

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX101320\
 Data File : VX018929.D
 Acq On : 13 Oct 2020 14:04
 Operator : JC/SP
 Sample : VX1013WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1013WBSD01

Quant Time: Oct 14 01:52:46 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X100920W.M
 Quant Title : SW846 8260
 QLast Update : Sat Oct 10 06:09:09 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	244315	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	354075	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	335743	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	188168	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	158949	44.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.22%	
35) Dibromofluoromethane	5.46	113	119079	47.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.38%	
50) Toluene-d8	8.70	98	424076	48.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.90%	
62) 4-Bromofluorobenzene	11.12	95	168195	48.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.42%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	54588	19.902	ug/l	94
3) Chloromethane	1.31	50	50001	21.836	ug/l	97
4) Vinyl Chloride	1.39	62	54427	21.263	ug/l	95
5) Bromomethane	1.64	94	33448	23.462	ug/l	95
6) Chloroethane	1.71	64	33684	19.648	ug/l	97
7) Trichlorofluoromethane	1.92	101	87220	17.287	ug/l	99
8) Diethyl Ether	2.17	74	27536	20.210	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.37	101	44820	18.496	ug/l	98
10) Methyl Iodide	2.50	142	38381	17.863	ug/l	96
11) Tert butyl alcohol	3.01	59	53949	95.059	ug/l	98
12) 1,1-Dichloroethene	2.35	96	42463	19.272	ug/l	97
13) Acrolein	2.27	56	32090	67.959	ug/l	97
14) Allyl chloride	2.71	41	81841	20.006	ug/l	94
15) Acrylonitrile	3.11	53	127997	106.341	ug/l	100
16) Acetone	2.42	43	132858	94.454	ug/l	98
17) Carbon Disulfide	2.55	76	124147	18.764	ug/l	100
18) Methyl Acetate	2.75	43	63505	21.201	ug/l	96
19) Methyl tert-butyl Ether	3.17	73	143693	18.994	ug/l	97
20) Methylene Chloride	2.83	84	52185	20.603	ug/l	98
21) trans-1,2-Dichloroethene	3.14	96	49926	19.077	ug/l	99
22) Diisopropyl ether	3.82	45	156213	21.336	ug/l	96
23) Vinyl Acetate	3.78	43	738021	104.811	ug/l	100
24) 1,1-Dichloroethane	3.67	63	94006	19.097	ug/l	96
25) 2-Butanone	4.63	43	188572	96.617	ug/l	98
26) 2,2-Dichloropropane	4.55	77	81953	17.255	ug/l	100
27) cis-1,2-Dichloroethene	4.56	96	52382	18.024	ug/l	98
28) Bromochloromethane	4.98	49	39345	19.068	ug/l	95
29) Tetrahydrofuran	5.09	42	103043	98.403	ug/l	96
30) Chloroform	5.17	83	94356	17.398	ug/l	95
31) Cyclohexane	5.55	56	58044	17.246	ug/l	93
32) 1,1,1-Trichloroethane	5.46	97	84006	16.299	ug/l	99
36) 1,1-Dichloropropene	5.76	75	64875	17.427	ug/l	98
37) Ethyl Acetate	4.79	43	69659	19.377	ug/l	100
38) Carbon Tetrachloride	5.75	117	77480	16.792	ug/l	90

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 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X100920W.M
 Quant Title : SW846 8260
 QLast Update : Sat Oct 10 06:09:09 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	57941	16.884	ug/l	99
40) Benzene	6.11	78	178902	17.887	ug/l	99
41) Methacrylonitrile	5.00	41	38919	18.662	ug/l	98
42) 1,2-Dichloroethane	6.17	62	79794	17.017	ug/l	98
43) Isopropyl Acetate	6.41	43	104219	17.444	ug/l	99
44) Trichloroethene	7.19	130	51592	17.201	ug/l	98
45) 1,2-Dichloropropane	7.49	63	46656	17.630	ug/l	99
46) Dibromomethane	7.63	93	34276	17.526	ug/l	93
47) Bromodichloromethane	7.87	83	73923	17.443	ug/l	100
48) Methyl methacrylate	7.74	41	50698	16.723	ug/l	96
49) 1,4-Dioxane	7.71	88	13526	318.200	ug/l	98
51) 4-Methyl-2-Pentanone	8.62	43	326359	93.590	ug/l	99
52) Toluene	8.76	92	117000	18.229	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	78996	18.002	ug/l	98
54) cis-1,3-Dichloropropene	8.41	75	80328	17.794	ug/l	93
55) 1,1,2-Trichloroethane	9.20	97	49566	17.978	ug/l	97
56) Ethyl methacrylate	9.16	69	65447	18.242	ug/l	96
57) 1,3-Dichloropropane	9.35	76	83861	18.746	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	177498	88.985	ug/l	99
59) 2-Hexanone	9.47	43	242209	91.167	ug/l	99
60) Dibromochloromethane	9.57	129	63447	18.333	ug/l	96
61) 1,2-Dibromoethane	9.65	107	53822	18.205	ug/l	98
64) Tetrachloroethene	9.32	164	51876	20.461	ug/l	88
65) Chlorobenzene	10.12	112	129349	17.828	ug/l	96
66) 1,1,1,2-Tetrachloroethane	10.20	131	54158	18.093	ug/l	99
67) Ethyl Benzene	10.23	91	215349	17.594	ug/l	100
68) m/p-Xylenes	10.34	106	169137	36.371	ug/l	99
69) o-Xylene	10.68	106	77756	17.747	ug/l	100
70) Styrene	10.69	104	136846	18.449	ug/l	99
71) Bromoform	10.84	173	47056	18.175	ug/l #	95
73) Isopropylbenzene	11.00	105	218521	17.753	ug/l	99
74) N-amyl acetate	10.88	43	86828	17.829	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	73757	17.978	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	89324	22.031	ug/l	87
77) Bromobenzene	11.24	156	61786	18.273	ug/l	97
78) n-propylbenzene	11.34	91	248281	17.702	ug/l	99
79) 2-Chlorotoluene	11.40	91	156790	17.933	ug/l	97
80) 1,3,5-Trimethylbenzene	11.49	105	189826	18.029	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.05	75	24796	17.332	ug/l	96
82) 4-Chlorotoluene	11.49	91	192501	18.517	ug/l	100
83) tert-Butylbenzene	11.76	119	185253	17.569	ug/l	98
84) 1,2,4-Trimethylbenzene	11.79	105	196882	18.395	ug/l	96
85) sec-Butylbenzene	11.93	105	211773	17.828	ug/l	99
86) p-Isopropyltoluene	12.05	119	203508	18.059	ug/l	98
87) 1,3-Dichlorobenzene	12.01	146	112721	18.152	ug/l	98
88) 1,4-Dichlorobenzene	12.08	146	116295	18.489	ug/l	99
89) n-Butylbenzene	12.37	91	172004	17.567	ug/l	100
90) Hexachloroethane	12.58	117	34739	16.581	ug/l	90
91) 1,2-Dichlorobenzene	12.38	146	107754	18.229	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.98	75	17176	16.370	ug/l	94

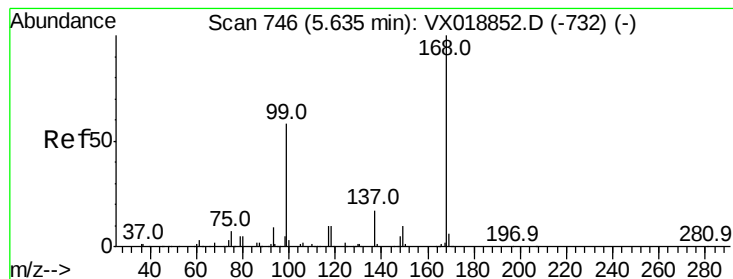
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX101320\
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Quant Time: Oct 14 01:52:46 2020
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Quant Title : SW846 8260
QLast Update : Sat Oct 10 06:09:09 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	75204	19.831	ug/l	95
94) Hexachlorobutadiene	13.76	225	36625	21.744	ug/l	97
95) Naphthalene	13.82	128	196677	17.655	ug/l	99
96) 1,2,3-Trichlorobenzene	14.00	180	75586	20.372	ug/l	96

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.01 min

Lab File: VX018929.D

Acq: 13 Oct 2020 14:04

Instrument :

MSVOA_X

ClientSampleId :

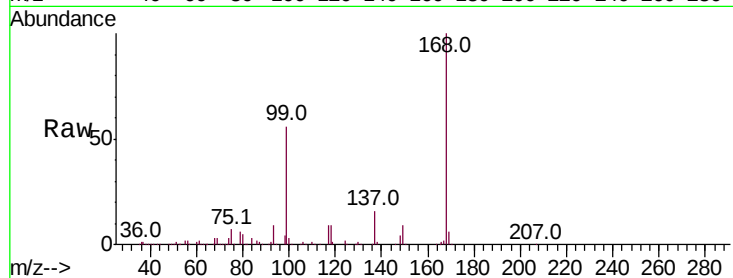
VX1013WBSD01

Tot Ion:168 Resp: 244315

Ion Ratio Lower Upper

168 100

99 56.1 46.1 69.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.63

80000

60000

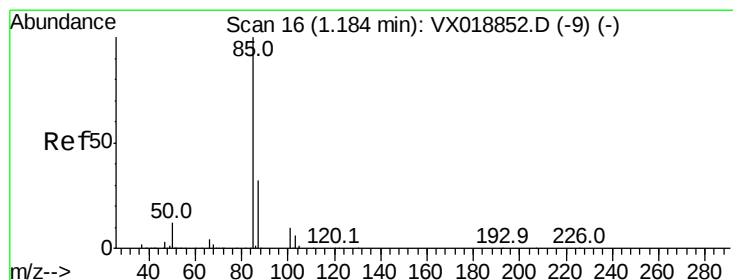
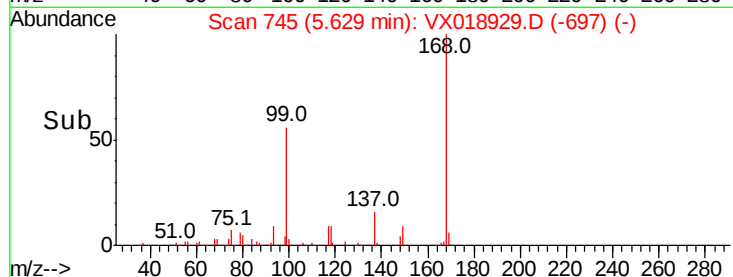
40000

20000

0

5.50 5.60 5.70 5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 19.902 ug/l

RT: 1.18 min Scan# 16

Delta R.T. 0.00 min

Lab File: VX018929.D

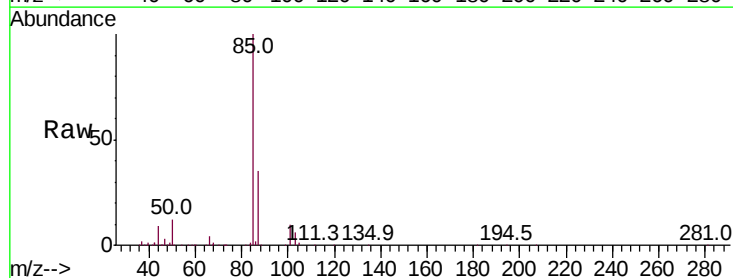
Acq: 13 Oct 2020 14:04

Tgt Ion: 85 Resp: 54588

Ion Ratio Lower Upper

85 100

87 34.9 15.9 47.7



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.18

60000

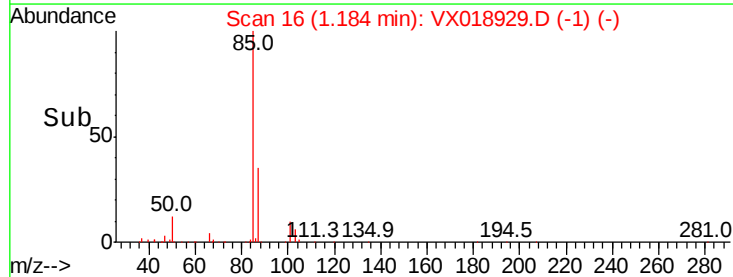
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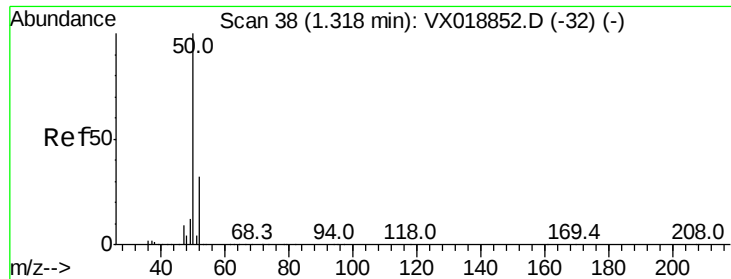
20000

0

1.15 1.20 1.25

Time-->





#3

Chloromethane

Concen: 21.836 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.01 min

Lab File: VX018929.D

Acq: 13 Oct 2020 14:04

Instrument :

MSVOA_X

ClientSampleId :

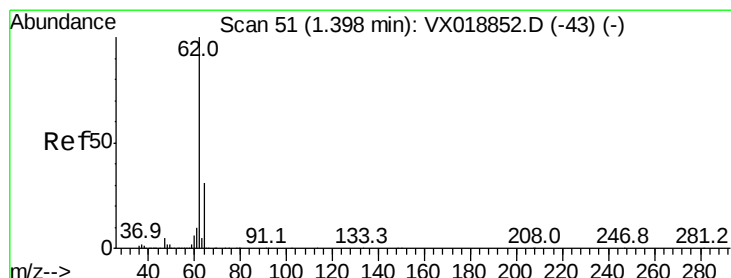
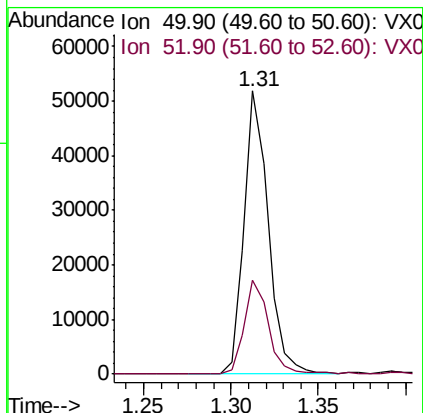
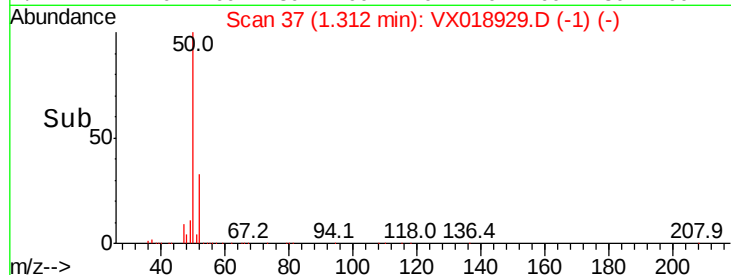
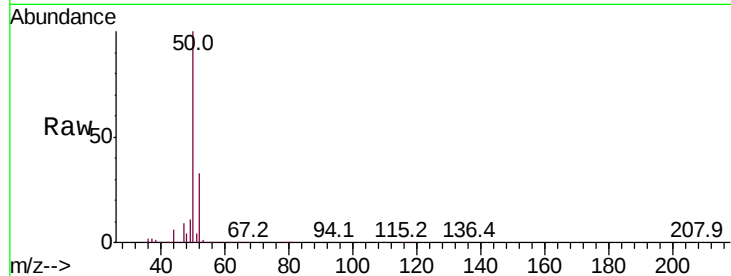
VX1013WBSD01

Tot Ion: 50 Resp: 50001

Ion Ratio Lower Upper

50 100

52 33.2 25.2 37.8



#4

Vinyl Chloride

Concen: 21.263 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.01 min

Lab File: VX018929.D

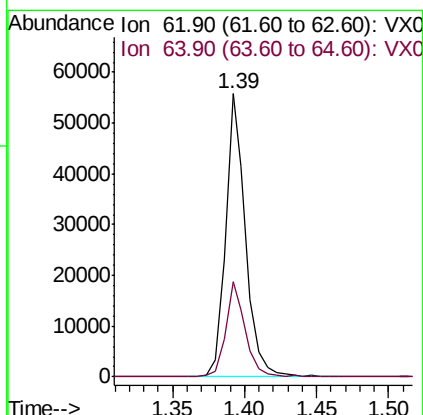
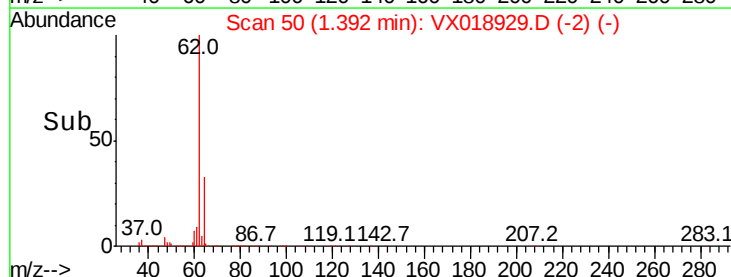
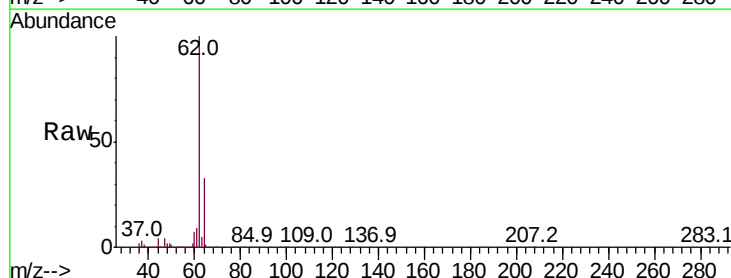
Acq: 13 Oct 2020 14:04

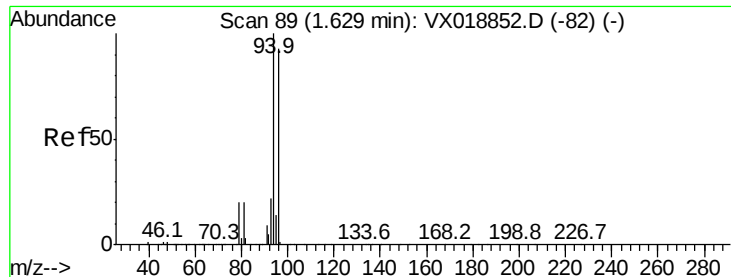
Tgt Ion: 62 Resp: 54427

Ion Ratio Lower Upper

62 100

64 33.3 24.6 37.0





#5

Bromomethane

Concen: 23.462 ug/l

RT: 1.64 min Scan# 90

Delta R.T. 0.01 min

Lab File: VX018929.D

Acq: 13 Oct 2020 14:04

Instrument :

MSVOA_X

ClientSampleId :

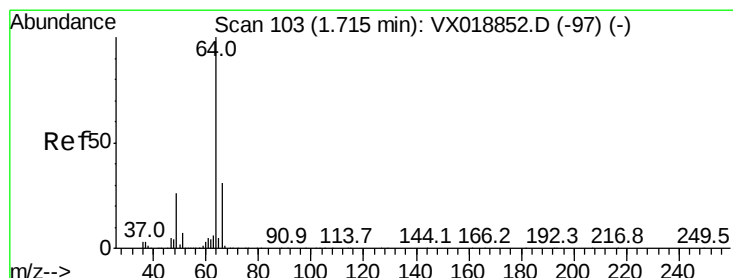
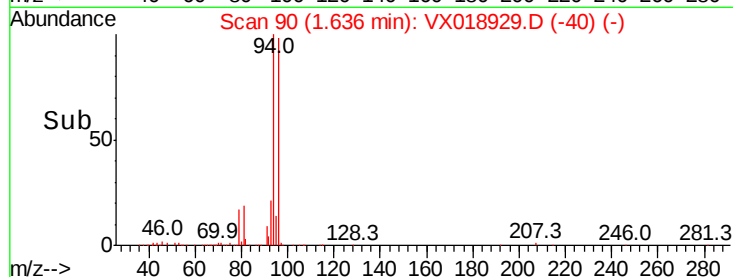
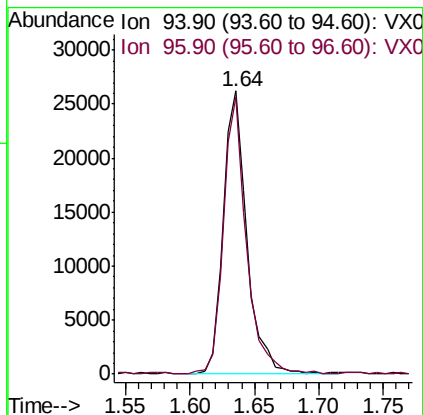
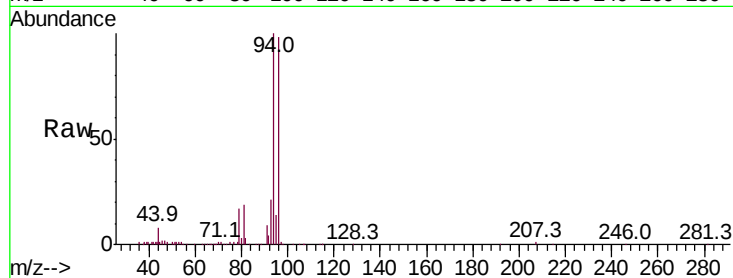
VX1013WBSD01

Tot Ion: 94 Resp: 33448

Ion Ratio Lower Upper

94 100

96 97.8 74.5 111.7



#6

Chloroethane

Concen: 19.648 ug/l

RT: 1.71 min Scan# 103

Delta R.T. 0.00 min

Lab File: VX018929.D

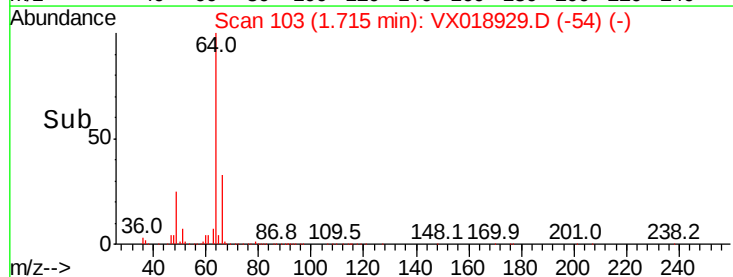
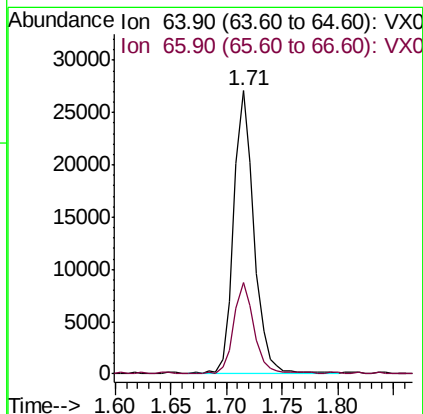
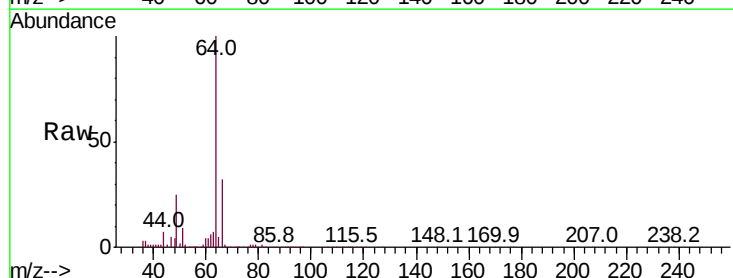
Acq: 13 Oct 2020 14:04

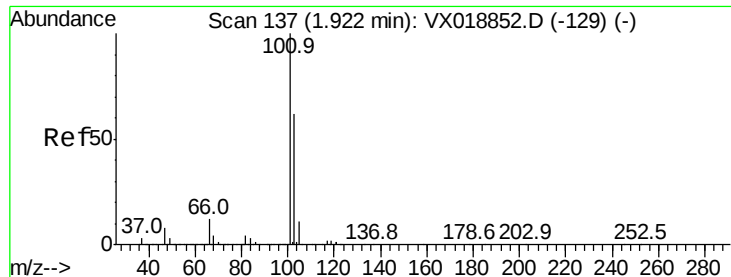
Tgt Ion: 64 Resp: 33684

Ion Ratio Lower Upper

64 100

66 32.5 24.7 37.1



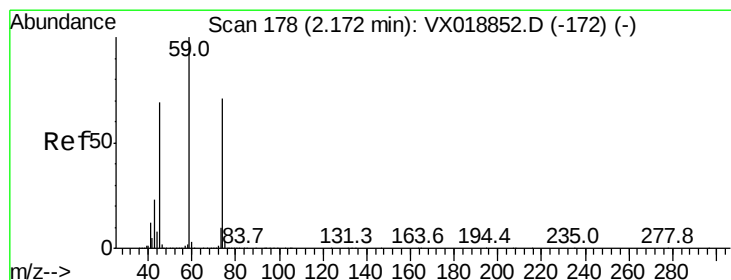
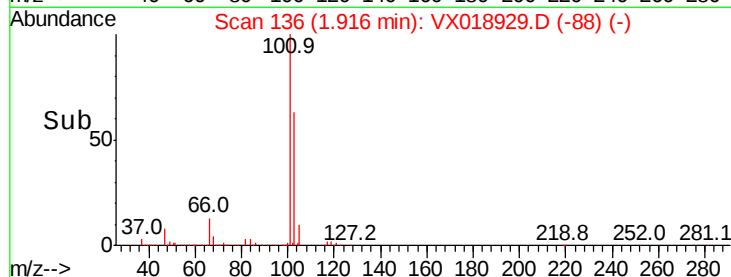
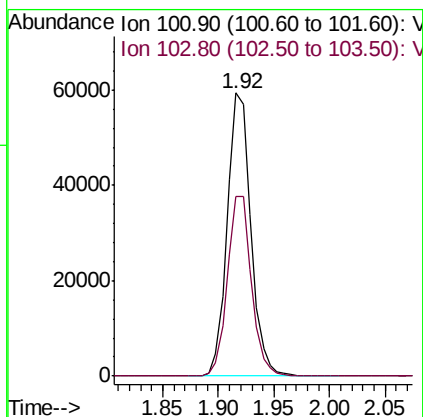
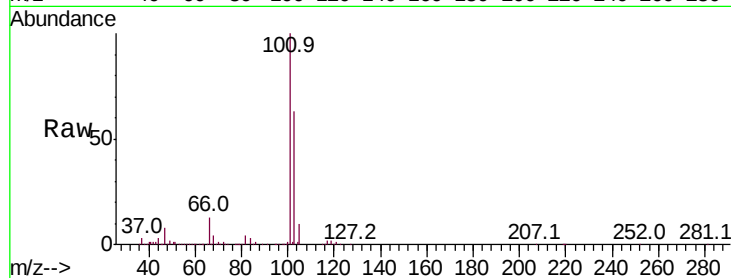


#7

Trichlorofluoromethane
Concen: 17.287 ug/l
RT: 1.92 min Scan# 136
Delta R.T. -0.01 min
Lab File: VX018929.D
Acq: 13 Oct 2020 14:04

Instrument :
MSVOA_X
ClientSampleId :
VX1013WBSD01

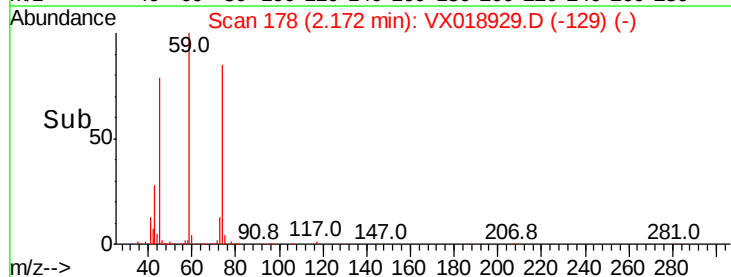
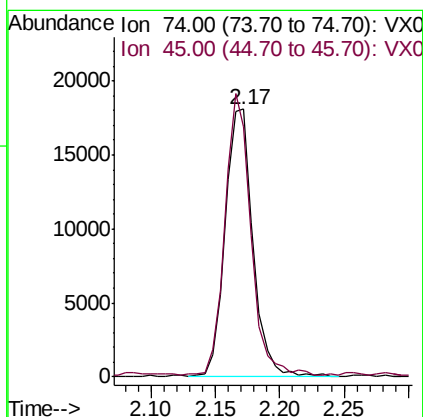
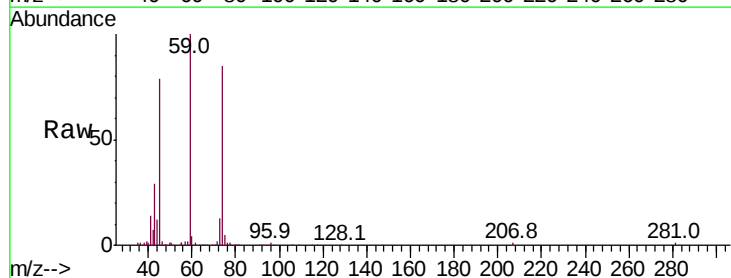
Tot Ion:101 Resp: 87220
Ion Ratio Lower Upper
101 100
103 63.4 50.0 75.0

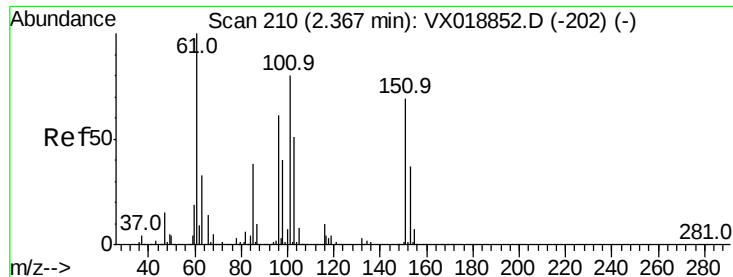


#8

Diethyl Ether
Concen: 20.210 ug/l
RT: 2.17 min Scan# 178
Delta R.T. 0.00 min
Lab File: VX018929.D
Acq: 13 Oct 2020 14:04

Tgt Ion: 74 Resp: 27536
Ion Ratio Lower Upper
74 100
45 98.1 47.0 141.2





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.496 ug/l

RT: 2.37 min Scan# 210

Delta R.T. 0.00 min

Lab File: VX018929.D

Acq: 13 Oct 2020 14:04

Instrument :

MSVOA_X

ClientSampleId :

VX1013WBSD01

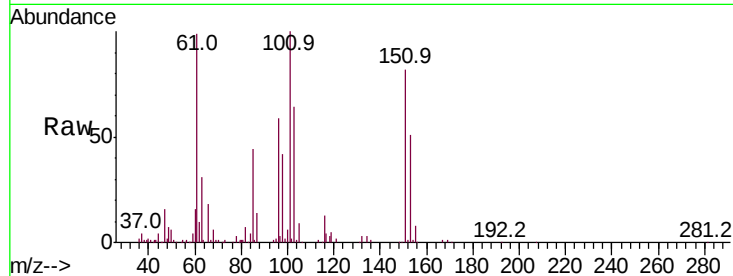
Tot Ion:101 Resp: 44820

Ion Ratio Lower Upper

101 100

85 44.8 36.6 55.0

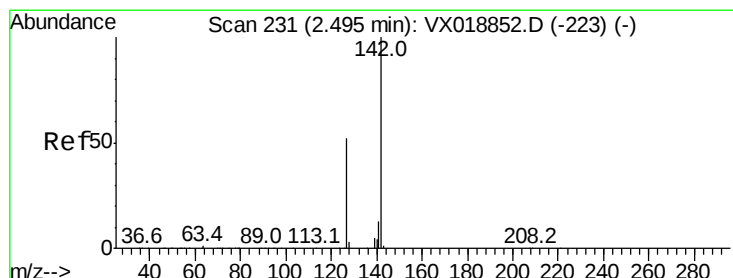
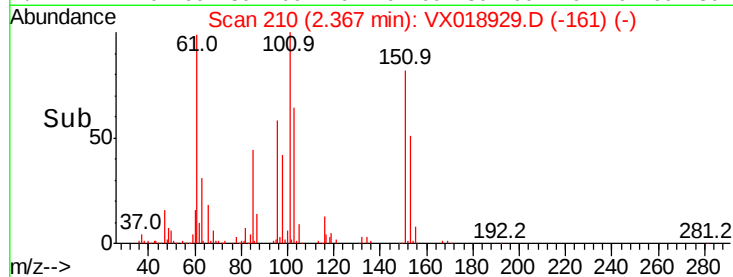
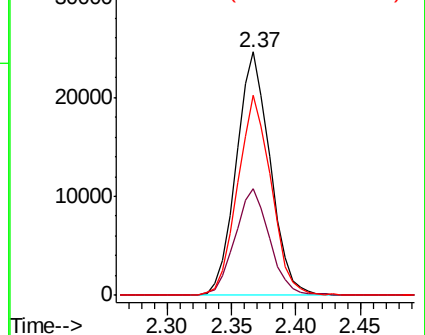
151 81.6 67.2 100.8



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 17.863 ug/l

RT: 2.50 min Scan# 231

Delta R.T. 0.00 min

Lab File: VX018929.D

Acq: 13 Oct 2020 14:04

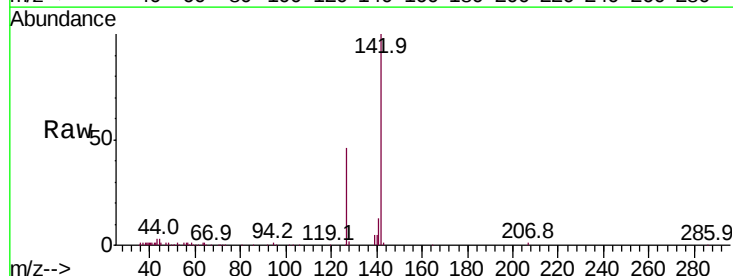
Tgt Ion:142 Resp: 38381

Ion Ratio Lower Upper

142 100

127 48.9 42.0 63.0

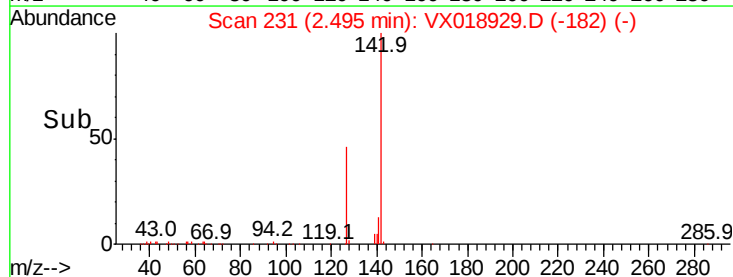
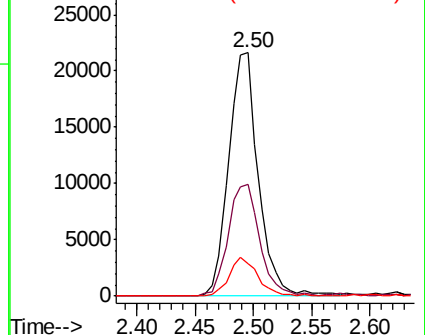
141 15.5 11.8 17.6

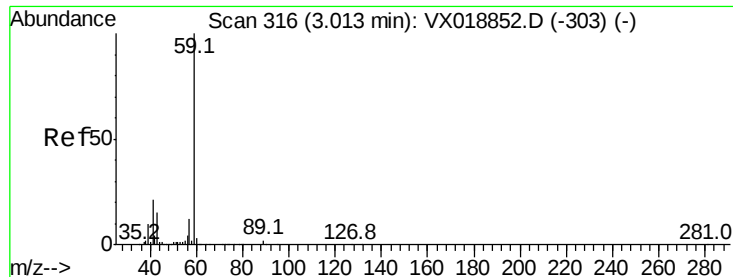


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



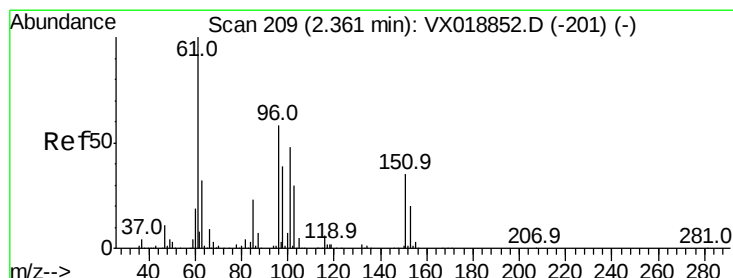
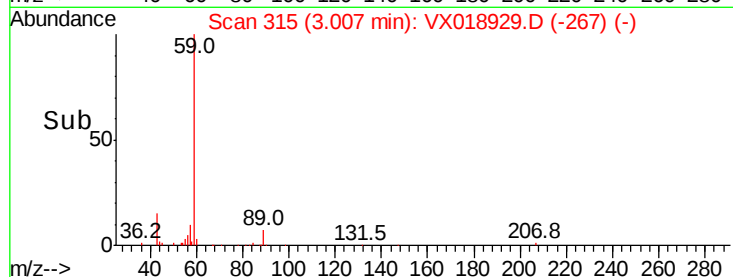
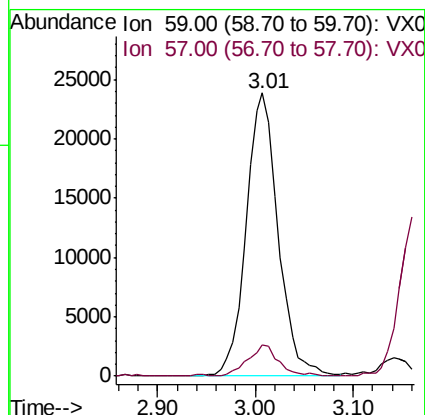
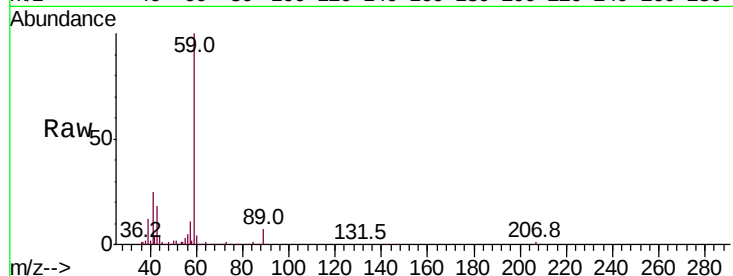


#11

Tert butyl alcohol
 Concen: 95.059 ug/l
 RT: 3.01 min Scan# 315
 Delta R.T. -0.01 min
 Lab File: VX018929.D
 Acq: 13 Oct 2020 14:04

Instrument :
 MSVOA_X
 ClientSampleID :
 VX1013WBSD01

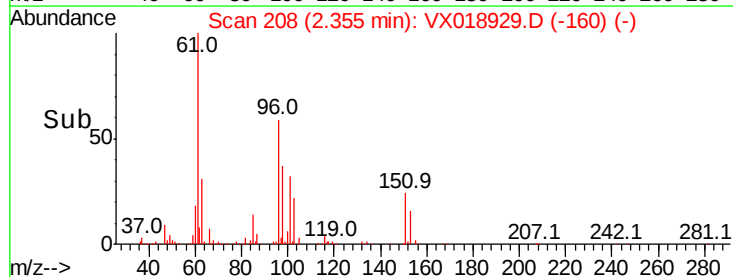
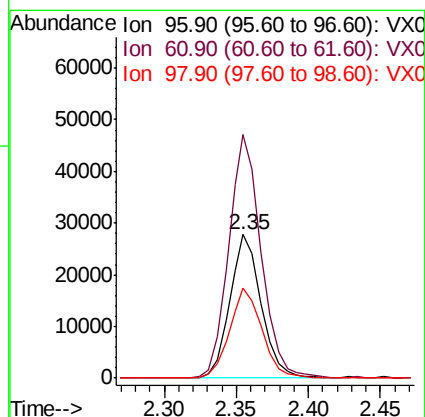
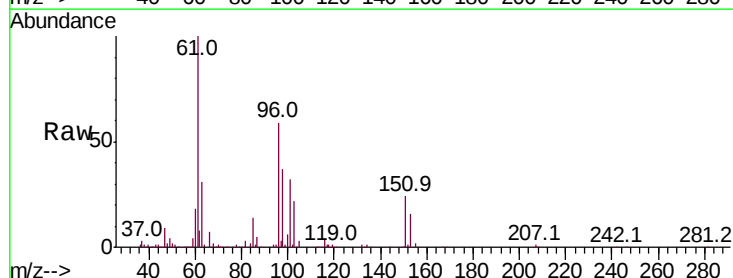
Tot Ion: 59 Resp: 53949
 Ion Ratio Lower Upper
 59 100
 57 10.7 9.0 13.6

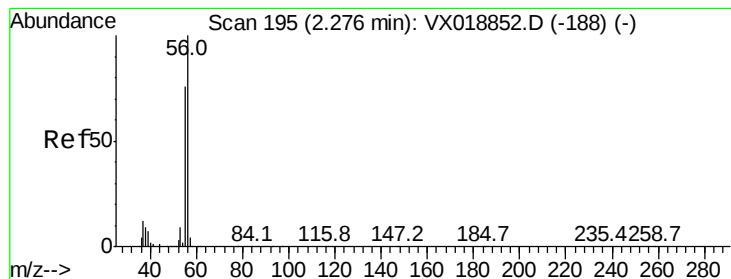


#12

1,1-Dichloroethene
 Concen: 19.272 ug/l
 RT: 2.35 min Scan# 208
 Delta R.T. -0.01 min
 Lab File: VX018929.D
 Acq: 13 Oct 2020 14:04

Tgt Ion: 96 Resp: 42463
 Ion Ratio Lower Upper
 96 100
 61 169.3 137.0 205.6
 98 62.4 53.9 80.9





#13

Acrolein

Concen: 67.959 ug/l

RT: 2.27 min Scan# 194

Delta R.T. -0.01 min

Lab File: VX018929.D

Acq: 13 Oct 2020 14:04

Instrument :

MSVOA_X

ClientSampleId :

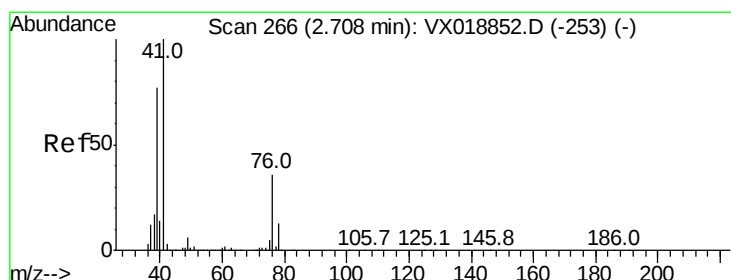
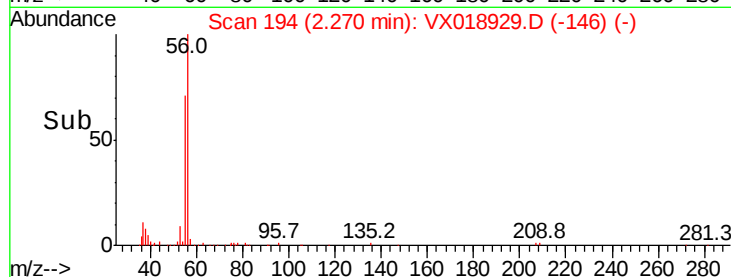
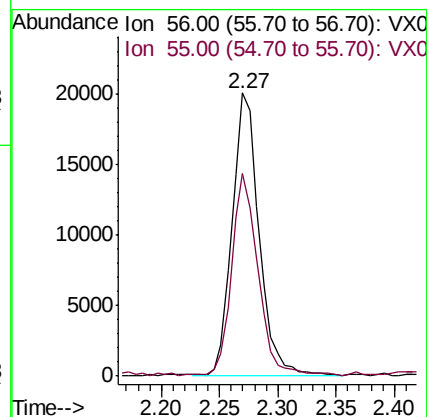
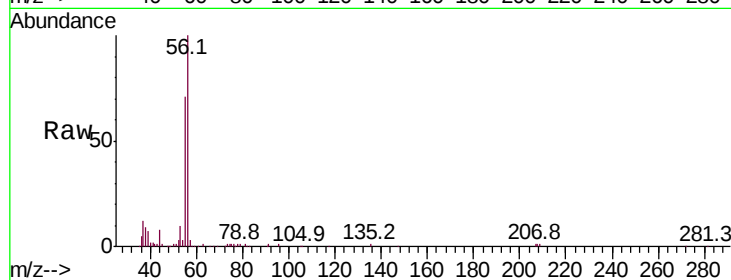
VX1013WBSD01

Tot Ion: 56 Resp: 32090

Ion Ratio Lower Upper

56 100

55 70.9 58.6 87.8



#14

Allyl chloride

Concen: 20.006 ug/l

RT: 2.71 min Scan# 266

Delta R.T. 0.00 min

Lab File: VX018929.D

Acq: 13 Oct 2020 14:04

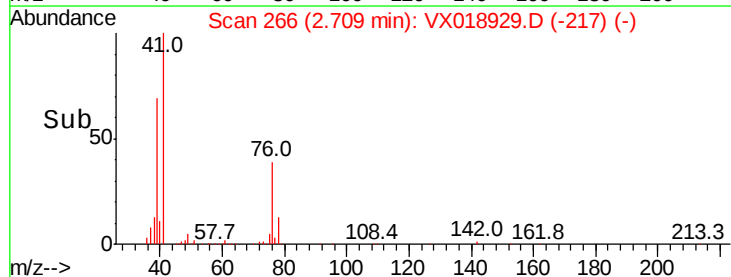
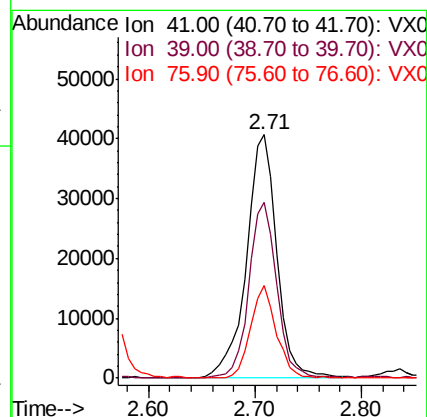
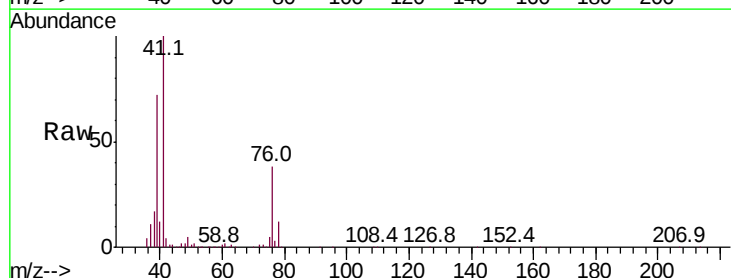
Tgt Ion: 41 Resp: 81841

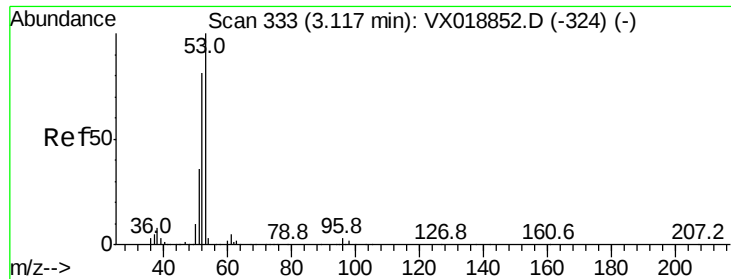
Ion Ratio Lower Upper

41 100

39 65.6 57.8 86.8

76 32.2 26.8 40.2





#15

Acrylonitrile

Concen: 106.341 ug/l

RT: 3.11 min Scan# 332

Delta R.T. -0.01 min

Lab File: VX018929.D

Acq: 13 Oct 2020 14:04

Instrument :

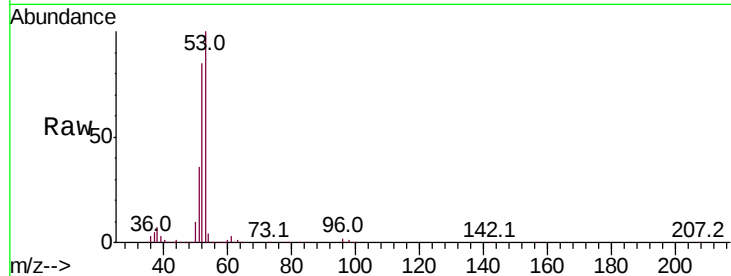
MSVOA_X

ClientSampleId :

VX1013WBSD01

Tot Ion: 53 Resp: 127997

Ion	Ratio	Lower	Upper
53	100		
52	83.4	66.7	100.1
51	37.2	30.3	45.5

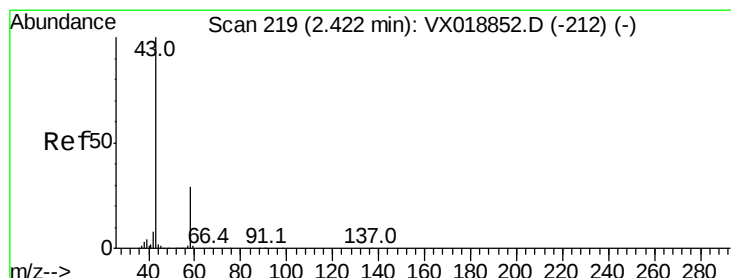
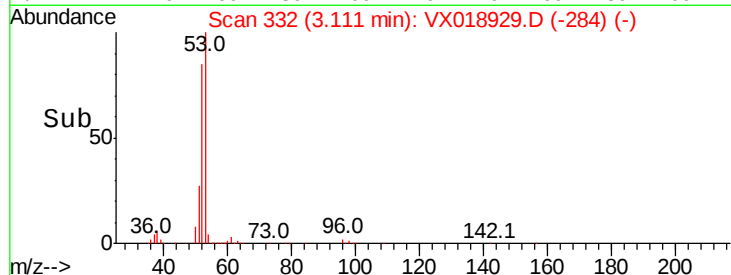
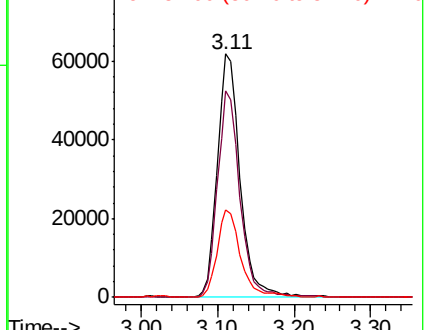


Abundance

Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 94.454 ug/l

RT: 2.42 min Scan# 218

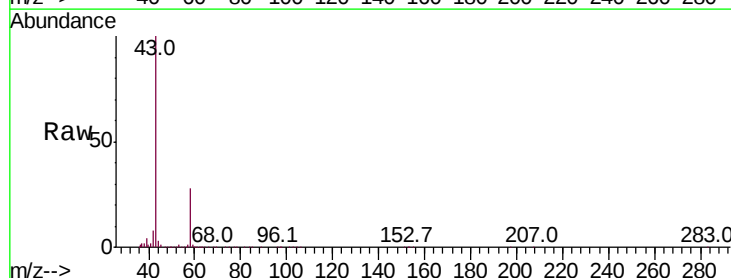
Delta R.T. -0.01 min

Lab File: VX018929.D

Acq: 13 Oct 2020 14:04

Tgt Ion: 43 Resp: 132858

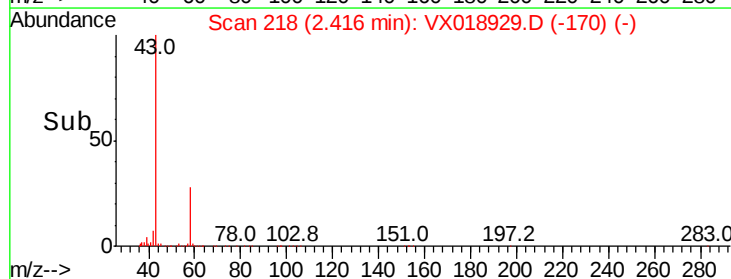
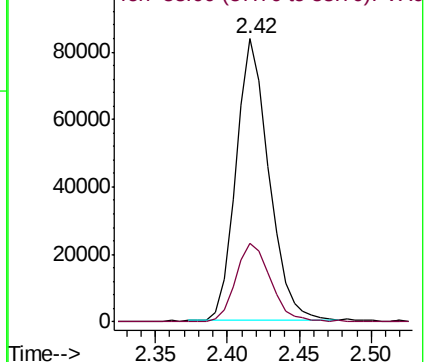
Ion	Ratio	Lower	Upper
43	100		
58	27.7	23.0	34.4

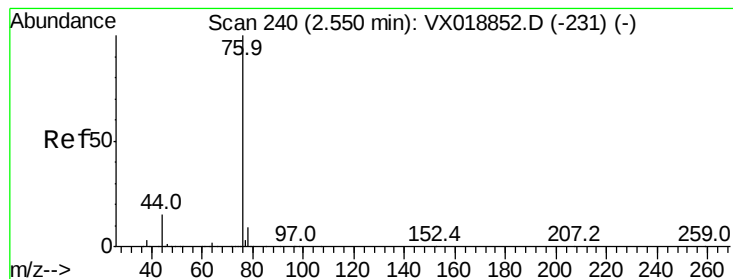


Abundance

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 18.764 ug/l

RT: 2.55 min Scan# 240

Delta R.T. 0.00 min

Lab File: VX018929.D

Acq: 13 Oct 2020 14:04

Instrument :

MSVOA_X

ClientSampleId :

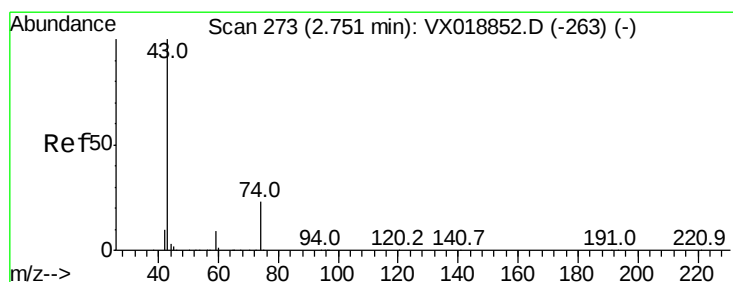
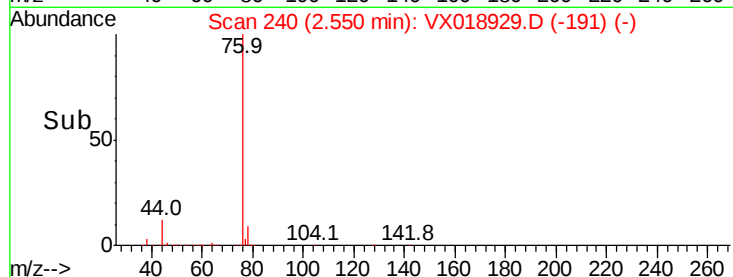
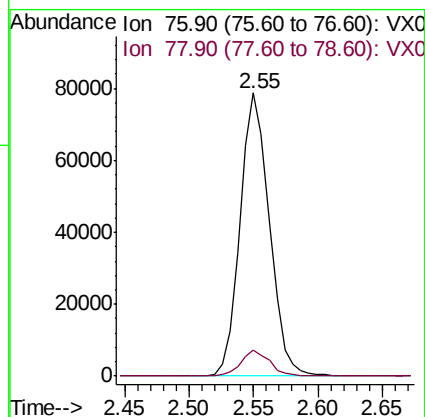
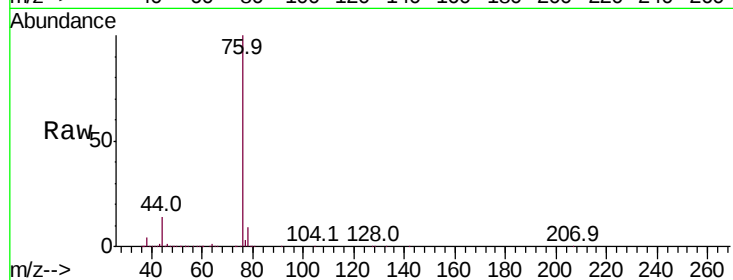
VX1013WBSD01

Tot Ion: 76 Resp: 124147

Ion Ratio Lower Upper

76 100

78 9.2 7.3 10.9



#18

Methyl Acetate

Concen: 21.201 ug/l

RT: 2.75 min Scan# 272

Delta R.T. -0.01 min

Lab File: VX018929.D

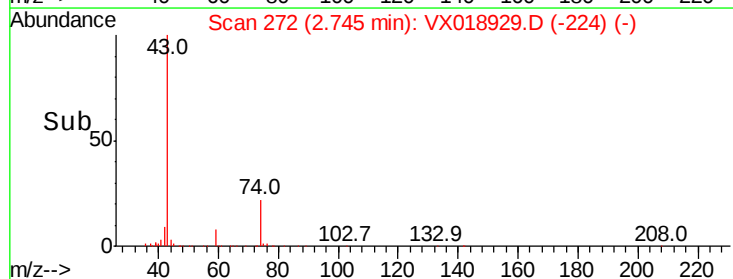
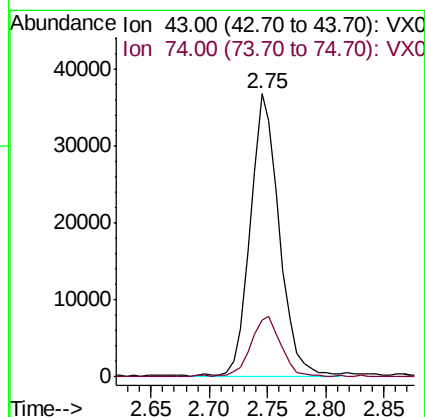
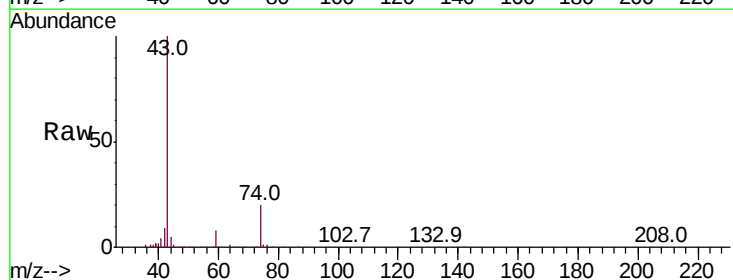
Acq: 13 Oct 2020 14:04

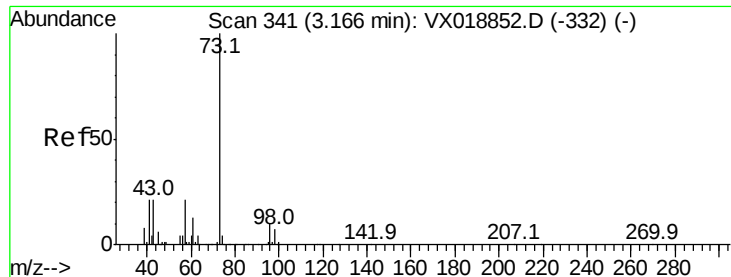
Tgt Ion: 43 Resp: 63505

Ion Ratio Lower Upper

43 100

74 21.6 18.9 28.3



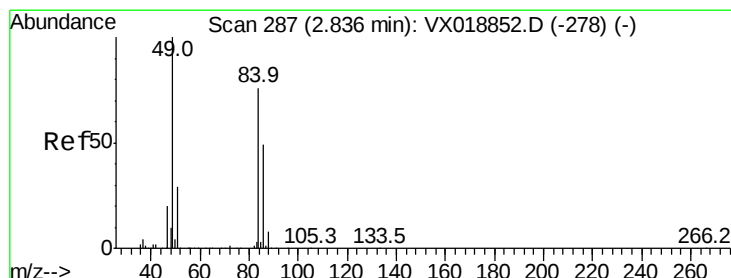
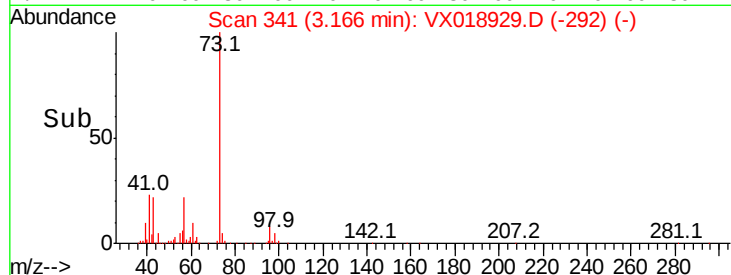
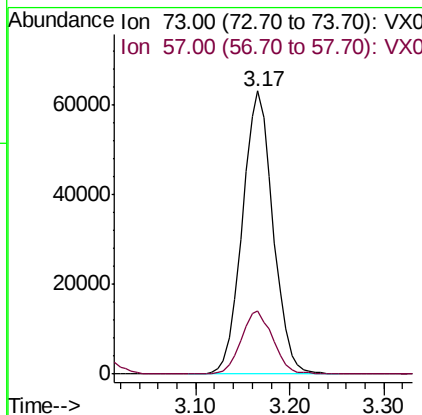
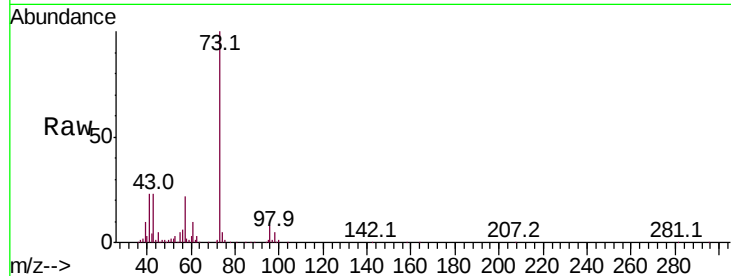


#19

Methyl tert-butyl Ether
 Concen: 18.994 ug/l
 RT: 3.17 min Scan# 341
 Delta R.T. 0.00 min
 Lab File: VX018929.D
 Acq: 13 Oct 2020 14:04

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1013WBSD01

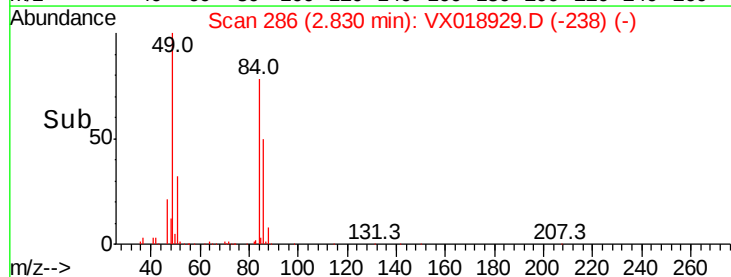
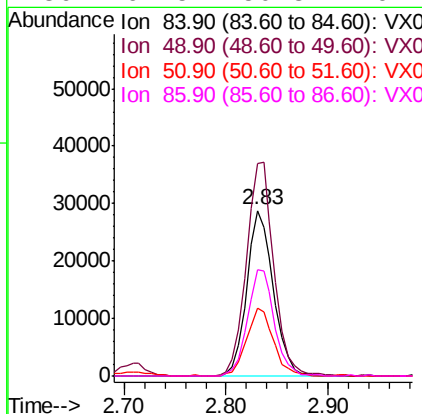
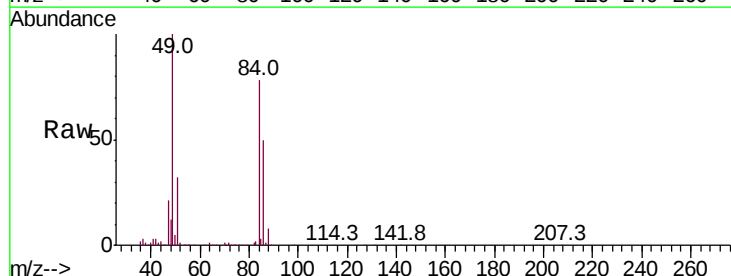
Tot Ion: 73 Resp: 143693
 Ion Ratio Lower Upper
 73 100
 57 22.4 16.7 25.1

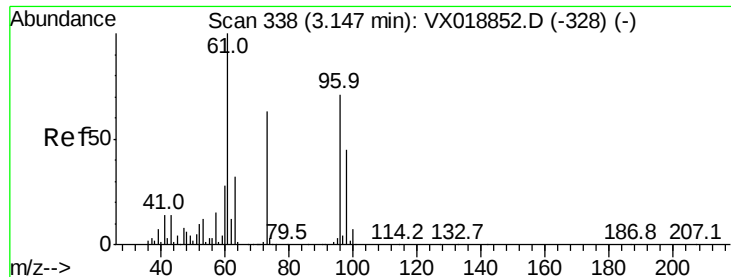


#20

Methylene Chloride
 Concen: 20.603 ug/l
 RT: 2.83 min Scan# 286
 Delta R.T. -0.01 min
 Lab File: VX018929.D
 Acq: 13 Oct 2020 14:04

Tgt Ion: 84 Resp: 52185
 Ion Ratio Lower Upper
 84 100
 49 128.1 104.8 157.2
 51 41.0 30.6 46.0
 86 64.5 50.8 76.2





#21

trans-1,2-Dichloroethene

Concen: 19.077 ug/l

RT: 3.14 min Scan# 337

Delta R.T. -0.01 min

Lab File: VX018929.D

Acq: 13 Oct 2020 14:04

Instrument :

MSVOA_X

ClientSampleId :

VX1013WBSD01

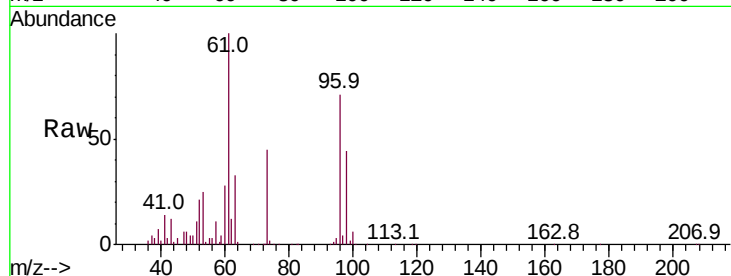
Tot Ion: 96 Resp: 49926

Ion Ratio Lower Upper

96 100

61 140.2 112.0 168.0

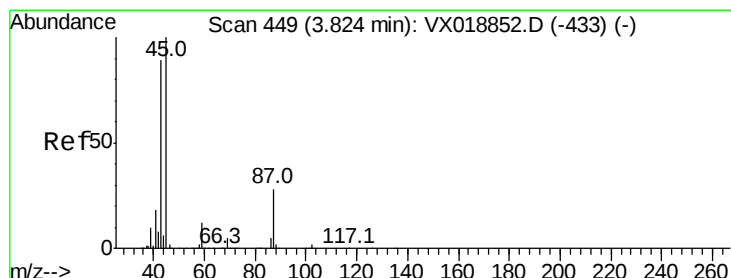
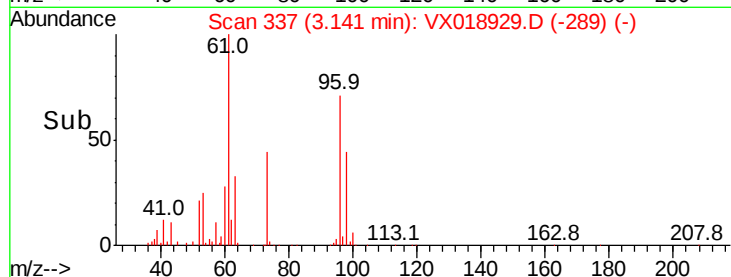
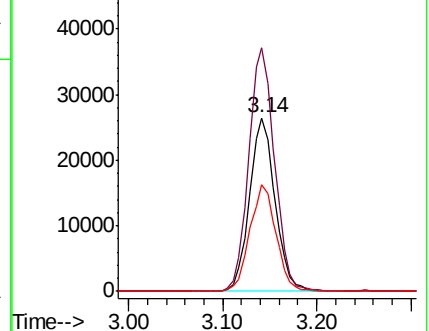
98 61.4 50.2 75.2



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 21.336 ug/l

RT: 3.82 min Scan# 448

Delta R.T. -0.01 min

Lab File: VX018929.D

Acq: 13 Oct 2020 14:04

Tgt Ion: 45 Resp: 156213

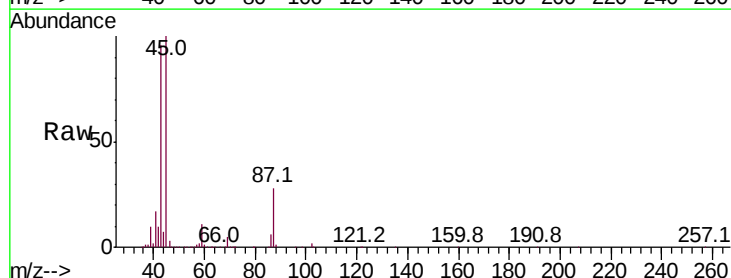
Ion Ratio Lower Upper

45 100

43 94.6 71.2 106.8

87 28.2 22.5 33.7

59 11.0 9.2 13.8

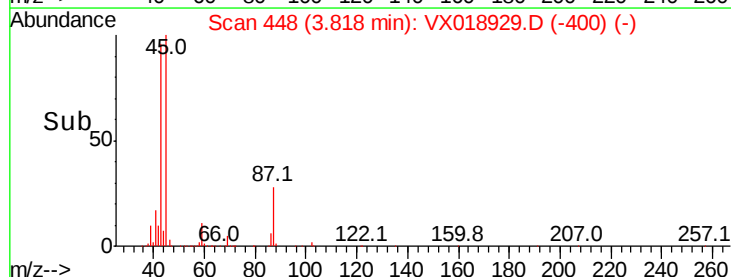
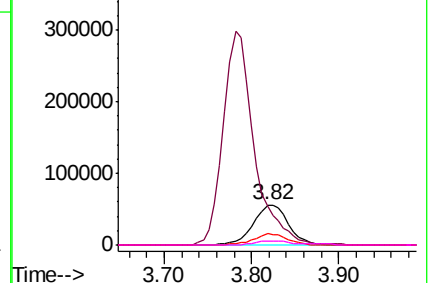


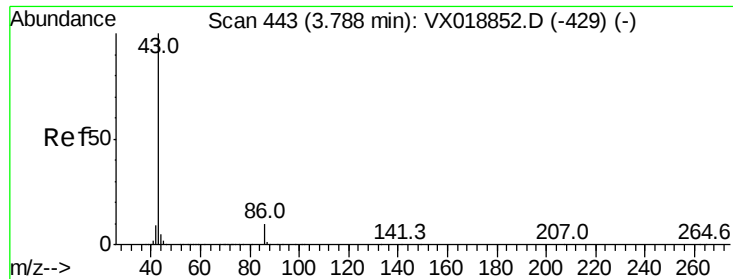
Abundance Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 104.811 ug/l

RT: 3.78 min Scan# 442

Delta R.T. -0.01 min

Lab File: VX018929.D

Acq: 13 Oct 2020 14:04

Instrument :

MSVOA_X

ClientSampleId :

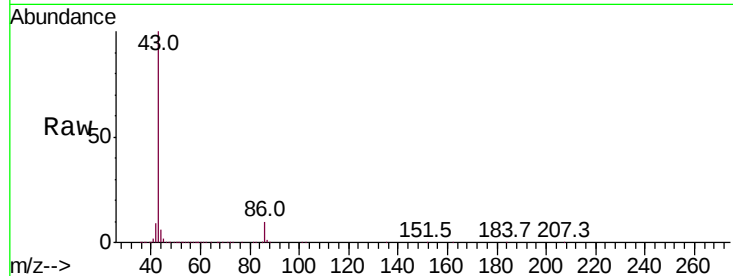
VX1013WBSD01

Tot Ion: 43 Resp: 738021

Ion Ratio Lower Upper

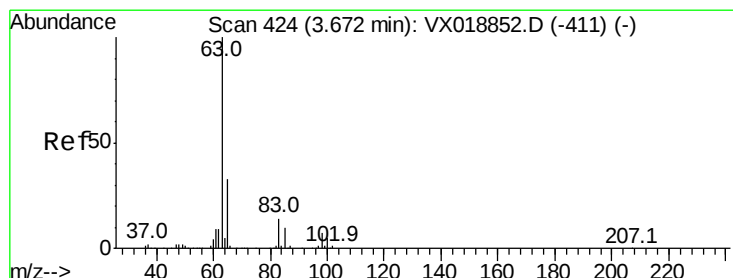
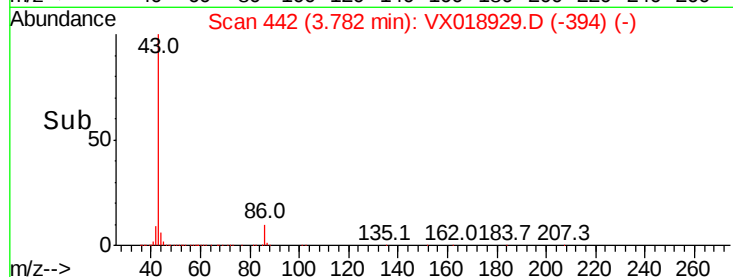
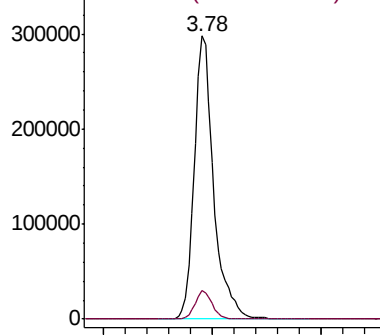
43 100

86 10.2 8.3 12.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 19.097 ug/l

RT: 3.67 min Scan# 423

Delta R.T. -0.01 min

Lab File: VX018929.D

Acq: 13 Oct 2020 14:04

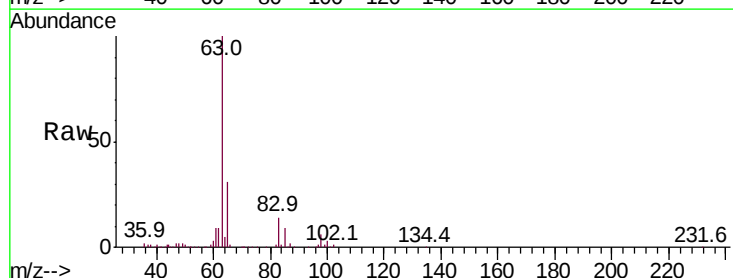
Tgt Ion: 63 Resp: 94006

Ion Ratio Lower Upper

63 100

98 6.3 3.8 11.2

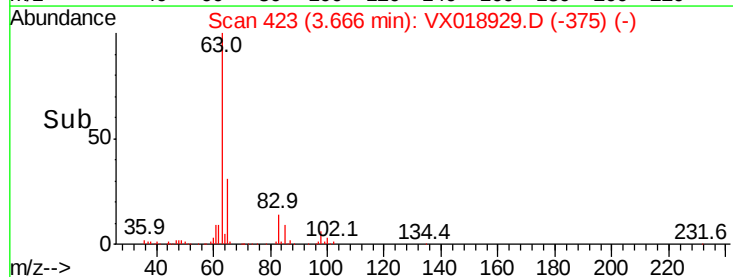
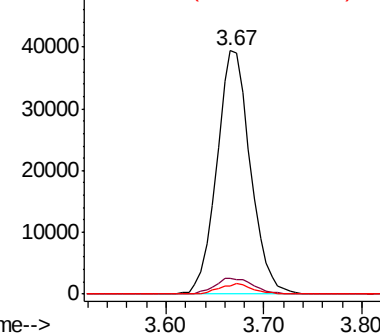
100 3.2 2.5 7.6

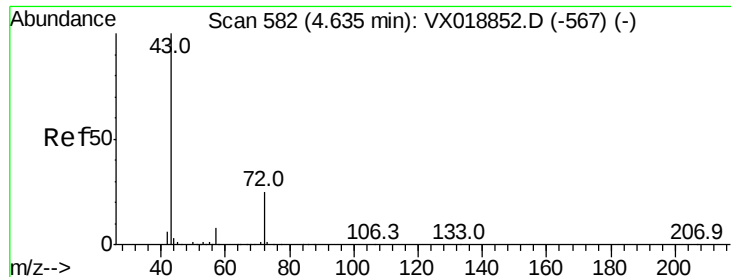


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 96.617 ug/l

RT: 4.63 min Scan# 581

Delta R.T. -0.01 min

Lab File: VX018929.D

Acq: 13 Oct 2020 14:04

Instrument :

MSVOA_X

ClientSampleId :

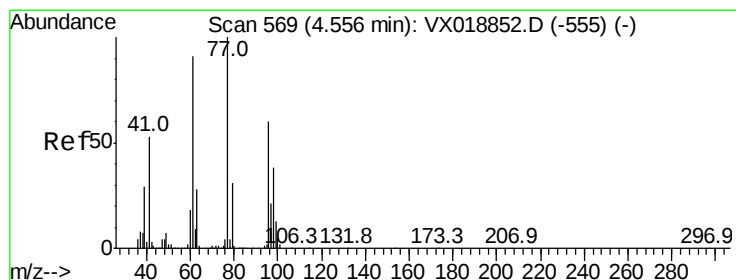
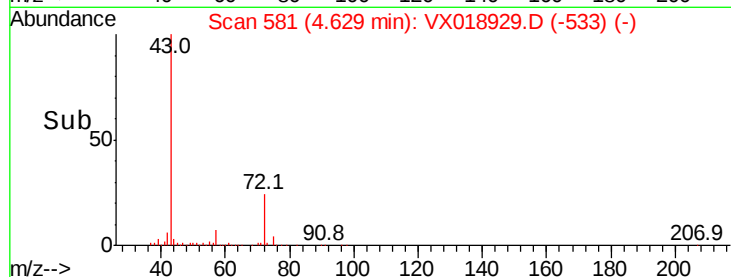
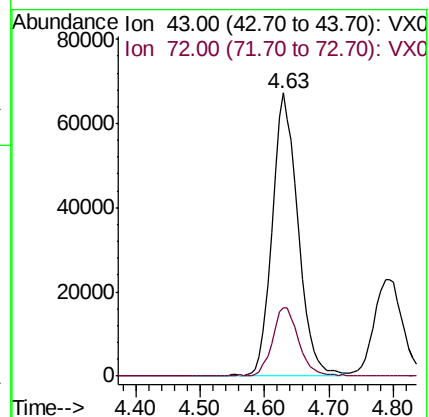
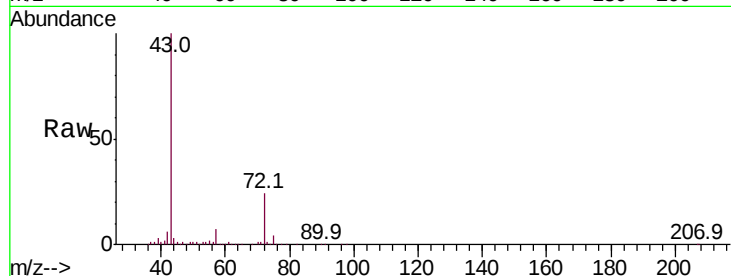
VX1013WBSD01

Tot Ion: 43 Resp: 188572

Ion Ratio Lower Upper

43 100

72 24.2 20.2 30.4



#26

2,2-Dichloropropane

Concen: 17.255 ug/l

RT: 4.55 min Scan# 568

Delta R.T. -0.01 min

Lab File: VX018929.D

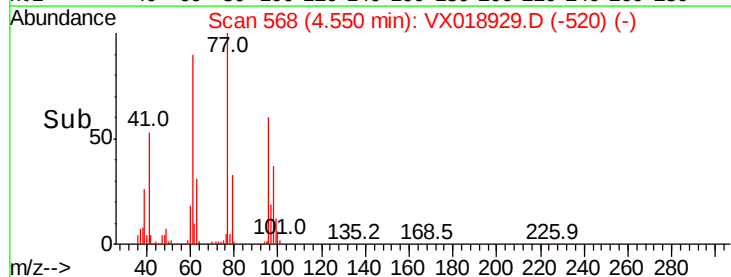
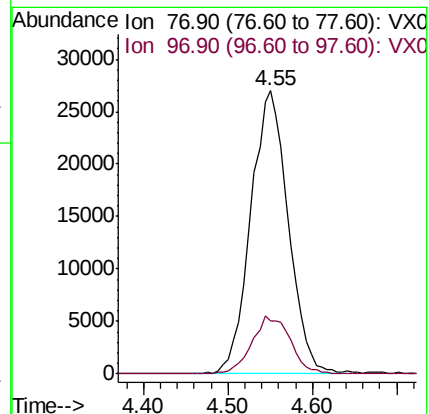
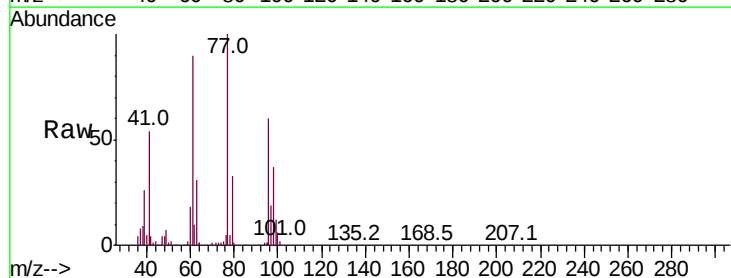
Acq: 13 Oct 2020 14:04

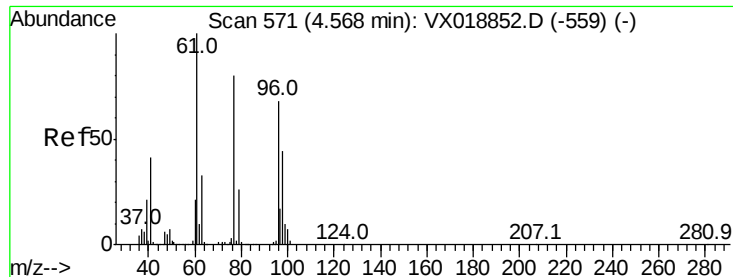
Tgt Ion: 77 Resp: 81953

Ion Ratio Lower Upper

77 100

97 20.9 10.4 31.4



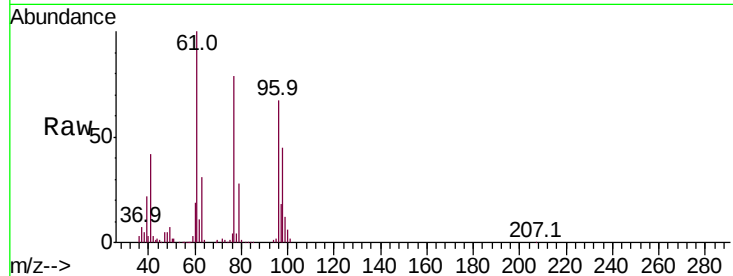


#27

cis-1,2-Dichloroethene
Concen: 18.024 ug/l
RT: 4.56 min Scan# 570
Delta R.T. -0.01 min
Lab File: VX018929.D
Acq: 13 Oct 2020 14:04

Instrument :
MSVOA_X
ClientSampleId :
VX1013WBSD01

Tot Ion	Ratio	Lower	Upper
96	100		
61	155.8	0.0	306.8
98	66.4	0.0	130.2

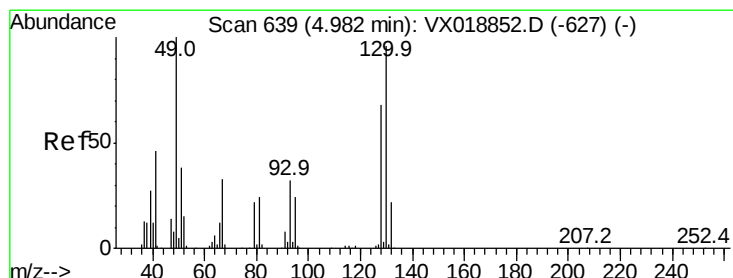
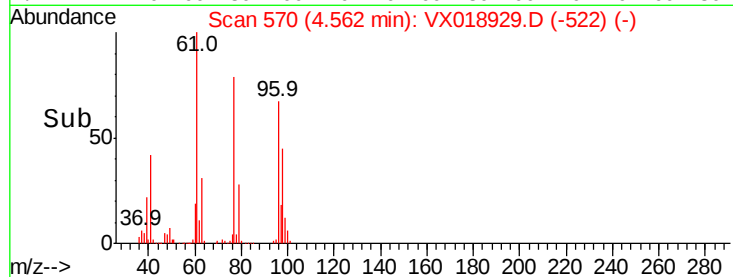
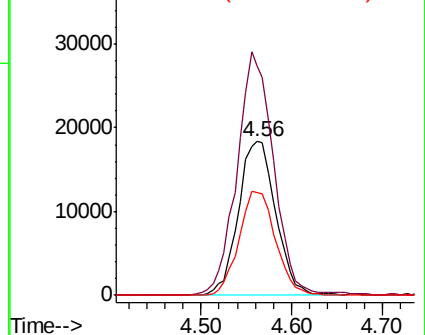


Abundance

Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

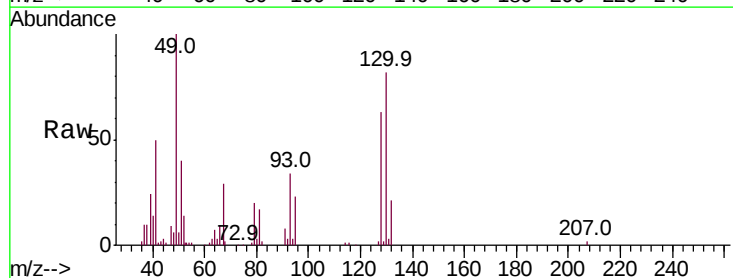
Ion 97.90 (97.60 to 98.60): VX0



#28

Bromochloromethane
Concen: 19.068 ug/l
RT: 4.98 min Scan# 638
Delta R.T. -0.01 min
Lab File: VX018929.D
Acq: 13 Oct 2020 14:04

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.4	0.0	5.4
130	84.4	71.2	106.8

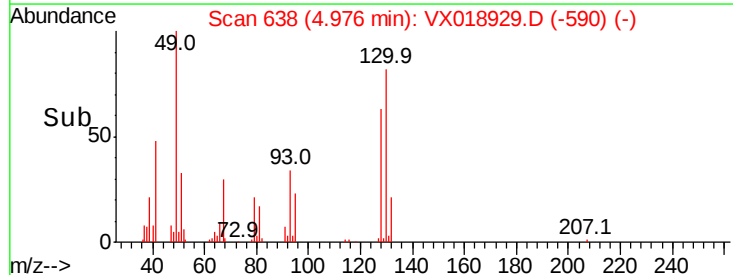
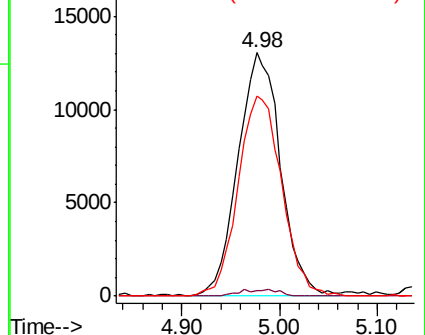


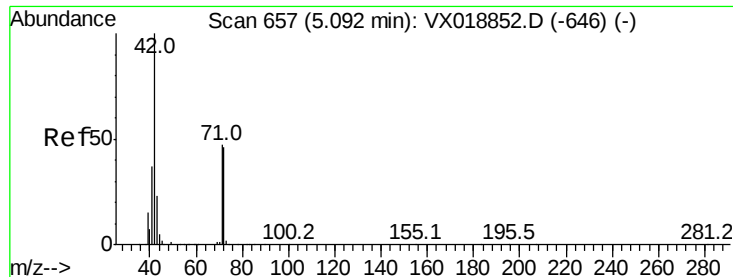
Abundance

Ion 48.90 (48.60 to 49.60): VX0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V





#29

Tetrahydrofuran

Concen: 98.403 ug/l

RT: 5.09 min Scan# 656

Delta R.T. -0.01 min

Lab File: VX018929.D

Acq: 13 Oct 2020 14:04

Instrument :

MSVOA_X

ClientSampleId :

VX1013WBSD01

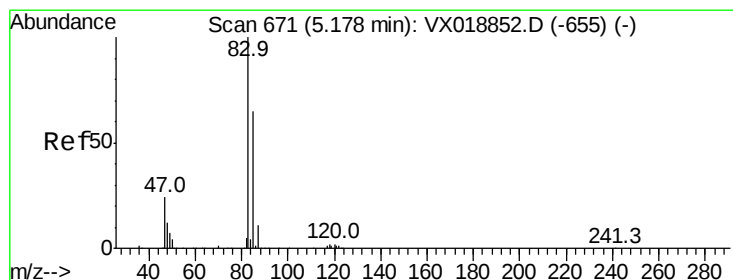
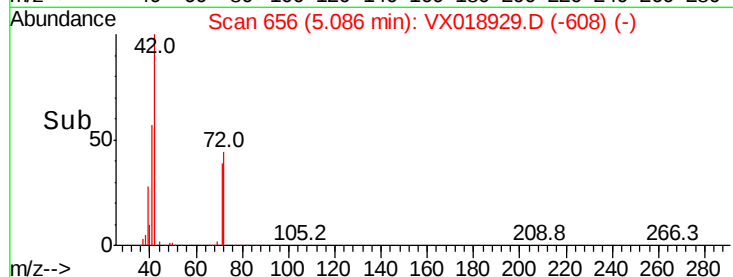
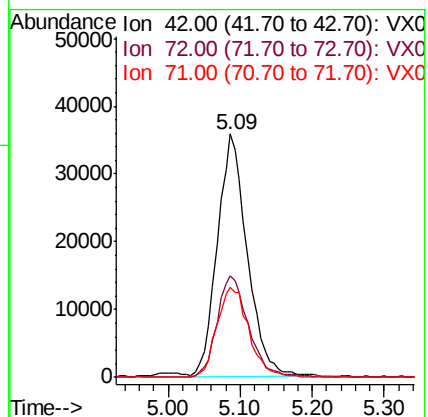
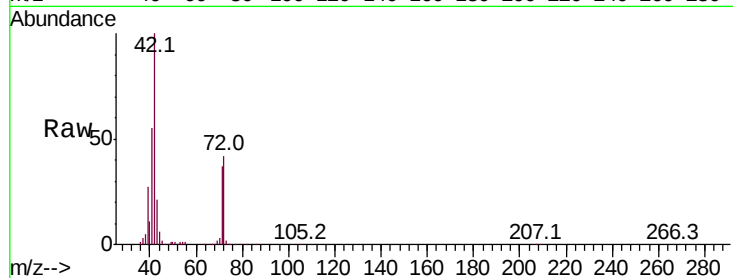
Tot Ion: 42 Resp: 103043

Ion Ratio Lower Upper

42 100

72 44.3 36.4 54.6

71 39.8 35.2 52.8



#30

Chloroform

Concen: 17.398 ug/l

RT: 5.17 min Scan# 670

Delta R.T. -0.01 min

Lab File: VX018929.D

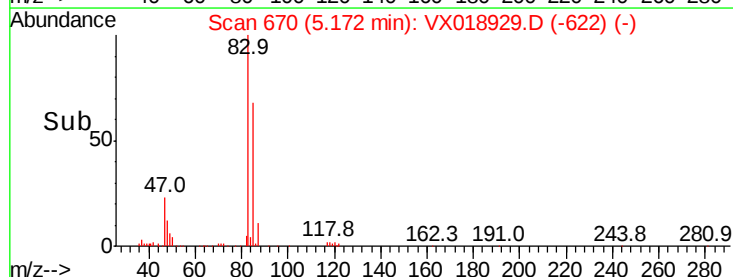
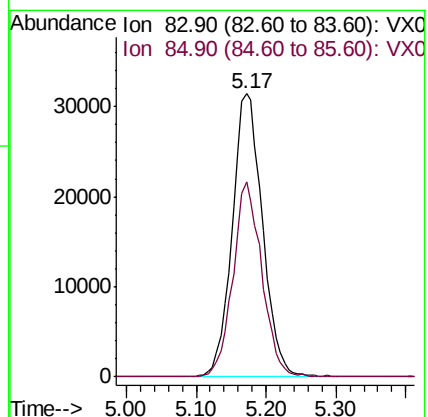
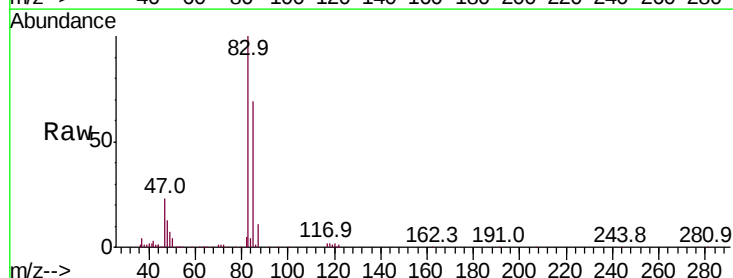
Acq: 13 Oct 2020 14:04

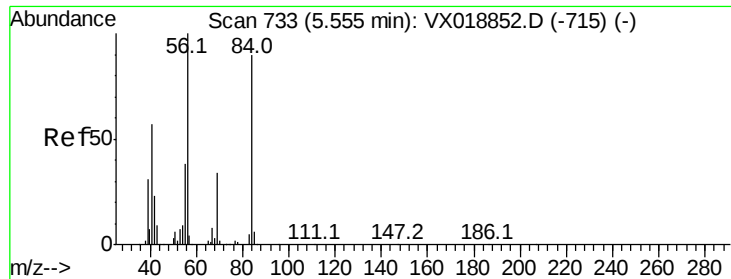
Tgt Ion: 83 Resp: 94356

Ion Ratio Lower Upper

83 100

85 68.8 51.8 77.8

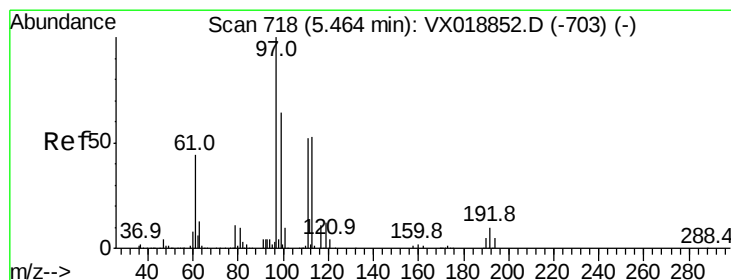
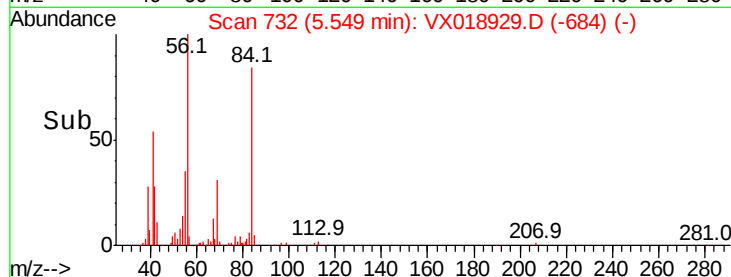
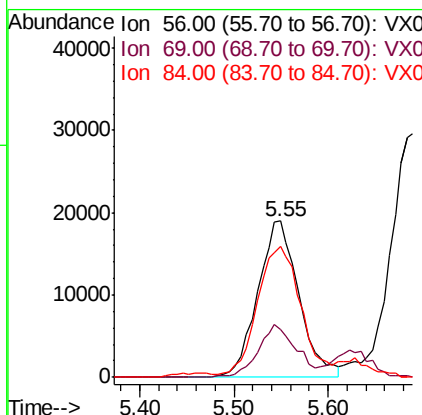
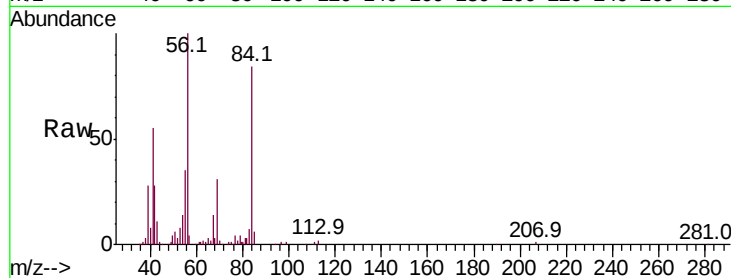




#31
Cyclohexane
Concen: 17.246 ug/l
RT: 5.55 min Scan# 732
Delta R.T. -0.01 min
Lab File: VX018929.D
Acq: 13 Oct 2020 14:04

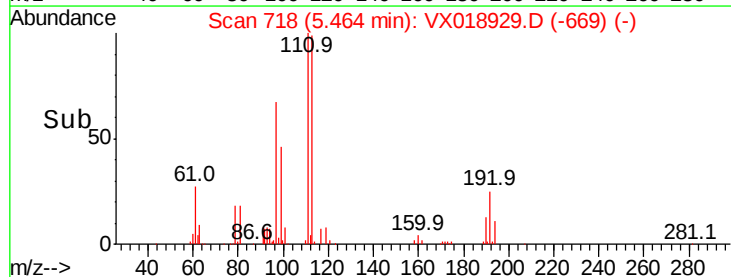
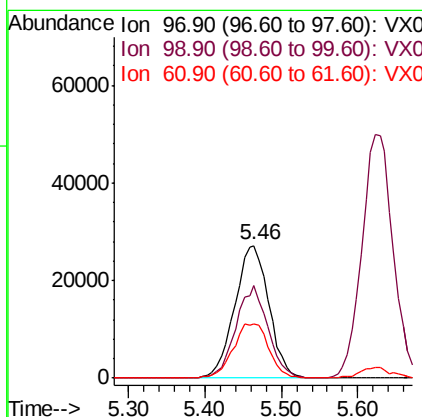
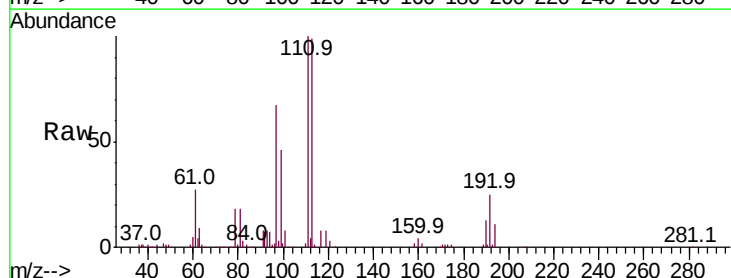
Instrument :
MSVOA_X
ClientSampleId :
VX1013WBSD01

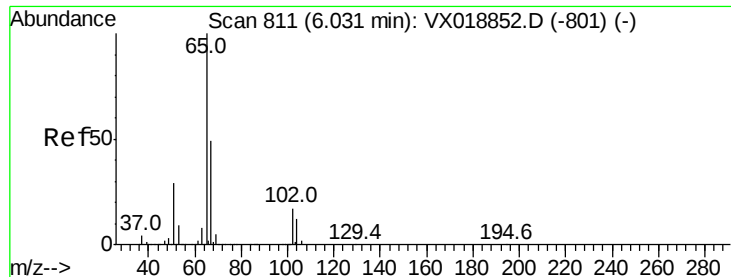
Tot Ion: 56 Resp: 58044
Ion Ratio Lower Upper
56 100
69 30.8 27.1 40.7
84 82.2 71.7 107.5



#32
1,1,1-Trichloroethane
Concen: 16.299 ug/l
RT: 5.46 min Scan# 718
Delta R.T. 0.00 min
Lab File: VX018929.D
Acq: 13 Oct 2020 14:04

Tgt Ion: 97 Resp: 84006
Ion Ratio Lower Upper
97 100
99 65.5 52.1 78.1
61 42.9 35.3 52.9





#33

1,2-Dichloroethane-d4

Concen: 44.111 ug/l

RT: 6.03 min Scan# 811

Delta R.T. 0.00 min

Lab File: VX018929.D

Acq: 13 Oct 2020 14:04

Instrument :

MSVOA_X

ClientSampleId :

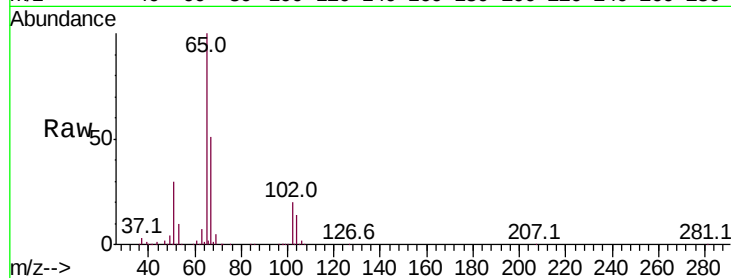
VX1013WBSD01

Tot Ion: 65 Resp: 158949

Ion Ratio Lower Upper

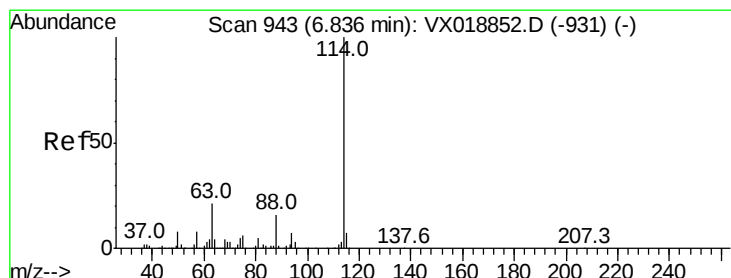
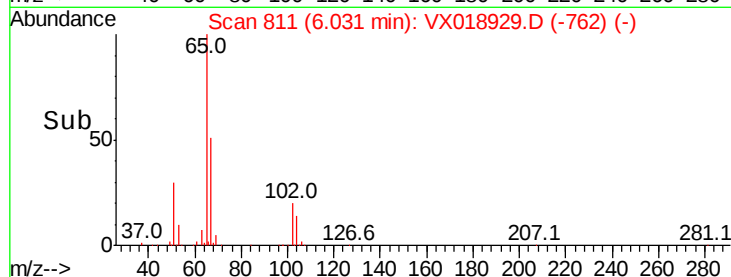
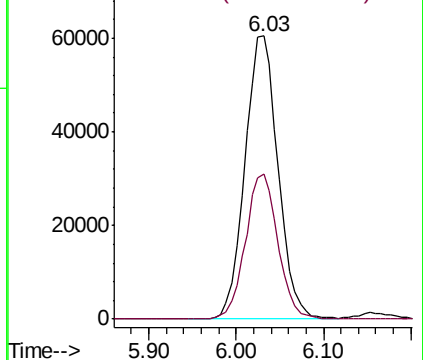
65 100

67 50.3 0.0 97.0



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. -0.01 min

Lab File: VX018929.D

Acq: 13 Oct 2020 14:04

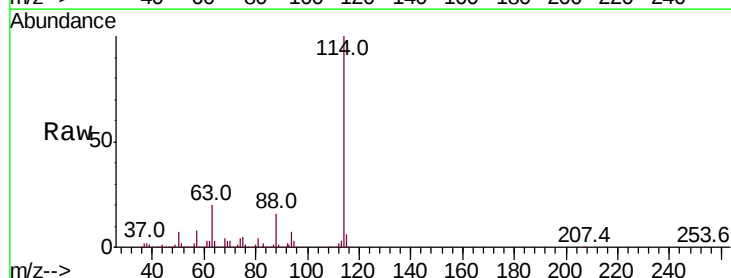
Tgt Ion:114 Resp: 354075

Ion Ratio Lower Upper

114 100

63 20.0 0.0 42.4

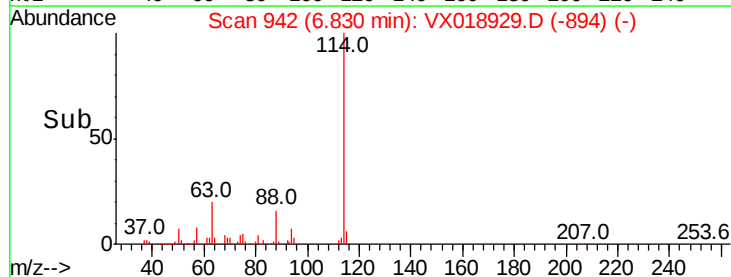
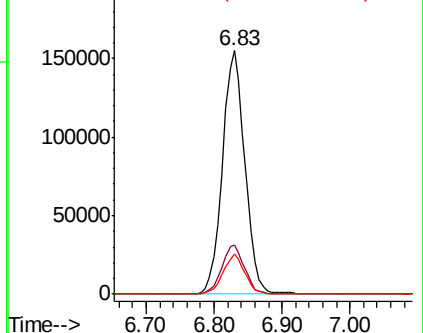
88 16.3 0.0 32.6

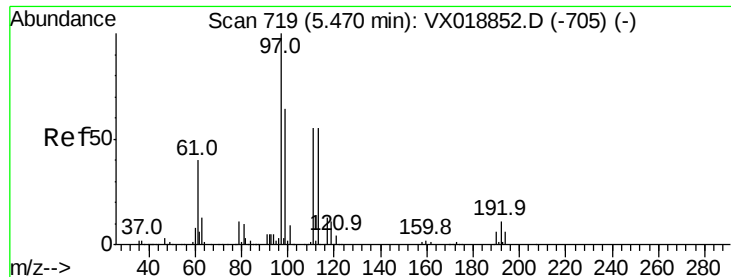


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 47.191 ug/l

RT: 5.46 min Scan# 718

Delta R.T. -0.01 min

Lab File: VX018929.D

Acq: 13 Oct 2020 14:04

Instrument :

MSVOA_X

ClientSampleId :

VX1013WBSD01

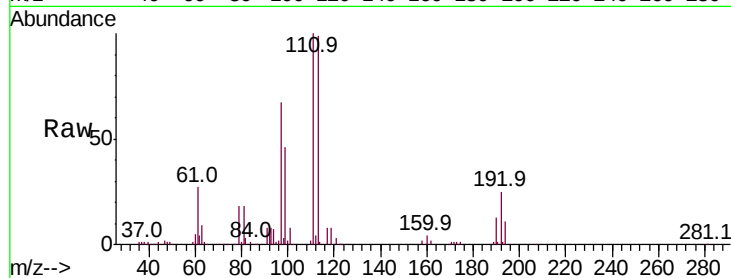
Tot Ion:113 Resp: 119079

Ion Ratio Lower Upper

113 100

111 100.4 80.1 120.1

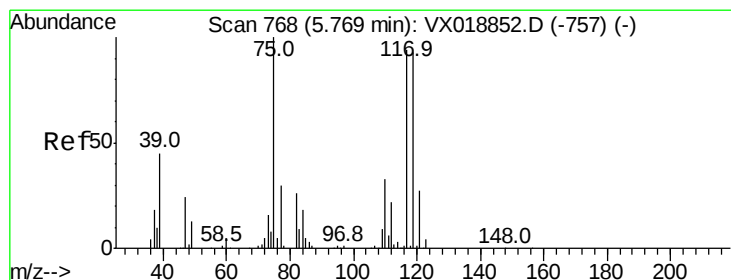
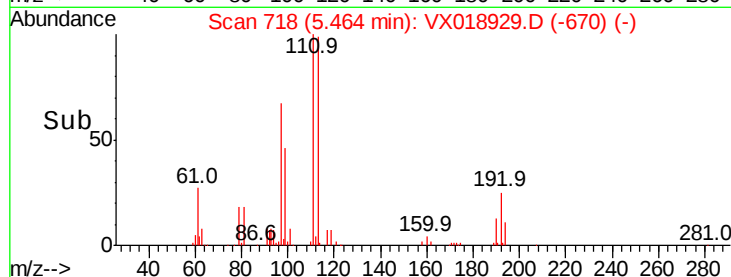
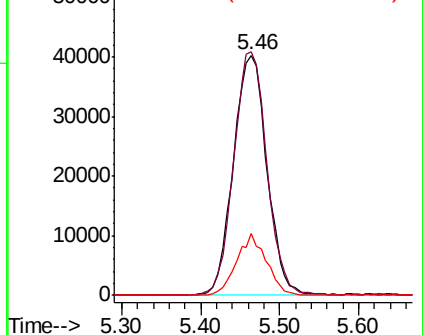
192 22.9 16.0 24.0



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 17.427 ug/l

RT: 5.76 min Scan# 767

Delta R.T. -0.01 min

Lab File: VX018929.D

Acq: 13 Oct 2020 14:04

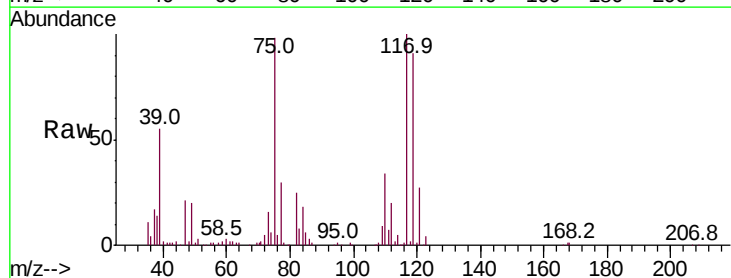
Tgt Ion: 75 Resp: 64875

Ion Ratio Lower Upper

75 100

110 33.9 17.8 53.5

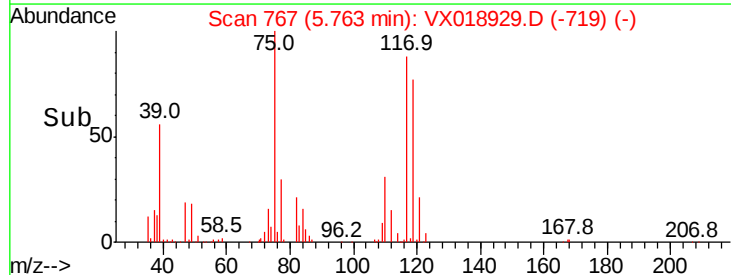
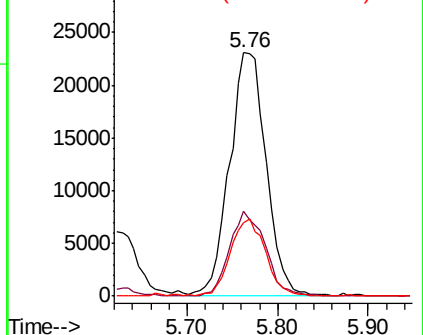
77 30.6 24.2 36.4

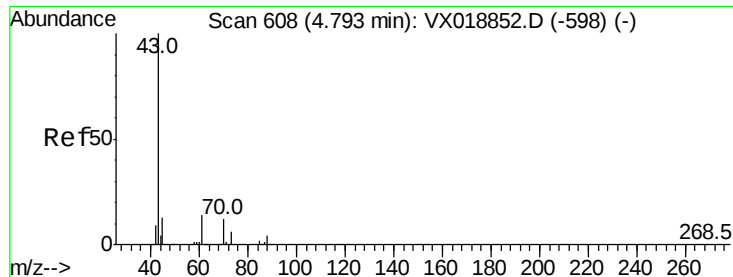


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

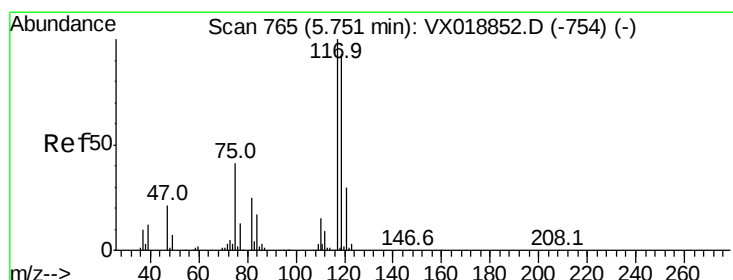
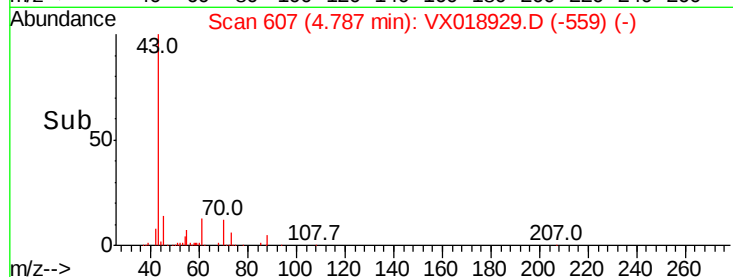
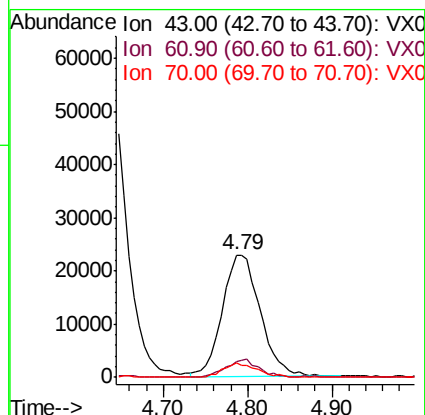
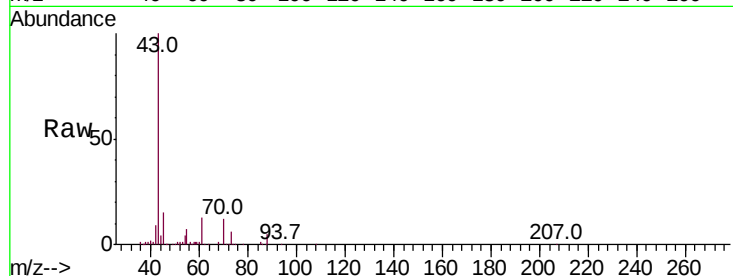




#37
Ethyl Acetate
Concen: 19.377 ug/l
RT: 4.79 min Scan# 607
Delta R.T. -0.01 min
Lab File: VX018929.D
Acq: 13 Oct 2020 14:04

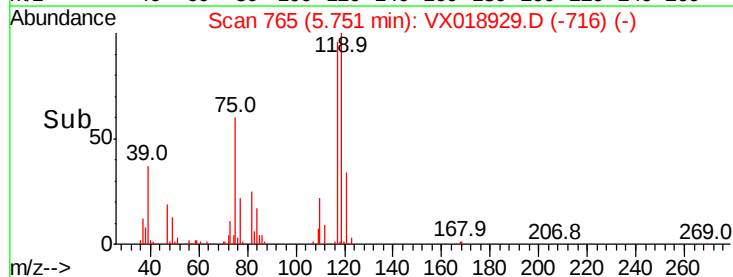
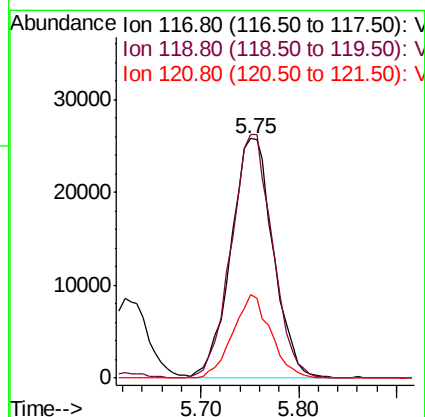
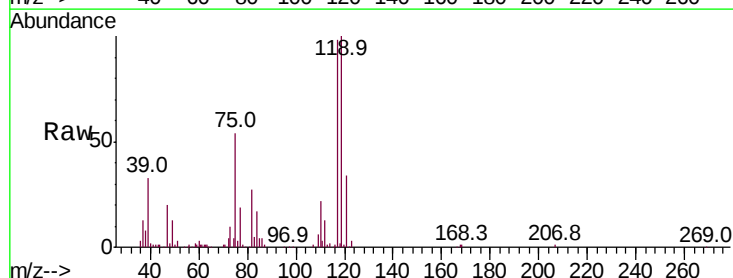
Instrument :
MSVOA_X
ClientSampleId :
VX1013WBSD01

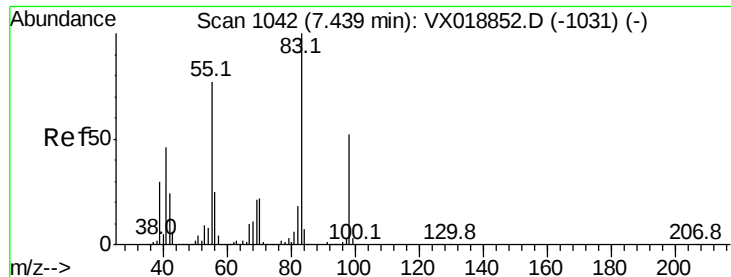
Tot Ion: 43 Resp: 69659
Ion Ratio Lower Upper
43 100
61 13.5 10.9 16.3
70 10.9 8.6 13.0



#38
Carbon Tetrachloride
Concen: 16.792 ug/l
RT: 5.75 min Scan# 765
Delta R.T. 0.00 min
Lab File: VX018929.D
Acq: 13 Oct 2020 14:04

Tgt Ion: 117 Resp: 77480
Ion Ratio Lower Upper
117 100
119 101.6 73.9 110.9
121 34.7 23.6 35.4

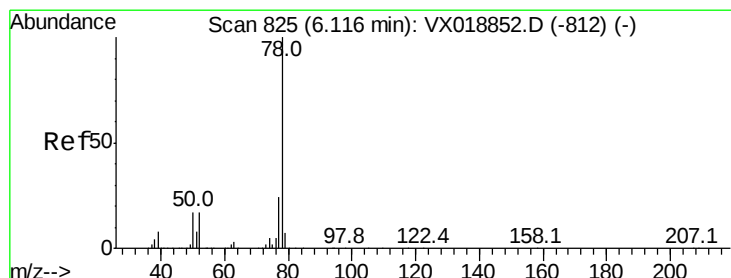
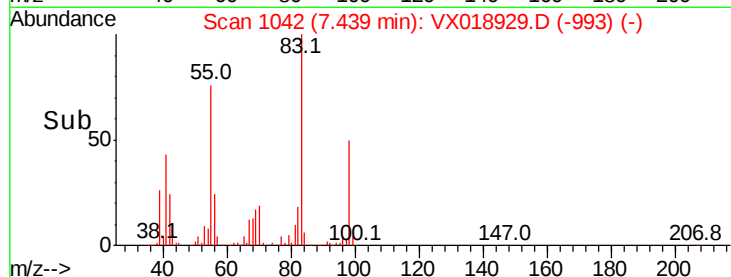
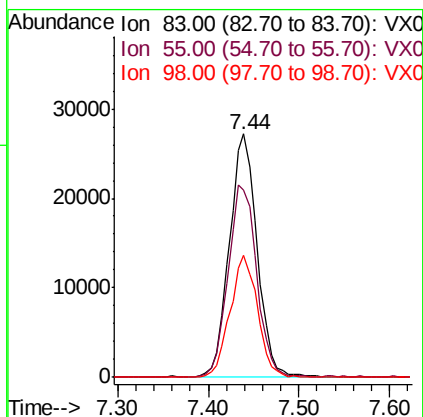
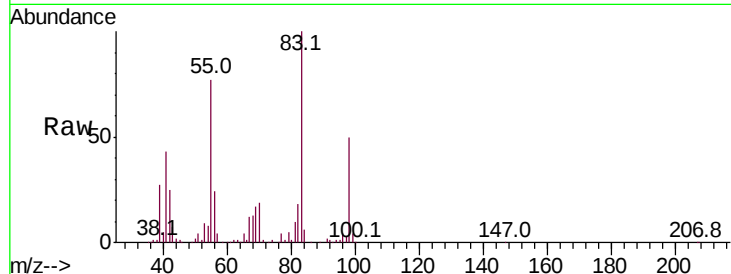




#39
Methvlcvclohexane
Concen: 16.884 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. 0.00 min
Lab File: VX018929.D
Acq: 13 Oct 2020 14:04

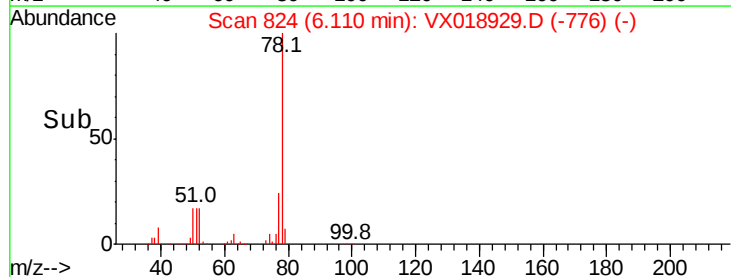
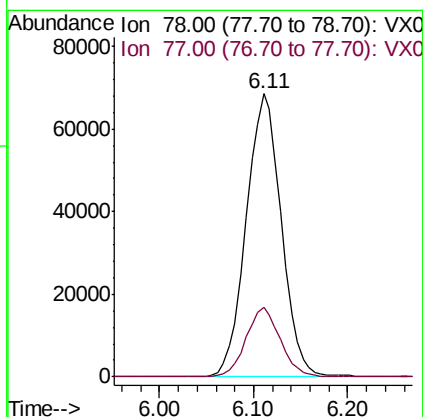
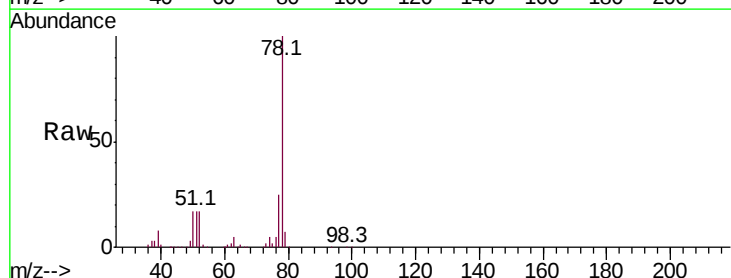
Instrument :
MSVOA_X
ClientSampleId :
VX1013WBSD01

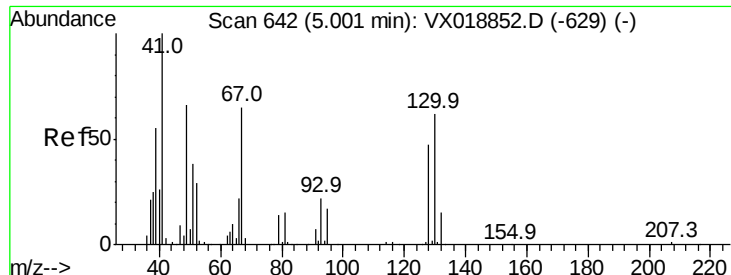
Tot Ion	83	Resp	57941
Ion Ratio	100	Lower	Upper
55	76.8	61.8	92.6
98	50.0	41.4	62.0



#40
Benzene
Concen: 17.887 ug/l
RT: 6.11 min Scan# 824
Delta R.T. -0.01 min
Lab File: VX018929.D
Acq: 13 Oct 2020 14:04

Tgt Ion	78	Resp	178902
Ion Ratio	100	Lower	Upper
77	24.6	19.1	28.7

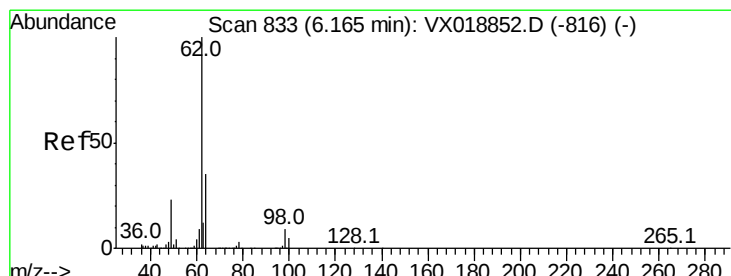
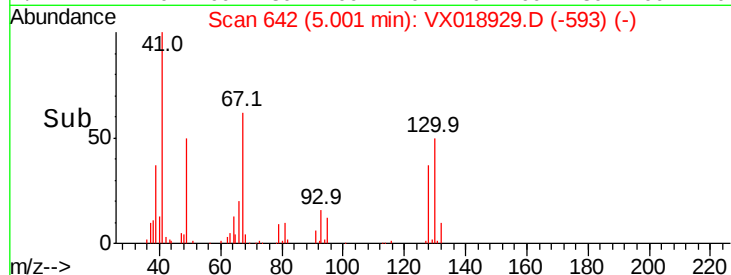
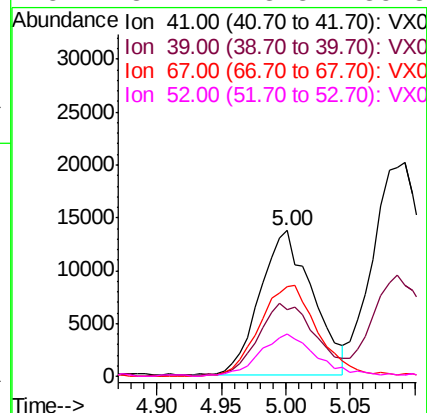
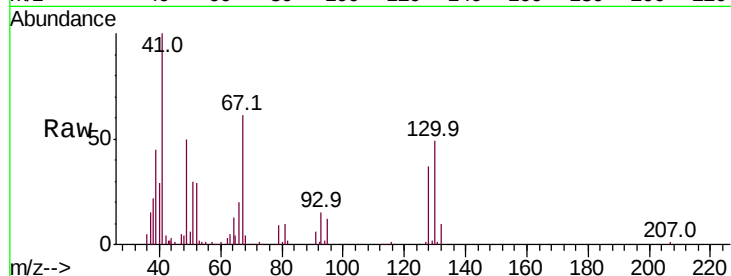




#41
Methacrylonitrile
Concen: 18.662 ug/l
RT: 5.00 min Scan# 642
Delta R.T. 0.00 min
Lab File: VX018929.D
Acq: 13 Oct 2020 14:04

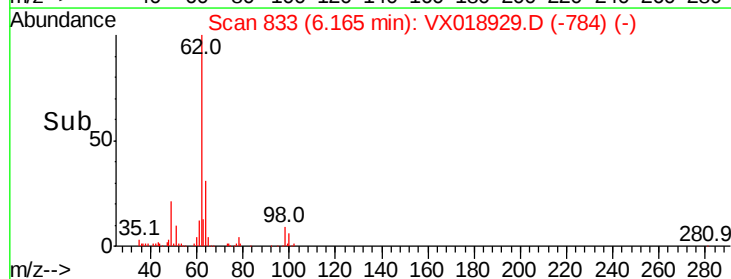
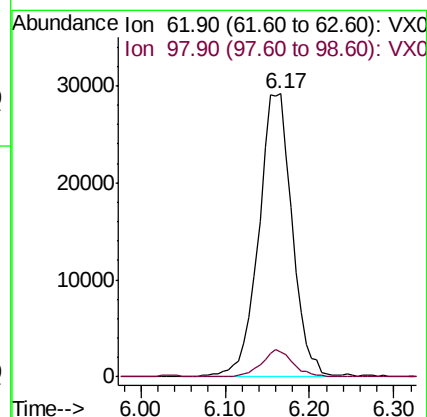
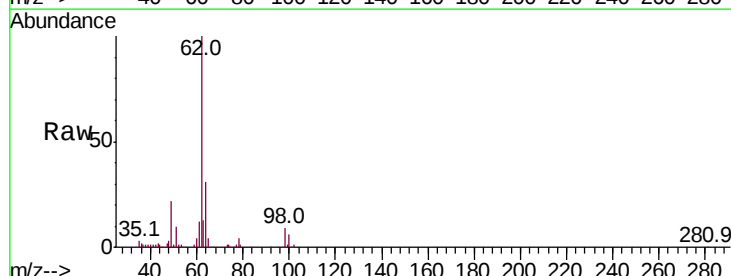
Instrument :
MSVOA_X
ClientSampleId :
VX1013WBSD01

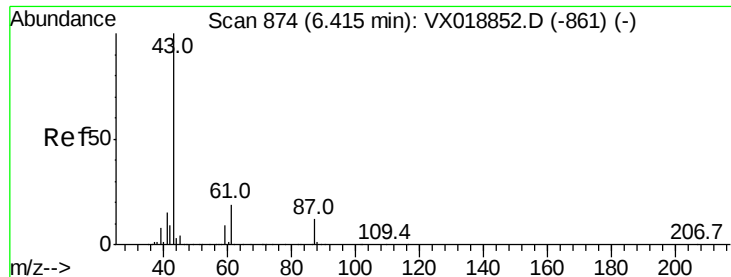
Tot Ion:	41	Resp:	38919
Ion	Ratio	Lower	Upper
41	100		
39	53.3	45.4	68.2
67	69.4	55.4	83.2
52	31.7	23.8	35.8



#42
1,2-Dichloroethane
Concen: 17.017 ug/l
RT: 6.17 min Scan# 833
Delta R.T. 0.00 min
Lab File: VX018929.D
Acq: 13 Oct 2020 14:04

Tgt Ion:	62	Resp:	79794
Ion	Ratio	Lower	Upper
62	100		
98	8.9	0.0	16.4





#43

Isopropyl Acetate

Concen: 17.444 ug/l

RT: 6.41 min Scan# 873

Delta R.T. -0.01 min

Lab File: VX018929.D

Acq: 13 Oct 2020 14:04

Instrument :

MSVOA_X

ClientSampleID :

VX1013WBSD01

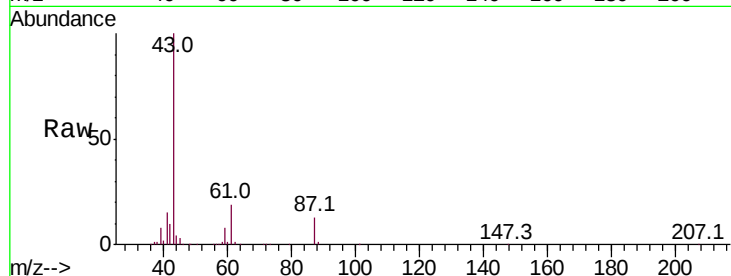
Tot Ion: 43 Resp: 104219

Ion Ratio Lower Upper

43 100

61 20.3 15.5 23.3

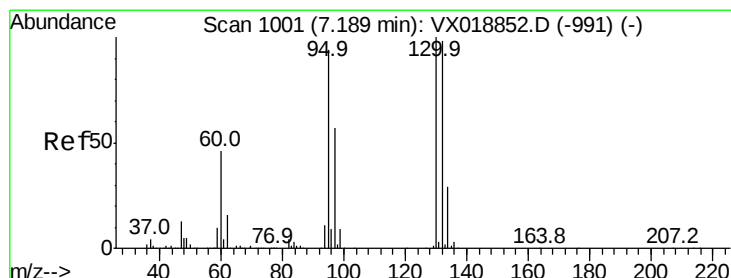
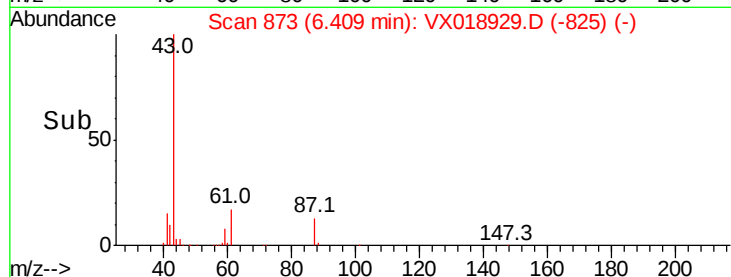
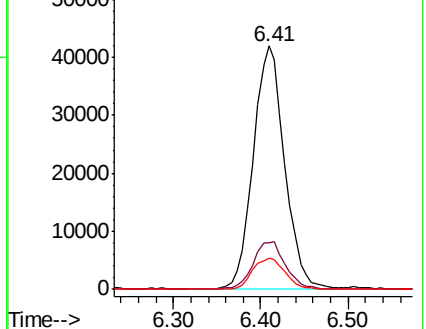
87 13.5 10.8 16.2



Abundance Ion 43.00 (42.70 to 43.70): VX018852.D (-861) (-)

Ion 61.00 (60.70 to 61.70): VX018852.D (-861) (-)

Ion 87.00 (86.70 to 87.70): VX018852.D (-861) (-)



#44

Trichloroethene

Concen: 17.201 ug/l

RT: 7.19 min Scan# 1001

Delta R.T. 0.00 min

Lab File: VX018929.D

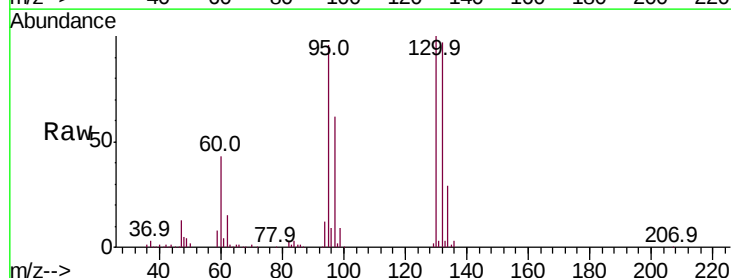
Acq: 13 Oct 2020 14:04

Tgt Ion:130 Resp: 51592

Ion Ratio Lower Upper

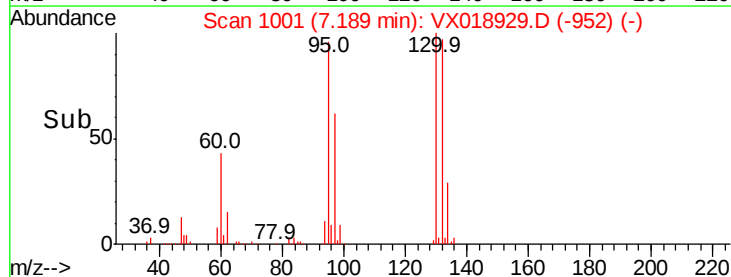
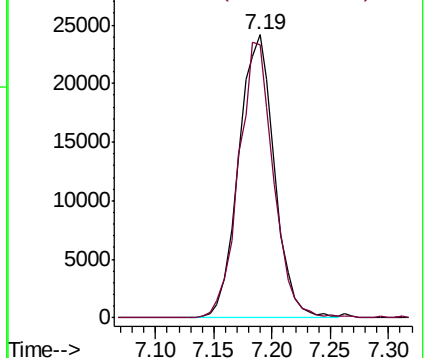
130 100

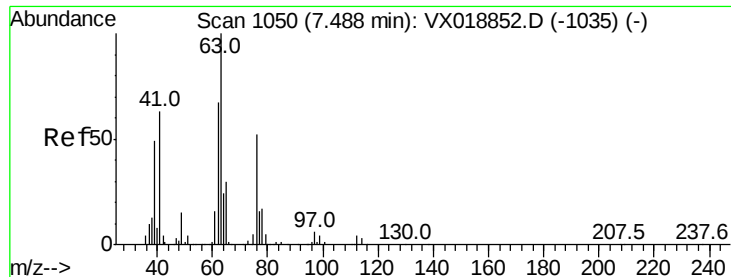
95 96.4 0.0 188.4



Abundance Ion 129.80 (129.50 to 130.50): VX018852.D (-991) (-)

Ion 94.90 (94.60 to 95.60): VX018852.D (-991) (-)





#45

1,2-Dichloropropane

Concen: 17.630 ug/l

RT: 7.49 min Scan# 1050

Delta R.T. 0.00 min

Lab File: VX018929.D

Acq: 13 Oct 2020 14:04

Instrument :

MSVOA_X

ClientSampleId :

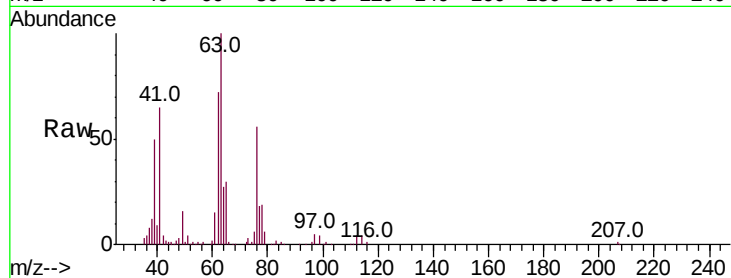
VX1013WBSD01

Tot Ion: 63 Resp: 46656

Ion Ratio Lower Upper

63 100

65 29.7 24.2 36.4



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0

7.49

25000

20000

15000

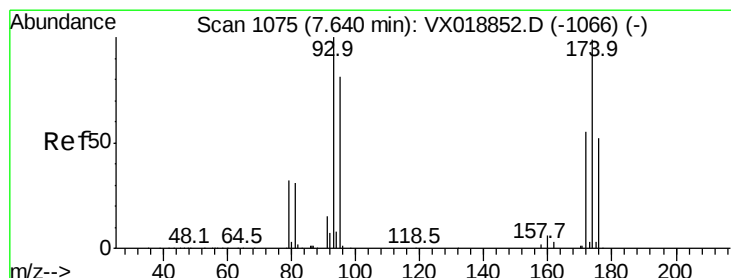
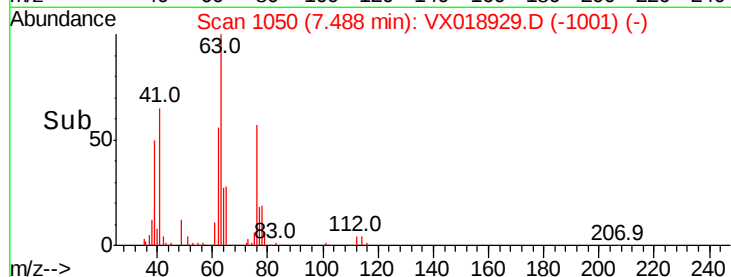
10000

5000

0

Time-->

7.40 7.50 7.60



#46

Dibromomethane

Concen: 17.526 ug/l

RT: 7.63 min Scan# 1074

Delta R.T. -0.01 min

Lab File: VX018929.D

Acq: 13 Oct 2020 14:04

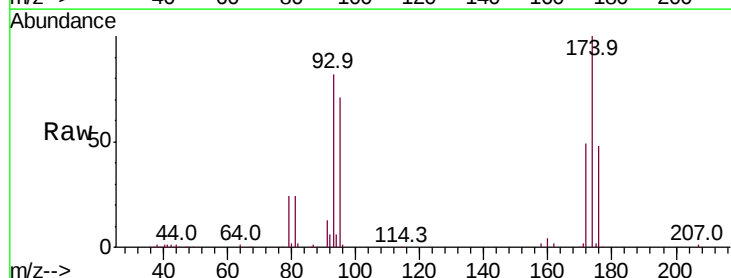
Tgt Ion: 93 Resp: 34276

Ion Ratio Lower Upper

93 100

95 81.7 66.1 99.1

174 117.3 84.6 127.0



Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V

25000

20000

15000

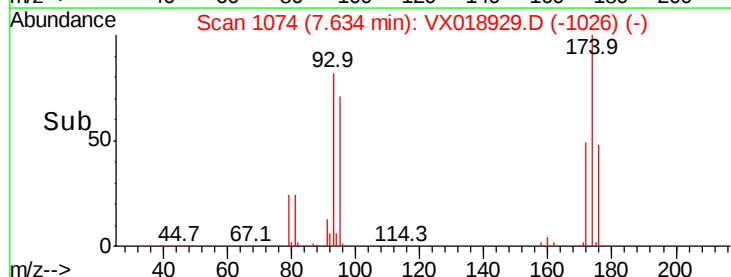
10000

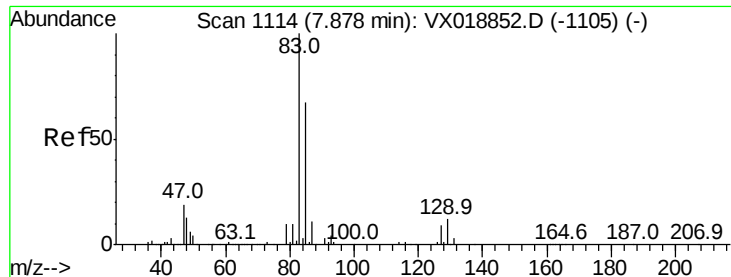
5000

0

Time-->

7.55 7.60 7.65 7.70 7.75





#47

Bromodichloromethane

Concen: 17.443 ug/l

RT: 7.87 min Scan# 1113

Delta R.T. -0.01 min

Lab File: VX018929.D

Acq: 13 Oct 2020 14:04

Instrument :

MSVOA_X

ClientSampleId :

VX1013WBSD01

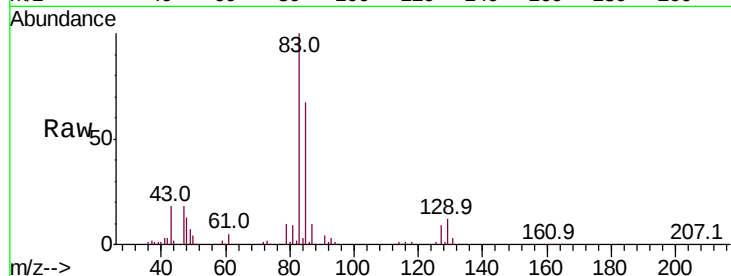
Tot Ion: 83 Resp: 73923

Ion Ratio Lower Upper

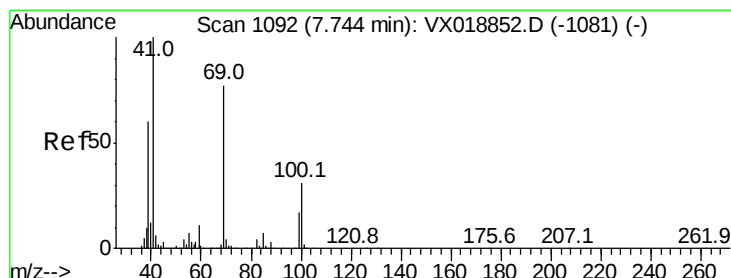
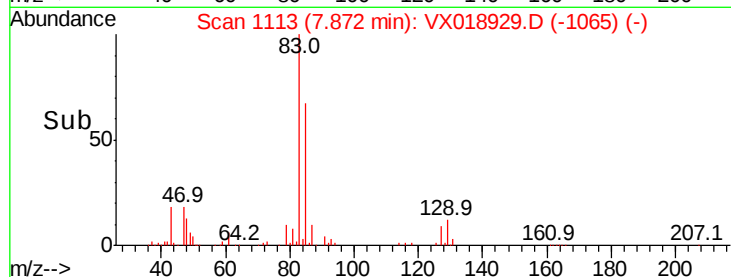
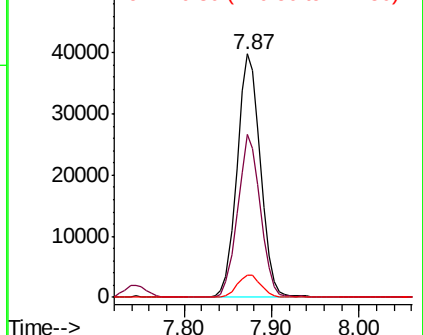
83 100

85 67.1 53.8 80.6

127 9.2 7.5 11.3



Abundance Ion 82.90 (82.60 to 83.60): VX0
Ion 84.90 (84.60 to 85.60): VX0
Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 16.723 ug/l

RT: 7.74 min Scan# 1092

Delta R.T. 0.00 min

Lab File: VX018929.D

Acq: 13 Oct 2020 14:04

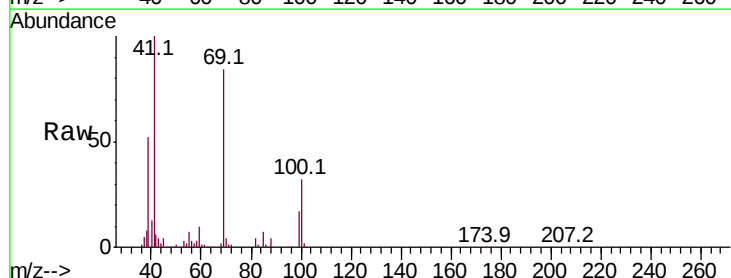
Tgt Ion: 41 Resp: 50698

Ion Ratio Lower Upper

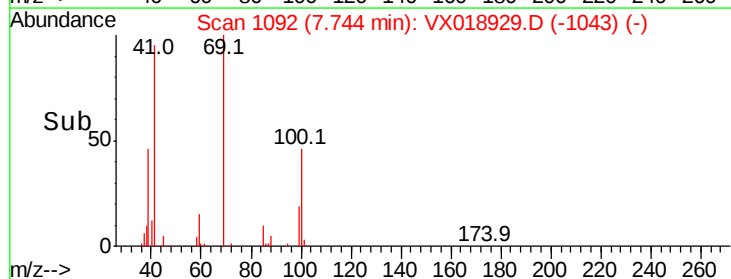
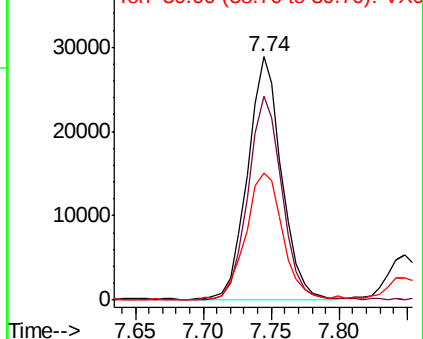
41 100

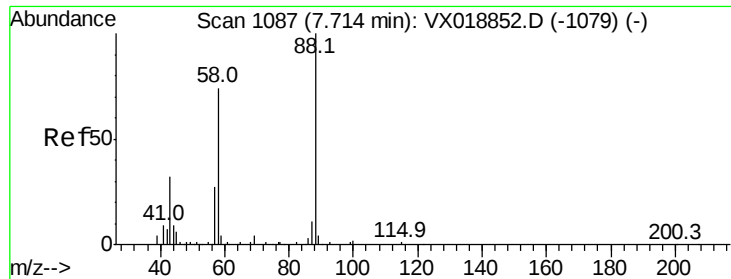
69 83.8 64.6 97.0

39 57.0 48.6 73.0



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

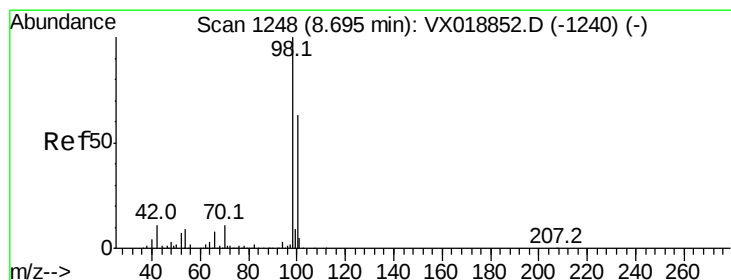
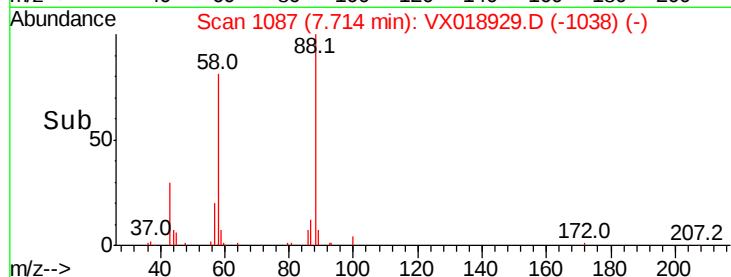
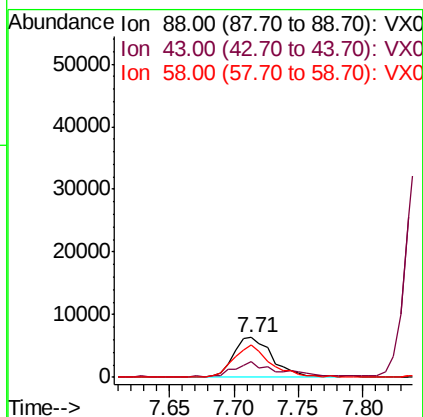
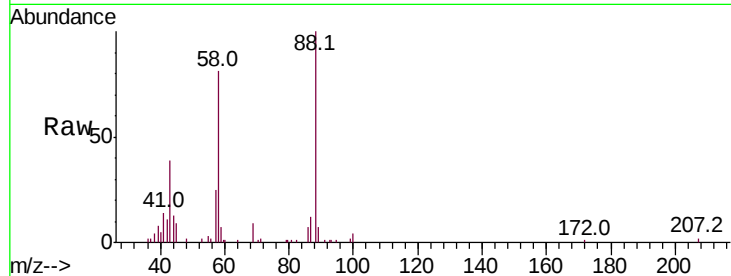




#49
1,4-Dioxane
Concen: 318.200 ug/l
RT: 7.71 min Scan# 1087
Delta R.T. 0.00 min
Lab File: VX018929.D
Acq: 13 Oct 2020 14:04

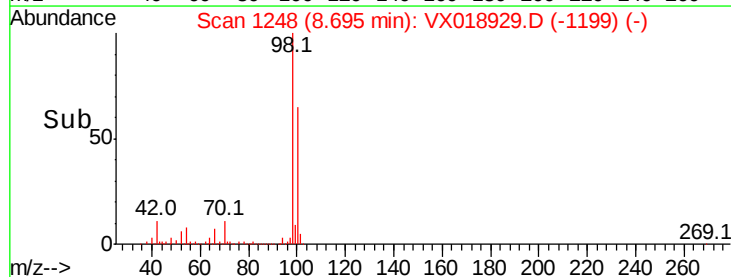
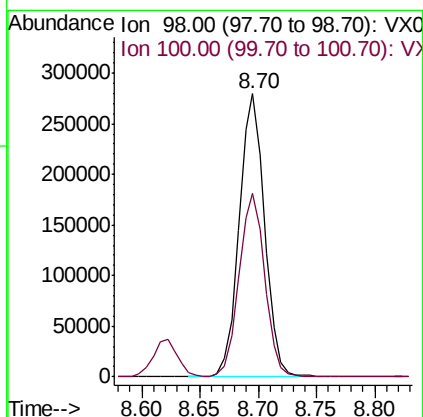
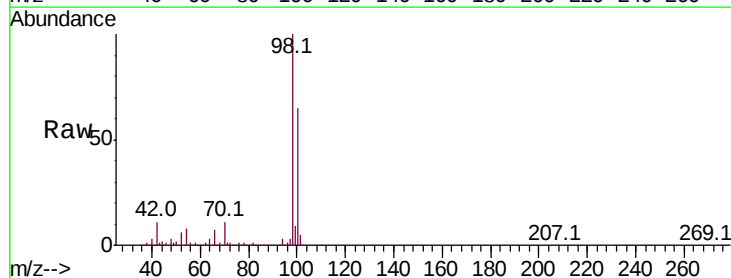
Instrument :
MSVOA_X
ClientSampleId :
VX1013WBSD01

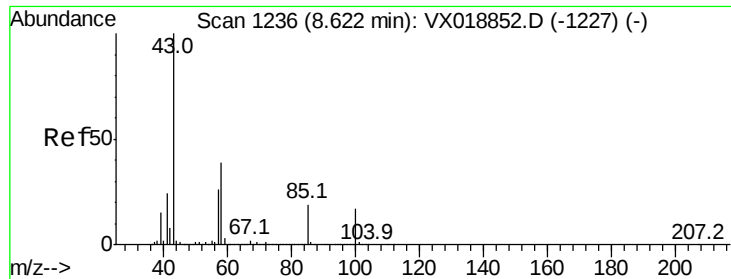
Tot Ion: 88 Resp: 13526
Ion Ratio Lower Upper
88 100
43 39.7 31.0 46.6
58 75.7 59.3 88.9



#50
Toluene-d8
Concen: 48.450 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. 0.00 min
Lab File: VX018929.D
Acq: 13 Oct 2020 14:04

Tgt Ion: 98 Resp: 424076
Ion Ratio Lower Upper
98 100
100 66.2 53.1 79.7

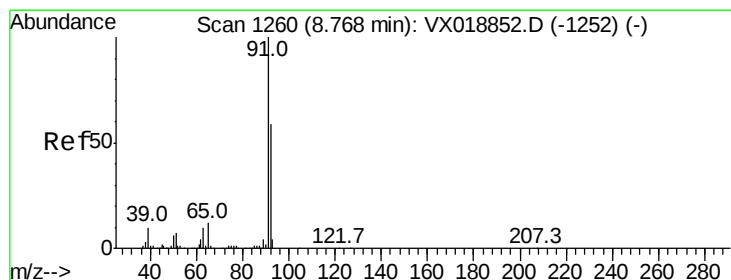
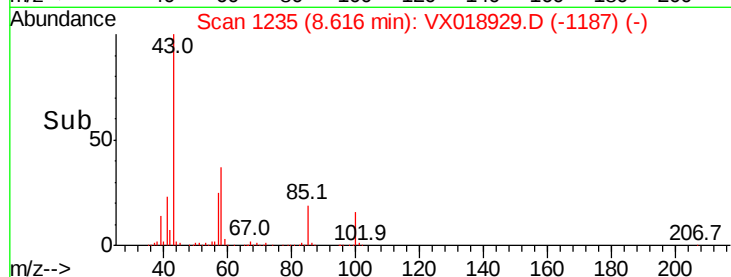
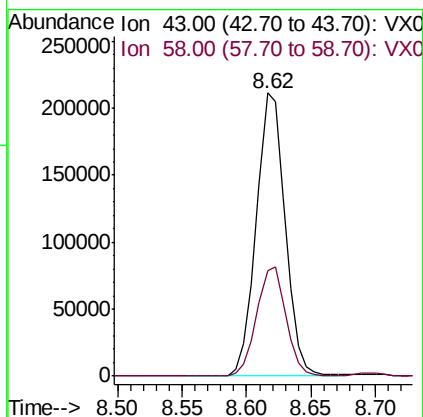
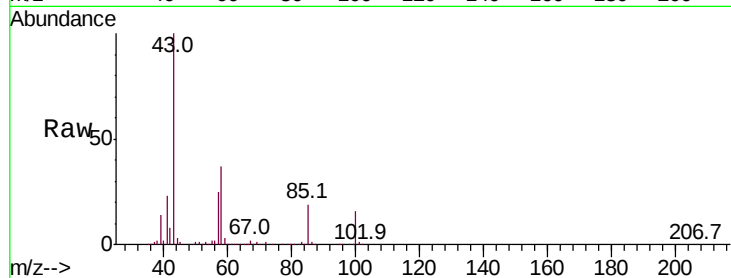




#51
4-Methyl-2-Pentanone
Concen: 93.590 ug/l
RT: 8.62 min Scan# 1235
Delta R.T. -0.01 min
Lab File: VX018929.D
Acq: 13 Oct 2020 14:04

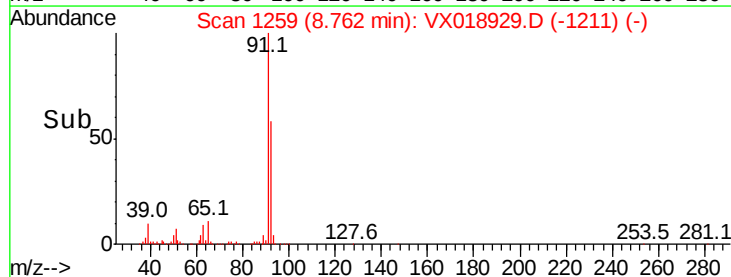
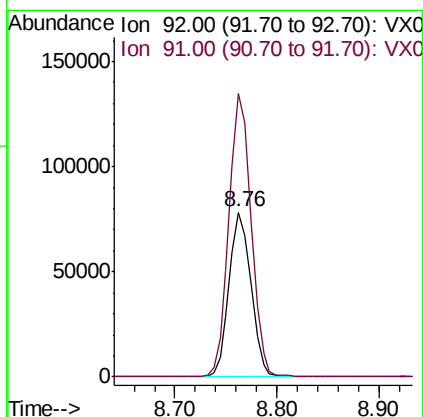
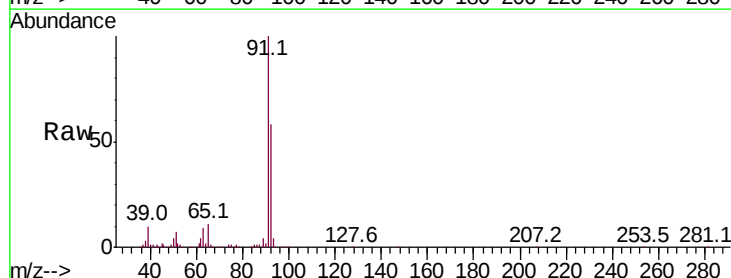
Instrument :
MSVOA_X
ClientSampleId :
VX1013WBSD01

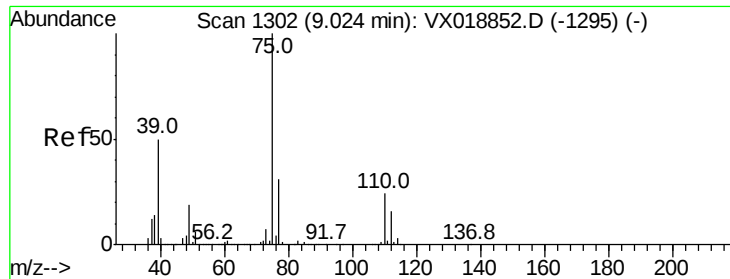
Tot Ion: 43 Resp: 326359
Ion Ratio Lower Upper
43 100
58 39.4 30.9 46.3



#52
Toluene
Concen: 18.229 ug/l
RT: 8.76 min Scan# 1259
Delta R.T. -0.01 min
Lab File: VX018929.D
Acq: 13 Oct 2020 14:04

Tgt Ion: 92 Resp: 117000
Ion Ratio Lower Upper
92 100
91 173.7 138.2 207.4





#53

t-1,3-Dichloropropene

Concen: 18.002 ug/l

RT: 9.02 min Scan# 1302

Delta R.T. 0.00 min

Lab File: VX018929.D

Acq: 13 Oct 2020 14:04

Instrument :

MSVOA_X

ClientSampleId :

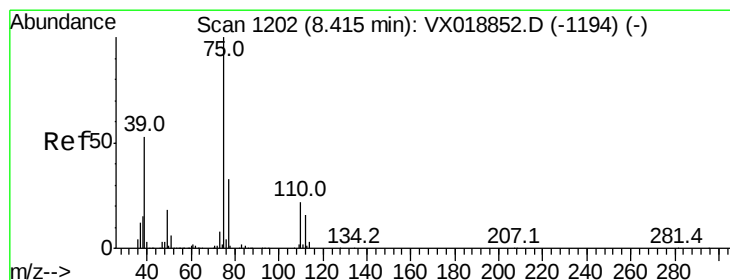
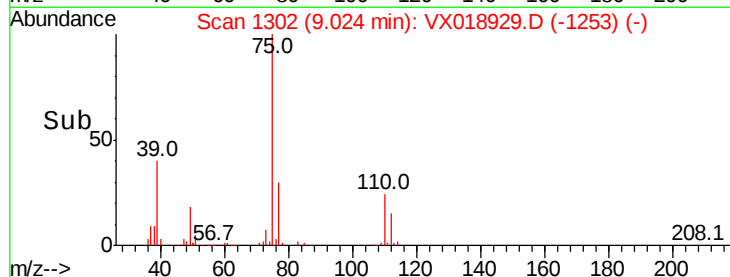
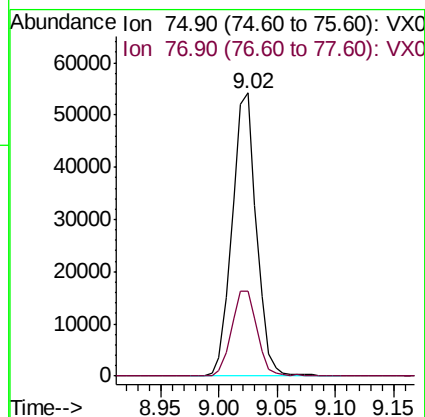
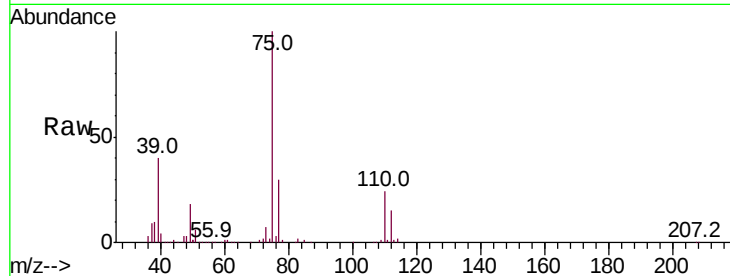
VX1013WBSD01

Tot Ion: 75 Resp: 78996

Ion Ratio Lower Upper

75 100

77 30.2 25.1 37.7



#54

cis-1,3-Dichloropropene

Concen: 17.794 ug/l

RT: 8.41 min Scan# 1202

Delta R.T. 0.00 min

Lab File: VX018929.D

Acq: 13 Oct 2020 14:04

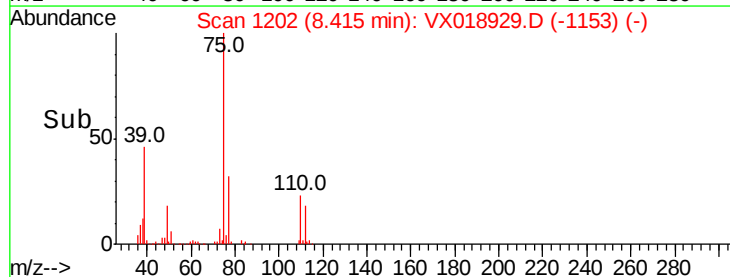
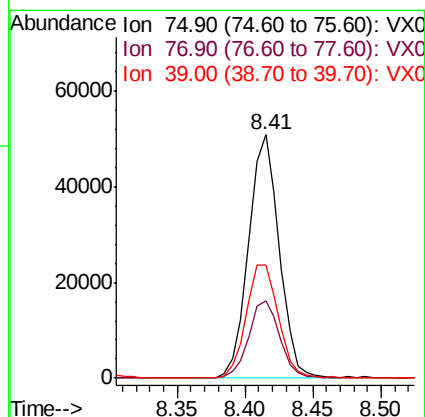
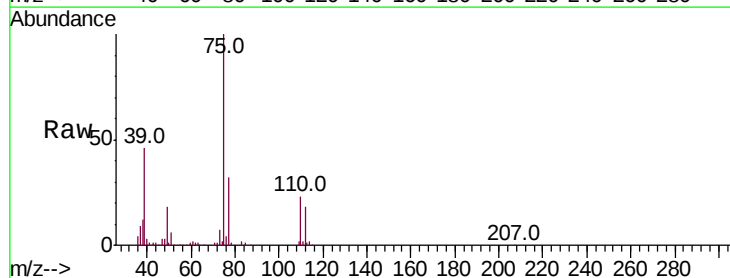
Tgt Ion: 75 Resp: 80328

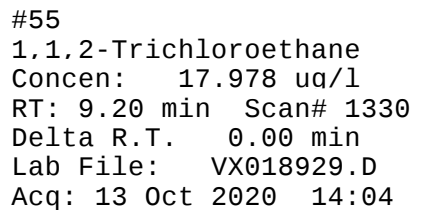
Ion Ratio Lower Upper

75 100

77 31.7 26.6 39.8

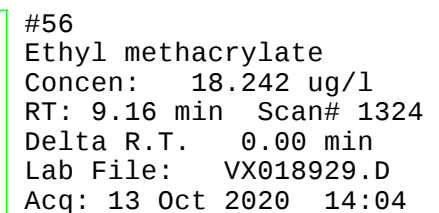
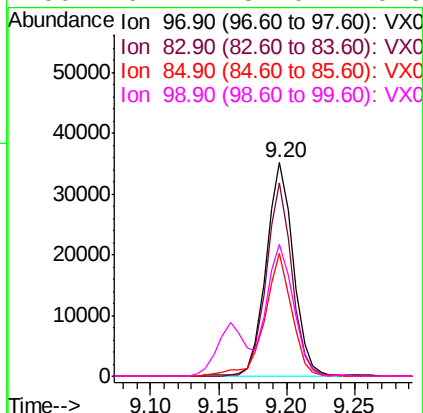
39 46.3 42.6 64.0



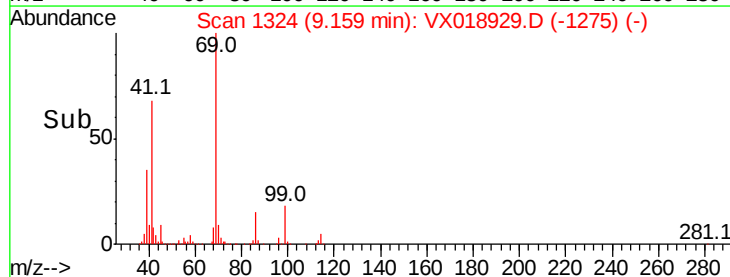
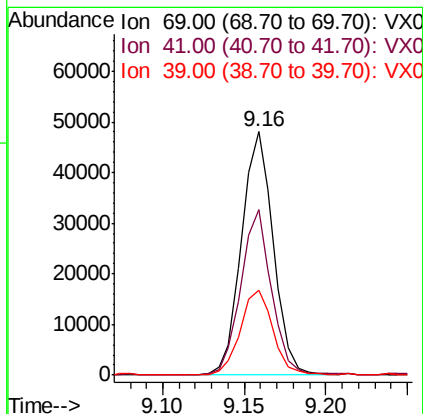


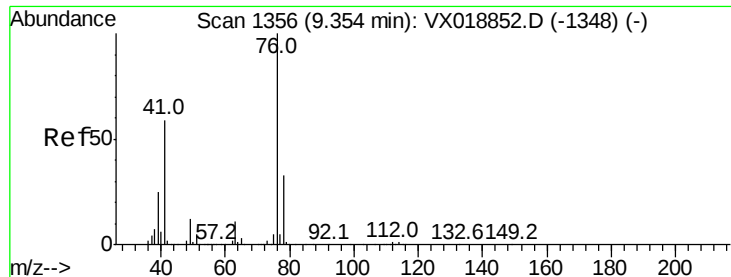
Instrument :
MSVOA_X
ClientSampleId :
VX1013WBSD01

Tat	Ion: 97	Resp:	49566
Ion	Ratio	Lower	Upper
97	100		
83	90.5	69.3	103.9
85	57.8	45.3	67.9
99	61.7	51.0	76.6



Tgt	Ion: 69	Resp:	65447
Ion	Ratio	Lower	Upper
69	100		
41	65.2	54.6	81.8
39	35.8	31.5	47.3





#57

1,3-Dichloropropane

Concen: 18.746 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. 0.00 min

Lab File: VX018929.D

Acq: 13 Oct 2020 14:04

Instrument :

MSVOA_X

ClientSampleId :

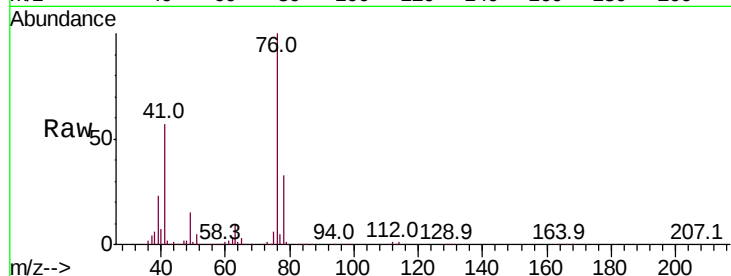
VX1013WBSD01

Tot Ion: 76 Resp: 83861

Ion Ratio Lower Upper

76 100

78 32.4 26.2 39.2



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

9.35

60000

50000

40000

30000

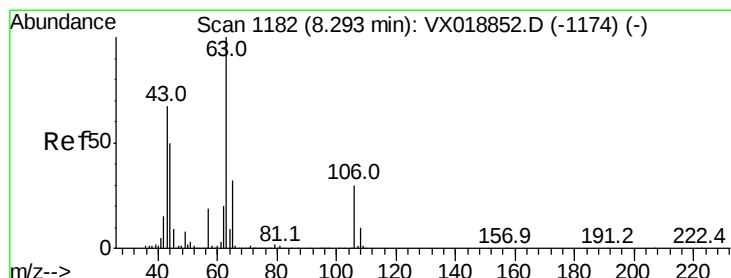
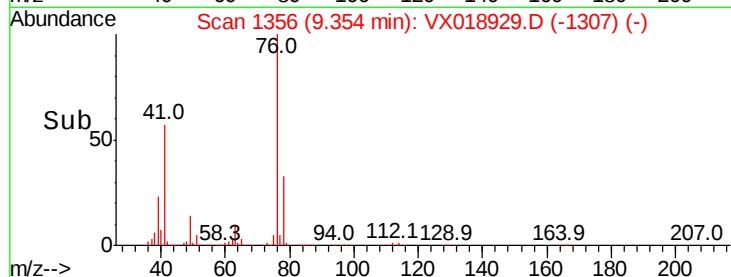
20000

10000

0

9.25 9.30 9.35 9.40 9.45

Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 88.985 ug/l

RT: 8.29 min Scan# 1181

Delta R.T. -0.01 min

Lab File: VX018929.D

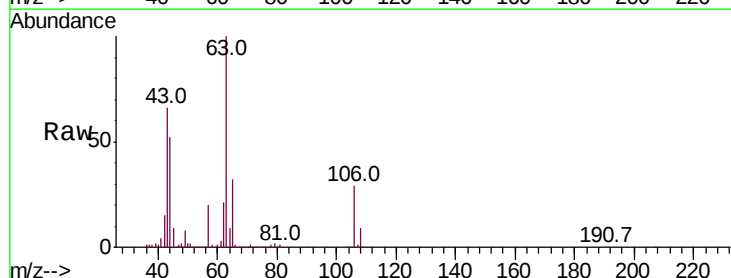
Acq: 13 Oct 2020 14:04

Tgt Ion: 63 Resp: 177498

Ion Ratio Lower Upper

63 100

106 29.9 24.2 36.4



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

8.29

120000

100000

80000

60000

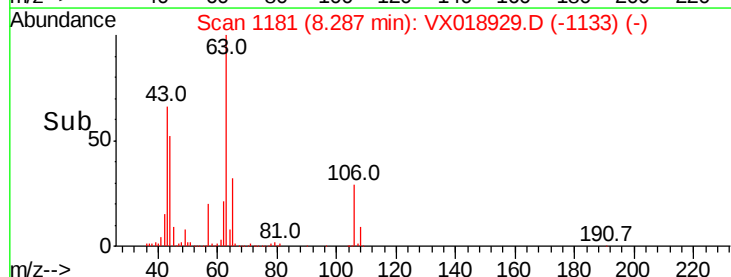
40000

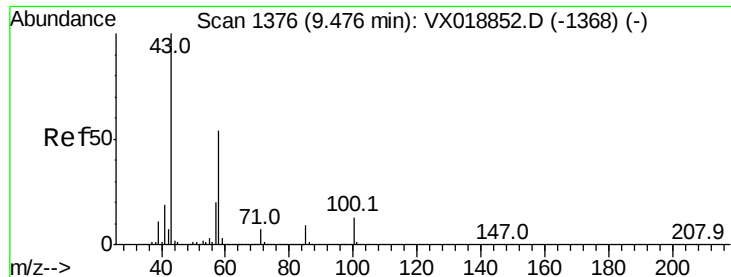
20000

0

8.20 8.25 8.30 8.35 8.40

Time-->

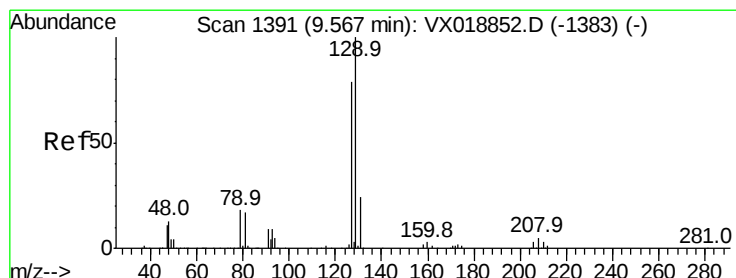
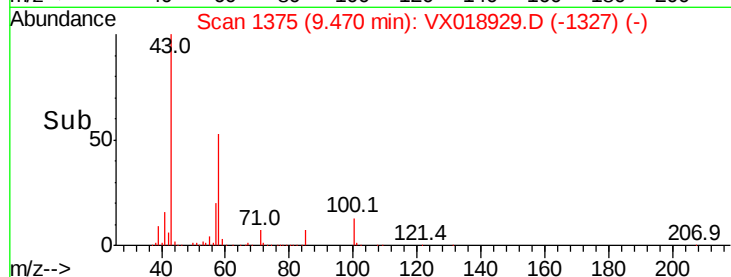
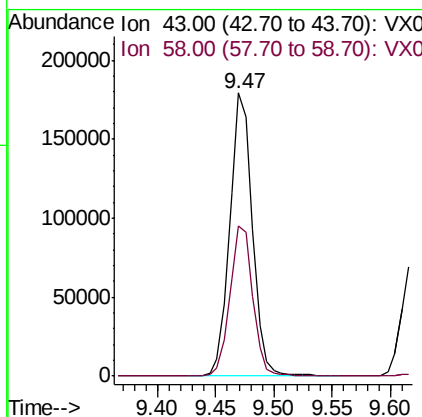
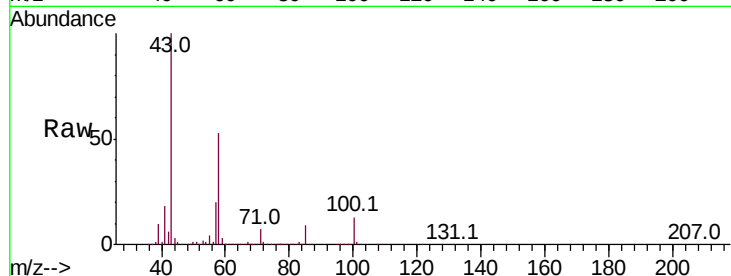




#59
2-Hexanone
Concen: 91.167 ug/l
RT: 9.47 min Scan# 1375
Delta R.T. -0.01 min
Lab File: VX018929.D
Acq: 13 Oct 2020 14:04

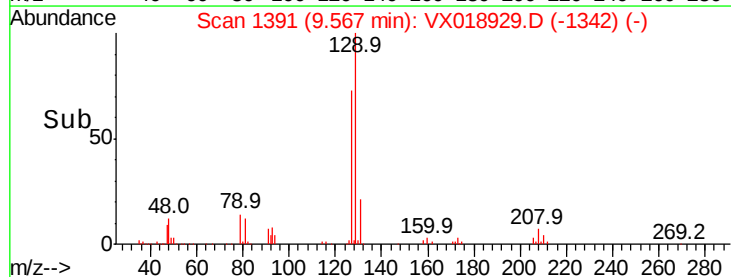
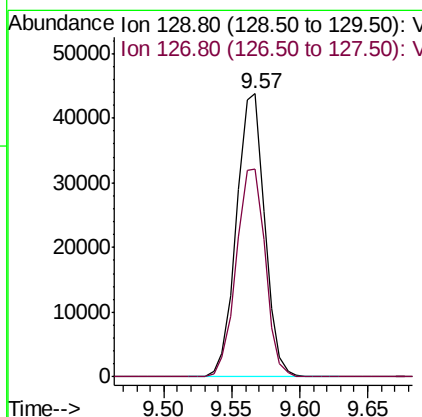
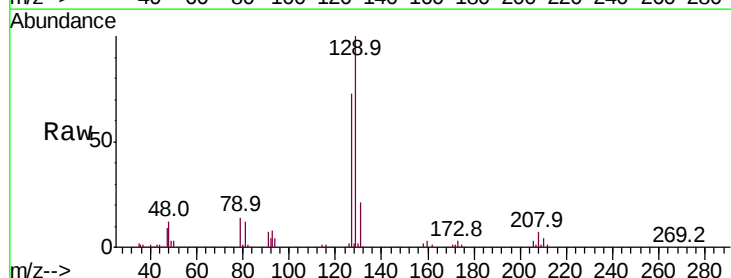
Instrument :
MSVOA_X
ClientSampleId :
VX1013WBSD01

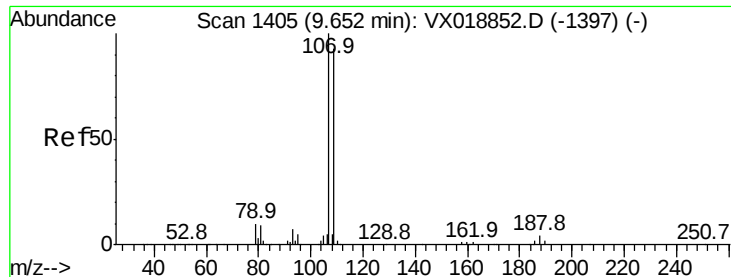
Tot Ion: 43 Resp: 242209
Ion Ratio Lower Upper
43 100
58 53.9 26.7 80.1



#60
Dibromochloromethane
Concen: 18.333 ug/l
RT: 9.57 min Scan# 1391
Delta R.T. 0.00 min
Lab File: VX018929.D
Acq: 13 Oct 2020 14:04

Tgt Ion: 129 Resp: 63447
Ion Ratio Lower Upper
129 100
127 75.3 39.5 118.5

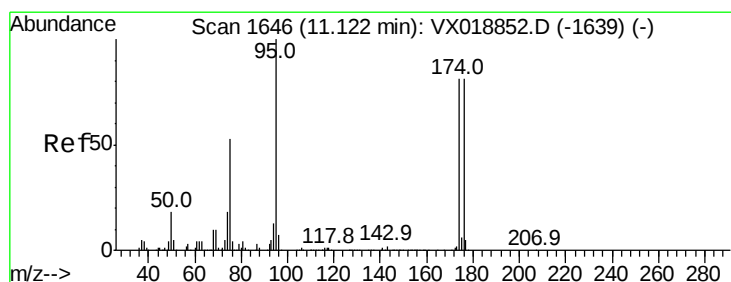
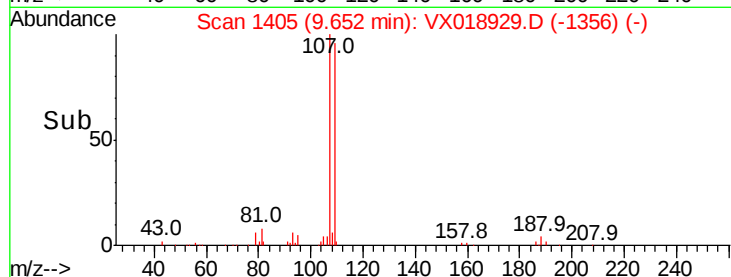
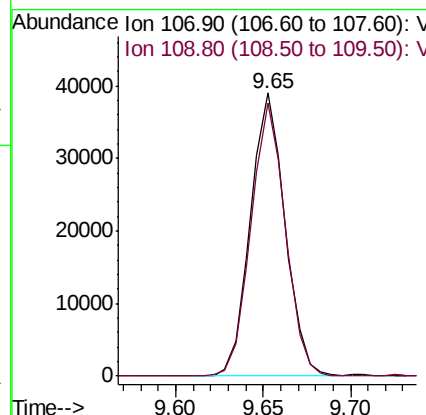
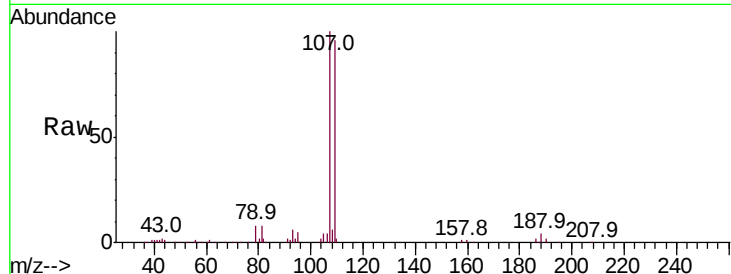




#61
 1,2-Dibromoethane
 Concen: 18.205 ug/l
 RT: 9.65 min Scan# 1405
 Delta R.T. 0.00 min
 Lab File: VX018929.D
 Acq: 13 Oct 2020 14:04

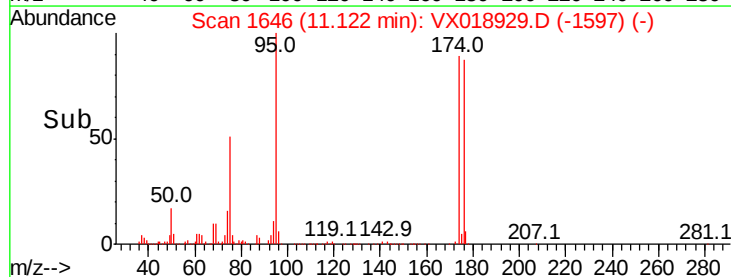
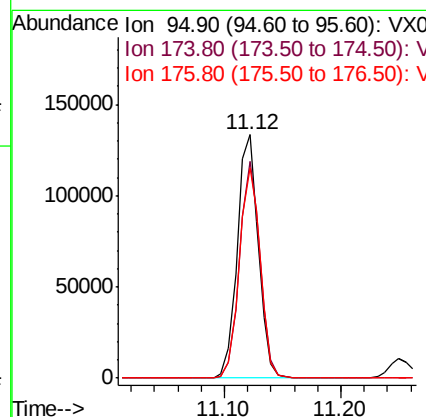
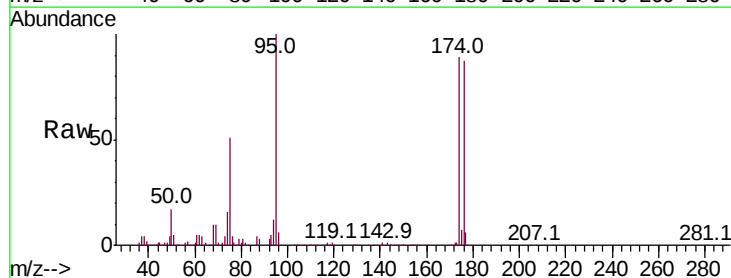
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1013WBSD01

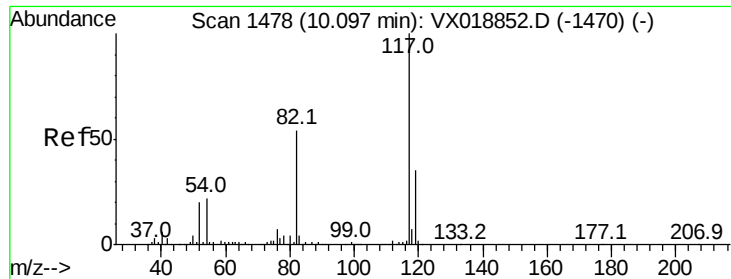
Tot Ion:107 Resp: 53822
 Ion Ratio Lower Upper
 107 100
 109 96.0 75.2 112.8



#62
 4-Bromofluorobenzene
 Concen: 48.214 ug/l
 RT: 11.12 min Scan# 1646
 Delta R.T. 0.00 min
 Lab File: VX018929.D
 Acq: 13 Oct 2020 14:04

Tgt Ion: 95 Resp: 168195
 Ion Ratio Lower Upper
 95 100
 174 86.7 0.0 160.0
 176 86.0 0.0 161.2

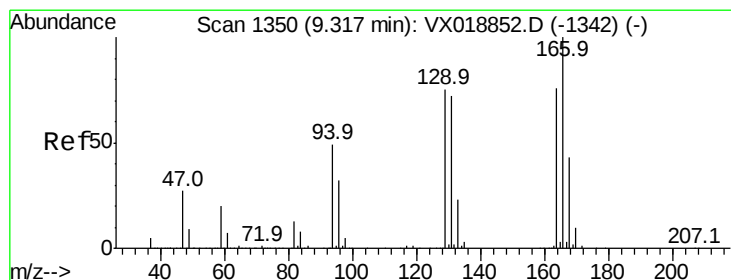
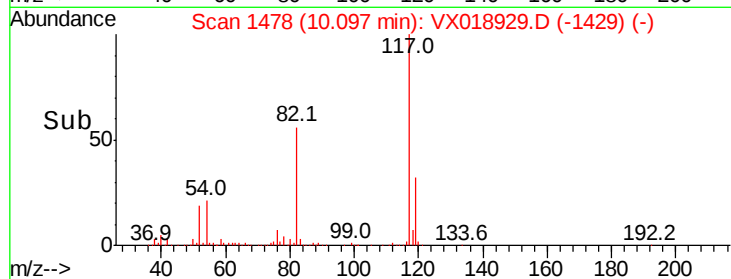
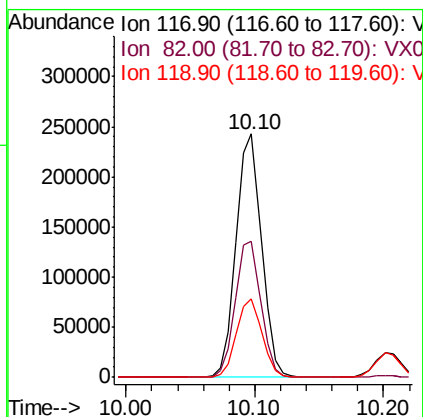
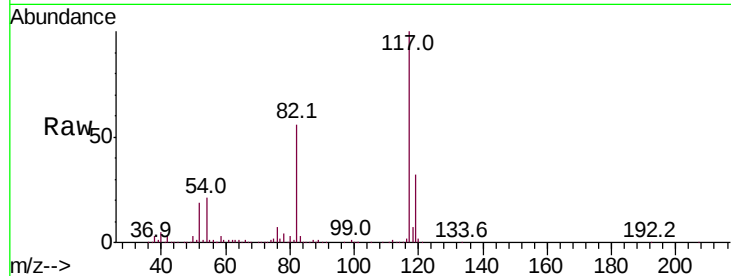




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. 0.00 min
Lab File: VX018929.D
Acq: 13 Oct 2020 14:04

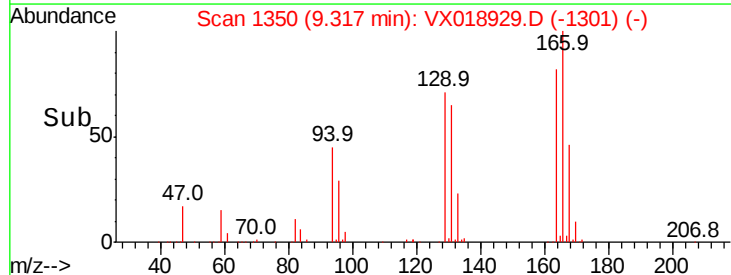
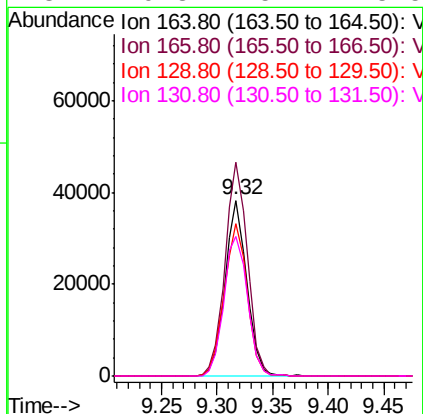
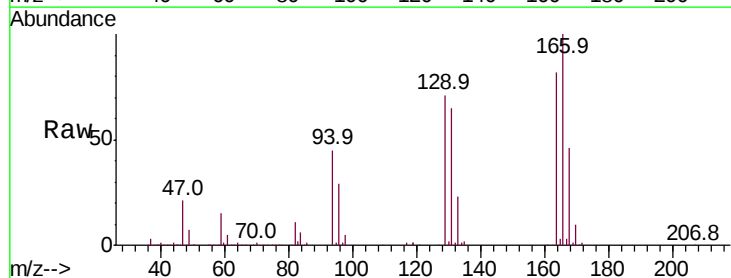
Instrument :
MSVOA_X
ClientSampleId :
VX1013WBSD01

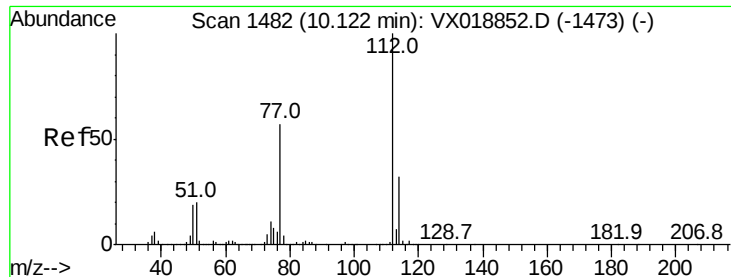
Tot Ion:117 Resp: 335743
Ion Ratio Lower Upper
117 100
82 55.8 43.4 65.2
119 32.5 28.3 42.5



#64
Tetrachloroethene
Concen: 20.461 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. 0.00 min
Lab File: VX018929.D
Acq: 13 Oct 2020 14:04

Tgt Ion:164 Resp: 51876
Ion Ratio Lower Upper
164 100
166 121.5 105.4 158.0
129 86.4 79.0 118.6
131 79.3 75.7 113.5





#65

Chlorobenzene

Concen: 17.828 ug/l

RT: 10.12 min Scan# 1482

Delta R.T. 0.00 min

Lab File: VX018929.D

Acq: 13 Oct 2020 14:04

Instrument :

MSVOA_X

ClientSampleId :

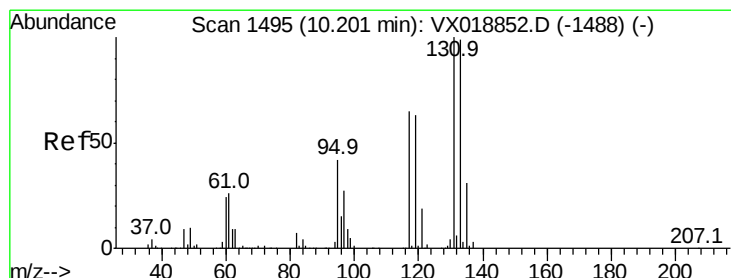
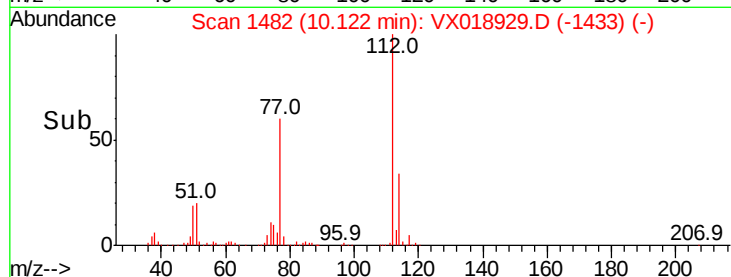
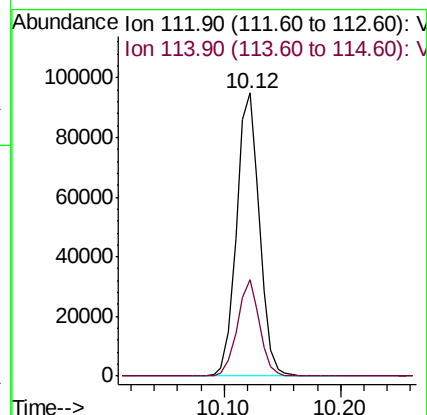
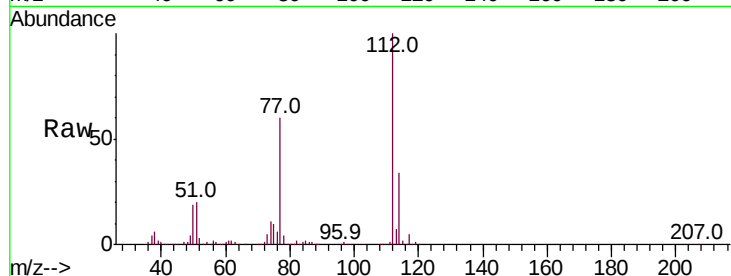
VX1013WBSD01

Tot Ion:112 Resp: 129349

Ion Ratio Lower Upper

112 100

114 34.3 25.7 38.5



#66

1,1,1,2-Tetrachloroethane

Concen: 18.093 ug/l

RT: 10.20 min Scan# 1495

Delta R.T. 0.00 min

Lab File: VX018929.D

Acq: 13 Oct 2020 14:04

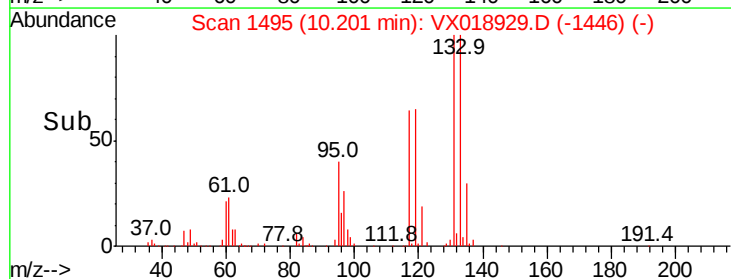
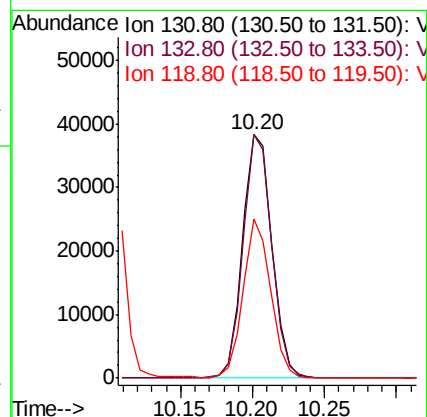
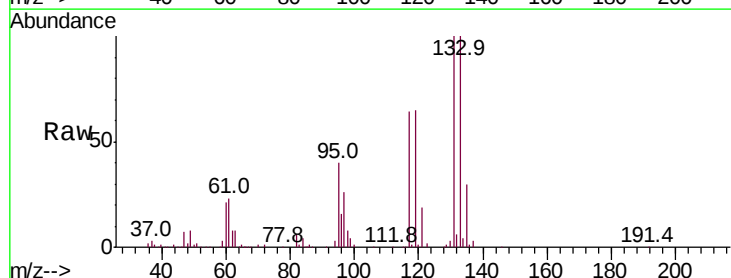
Tgt Ion:131 Resp: 54158

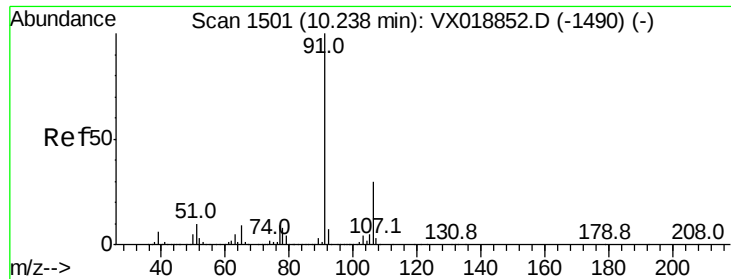
Ion Ratio Lower Upper

131 100

133 97.1 48.6 145.8

119 61.2 31.1 93.3





#67

Ethyl Benzene

Concen: 17.594 ug/l

RT: 10.23 min Scan# 1500

Delta R.T. -0.01 min

Lab File: VX018929.D

Acq: 13 Oct 2020 14:04

Instrument :

MSVOA_X

ClientSampleId :

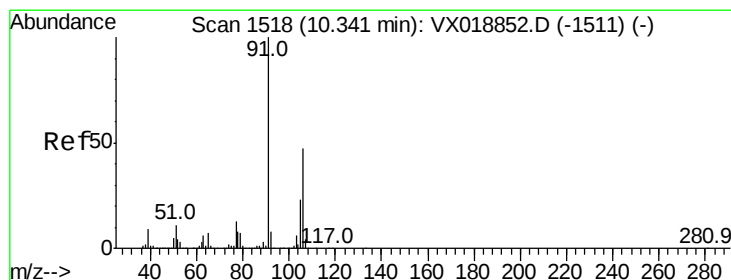
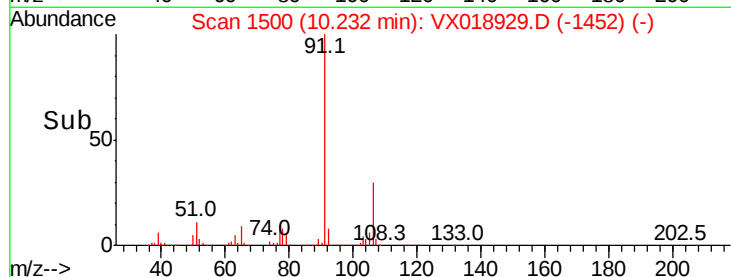
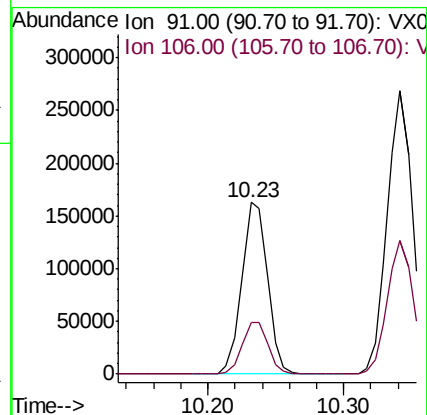
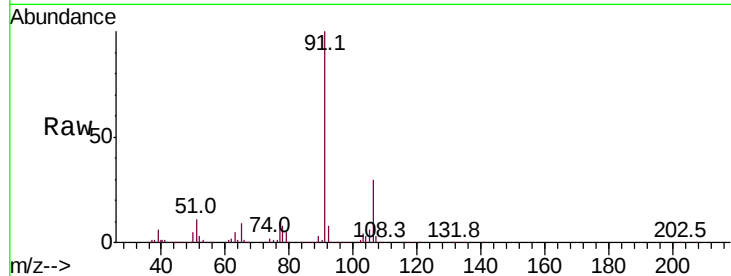
VX1013WBSD01

Tot Ion: 91 Resp: 215349

Ion Ratio Lower Upper

91 100

106 30.0 24.0 36.0



#68

m/p-Xylenes

Concen: 36.371 ug/l

RT: 10.34 min Scan# 1518

Delta R.T. 0.00 min

Lab File: VX018929.D

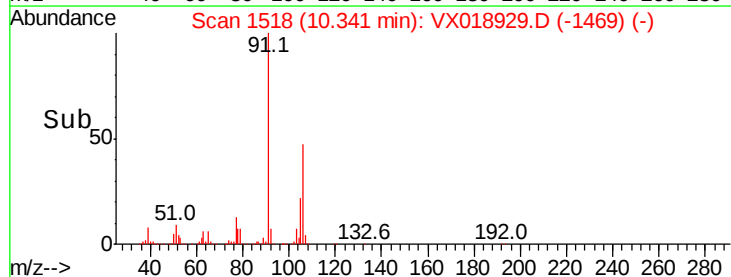
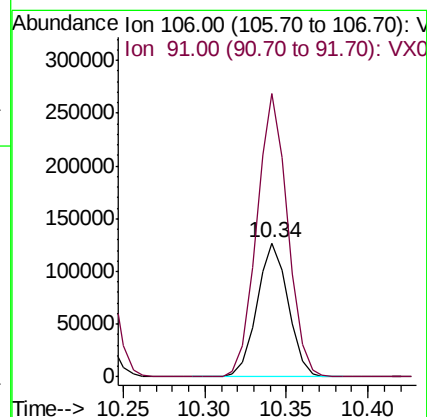
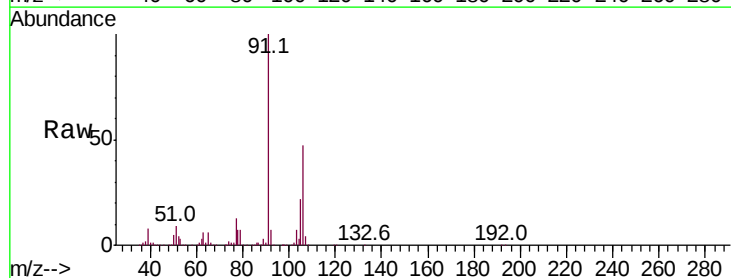
Acq: 13 Oct 2020 14:04

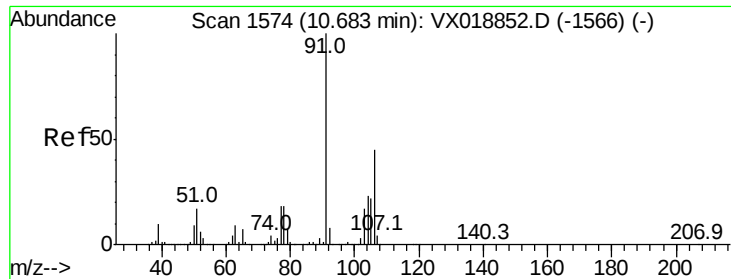
Tgt Ion: 106 Resp: 169137

Ion Ratio Lower Upper

106 100

91 208.6 165.6 248.4

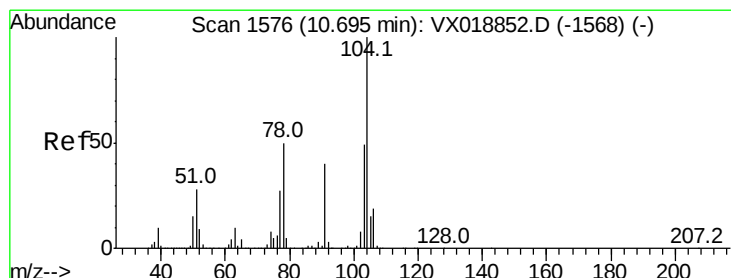
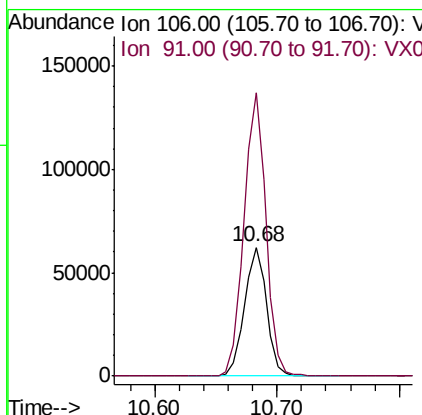
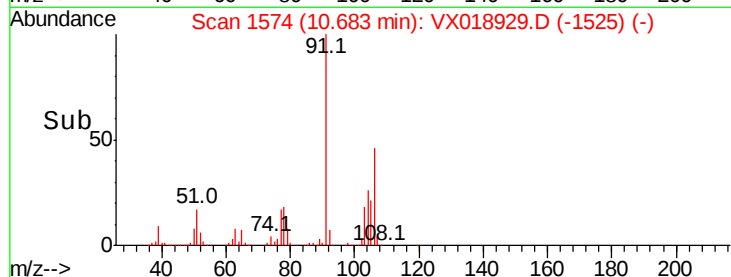
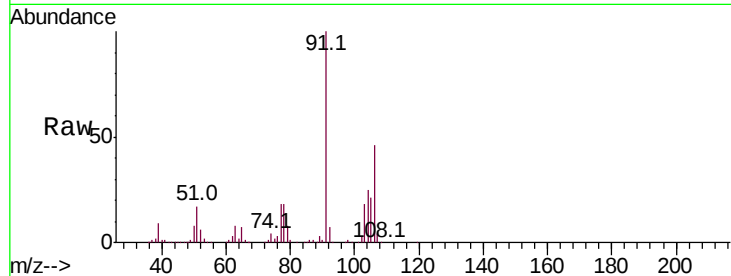




#69
o-Xylene
Concen: 17.747 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. 0.00 min
Lab File: VX018929.D
Acq: 13 Oct 2020 14:04

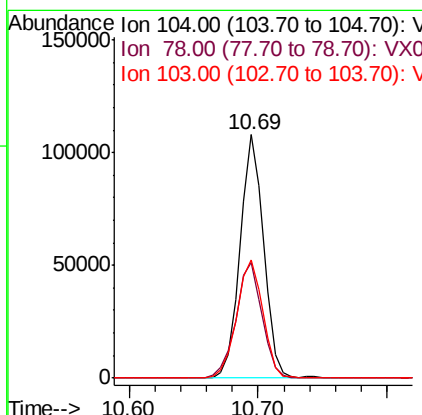
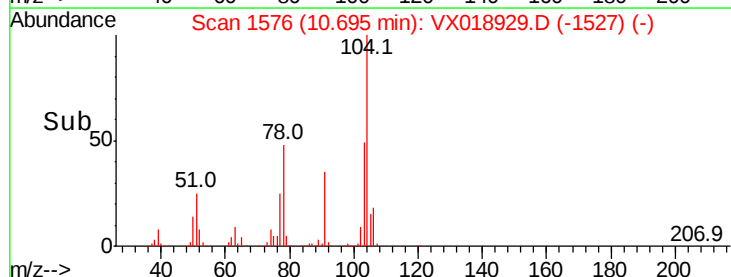
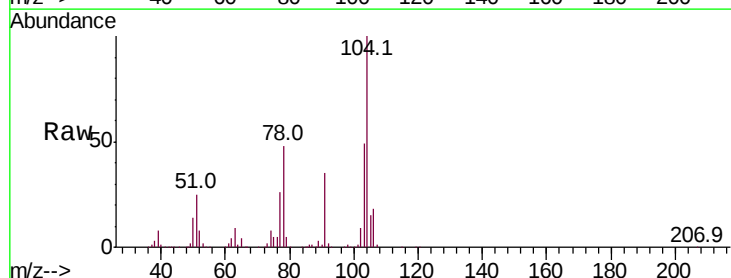
Instrument :
MSVOA_X
ClientSampleId :
VX1013WBSD01

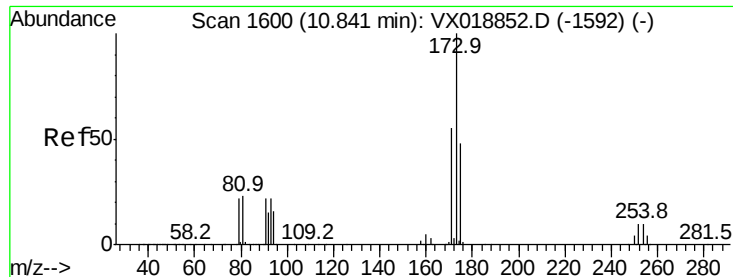
Tot Ion:106 Resp: 77756
Ion Ratio Lower Upper
106 100
91 219.0 109.9 329.6



#70
Styrene
Concen: 18.449 ug/l
RT: 10.69 min Scan# 1576
Delta R.T. 0.00 min
Lab File: VX018929.D
Acq: 13 Oct 2020 14:04

Tgt Ion:104 Resp: 136846
Ion Ratio Lower Upper
104 100
78 53.2 43.5 65.3
103 54.4 43.3 64.9





#71

Bromoform

Concen: 18.175 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. 0.00 min

Lab File: VX018929.D

Acq: 13 Oct 2020 14:04

Instrument :

MSVOA_X

ClientSampleId :

VX1013WBSD01

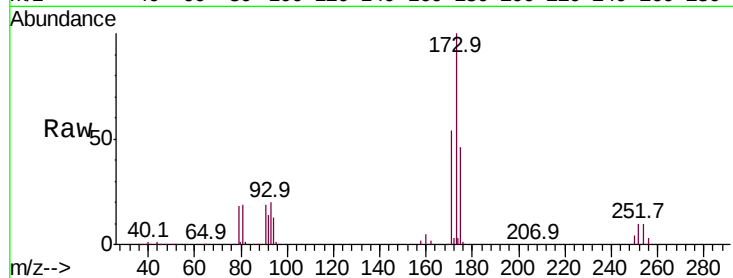
Tot Ion:173 Resp: 47056

Ion Ratio Lower Upper

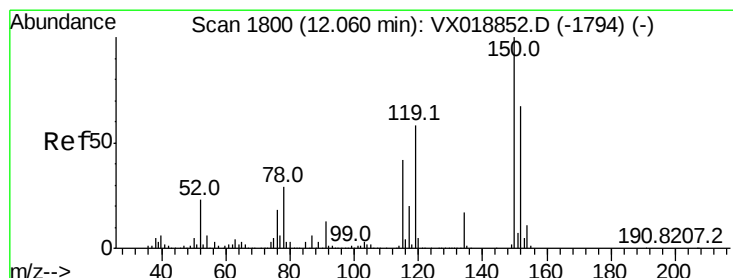
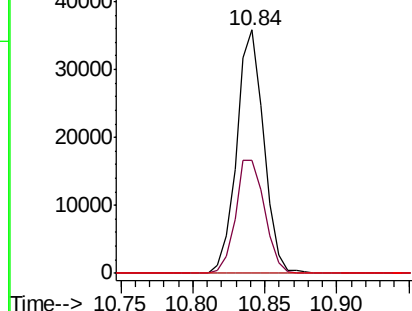
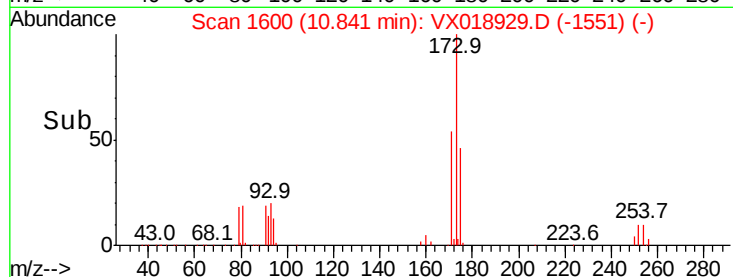
173 100

175 49.8 23.4 70.0

254 0.2 0.0 0.0#



Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. 0.00 min

Lab File: VX018929.D

Acq: 13 Oct 2020 14:04

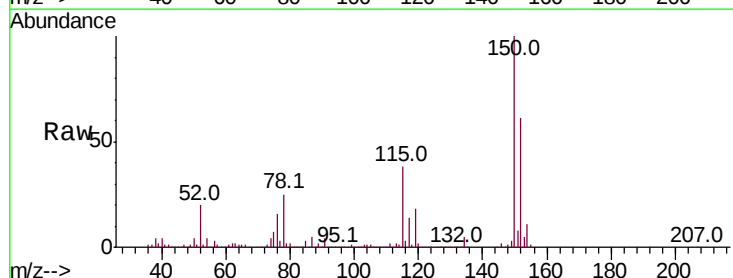
Tgt Ion:152 Resp: 188168

Ion Ratio Lower Upper

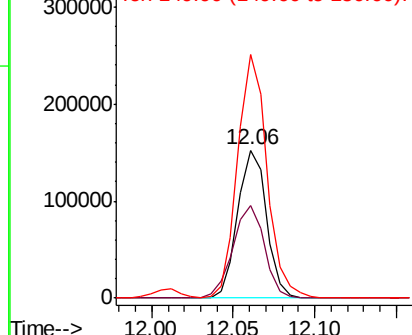
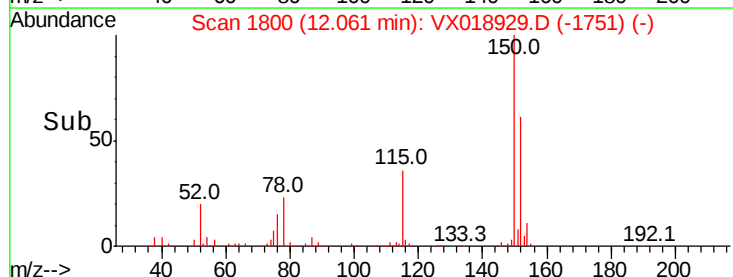
152 100

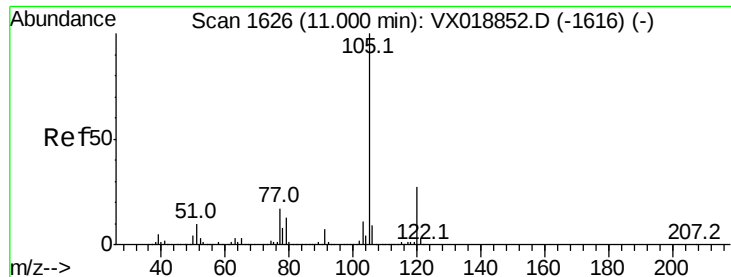
115 67.7 41.8 125.4

150 167.6 0.0 347.6



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 17.753 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. 0.00 min

Lab File: VX018929.D

Acq: 13 Oct 2020 14:04

Instrument :

MSVOA_X

ClientSampleId :

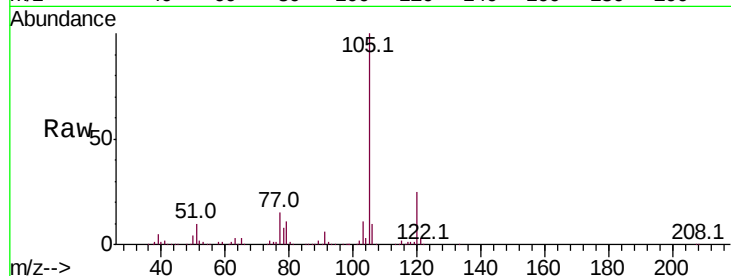
VX1013WBSD01

Tot Ion:105 Resp: 218521

Ion Ratio Lower Upper

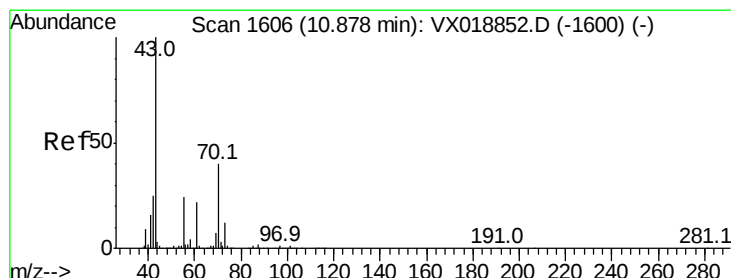
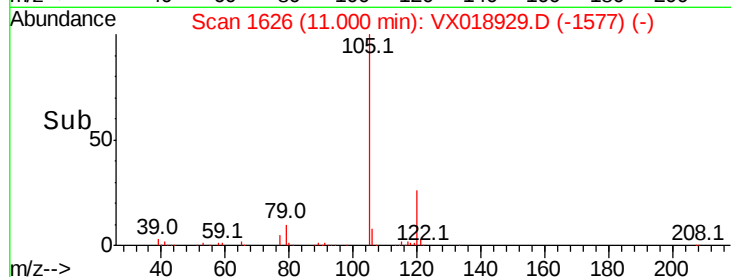
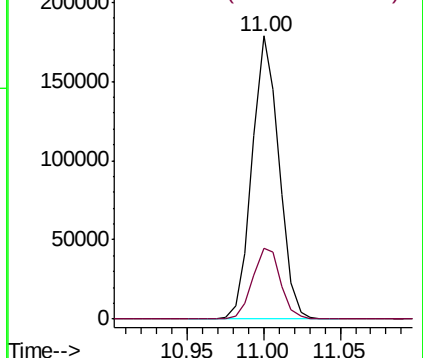
105 100

120 26.0 13.3 39.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 17.829 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. 0.00 min

Lab File: VX018929.D

Acq: 13 Oct 2020 14:04

Tgt Ion: 43 Resp: 86828

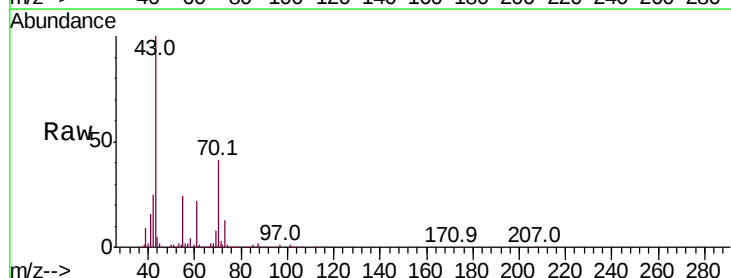
Ion Ratio Lower Upper

43 100

70 42.6 33.7 50.5

55 25.1 19.8 29.8

61 23.2 18.6 28.0

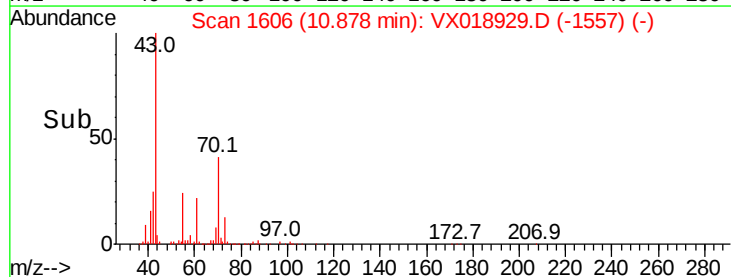
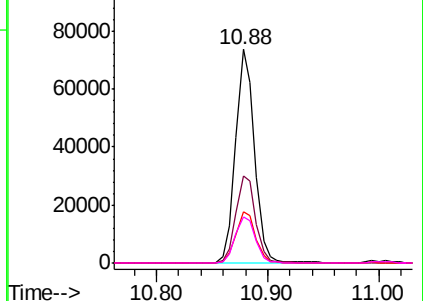


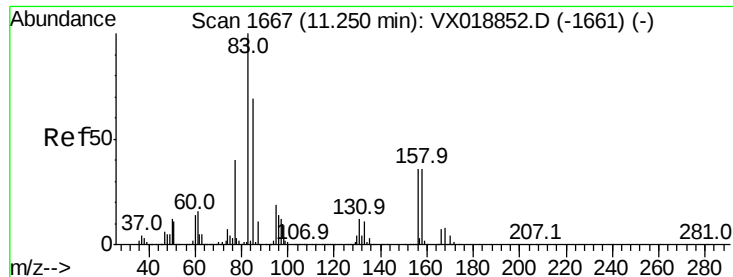
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 17.978 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. 0.00 min

Lab File: VX018929.D

Acq: 13 Oct 2020 14:04

Instrument :

MSVOA_X

ClientSampleId :

VX1013WBSD01

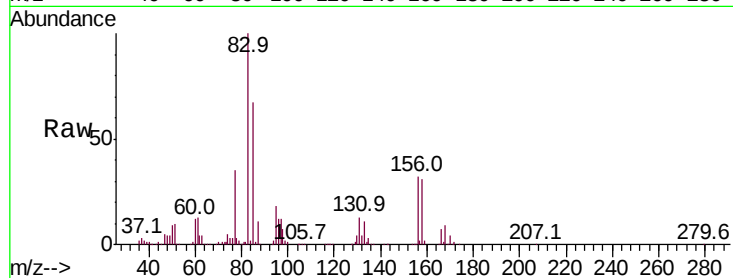
Tot Ion: 83 Resp: 73757

Ion Ratio Lower Upper

83 100

131 11.8 5.9 17.8

85 67.0 33.0 98.9

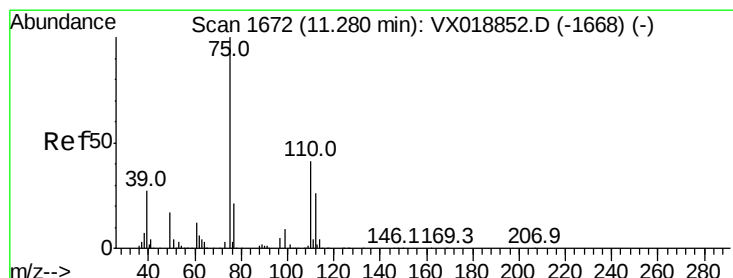
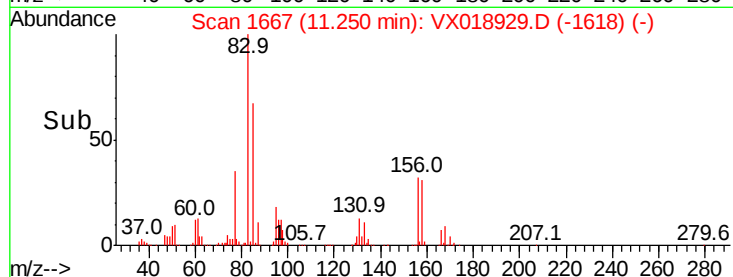


Abundance Ion 82.90 (82.60 to 83.60): VX018852.D (-1661) (-)

Ion 130.80 (130.50 to 131.50): VX018852.D (-1661) (-)

Ion 84.90 (84.60 to 85.60): VX018852.D (-1661) (-)

Time-->



#76

1,2,3-Trichloropropane

Concen: 22.031 ug/l

RT: 11.28 min Scan# 1672

Delta R.T. 0.00 min

Lab File: VX018929.D

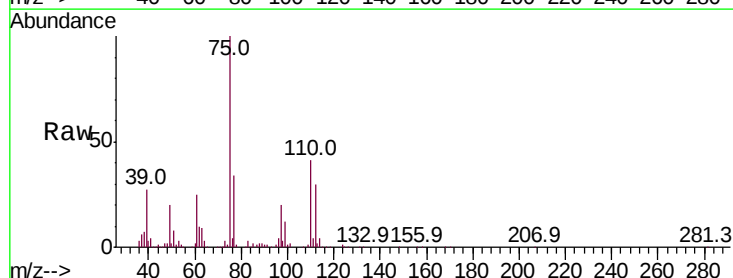
Acq: 13 Oct 2020 14:04

Tgt Ion: 75 Resp: 89324

Ion Ratio Lower Upper

75 100

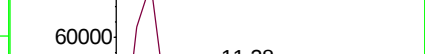
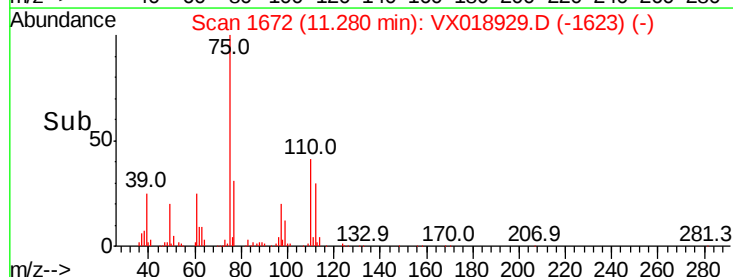
77 32.1 20.2 60.6

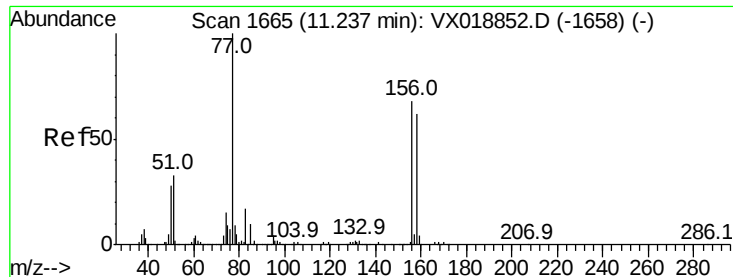


Abundance Ion 74.90 (74.60 to 75.60): VX018852.D (-1668) (-)

Ion 77.00 (76.70 to 77.70): VX018852.D (-1668) (-)

Time-->





#77

Bromobenzene

Concen: 18.273 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. 0.00 min

Lab File: VX018929.D

Acq: 13 Oct 2020 14:04

Instrument :

MSVOA_X

ClientSampleId :

VX1013WBSD01

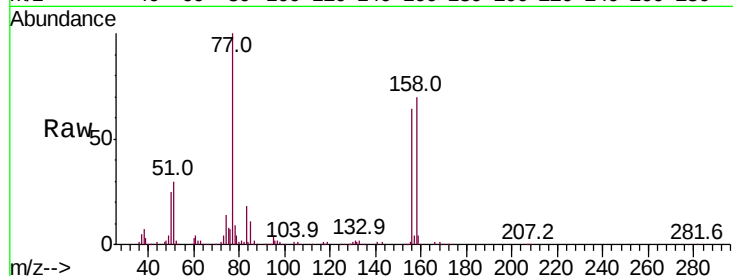
Tot Ion:156 Resp: 61786

Ion Ratio Lower Upper

156 100

77 150.6 76.0 228.1

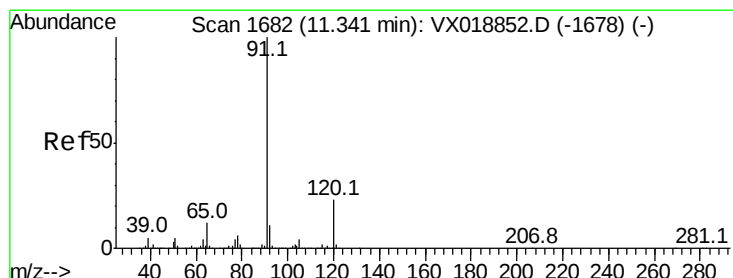
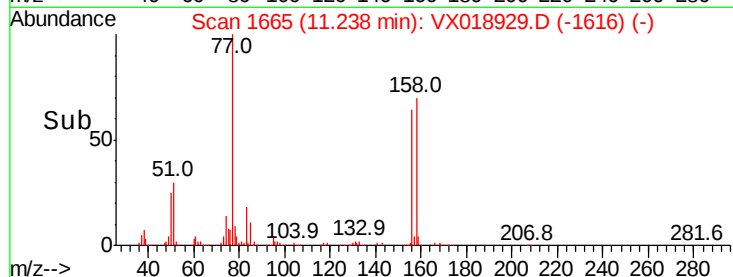
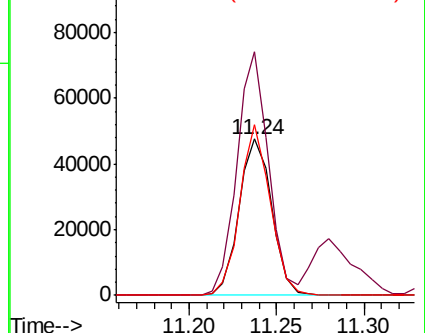
158 101.4 47.2 141.6



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 17.702 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. 0.00 min

Lab File: VX018929.D

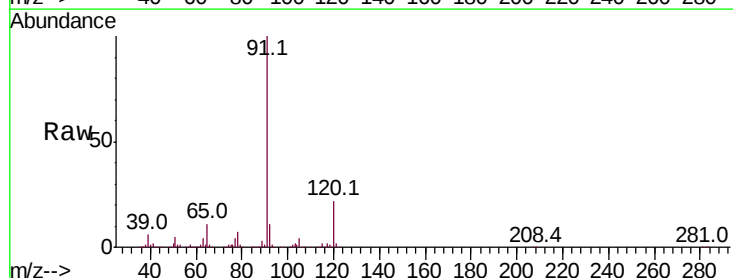
Acq: 13 Oct 2020 14:04

Tgt Ion: 91 Resp: 248281

Ion Ratio Lower Upper

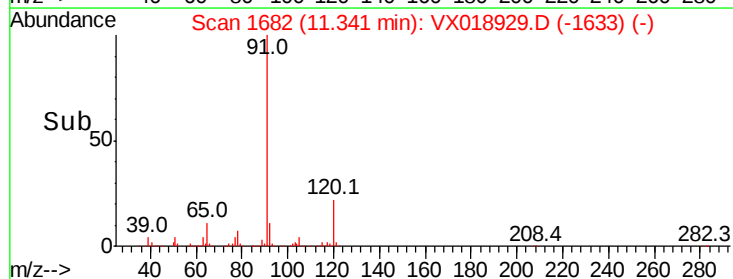
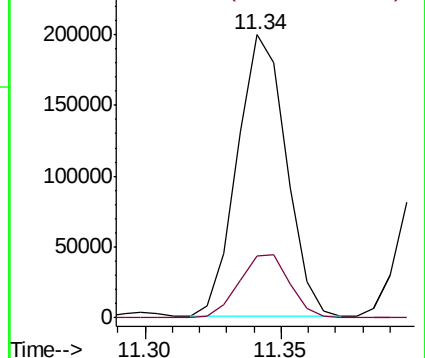
91 100

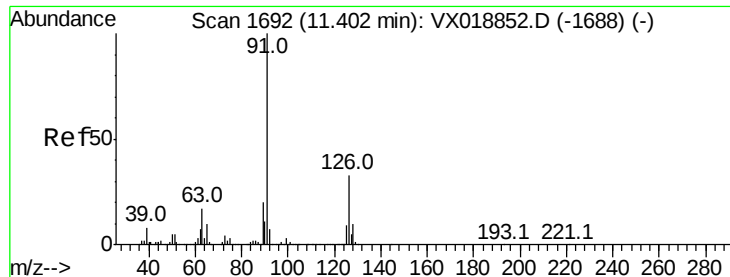
120 23.5 12.0 36.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 17.933 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. 0.00 min

Lab File: VX018929.D

Acq: 13 Oct 2020 14:04

Instrument :

MSVOA_X

ClientSampleId :

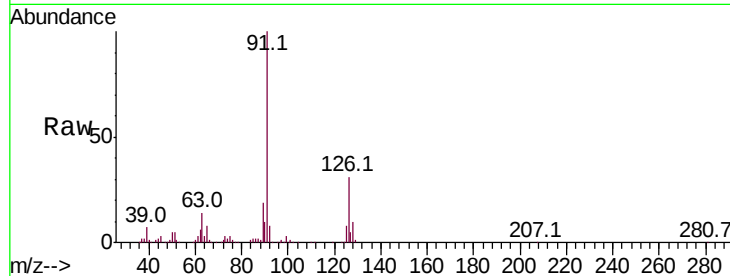
VX1013WBSD01

Tot Ion: 91 Resp: 156790

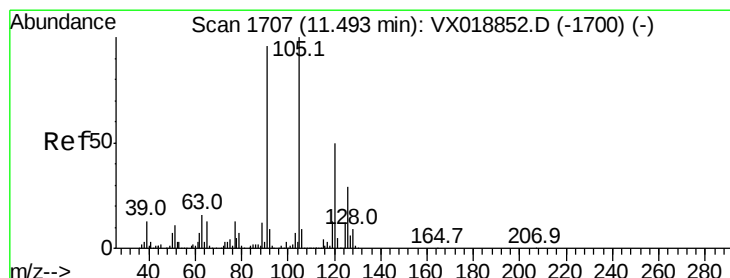
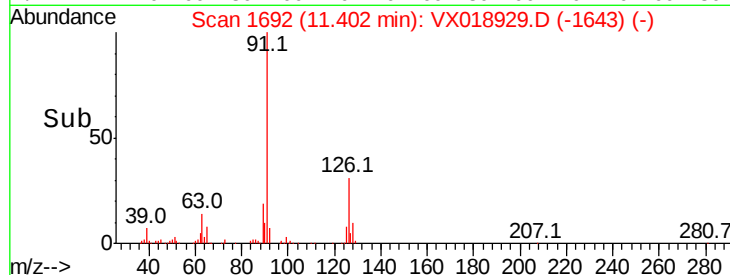
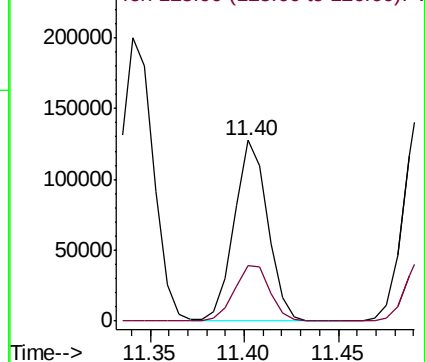
Ion Ratio Lower Upper

91 100

126 32.6 17.1 51.3



Abundance Ion 91.00 (90.70 to 91.70): VX018852.D (-1688) (-)



#80

1,3,5-Trimethylbenzene

Concen: 18.029 ug/l

RT: 11.49 min Scan# 1706

Delta R.T. -0.01 min

Lab File: VX018929.D

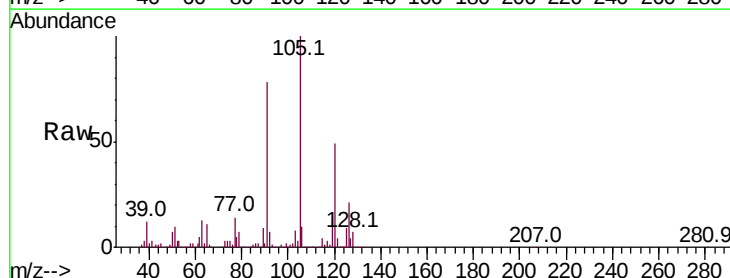
Acq: 13 Oct 2020 14:04

Tgt Ion: 105 Resp: 189826

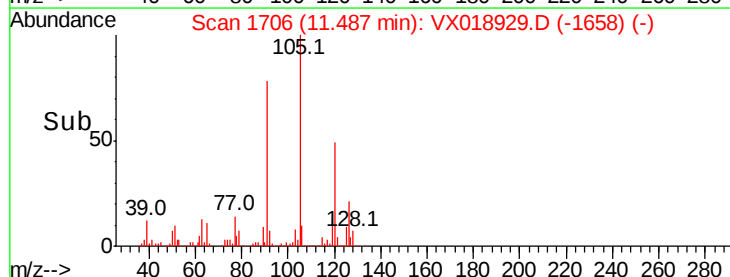
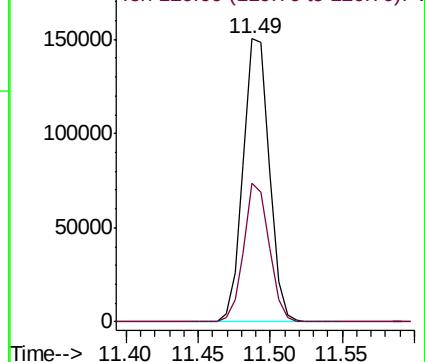
Ion Ratio Lower Upper

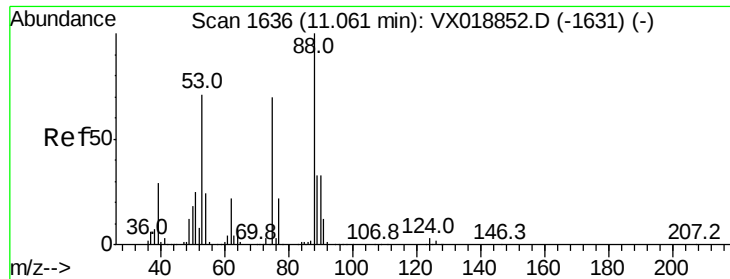
105 100

120 47.7 23.9 71.8



Abundance Ion 105.00 (104.70 to 105.70): VX018852.D (-1700) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 17.332 ug/l

RT: 11.05 min Scan# 1635

Delta R.T. -0.01 min

Lab File: VX018929.D

Acq: 13 Oct 2020 14:04

Instrument :

MSVOA_X

ClientSampleId :

VX1013WBSD01

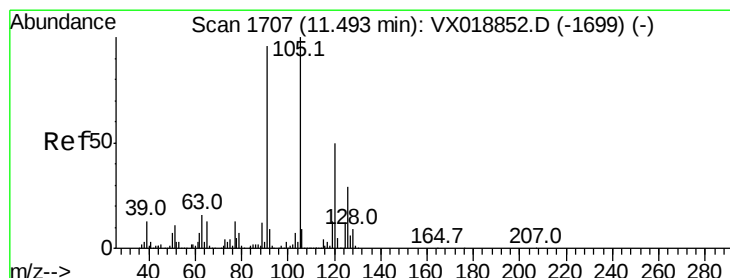
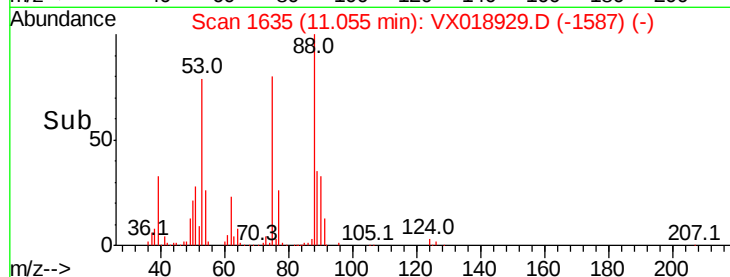
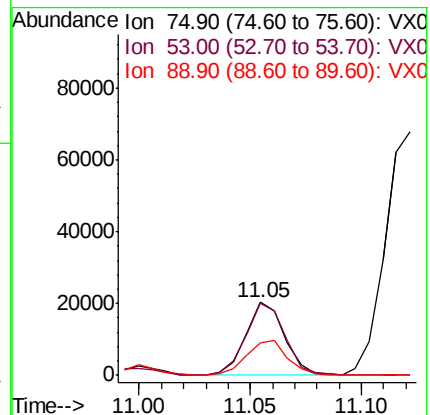
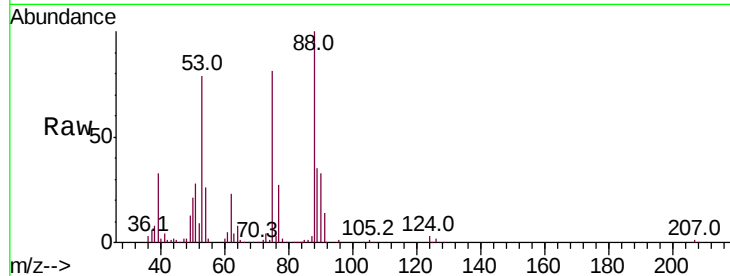
Tot Ion: 75 Resp: 24796

Ion Ratio Lower Upper

75 100

53 100.5 85.0 127.4

89 50.2 39.0 58.4



#82

4-Chlorotoluene

Concen: 18.517 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. 0.00 min

Lab File: VX018929.D

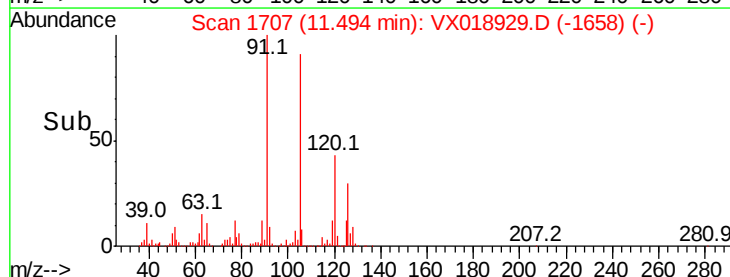
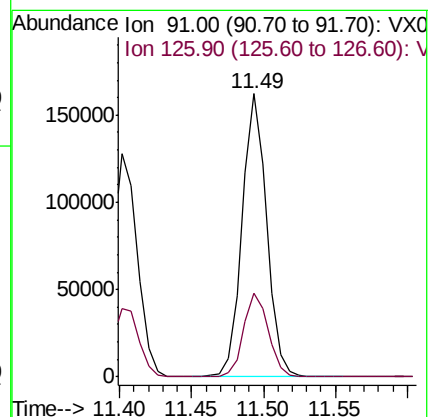
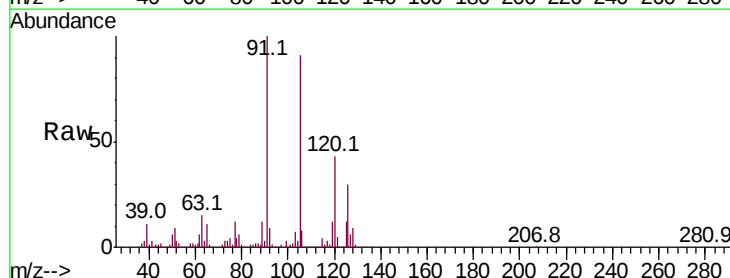
Acq: 13 Oct 2020 14:04

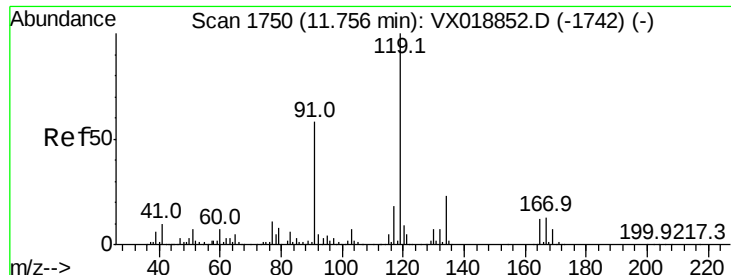
Tgt Ion: 91 Resp: 192501

Ion Ratio Lower Upper

91 100

126 29.9 14.9 44.7

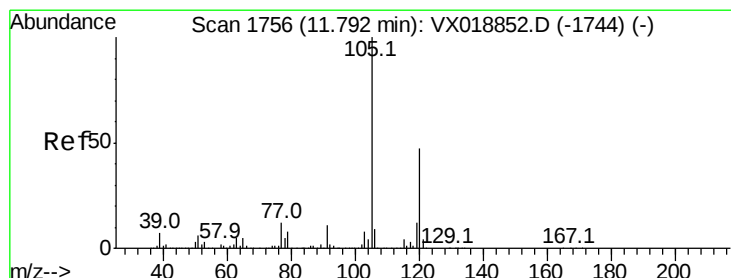
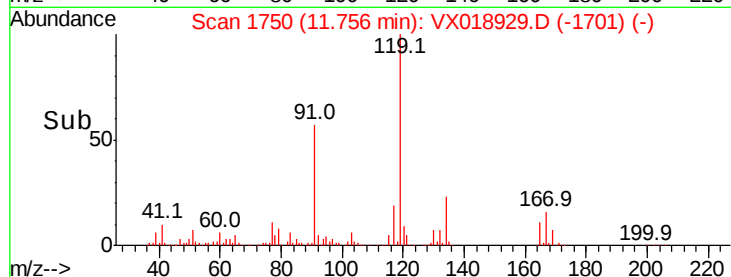
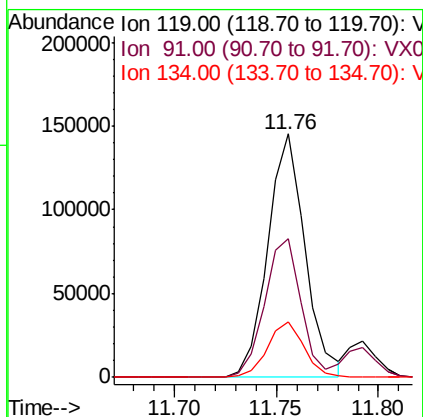
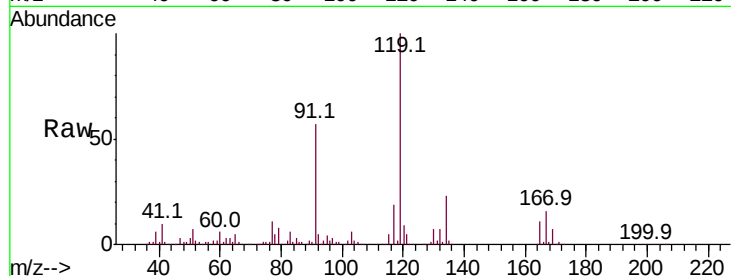




#83
tert-Butylbenzene
Concen: 17.569 ug/l
RT: 11.76 min Scan# 1750
Delta R.T. 0.00 min
Lab File: VX018929.D
Acq: 13 Oct 2020 14:04

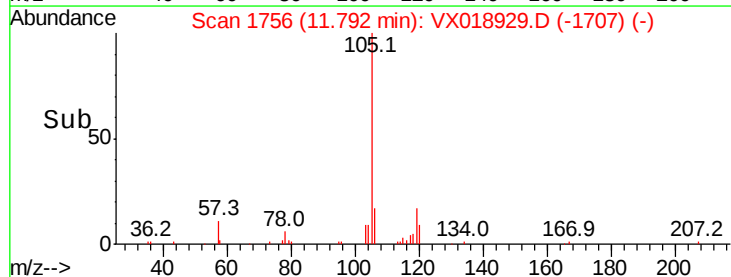
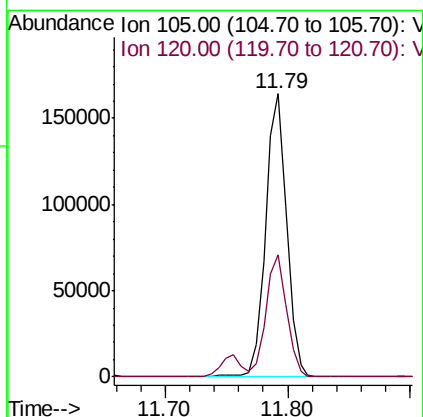
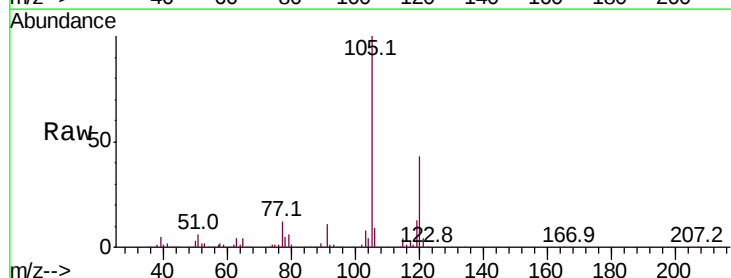
Instrument :
MSVOA_X
ClientSampleId :
VX1013WBSD01

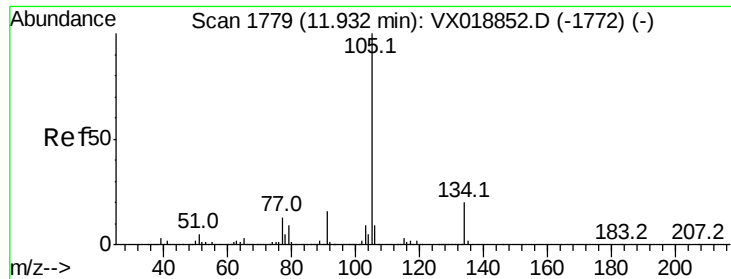
Tot Ion	Ratio	Lower	Upper
119	100		
91	55.6	28.6	85.9
134	22.5	11.7	35.0



#84
1,2,4-Trimethylbenzene
Concen: 18.395 ug/l
RT: 11.79 min Scan# 1756
Delta R.T. 0.00 min
Lab File: VX018929.D
Acq: 13 Oct 2020 14:04

Tgt Ion	Ratio	Lower	Upper
105	100		
120	42.6	22.6	67.8

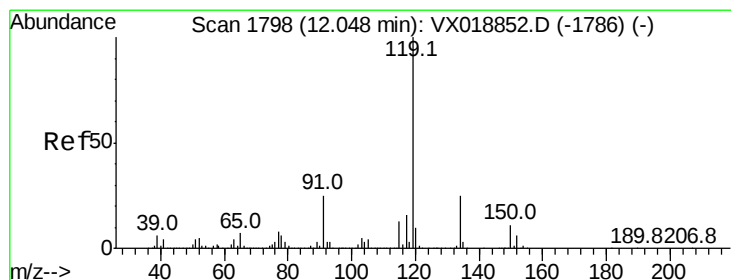
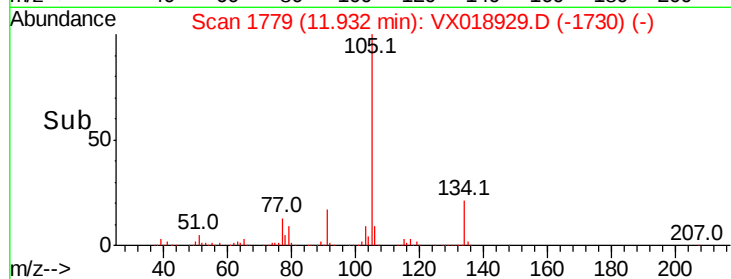
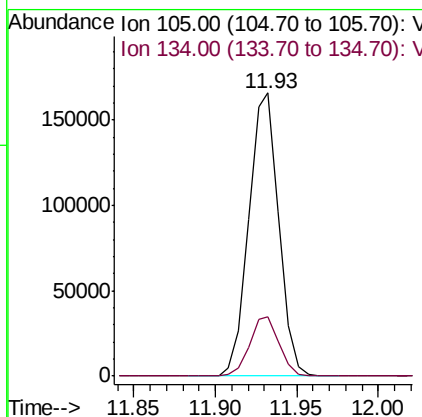
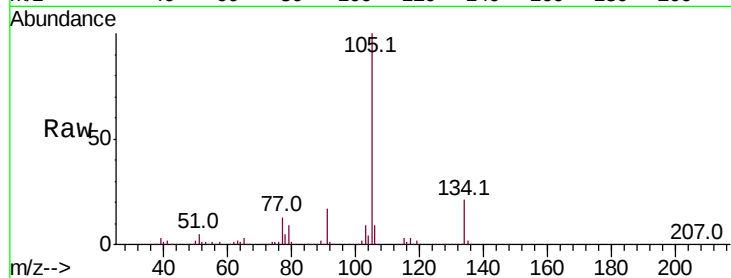




#85
 sec-Butylbenzene
 Concen: 17.828 ug/l
 RT: 11.93 min Scan# 1779
 Delta R.T. 0.00 min
 Lab File: VX018929.D
 Acq: 13 Oct 2020 14:04

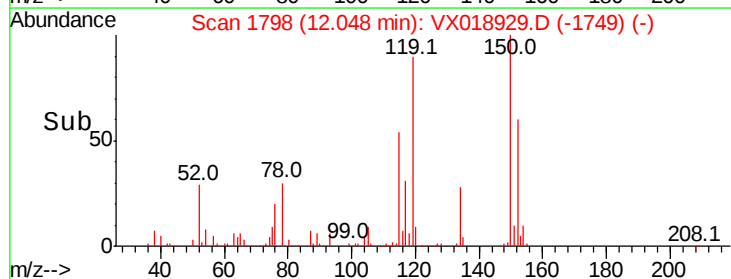
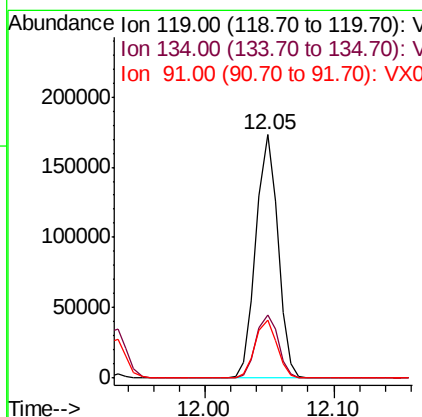
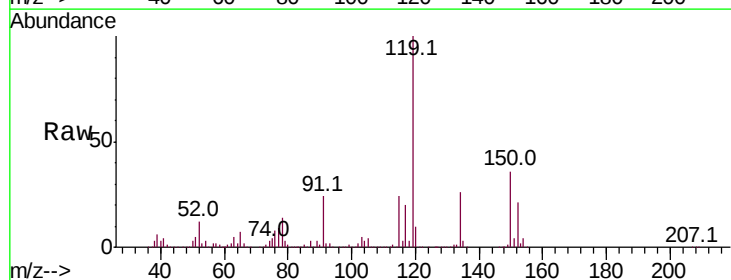
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1013WBSD01

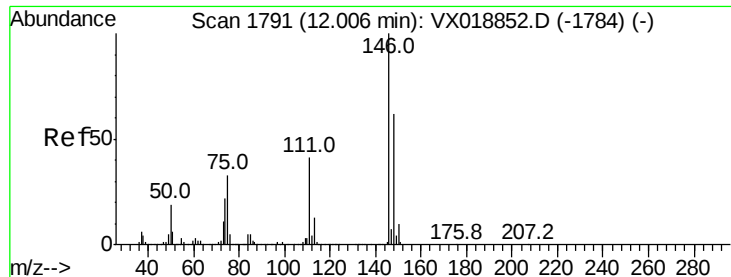
Tot Ion:105 Resp: 211773
 Ion Ratio Lower Upper
 105 100
 134 20.8 10.2 30.4



#86
 p-Isopropyltoluene
 Concen: 18.059 ug/l
 RT: 12.05 min Scan# 1798
 Delta R.T. 0.00 min
 Lab File: VX018929.D
 Acq: 13 Oct 2020 14:04

Tgt Ion:119 Resp: 203508
 Ion Ratio Lower Upper
 119 100
 134 26.4 12.8 38.4
 91 23.8 12.3 36.9





#87

1,3-Dichlorobenzene

Concen: 18.152 ug/l

RT: 12.01 min Scan# 1791

Delta R.T. 0.00 min

Lab File: VX018929.D

Acq: 13 Oct 2020 14:04

Instrument :

MSVOA_X

ClientSampleId :

VX1013WBSD01

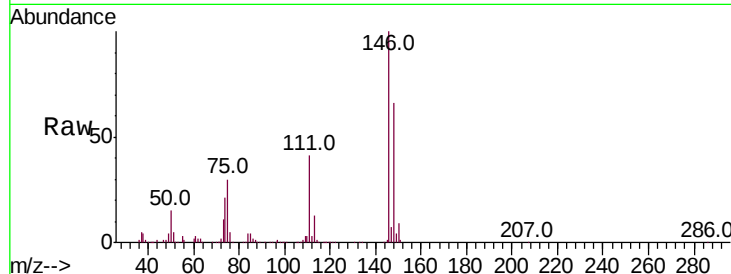
Tot Ion:146 Resp: 112721

Ion Ratio Lower Upper

146 100

111 39.5 20.0 59.9

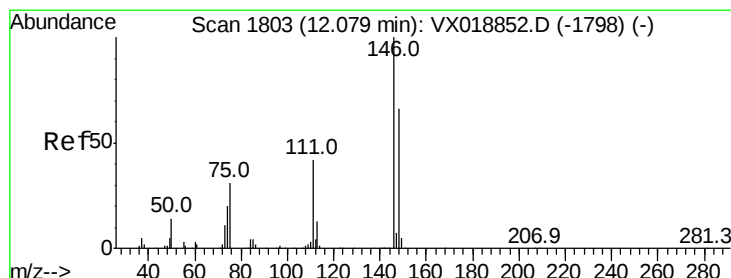
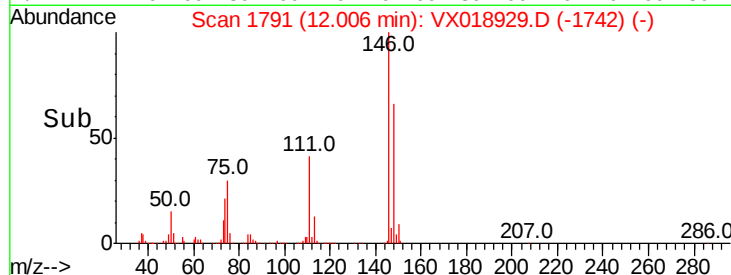
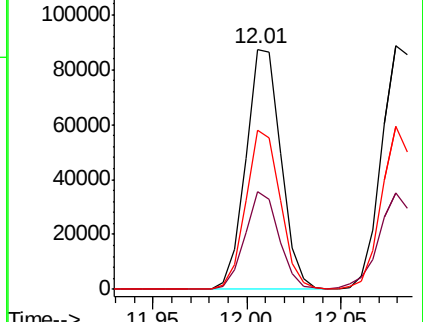
148 65.1 31.4 94.3



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 18.489 ug/l

RT: 12.08 min Scan# 1803

Delta R.T. 0.00 min

Lab File: VX018929.D

Acq: 13 Oct 2020 14:04

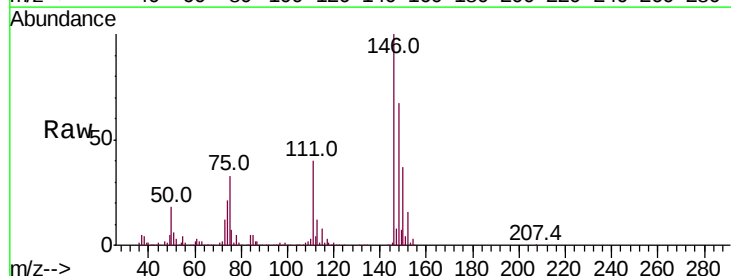
Tgt Ion:146 Resp: 116295

Ion Ratio Lower Upper

146 100

111 40.0 20.5 61.5

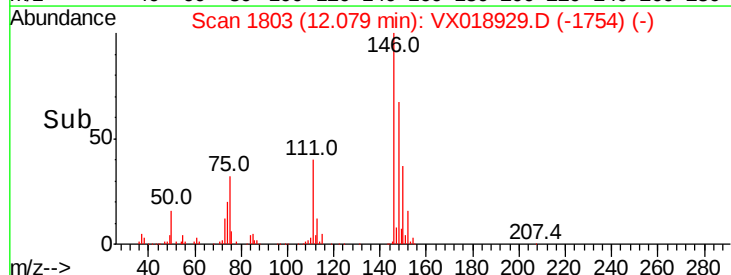
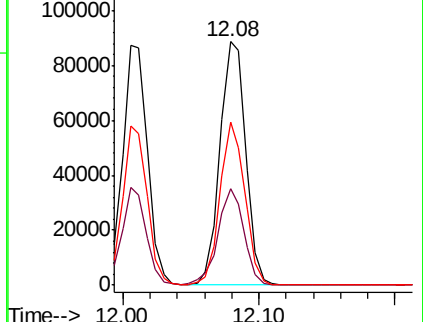
148 64.6 32.2 96.6

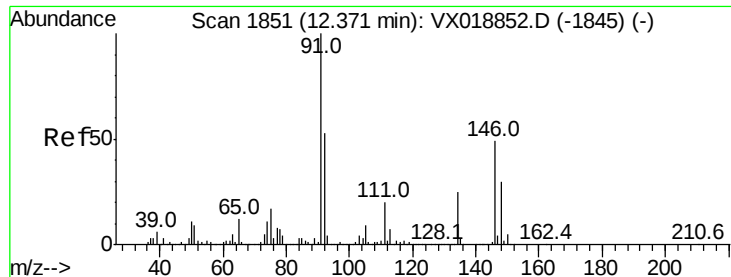


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

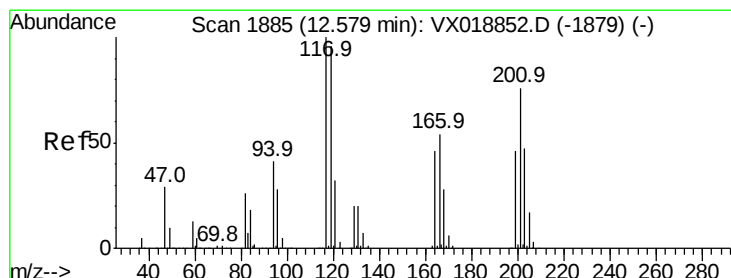
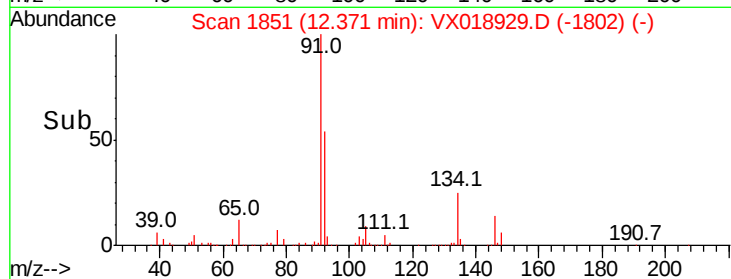
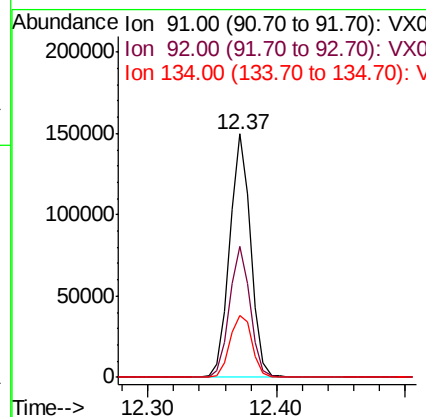
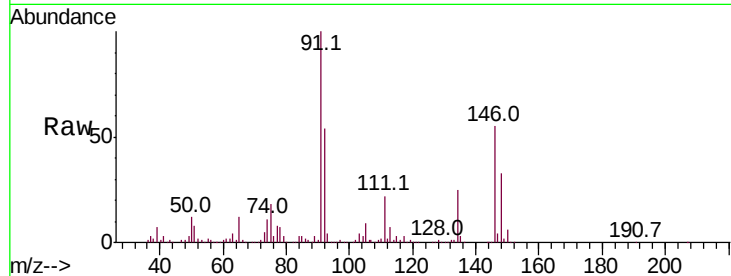




#89
n-Butylbenzene
Concen: 17.567 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. 0.00 min
Lab File: VX018929.D
Acq: 13 Oct 2020 14:04

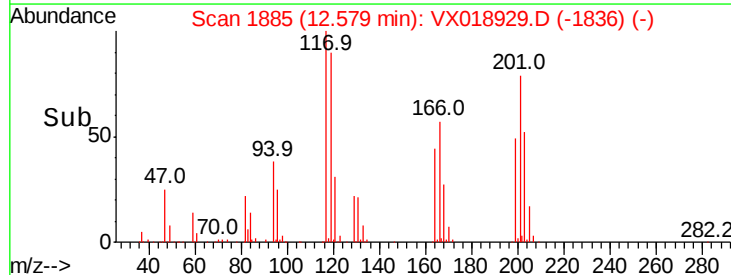
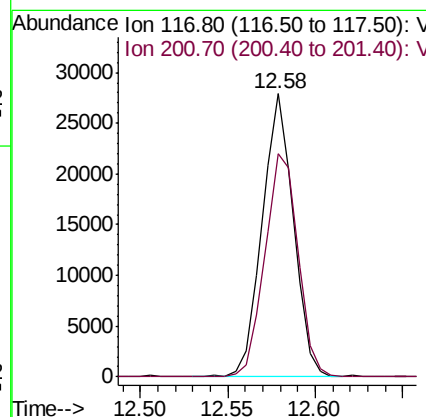
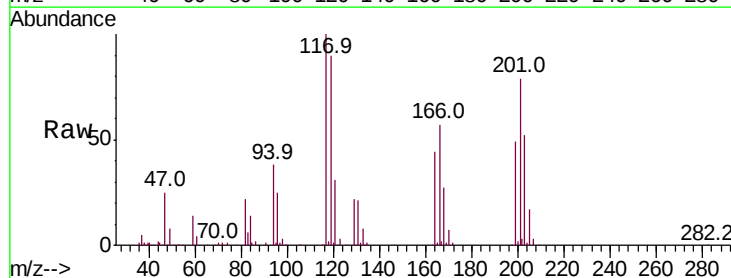
Instrument :
MSVOA_X
ClientSampleId :
VX1013WBSD01

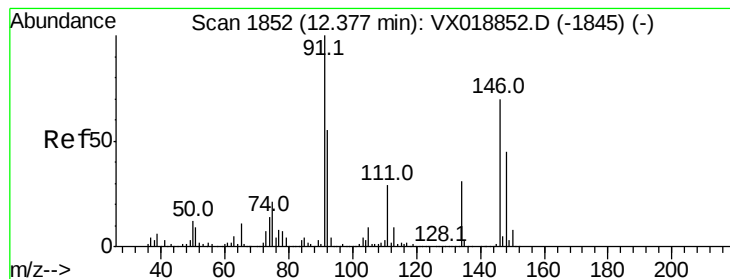
Tot Ion: 91 Resp: 172004
Ion Ratio Lower Upper
91 100
92 52.8 26.7 80.0
134 26.9 13.5 40.4



#90
Hexachloroethane
Concen: 16.581 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. 0.00 min
Lab File: VX018929.D
Acq: 13 Oct 2020 14:04

Tgt Ion: 117 Resp: 34739
Ion Ratio Lower Upper
117 100
201 83.5 37.4 112.2





#91

1,2-Dichlorobenzene

Concen: 18.229 ug/l

RT: 12.38 min Scan# 1852

Delta R.T. 0.00 min

Lab File: VX018929.D

Acq: 13 Oct 2020 14:04

Instrument :

MSVOA_X

ClientSampleId :

VX1013WBSD01

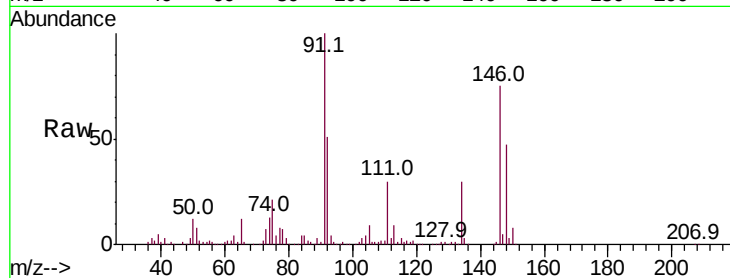
Tot Ion:146 Resp: 107754

Ion Ratio Lower Upper

146 100

111 40.5 20.6 61.9

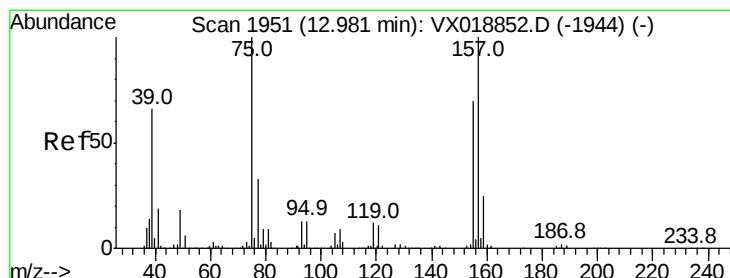
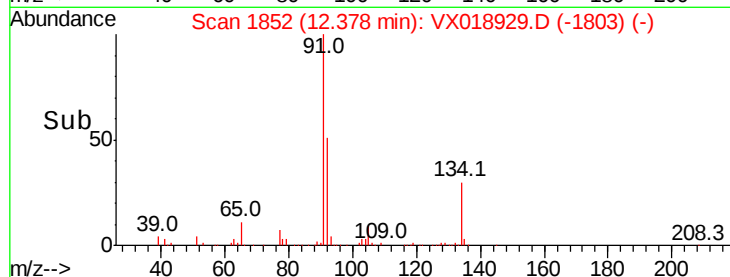
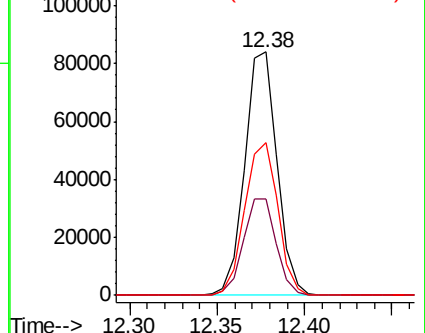
148 64.5 31.1 93.2



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 16.370 ug/l

RT: 12.98 min Scan# 1951

Delta R.T. 0.00 min

Lab File: VX018929.D

Acq: 13 Oct 2020 14:04

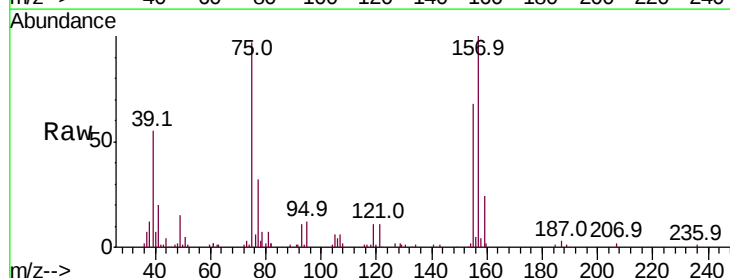
Tgt Ion: 75 Resp: 17176

Ion Ratio Lower Upper

75 100

155 82.1 38.0 113.9

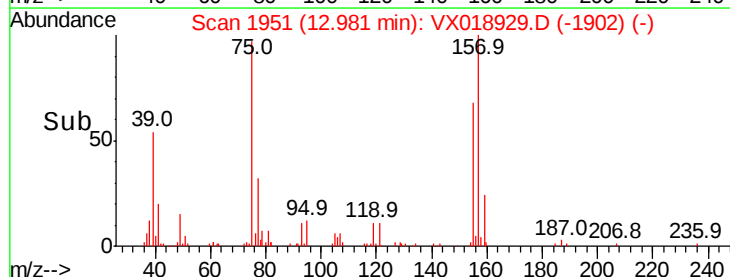
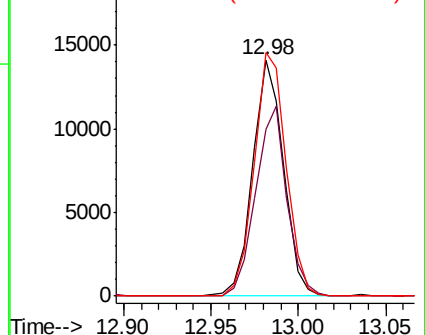
157 107.0 50.9 152.7

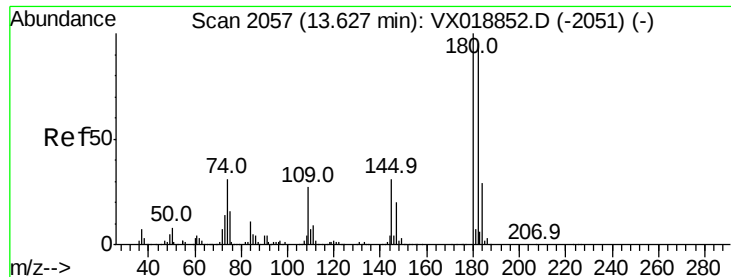


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

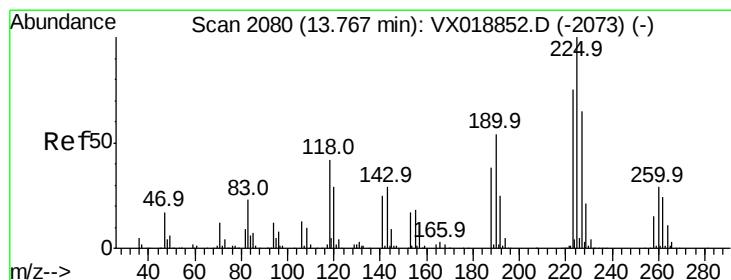
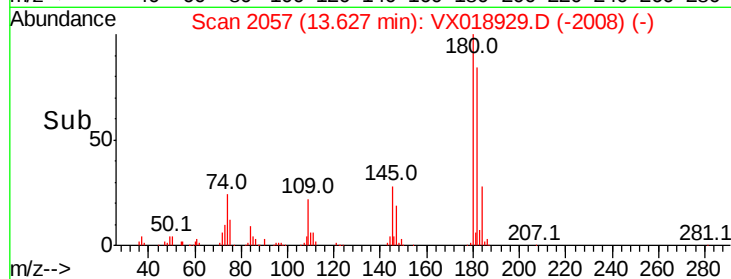
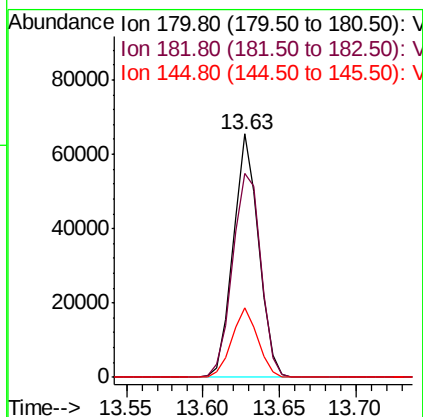
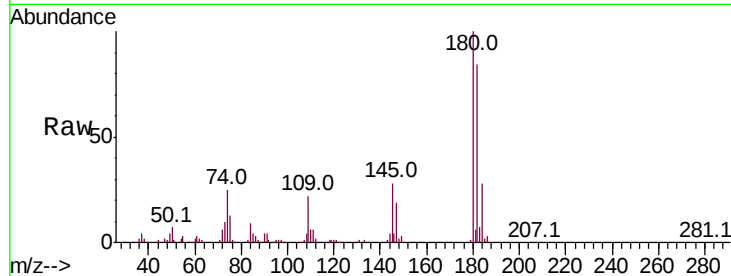




#93
 1,2,4-Trichlorobenzene
 Concen: 19.831 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. 0.00 min
 Lab File: VX018929.D
 Acq: 13 Oct 2020 14:04

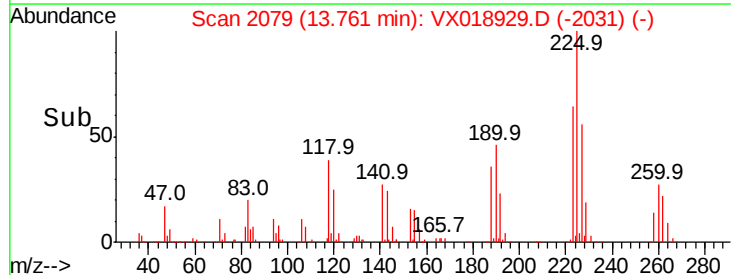
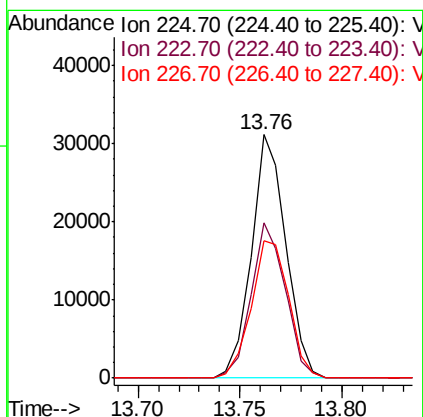
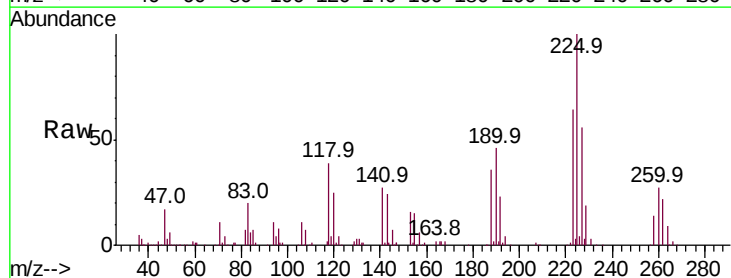
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1013WBSD01

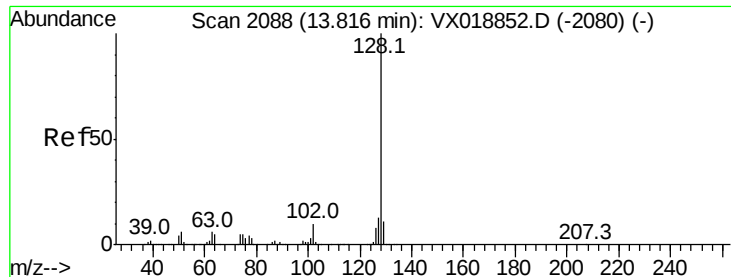
Tot Ion:180 Resp: 75204
 Ion Ratio Lower Upper
 180 100
 182 93.5 49.1 147.3
 145 29.0 16.0 48.0



#94
 Hexachlorobutadiene
 Concen: 21.744 ug/l
 RT: 13.76 min Scan# 2079
 Delta R.T. -0.01 min
 Lab File: VX018929.D
 Acq: 13 Oct 2020 14:04

Tgt Ion:225 Resp: 36625
 Ion Ratio Lower Upper
 225 100
 223 63.3 32.1 96.3
 227 61.6 33.0 98.9





#95

Naphthalene

Concen: 17.655 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. 0.00 min

Lab File: VX018929.D

Acq: 13 Oct 2020 14:04

Instrument :

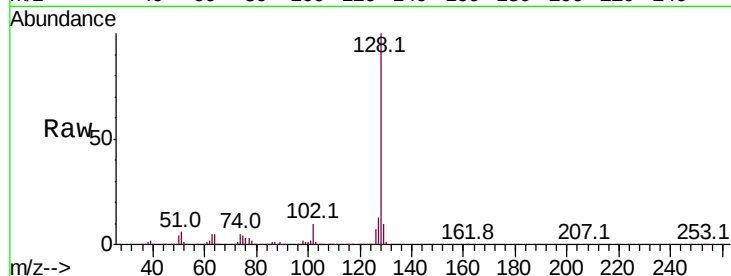
MSVOA_X

ClientSampleId :

VX1013WBSD01

Tot Ion:128 Resp: 196677

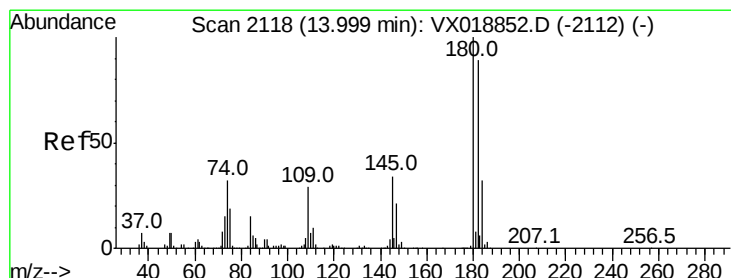
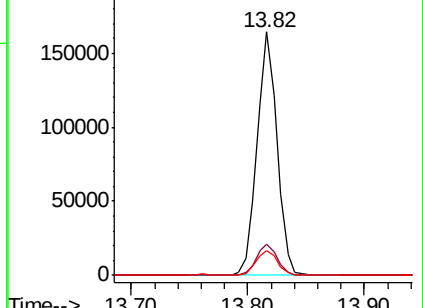
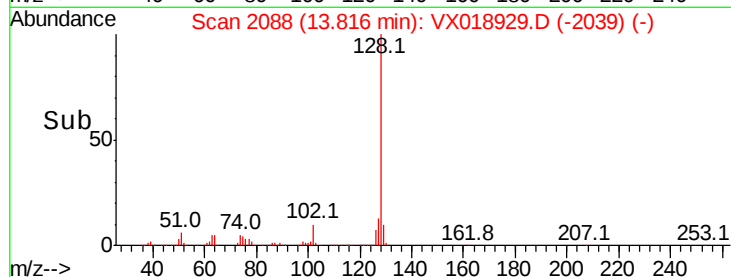
Ion	Ratio	Lower	Upper
128	100		
127	13.2	10.1	15.1
129	10.9	8.6	13.0



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 20.372 ug/l

RT: 14.00 min Scan# 2118

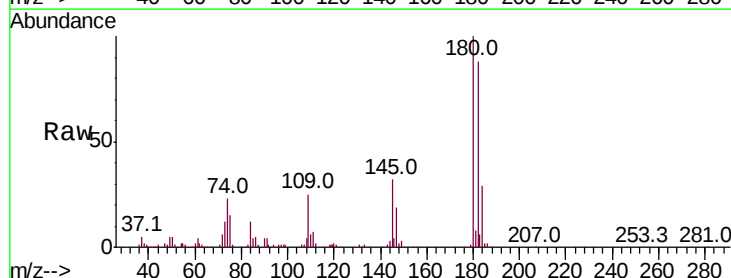
Delta R.T. 0.00 min

Lab File: VX018929.D

Acq: 13 Oct 2020 14:04

Tgt Ion:180 Resp: 75586

Ion	Ratio	Lower	Upper
180	100		
182	91.1	47.7	143.1
145	31.0	16.7	50.0



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

