

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX102320\
 Data File : VX019073.D
 Acq On : 23 Oct 2020 12:11
 Operator : JC/SP
 Sample : VSTDICV020
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX102320

Quant Time: Oct 26 04:13:34 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X102320W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Mon Oct 26 03:21:29 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	4.98	128	42559	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.83	114	247502	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.10	117	219909	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.03	65	88177	31.11	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	103.70%
60) 4-Bromofluorobenzene	11.12	95	98915	29.97	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	99.90%
63) Toluene-d8	8.70	98	292316	30.11	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	100.37%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.18	85	42157	19.711	ug/l 100
3) Chloromethane	1.31	50	37130	19.213	ug/l 99
4) Vinyl Chloride	1.39	62	51151	20.195	ug/l 98
5) Bromomethane	1.64	94	40714	23.208	ug/l 100
6) Chloroethane	1.72	64	34110	19.873	ug/l 97
7) Trichlorofluoromethane	1.92	101	90736	20.573	ug/l 93
8) Diethyl Ether	2.17	74	34014	20.575	ug/l 99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	41859	19.863	ug/l 99
10) 1,1-Dichloroethene	2.36	96	42536	19.855	ug/l 98
11) Methyl Iodide	2.49	142	26611	16.793	ug/l 97
12) Methyl Acetate	2.75	43	42387	19.986	ug/l 96
13) Acrolein	2.28	56	22821	116.862	ug/l 99
14) Acrylonitrile	3.12	53	98973	99.333	ug/l 100
15) Acetone	2.42	58	29646	103.865	ug/l 98
16) Carbon Disulfide	2.55	76	118657	19.926	ug/l 100
17) Allyl chloride	2.71	41	52688	19.688	ug/l 99
18) Methylene Chloride	2.84	84	47517	19.448	ug/l 98
19) trans-1,2-Dichloroethene	3.14	96	48693	19.460	ug/l 99
20) Diisopropyl ether	3.82	45	106325	19.613	ug/l 96
21) 1,1-Dichloroethane	3.67	63	77801	19.547	ug/l 99
22) cis-1,2-Dichloroethene	4.56	96	55858	19.272	ug/l 99
23) tert-Butyl Alcohol	3.01	59	52204	108.071	ug/l # 100
24) Methyl tert-Butyl Ether	3.17	73	133668	19.731	ug/l 100
25) Chloroform	5.18	83	85255	19.331	ug/l 100
26) Cyclohexane	5.55	56	60715	19.630	ug/l # 98
29) 1,1-Dichloropropene	5.77	75	64781	18.554	ug/l 99
30) 2-Butanone	4.64	43	135434	97.365	ug/l 99
31) 2,2-Dichloropropane	4.55	77	73860	18.488	ug/l 100
32) 1,1,1-Trichloroethane	5.46	97	77177	18.390	ug/l 99
33) Carbon Tetrachloride	5.76	117	65449	17.971	ug/l 99
34) Benzene	6.11	78	191445	18.635	ug/l 99
35) Methacrylonitrile	5.00	41	27679	18.382	ug/l 94
36) 1,2-Dichloroethane	6.16	62	64947	18.429	ug/l 99
37) Trichloroethene	7.19	130	54251	18.372	ug/l 100
38) Methylcyclohexane	7.44	83	71500	18.269	ug/l 98
39) 1,2-Dichloropropane	7.49	63	44534	18.674	ug/l 100
40) Dibromomethane	7.63	93	34202	18.480	ug/l 98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX102320\
 Data File : VX019073.D
 Acq On : 23 Oct 2020 12:11
 Operator : JC/SP
 Sample : VSTDICV020
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX102320

Quant Time: Oct 26 04:13:34 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X102320W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Mon Oct 26 03:21:29 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Bromodichloromethane	7.87	83	66485	18.170	ug/l	96
42) Vinyl Acetate	3.78	43	505757	93.446	ug/l	100
43) Ethyl Acetate	4.79	43	54724	18.754	ug/l	100
44) Isopropyl Acetate	6.41	43	91192	18.663	ug/l	100
45) 1,4-Dioxane	7.71	88	20593	400.951	ug/l	95
46) Methyl methacrylate	7.74	41	42356	18.314	ug/l	99
47) n-amyl Acetate	10.88	43	73391	18.725	ug/l	99
48) t-1,3-Dichloropropene	9.02	75	72605	17.724	ug/l	98
49) cis-1,3-Dichloropropene	8.42	75	78498	18.008	ug/l	99
50) 1,1,2-Trichloroethane	9.20	97	48191	17.977	ug/l	95
51) Ethyl methacrylate	9.16	69	70964	18.142	ug/l	96
52) 1,3-Dichloropropane	9.35	76	79648	18.238	ug/l	100
53) Dibromochloromethane	9.56	129	51087	17.119	ug/l	99
54) 1,2-Dibromoethane	9.65	107	51442	17.660	ug/l	98
55) 2-Chloroethyl vinyl ether	8.29	63	193485	92.560	ug/l	100
56) Bromoform	10.84	173	35486	17.009	ug/l	98
58) 4-Methyl-2-Pentanone	8.62	43	267559	96.479	ug/l	99
59) 2-Hexanone	9.47	43	202233	97.860	ug/l	100
61) Tetrachloroethene	9.32	164	47157	18.076	ug/l	93
62) Toluene	8.76	91	213282	18.454	ug/l	99
64) Chlorobenzene	10.12	112	134463	18.716	ug/l	100
65) 1,1,1,2-Tetrachloroethane	10.21	131	47965	18.357	ug/l	100
66) Ethyl Benzene	10.23	91	236165	18.638	ug/l	99
67) m/p-Xylenes	10.34	106	179643	37.175	ug/l	99
68) o-Xylene	10.68	106	85896	18.637	ug/l	99
69) Styrene	10.70	104	143436	18.471	ug/l	99
70) Isopropylbenzene	11.00	105	230183	18.575	ug/l	100
71) 1,1,2,2-Tetrachloroethane	11.25	83	70061	19.583	ug/l	100
72) 1,2,3-Trichloropropane	11.28	75	81390	25.298	ug/l	86
73) Bromobenzene	11.24	156	58026	19.159	ug/l	99
74) n-propylbenzene	11.34	91	263583	18.785	ug/l	99
75) 2-Chlorotoluene	11.40	91	152242	19.181	ug/l	100
76) 1,3,5-Trimethylbenzene	11.49	105	189938	18.888	ug/l	99
77) t-1,4-Dichloro-2-butene	11.05	75	22781	17.830	ug/l	95
78) 4-Chlorotoluene	11.49	91	179977	19.296	ug/l	100
79) tert-butylbenzene	11.76	119	189909	19.179	ug/l	99
80) 1,2,4-Trimethylbenzene	11.79	105	189134	18.921	ug/l	99
81) sec-Butylbenzene	11.93	105	224546	19.164	ug/l	100
82) p-Isopropyltoluene	12.05	119	205977	19.075	ug/l	99
83) 1,3-Dichlorobenzene	12.01	146	102587	18.952	ug/l	100
84) 1,4-Dichlorobenzene	12.08	146	107329	19.528	ug/l	100
85) n-Butylbenzene	12.37	91	187277	19.369	ug/l	99
86) Hexachloroethane	12.58	117	30295	18.266	ug/l	100
87) 1,2-Dichlorobenzene	12.37	146	101372	19.562	ug/l	100
88) 1,2-Dibromo-3-Chloropropan	12.98	75	15247	18.830	ug/l	98
89) 1,2,4-Trichlorobenzene	13.63	180	70657	18.947	ug/l	98
90) Hexachlorobutadiene	13.76	225	31375	19.842	ug/l	97
91) Naphthalene	13.82	128	231975	19.002	ug/l	100
92) 1,2,3-Trichlorobenzene	14.01	180	66446	18.522	ug/l	97

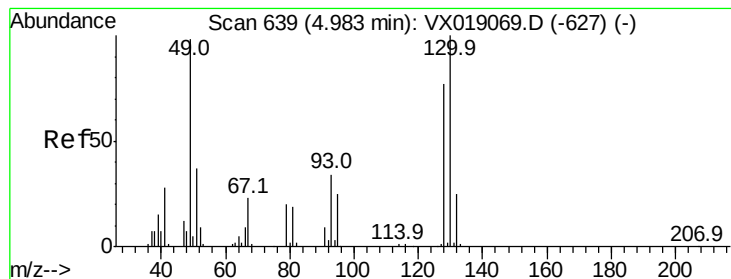
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX102320\
Data File : VX019073.D
Acq On : 23 Oct 2020 12:11
Operator : JC/SP
Sample : VSTDICV020
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
ICVVX102320

Quant Time: Oct 26 04:13:34 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X102320W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Mon Oct 26 03:21:29 2020
Response via : Initial Calibration

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

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



#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 4.98 min Scan# 639

Delta R.T. 0.00 min

Lab File: VX019073.D

Acq: 23 Oct 2020 12:11

Instrument :

MSVOA_X

ClientSampleId :

ICVVX102320

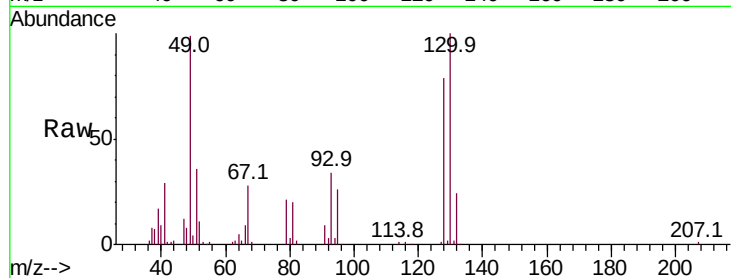
Tot Ion:128 Resp: 42559

Ion Ratio Lower Upper

128 100

49 127.1 0.0 318.8

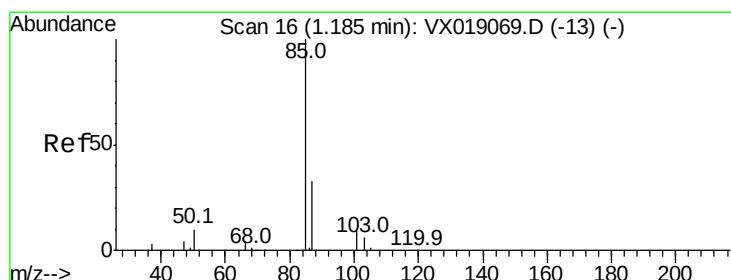
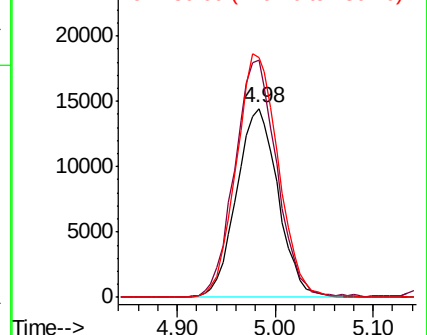
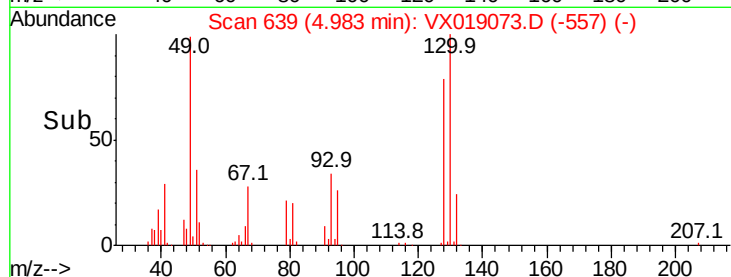
130 130.5 0.0 321.8



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: 19.711 ug/l

RT: 1.18 min Scan# 16

Delta R.T. 0.00 min

Lab File: VX019073.D

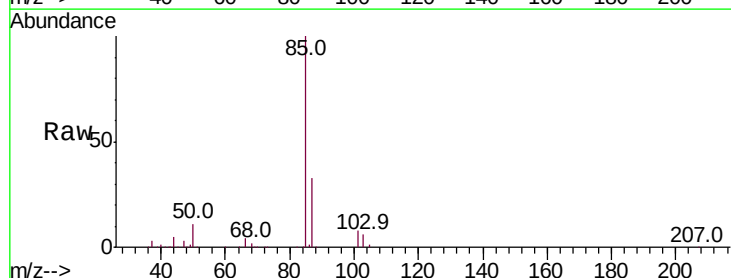
Acq: 23 Oct 2020 12:11

Tgt Ion: 85 Resp: 42157

Ion Ratio Lower Upper

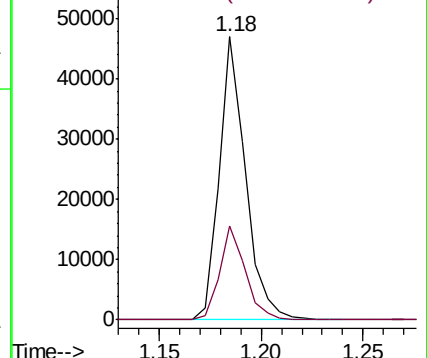
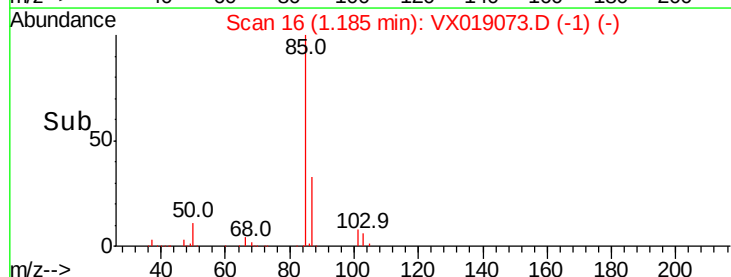
85 100

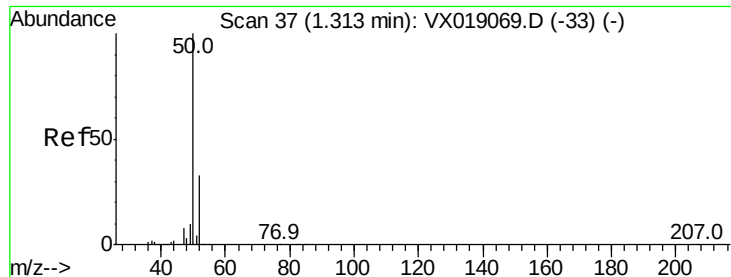
87 33.3 16.6 49.7



Abundance Ion 85.00 (84.70 to 85.70): VX0

Ion 87.00 (86.70 to 87.70): VX0





#3

Chloromethane

Concen: 19.213 ug/l

RT: 1.31 min Scan# 37

Delta R.T. 0.00 min

Lab File: VX019073.D

Acq: 23 Oct 2020 12:11

Instrument :

MSVOA_X

ClientSampleId :

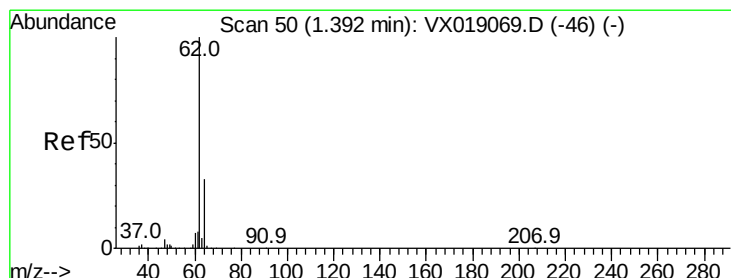
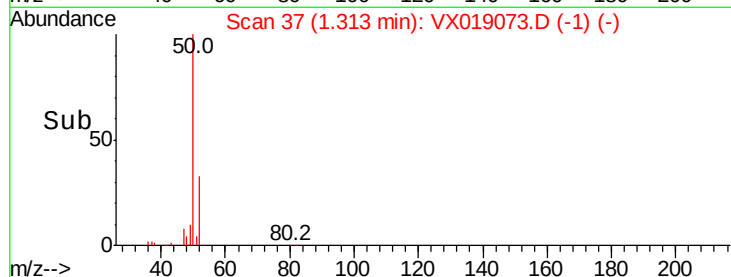
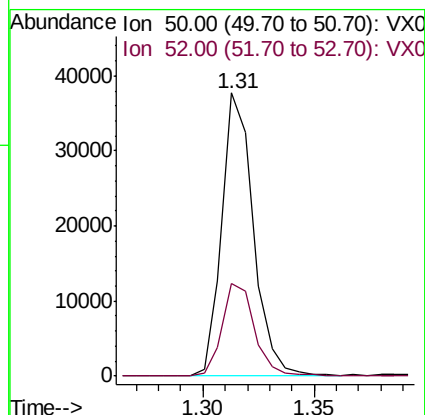
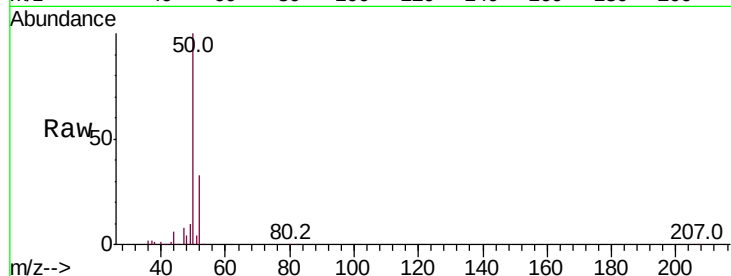
ICVVX102320

Tot Ion: 50 Resp: 37130

Ion Ratio Lower Upper

50 100

52 32.6 26.7 40.1



#4

Vinyl Chloride

Concen: 20.195 ug/l

RT: 1.39 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX019073.D

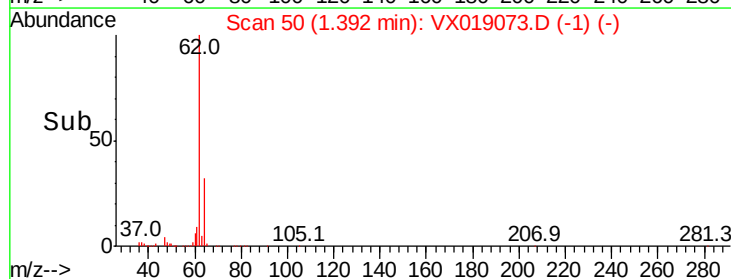
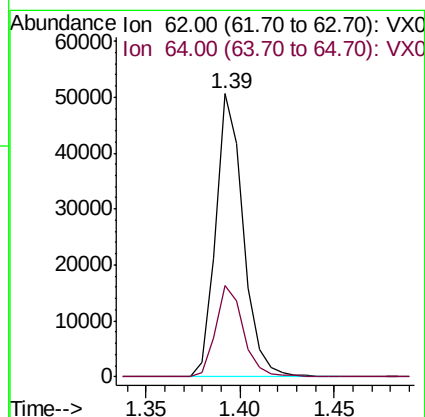
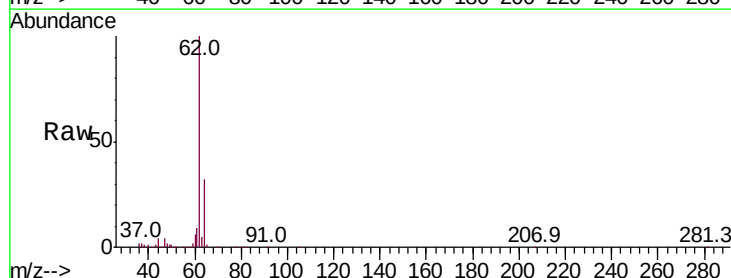
Acq: 23 Oct 2020 12:11

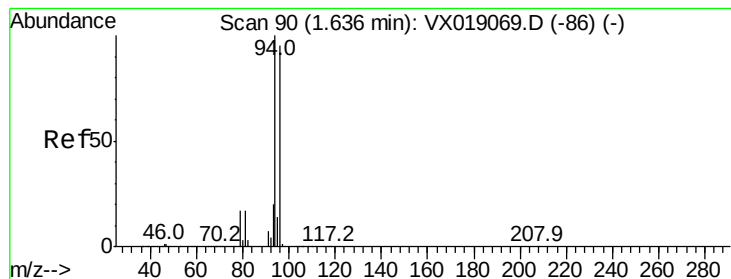
Tgt Ion: 62 Resp: 51151

Ion Ratio Lower Upper

62 100

64 32.1 26.7 40.1





#5

Bromomethane

Concen: 23.208 ug/l

RT: 1.64 min Scan# 90

Delta R.T. 0.00 min

Lab File: VX019073.D

Acq: 23 Oct 2020 12:11

Instrument :

MSVOA_X

ClientSampleId :

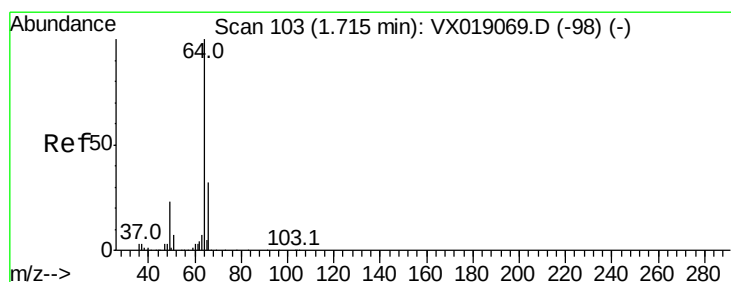
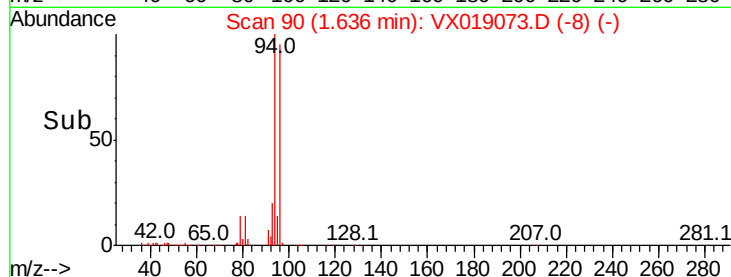
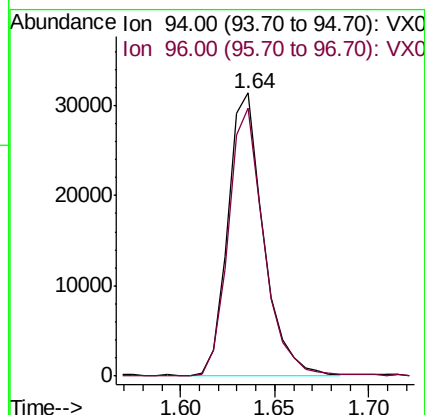
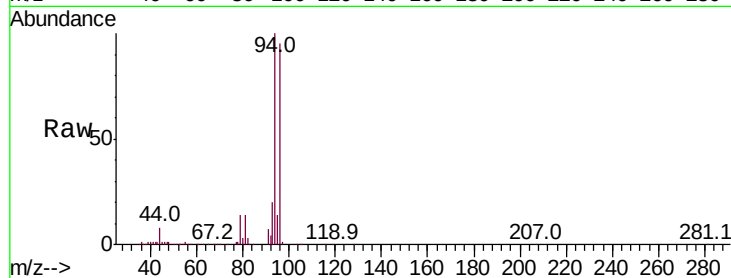
ICVVX102320

Tot Ion: 94 Resp: 40714

Ion Ratio Lower Upper

94 100

96 94.9 76.2 114.2



#6

Chloroethane

Concen: 19.873 ug/l

RT: 1.72 min Scan# 103

Delta R.T. 0.00 min

Lab File: VX019073.D

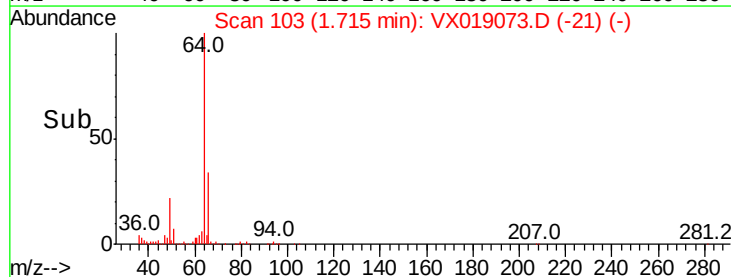
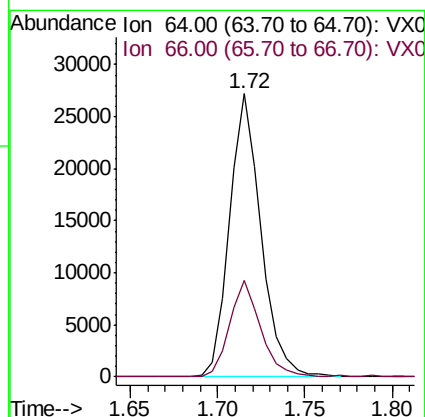
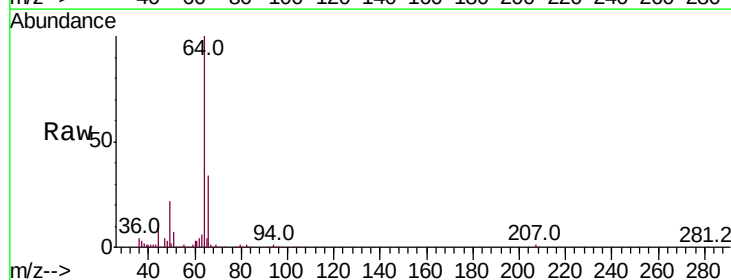
Acq: 23 Oct 2020 12:11

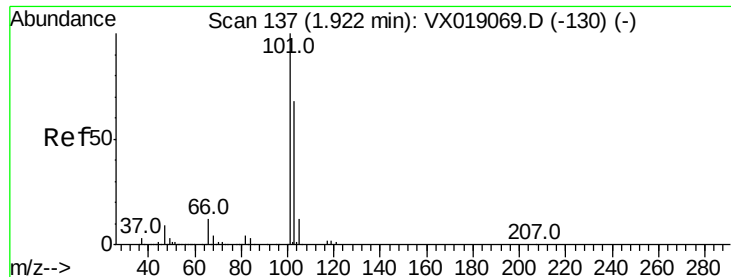
Tgt Ion: 64 Resp: 34110

Ion Ratio Lower Upper

64 100

66 34.0 25.9 38.9



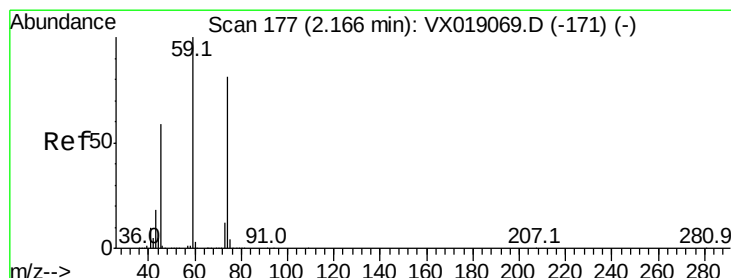
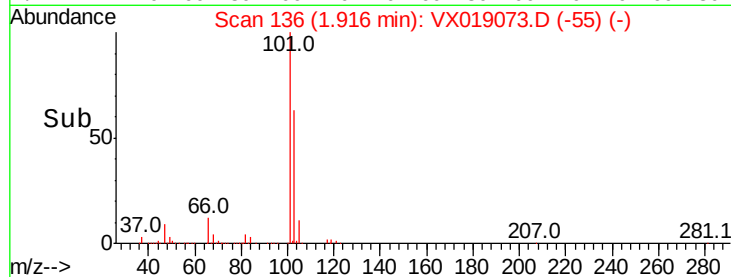
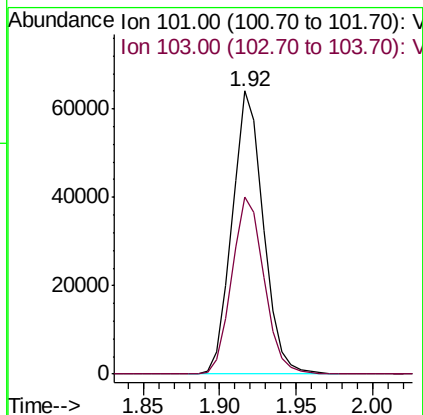
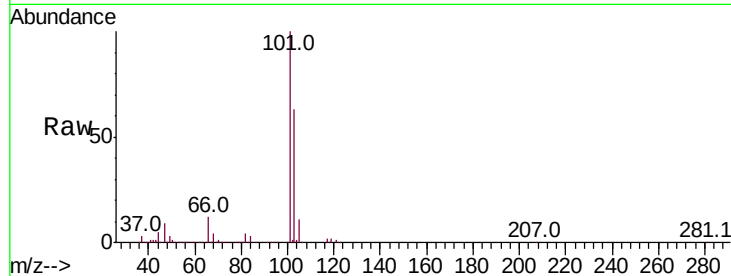


#7

Trichlorofluoromethane
 Concen: 20.573 ug/l
 RT: 1.92 min Scan# 136
 Delta R.T. -0.01 min
 Lab File: VX019073.D
 Acq: 23 Oct 2020 12:11

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX102320

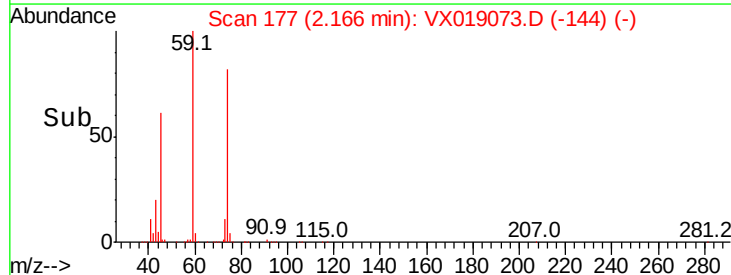
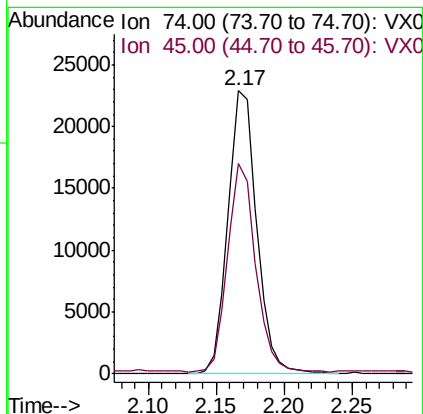
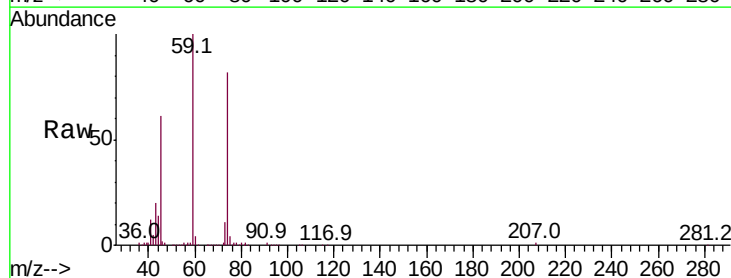
Tot Ion:101 Resp: 90736
 Ion Ratio Lower Upper
 101 100
 103 62.5 54.2 81.4

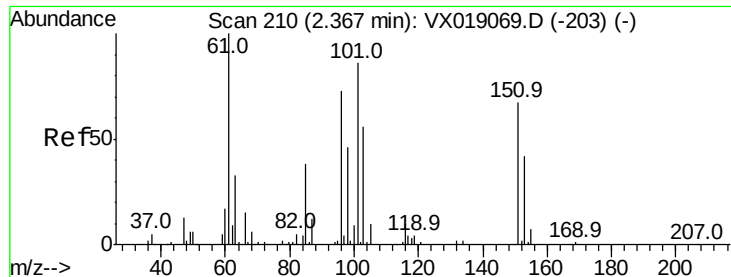


#8

Diethyl Ether
 Concen: 20.575 ug/l
 RT: 2.17 min Scan# 177
 Delta R.T. 0.00 min
 Lab File: VX019073.D
 Acq: 23 Oct 2020 12:11

Tgt Ion: 74 Resp: 34014
 Ion Ratio Lower Upper
 74 100
 45 71.7 14.5 130.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.863 ug/l

RT: 2.37 min Scan# 210

Delta R.T. 0.00 min

Lab File: VX019073.D

Acq: 23 Oct 2020 12:11

Instrument :

MSVOA_X

ClientSampleId :

ICVVX102320

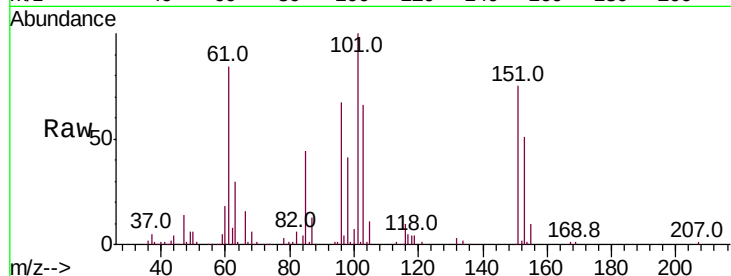
Tot Ion:101 Resp: 41859

Ion Ratio Lower Upper

101 100

85 44.2 0.0 87.0

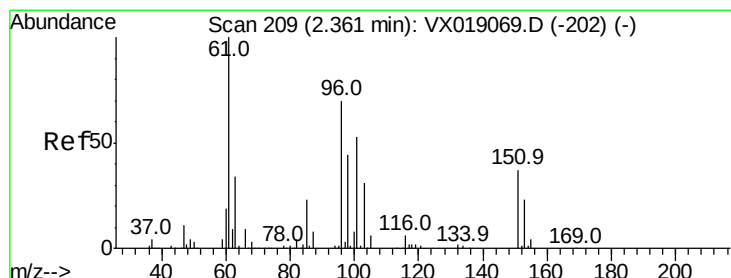
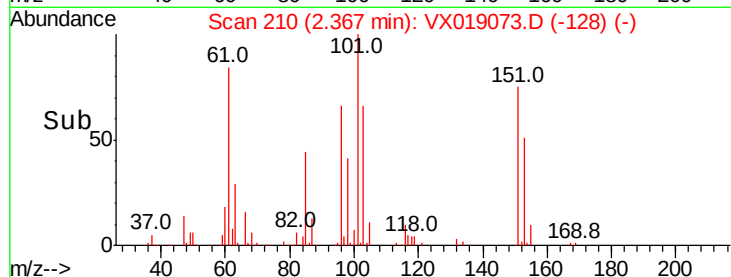
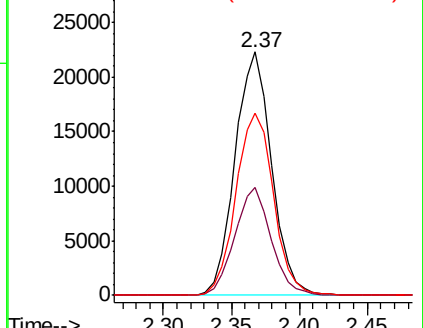
151 77.1 0.0 151.8



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VX0

Ion 151.00 (150.70 to 151.70): V



#10

1,1-Dichloroethene

Concen: 19.855 ug/l

RT: 2.36 min Scan# 208

Delta R.T. -0.01 min

Lab File: VX019073.D

Acq: 23 Oct 2020 12:11

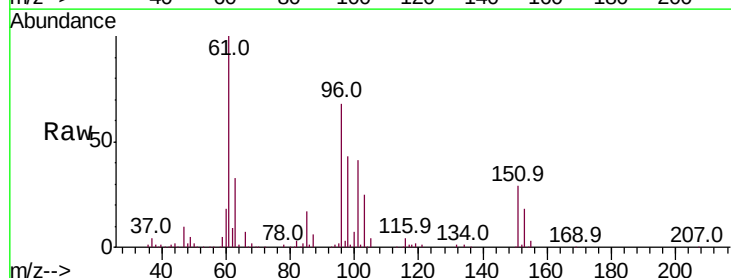
Tgt Ion: 96 Resp: 42536

Ion Ratio Lower Upper

96 100

61 146.5 113.8 170.8

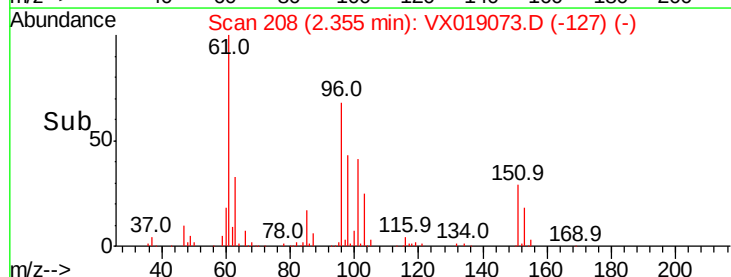
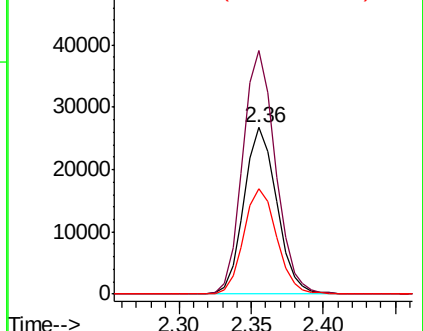
98 63.1 50.4 75.6

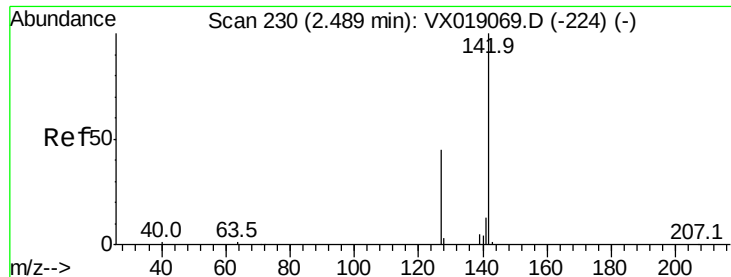


Abundance Ion 96.00 (95.70 to 96.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 98.00 (97.70 to 98.70): VX0

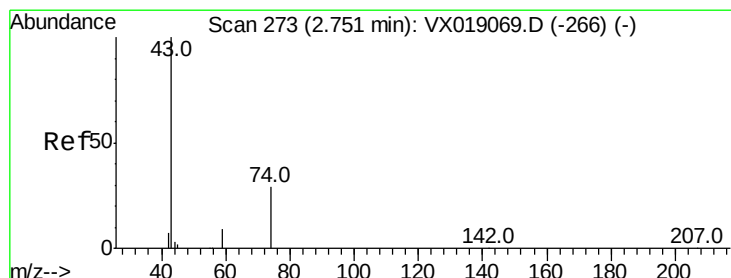
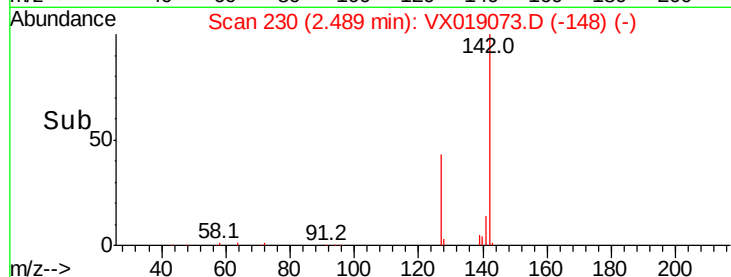
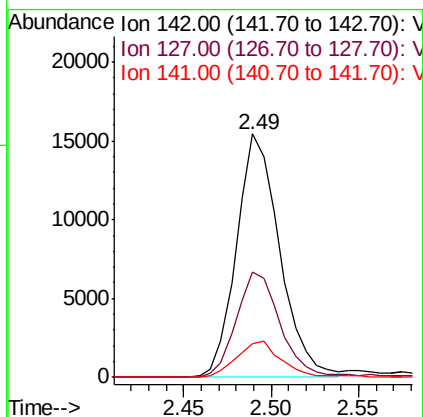
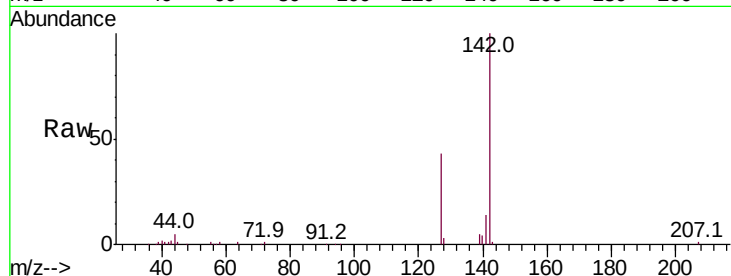




#11
Methvl Iodide
Concen: 16.793 ug/l
RT: 2.49 min Scan# 230
Delta R.T. 0.00 min
Lab File: VX019073.D
Acq: 23 Oct 2020 12:11

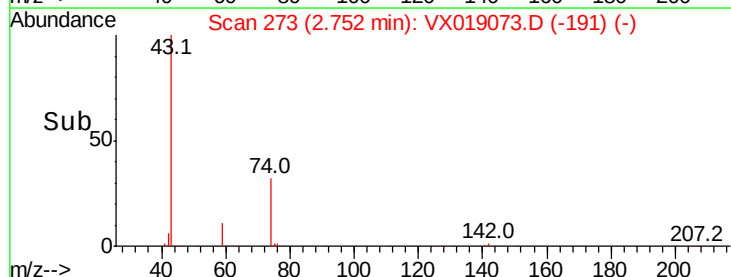
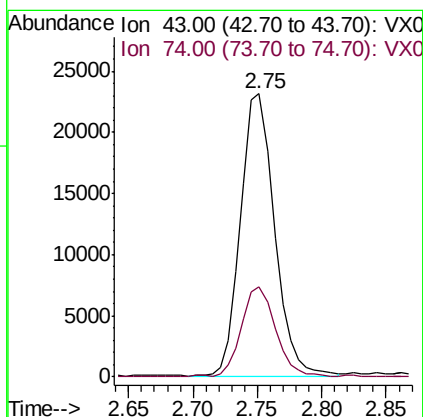
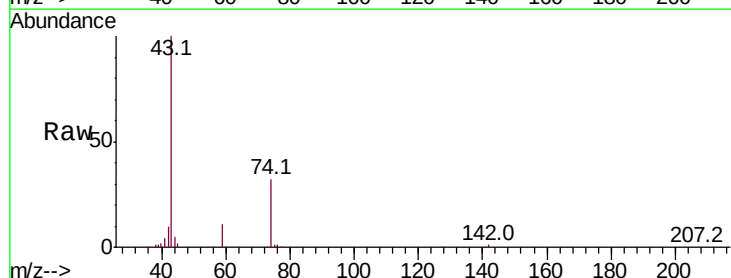
Instrument :
MSVOA_X
ClientSampleId :
ICVVX102320

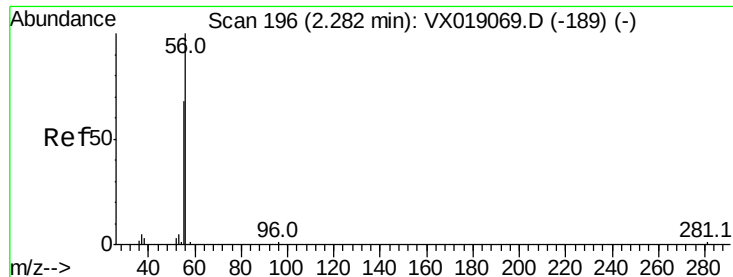
Tot Ion:142 Resp: 26611
Ion Ratio Lower Upper
142 100
127 43.1 22.6 67.7
141 13.7 6.3 19.1



#12
Methyl Acetate
Concen: 19.986 ug/l
RT: 2.75 min Scan# 273
Delta R.T. 0.00 min
Lab File: VX019073.D
Acq: 23 Oct 2020 12:11

Tgt Ion: 43 Resp: 42387
Ion Ratio Lower Upper
43 100
74 32.1 23.9 35.9





#13

Acrolein

Concen: 116.862 ug/l

RT: 2.28 min Scan# 195

Delta R.T. -0.01 min

Lab File: VX019073.D

Acq: 23 Oct 2020 12:11

Instrument :

MSVOA_X

ClientSampleId :

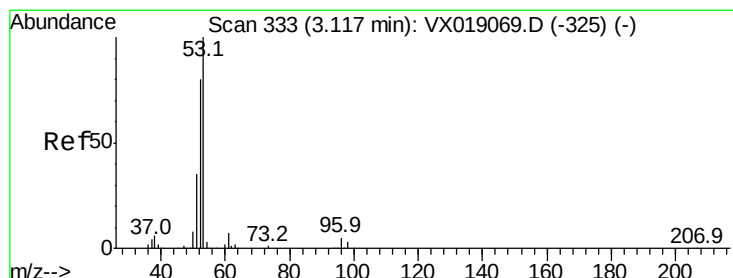
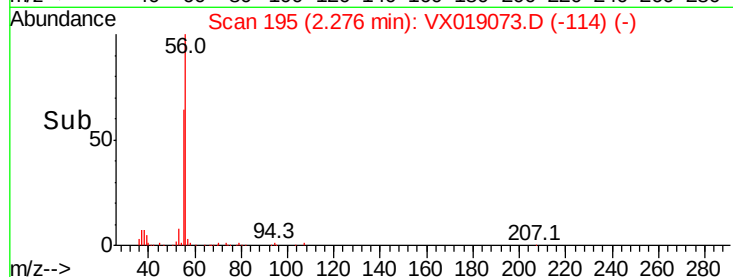
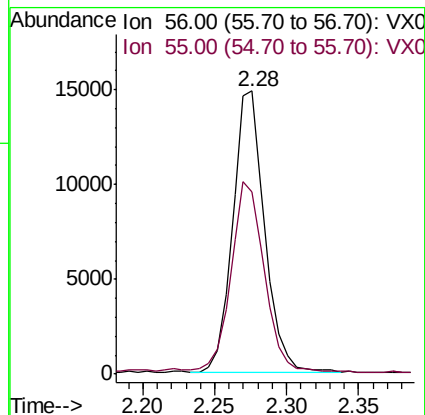
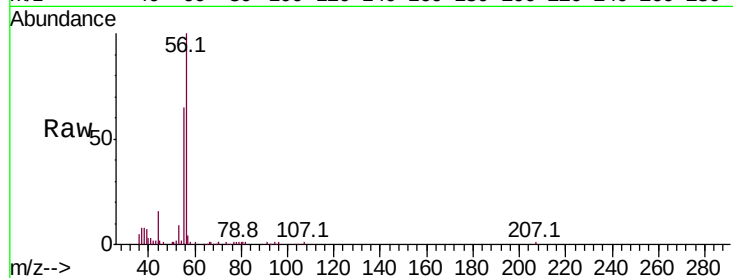
ICVVX102320

Tot Ion: 56 Resp: 22821

Ion Ratio Lower Upper

56 100

55 72.2 58.2 87.2



#14

Acrylonitrile

Concen: 99.333 ug/l

RT: 3.12 min Scan# 333

Delta R.T. 0.00 min

Lab File: VX019073.D

Acq: 23 Oct 2020 12:11

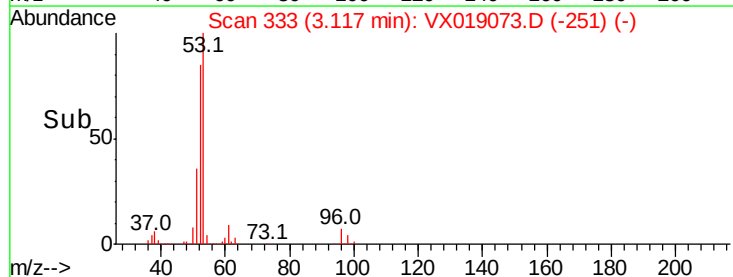
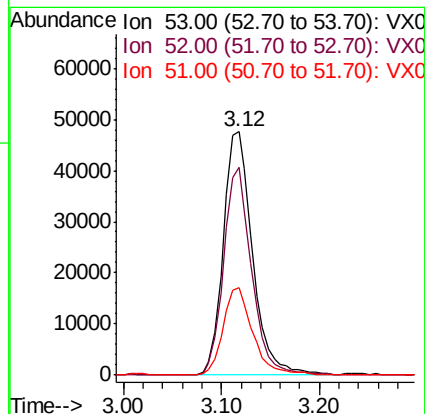
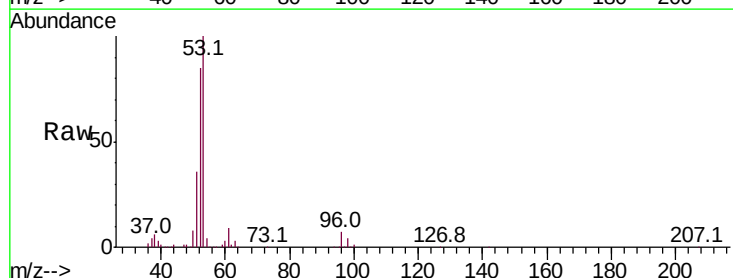
Tgt Ion: 53 Resp: 98973

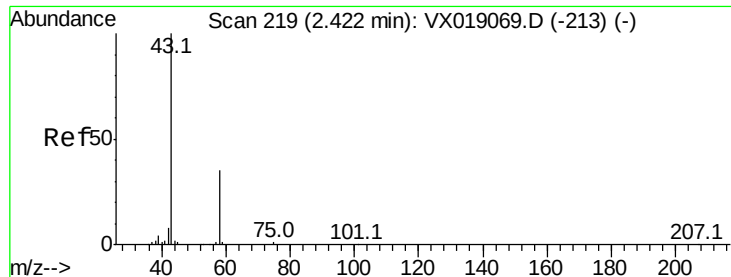
Ion Ratio Lower Upper

53 100

52 81.7 41.0 123.0

51 35.9 18.2 54.6





#15

Acetone

Concen: 103.865 ug/l

RT: 2.42 min Scan# 218

Delta R.T. -0.01 min

Lab File: VX019073.D

Acq: 23 Oct 2020 12:11

Instrument :

MSVOA_X

ClientSampleId :

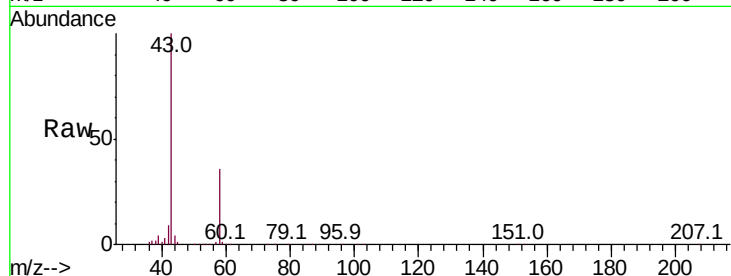
ICVVX102320

Tot Ion: 58 Resp: 29646

Ion Ratio Lower Upper

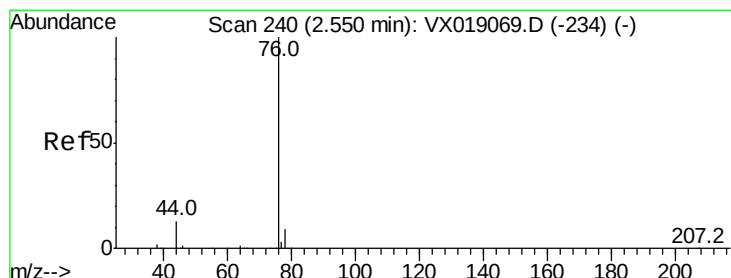
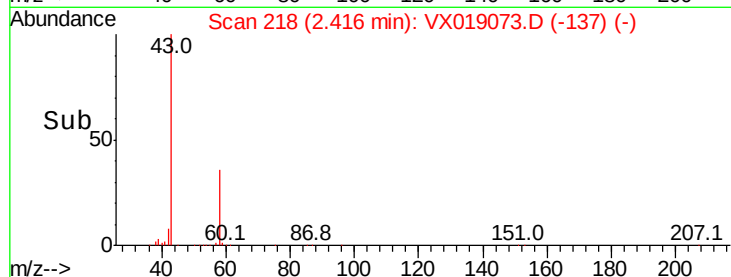
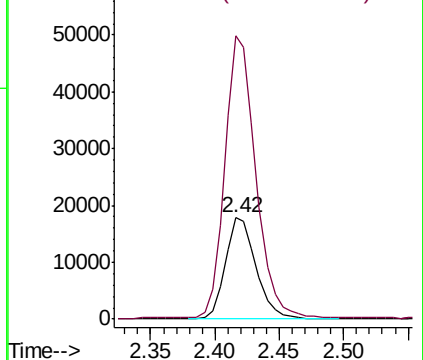
58 100

43 279.3 226.7 340.1



Abundance Ion 58.00 (57.70 to 58.70): VX0

Ion 43.00 (42.70 to 43.70): VX0



#16

Carbon Disulfide

Concen: 19.926 ug/l

RT: 2.55 min Scan# 240

Delta R.T. 0.00 min

Lab File: VX019073.D

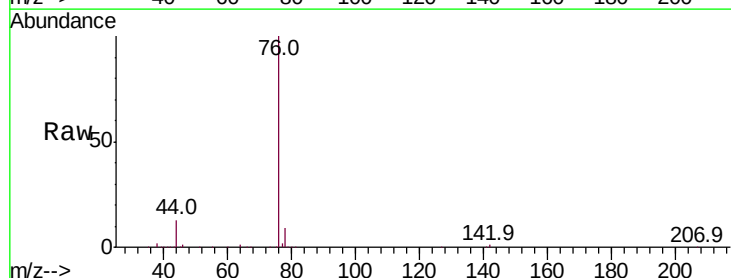
Acq: 23 Oct 2020 12:11

Tgt Ion: 76 Resp: 118657

Ion Ratio Lower Upper

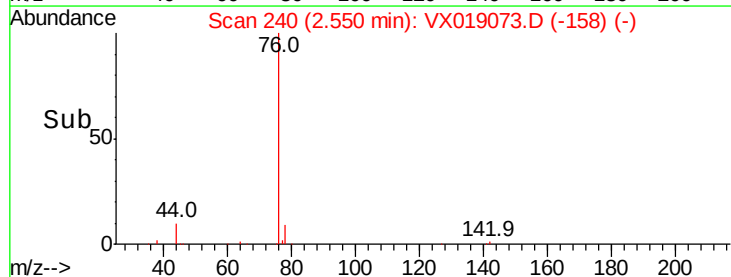
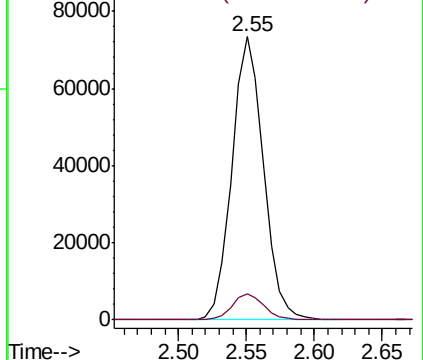
76 100

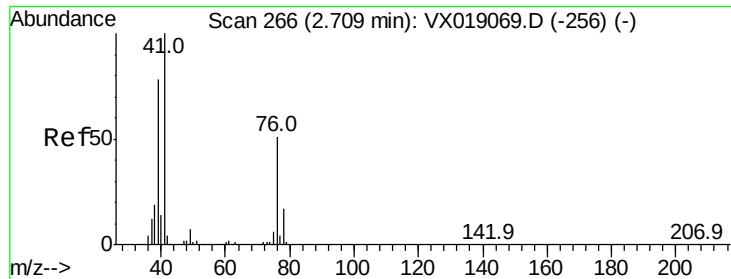
78 9.2 7.2 10.8



Abundance Ion 76.00 (75.70 to 76.70): VX0

Ion 78.00 (77.70 to 78.70): VX0

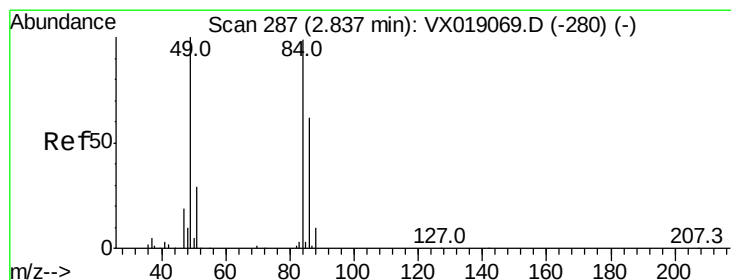
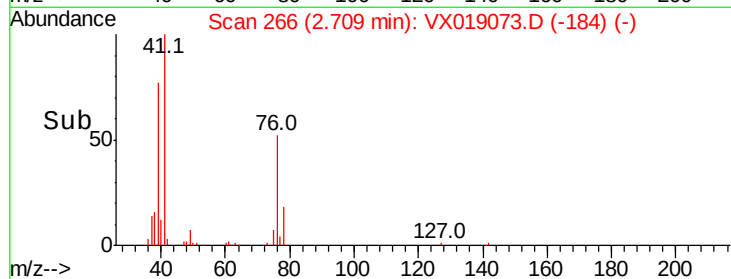
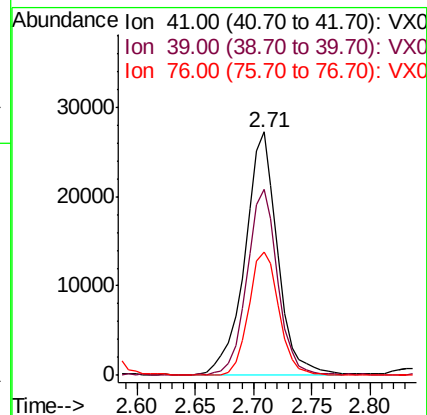
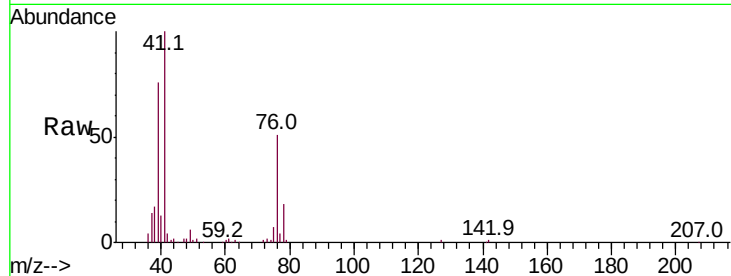




#17
Allvl chloride
Concen: 19.688 ug/l
RT: 2.71 min Scan# 266
Delta R.T. 0.00 min
Lab File: VX019073.D
Acq: 23 Oct 2020 12:11

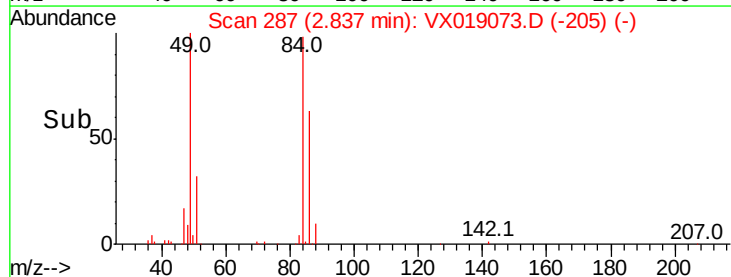
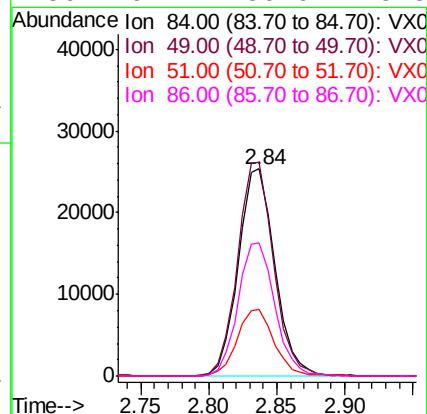
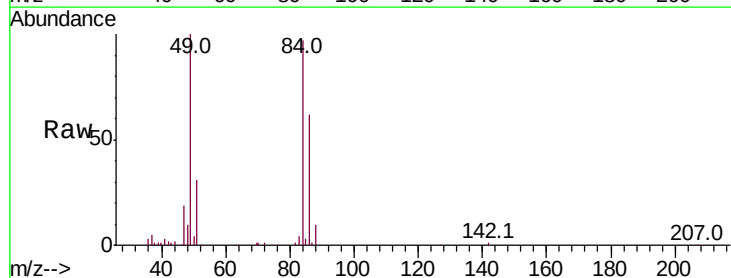
Instrument :
MSVOA_X
ClientSampleId :
ICVVX102320

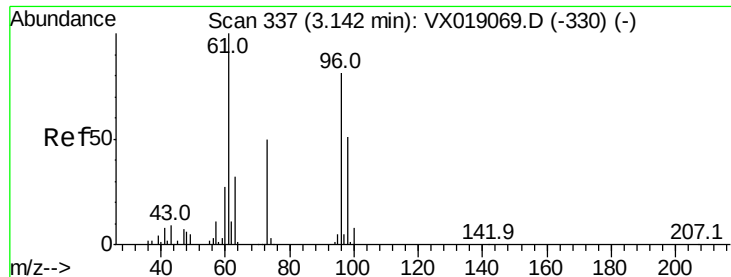
Tot Ion: 41 Resp: 52688
Ion Ratio Lower Upper
41 100
39 76.3 38.8 116.3
76 51.0 25.8 77.4



#18
Methylene Chloride
Concen: 19.448 ug/l
RT: 2.84 min Scan# 287
Delta R.T. 0.00 min
Lab File: VX019073.D
Acq: 23 Oct 2020 12:11

Tgt Ion: 84 Resp: 47517
Ion Ratio Lower Upper
84 100
49 103.3 80.9 121.3
51 32.2 23.8 35.6
86 64.4 50.6 75.8

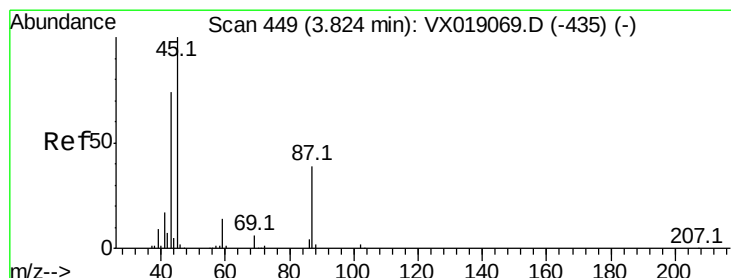
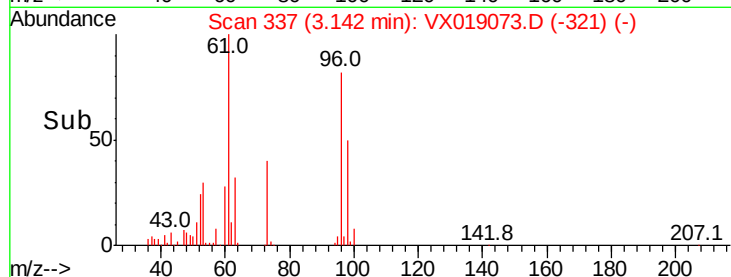
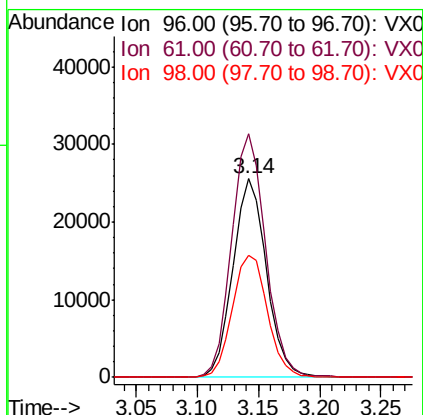
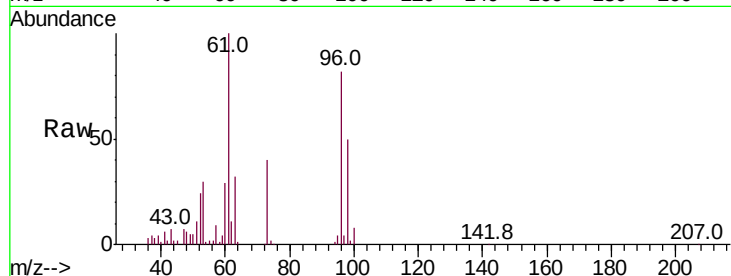




#19
trans-1,2-Dichloroethene
Concen: 19.460 ug/l
RT: 3.14 min Scan# 337
Delta R.T. 0.00 min
Lab File: VX019073.D
Acq: 23 Oct 2020 12:11

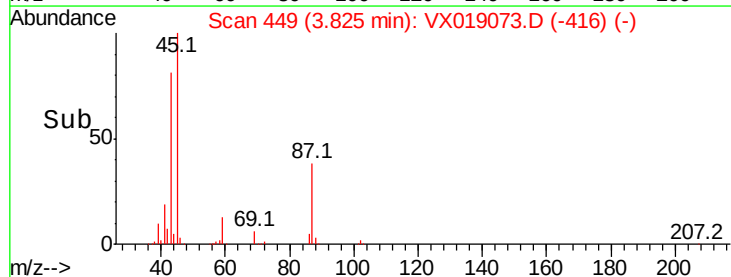
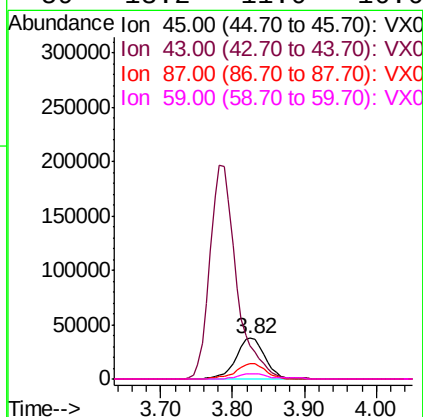
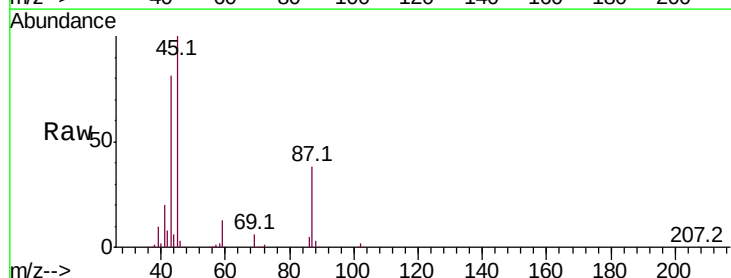
Instrument :
MSVOA_X
ClientSampleId :
ICVVX102320

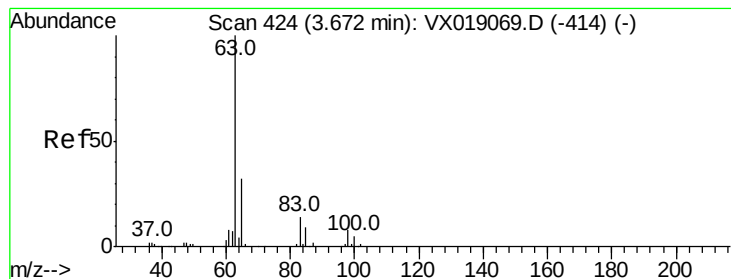
Tot Ion: 96 Resp: 48693
Ion Ratio Lower Upper
96 100
61 122.6 98.4 147.6
98 61.2 49.9 74.9



#20
Diisopropyl ether
Concen: 19.613 ug/l
RT: 3.82 min Scan# 449
Delta R.T. 0.00 min
Lab File: VX019073.D
Acq: 23 Oct 2020 12:11

Tgt Ion: 45 Resp: 106325
Ion Ratio Lower Upper
45 100
43 80.3 60.6 91.0
87 37.7 30.9 46.3
59 13.2 11.0 16.6





#21

1,1-Dichloroethane

Concen: 19.547 ug/l

RT: 3.67 min Scan# 424

Delta R.T. 0.00 min

Lab File: VX019073.D

Acq: 23 Oct 2020 12:11

Instrument :

MSVOA_X

ClientSampleId :

ICVVX102320

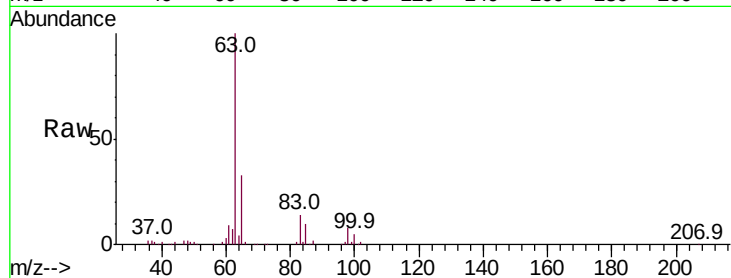
Tot Ion: 63 Resp: 77801

Ion Ratio Lower Upper

63 100

98 8.0 3.9 11.7

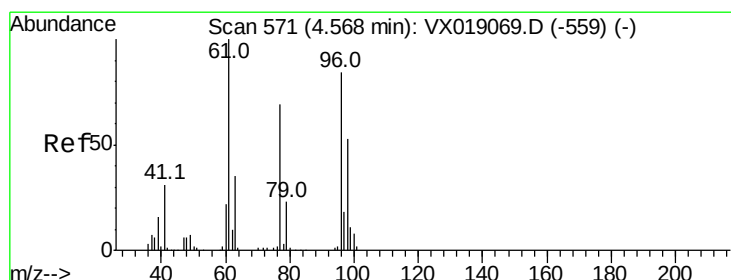
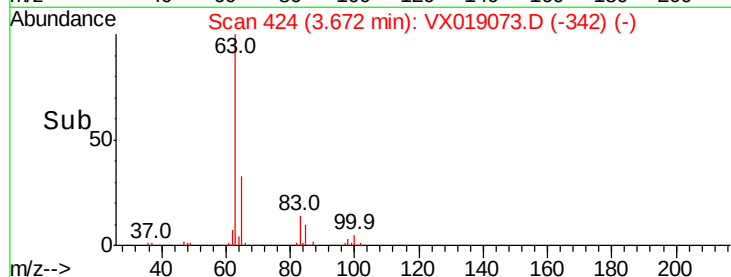
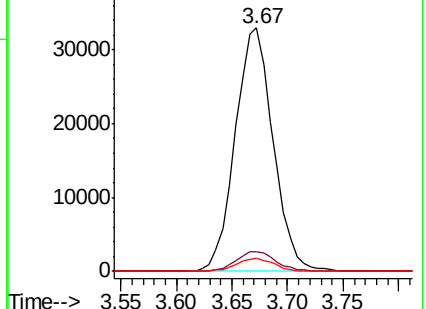
100 5.3 2.4 7.2



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: 19.272 ug/l

RT: 4.56 min Scan# 570

Delta R.T. -0.01 min

Lab File: VX019073.D

Acq: 23 Oct 2020 12:11

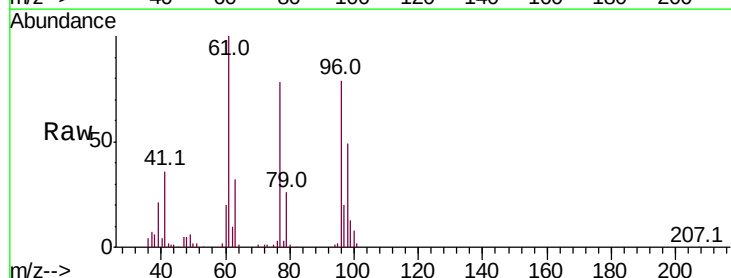
Tgt Ion: 96 Resp: 55858

Ion Ratio Lower Upper

96 100

61 128.4 101.9 152.9

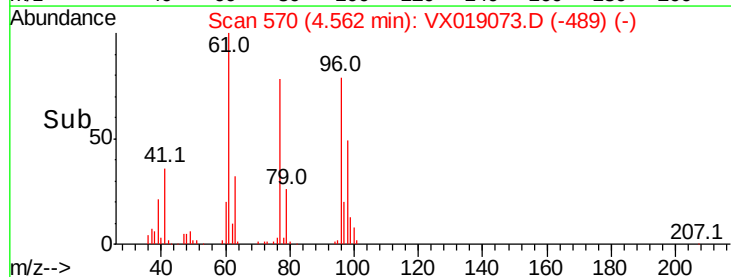
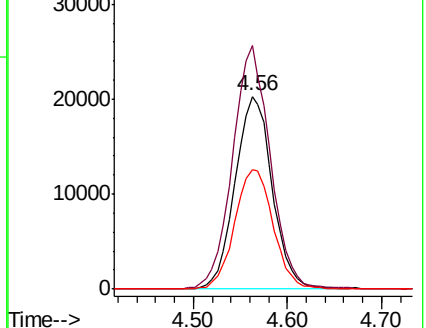
98 64.4 51.3 76.9

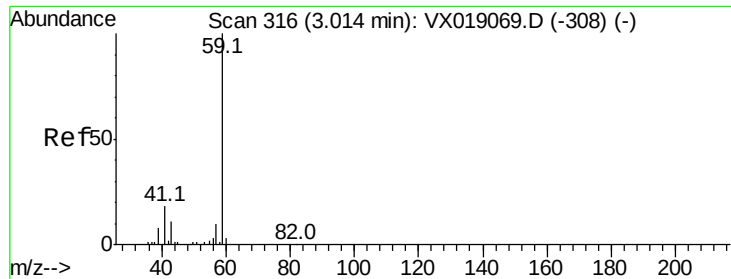


Abundance Ion 96.00 (95.70 to 96.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 98.00 (97.70 to 98.70): VX0



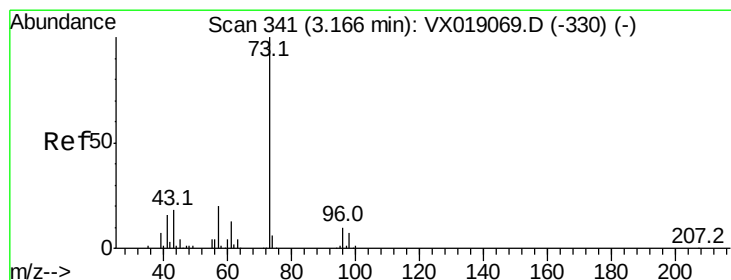
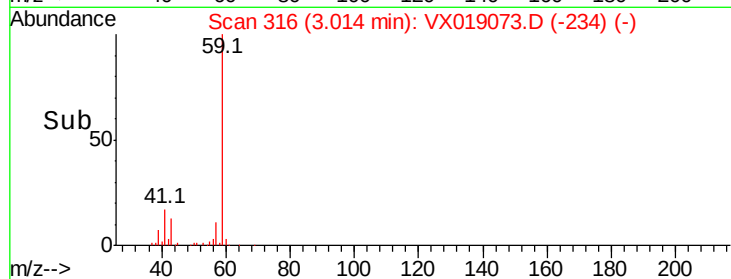
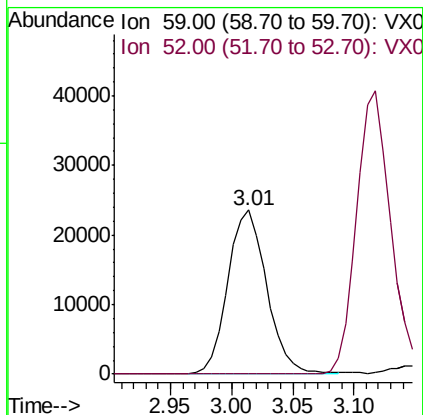
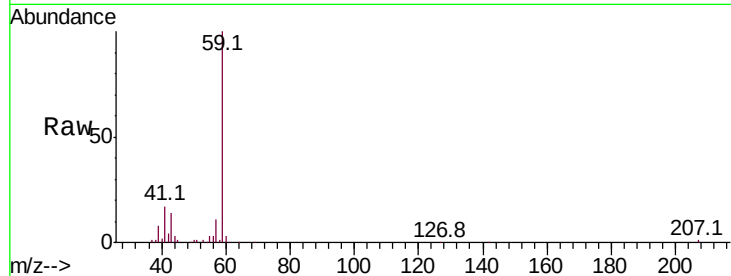


#23

tert-Butyl Alcohol
Concen: 108.071 ug/l
RT: 3.01 min Scan# 316
Delta R.T. 0.00 min
Lab File: VX019073.D
Acq: 23 Oct 2020 12:11

Instrument :
MSVOA_X
ClientSampleId :
ICVVX102320

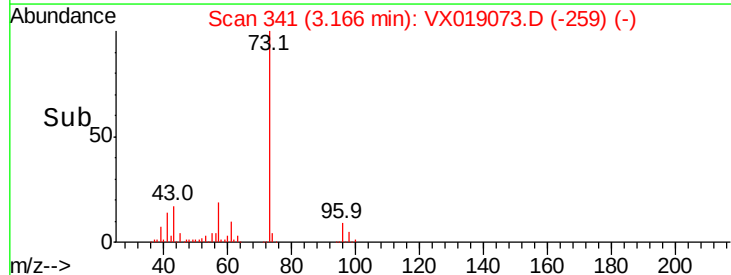
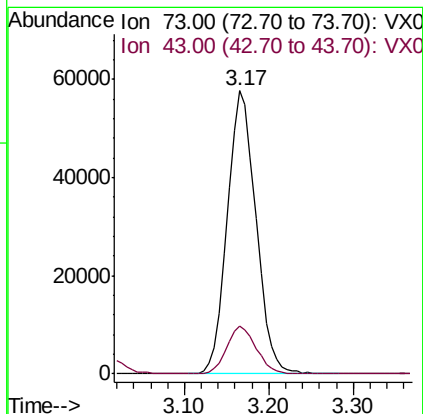
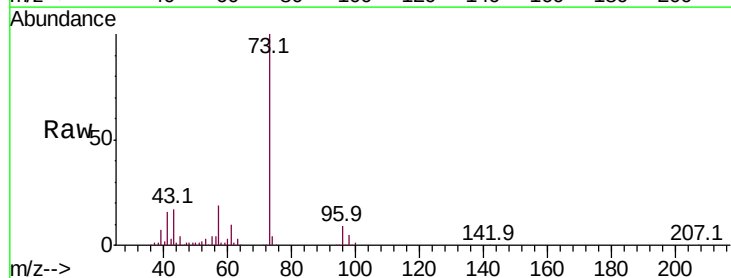
Tot Ion: 59 Resp: 52204
Ion Ratio Lower Upper
59 100
52 0.1 0.2 0.4#

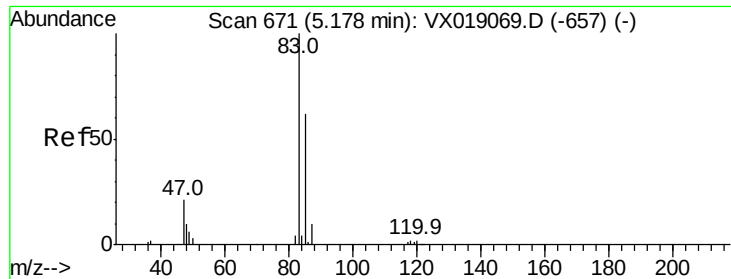


#24

Methyl tert-Butyl Ether
Concen: 19.731 ug/l
RT: 3.17 min Scan# 341
Delta R.T. 0.00 min
Lab File: VX019073.D
Acq: 23 Oct 2020 12:11

Tgt Ion: 73 Resp: 133668
Ion Ratio Lower Upper
73 100
43 17.3 13.9 20.9





#25

Chloroform

Concen: 19.331 ug/l

RT: 5.18 min Scan# 671

Delta R.T. 0.00 min

Lab File: VX019073.D

Acq: 23 Oct 2020 12:11

Instrument :

MSVOA_X

ClientSampleId :

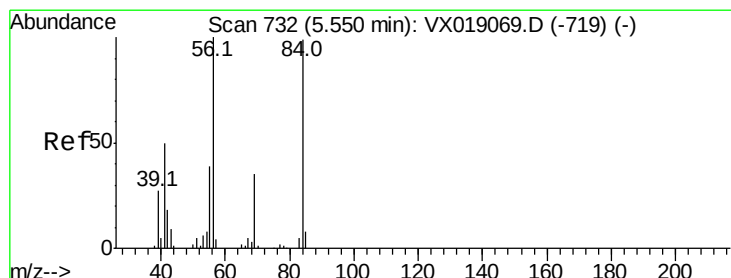
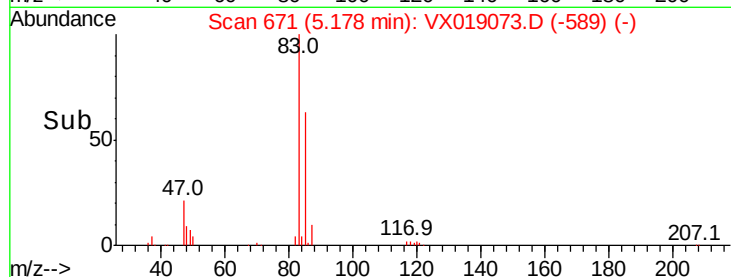
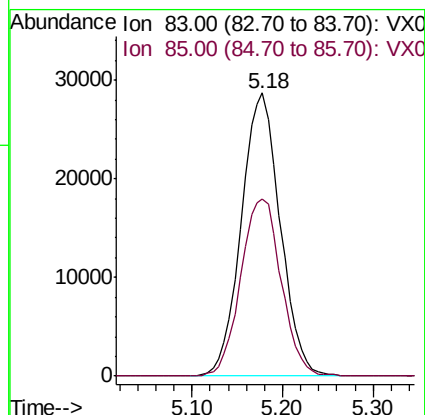
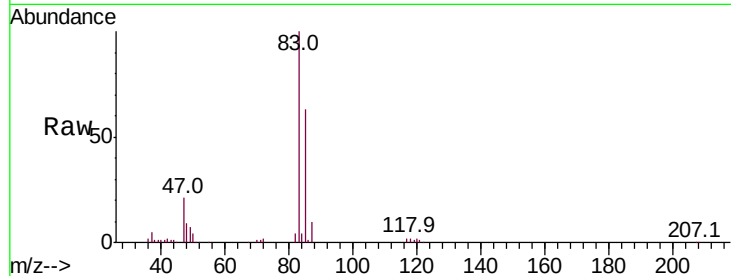
ICVVX102320

Tot Ion: 83 Resp: 85255

Ion Ratio Lower Upper

83 100

85 62.7 49.8 74.8



#26

Cyclohexane

Concen: 19.630 ug/l

RT: 5.55 min Scan# 732

Delta R.T. 0.00 min

Lab File: VX019073.D

Acq: 23 Oct 2020 12:11

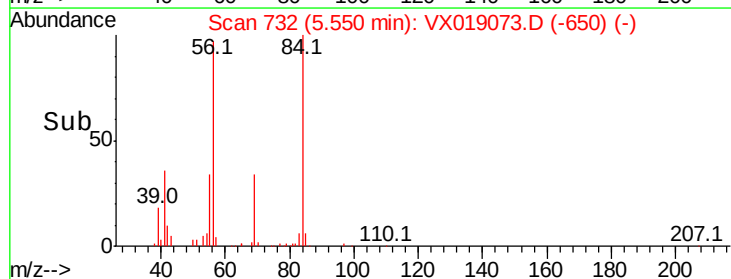
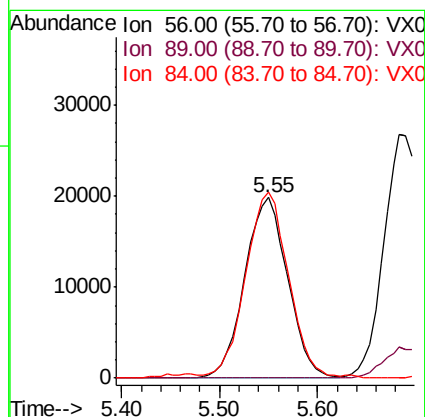
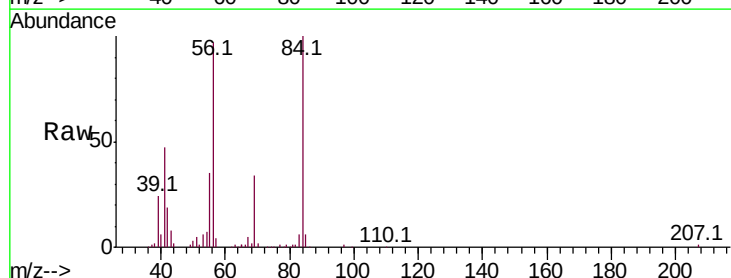
Tgt Ion: 56 Resp: 60715

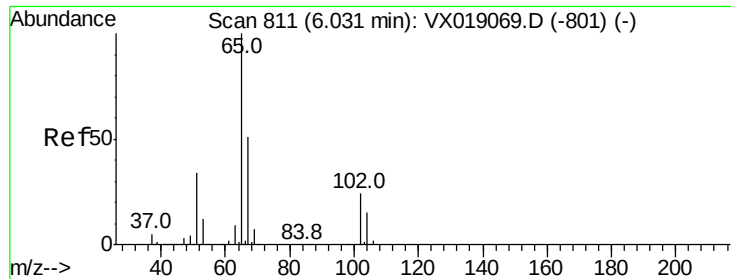
Ion Ratio Lower Upper

56 100

89 0.0 0.0 0.0

84 102.3 83.7 125.5





#27

1,2-Dichloroethane-d4

Concen: 31.106 ug/l

RT: 6.03 min Scan# 811

Delta R.T. 0.00 min

Lab File: VX019073.D

Acq: 23 Oct 2020 12:11

Instrument :

MSVOA_X

ClientSampleId :

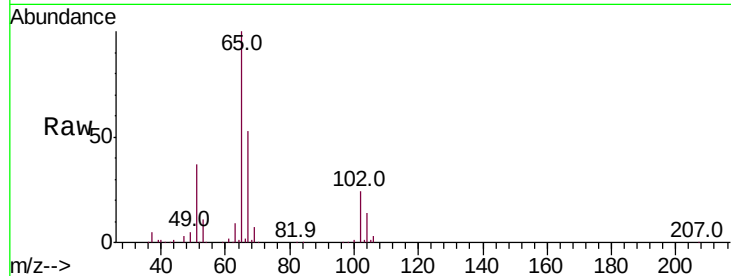
ICVVX102320

Tot Ion: 65 Resp: 88177

Ion Ratio Lower Upper

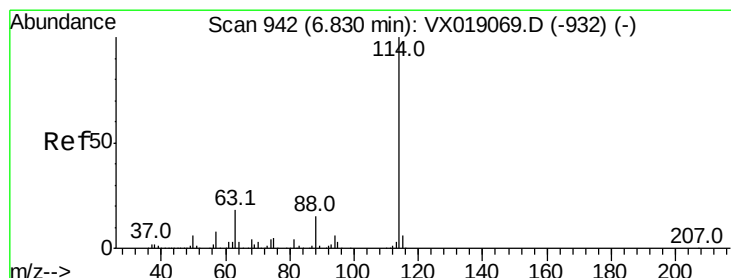
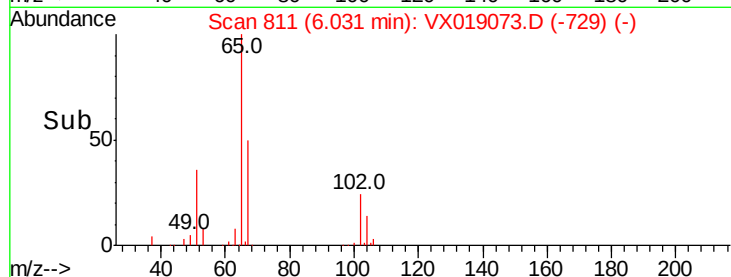
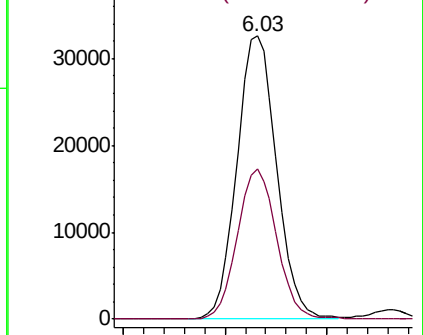
65 100

67 52.5 42.0 63.0



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: VX019073.D

Acq: 23 Oct 2020 12:11

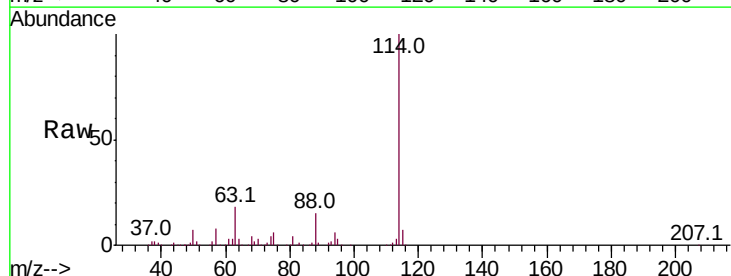
Tgt Ion: 114 Resp: 247502

Ion Ratio Lower Upper

114 100

63 18.3 14.6 21.8

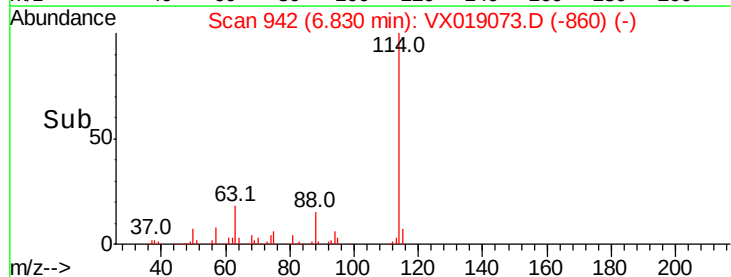
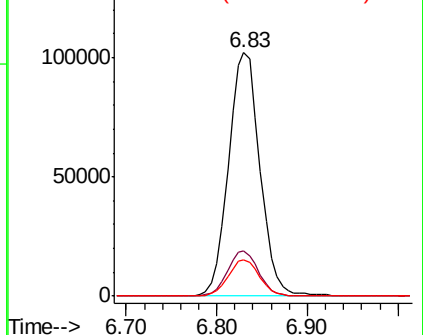
88 15.0 12.2 18.2

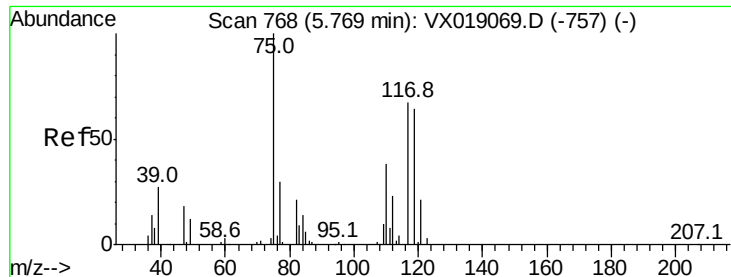


Abundance Ion 114.00 (113.70 to 114.70): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 88.00 (87.70 to 88.70): VX0

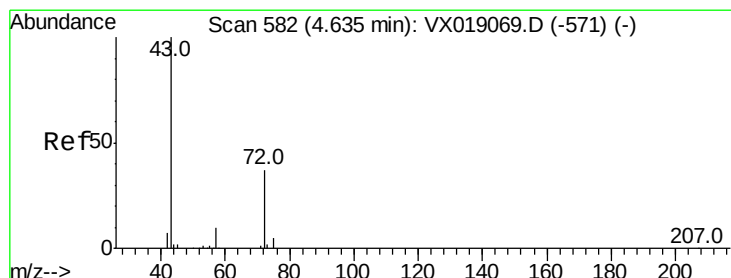
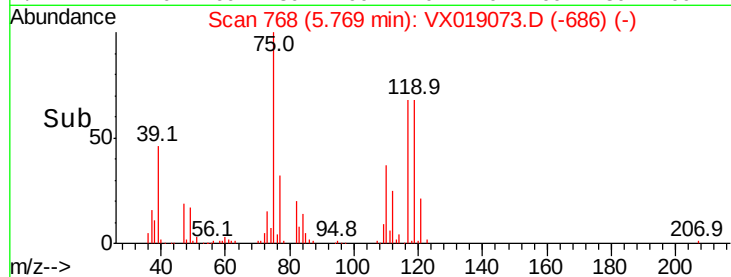
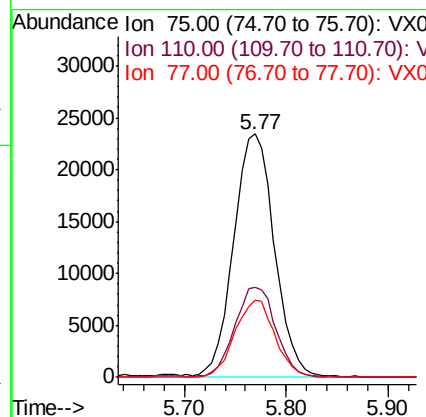
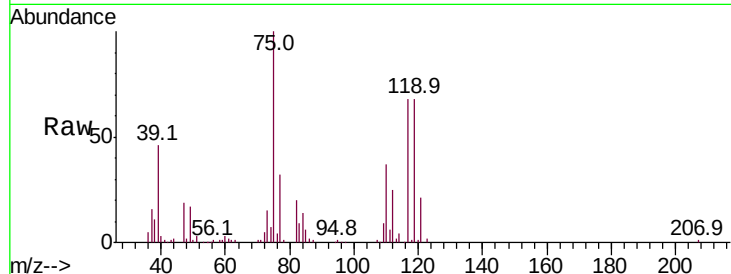




#29
 1,1-Dichloropropene
 Concen: 18.554 ug/l
 RT: 5.77 min Scan# 768
 Delta R.T. 0.00 min
 Lab File: VX019073.D
 Acq: 23 Oct 2020 12:11

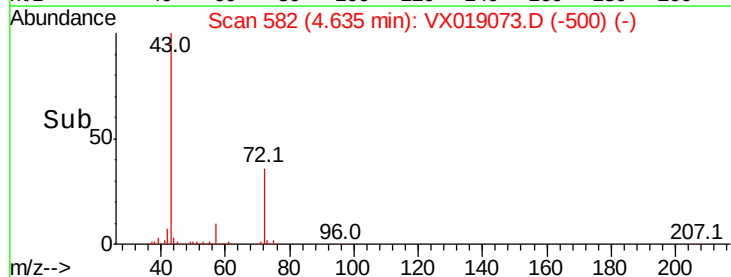
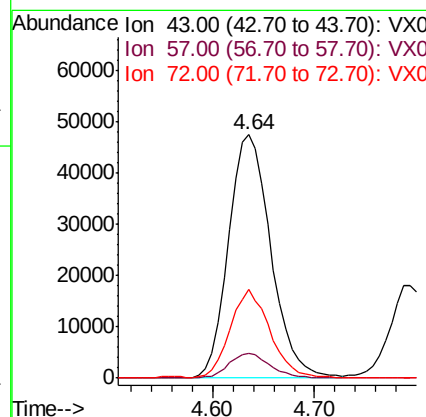
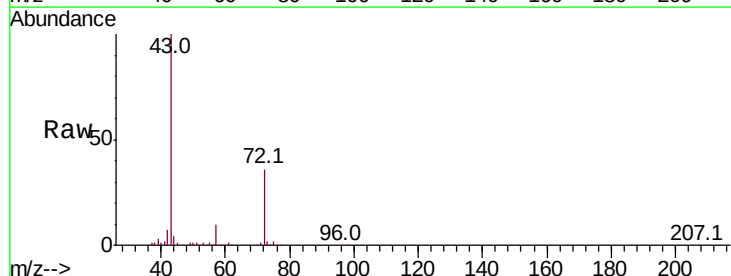
Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX102320

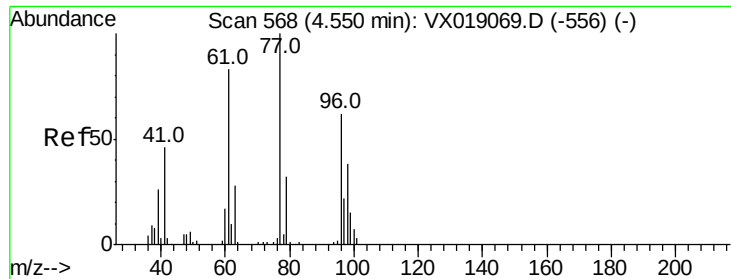
Tot Ion	Ratio	Lower	Upper
75	100		
110	37.5	0.0	77.4
77	31.4	0.0	62.8



#30
 2-Butanone
 Concen: 97.365 ug/l
 RT: 4.64 min Scan# 582
 Delta R.T. 0.00 min
 Lab File: VX019073.D
 Acq: 23 Oct 2020 12:11

Tgt Ion	Ratio	Lower	Upper
43	100		
57	10.0	7.8	11.6
72	34.5	28.1	42.1

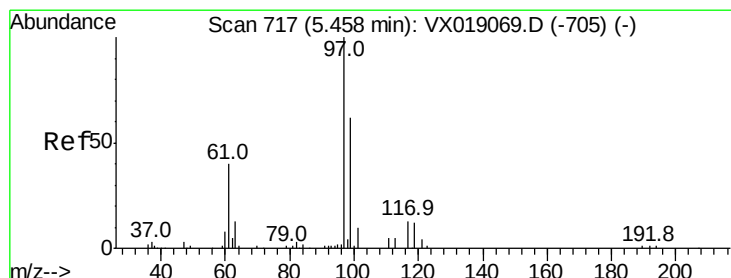
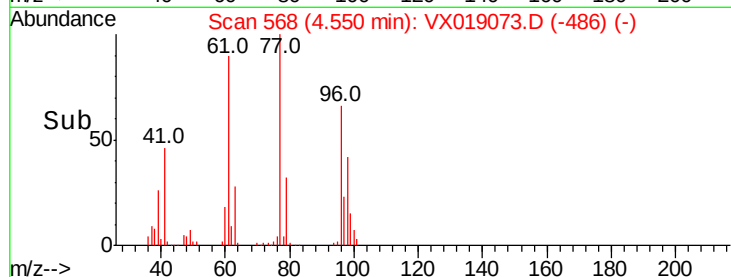
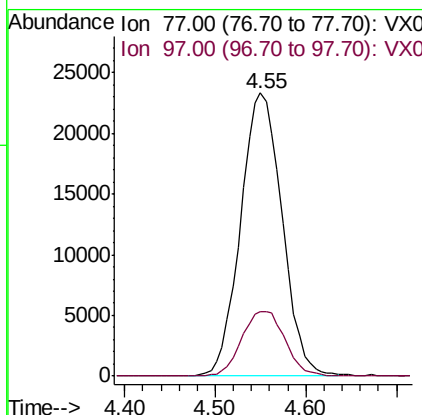
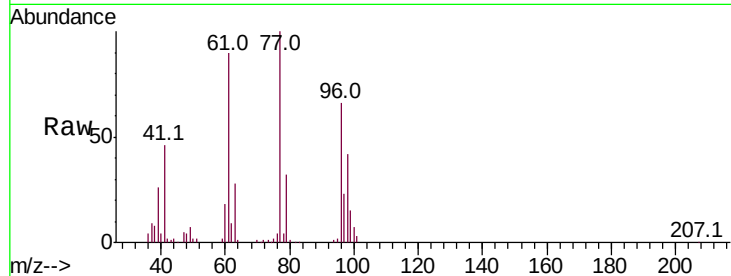




#31
 2,2-Dichloropropane
 Concen: 18.488 ug/l
 RT: 4.55 min Scan# 568
 Delta R.T. 0.00 min
 Lab File: VX019073.D
 Acq: 23 Oct 2020 12:11

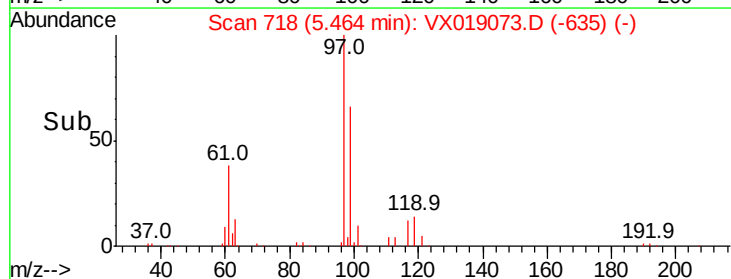
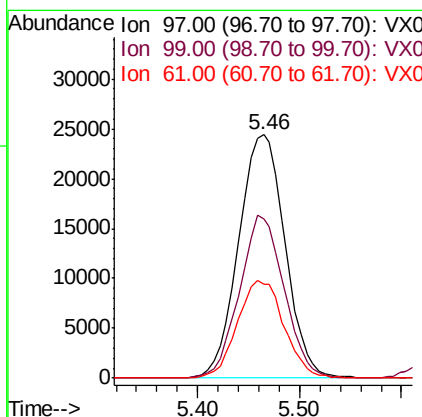
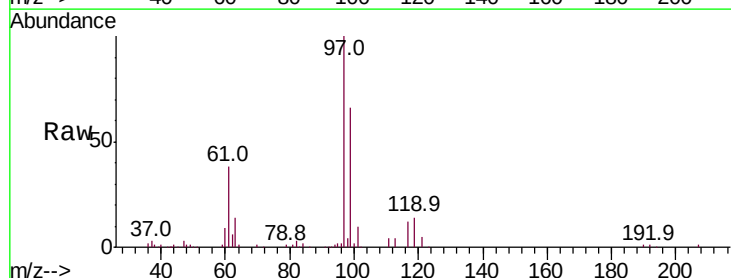
Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX102320

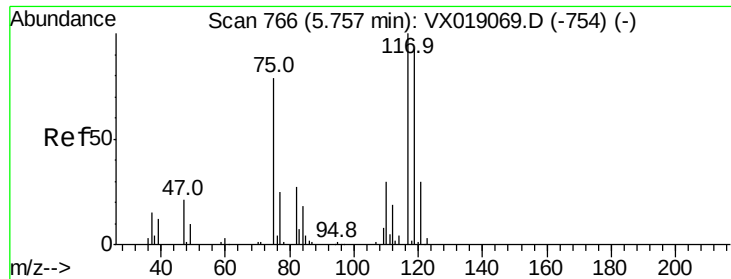
Tot Ion: 77 Resp: 73860
 Ion Ratio Lower Upper
 77 100
 97 23.8 19.2 28.8



#32
 1,1,1-Trichloroethane
 Concen: 18.390 ug/l
 RT: 5.46 min Scan# 718
 Delta R.T. 0.01 min
 Lab File: VX019073.D
 Acq: 23 Oct 2020 12:11

Tgt Ion: 97 Resp: 77177
 Ion Ratio Lower Upper
 97 100
 99 64.3 51.0 76.6
 61 40.2 32.0 48.0





#33

Carbon Tetrachloride

Concen: 17.971 ug/l

RT: 5.76 min Scan# 766

Delta R.T. 0.00 min

Lab File: VX019073.D

Acq: 23 Oct 2020 12:11

Instrument :

MSVOA_X

ClientSampleId :

ICVVX102320

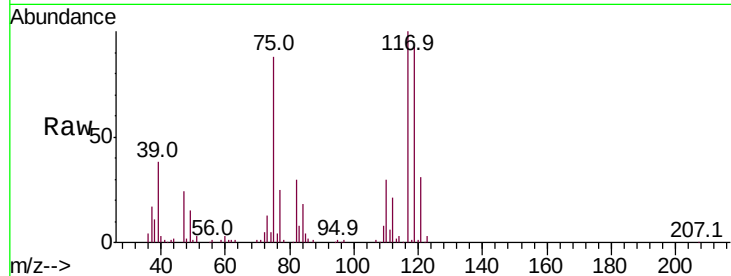
Tot Ion:117 Resp: 65449

Ion Ratio Lower Upper

117 100

119 92.7 74.5 111.7

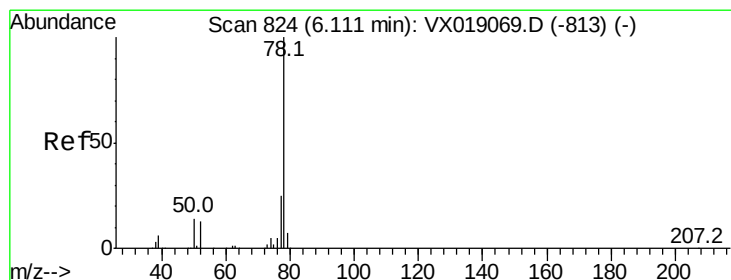
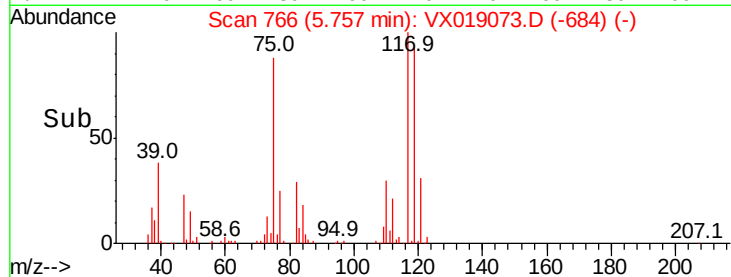
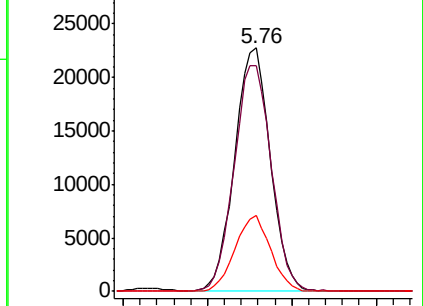
121 31.1 24.1 36.1



Abundance Ion 117.00 (116.70 to 117.70): V

Ion 119.00 (118.70 to 119.70): V

Ion 121.00 (120.70 to 121.70): V



#34

Benzene

Concen: 18.635 ug/l

RT: 6.11 min Scan# 824

Delta R.T. 0.00 min

Lab File: VX019073.D

Acq: 23 Oct 2020 12:11

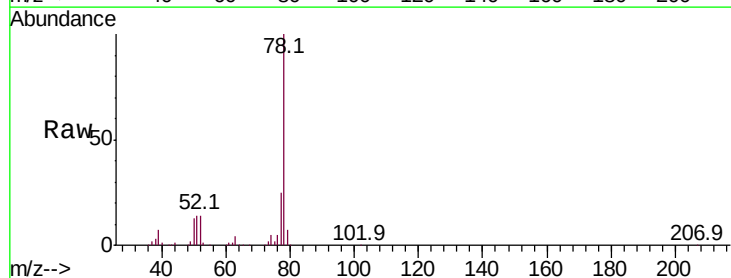
Tgt Ion: 78 Resp: 191445

Ion Ratio Lower Upper

78 100

77 24.7 20.1 30.1

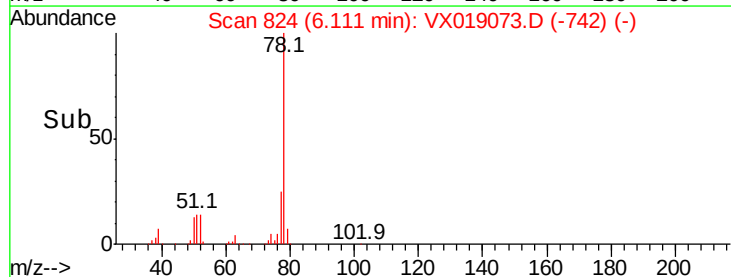
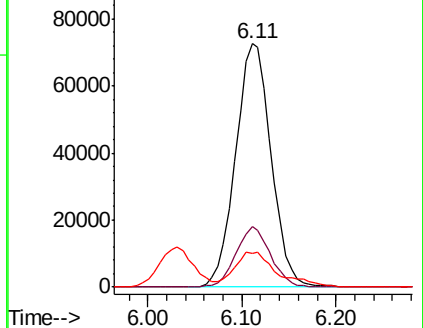
51 13.6 11.0 16.4

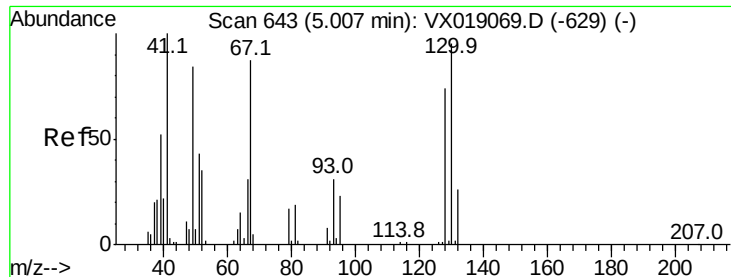


Abundance Ion 78.10 (77.80 to 78.80): VX0

Ion 77.00 (76.70 to 77.70): VX0

Ion 51.00 (50.70 to 51.70): VX0

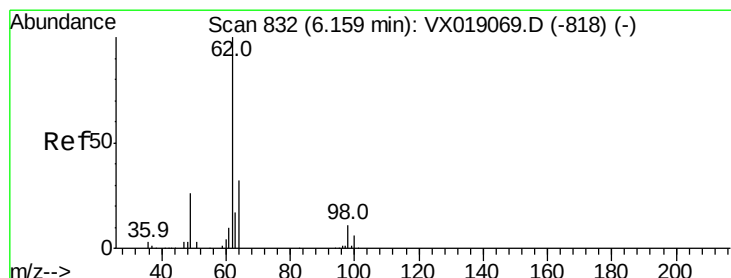
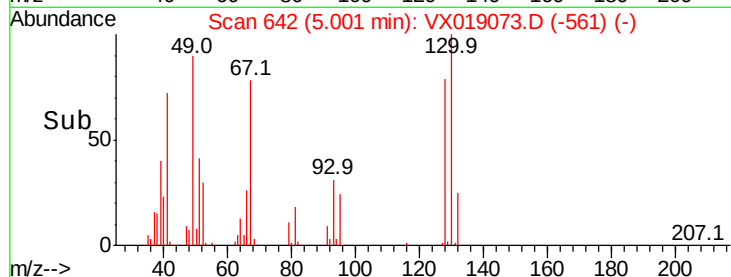
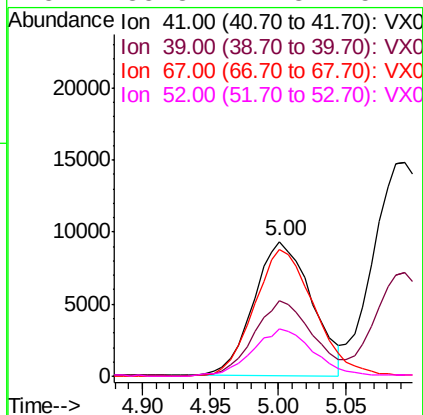
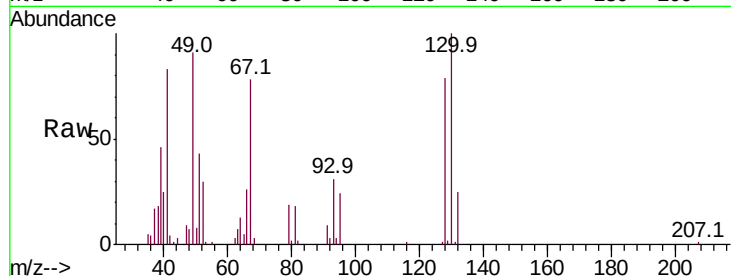




#35
Methacrylonitrile
Concen: 18.382 ug/l
RT: 5.00 min Scan# 642
Delta R.T. -0.01 min
Lab File: VX019073.D
Acq: 23 Oct 2020 12:11

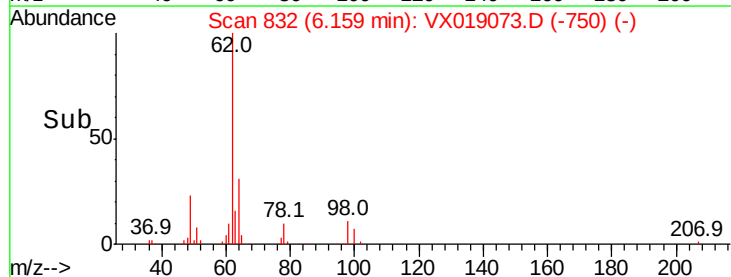
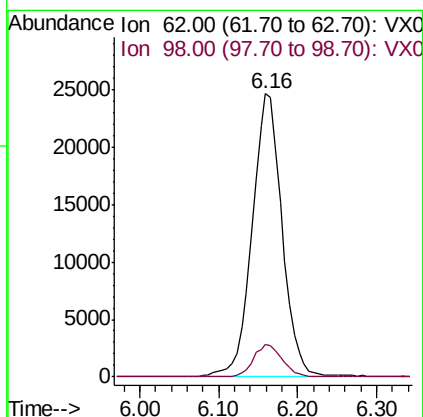
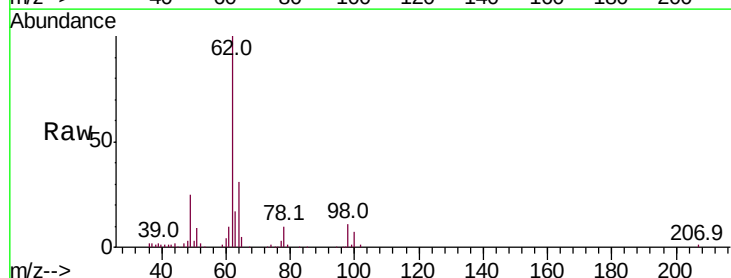
Instrument :
MSVOA_X
ClientSampleId :
ICVVX102320

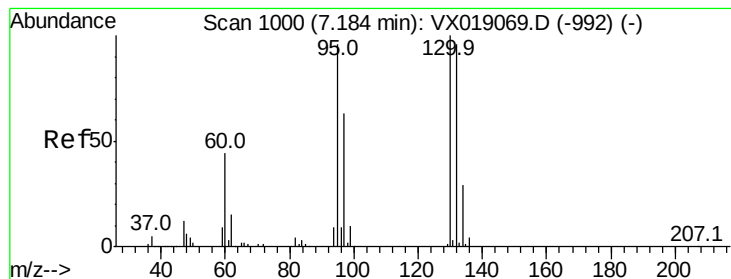
Tot Ion: 41 Resp: 27679
Ion Ratio Lower Upper
41 100
39 55.4 25.8 77.4
67 94.8 43.6 130.8
52 35.8 17.3 51.7



#36
1,2-Dichloroethane
Concen: 18.429 ug/l
RT: 6.16 min Scan# 832
Delta R.T. 0.00 min
Lab File: VX019073.D
Acq: 23 Oct 2020 12:11

Tgt Ion: 62 Resp: 64947
Ion Ratio Lower Upper
62 100
98 10.9 8.4 12.6





#37

Trichloroethene

Concen: 18.372 ug/l

RT: 7.19 min Scan# 1001

Delta R.T. 0.01 min

Lab File: VX019073.D

Acq: 23 Oct 2020 12:11

Instrument :

MSVOA_X

ClientSampleId :

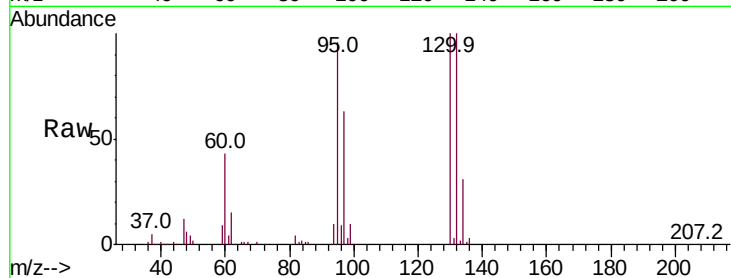
ICVVX102320

Tot Ion:130 Resp: 54251

Ion Ratio Lower Upper

130 100

95 95.6 76.8 115.2



Abundance Ion 129.90 (129.60 to 130.60): V

Ion 94.90 (94.60 to 95.60): VX0

7.19

25000

20000

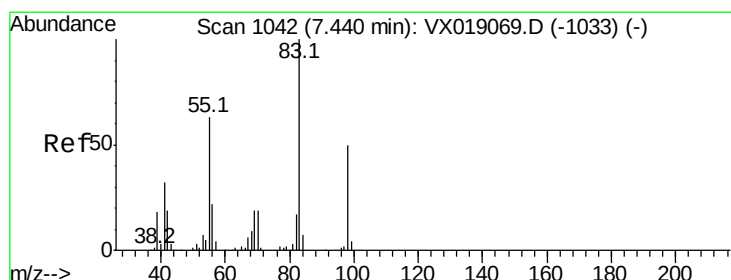
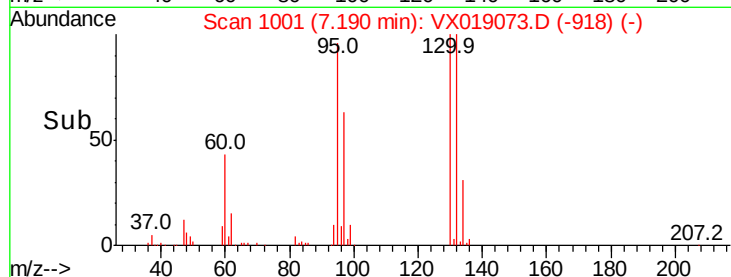
15000

10000

5000

0

Time--> 7.10 7.20 7.30



#38

Methylcyclohexane

Concen: 18.269 ug/l

RT: 7.44 min Scan# 1042

Delta R.T. 0.00 min

Lab File: VX019073.D

Acq: 23 Oct 2020 12:11

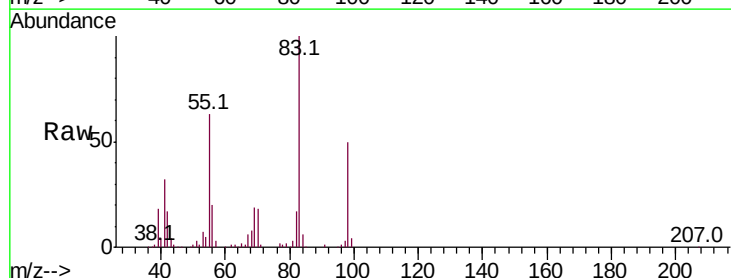
Tgt Ion: 83 Resp: 71500

Ion Ratio Lower Upper

83 100

55 67.7 32.3 96.8

98 51.6 25.7 77.1



Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 98.00 (97.70 to 98.70): VX0

7.44

40000

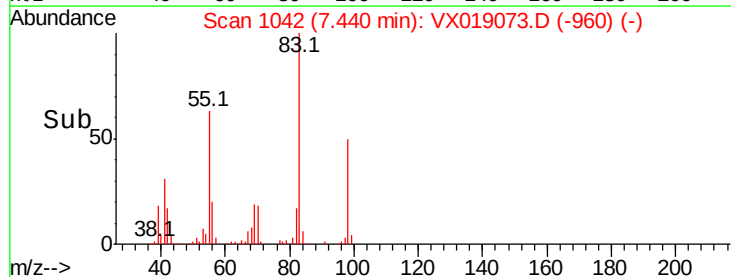
30000

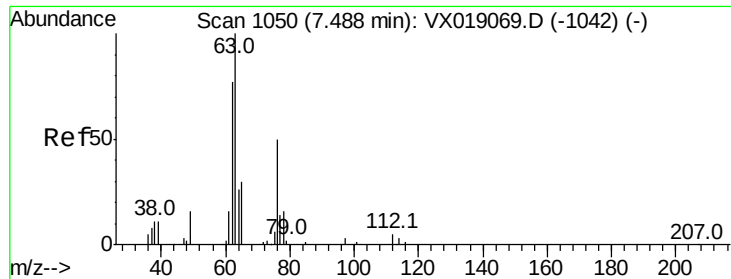
20000

10000

0

Time--> 7.35 7.40 7.45 7.50





#39

1,2-Dichloropropane

Concen: 18.674 ug/l

RT: 7.49 min Scan# 1050

Delta R.T. 0.00 min

Lab File: VX019073.D

Acq: 23 Oct 2020 12:11

Instrument :

MSVOA_X

ClientSampleId :

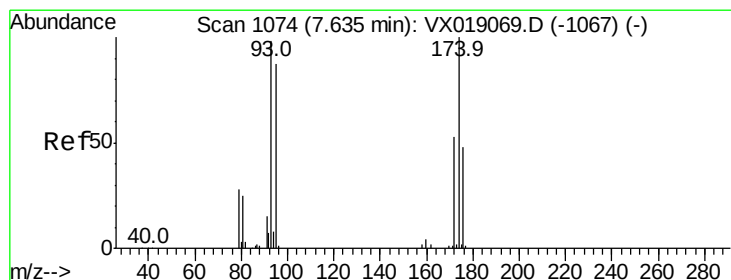
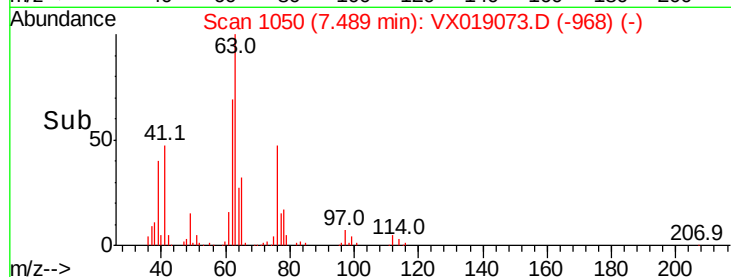
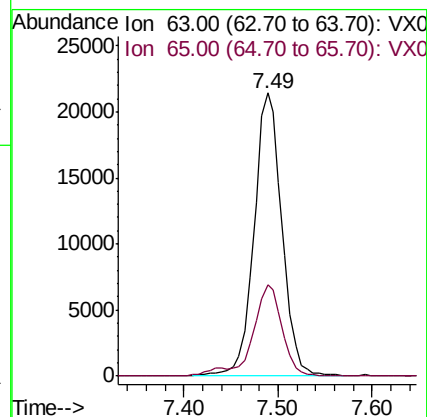
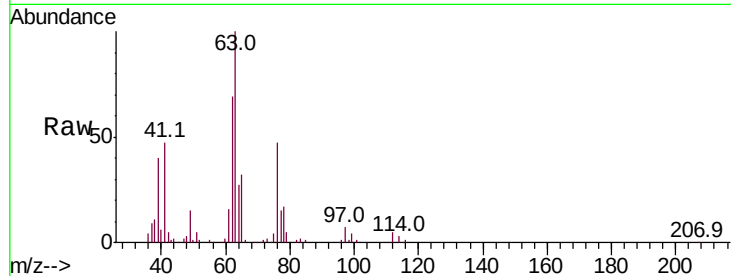
ICVVX102320

Tot Ion: 63 Resp: 44534

Ion Ratio Lower Upper

63 100

65 32.4 25.8 38.8



#40

Dibromomethane

Concen: 18.480 ug/l

RT: 7.63 min Scan# 1074

Delta R.T. 0.00 min

Lab File: VX019073.D

Acq: 23 Oct 2020 12:11

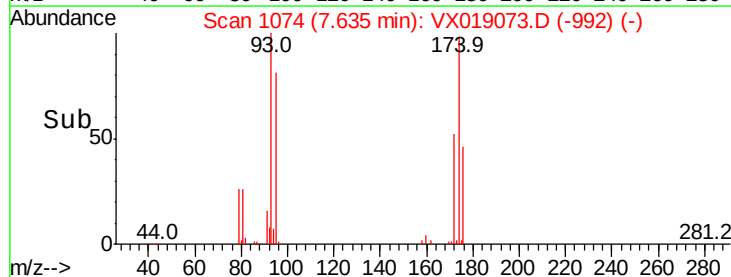
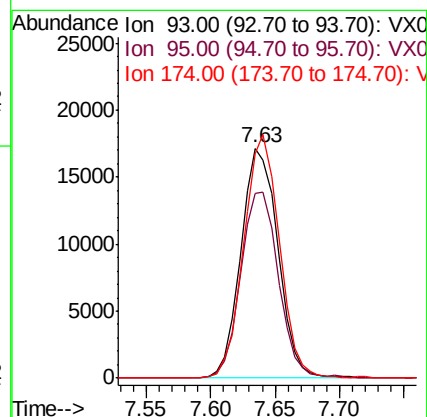
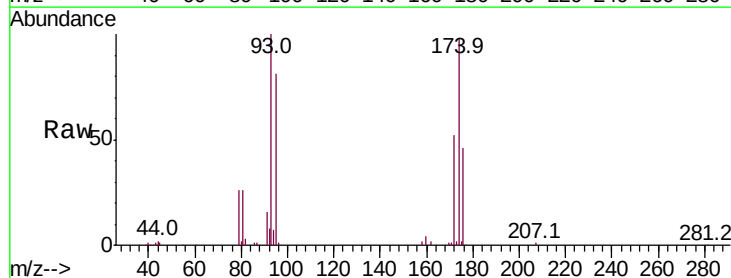
Tgt Ion: 93 Resp: 34202

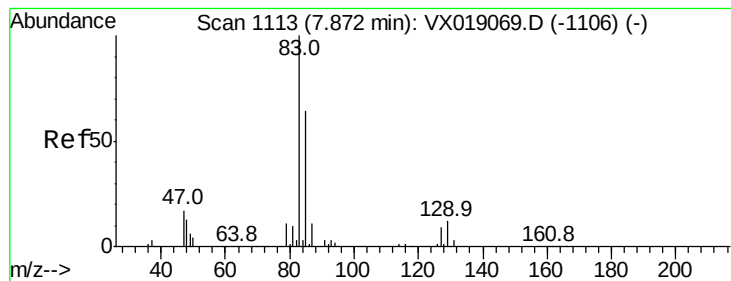
Ion Ratio Lower Upper

93 100

95 81.8 0.0 169.0

174 101.4 0.0 205.4





#41

Bromodichloromethane

Concen: 18.170 ug/l

RT: 7.87 min Scan# 1113

Delta R.T. 0.00 min

Lab File: VX019073.D

Acq: 23 Oct 2020 12:11

Instrument :

MSVOA_X

ClientSampleId :

ICVVX102320

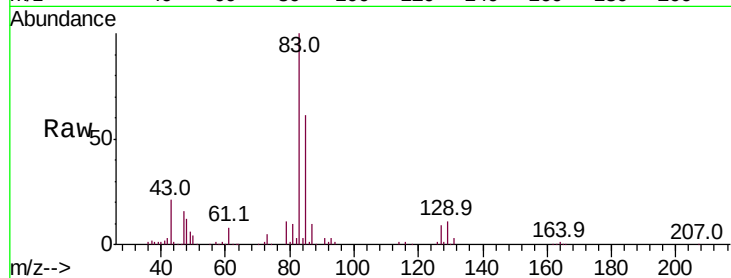
Tot Ion: 83 Resp: 66485

Ion Ratio Lower Upper

83 100

85 60.8 51.2 76.8

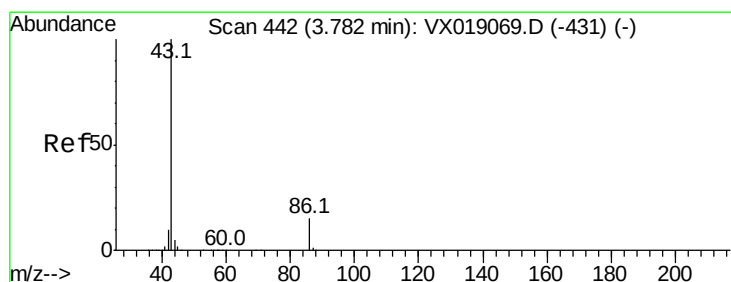
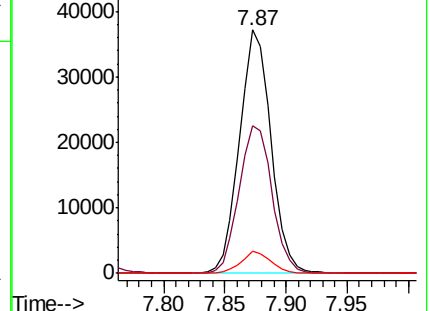
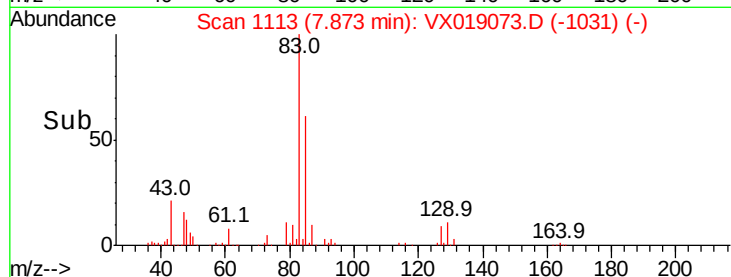
127 8.9 7.1 10.7



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: 93.446 ug/l

RT: 3.78 min Scan# 442

Delta R.T. 0.00 min

Lab File: VX019073.D

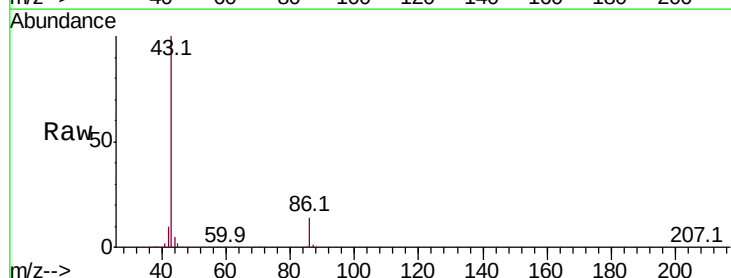
Acq: 23 Oct 2020 12:11

Tgt Ion: 43 Resp: 505757

Ion Ratio Lower Upper

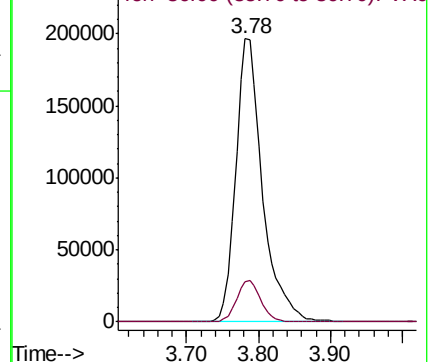
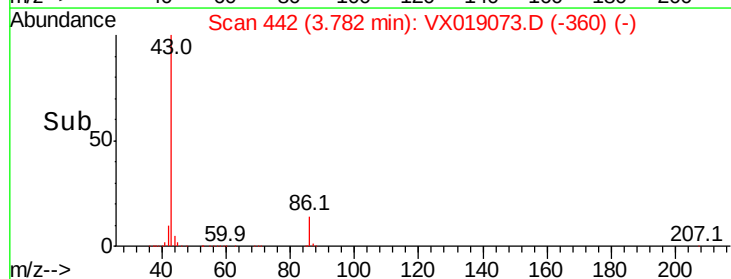
43 100

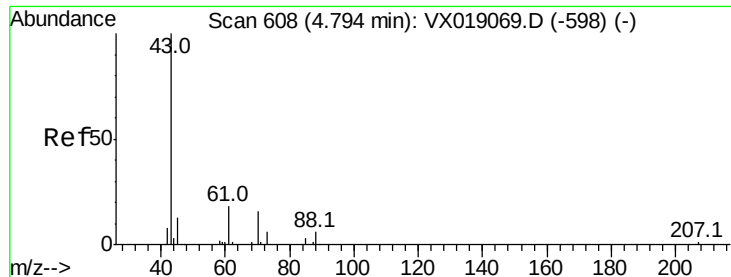
86 13.3 10.6 15.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

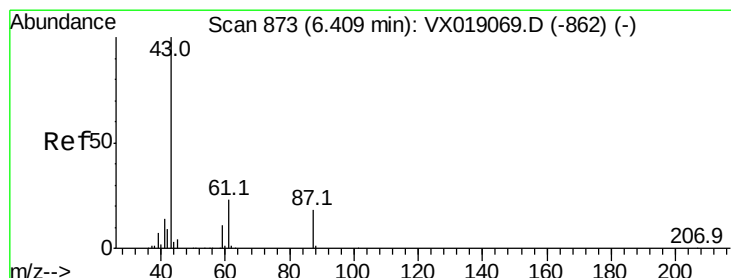
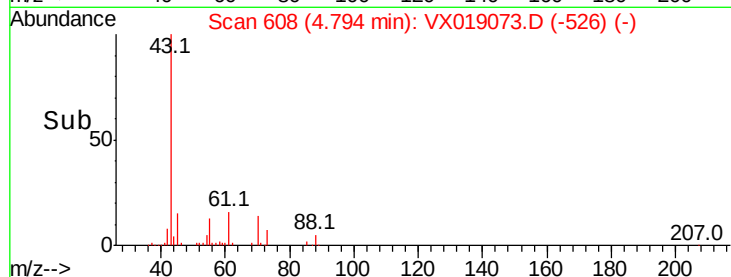
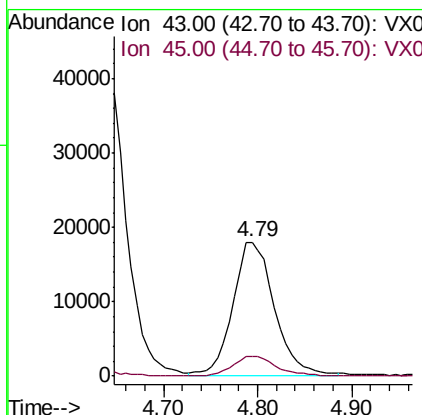
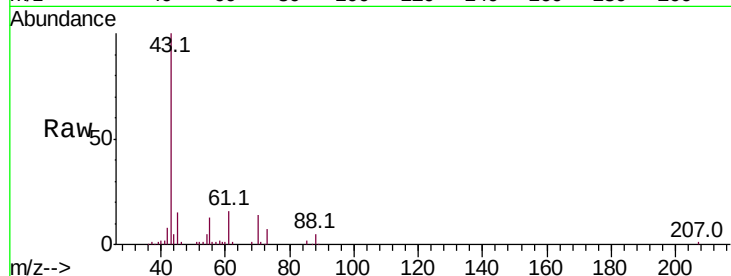




#43
Ethyl Acetate
Concen: 18.754 ug/l
RT: 4.79 min Scan# 608
Delta R.T. 0.00 min
Lab File: VX019073.D
Acq: 23 Oct 2020 12:11

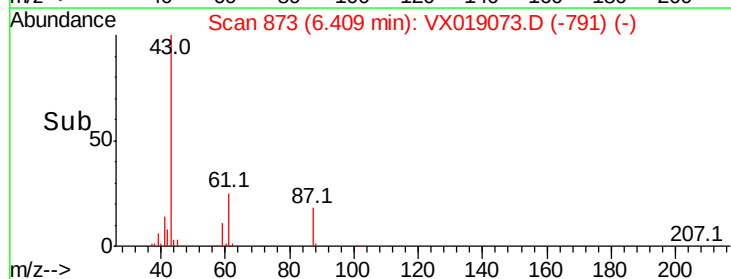
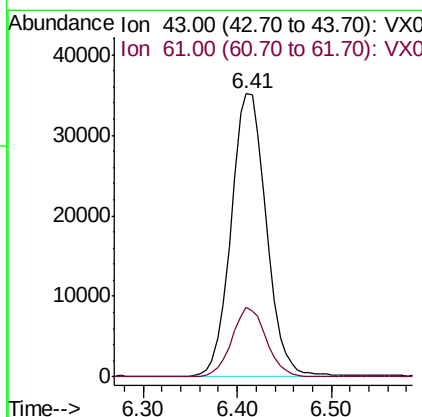
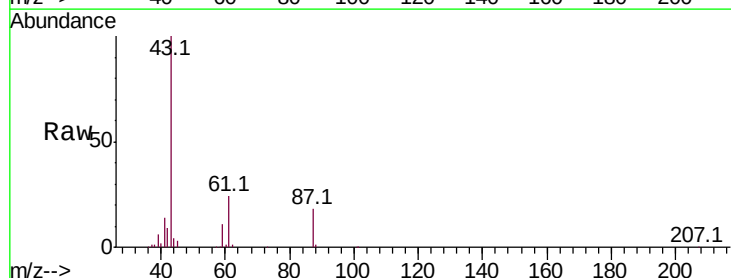
Instrument :
MSVOA_X
ClientSampleId :
ICVVX102320

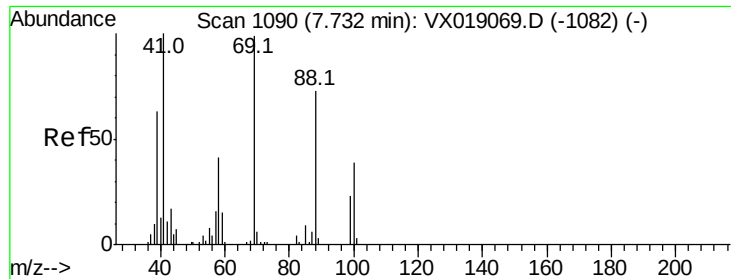
Tot Ion: 43 Resp: 54724
Ion Ratio Lower Upper
43 100
45 15.9 12.7 19.1



#44
Isopropyl Acetate
Concen: 18.663 ug/l
RT: 6.41 min Scan# 873
Delta R.T. 0.00 min
Lab File: VX019073.D
Acq: 23 Oct 2020 12:11

Tgt Ion: 43 Resp: 91192
Ion Ratio Lower Upper
43 100
61 24.1 19.1 28.7





#45

1,4-Dioxane

Concen: 400.951 ug/l

RT: 7.71 min Scan# 1087

Delta R.T. -0.02 min

Lab File: VX019073.D

Acq: 23 Oct 2020 12:11

Instrument :

MSVOA_X

ClientSampleId :

ICVVX102320

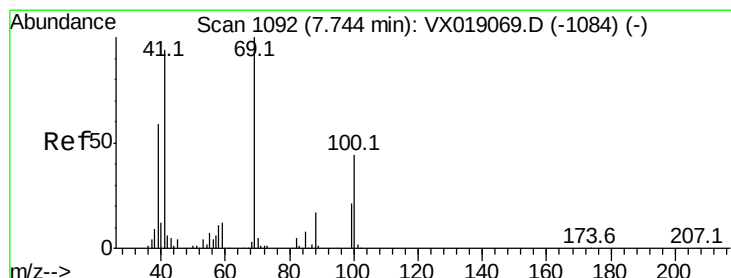
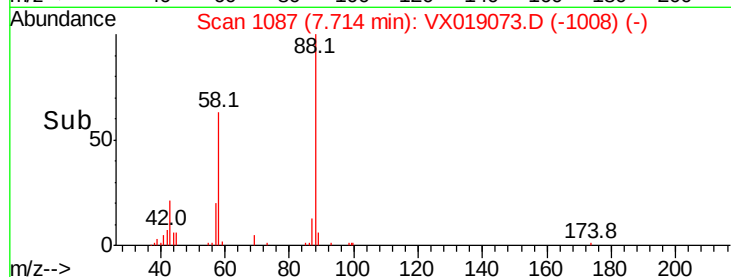
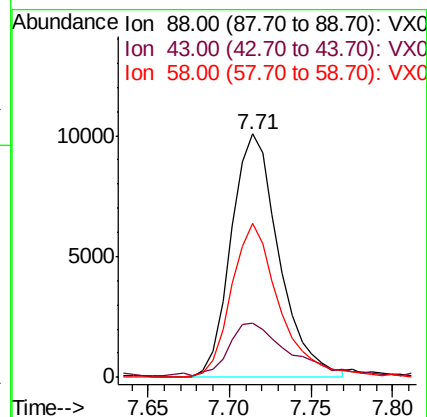
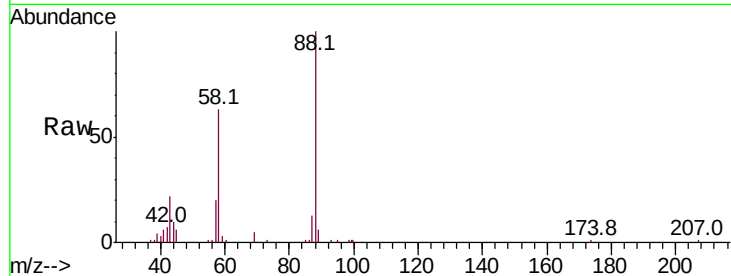
Tot Ion: 88 Resp: 20593

Ion Ratio Lower Upper

88 100

43 27.2 20.5 30.7

58 64.2 47.4 71.2



#46

Methyl methacrylate

Concen: 18.314 ug/l

RT: 7.74 min Scan# 1092

Delta R.T. 0.00 min

Lab File: VX019073.D

Acq: 23 Oct 2020 12:11

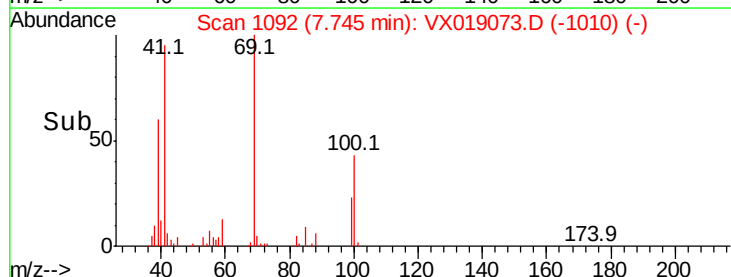
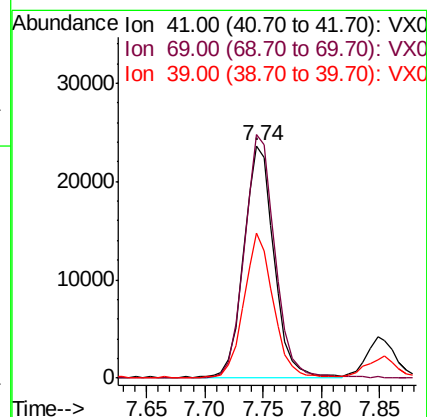
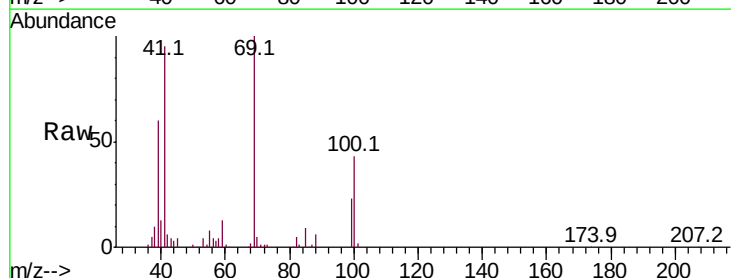
Tgt Ion: 41 Resp: 42356

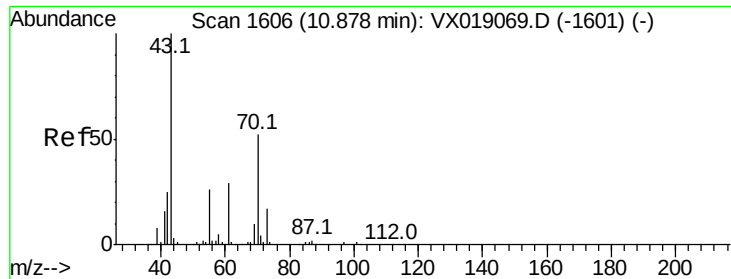
Ion Ratio Lower Upper

41 100

69 105.1 53.1 159.4

39 62.4 31.3 93.9





#47

n-amvl Acetate

Concen: 18.725 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. 0.00 min

Lab File: VX019073.D

Acq: 23 Oct 2020 12:11

Instrument :

MSVOA_X

ClientSampleId :

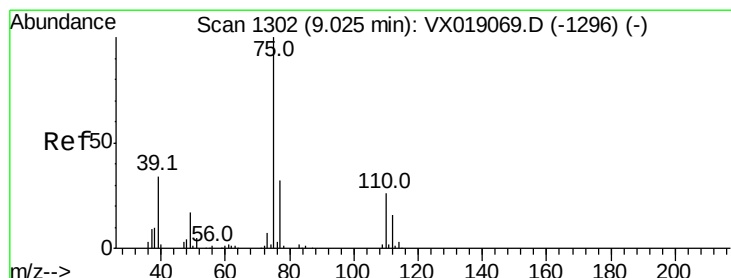
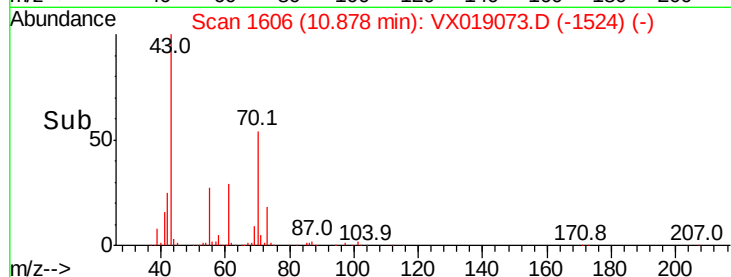
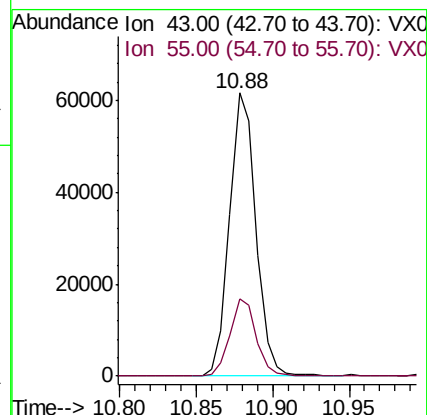
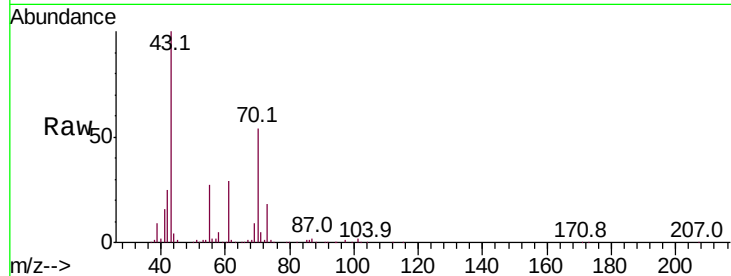
ICVVX102320

Tot Ion: 43 Resp: 73391

Ion Ratio Lower Upper

43 100

55 27.4 21.5 32.3



#48

t-1,3-Dichloropropene

Concen: 17.724 ug/l

RT: 9.02 min Scan# 1302

Delta R.T. 0.00 min

Lab File: VX019073.D

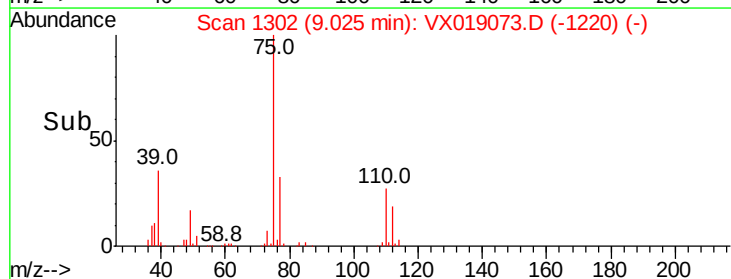
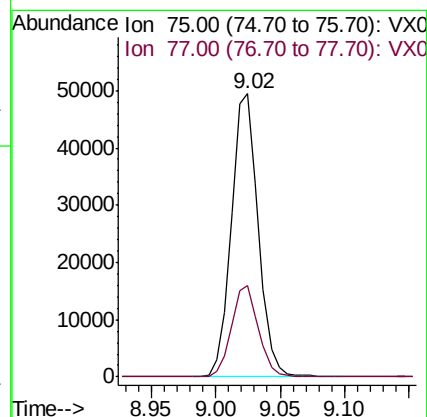
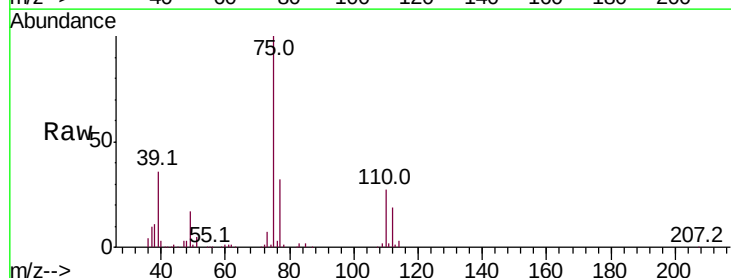
Acq: 23 Oct 2020 12:11

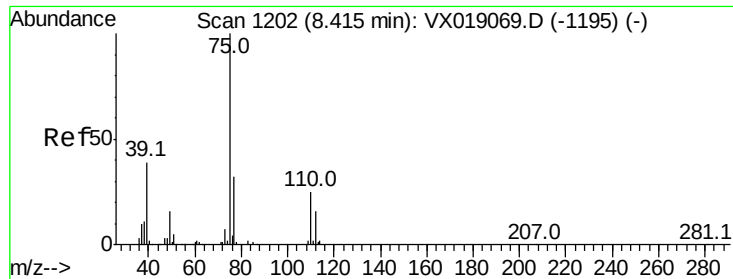
Tgt Ion: 75 Resp: 72605

Ion Ratio Lower Upper

75 100

77 32.5 25.3 37.9



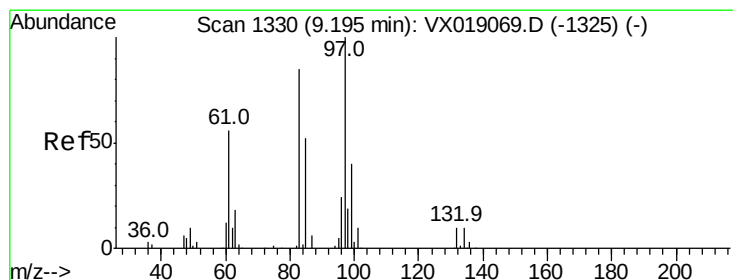
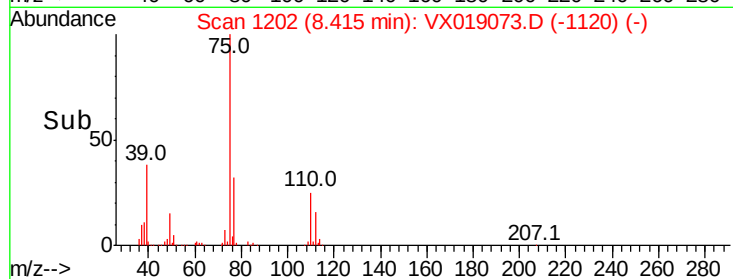
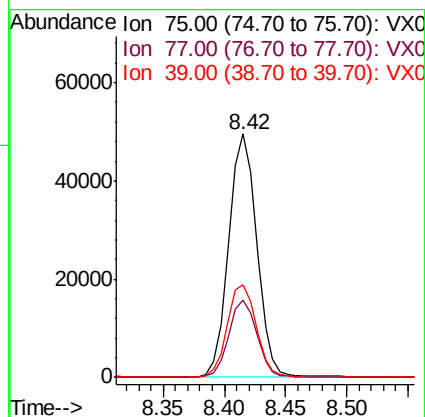
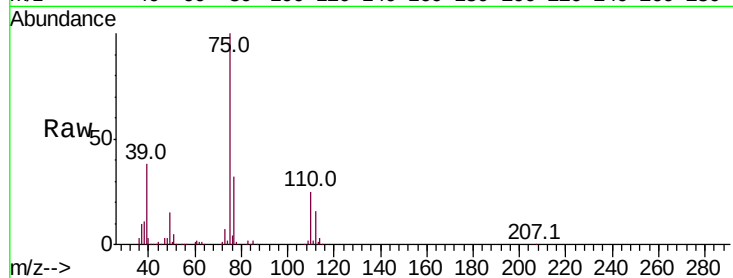


#49

cis-1,3-Dichloropropene
 Concen: 18.008 ug/l
 RT: 8.42 min Scan# 1202
 Delta R.T. 0.00 min
 Lab File: VX019073.D
 Acq: 23 Oct 2020 12:11

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX102320

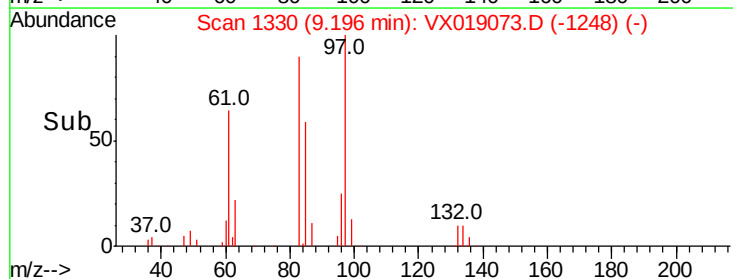
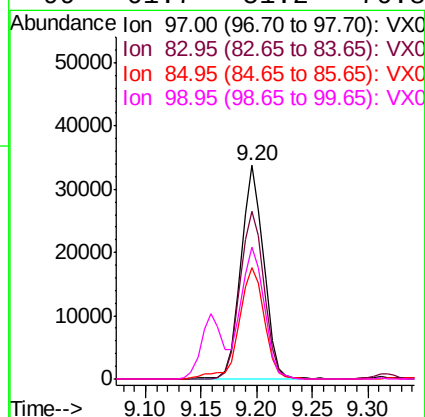
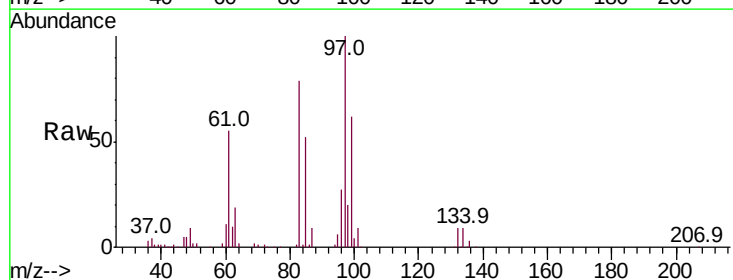
Tot Ion	Ratio	Lower	Upper
75	100		
77	31.9	25.8	38.8
39	38.1	31.0	46.6

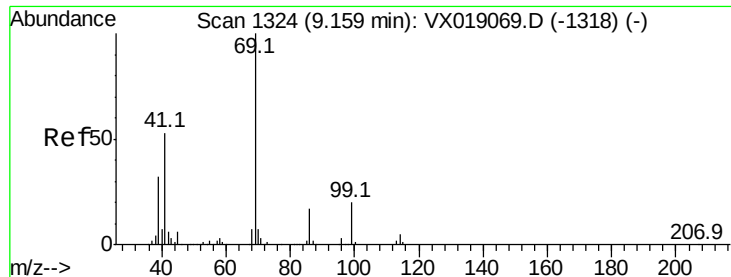


#50

1,1,2-Trichloroethane
 Concen: 17.977 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. 0.00 min
 Lab File: VX019073.D
 Acq: 23 Oct 2020 12:11

Tgt Ion	Ratio	Lower	Upper
97	100		
83	78.8	67.8	101.6
85	52.0	43.5	65.3
99	61.7	51.2	76.8





#51

Ethyl methacrylate

Concen: 18.142 ug/l

RT: 9.16 min Scan# 1324

Delta R.T. 0.00 min

Lab File: VX019073.D

Acq: 23 Oct 2020 12:11

Instrument :

MSVOA_X

ClientSampleId :

ICVVX102320

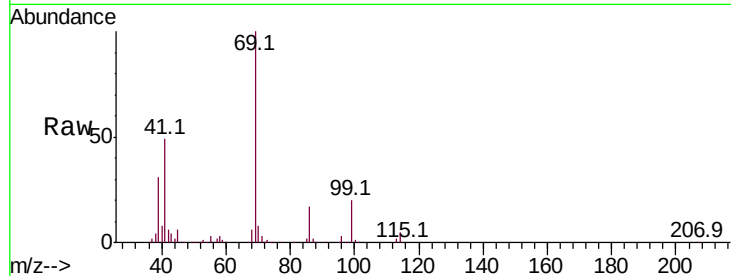
Tot Ion: 69 Resp: 70964

Ion Ratio Lower Upper

69 100

41 49.3 26.5 79.4

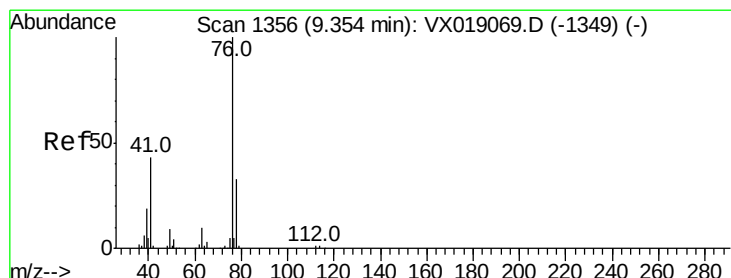
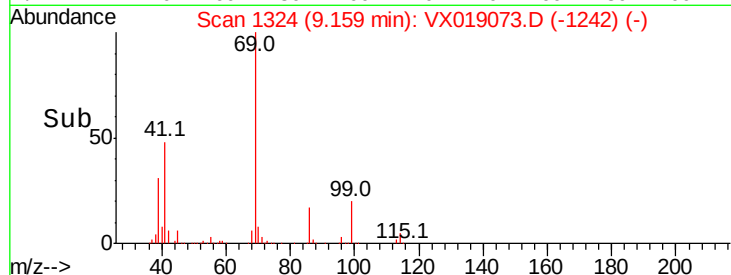
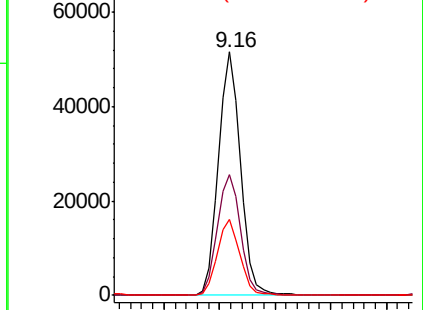
39 31.0 16.2 48.6



Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0



#52

1,3-Dichloropropane

Concen: 18.238 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. 0.00 min

Lab File: VX019073.D

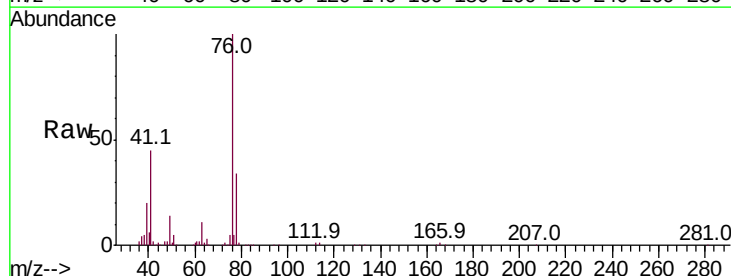
Acq: 23 Oct 2020 12:11

Tgt Ion: 76 Resp: 79648

Ion Ratio Lower Upper

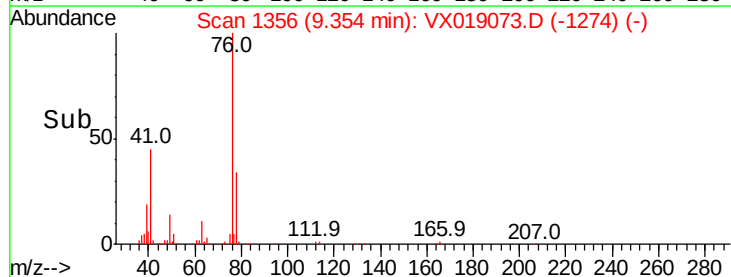
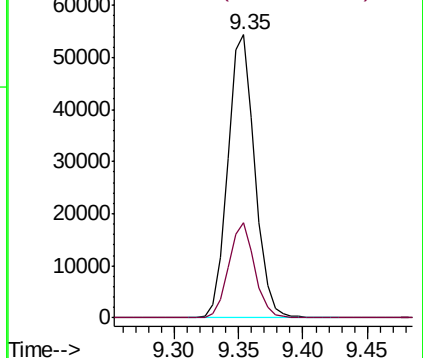
76 100

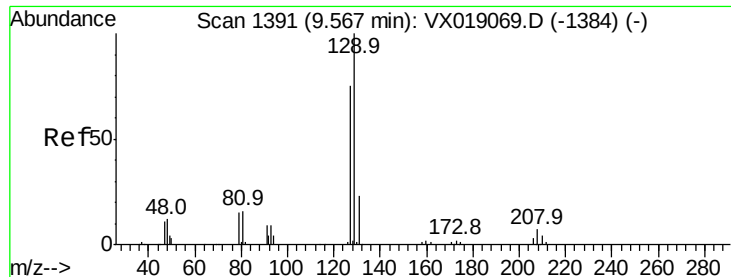
78 32.5 0.0 65.2



Abundance Ion 76.00 (75.70 to 76.70): VX0

Ion 78.00 (77.70 to 78.70): VX0





#53

Dibromochloromethane

Concen: 17.119 ug/l

RT: 9.56 min Scan# 1390

Delta R.T. -0.01 min

Lab File: VX019073.D

Acq: 23 Oct 2020 12:11

Instrument :

MSVOA_X

ClientSampleId :

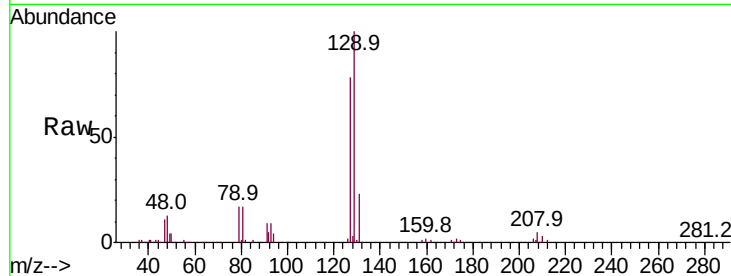
ICVVX102320

Tot Ion:129 Resp: 51087

Ion Ratio Lower Upper

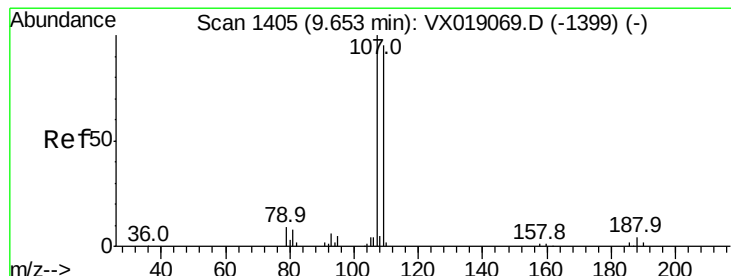
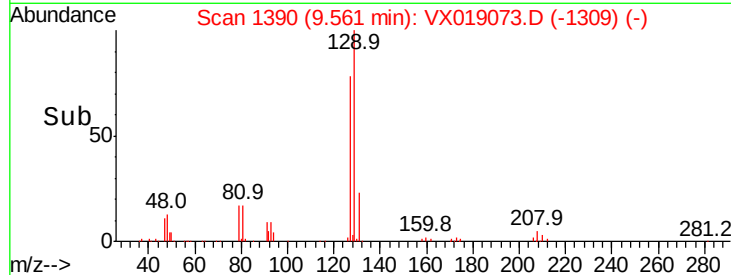
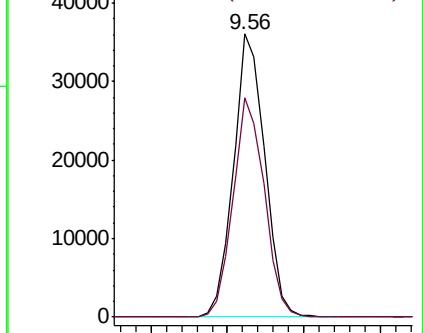
129 100

127 77.6 38.4 115.1



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V



#54

1,2-Dibromoethane

Concen: 17.660 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. 0.00 min

Lab File: VX019073.D

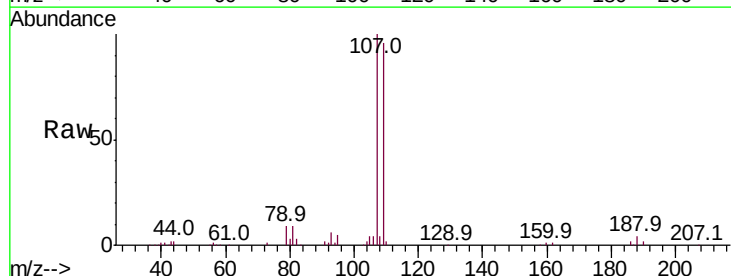
Acq: 23 Oct 2020 12:11

Tgt Ion:107 Resp: 51442

Ion Ratio Lower Upper

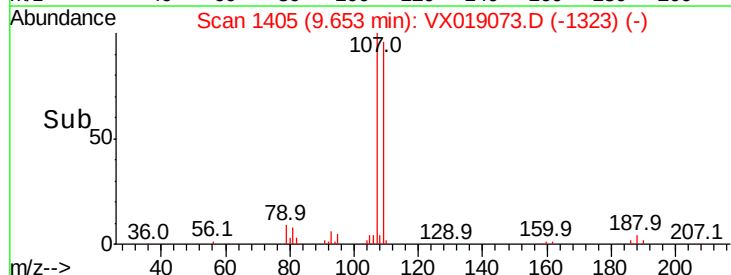
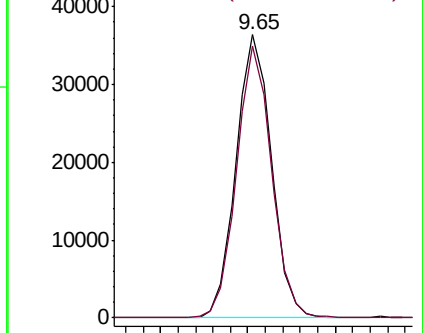
107 100

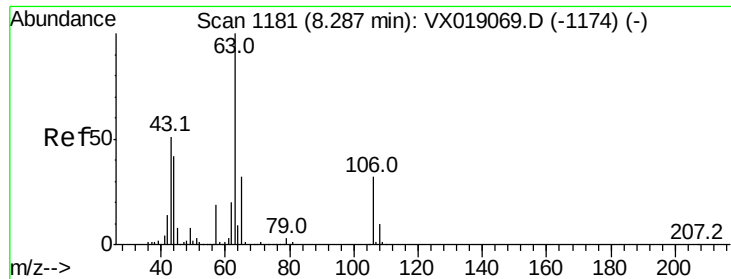
109 94.9 74.6 112.0



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: 92.560 ug/l

RT: 8.29 min Scan# 1182

Delta R.T. 0.01 min

Lab File: VX019073.D

Acq: 23 Oct 2020 12:11

Instrument :

MSVOA_X

ClientSampleId :

ICVVX102320

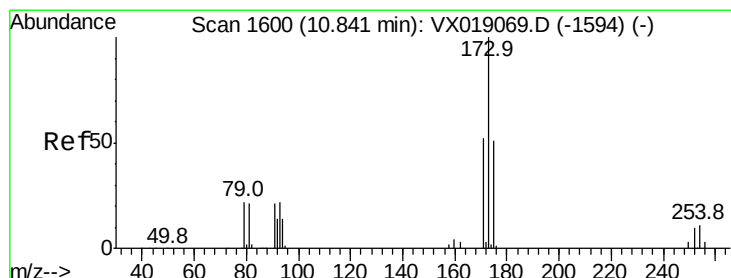
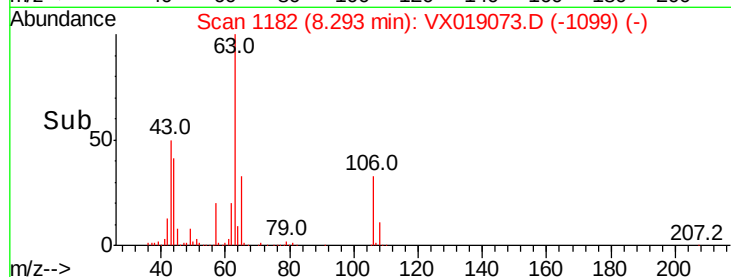
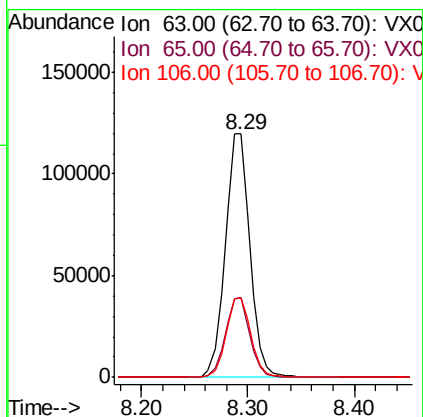
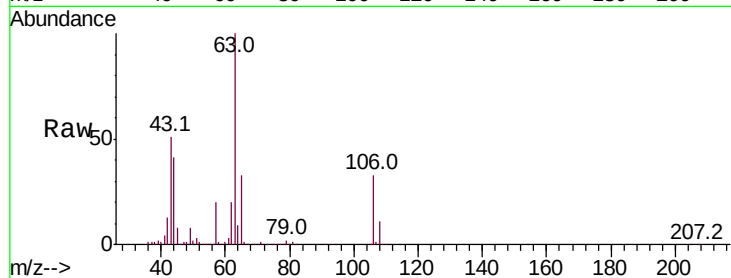
Tot Ion: 63 Resp: 193485

Ion Ratio Lower Upper

63 100

65 32.5 26.0 39.0

106 32.6 25.9 38.9



#56

Bromoform

Concen: 17.009 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. 0.00 min

Lab File: VX019073.D

Acq: 23 Oct 2020 12:11

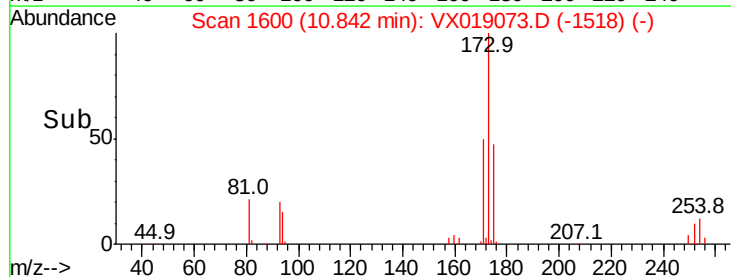
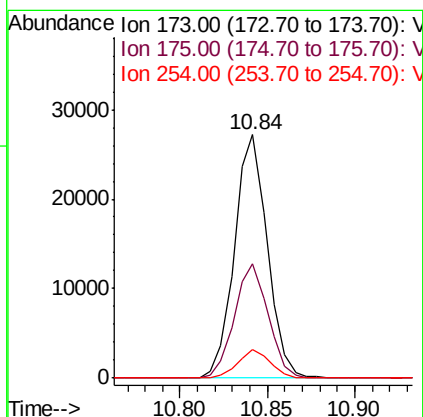
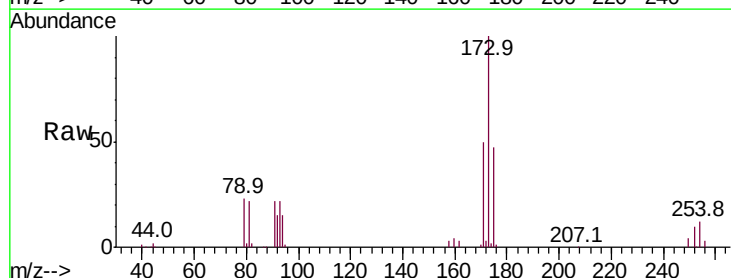
Tgt Ion:173 Resp: 35486

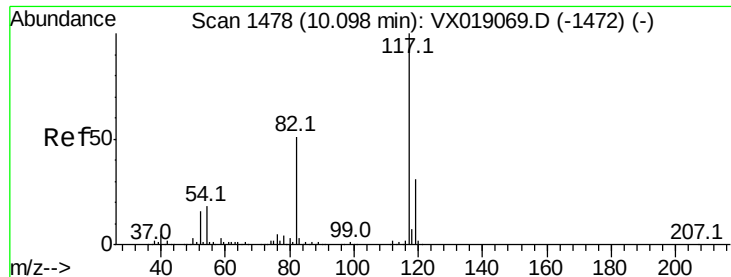
Ion Ratio Lower Upper

173 100

175 48.0 39.6 59.4

254 11.4 8.6 13.0

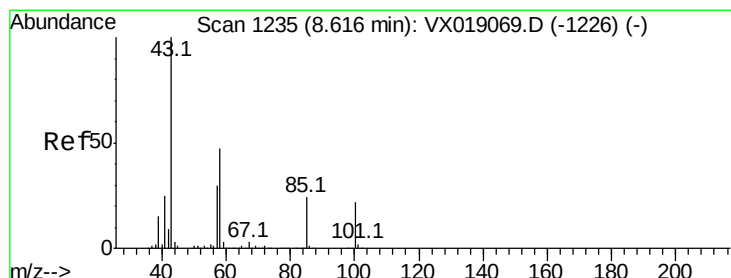
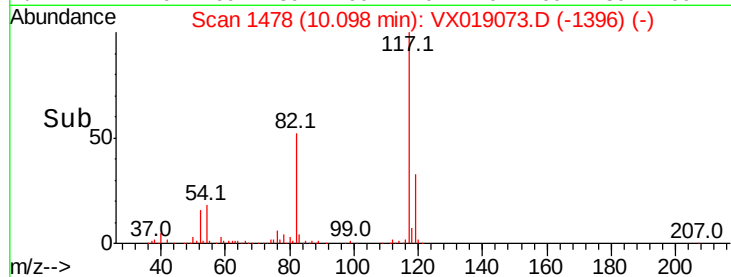
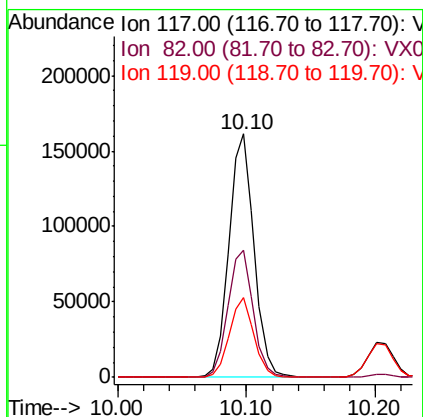
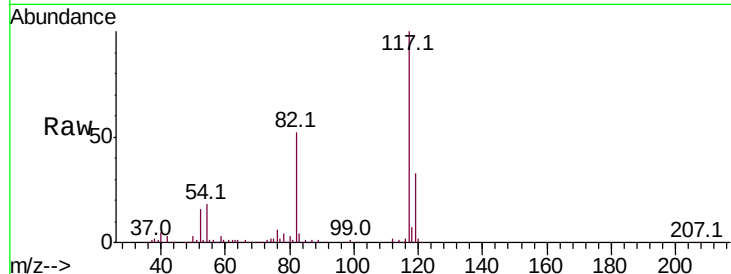




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. 0.00 min
Lab File: VX019073.D
Acq: 23 Oct 2020 12:11

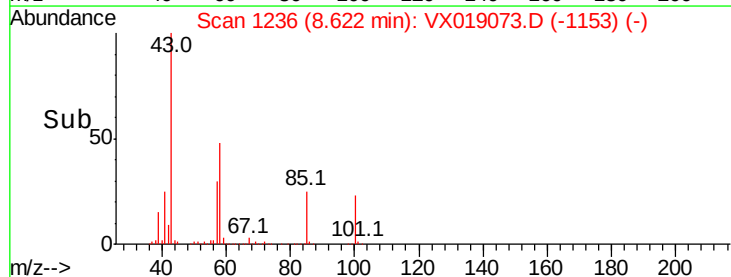
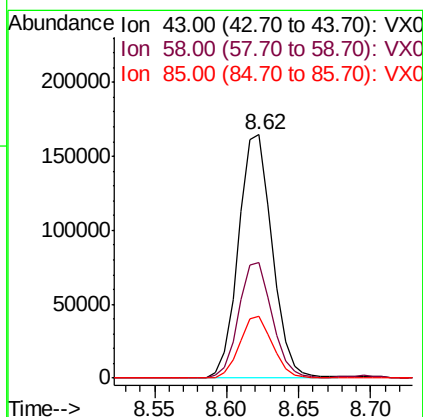
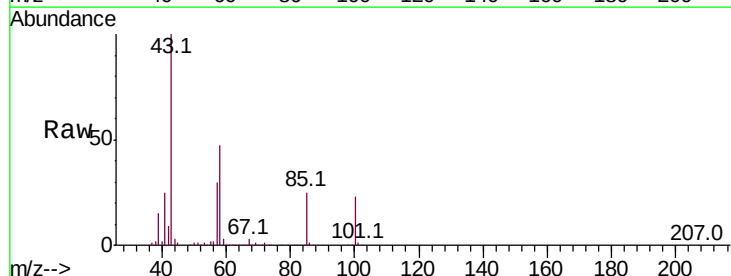
Instrument :
MSVOA_X
ClientSampleId :
ICVVX102320

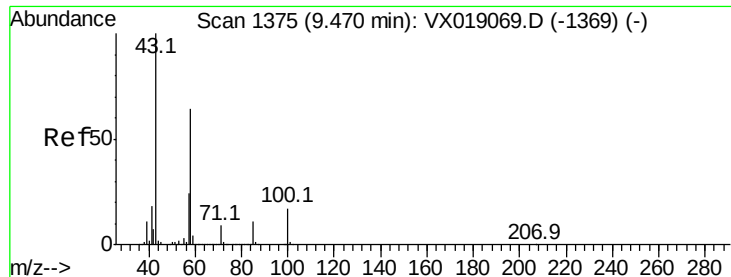
Tot Ion:117 Resp: 219909
Ion Ratio Lower Upper
117 100
82 52.7 42.5 63.7
119 31.9 25.6 38.4



#58
4-Methyl-2-Pentanone
Concen: 96.479 ug/l
RT: 8.62 min Scan# 1236
Delta R.T. 0.01 min
Lab File: VX019073.D
Acq: 23 Oct 2020 12:11

Tgt Ion: 43 Resp: 267559
Ion Ratio Lower Upper
43 100
58 47.3 37.6 56.4
85 24.7 19.4 29.2

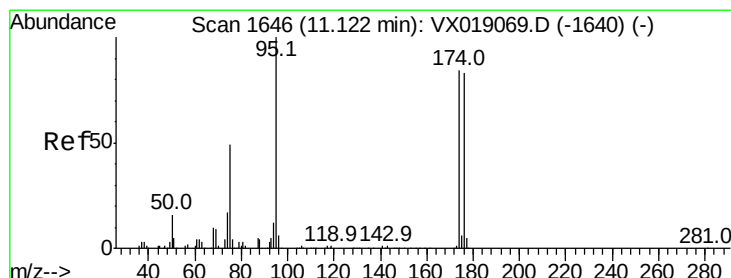
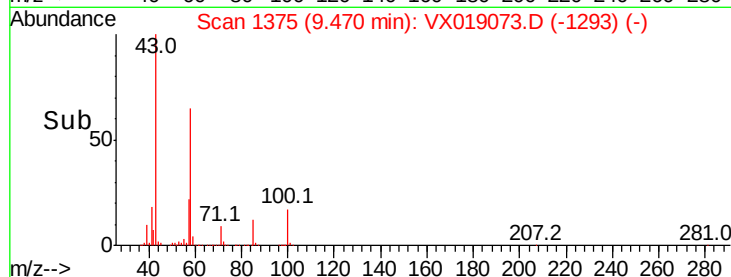
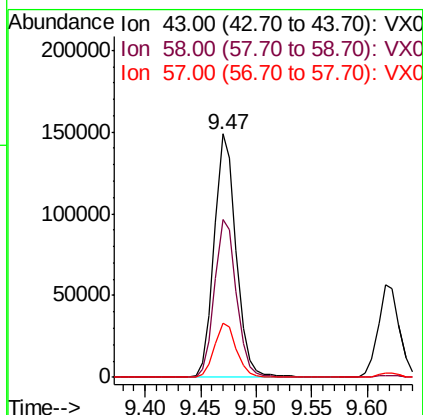
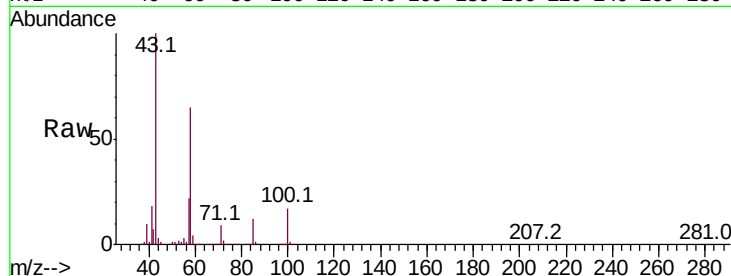




#59
2-Hexanone
Concen: 97.860 ug/l
RT: 9.47 min Scan# 1375
Delta R.T. 0.00 min
Lab File: VX019073.D
Acq: 23 Oct 2020 12:11

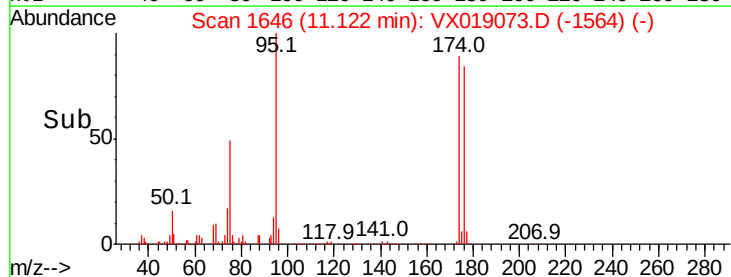
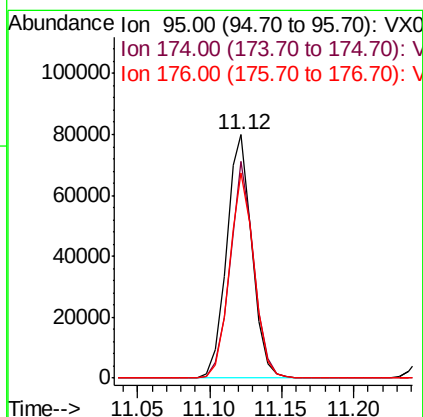
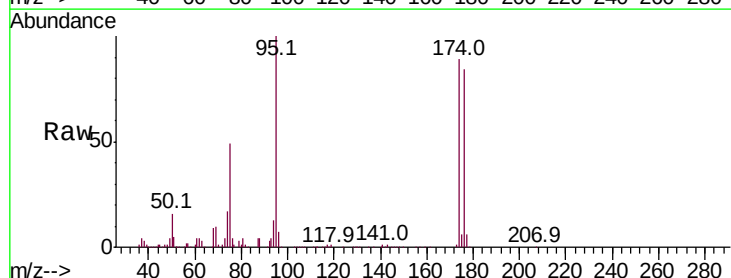
Instrument :
MSVOA_X
ClientSampleId :
ICVVX102320

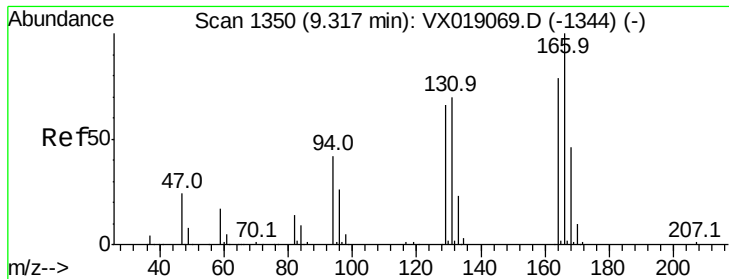
Tot Ion: 43 Resp: 202233
Ion Ratio Lower Upper
43 100
58 65.1 51.9 77.9
57 22.6 18.2 27.4



#60
4-Bromofluorobenzene
Concen: 29.968 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. 0.00 min
Lab File: VX019073.D
Acq: 23 Oct 2020 12:11

Tgt Ion: 95 Resp: 98915
Ion Ratio Lower Upper
95 100
174 83.4 66.3 99.5
176 81.9 65.5 98.3





#61

Tetrachloroethene

Concen: 18.076 ug/l

RT: 9.32 min Scan# 1350

Delta R.T. 0.00 min

Lab File: VX019073.D

Acq: 23 Oct 2020 12:11

Instrument :

MSVOA_X

ClientSampleId :

ICVVX102320

Tot Ion:164 Resp: 47157

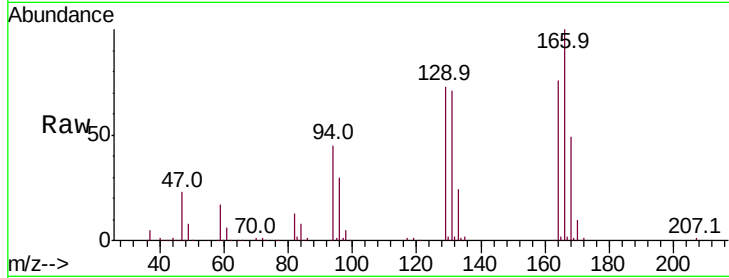
Ion Ratio Lower Upper

164 100

166 132.2 101.9 152.9

129 96.2 67.0 100.6

131 94.4 71.1 106.7

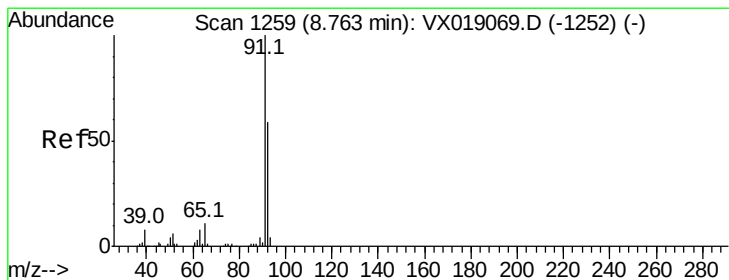
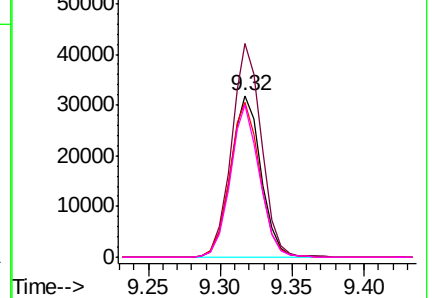
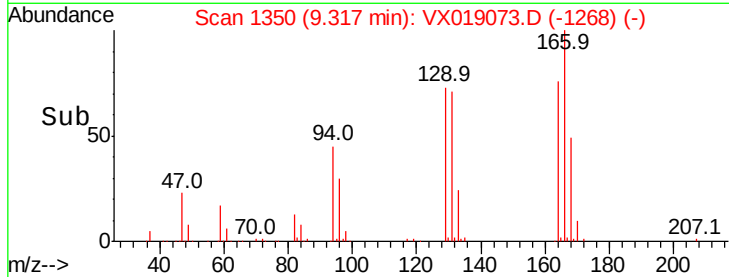


Abundance Ion 163.85 (163.55 to 164.55): V

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: 18.454 ug/l

RT: 8.76 min Scan# 1259

Delta R.T. 0.00 min

Lab File: VX019073.D

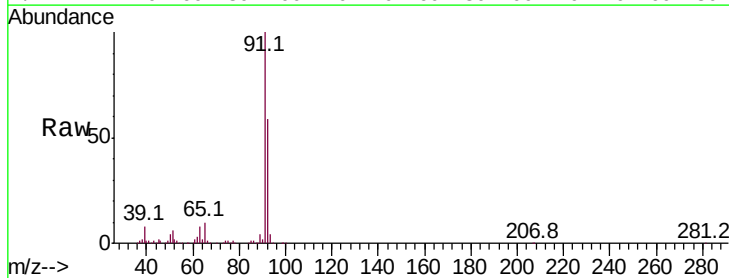
Acq: 23 Oct 2020 12:11

Tgt Ion: 91 Resp: 213282

Ion Ratio Lower Upper

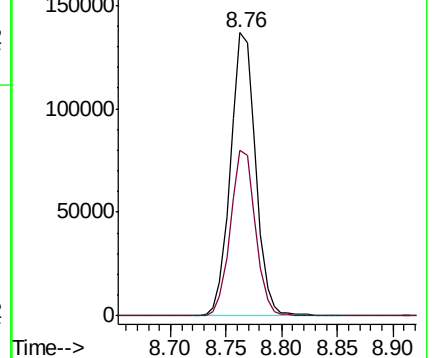
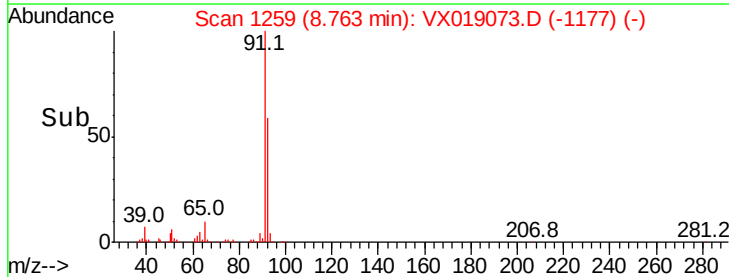
91 100

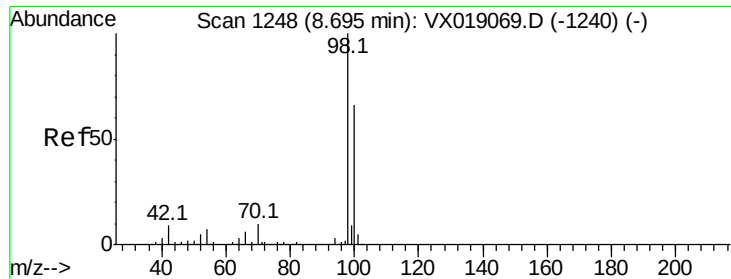
92 58.4 47.3 70.9



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 92.00 (91.70 to 92.70): VX0

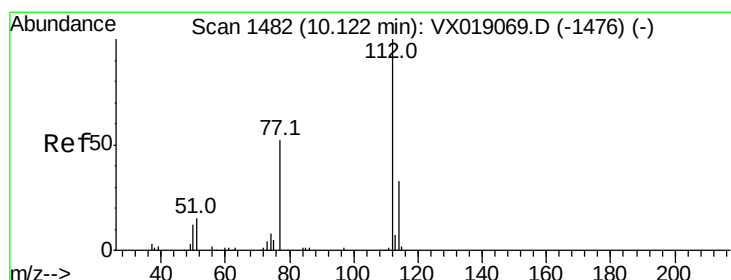
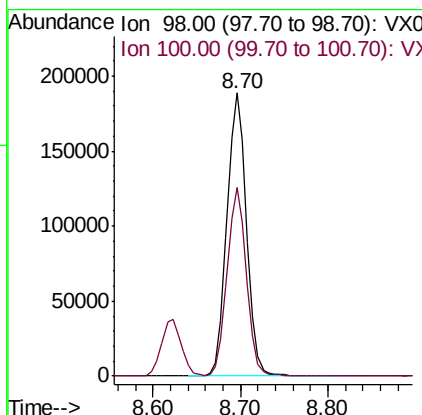
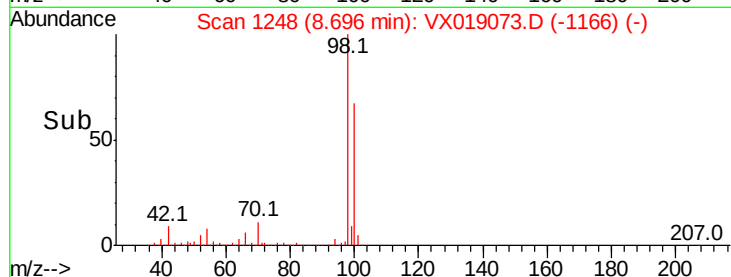
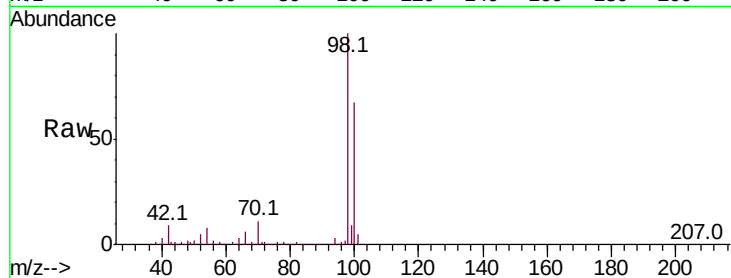




#63
Toluene-d8
Concen: 30.107 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. 0.00 min
Lab File: VX019073.D
Acq: 23 Oct 2020 12:11

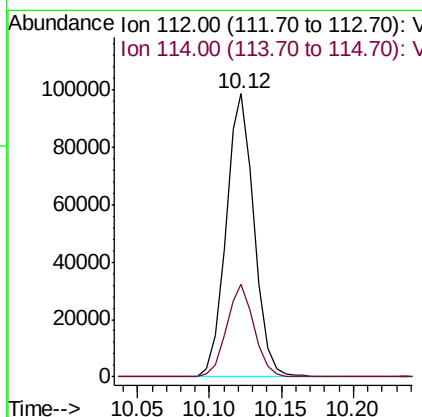
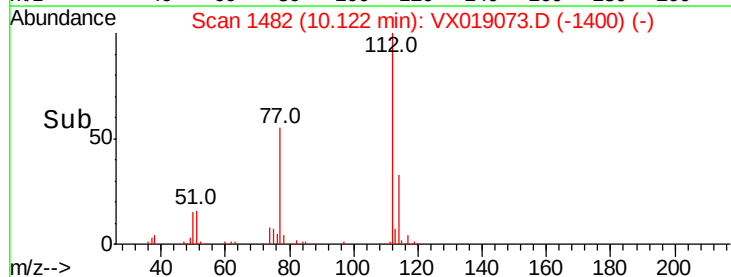
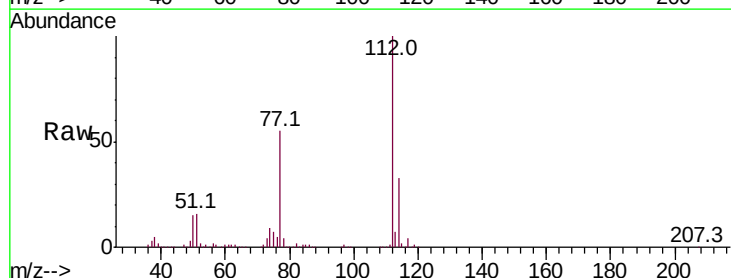
Instrument :
MSVOA_X
ClientSampleId :
ICVVX102320

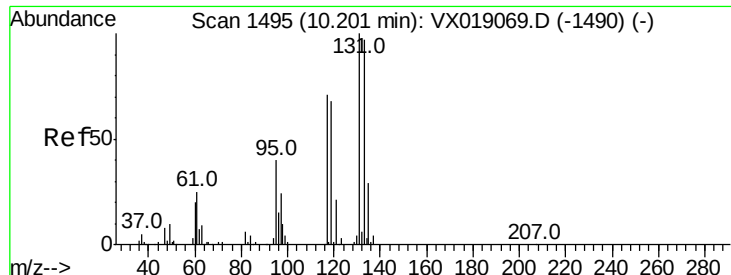
Tot Ion: 98 Resp: 292316
Ion Ratio Lower Upper
98 100
100 65.8 52.2 78.4



#64
Chlorobenzene
Concen: 18.716 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. 0.00 min
Lab File: VX019073.D
Acq: 23 Oct 2020 12:11

Tgt Ion: 112 Resp: 134463
Ion Ratio Lower Upper
112 100
114 32.7 26.2 39.2





#65

1,1,1,2-Tetrachloroethane

Concen: 18.357 ug/l

RT: 10.21 min Scan# 1496

Delta R.T. 0.01 min

Lab File: VX019073.D

Acq: 23 Oct 2020 12:11

Instrument :

MSVOA_X

ClientSampleId :

ICVVX102320

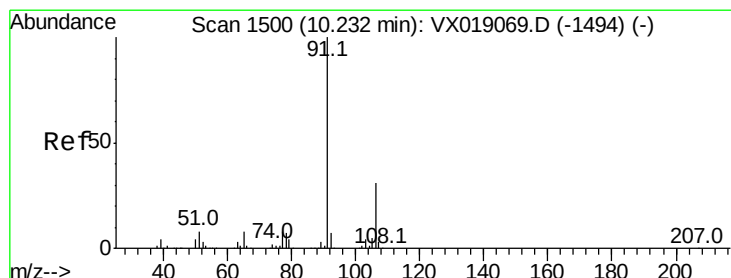
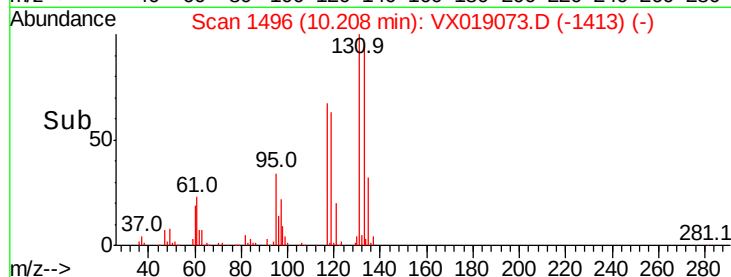
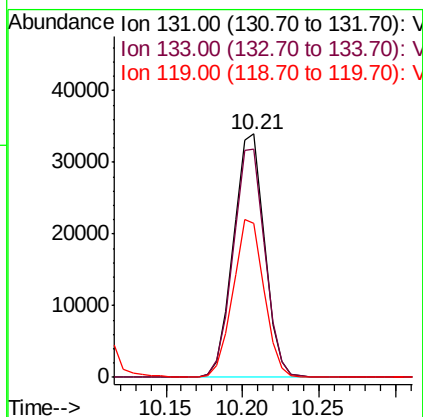
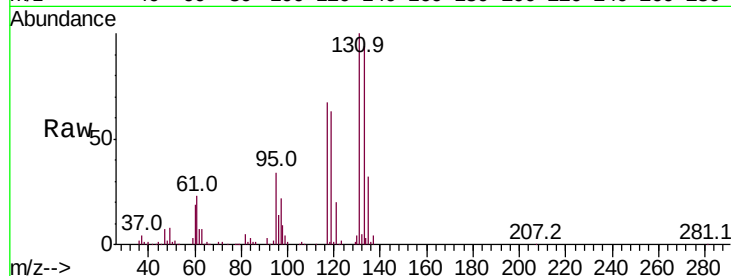
Tot Ion:131 Resp: 47965

Ion Ratio Lower Upper

131 100

133 95.6 0.0 191.6

119 65.1 0.0 130.0



#66

Ethyl Benzene

Concen: 18.638 ug/l

RT: 10.23 min Scan# 1500

Delta R.T. 0.00 min

Lab File: VX019073.D

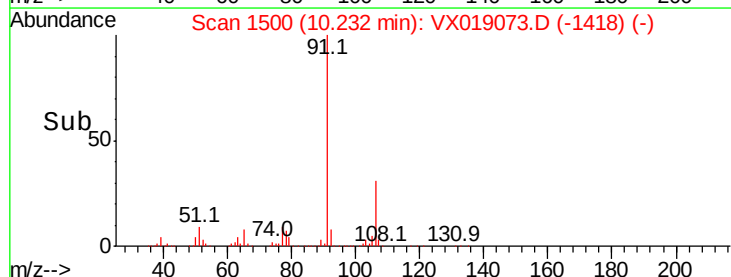
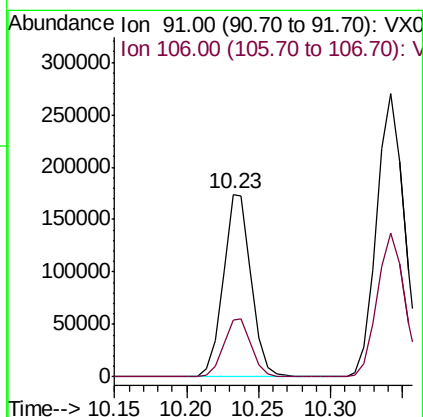
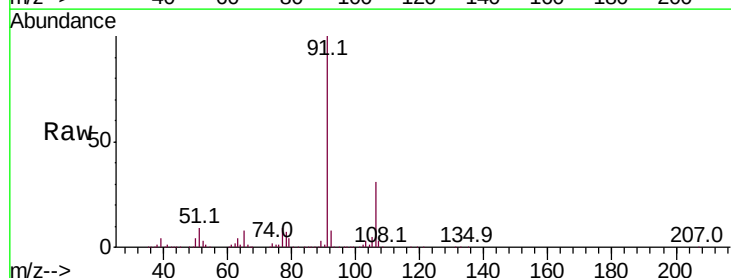
Acq: 23 Oct 2020 12:11

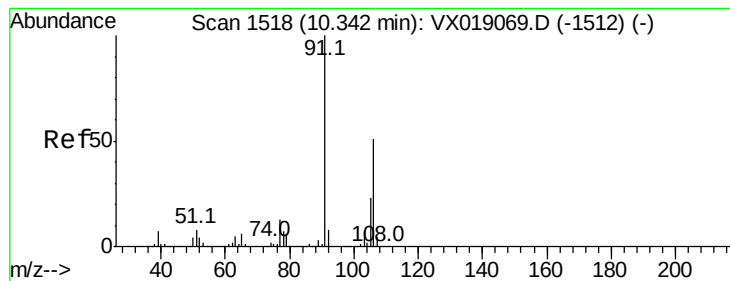
Tgt Ion: 91 Resp: 236165

Ion Ratio Lower Upper

91 100

106 31.3 24.7 37.1





#67

m/p-Xylenes

Concen: 37.175 ug/l

RT: 10.34 min Scan# 1518

Delta R.T. 0.00 min

Lab File: VX019073.D

Acq: 23 Oct 2020 12:11

Instrument :

MSVOA_X

ClientSampleId :

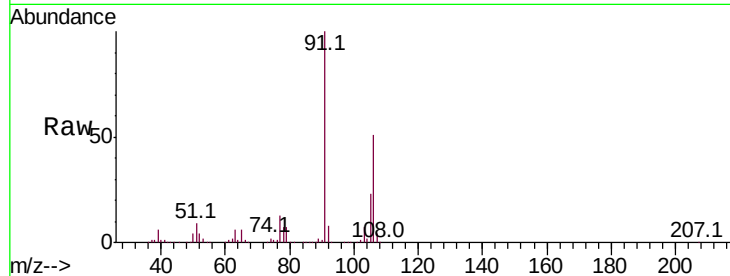
ICVVX102320

Tot Ion:106 Resp: 179643

Ion Ratio Lower Upper

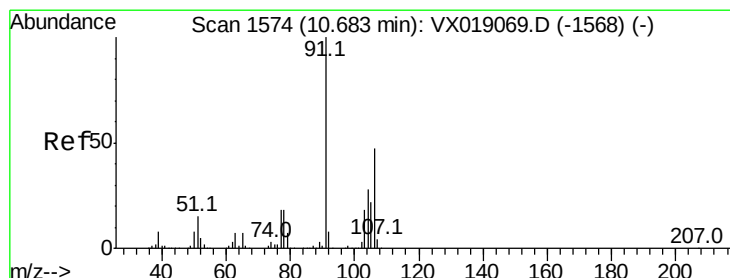
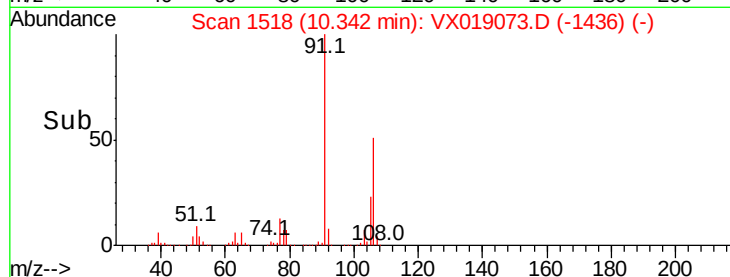
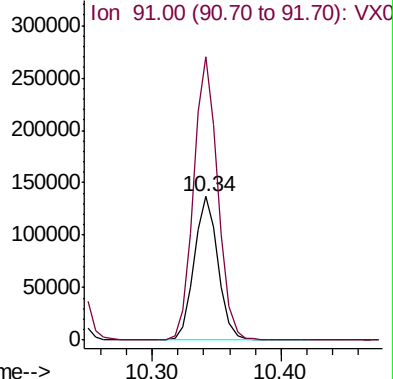
106 100

91 198.1 157.5 236.3



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0



#68

o-Xylene

Concen: 18.637 ug/l

RT: 10.68 min Scan# 1574

Delta R.T. 0.00 min

Lab File: VX019073.D

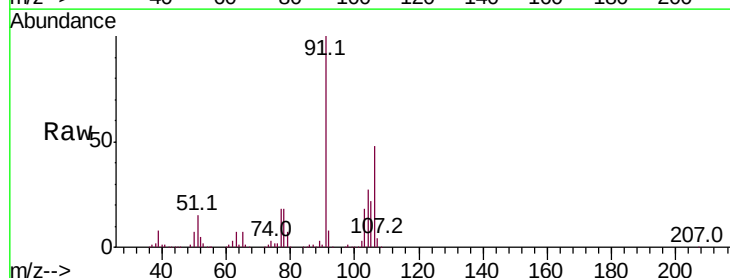
Acq: 23 Oct 2020 12:11

Tgt Ion:106 Resp: 85896

Ion Ratio Lower Upper

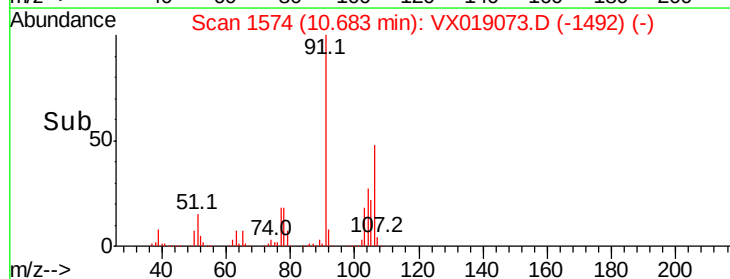
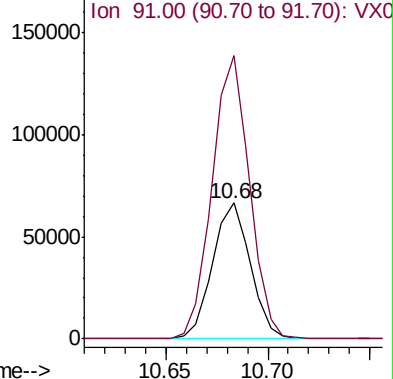
106 100

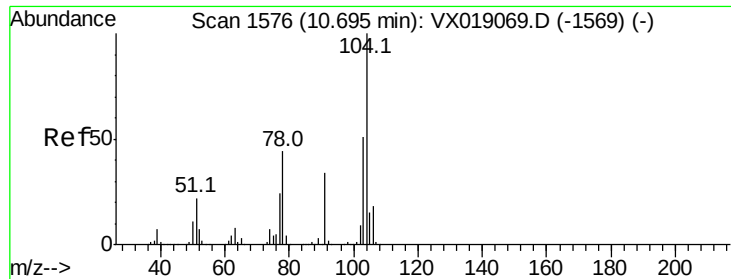
91 205.7 103.8 311.4



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0

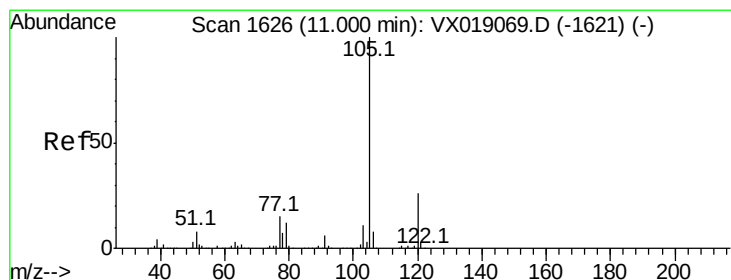
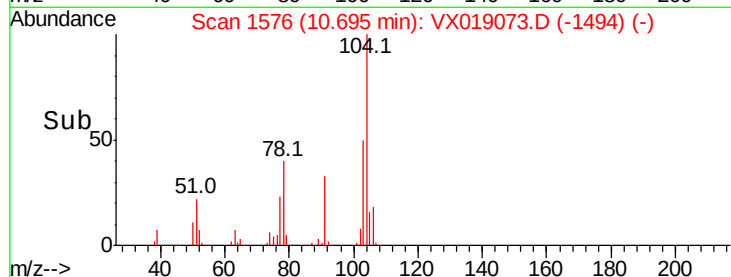
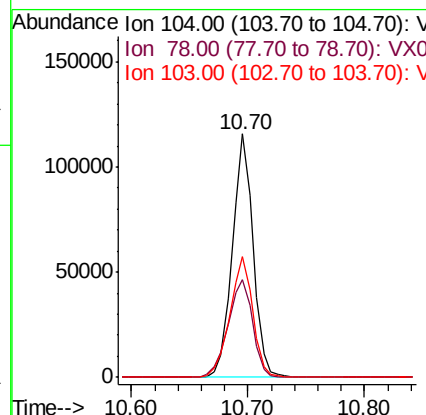
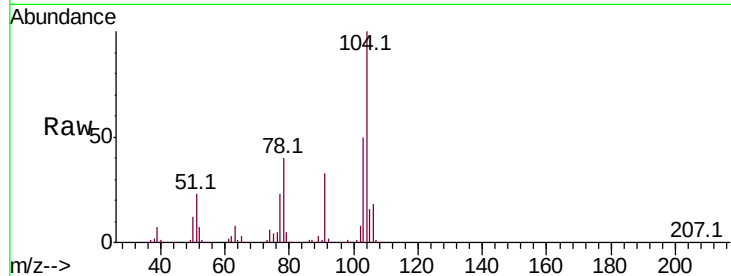




#69
Stvrene
Concen: 18.471 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. 0.00 min
Lab File: VX019073.D
Acq: 23 Oct 2020 12:11

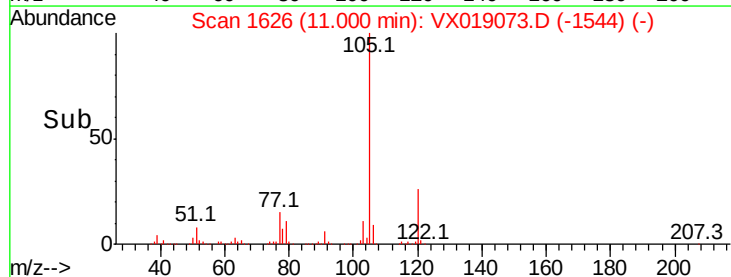
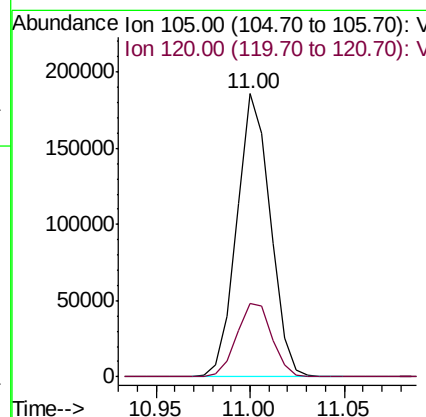
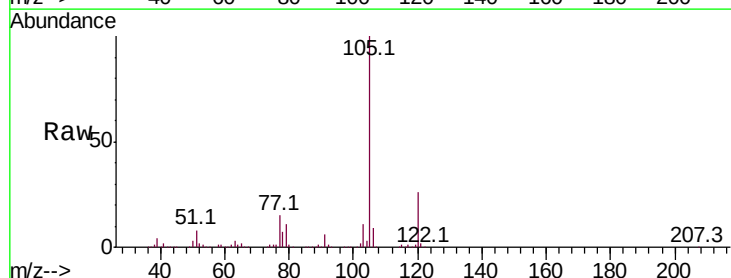
Instrument :
MSVOA_X
ClientSampleId :
ICVVX102320

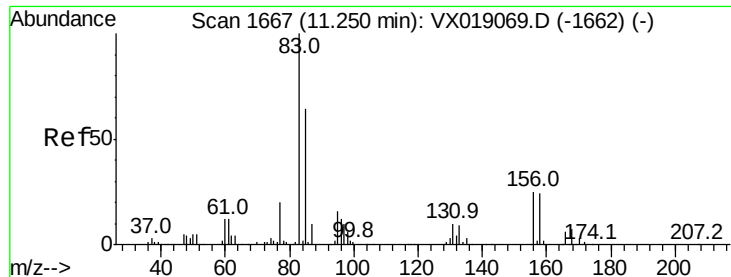
Tot Ion:104 Resp: 143436
Ion Ratio Lower Upper
104 100
78 47.5 38.6 58.0
103 54.2 43.4 65.2



#70
Isopropylbenzene
Concen: 18.575 ug/l
RT: 11.00 min Scan# 1626
Delta R.T. 0.00 min
Lab File: VX019073.D
Acq: 23 Oct 2020 12:11

Tgt Ion:105 Resp: 230183
Ion Ratio Lower Upper
105 100
120 27.3 19.0 35.4





#71

1,1,2,2-Tetrachloroethane

Concen: 19.583 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. 0.00 min

Lab File: VX019073.D

Acq: 23 Oct 2020 12:11

Instrument :

MSVOA_X

ClientSampleId :

ICVVX102320

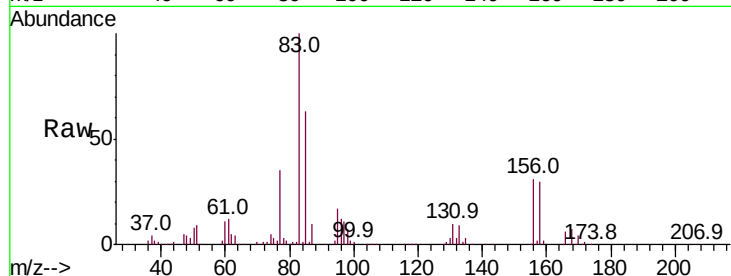
Tot Ion: 83 Resp: 70061

Ion Ratio Lower Upper

83 100

131 10.5 5.2 15.6

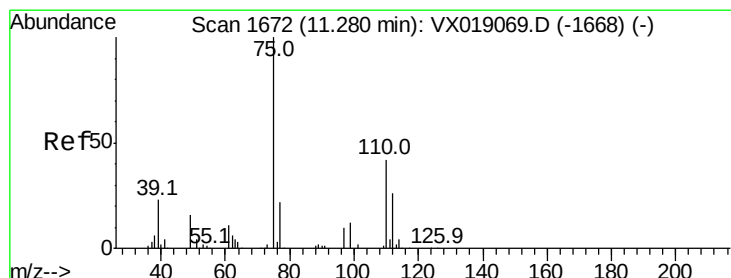
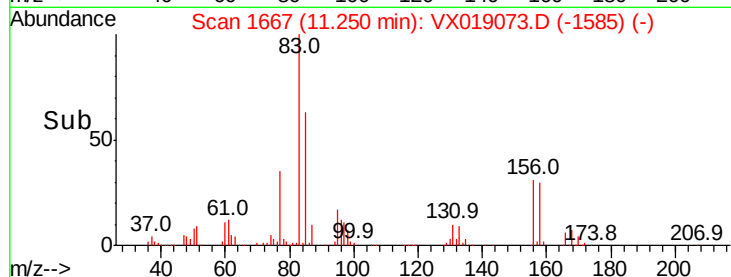
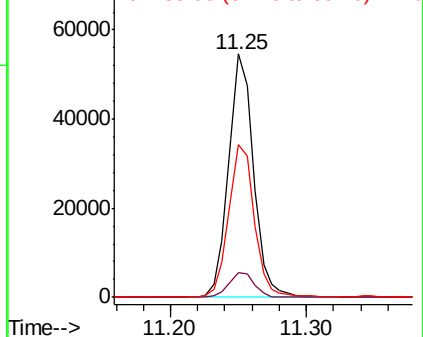
85 64.6 32.5 97.4



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: 25.298 ug/l

RT: 11.28 min Scan# 1672

Delta R.T. 0.00 min

Lab File: VX019073.D

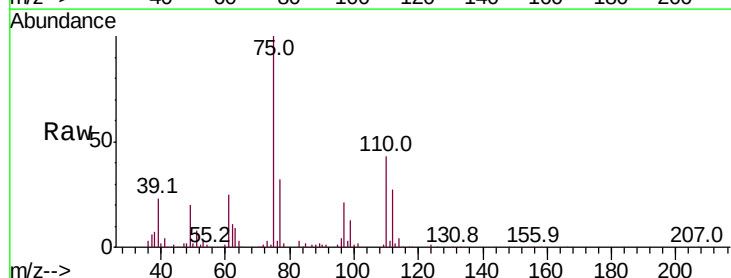
Acq: 23 Oct 2020 12:11

Tgt Ion: 75 Resp: 81390

Ion Ratio Lower Upper

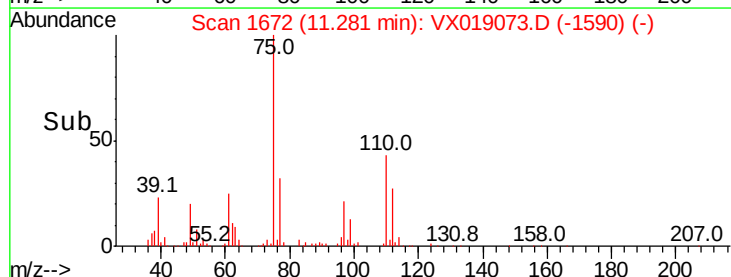
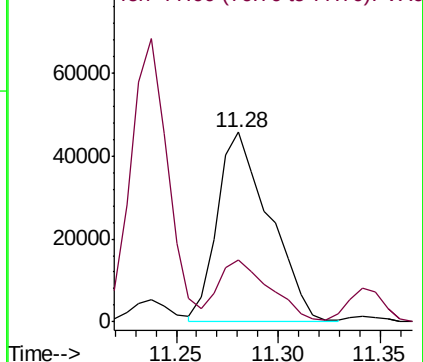
75 100

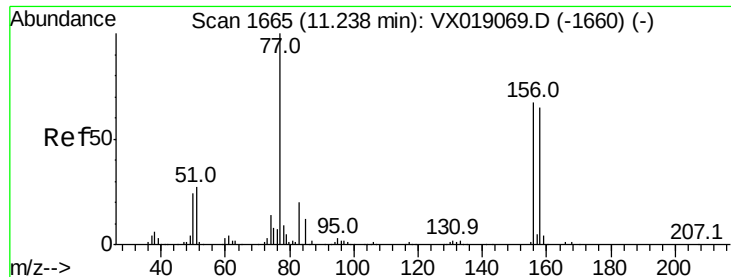
77 32.1 0.0 81.8



Abundance Ion 75.00 (74.70 to 75.70): VX0

Ion 77.00 (76.70 to 77.70): VX0





#73

Bromobenzene

Concen: 19.159 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. 0.00 min

Lab File: VX019073.D

Acq: 23 Oct 2020 12:11

Instrument :

MSVOA_X

ClientSampleId :

ICVVX102320

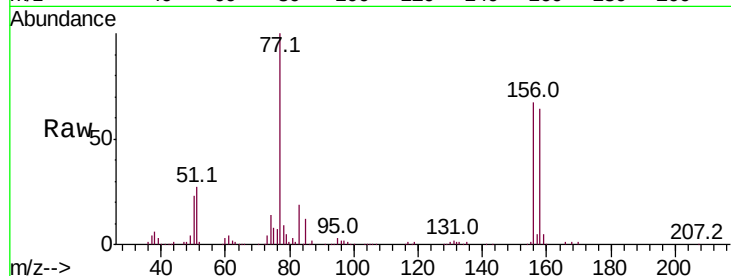
Tot Ion:156 Resp: 58026

Ion Ratio Lower Upper

156 100

77 149.3 0.0 299.6

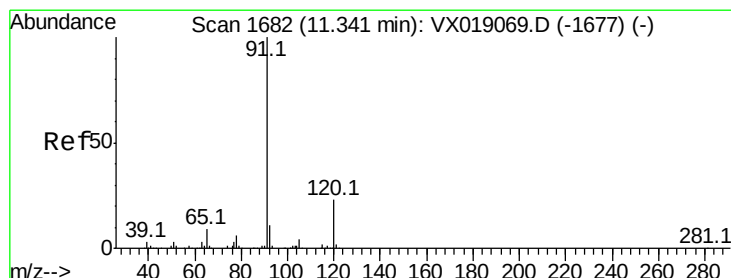
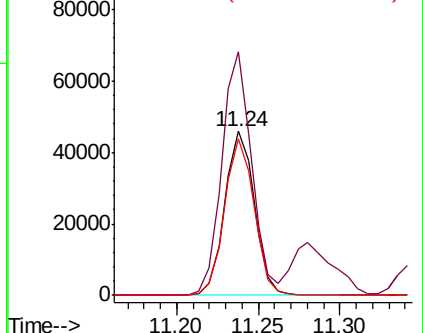
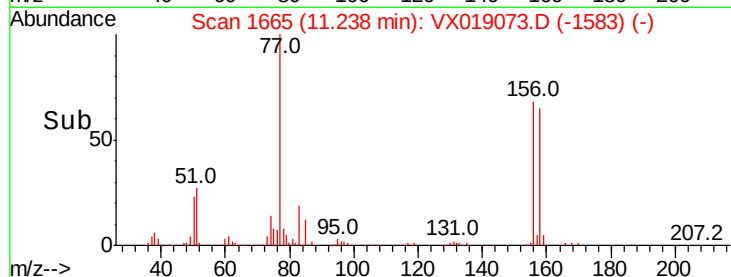
158 95.4 0.0 192.2



Abundance Ion 156.00 (155.70 to 156.70): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 158.00 (157.70 to 158.70): V



#74

n-propylbenzene

Concen: 18.785 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. 0.00 min

Lab File: VX019073.D

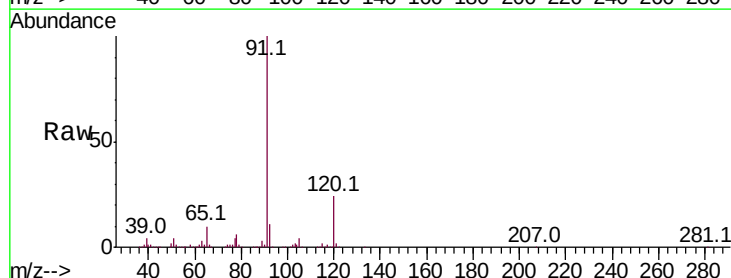
Acq: 23 Oct 2020 12:11

Tgt Ion: 91 Resp: 263583

Ion Ratio Lower Upper

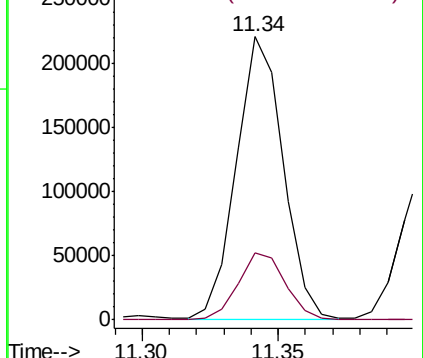
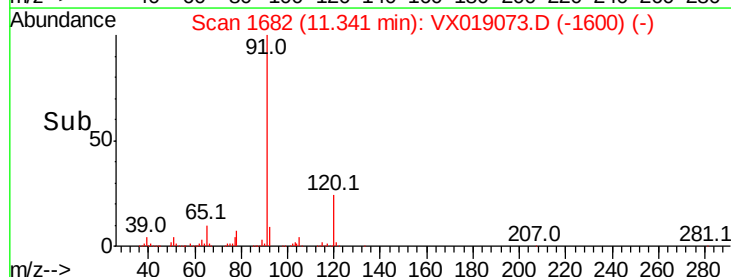
91 100

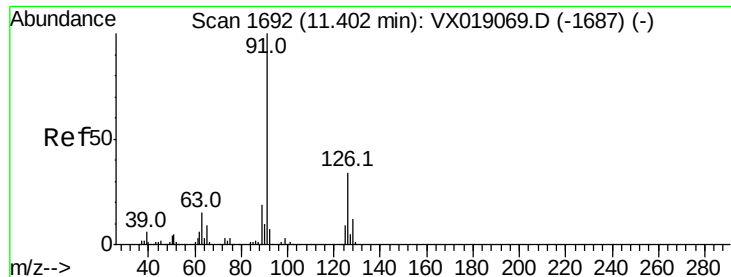
120 23.9 0.0 46.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#75

2-Chlorotoluene

Concen: 19.181 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. 0.00 min

Lab File: VX019073.D

Acq: 23 Oct 2020 12:11

Instrument :

MSVOA_X

ClientSampleId :

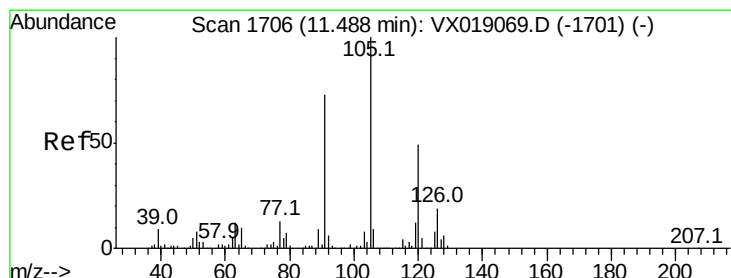
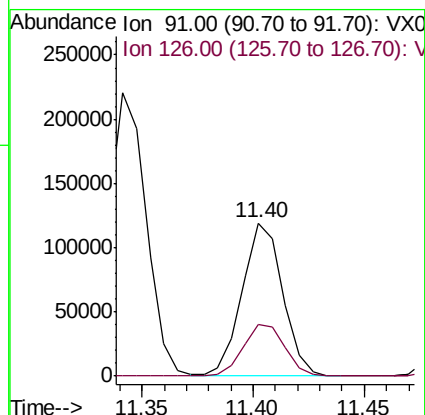
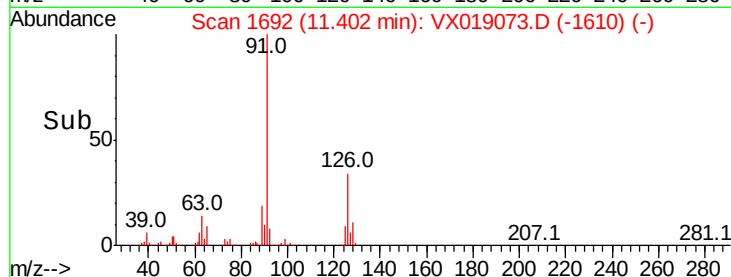
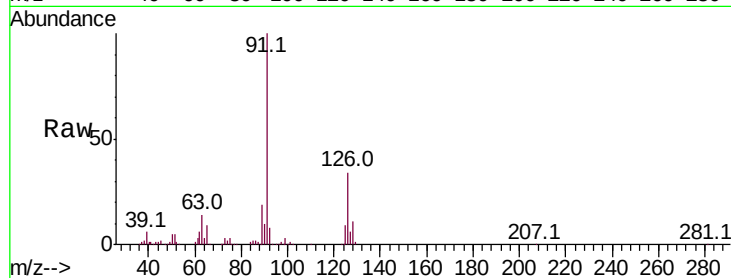
ICVVX102320

Tot Ion: 91 Resp: 152242

Ion Ratio Lower Upper

91 100

126 34.8 0.0 69.0



#76

1,3,5-Trimethylbenzene

Concen: 18.888 ug/l

RT: 11.49 min Scan# 1706

Delta R.T. 0.00 min

Lab File: VX019073.D

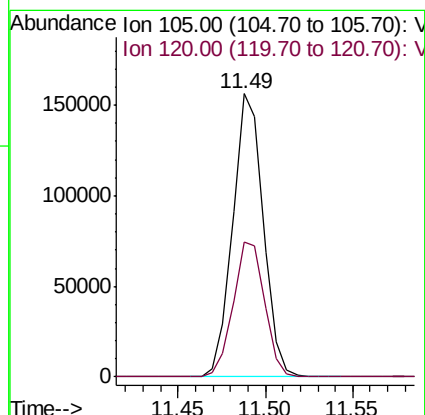
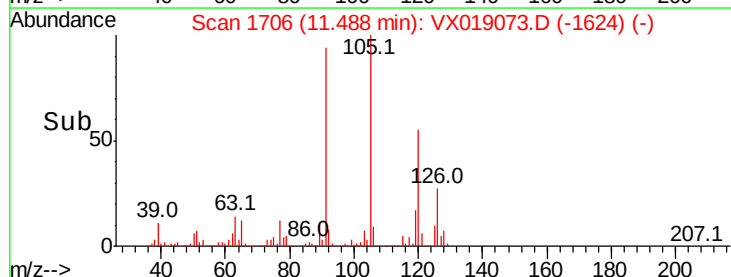
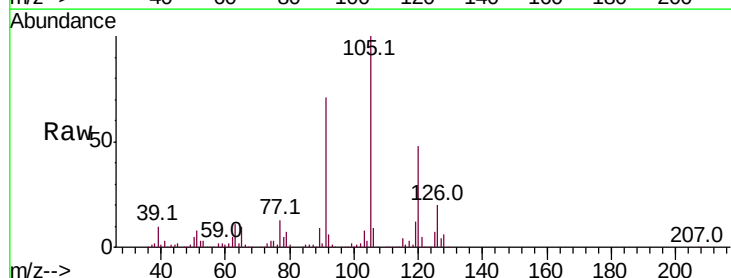
Acq: 23 Oct 2020 12:11

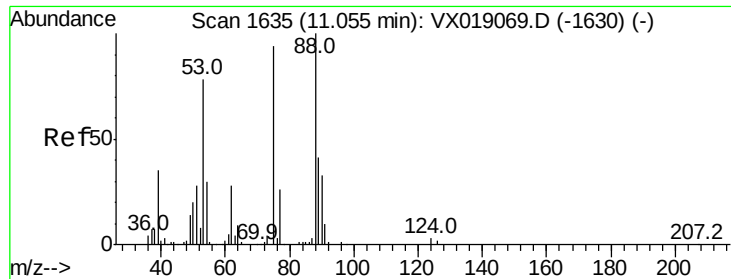
Tgt Ion: 105 Resp: 189938

Ion Ratio Lower Upper

105 100

120 49.2 0.0 100.2





#77

t-1,4-Dichloro-2-butene

Concen: 17.830 ug/l

RT: 11.05 min Scan# 1635

Delta R.T. 0.00 min

Lab File: VX019073.D

Acq: 23 Oct 2020 12:11

Instrument :

MSVOA_X

ClientSampleId :

ICVVX102320

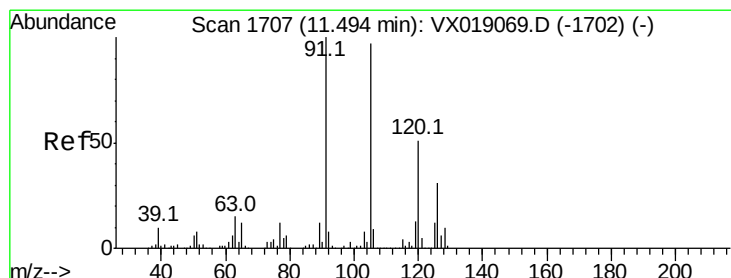
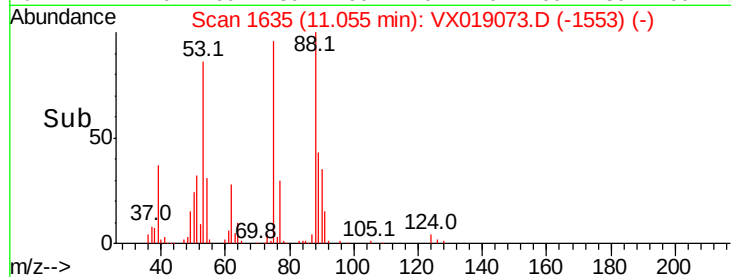
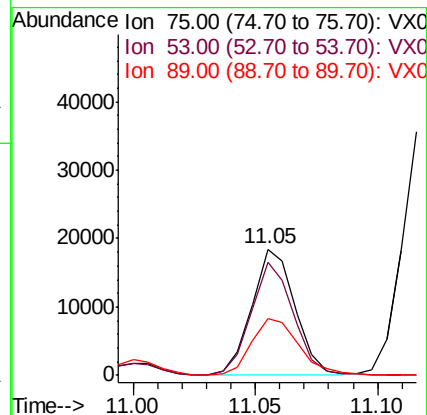
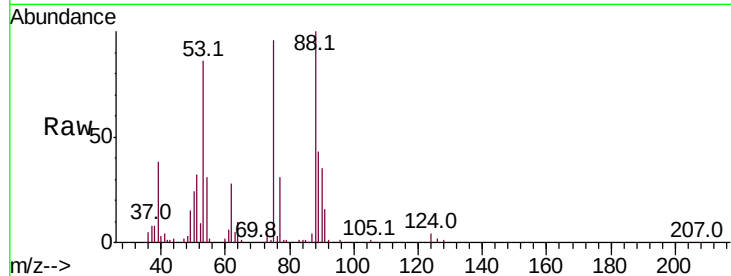
Tot Ion: 75 Resp: 22781

Ion Ratio Lower Upper

75 100

53 89.3 41.6 124.8

89 44.3 21.8 65.3



#78

4-Chlorotoluene

Concen: 19.296 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. 0.00 min

Lab File: VX019073.D

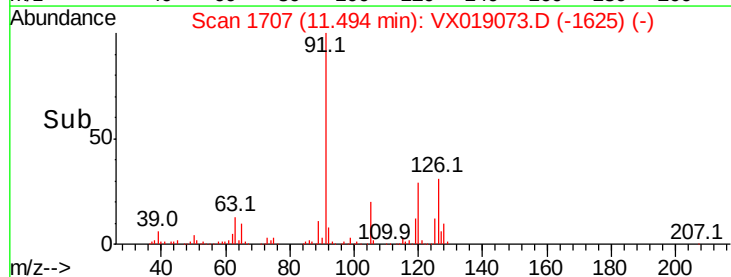
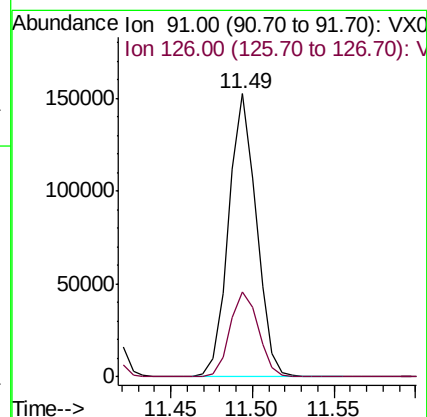
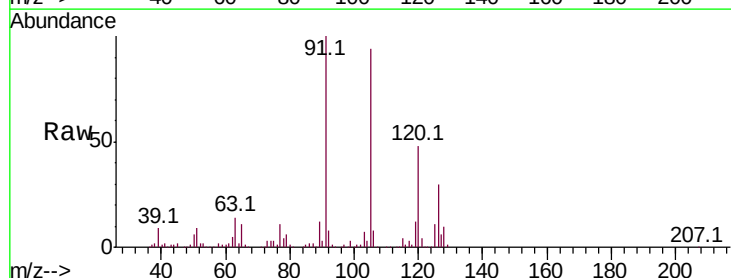
Acq: 23 Oct 2020 12:11

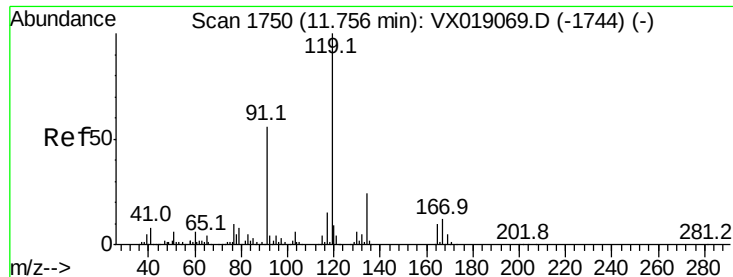
Tgt Ion: 91 Resp: 179977

Ion Ratio Lower Upper

91 100

126 30.6 0.0 61.2





#79

tert-butylbenzene

Concen: 19.179 ug/l

RT: 11.76 min Scan# 1750

Delta R.T. 0.00 min

Lab File: VX019073.D

Acq: 23 Oct 2020 12:11

Instrument :

MSVOA_X

ClientSampleId :

ICVX102320

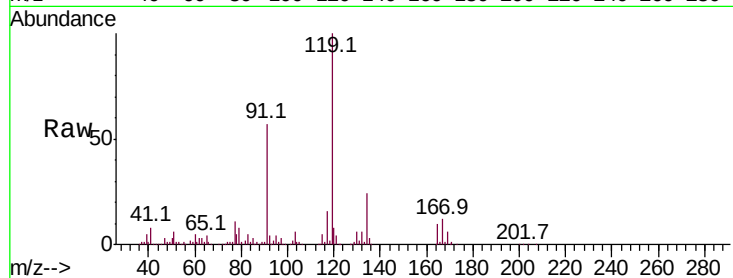
Tot Ion:119 Resp: 189909

Ion Ratio Lower Upper

119 100

91 55.1 0.0 111.4

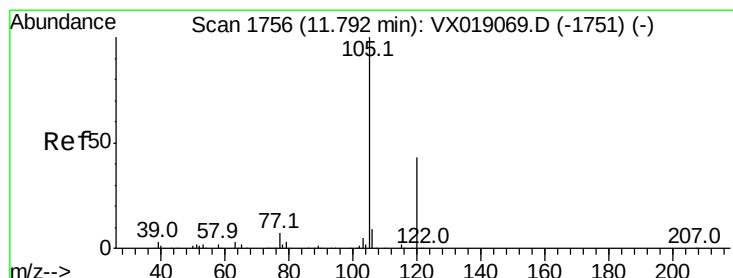
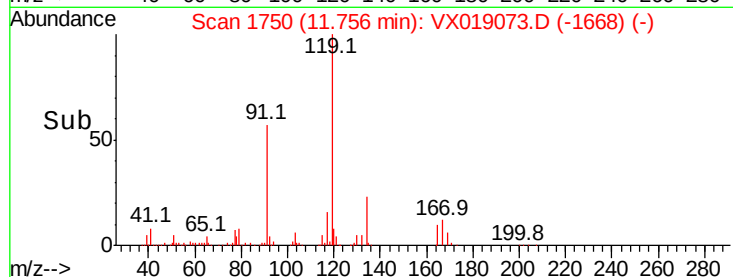
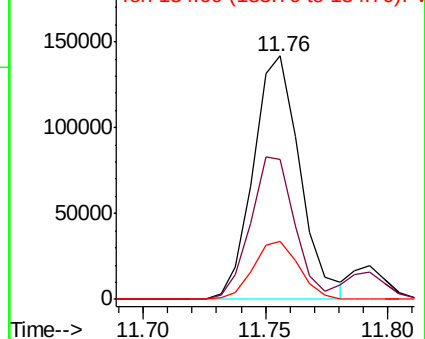
134 23.2 0.0 47.2



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: 18.921 ug/l

RT: 11.79 min Scan# 1756

Delta R.T. 0.00 min

Lab File: VX019073.D

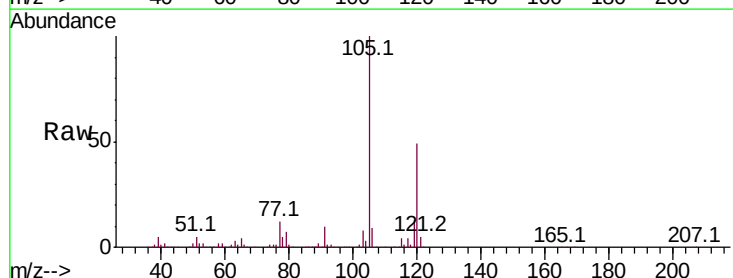
Acq: 23 Oct 2020 12:11

Tgt Ion:105 Resp: 189134

Ion Ratio Lower Upper

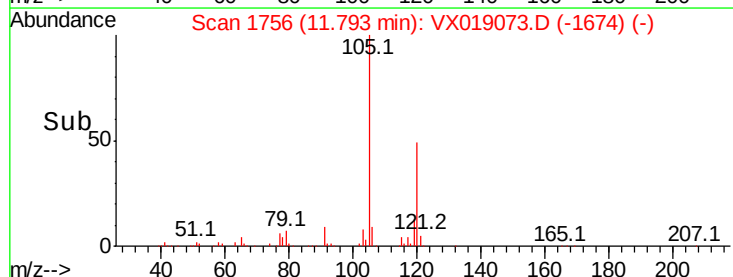
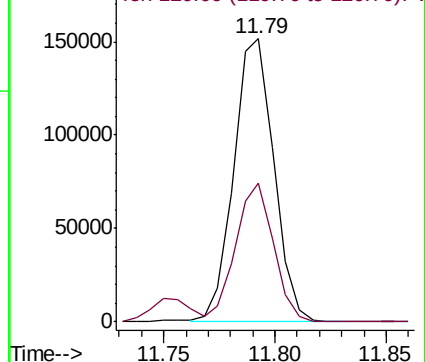
105 100

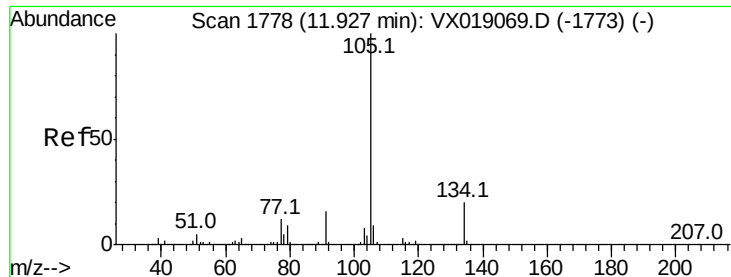
120 46.8 0.0 92.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

sec-Butylbenzene

Concen: 19.164 ug/l

RT: 11.93 min Scan# 1778

Delta R.T. 0.00 min

Lab File: VX019073.D

Acq: 23 Oct 2020 12:11

Instrument :

MSVOA_X

ClientSampleId :

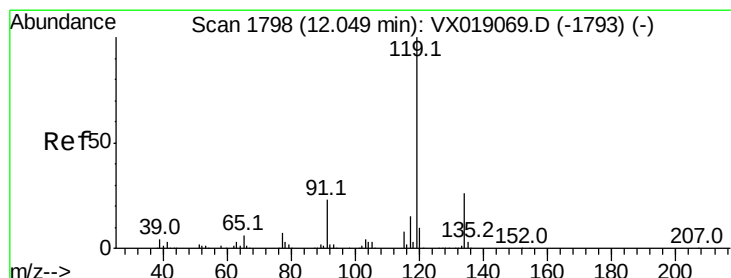
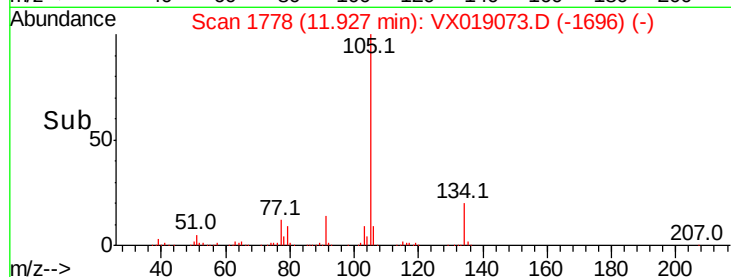
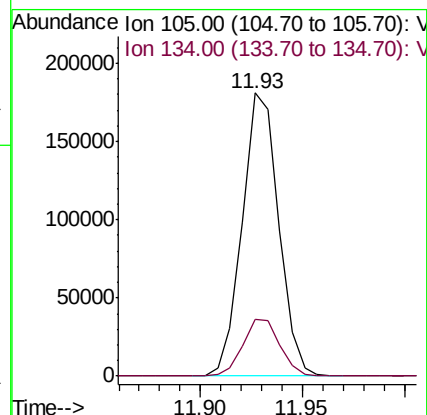
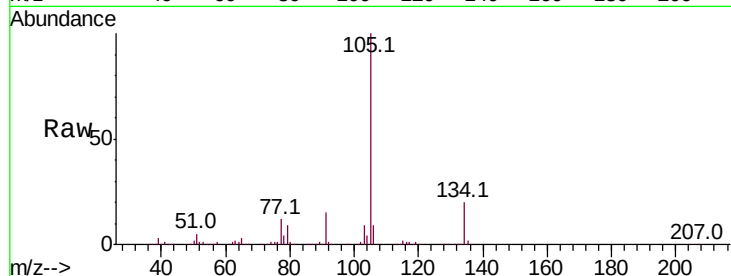
ICVVX102320

Tot Ion:105 Resp: 224546

Ion Ratio Lower Upper

105 100

134 20.4 0.0 40.8



#82

p-Isopropyltoluene

Concen: 19.075 ug/l

RT: 12.05 min Scan# 1798

Delta R.T. 0.00 min

Lab File: VX019073.D

Acq: 23 Oct 2020 12:11

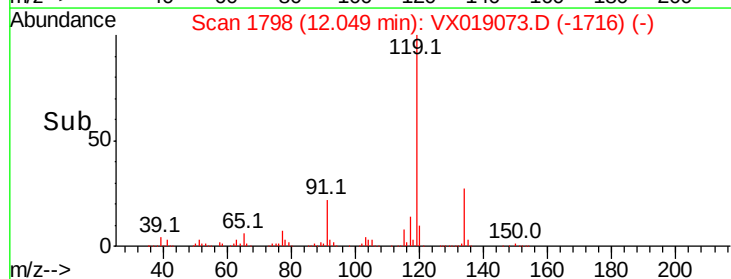
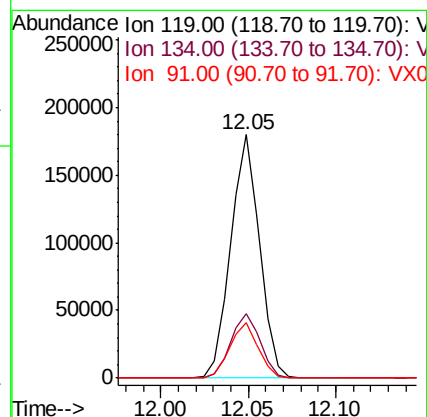
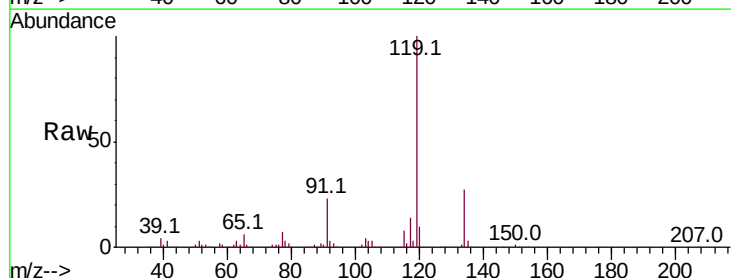
Tgt Ion:119 Resp: 205977

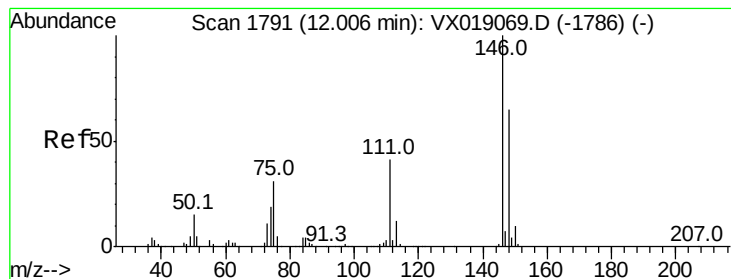
Ion Ratio Lower Upper

119 100

134 27.0 0.0 52.0

91 22.6 0.0 45.6





#83

1,3-Dichlorobenzene

Concen: 18.952 ug/l

RT: 12.01 min Scan# 1791

Delta R.T. 0.00 min

Lab File: VX019073.D

Acq: 23 Oct 2020 12:11

Instrument :

MSVOA_X

ClientSampleId :

ICVX102320

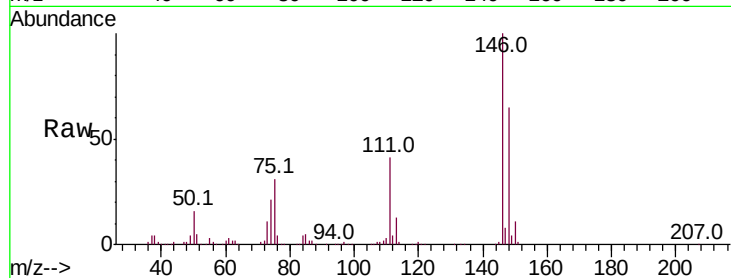
Tot Ion:146 Resp: 102587

Ion Ratio Lower Upper

146 100

111 40.0 20.0 59.9

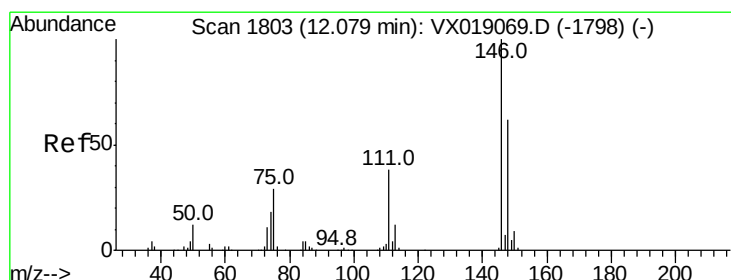
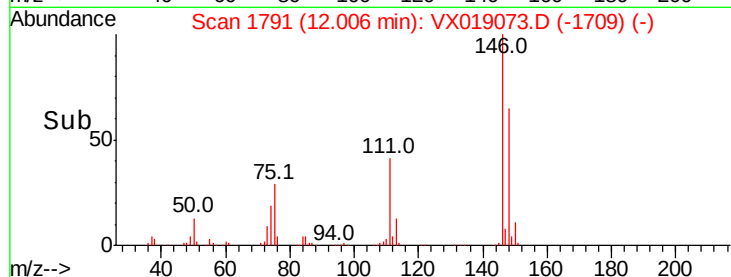
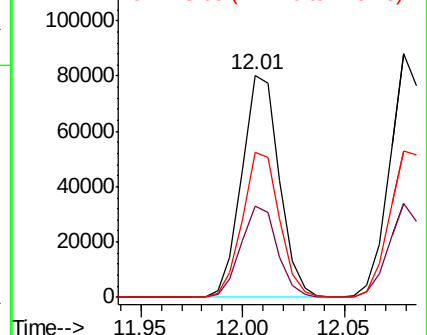
148 64.4 32.2 96.6



Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V



#84

1,4-Dichlorobenzene

Concen: 19.528 ug/l

RT: 12.08 min Scan# 1803

Delta R.T. 0.00 min

Lab File: VX019073.D

Acq: 23 Oct 2020 12:11

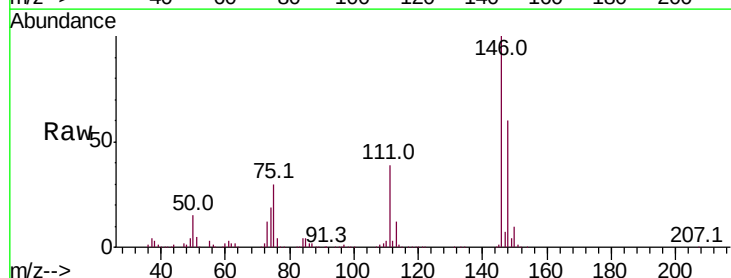
Tgt Ion:146 Resp: 107329

Ion Ratio Lower Upper

146 100

111 37.6 18.9 56.7

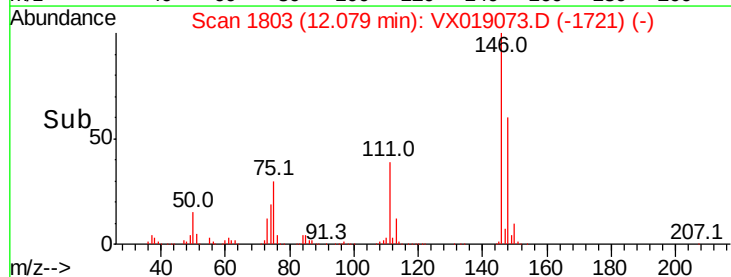
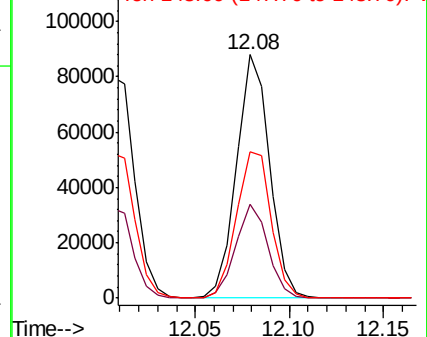
148 63.3 31.6 95.0

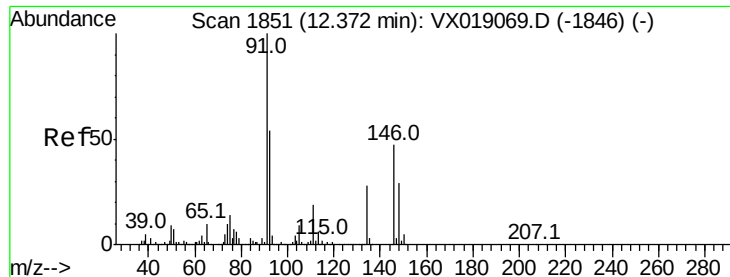


Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V





#85

n-Butylbenzene

Concen: 19.369 ug/l

RT: 12.37 min Scan# 1851

Delta R.T. 0.00 min

Lab File: VX019073.D

Acq: 23 Oct 2020 12:11

Instrument :

MSVOA_X

ClientSampleId :

ICVVX102320

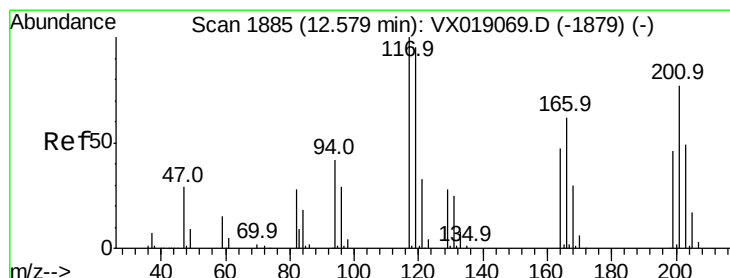
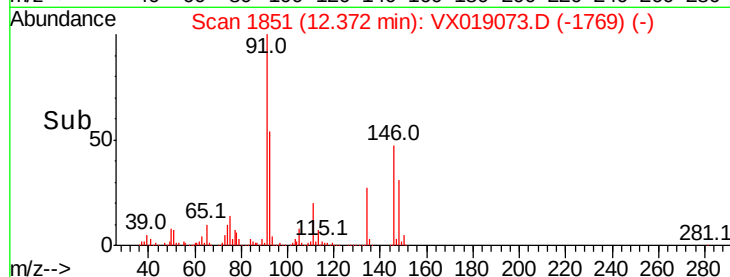
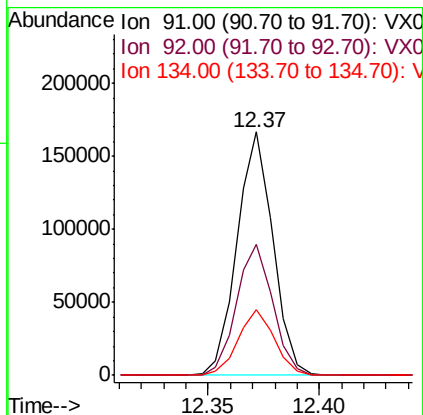
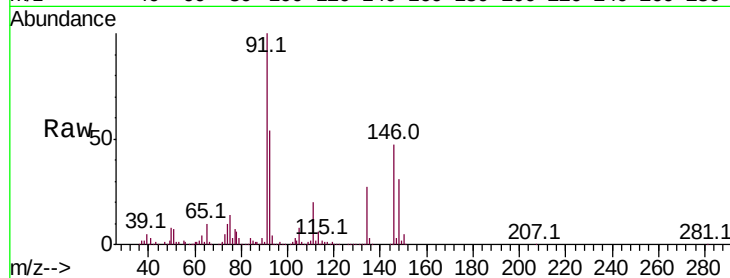
Tot Ion: 91 Resp: 187277

Ion Ratio Lower Upper

91 100

92 54.4 0.0 107.4

134 27.2 0.0 54.6



#86

Hexachloroethane

Concen: 18.266 ug/l

RT: 12.58 min Scan# 1885

Delta R.T. 0.00 min

Lab File: VX019073.D

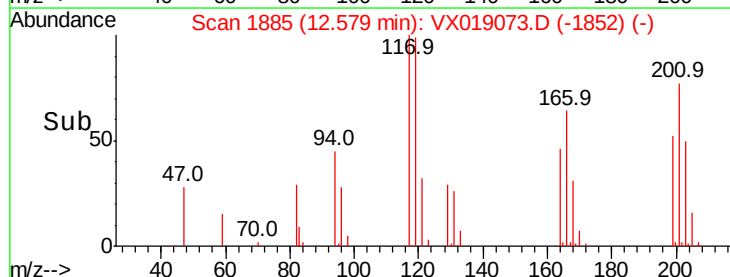
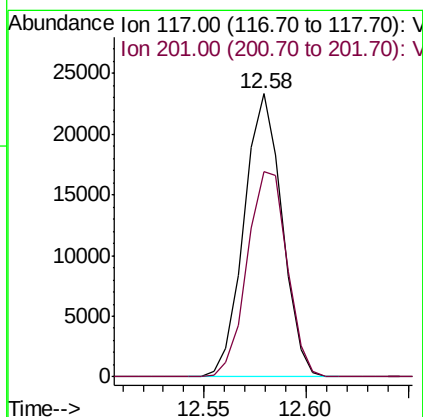
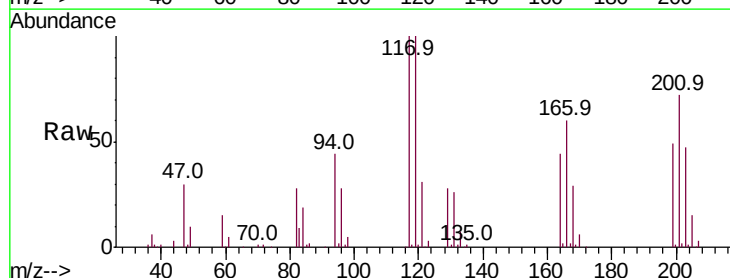
Acq: 23 Oct 2020 12:11

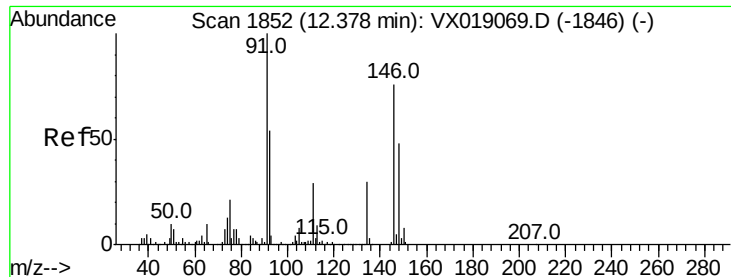
Tgt Ion: 117 Resp: 30295

Ion Ratio Lower Upper

117 100

201 76.5 38.4 115.1

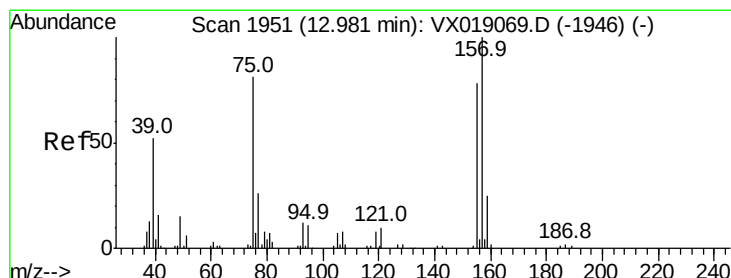
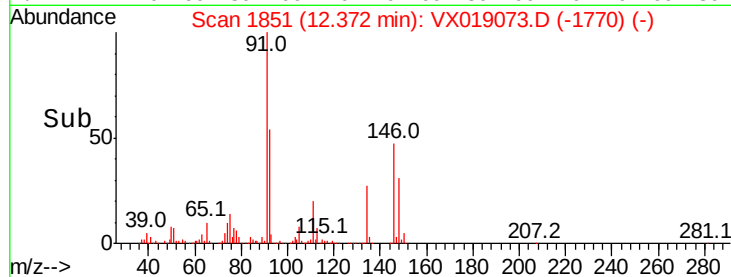
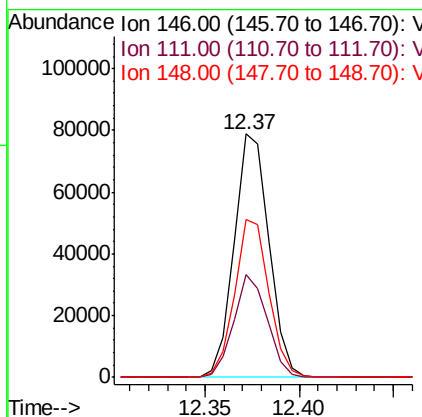
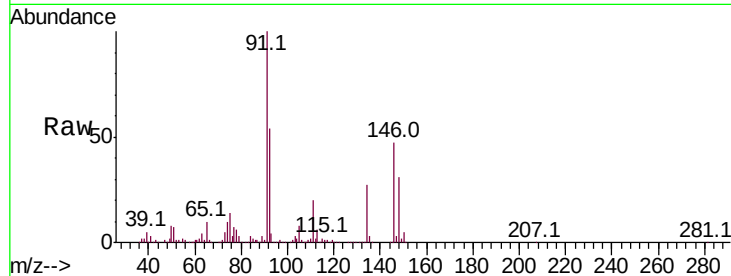




#87
 1,2-Dichlorobenzene
 Concen: 19.562 ug/l
 RT: 12.37 min Scan# 1851
 Delta R.T. -0.01 min
 Lab File: VX019073.D
 Acq: 23 Oct 2020 12:11

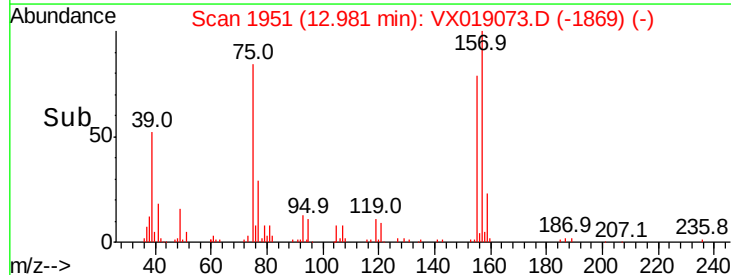
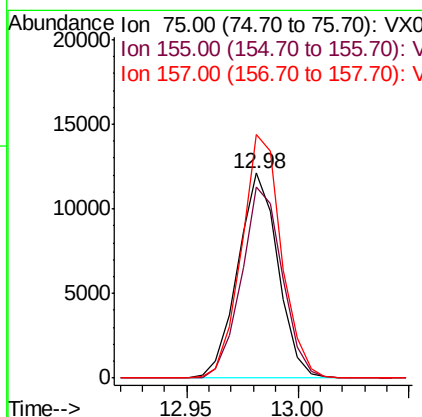
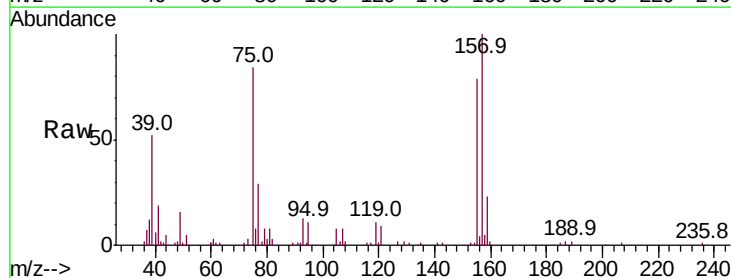
Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX102320

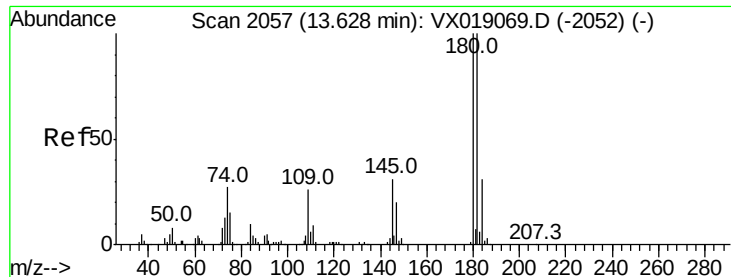
Tot Ion:146 Resp: 101372
 Ion Ratio Lower Upper
 146 100
 111 40.5 20.3 61.0
 148 63.9 32.1 96.5



#88
 1,2-Dibromo-3-Chloropropane
 Concen: 18.830 ug/l
 RT: 12.98 min Scan# 1951
 Delta R.T. 0.00 min
 Lab File: VX019073.D
 Acq: 23 Oct 2020 12:11

Tgt Ion: 75 Resp: 15247
 Ion Ratio Lower Upper
 75 100
 155 94.7 73.7 110.5
 157 118.4 96.5 144.7

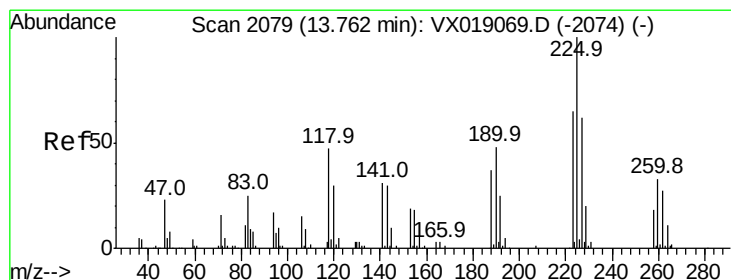
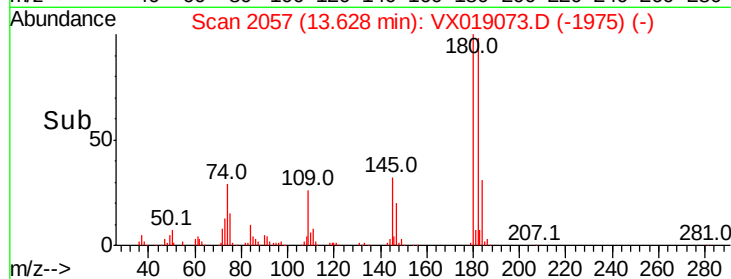
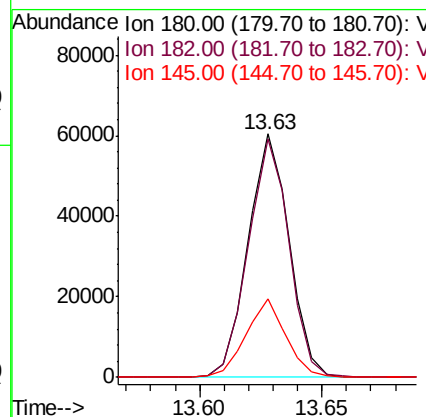
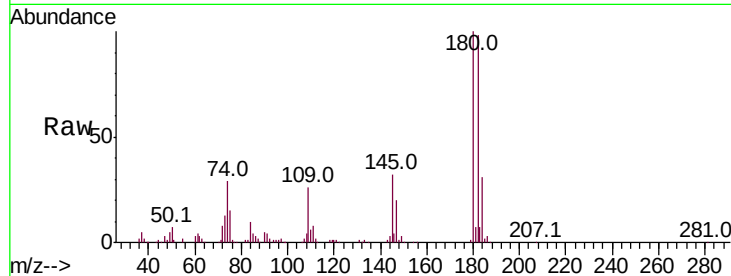




#89
 1,2,4-Trichlorobenzene
 Concen: 18.947 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. 0.00 min
 Lab File: VX019073.D
 Acq: 23 Oct 2020 12:11

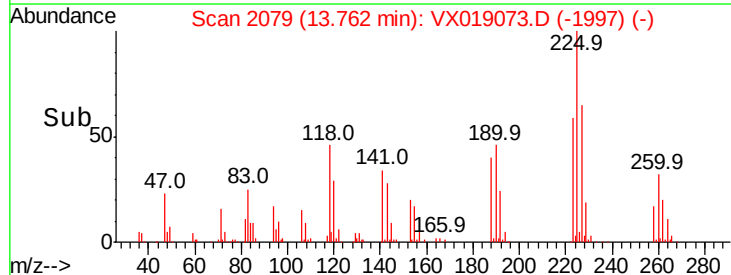
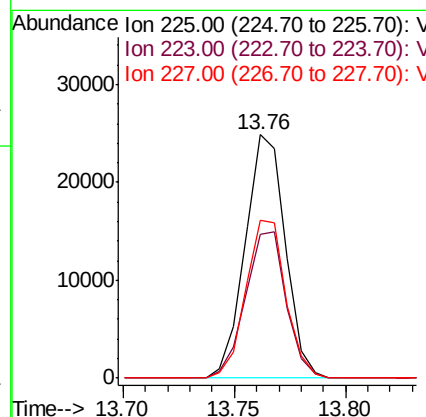
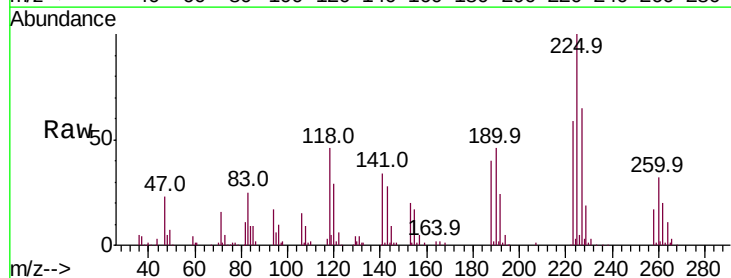
Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX102320

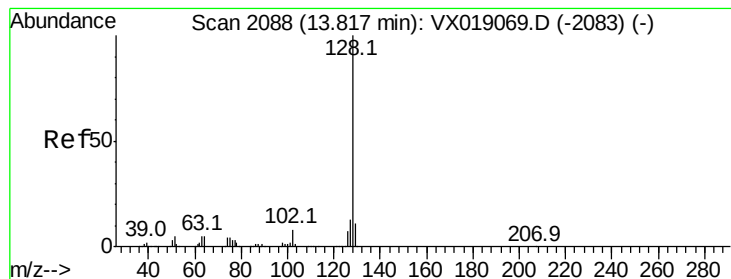
Tot Ion:180 Resp: 70657
 Ion Ratio Lower Upper
 180 100
 182 97.4 76.5 114.7
 145 31.2 24.2 36.4



#90
 Hexachlorobutadiene
 Concen: 19.842 ug/l
 RT: 13.76 min Scan# 2079
 Delta R.T. 0.00 min
 Lab File: VX019073.D
 Acq: 23 Oct 2020 12:11

Tgt Ion:225 Resp: 31375
 Ion Ratio Lower Upper
 225 100
 223 61.0 0.0 130.0
 227 64.7 0.0 128.6





#91

Naphthalene

Concen: 19.002 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. 0.00 min

Lab File: VX019073.D

Acq: 23 Oct 2020 12:11

Instrument :

MSVOA_X

ClientSampleId :

ICVVX102320

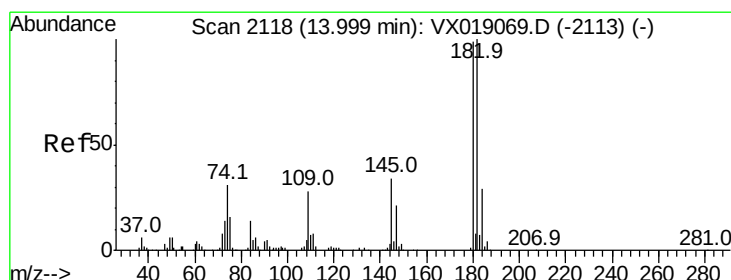
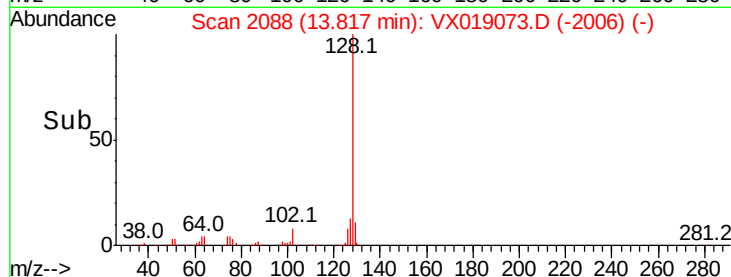
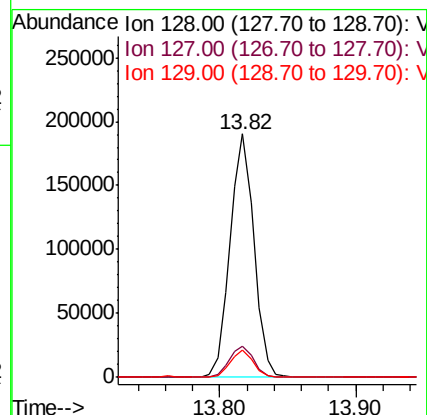
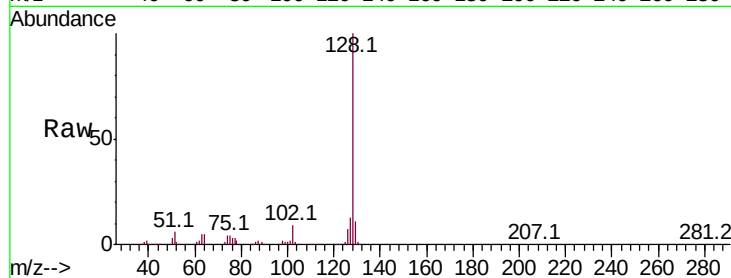
Tot Ion:128 Resp: 231975

Ion Ratio Lower Upper

128 100

127 13.0 10.6 16.0

129 11.0 8.9 13.3



#92

1,2,3-Trichlorobenzene

Concen: 18.522 ug/l

RT: 14.01 min Scan# 2119

Delta R.T. 0.01 min

Lab File: VX019073.D

Acq: 23 Oct 2020 12:11

Tgt Ion:180 Resp: 66446

Ion Ratio Lower Upper

180 100

182 98.9 0.0 192.4

145 34.4 0.0 64.6

