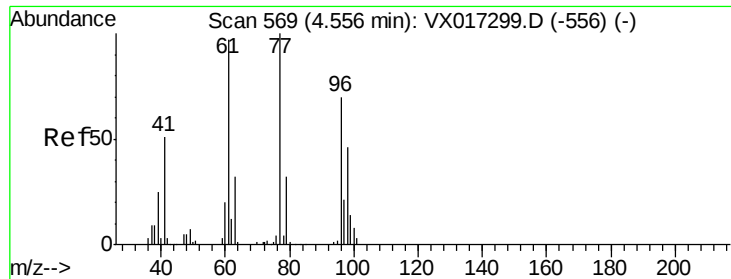
Ion Ratio Lower Upper

43 100

57 8.2 6.8 10.2

72 25.6 21.0 31.6





#31

2,2-Dichloropropane

Concen: 22.138 ug/l

RT: 4.54 min Scan# 567

Delta R.T. -0.01 min

Lab File: VX017303.D

Acq: 09 Jul 2020 13:21

Instrument :

MSVOA_X

ClientSampleId :

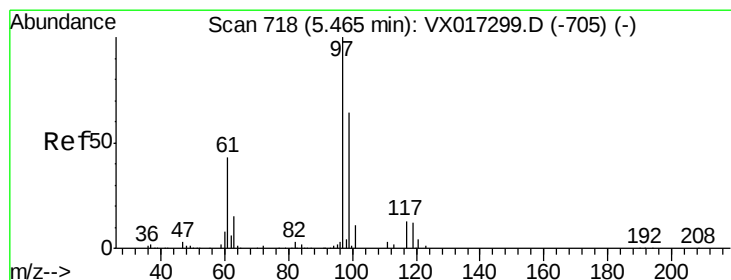
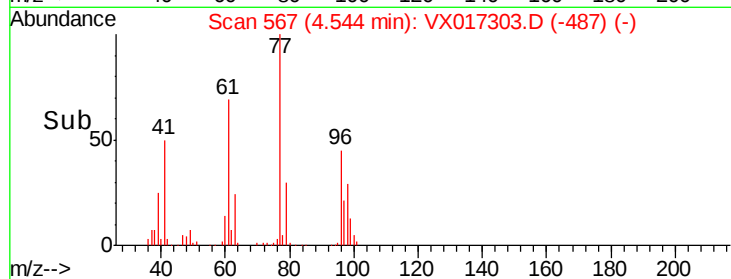
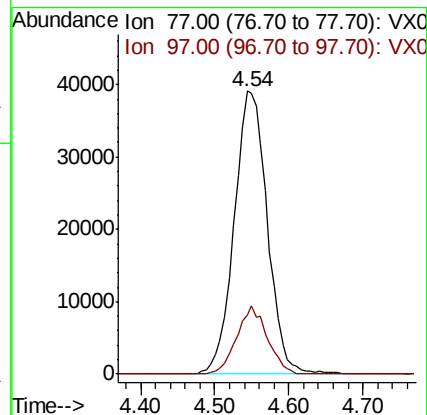
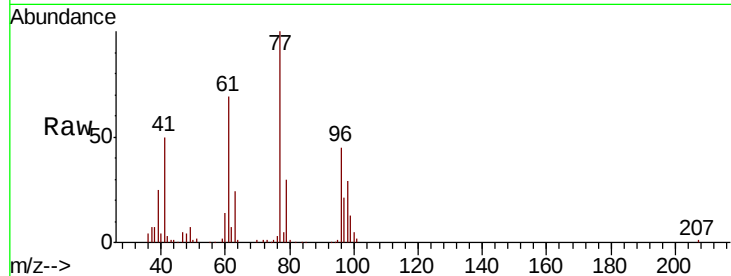
ICVVX070920

Tot Ion: 77 Resp: 121837

Ion Ratio Lower Upper

77 100

97 22.2 18.2 27.2



#32

1,1,1-Trichloroethane

Concen: 21.992 ug/l

RT: 5.46 min Scan# 717

Delta R.T. -0.01 min

Lab File: VX017303.D

Acq: 09 Jul 2020 13:21

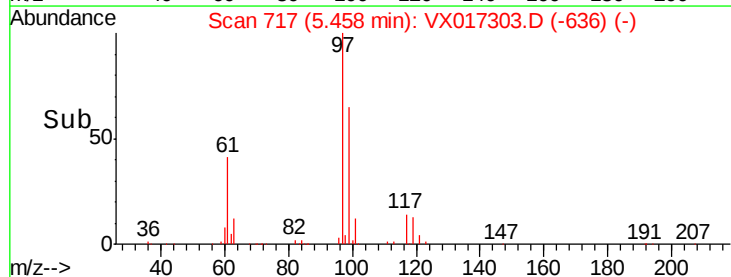
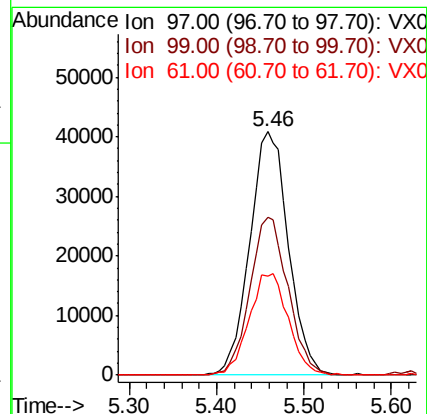
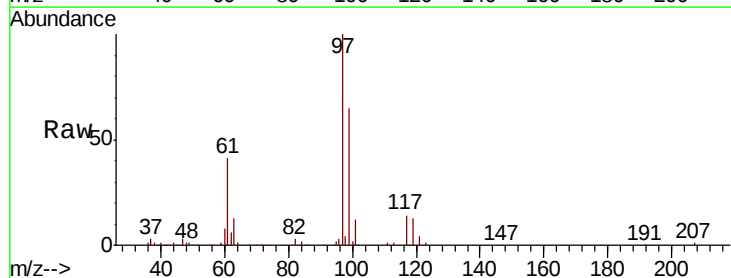
Tgt Ion: 97 Resp: 125781

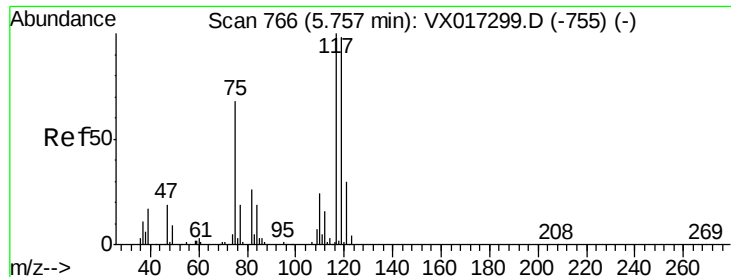
Ion Ratio Lower Upper

97 100

99 63.8 53.2 79.8

61 42.1 34.0 51.0





#33

Carbon Tetrachloride

Concen: 21.669 ug/l

RT: 5.75 min Scan# 765

Delta R.T. -0.01 min

Lab File: VX017303.D

Acq: 09 Jul 2020 13:21

Instrument :

MSVOA_X

ClientSampleId :

ICVVX070920

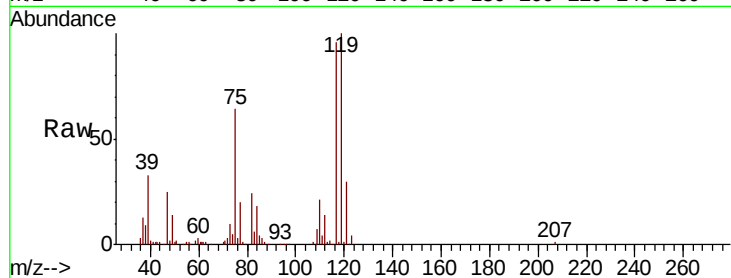
Tot Ion:117 Resp: 114283

Ion Ratio Lower Upper

117 100

119 104.1 78.8 118.2

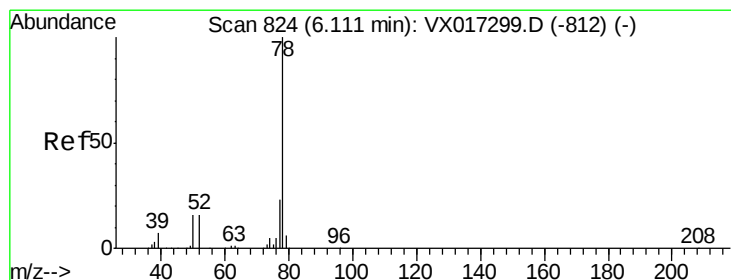
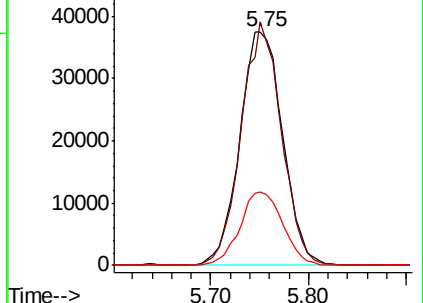
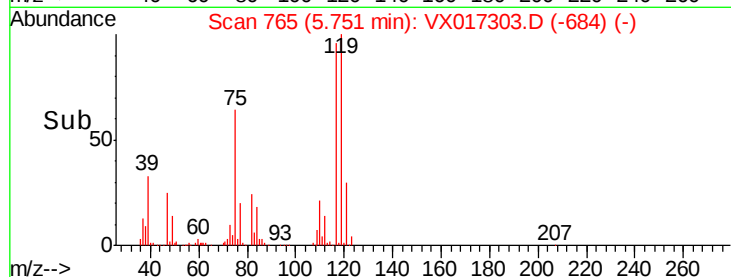
121 31.4 23.7 35.5



Abundance Ion 117.00 (116.70 to 117.70): V

Ion 119.00 (118.70 to 119.70): V

Ion 121.00 (120.70 to 121.70): V



#34

Benzene

Concen: 21.608 ug/l

RT: 6.11 min Scan# 824

Delta R.T. -0.00 min

Lab File: VX017303.D

Acq: 09 Jul 2020 13:21

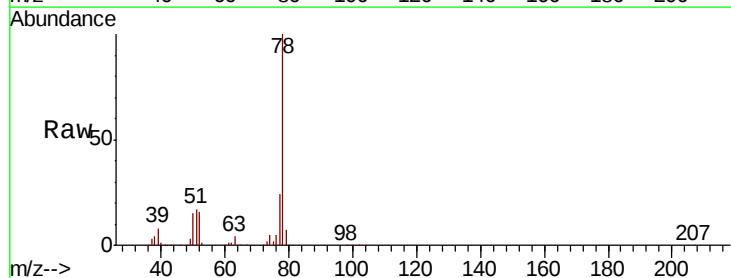
Tgt Ion: 78 Resp: 282441

Ion Ratio Lower Upper

78 100

77 24.1 18.1 27.1

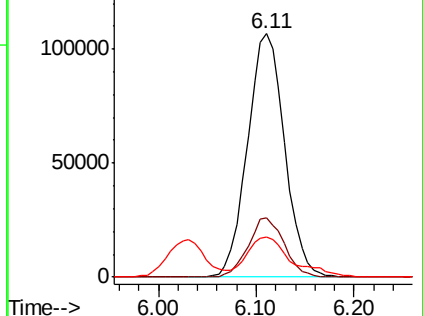
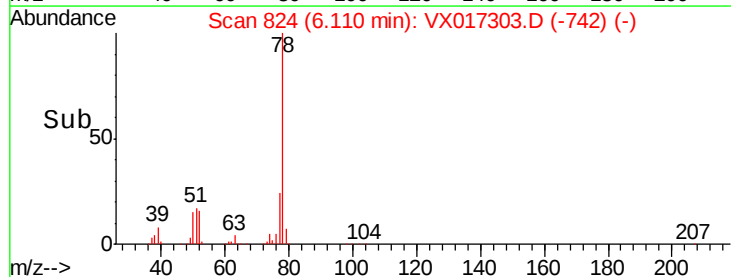
51 15.4 12.9 19.3

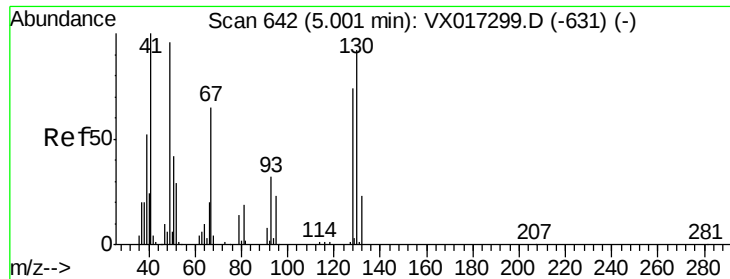


Abundance Ion 78.10 (77.80 to 78.80): VX0

Ion 77.00 (76.70 to 77.70): VX0

Ion 51.00 (50.70 to 51.70): VX0

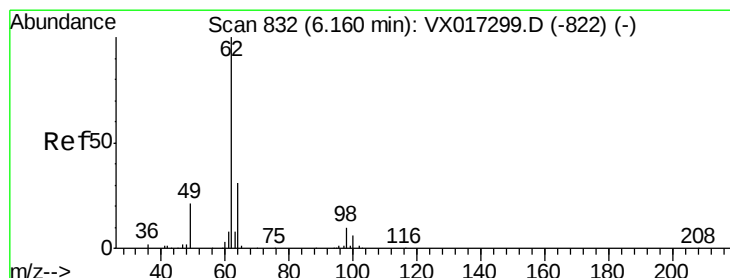
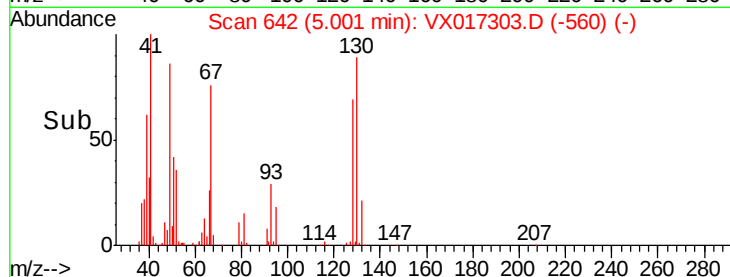
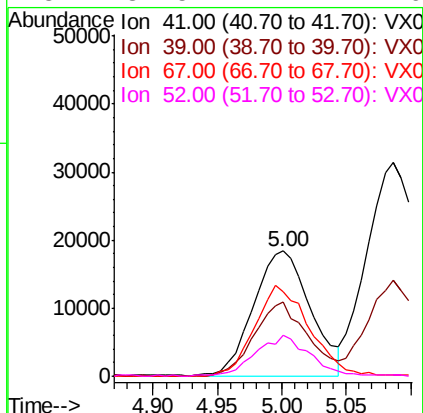
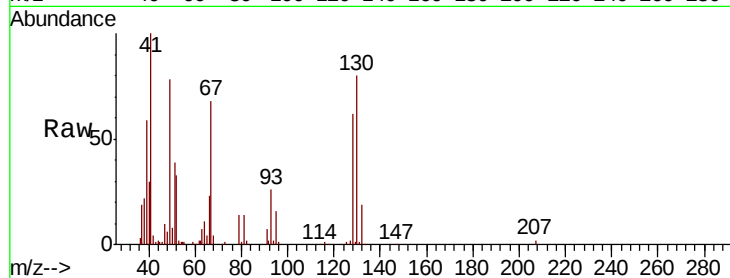




#35
Methacrylonitrile
Concen: 20.895 ug/l
RT: 5.00 min Scan# 642
Delta R.T. -0.00 min
Lab File: VX017303.D
Acq: 09 Jul 2020 13:21

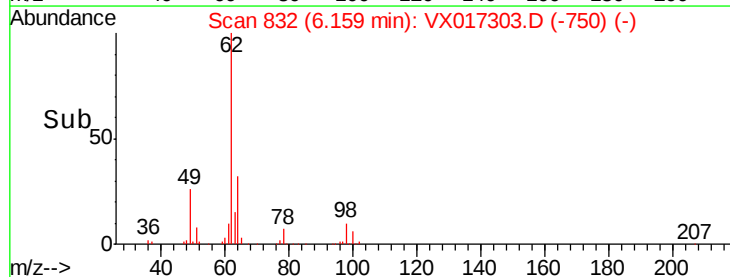
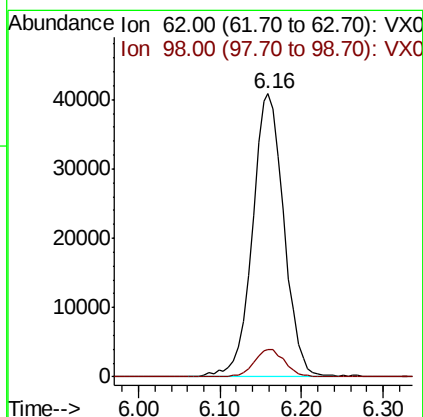
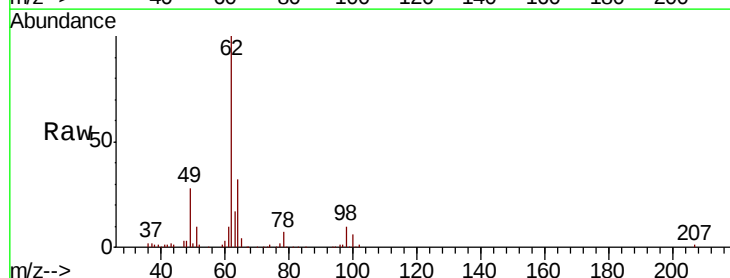
Instrument :
MSVOA_X
ClientSampleId :
ICVVX070920

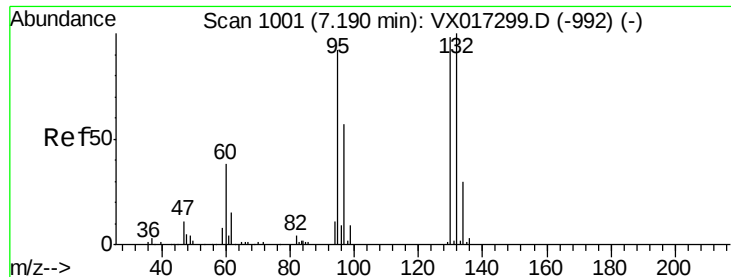
Tot Ion:	41	Resp:	56213
Ion	Ratio	Lower	Upper
41	100		
39	59.0	26.0	78.0
67	68.2	32.6	97.8
52	32.5	14.2	42.6



#36
1,2-Dichloroethane
Concen: 21.351 ug/l
RT: 6.16 min Scan# 832
Delta R.T. -0.00 min
Lab File: VX017303.D
Acq: 09 Jul 2020 13:21

Tgt Ion:	62	Resp:	109914
Ion	Ratio	Lower	Upper
62	100		
98	9.5	7.8	11.8

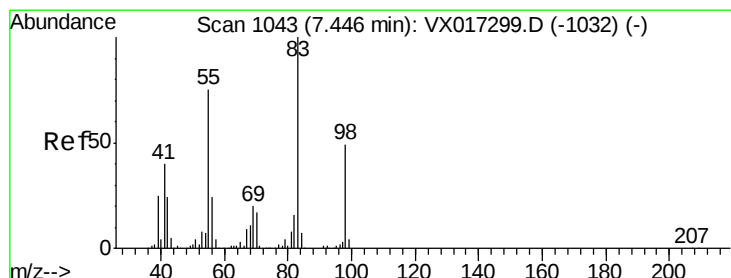
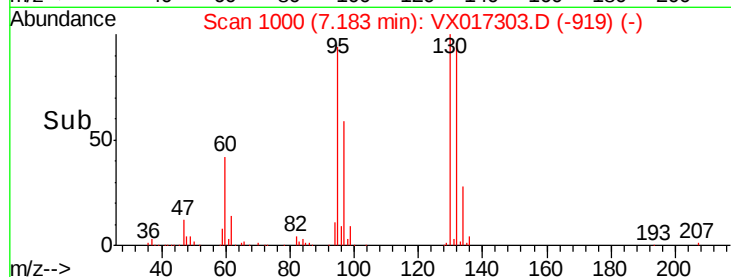
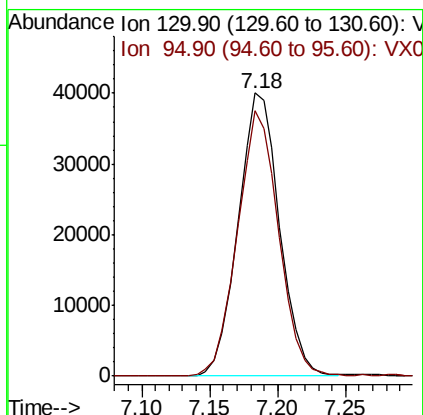
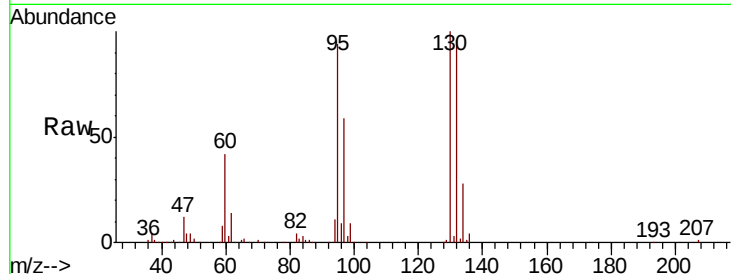




#37
 Trichloroethene
 Concen: 21.651 ug/l
 RT: 7.18 min Scan# 1000
 Delta R.T. -0.01 min
 Lab File: VX017303.D
 Acq: 09 Jul 2020 13:21

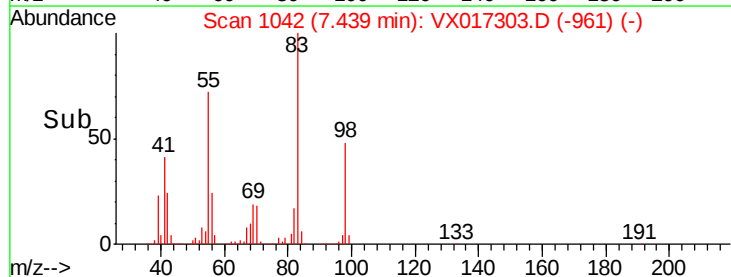
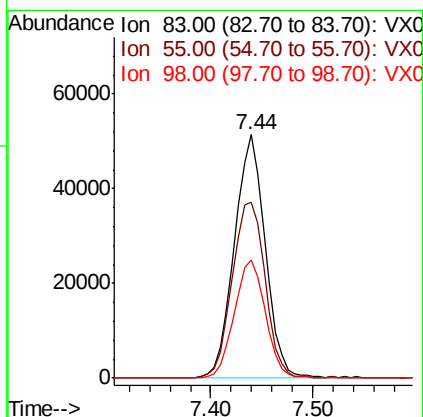
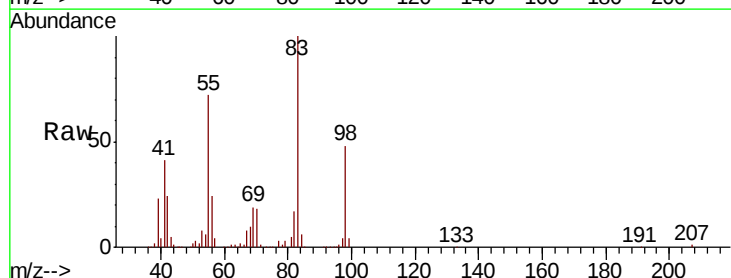
Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX070920

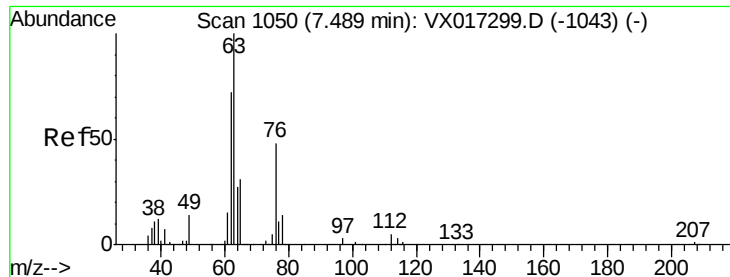
Tot Ion:130 Resp: 85120
 Ion Ratio Lower Upper
 130 100
 95 93.8 74.4 111.6



#38
 Methylcyclohexane
 Concen: 23.324 ug/l
 RT: 7.44 min Scan# 1042
 Delta R.T. -0.01 min
 Lab File: VX017303.D
 Acq: 09 Jul 2020 13:21

Tgt Ion: 83 Resp: 107972
 Ion Ratio Lower Upper
 83 100
 55 77.1 39.0 117.0
 98 48.8 25.3 75.9





#39

1,2-Dichloropropane

Concen: 21.582 ug/l

RT: 7.49 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VX017303.D

Acq: 09 Jul 2020 13:21

Instrument :

MSVOA_X

ClientSampleId :

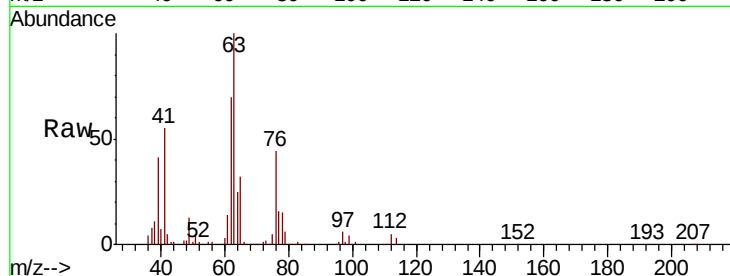
ICVVX070920

Tot Ion: 63 Resp: 73714

Ion Ratio Lower Upper

63 100

65 32.1 27.4 41.0



Abundance Ion 63.00 (62.70 to 63.70): VX0

Ion 65.00 (64.70 to 65.70): VX0

7.49

40000

30000

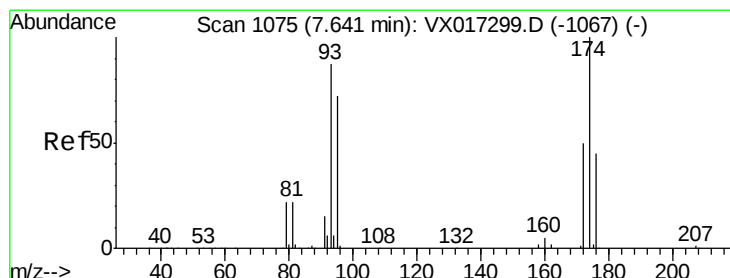
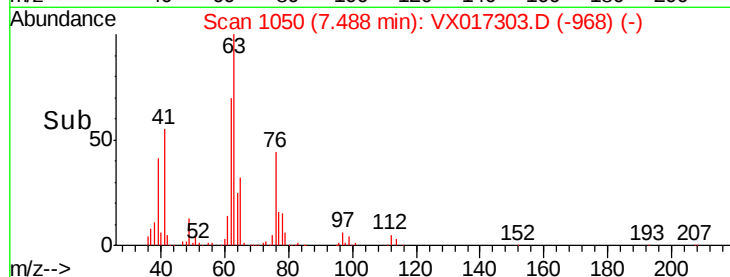
20000

10000

0

7.40 7.50 7.60

Time-->



#40

Dibromomethane

Concen: 20.912 ug/l

RT: 7.63 min Scan# 1074

Delta R.T. -0.01 min

Lab File: VX017303.D

Acq: 09 Jul 2020 13:21

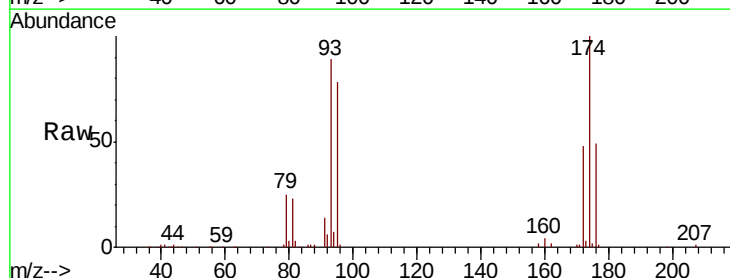
Tgt Ion: 93 Resp: 51457

Ion Ratio Lower Upper

93 100

95 85.1 0.0 164.4

174 116.0 0.0 224.8



Abundance Ion 93.00 (92.70 to 93.70): VX0

Ion 95.00 (94.70 to 95.70): VX0

Ion 174.00 (173.70 to 174.70): V

40000

30000

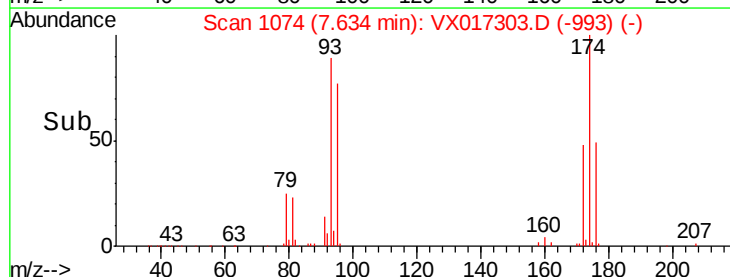
20000

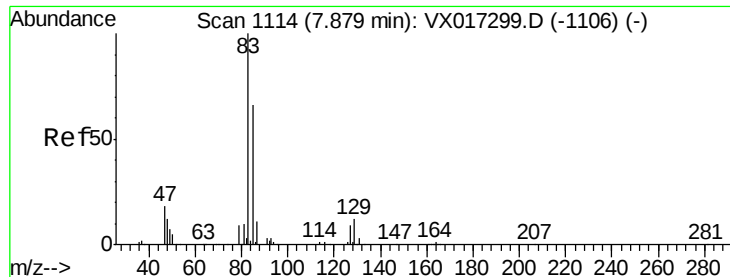
10000

0

7.55 7.60 7.65 7.70

Time-->





#41

Bromodichloromethane

Concen: 21.288 ug/l

RT: 7.87 min Scan# 1113

Delta R.T. -0.01 min

Lab File: VX017303.D

Acq: 09 Jul 2020 13:21

Instrument :

MSVOA_X

ClientSampleId :

ICVVX070920

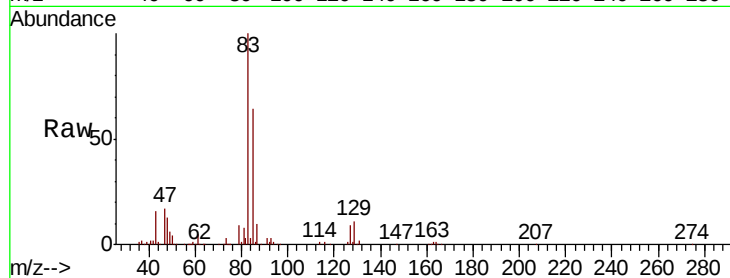
Tot Ion: 83 Resp: 109318

Ion Ratio Lower Upper

83 100

85 63.7 53.1 79.7

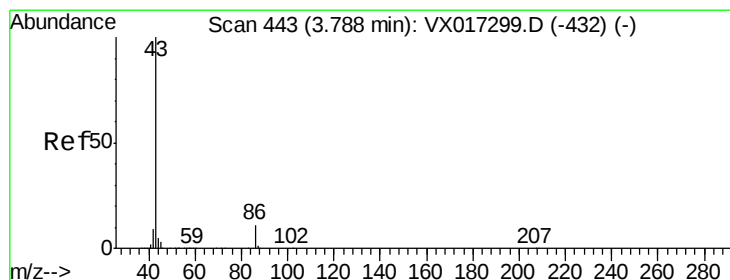
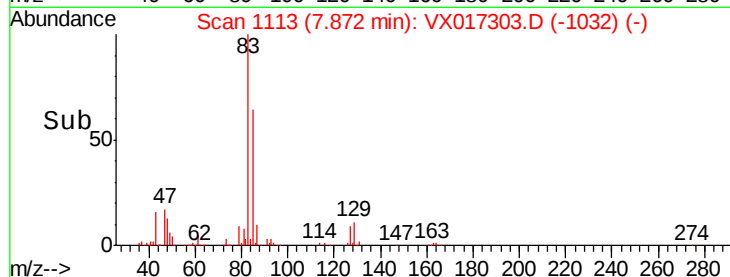
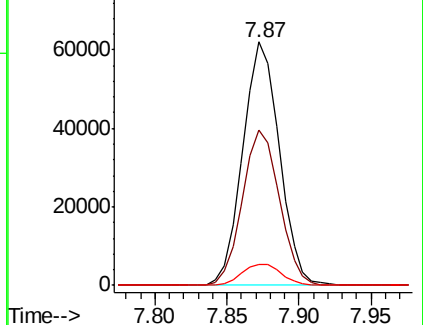
127 8.5 7.3 10.9



Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 85.00 (84.70 to 85.70): VX0

Ion 127.00 (126.70 to 127.70): V



#42

Vinyl Acetate

Concen: 107.237 ug/l

RT: 3.78 min Scan# 442

Delta R.T. -0.01 min

Lab File: VX017303.D

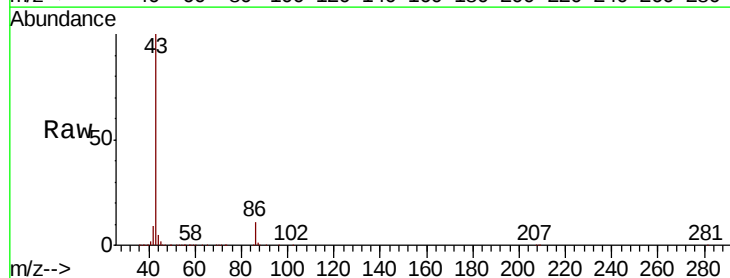
Acq: 09 Jul 2020 13:21

Tgt Ion: 43 Resp: 984702

Ion Ratio Lower Upper

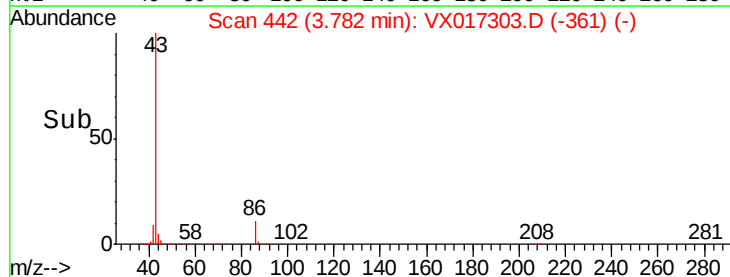
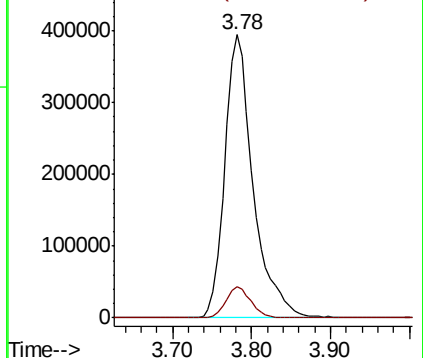
43 100

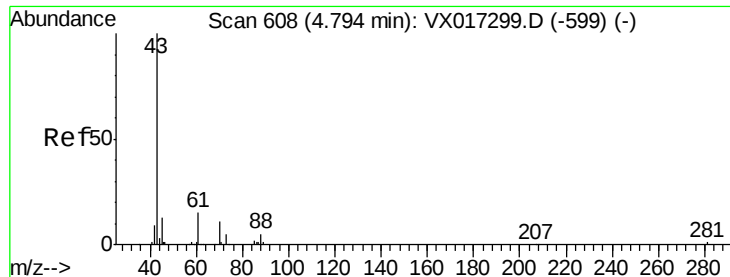
86 9.7 7.9 11.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

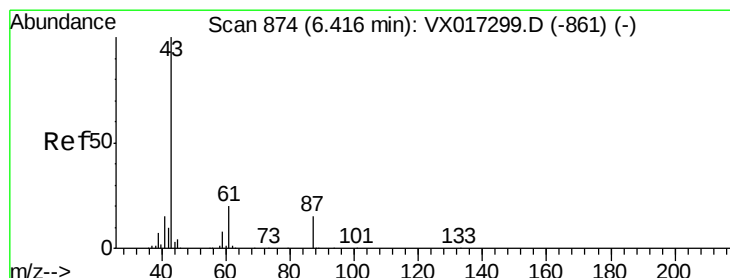
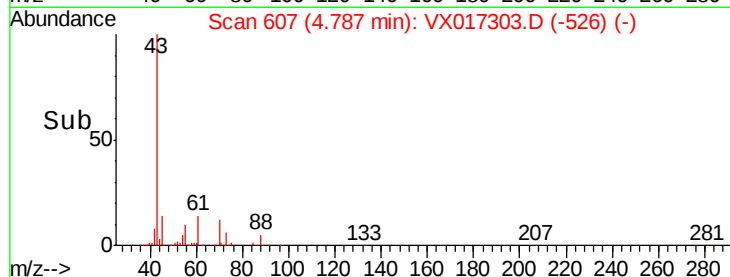
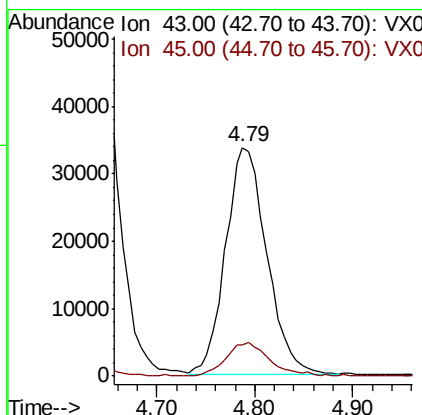
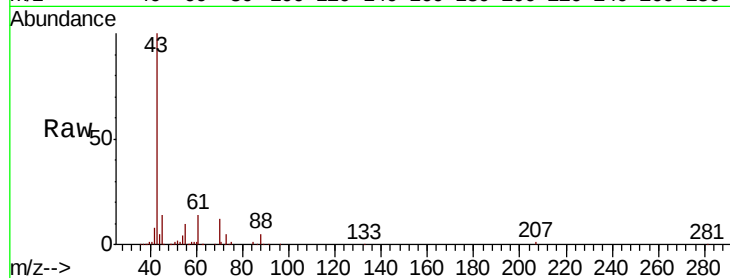




#43
Ethyl Acetate
Concen: 20.764 ug/l
RT: 4.79 min Scan# 607
Delta R.T. -0.01 min
Lab File: VX017303.D
Acq: 09 Jul 2020 13:21

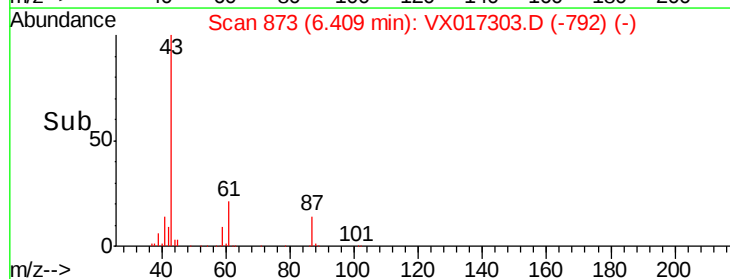
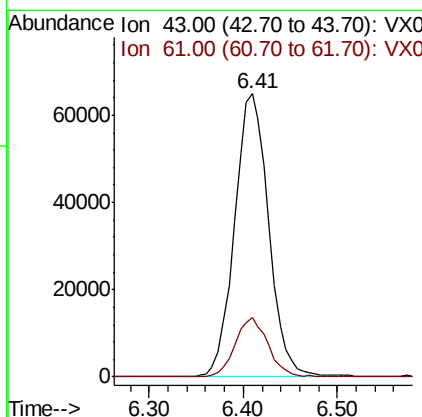
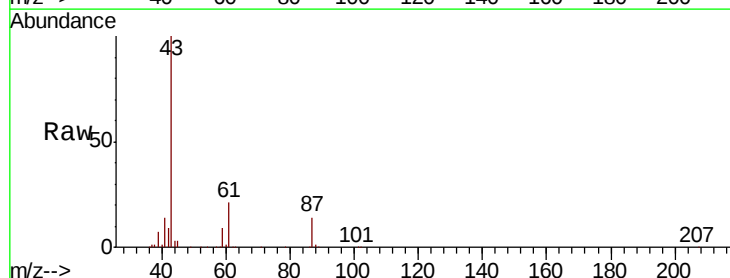
Instrument :
MSVOA_X
ClientSampleId :
ICVVX070920

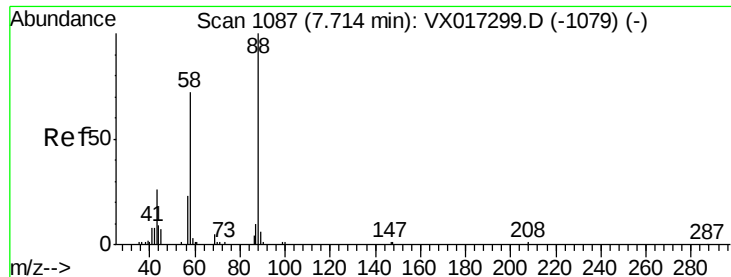
Tot Ion: 43 Resp: 98136
Ion Ratio Lower Upper
43 100
45 15.4 12.1 18.1



#44
Isopropyl Acetate
Concen: 20.792 ug/l
RT: 6.41 min Scan# 873
Delta R.T. -0.01 min
Lab File: VX017303.D
Acq: 09 Jul 2020 13:21

Tgt Ion: 43 Resp: 163499
Ion Ratio Lower Upper
43 100
61 20.3 15.7 23.5





#45

1,4-Dioxane

Concen: 395.949 ug/l

RT: 7.71 min Scan# 1086

Delta R.T. -0.01 min

Lab File: VX017303.D

Acq: 09 Jul 2020 13:21

Instrument :

MSVOA_X

ClientSampleId :

ICVVX070920

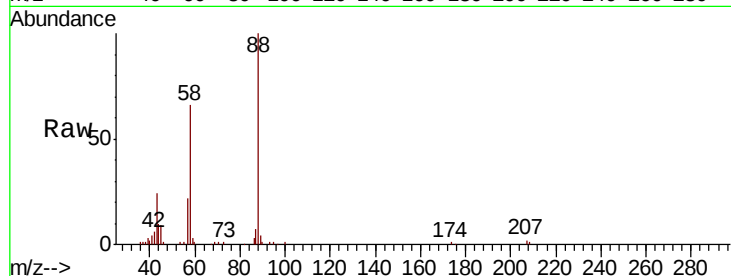
Tot Ion: 88 Resp: 29679

Ion Ratio Lower Upper

88 100

43 32.3 29.0 43.4

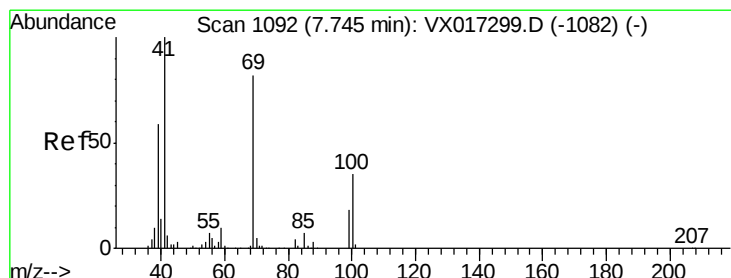
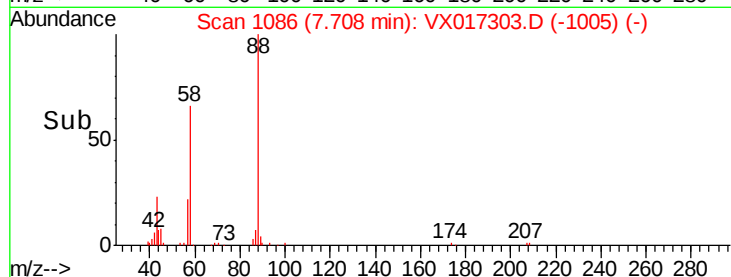
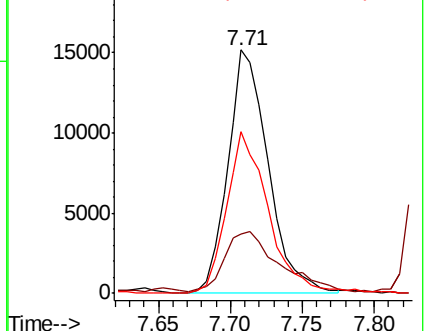
58 67.9 58.3 87.5



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



#46

Methyl methacrylate

Concen: 19.982 ug/l

RT: 7.74 min Scan# 1092

Delta R.T. -0.00 min

Lab File: VX017303.D

Acq: 09 Jul 2020 13:21

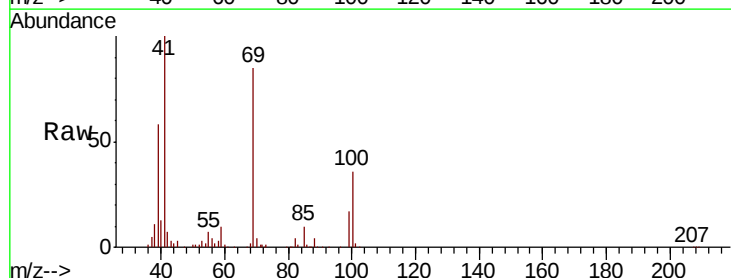
Tgt Ion: 41 Resp: 76545

Ion Ratio Lower Upper

41 100

69 84.9 41.1 123.3

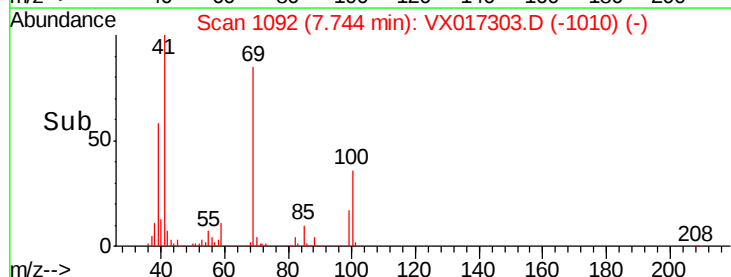
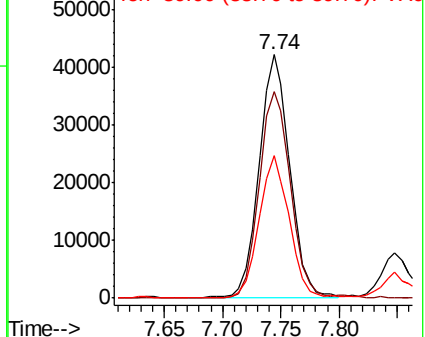
39 58.4 29.2 87.6

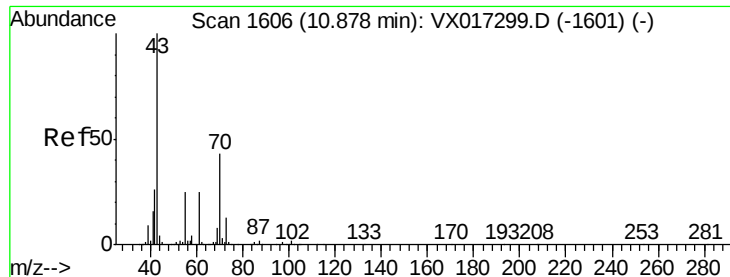


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

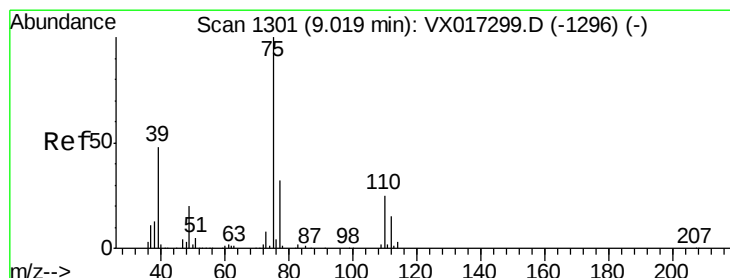
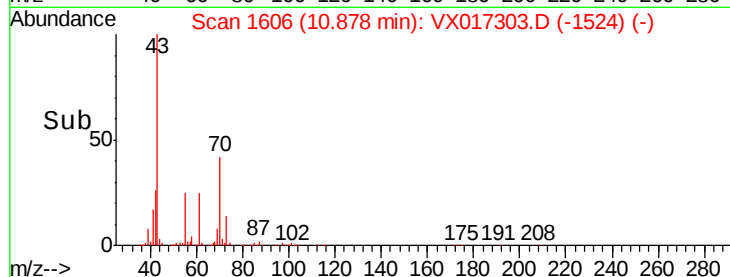
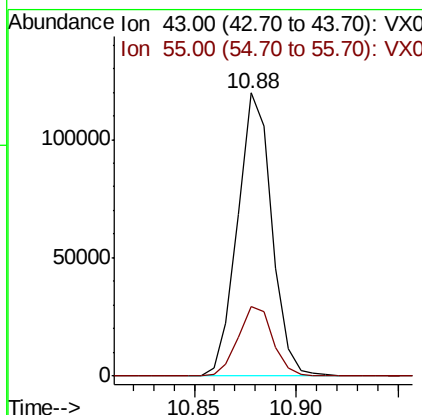
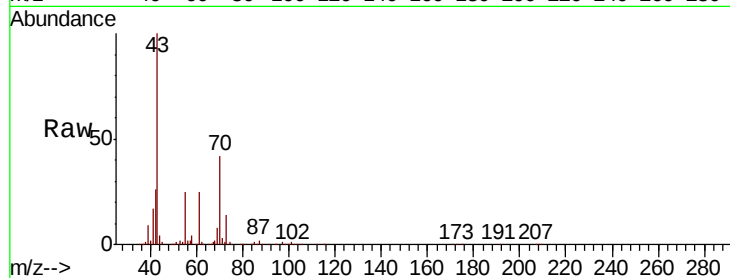




#47
n-amvl Acetate
Concen: 19.964 ug/l
RT: 10.88 min Scan# 1606
Delta R.T. -0.00 min
Lab File: VX017303.D
Acq: 09 Jul 2020 13:21

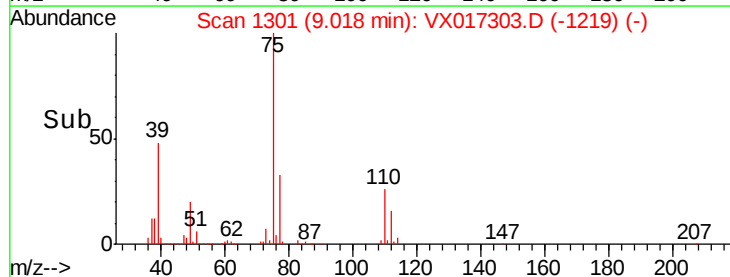
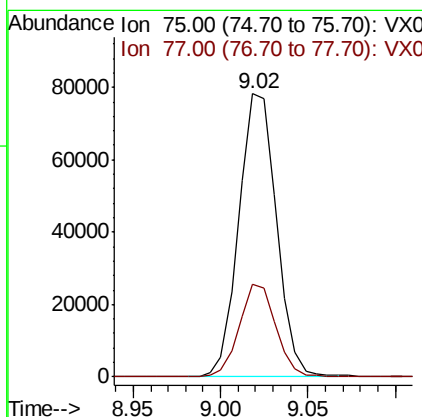
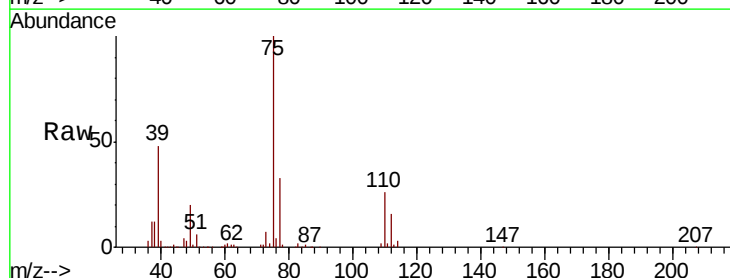
Instrument :
MSVOA_X
ClientSampleId :
ICVVX070920

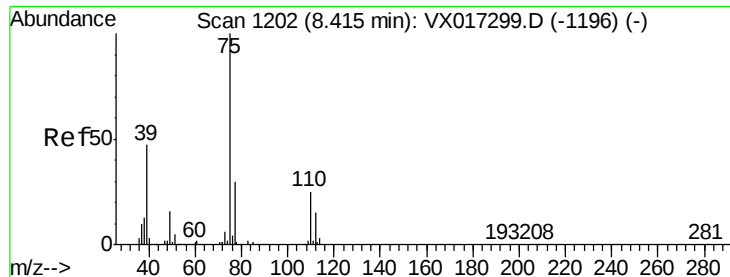
Tot Ion: 43 Resp: 139008
Ion Ratio Lower Upper
43 100
55 25.4 20.4 30.6



#48
t-1,3-Dichloropropene
Concen: 20.781 ug/l
RT: 9.02 min Scan# 1301
Delta R.T. -0.00 min
Lab File: VX017303.D
Acq: 09 Jul 2020 13:21

Tgt Ion: 75 Resp: 117812
Ion Ratio Lower Upper
75 100
77 32.5 25.6 38.4



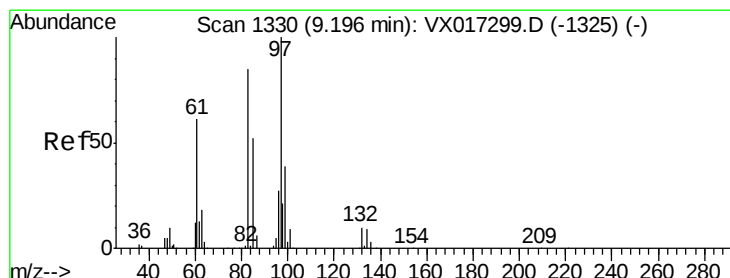
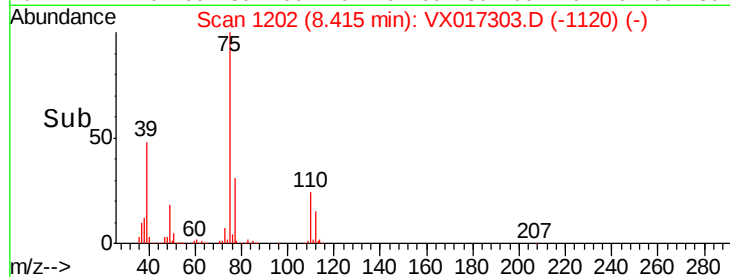
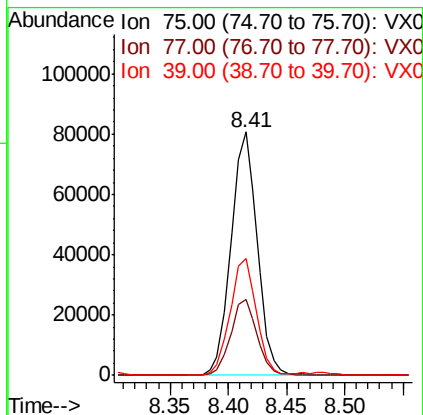
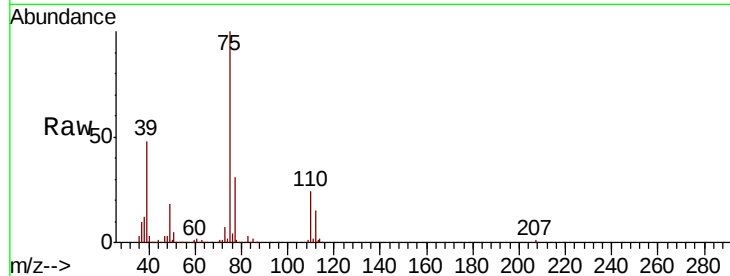


#49

cis-1,3-Dichloropropene
 Concen: 21.413 ug/l
 RT: 8.41 min Scan# 1202
 Delta R.T. -0.00 min
 Lab File: VX017303.D
 Acq: 09 Jul 2020 13:21

Instrument :
 MSVOA_X
 ClientSampled :
 ICVVX070920

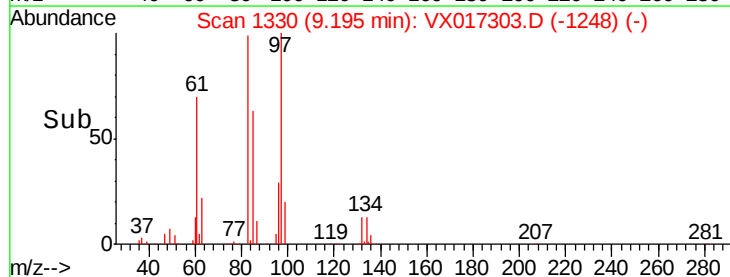
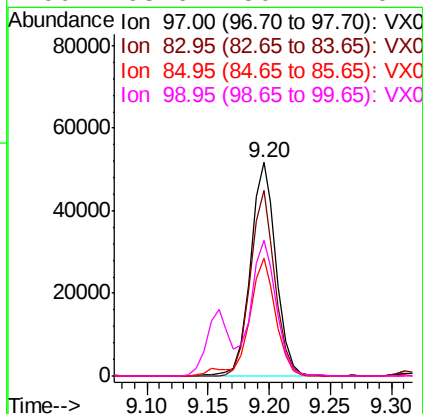
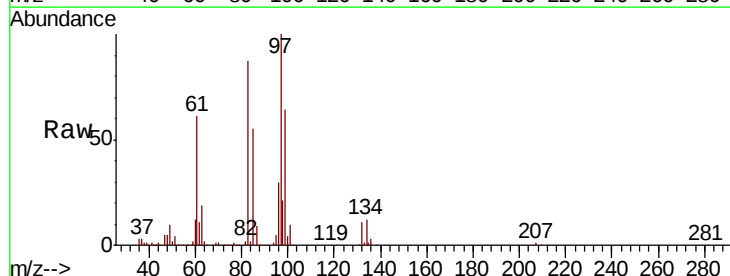
Tot Ion	Ratio	Lower	Upper
75	100		
77	31.1	23.6	35.4
39	47.8	37.5	56.3

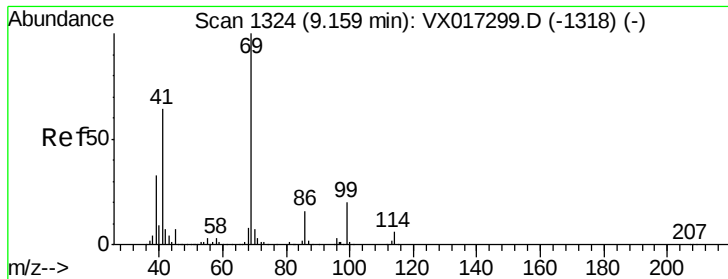


#50

1,1,2-Trichloroethane
 Concen: 20.569 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. -0.00 min
 Lab File: VX017303.D
 Acq: 09 Jul 2020 13:21

Tgt Ion	Ratio	Lower	Upper
97	100		
83	86.7	67.9	101.9
85	54.8	42.6	64.0
99	63.6	50.7	76.1





#51

Ethyl methacrylate

Concen: 20.564 ug/l

RT: 9.16 min Scan# 1324

Delta R.T. -0.00 min

Lab File: VX017303.D

Acq: 09 Jul 2020 13:21

Instrument :

MSVOA_X

ClientSampleId :

ICVVX070920

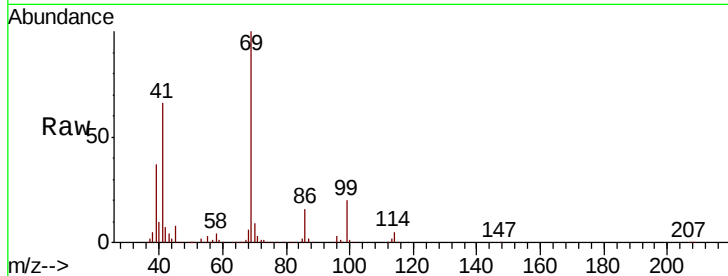
Tot Ion: 69 Resp: 109216

Ion Ratio Lower Upper

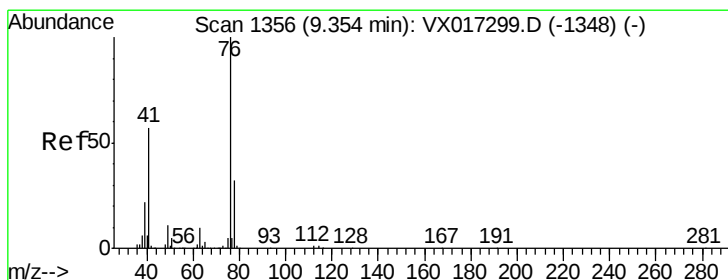
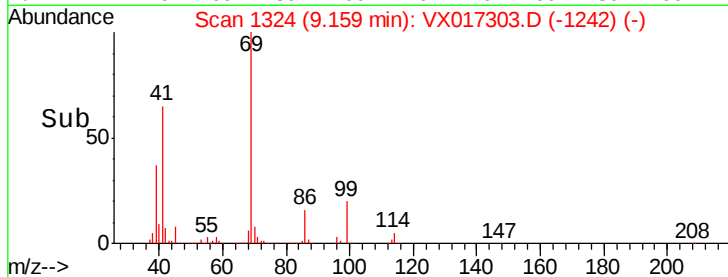
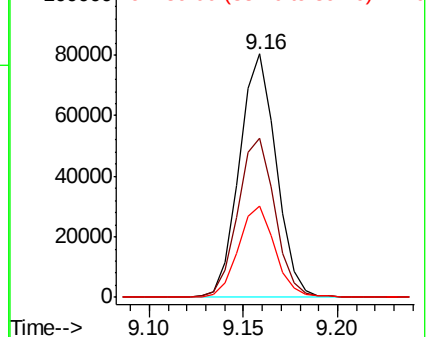
69 100

41 65.4 32.1 96.5

39 37.4 16.3 48.9



Abundance Ion 69.00 (68.70 to 69.70): VX0
Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0



#52

1,3-Dichloropropane

Concen: 21.082 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. -0.00 min

Lab File: VX017303.D

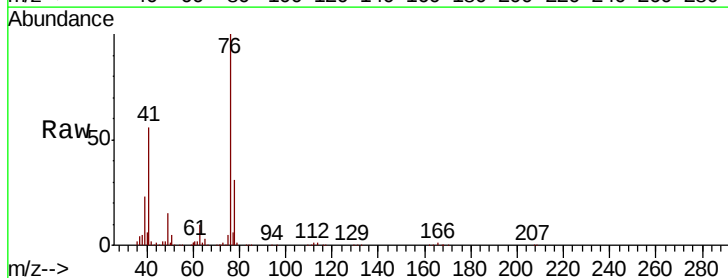
Acq: 09 Jul 2020 13:21

Tgt Ion: 76 Resp: 125183

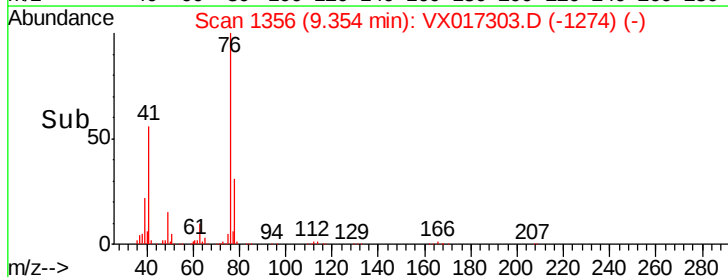
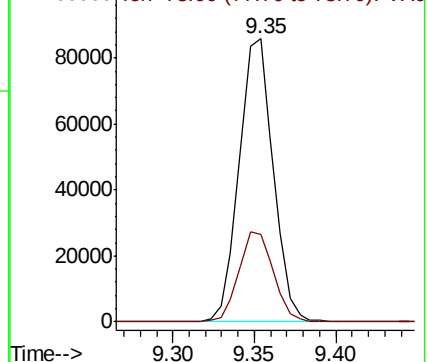
Ion Ratio Lower Upper

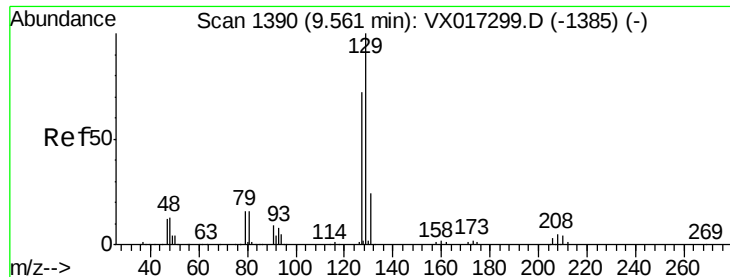
76 100

78 32.3 0.0 65.6



Abundance Ion 76.00 (75.70 to 76.70): VX0
Ion 78.00 (77.70 to 78.70): VX0





#53

Dibromochloromethane

Concen: 20.400 ug/l

RT: 9.56 min Scan# 1390

Delta R.T. -0.00 min

Lab File: VX017303.D

Acq: 09 Jul 2020 13:21

Instrument :

MSVOA_X

ClientSampleId :

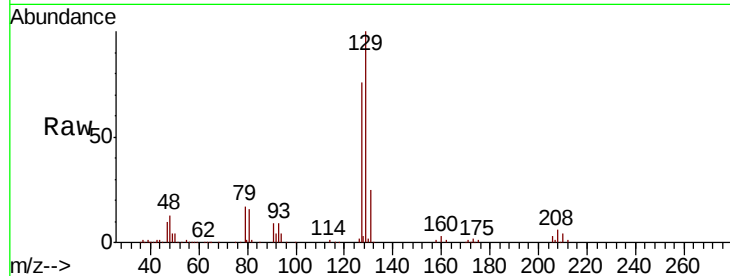
ICVVX070920

Tot Ion:129 Resp: 90775

Ion Ratio Lower Upper

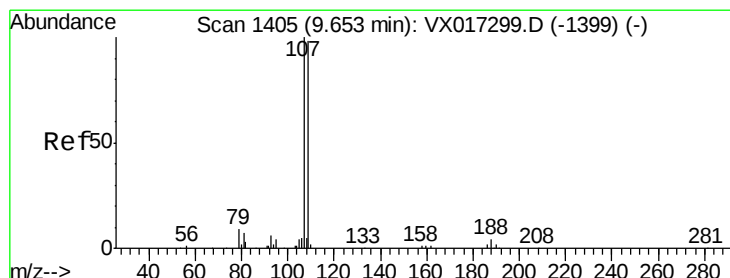
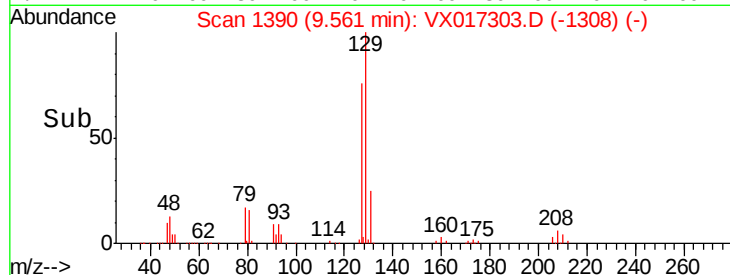
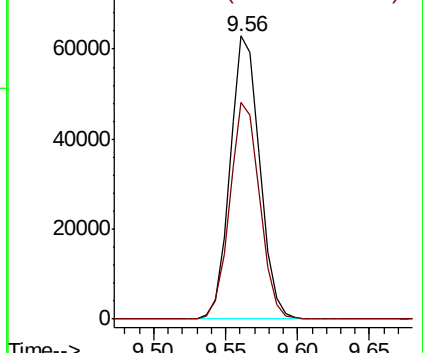
129 100

127 77.2 37.5 112.5



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V



#54

1,2-Dibromoethane

Concen: 20.371 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. -0.00 min

Lab File: VX017303.D

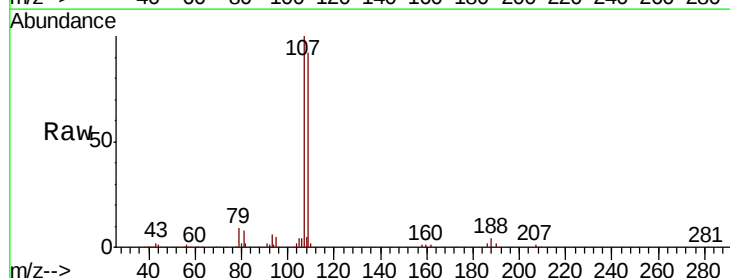
Acq: 09 Jul 2020 13:21

Tgt Ion:107 Resp: 79402

Ion Ratio Lower Upper

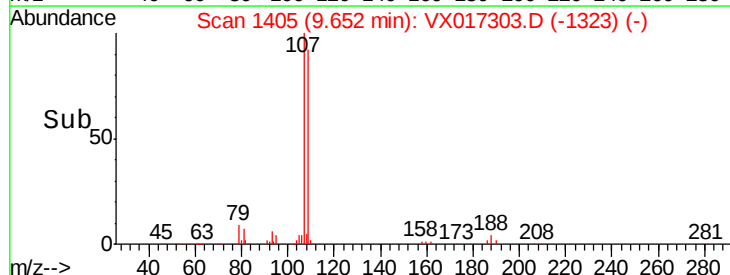
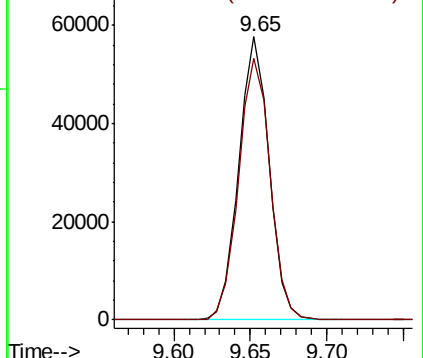
107 100

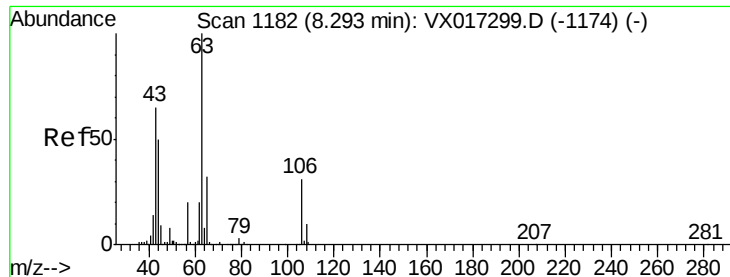
109 96.0 76.9 115.3



Abundance Ion 107.00 (106.70 to 107.70): V

Ion 109.00 (108.70 to 109.70): V

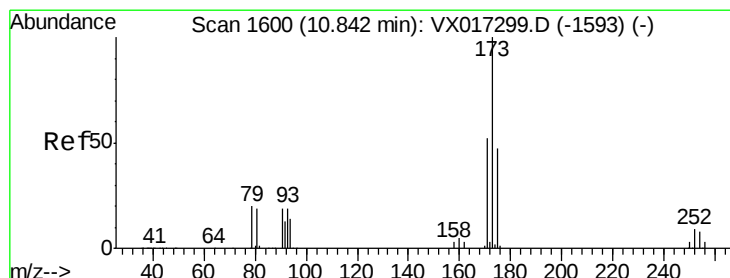
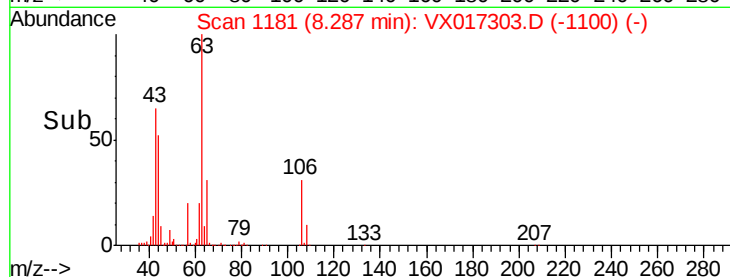
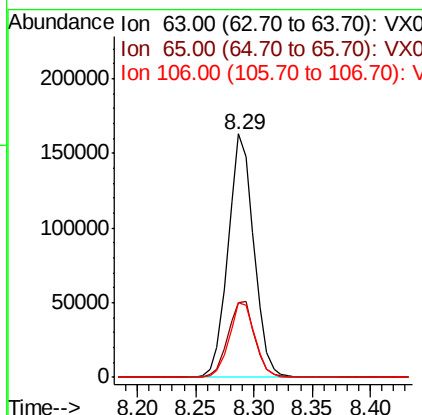
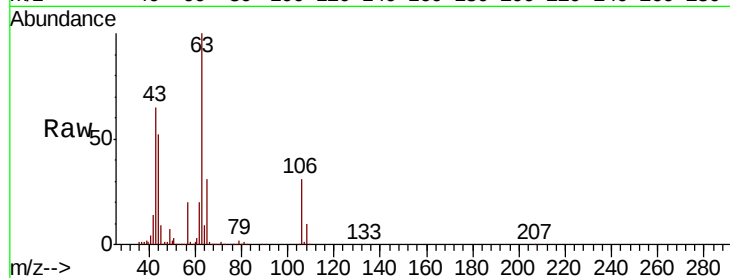




#55
2-Chloroethyl vinyl ether
Concen: 99.367 ug/l
RT: 8.29 min Scan# 1181
Delta R.T. -0.01 min
Lab File: VX017303.D
Acq: 09 Jul 2020 13:21

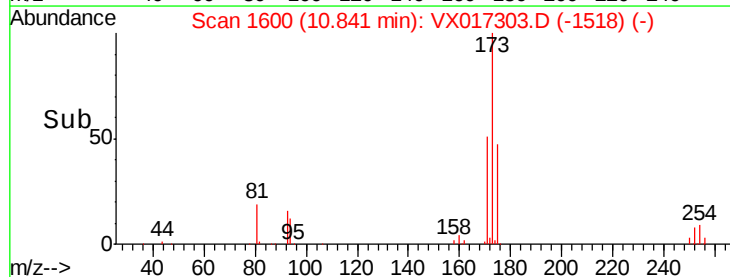
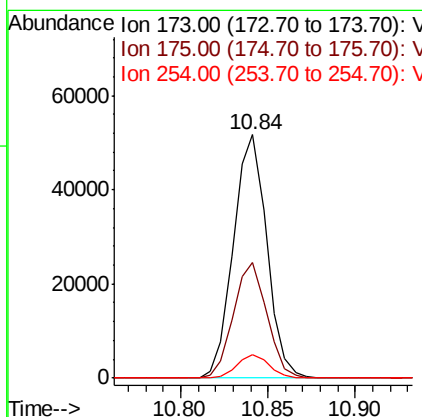
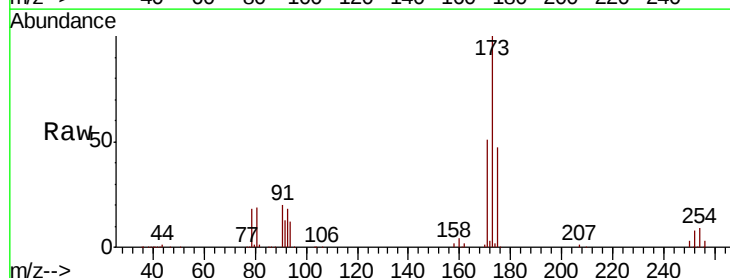
Instrument :
MSVOA_X
ClientSampleId :
ICVVX070920

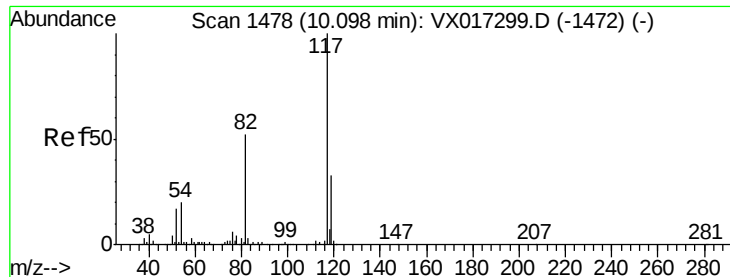
Tot Ion: 63 Resp: 249932
Ion Ratio Lower Upper
63 100
65 32.5 25.4 38.0
106 30.6 24.5 36.7



#56
Bromoform
Concen: 19.825 ug/l
RT: 10.84 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VX017303.D
Acq: 09 Jul 2020 13:21

Tgt Ion: 173 Resp: 68816
Ion Ratio Lower Upper
173 100
175 47.4 38.4 57.6
254 9.1 7.0 10.4

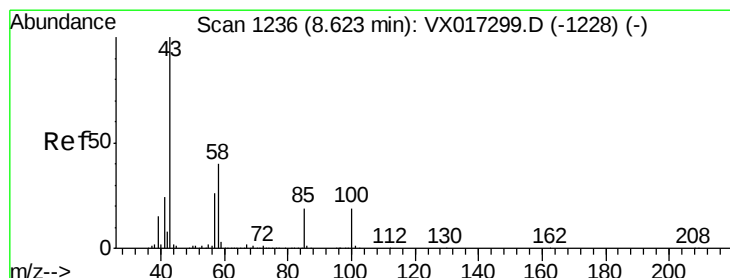
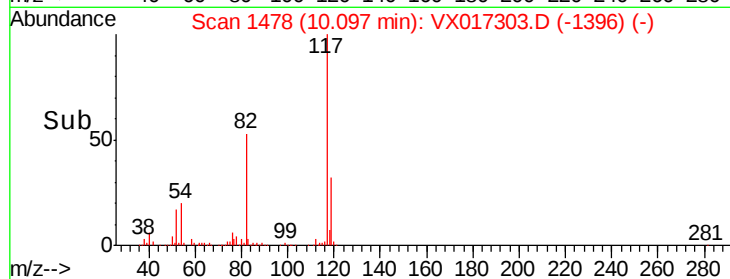
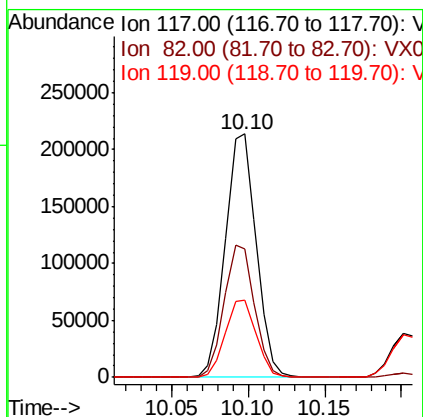
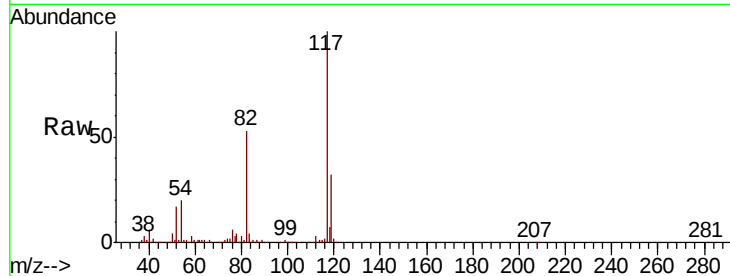




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX017303.D
Acq: 09 Jul 2020 13:21

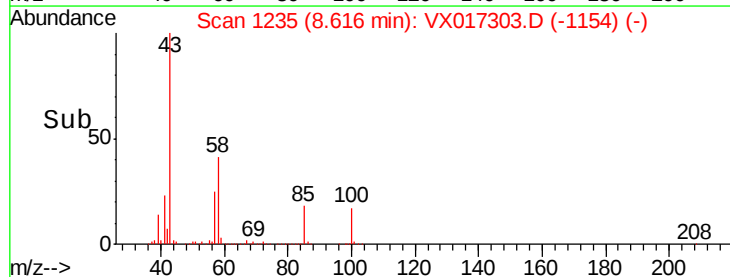
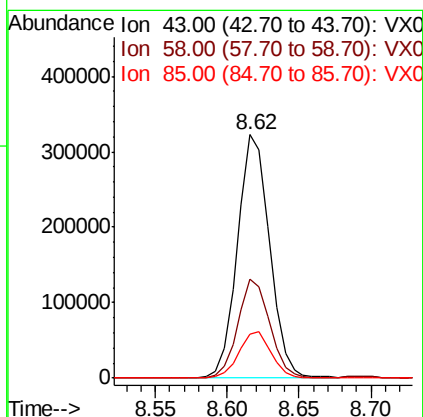
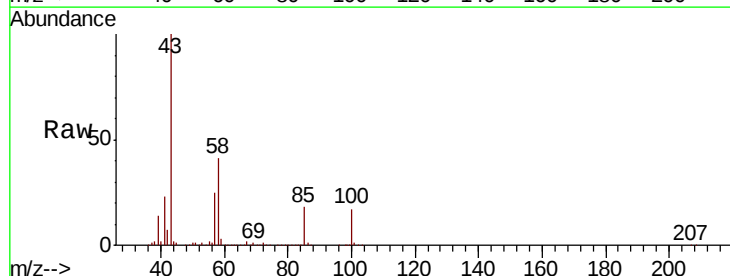
Instrument :
MSVOA_X
ClientSampled :
ICVVX070920

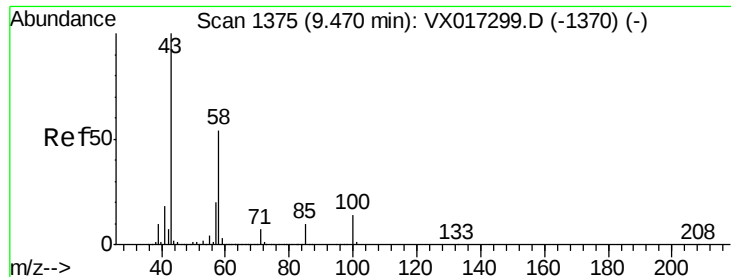
Tot Ion:117 Resp: 298714
Ion Ratio Lower Upper
117 100
82 53.6 42.2 63.4
119 32.0 26.4 39.6



#58
4-Methyl-2-Pentanone
Concen: 106.110 ug/l
RT: 8.62 min Scan# 1235
Delta R.T. -0.01 min
Lab File: VX017303.D
Acq: 09 Jul 2020 13:21

Tgt Ion: 43 Resp: 502236
Ion Ratio Lower Upper
43 100
58 40.1 32.2 48.2
85 19.0 14.8 22.2

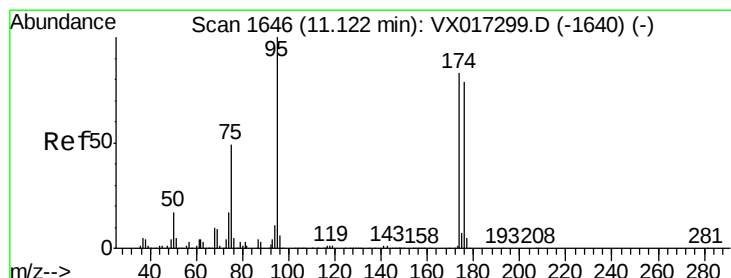
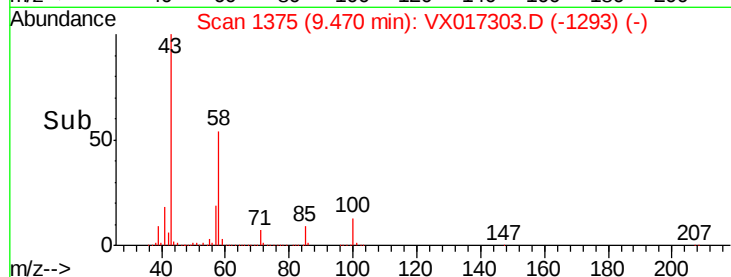
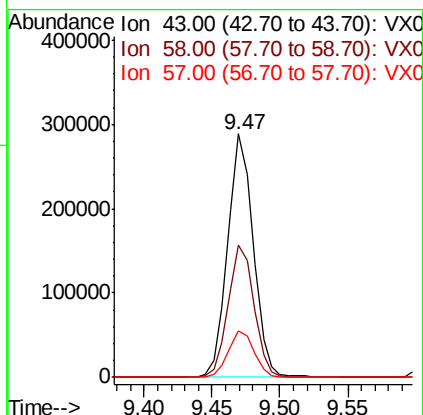
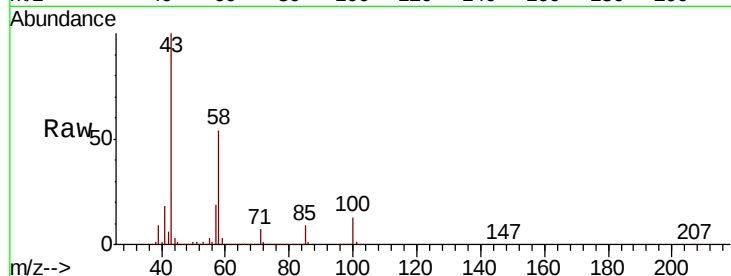




#59
2-Hexanone
Concen: 104.760 ug/l
RT: 9.47 min Scan# 1375
Delta R.T. -0.00 min
Lab File: VX017303.D
Acq: 09 Jul 2020 13:21

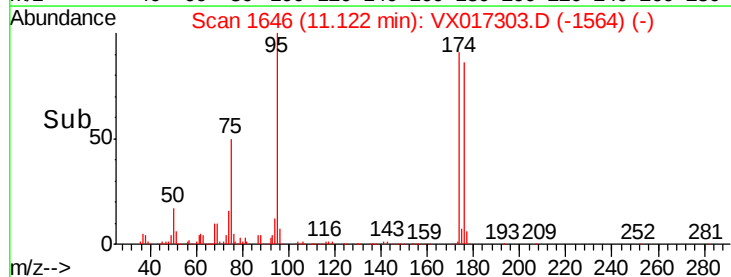
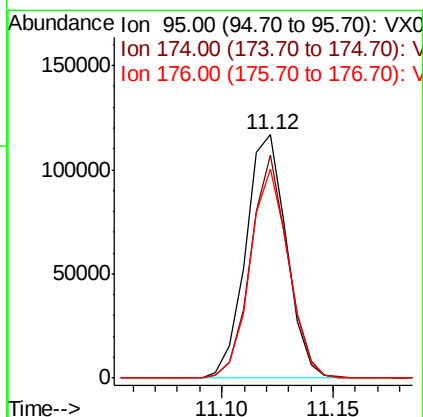
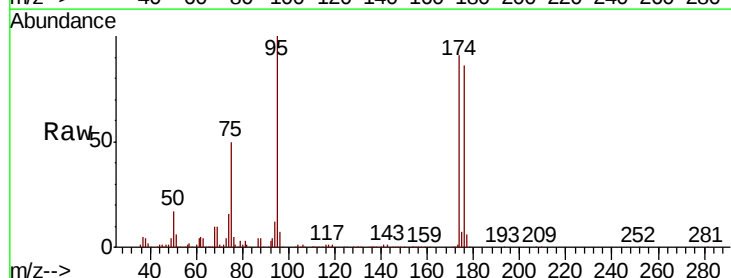
Instrument :
MSVOA_X
ClientSampleId :
ICVVX070920

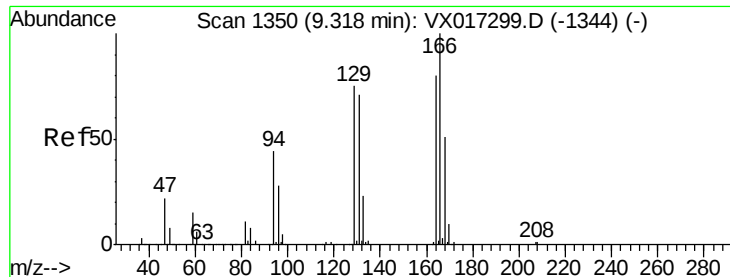
Tot Ion	Ratio	Lower	Upper
43	100		
58	55.1	43.4	65.0
57	19.4	15.1	22.7



#60
4-Bromofluorobenzene
Concen: 29.312 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. -0.00 min
Lab File: VX017303.D
Acq: 09 Jul 2020 13:21

Tgt Ion	Ratio	Lower	Upper
95	100		
174	83.8	66.9	100.3
176	81.5	65.5	98.3





#61

Tetrachloroethene

Concen: 22.583 ug/l

RT: 9.32 min Scan# 1350

Delta R.T. -0.00 min

Lab File: VX017303.D

Acq: 09 Jul 2020 13:21

Instrument :

MSVOA_X

ClientSampleId :

ICVVX070920

Tot Ion:164 Resp: 85934

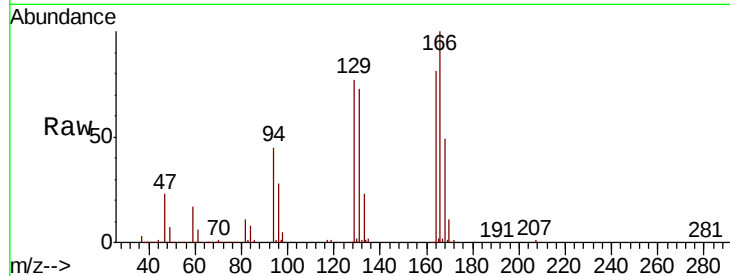
Ion Ratio Lower Upper

164 100

166 123.3 99.8 149.6

129 95.4 74.4 111.6

131 90.2 70.6 105.8

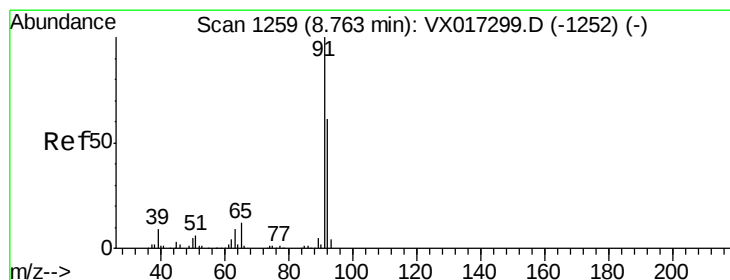
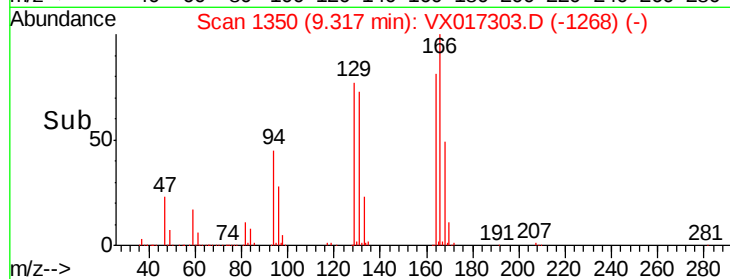
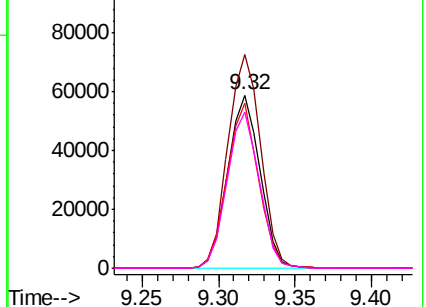


Abundance Ion 163.85 (163.55 to 164.55): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.90 (128.60 to 129.60): V

Ion 130.90 (130.60 to 131.60): V



#62

Toluene

Concen: 21.813 ug/l

RT: 8.76 min Scan# 1259

Delta R.T. -0.00 min

Lab File: VX017303.D

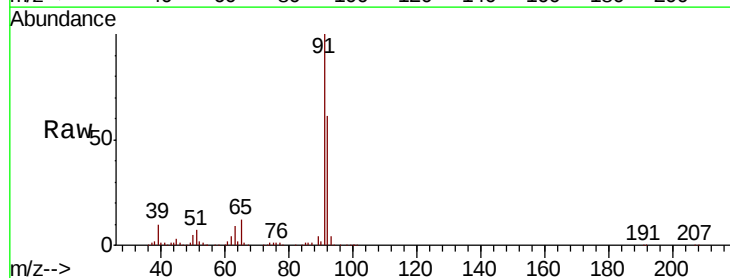
Acq: 09 Jul 2020 13:21

Tgt Ion: 91 Resp: 308459

Ion Ratio Lower Upper

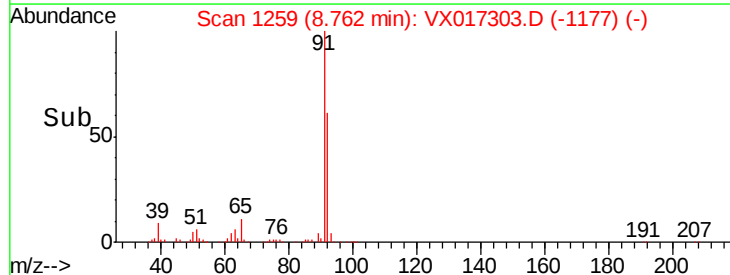
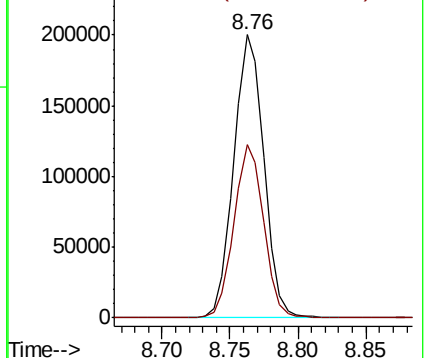
91 100

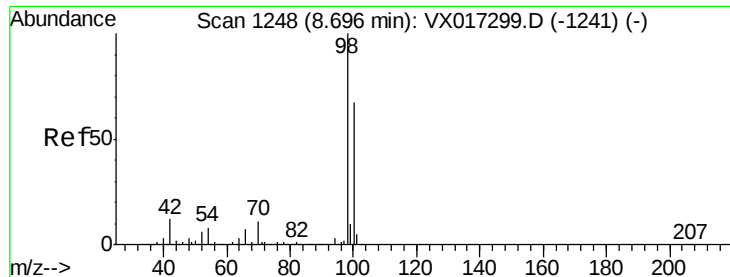
92 60.2 47.2 70.8



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 92.00 (91.70 to 92.70): VX0





#63

Toluene-d8

Concen: 30.601 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX017303.D

Acq: 09 Jul 2020 13:21

Instrument :

MSVOA_X

ClientSampleId :

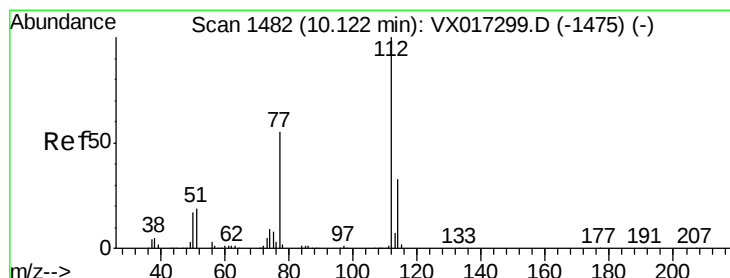
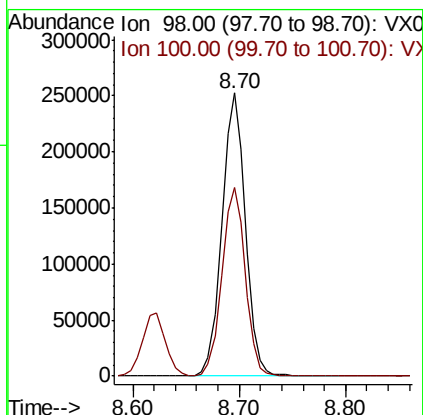
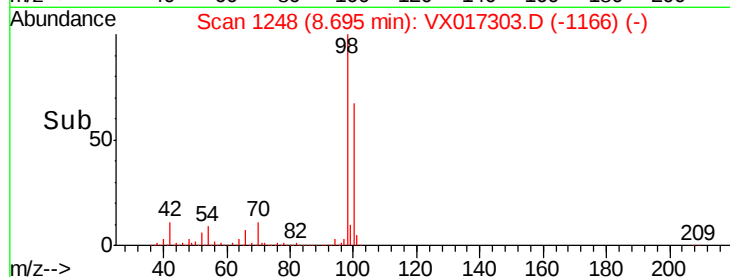
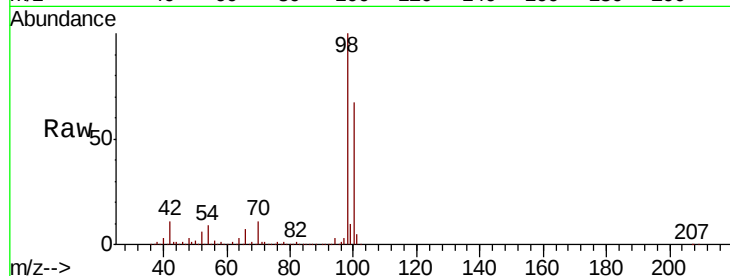
ICVVX070920

Tot Ion: 98 Resp: 386661

Ion Ratio Lower Upper

98 100

100 66.5 52.8 79.2



#64

Chlorobenzene

Concen: 21.572 ug/l

RT: 10.12 min Scan# 1482

Delta R.T. -0.00 min

Lab File: VX017303.D

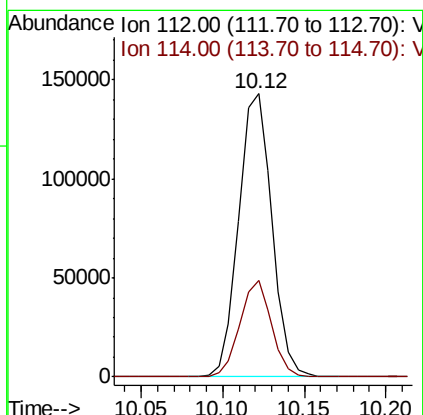
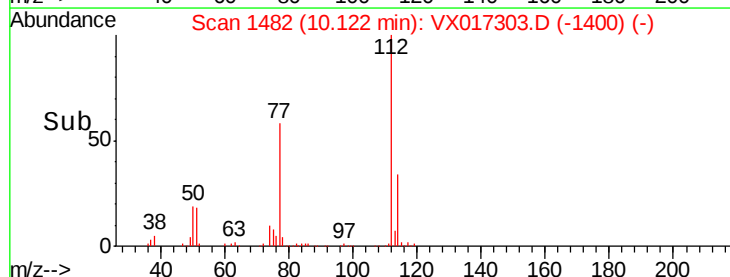
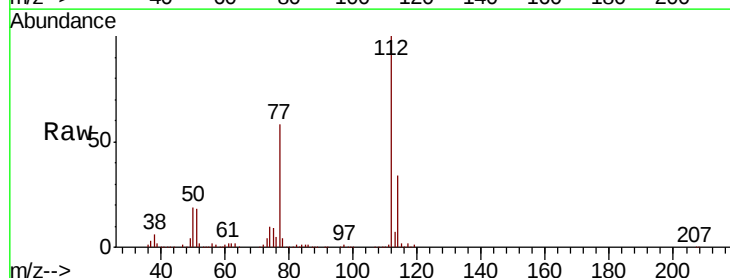
Acq: 09 Jul 2020 13:21

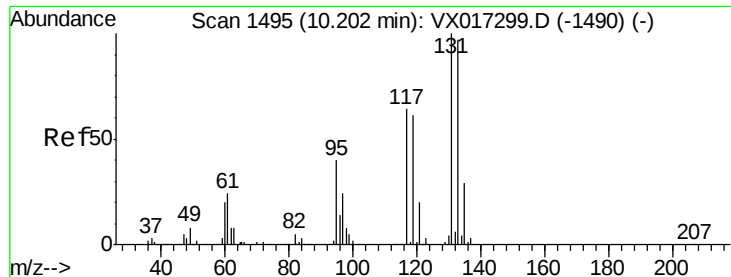
Tgt Ion: 112 Resp: 203529

Ion Ratio Lower Upper

112 100

114 34.1 26.2 39.2





#65

1,1,1,2-Tetrachloroethane

Concen: 21.170 ug/l

RT: 10.20 min Scan# 1495

Delta R.T. -0.00 min

Lab File: VX017303.D

Acq: 09 Jul 2020 13:21

Instrument :

MSVOA_X

ClientSampleId :

ICVVX070920

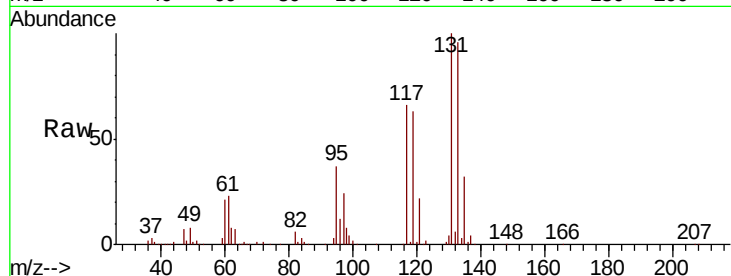
Tot Ion:131 Resp: 81609

Ion Ratio Lower Upper

131 100

133 95.9 0.0 196.8

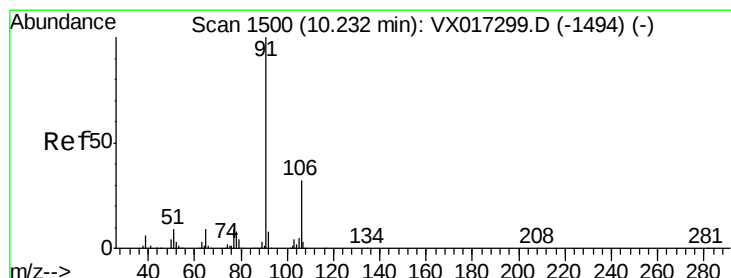
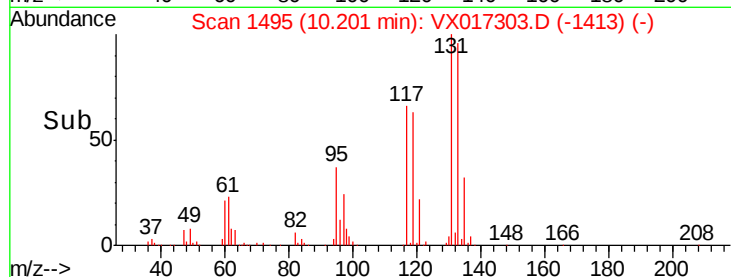
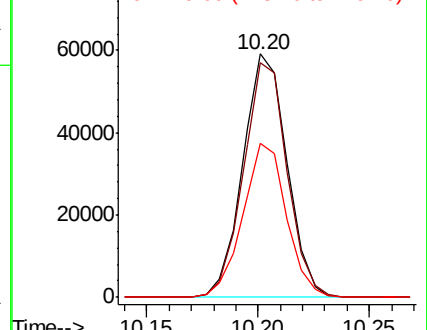
119 62.7 0.0 126.0



Abundance Ion 131.00 (130.70 to 131.70): V

Ion 133.00 (132.70 to 133.70): V

Ion 119.00 (118.70 to 119.70): V



#66

Ethyl Benzene

Concen: 21.874 ug/l

RT: 10.23 min Scan# 1500

Delta R.T. -0.00 min

Lab File: VX017303.D

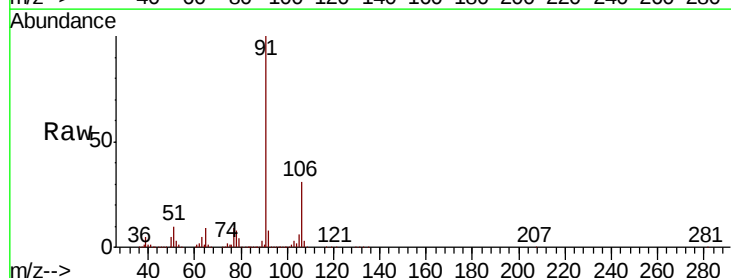
Acq: 09 Jul 2020 13:21

Tgt Ion: 91 Resp: 348104

Ion Ratio Lower Upper

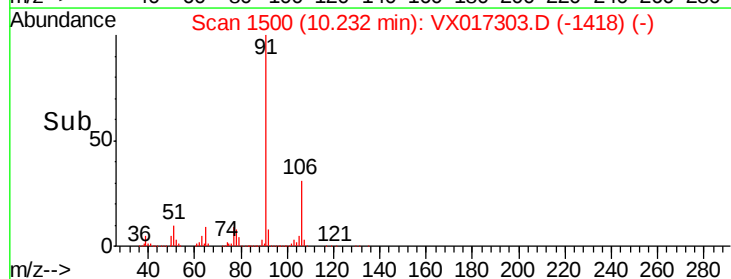
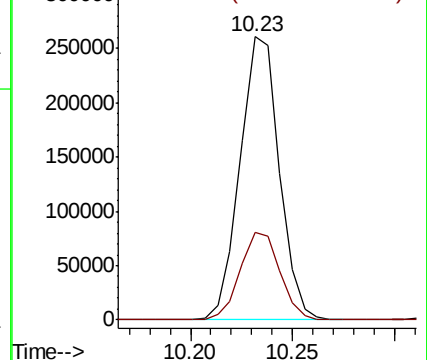
91 100

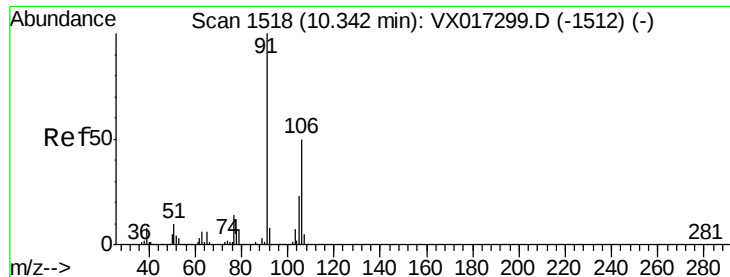
106 30.9 25.2 37.8



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V

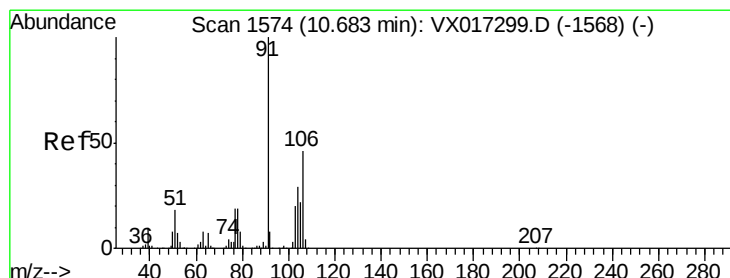
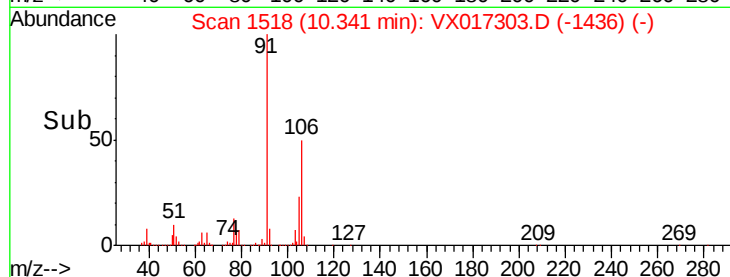
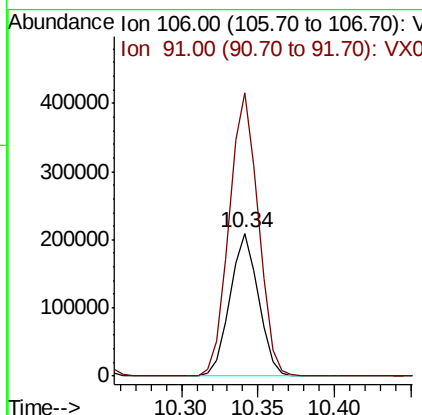
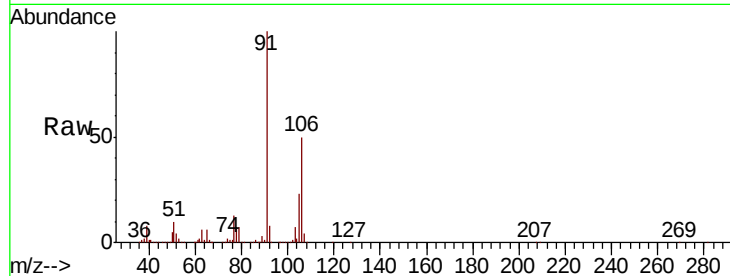




#67
m/p-Xylenes
Concen: 43.915 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. -0.00 min
Lab File: VX017303.D
Acq: 09 Jul 2020 13:21

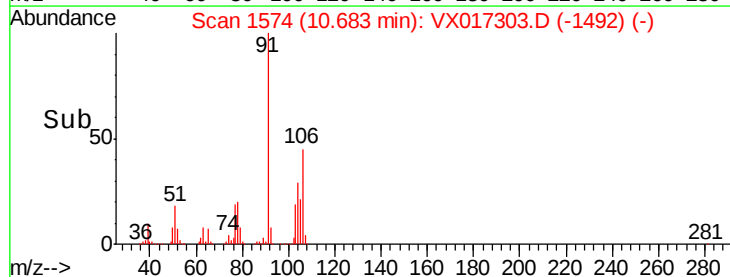
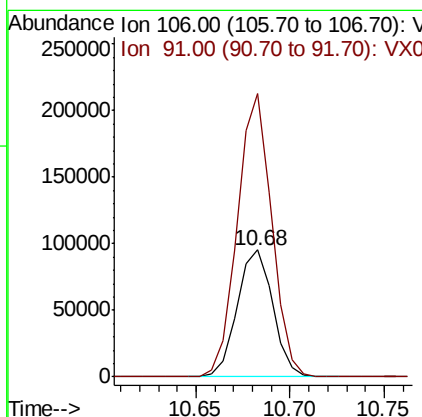
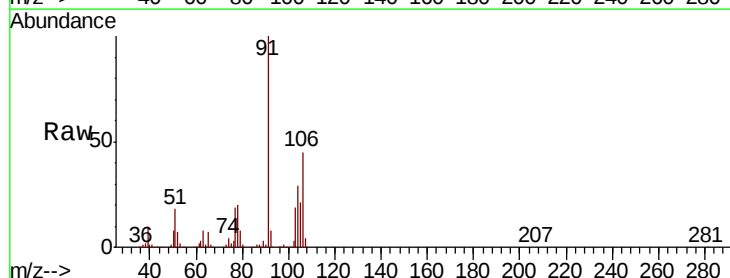
Instrument :
MSVOA_X
ClientSampleId :
ICVVX070920

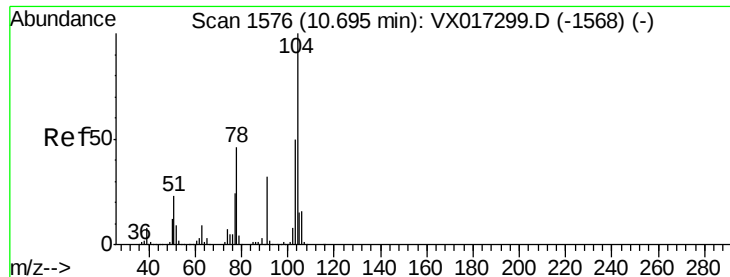
Tot Ion:106 Resp: 269985
Ion Ratio Lower Upper
106 100
91 203.0 159.7 239.5



#68
o-Xylene
Concen: 21.416 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX017303.D
Acq: 09 Jul 2020 13:21

Tgt Ion:106 Resp: 125118
Ion Ratio Lower Upper
106 100
91 215.3 109.6 328.8

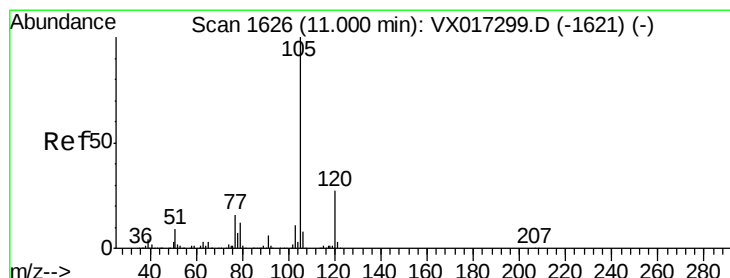
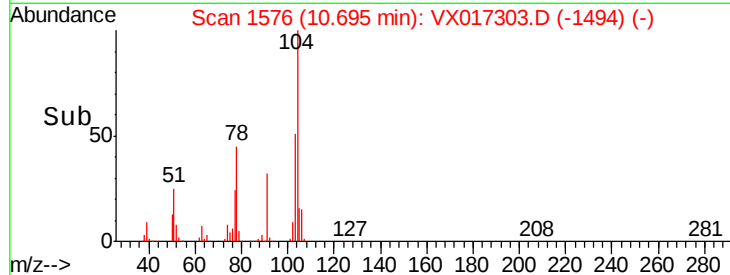
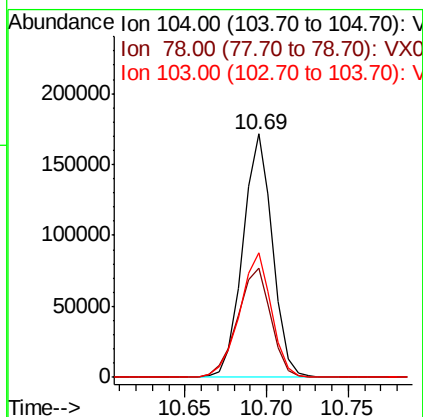
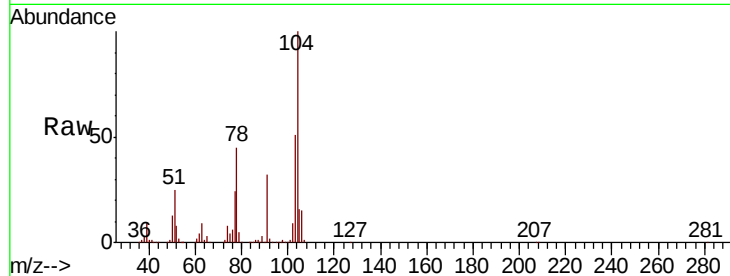




#69
Stvrene
Concen: 20.964 ug/l
RT: 10.69 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX017303.D
Acq: 09 Jul 2020 13:21

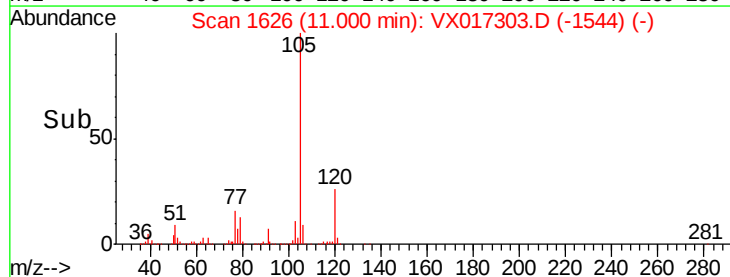
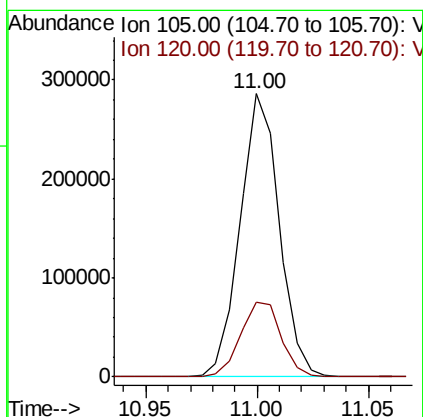
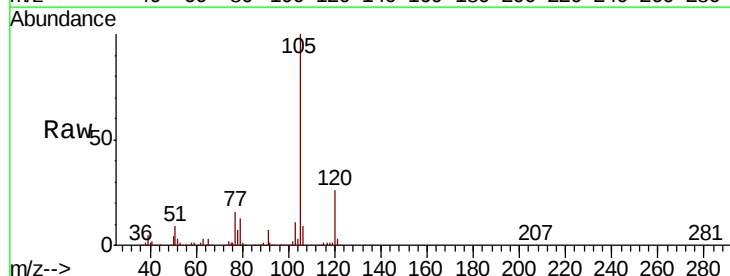
Instrument :
MSVOA_X
ClientSampleId :
ICVVX070920

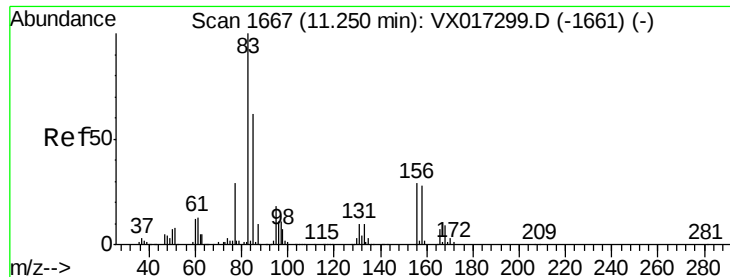
Tot Ion:104 Resp: 217207
Ion Ratio Lower Upper
104 100
78 50.3 40.8 61.2
103 54.9 44.3 66.5



#70
Isopropylbenzene
Concen: 21.808 ug/l
RT: 11.00 min Scan# 1626
Delta R.T. -0.00 min
Lab File: VX017303.D
Acq: 09 Jul 2020 13:21

Tgt Ion:105 Resp: 349490
Ion Ratio Lower Upper
105 100
120 27.7 19.3 35.8





#71

1,1,2,2-Tetrachloroethane

Concen: 21.278 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. -0.00 min

Lab File: VX017303.D

Acq: 09 Jul 2020 13:21

Instrument :

MSVOA_X

ClientSampled :

ICVVX070920

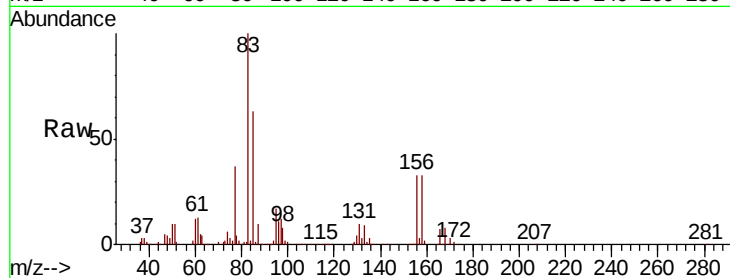
Tot Ion: 83 Resp: 106944

Ion Ratio Lower Upper

83 100

131 10.8 5.5 16.5

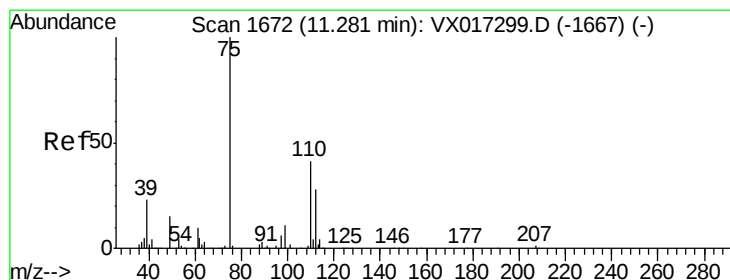
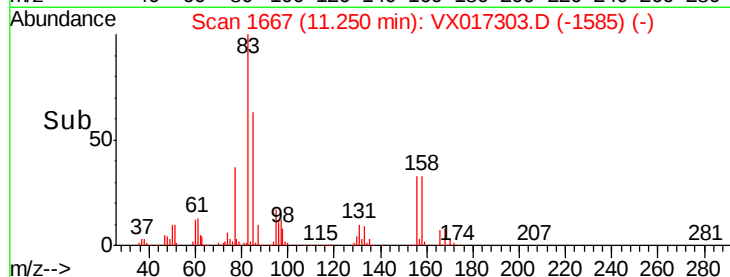
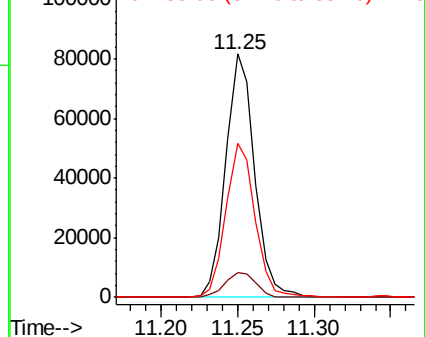
85 64.3 31.5 94.5



Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 131.00 (130.70 to 131.70): V

Ion 85.00 (84.70 to 85.70): VX0



#72

1,2,3-Trichloropropane

Concen: 27.305 ug/l

RT: 11.28 min Scan# 1672

Delta R.T. -0.00 min

Lab File: VX017303.D

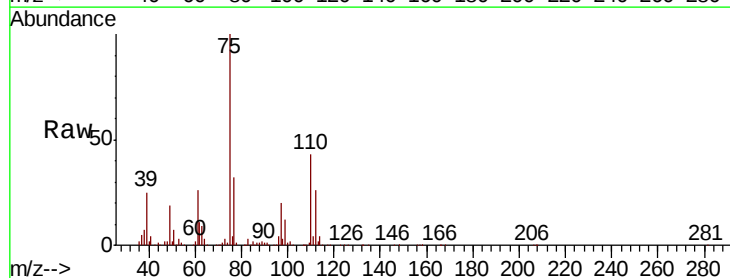
Acq: 09 Jul 2020 13:21

Tgt Ion: 75 Resp: 134804

Ion Ratio Lower Upper

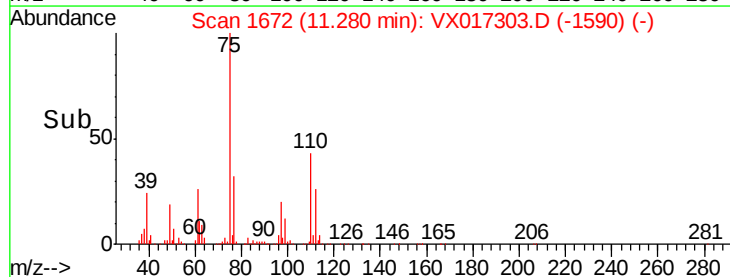
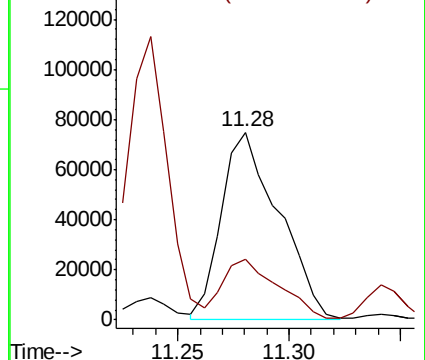
75 100

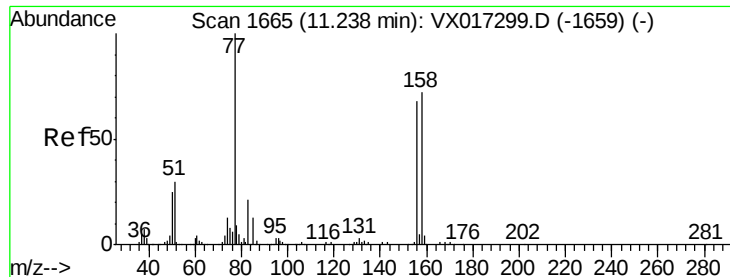
77 31.5 0.0 72.2



Abundance Ion 75.00 (74.70 to 75.70): VX0

Ion 77.00 (76.70 to 77.70): VX0





#73

Bromobenzene

Concen: 21.453 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX017303.D

Acq: 09 Jul 2020 13:21

Instrument :

MSVOA_X

ClientSampleId :

ICVVX070920

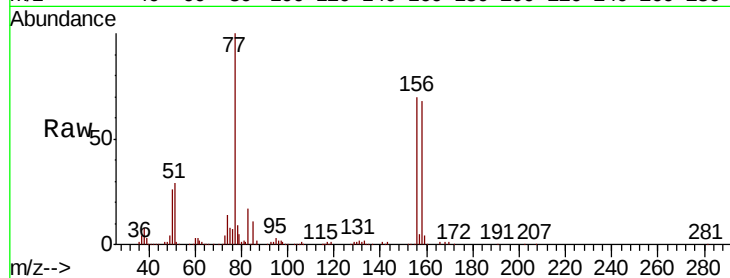
Tot Ion:156 Resp: 96592

Ion Ratio Lower Upper

156 100

77 147.9 0.0 299.2

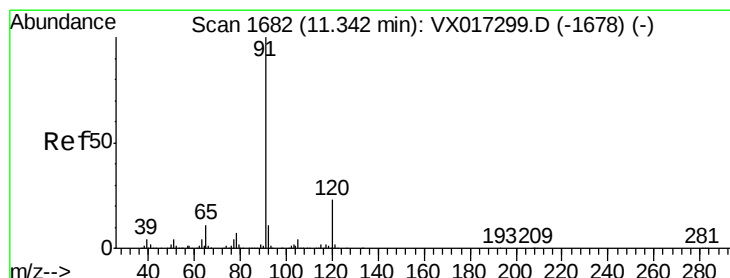
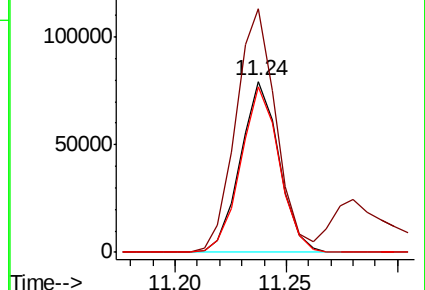
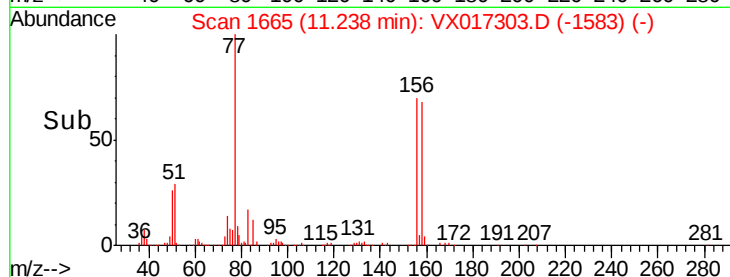
158 96.4 0.0 199.0



Abundance Ion 156.00 (155.70 to 156.70): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 158.00 (157.70 to 158.70): V



#74

n-propylbenzene

Concen: 21.748 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. -0.00 min

Lab File: VX017303.D

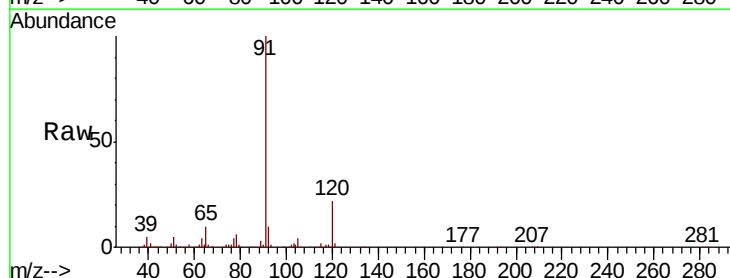
Acq: 09 Jul 2020 13:21

Tgt Ion: 91 Resp: 403760

Ion Ratio Lower Upper

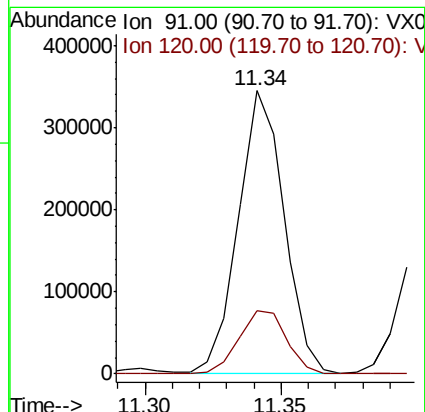
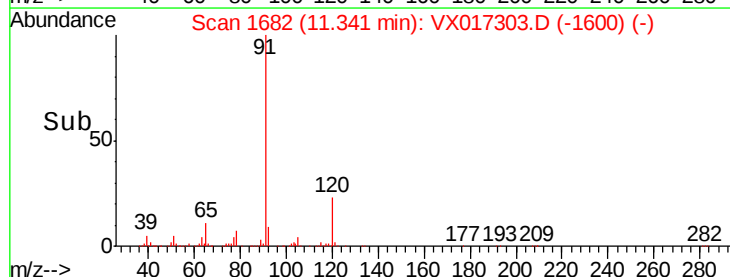
91 100

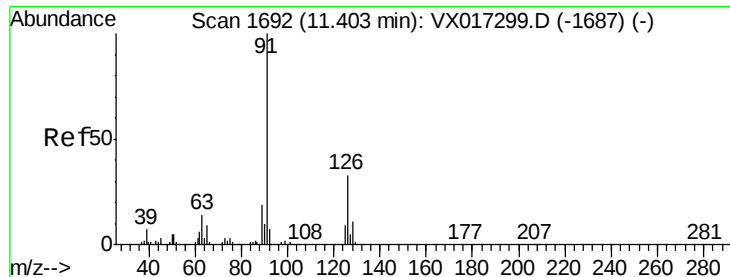
120 23.4 0.0 48.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#75

2-Chlorotoluene

Concen: 21.663 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. -0.00 min

Lab File: VX017303.D

Acq: 09 Jul 2020 13:21

Instrument :

MSVOA_X

ClientSampleId :

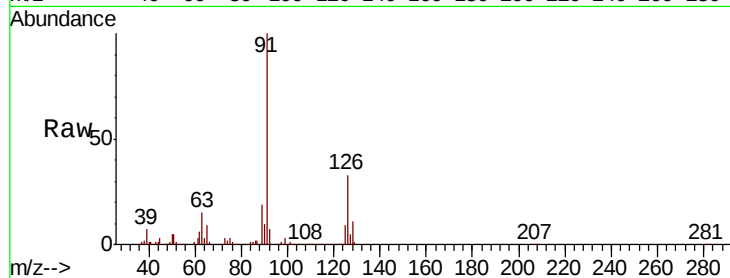
ICVVX070920

Tot Ion: 91 Resp: 245170

Ion Ratio Lower Upper

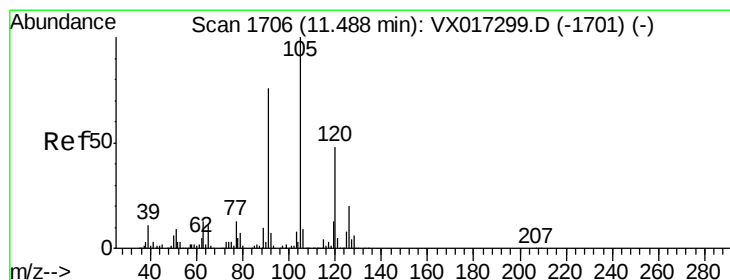
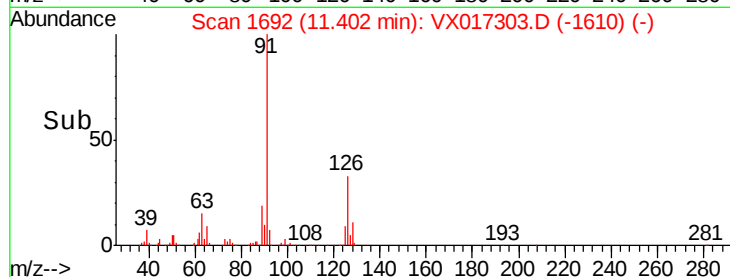
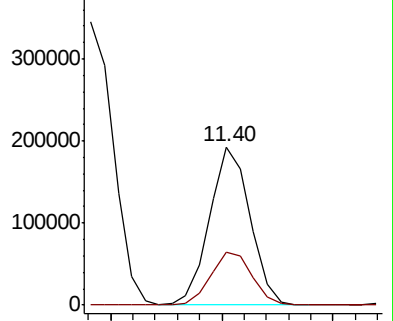
91 100

126 34.4 0.0 68.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 126.00 (125.70 to 126.70): V



#76

1,3,5-Trimethylbenzene

Concen: 21.774 ug/l

RT: 11.49 min Scan# 1706

Delta R.T. -0.00 min

Lab File: VX017303.D

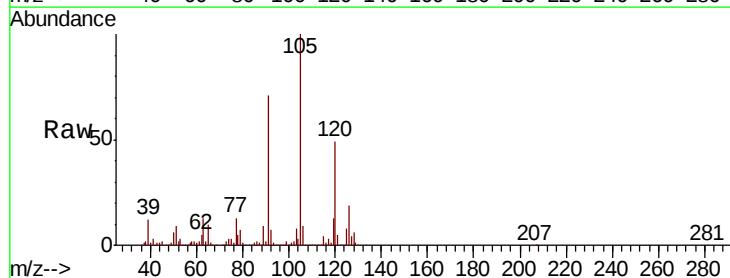
Acq: 09 Jul 2020 13:21

Tgt Ion:105 Resp: 299369

Ion Ratio Lower Upper

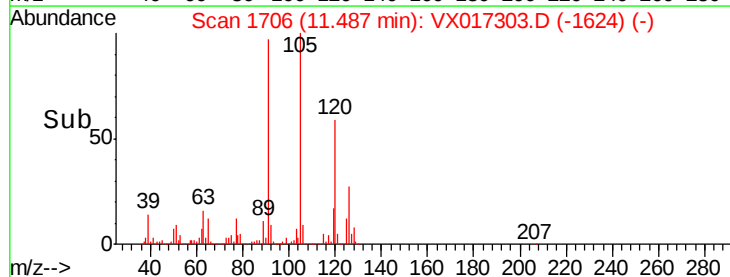
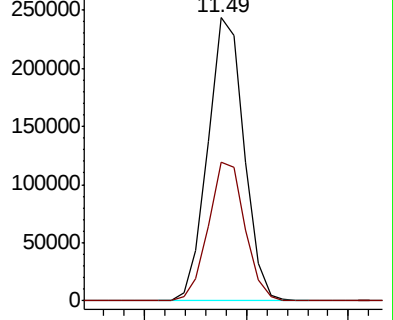
105 100

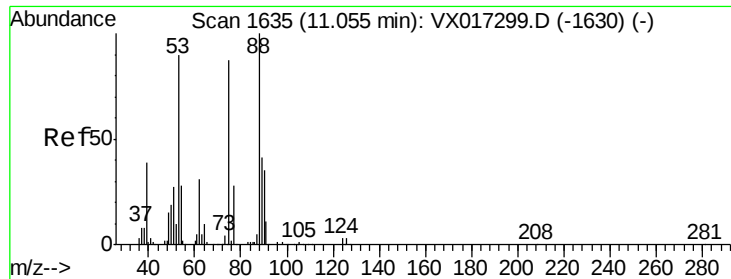
120 49.5 0.0 98.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#77

t-1,4-Dichloro-2-butene

Concen: 20.880 ug/l

RT: 11.05 min Scan# 1635

Delta R.T. -0.00 min

Lab File: VX017303.D

Acq: 09 Jul 2020 13:21

Instrument :

MSVOA_X

ClientSampleId :

ICVVX070920

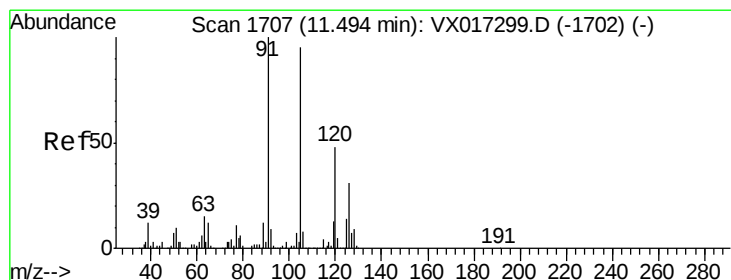
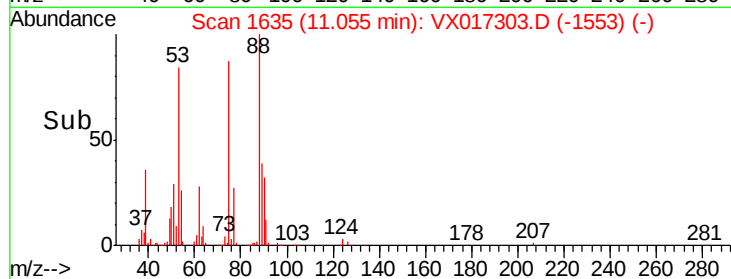
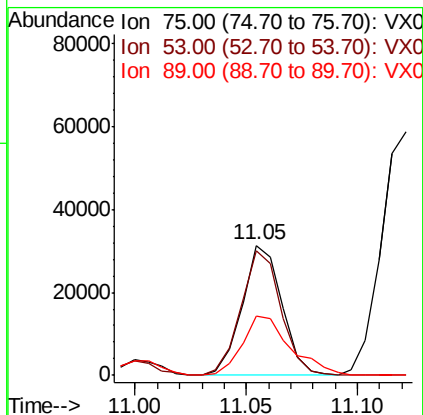
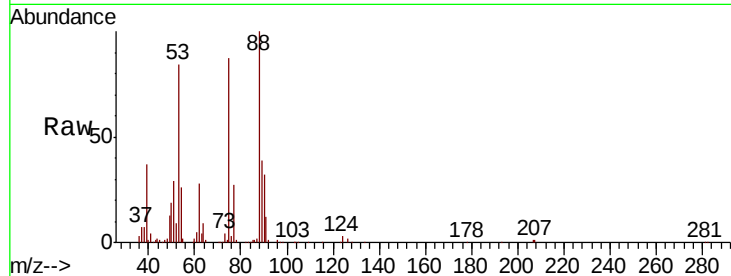
Tot Ion: 75 Resp: 39307

Ion Ratio Lower Upper

75 100

53 96.0 52.1 156.3

89 44.7 23.7 71.1



#78

4-Chlorotoluene

Concen: 21.472 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX017303.D

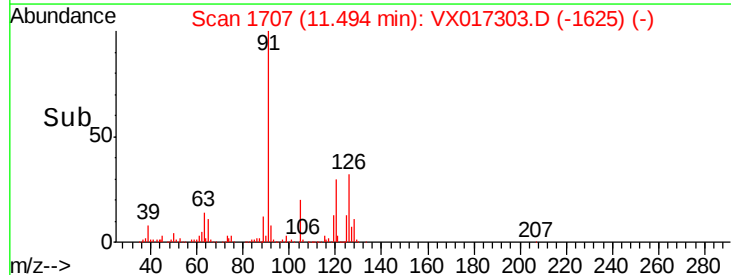
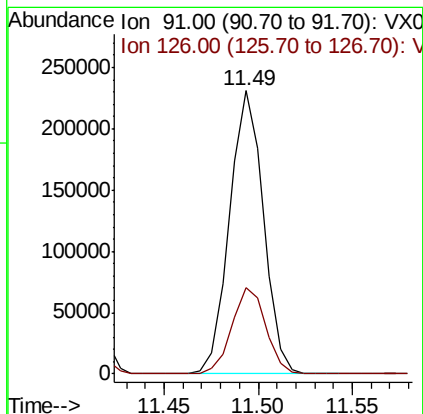
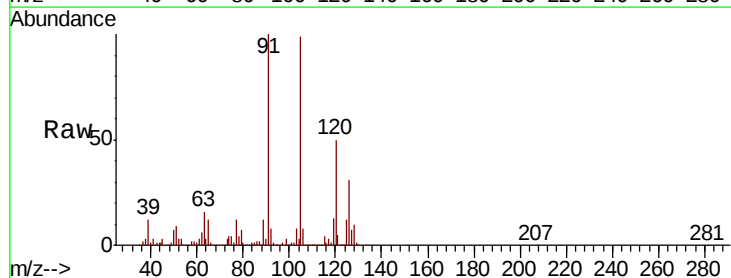
Acq: 09 Jul 2020 13:21

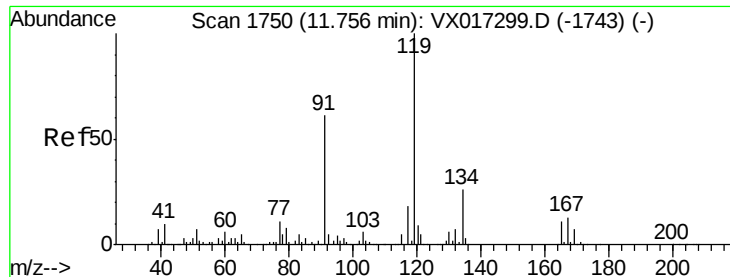
Tgt Ion: 91 Resp: 288089

Ion Ratio Lower Upper

91 100

126 30.4 0.0 61.2

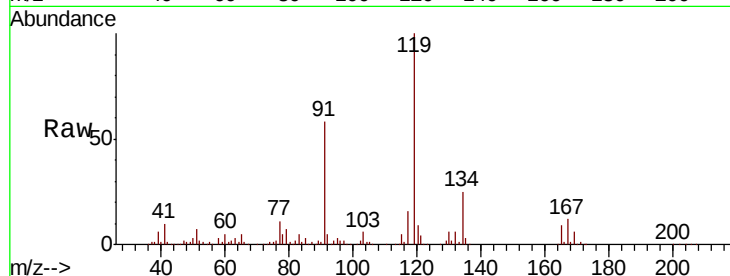




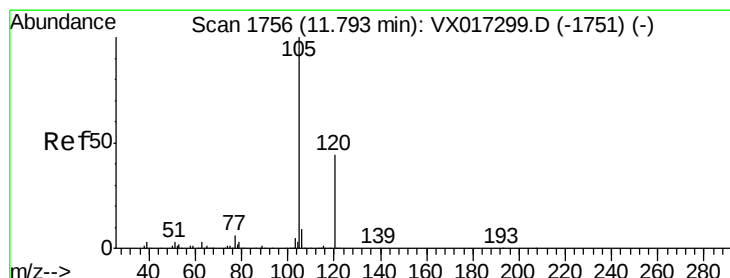
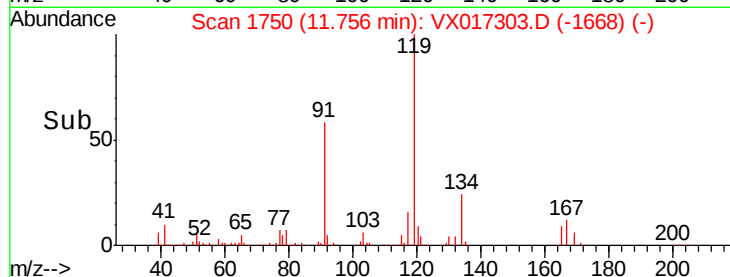
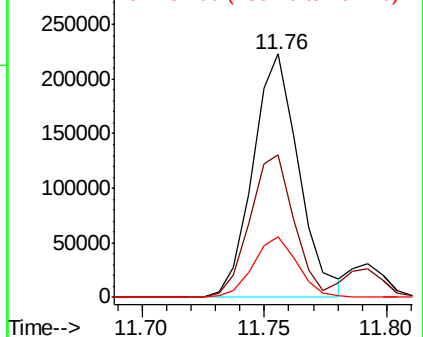
#79
tert-butylbenzene
Concen: 21.792 ug/l
RT: 11.76 min Scan# 1750
Delta R.T. -0.00 min
Lab File: VX017303.D
Acq: 09 Jul 2020 13:21

Instrument :
MSVOA_X
ClientSampleId :
ICVVX070920

Tot Ion	Ratio	Lower	Upper
119	100		
91	56.3	0.0	113.6
134	23.7	0.0	48.0

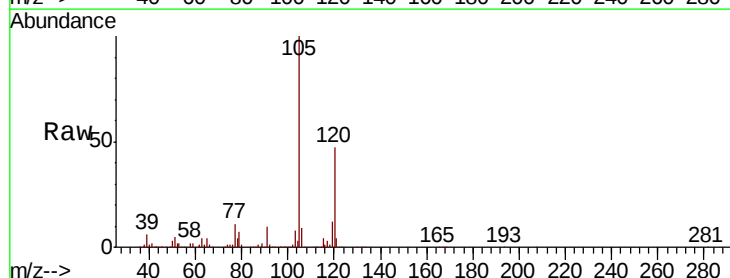


Abundance Ion 119.00 (118.70 to 119.70): V
Ion 91.00 (90.70 to 91.70): VX0
Ion 134.00 (133.70 to 134.70): V

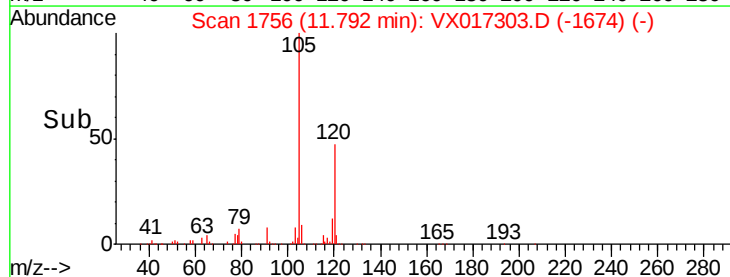
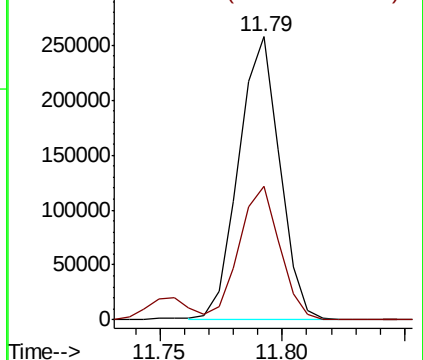


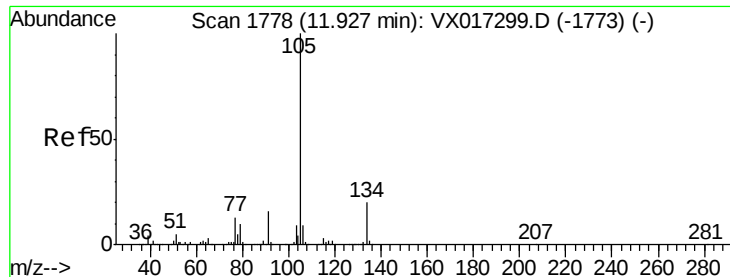
#80
1,2,4-Trimethylbenzene
Concen: 21.807 ug/l
RT: 11.79 min Scan# 1756
Delta R.T. -0.00 min
Lab File: VX017303.D
Acq: 09 Jul 2020 13:21

Tgt Ion	Ratio	Lower	Upper
105	100		
120	46.7	0.0	93.6



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V





#81

sec-Butylbenzene

Concen: 22.005 ug/l

RT: 11.93 min Scan# 1779

Delta R.T. 0.01 min

Lab File: VX017303.D

Acq: 09 Jul 2020 13:21

Instrument :

MSVOA_X

ClientSampleId :

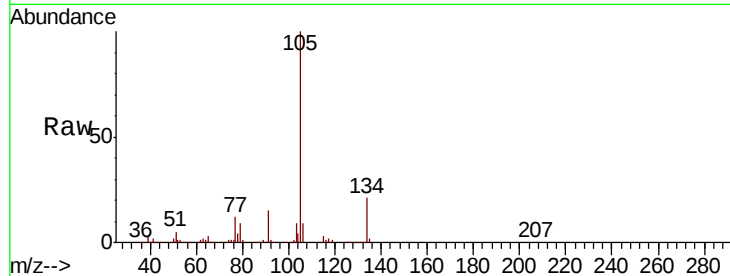
ICVVX070920

Tot Ion:105 Resp: 338394

Ion Ratio Lower Upper

105 100

134 21.0 0.0 41.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

300000

250000

200000

150000

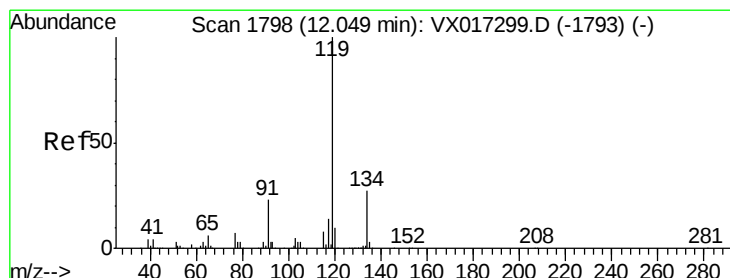
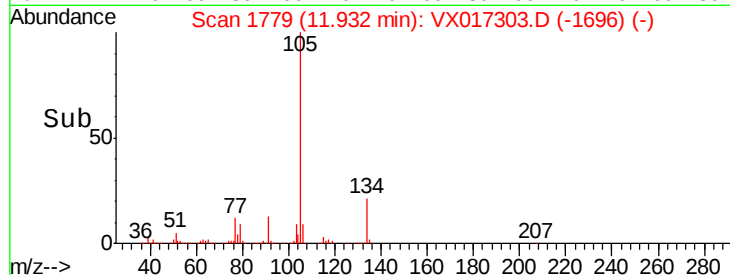
100000

50000

0

Time--> 11.85 11.90 11.95

11.93



#82

p-Isopropyltoluene

Concen: 22.209 ug/l

RT: 12.05 min Scan# 1798

Delta R.T. -0.00 min

Lab File: VX017303.D

Acq: 09 Jul 2020 13:21

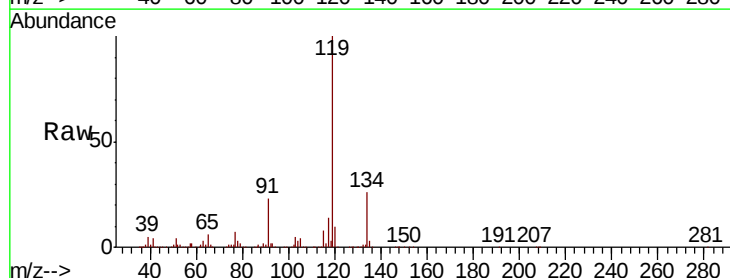
Tgt Ion:119 Resp: 322949

Ion Ratio Lower Upper

119 100

134 26.2 0.0 53.6

91 23.5 0.0 48.0



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

300000

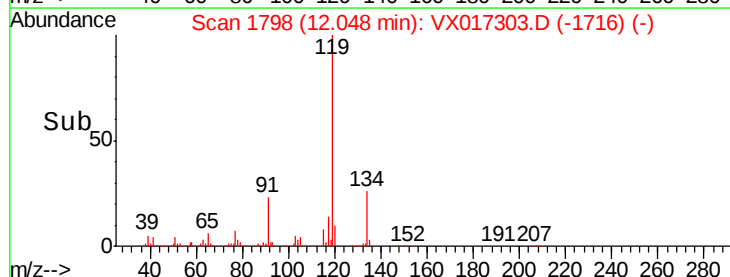
200000

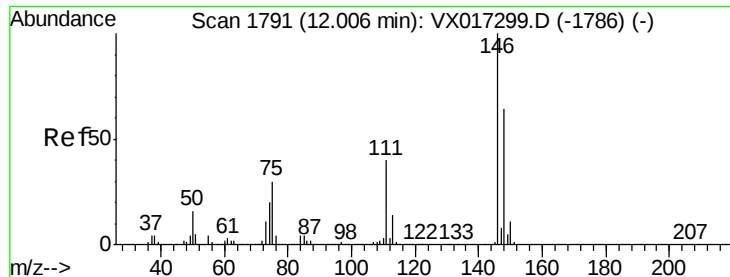
100000

0

Time--> 12.00 12.05

12.05

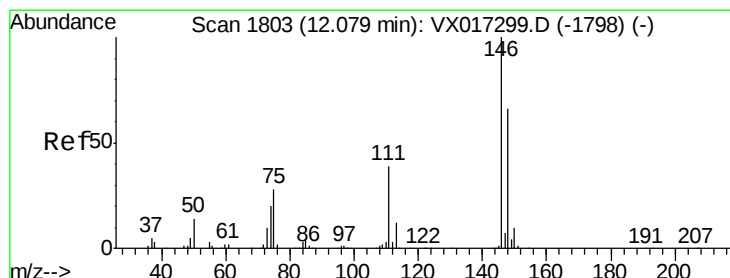
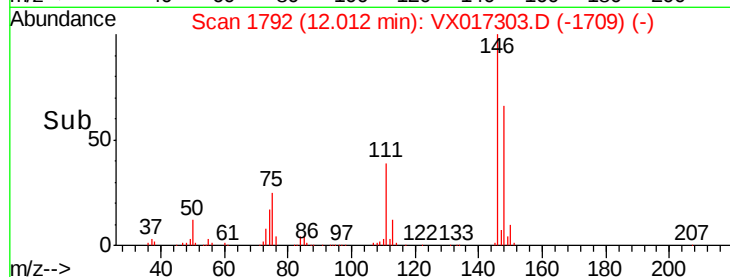
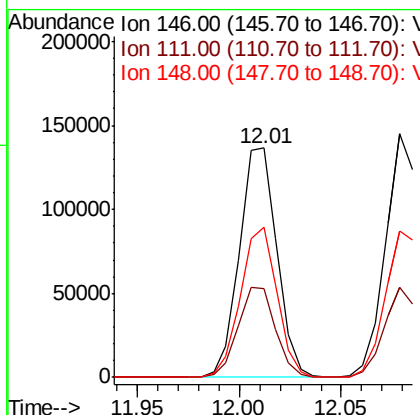
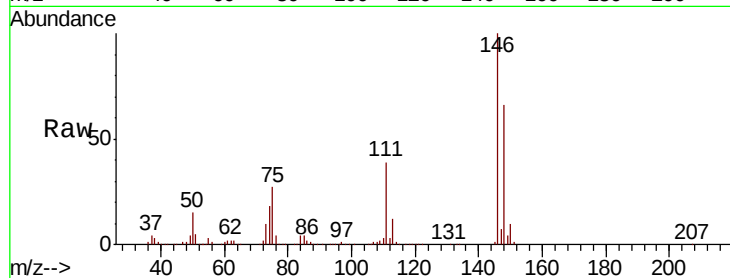




#83
 1,3-Dichlorobenzene
 Concen: 21.528 ug/l
 RT: 12.01 min Scan# 1792
 Delta R.T. 0.01 min
 Lab File: VX017303.D
 Acq: 09 Jul 2020 13:21

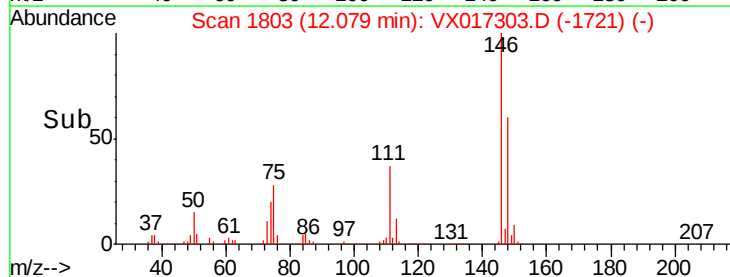
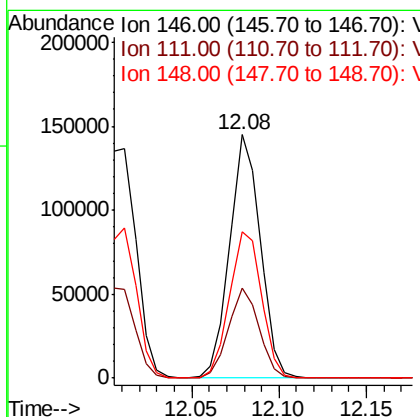
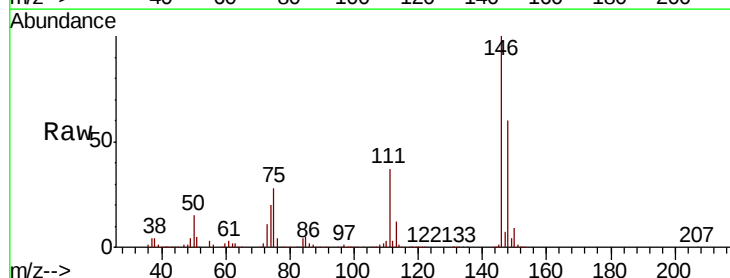
Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX070920

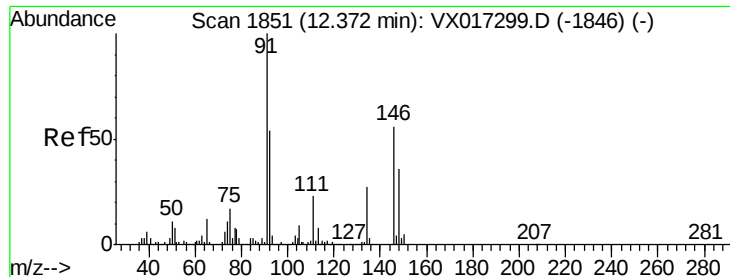
Tot Ion	Ratio	Lower	Upper
146	100		
111	39.2	19.5	58.5
148	63.8	31.8	95.3



#84
 1,4-Dichlorobenzene
 Concen: 21.660 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. -0.00 min
 Lab File: VX017303.D
 Acq: 09 Jul 2020 13:21

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.8	19.1	57.3
148	63.0	32.6	97.8

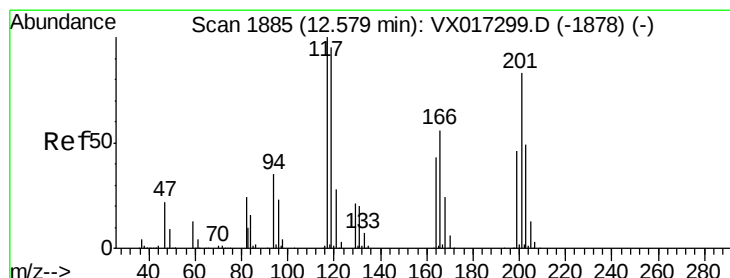
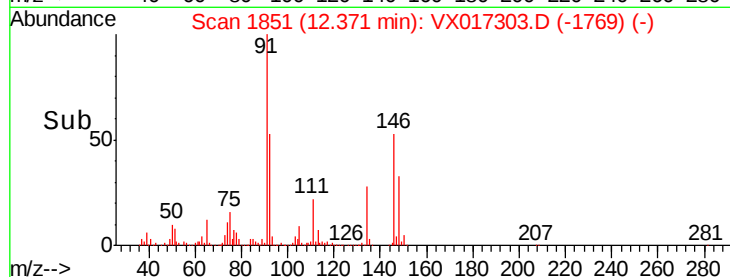
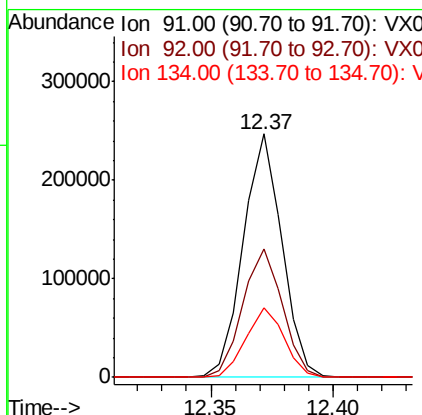
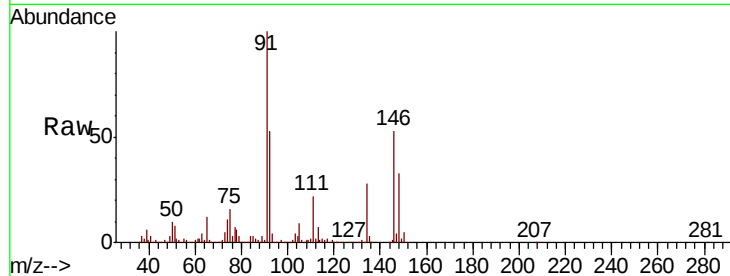




#85
n-Butylbenzene
Concen: 22.234 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. -0.00 min
Lab File: VX017303.D
Acq: 09 Jul 2020 13:21

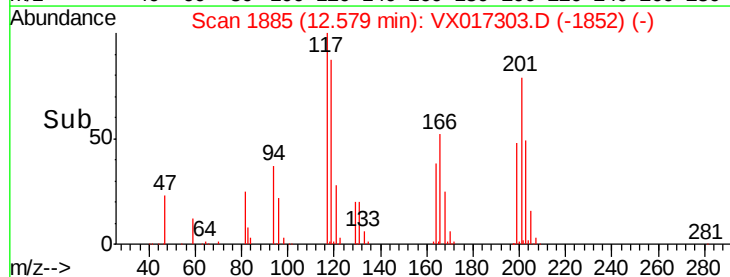
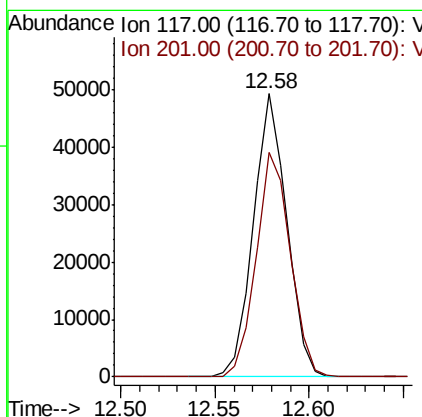
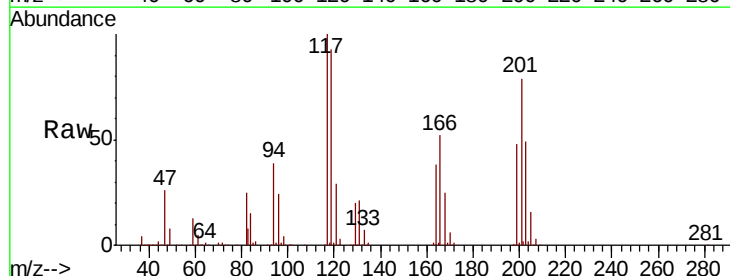
Instrument :
MSVOA_X
ClientSampleId :
ICVVX070920

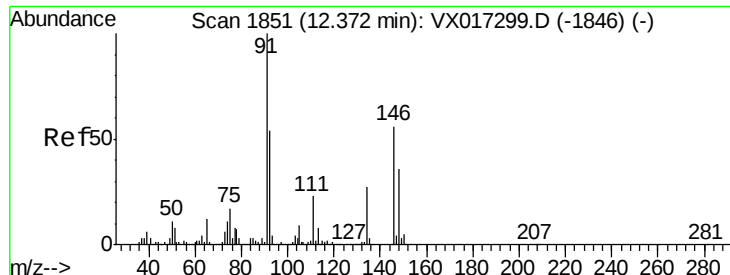
Tot Ion: 91 Resp: 273182
Ion Ratio Lower Upper
91 100
92 53.8 0.0 108.2
134 28.3 0.0 54.2



#86
Hexachloroethane
Concen: 21.480 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX017303.D
Acq: 09 Jul 2020 13:21

Tgt Ion: 117 Resp: 60426
Ion Ratio Lower Upper
117 100
201 81.0 41.0 123.0

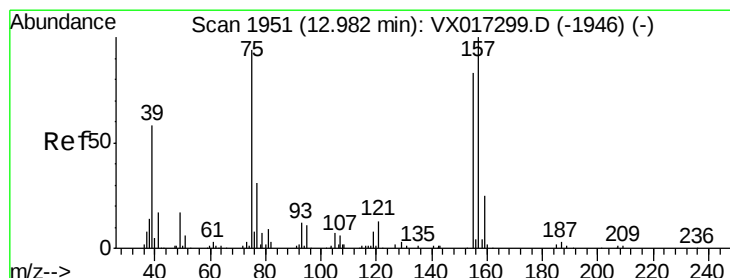
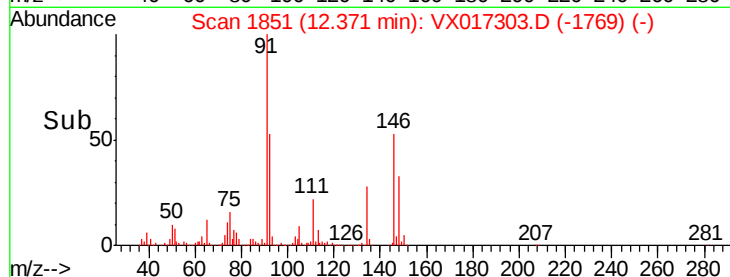
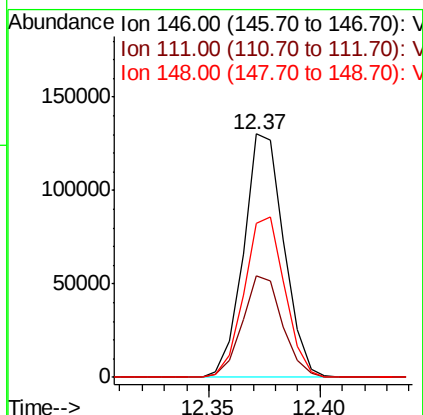
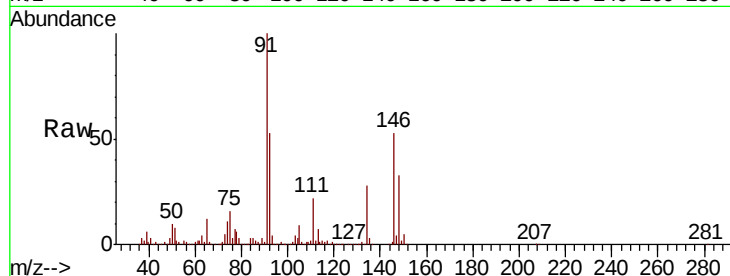




#87
 1,2-Dichlorobenzene
 Concen: 21.290 ug/l
 RT: 12.37 min Scan# 1851
 Delta R.T. -0.00 min
 Lab File: VX017303.D
 Acq: 09 Jul 2020 13:21

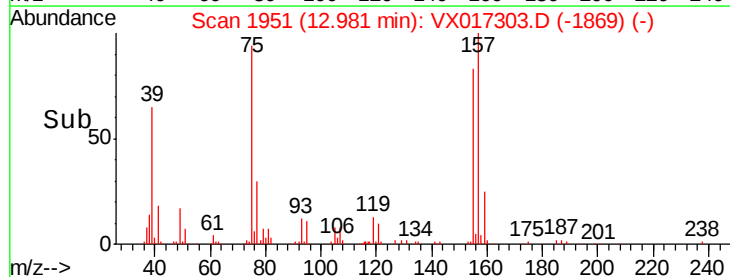
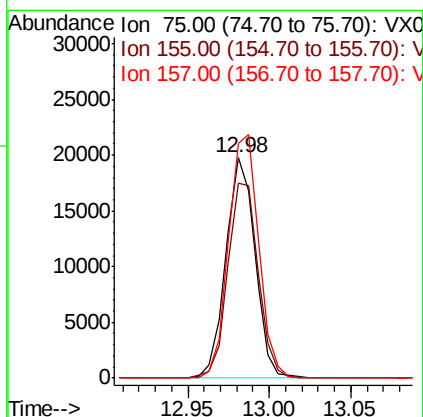
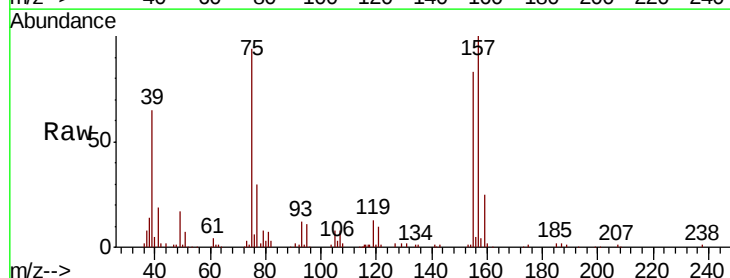
Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX070920

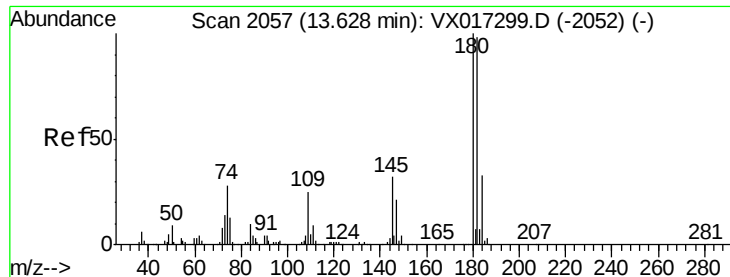
Tot Ion:146 Resp: 164965
 Ion Ratio Lower Upper
 146 100
 111 41.5 20.6 61.9
 148 66.3 31.6 94.8



#88
 1,2-Dibromo-3-Chloropropane
 Concen: 20.193 ug/l
 RT: 12.98 min Scan# 1951
 Delta R.T. -0.00 min
 Lab File: VX017303.D
 Acq: 09 Jul 2020 13:21

Tgt Ion: 75 Resp: 24589
 Ion Ratio Lower Upper
 75 100
 155 92.0 73.4 110.0
 157 114.0 90.5 135.7

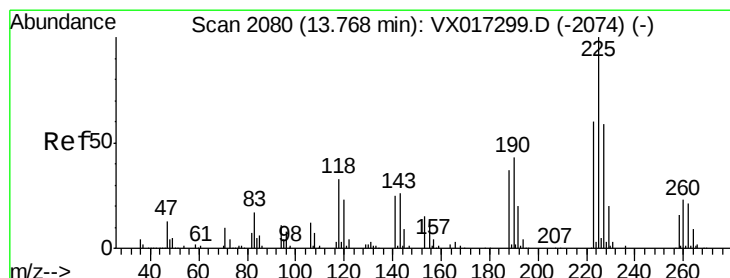
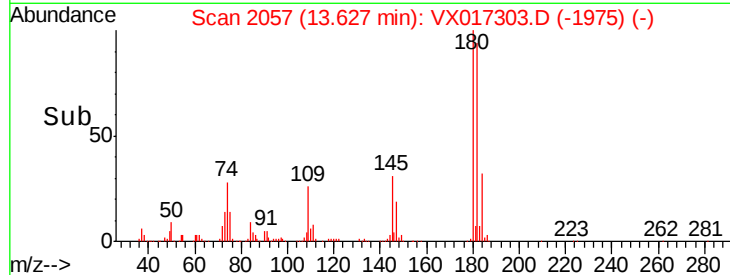
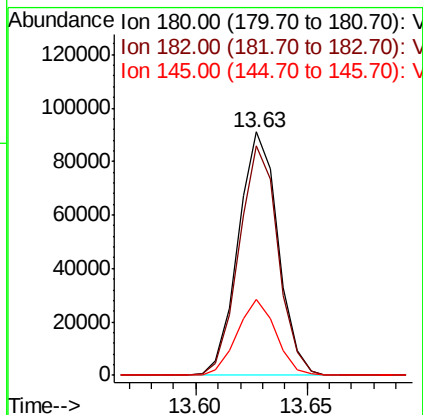
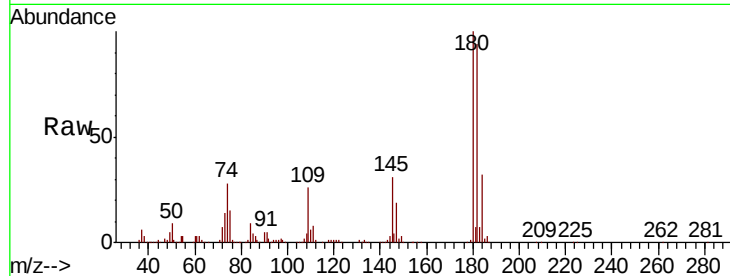




#89
 1,2,4-Trichlorobenzene
 Concen: 21.628 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. -0.00 min
 Lab File: VX017303.D
 Acq: 09 Jul 2020 13:21

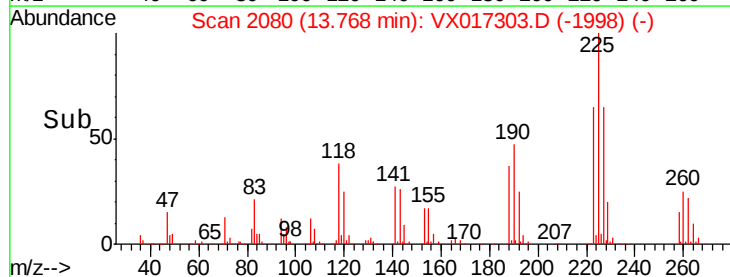
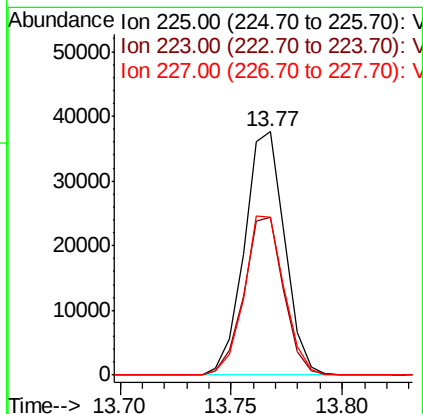
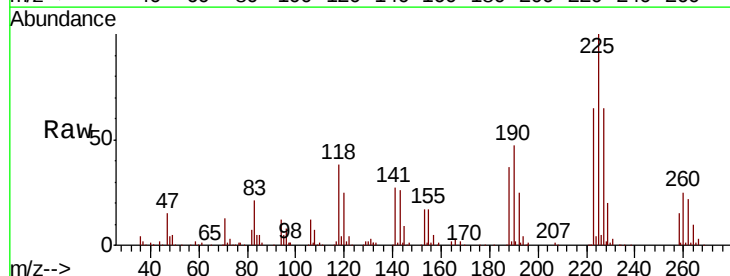
Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX070920

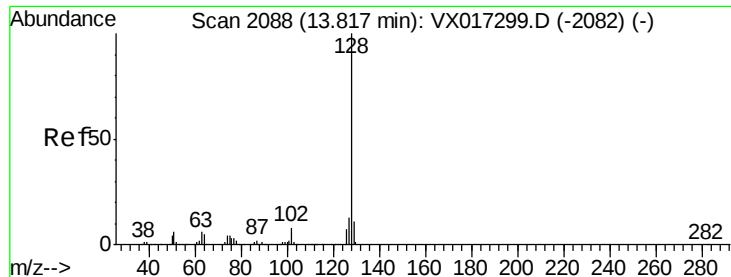
Tot Ion	Ratio	Lower	Upper
180	100		
182	92.3	77.8	116.8
145	30.4	25.0	37.4



#90
 Hexachlorobutadiene
 Concen: 22.551 ug/l
 RT: 13.77 min Scan# 2080
 Delta R.T. -0.00 min
 Lab File: VX017303.D
 Acq: 09 Jul 2020 13:21

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.6	0.0	129.0
227	64.4	0.0	124.4





#91

Naphthalene

Concen: 20.883 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. -0.00 min

Lab File: VX017303.D

Acq: 09 Jul 2020 13:21

Instrument :

MSVOA_X

ClientSampleId :

ICVVX070920

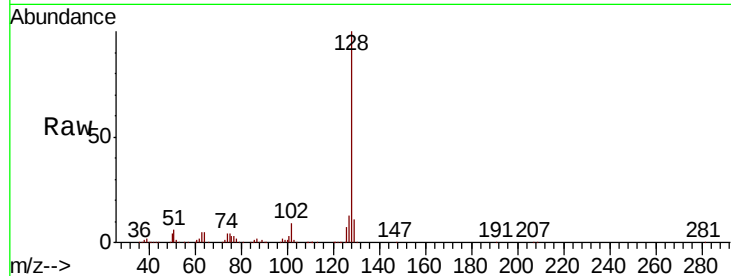
Tot Ion:128 Resp: 336466

Ion Ratio Lower Upper

128 100

127 12.4 10.3 15.5

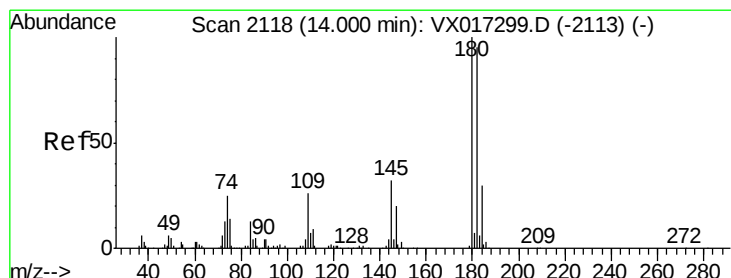
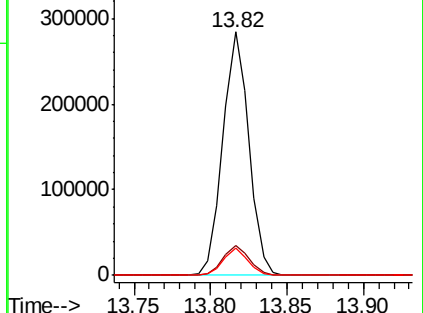
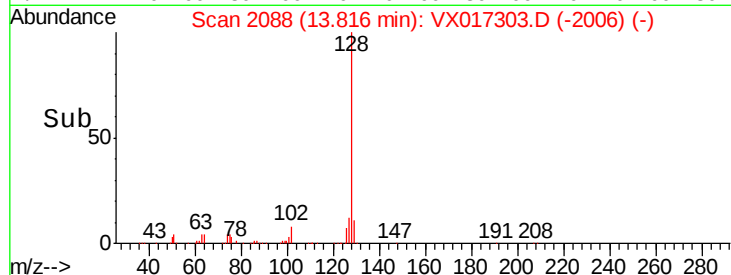
129 10.6 9.0 13.4



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#92

1,2,3-Trichlorobenzene

Concen: 21.047 ug/l

RT: 14.00 min Scan# 2118

Delta R.T. -0.00 min

Lab File: VX017303.D

Acq: 09 Jul 2020 13:21

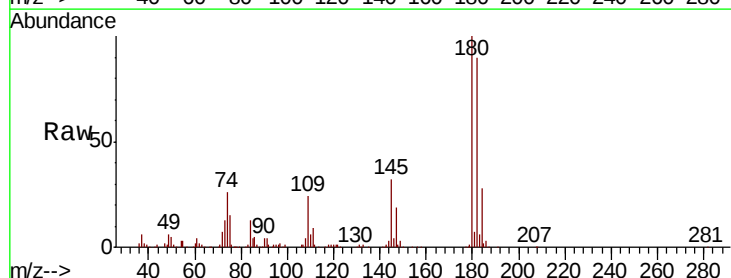
Tgt Ion:180 Resp: 110010

Ion Ratio Lower Upper

180 100

182 91.4 0.0 185.6

145 32.9 0.0 63.0



Abundance Ion 180.00 (179.70 to 180.70): V

Ion 182.00 (181.70 to 182.70): V

Ion 145.00 (144.70 to 145.70): V

