

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032222\
 Data File : VX027624.D
 Acq On : 22 Mar 2022 19:02
 Operator : JC/MD
 Sample : N2028-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-114

Quant Time: Mar 23 01:50:05 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X031722W.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 17 15:02:59 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.562	168	366497	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	583745	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	525683	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	262815	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.970	65	171291	37.939	ug/l	0.01
Spiked Amount	50.000	Range	61 - 141	Recovery	=	75.880%
35) Dibromofluoromethane	5.391	113	183440	48.843	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	97.680%
50) Toluene-d8	8.653	98	658070	46.304	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	92.600%
62) 4-Bromofluorobenzene	11.085	95	264628	50.659	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	101.320%
Target Compounds						
					Qvalue	
3) Chloromethane	1.270	50	7577	2.426	ug/l #	56
5) Bromomethane	1.611	94	789	Below Cal	#	40
8) Diethyl Ether	2.136	74	2136	0.963	ug/l	88
10) Methyl Iodide	2.453	142	1040	0.222	ug/l #	94
11) Tert butyl alcohol	2.965	59	156473	181.851	ug/l #	72
13) Acrolein	2.209	56	3586	5.371	ug/l #	1
14) Allyl chloride	2.715	41	69972	13.139	ug/l #	25
15) Acrylonitrile	3.105	53	27470	14.043	ug/l #	38
16) Acetone	2.379	43	371607	201.928	ug/l	95
17) Carbon Disulfide	2.514	76	10817	1.249	ug/l	96
18) Methyl Acetate	2.703	43	40983	9.292	ug/l #	48
19) Methyl tert-butyl Ether	3.117	73	177911	15.495	ug/l #	1
20) Methylene Chloride	2.721	84	27625	6.982	ug/l #	18
22) Diisopropyl ether	3.769	45	56180	5.402	ug/l #	86
23) Vinyl Acetate	3.763	43	26061	2.882	ug/l #	66
24) 1,1-Dichloroethane	3.587	63	1828	0.289	ug/l #	81
25) 2-Butanone	4.562	43	211588	76.420	ug/l	98
26) 2,2-Dichloropropane	4.312	77	14923	2.889	ug/l #	52
29) Tetrahydrofuran	5.038	42	798	0.449	ug/l #	45
30) Chloroform	5.172	83	50725	7.270	ug/l #	23
31) Cyclohexane	5.476	56	797492	142.248	ug/l	98
36) 1,1-Dichloropropene	5.556	75	24217	4.718	ug/l #	50
37) Ethyl Acetate	4.562	43	211439	41.344	ug/l #	65
38) Carbon Tetrachloride	5.562	117	34118	5.811	ug/l #	15
39) Methylcyclohexane	7.385	83	603667	93.533	ug/l	97
40) Benzene	6.056	78	20865687	1417.068	ug/l #	86
41) Methacrylonitrile	4.952	41	12061	4.324	ug/l #	31
42) 1,2-Dichloroethane	6.098	62	280020	50.743	ug/l	90
43) Isopropyl Acetate	6.257	43	1448640	176.002	ug/l #	58
45) 1,2-Dichloropropane	7.433	63	10069	2.685	ug/l	92
46) Dibromomethane	7.561	93	1585	0.553	ug/l #	1
47) Bromodichloromethane	7.775	83	6614	1.226	ug/l #	95
48) Methyl methacrylate	7.659	41	50680	12.442	ug/l #	50
49) 1,4-Dioxane	7.464	88	57	0.545	ug/l #	1
51) 4-Methyl-2-Pentanone	8.586	43	43776	8.332	ug/l #	36
52) Toluene	8.738	92	15833868	1604.699	ug/l #	69

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 Sample : N2028-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 19 Sample Multiplier: 1

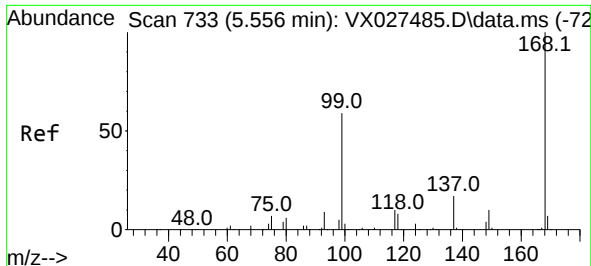
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-114

Quant Time: Mar 23 01:50:05 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X031722W.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 17 15:02:59 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

53) t-1,3-Dichloropropene	8.848	75	13656	2.466	ug/l #	66
55) 1,1,2-Trichloroethane	9.208	97	2981	0.742	ug/l #	1
56) Ethyl methacrylate	9.006	69	52661	8.761	ug/l #	42
58) 2-Chloroethyl Vinyl ether	8.305	63	822	Below Cal	#	45
59) 2-Hexanone	9.567	43	178088	44.009	ug/l	72
61) 1,2-Dibromoethane	9.616	107	3245	0.735	ug/l #	32
67) Ethyl Benzene	10.201	91	8803975	475.645	ug/l #	81
68) m/p-Xylenes	10.317	106	12755031	1750.141	ug/l #	61
69) o-Xylene	10.652	106	6760874	955.433	ug/l	75
70) Styrene	10.652	104	363837	31.475	ug/l #	1
73) Isopropylbenzene	10.963	105	843210	44.048	ug/l	100
74) N-amyl acetate	10.847	43	14753	2.173	ug/l #	1
75) 1,1,2,2-Tetrachloroethane	11.232	83	6318	1.042	ug/l #	7
76) 1,2,3-Trichloropropane	11.305	75	15685	2.853	ug/l #	1
78) n-propylbenzene	11.305	91	2416665	115.003	ug/l	97
79) 2-Chlorotoluene	11.384	91	1466115	111.221	ug/l #	40
80) 1,3,5-Trimethylbenzene	11.457	105	3781881	234.732	ug/l	97
81) trans-1,4-Dichloro-2-b...	10.963	75	9042	4.995	ug/l #	1
82) 4-Chlorotoluene	11.457	91	403564	26.889	ug/l #	45
83) tert-Butylbenzene	11.762	119	1615775	101.235	ug/l #	60
84) 1,2,4-Trimethylbenzene	11.762	105	10178483	633.472	ug/l	86
85) sec-Butylbenzene	11.762	105	10178483	527.722	ug/l #	56
86) p-Isopropyltoluene	11.975	119	168974	10.200	ug/l	97
89) n-Butylbenzene	12.323	91	351218	25.404	ug/l #	7
90) Hexachloroethane	12.536	117	69499	26.306	ug/l #	10
92) 1,2-Dibromo-3-Chloropr...	12.920	75	4763	3.425	ug/l #	2
95) Naphthalene	13.780	128	1615361	88.689	ug/l	99

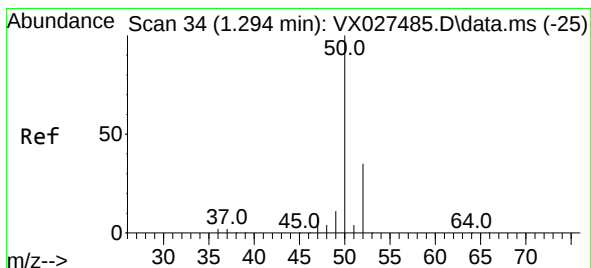
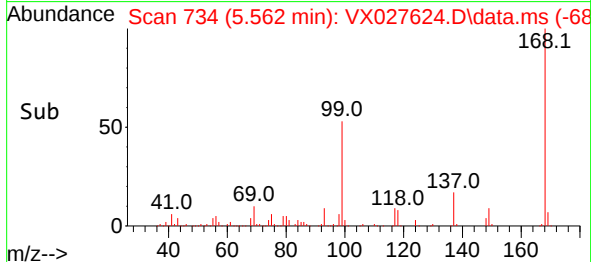
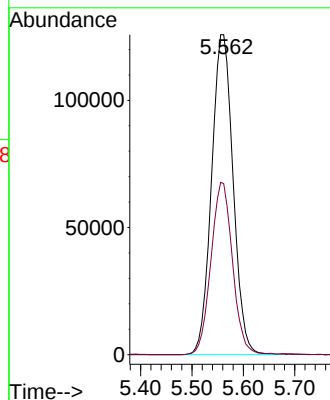
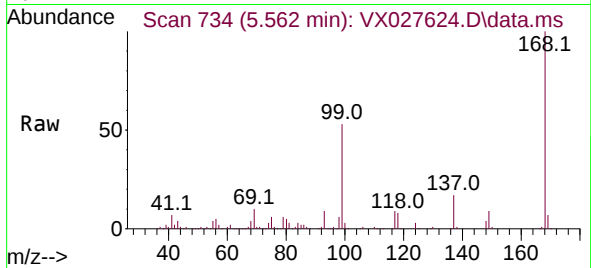
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX027624.D
Acq: 22 Mar 2022 19:02

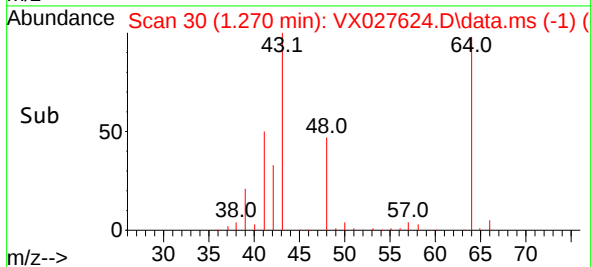
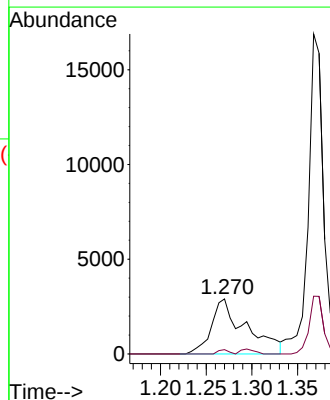
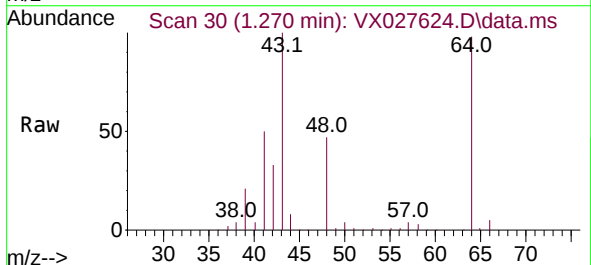
Instrument :
MSVOA_X
ClientSampleId :
MW-114

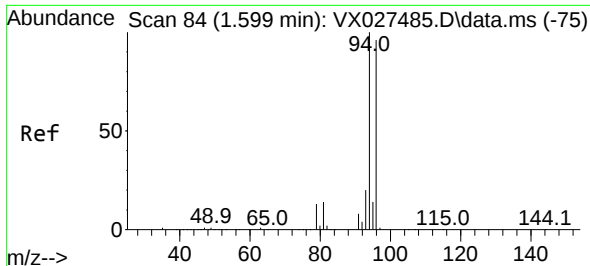
Tgt Ion:168 Resp: 366497
Ion Ratio Lower Upper
168 100
99 53.5 41.7 62.5



#3
Chloromethane
Concen: 2.426 ug/l
RT: 1.270 min Scan# 30
Delta R.T. -0.024 min
Lab File: VX027624.D
Acq: 22 Mar 2022 19:02

Tgt Ion: 50 Resp: 7577
Ion Ratio Lower Upper
50 100
52 7.9 26.4 39.6#

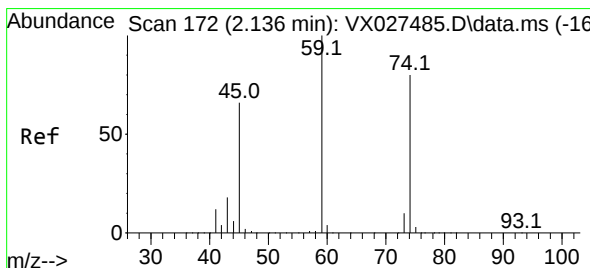
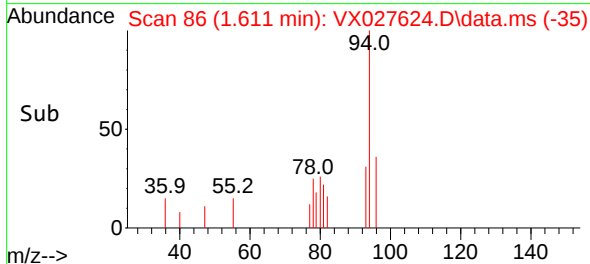
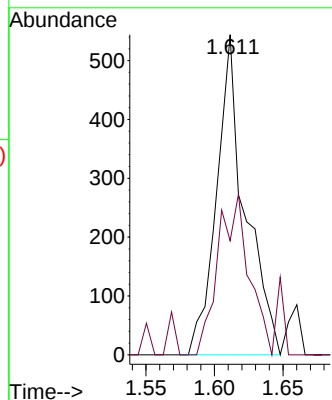
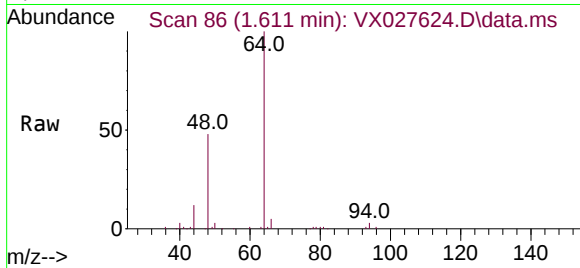




#5
Bromomethane
Concen: Below Cal
RT: 1.611 min Scan# 80
Delta R.T. 0.012 min
Lab File: VX027624.D
Acq: 22 Mar 2022 19:02

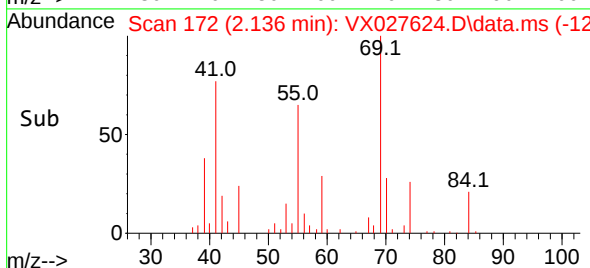
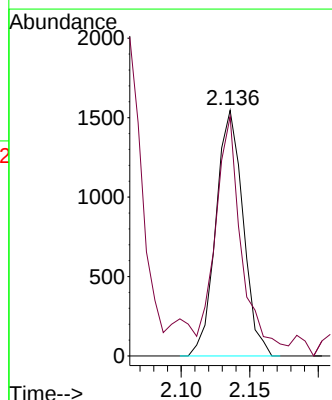
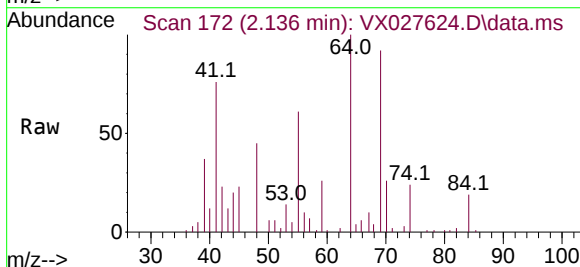
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ClientSampleId :
MW-114

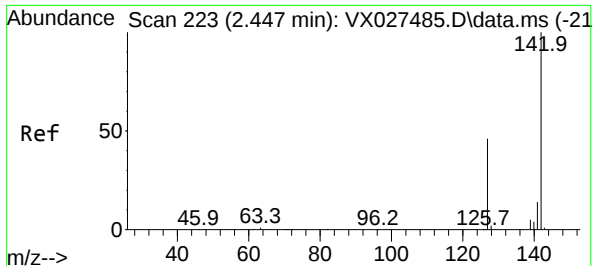
Tgt Ion: 94 Resp: 789
Ion Ratio Lower Upper
94 100
96 35.7 75.3 112.9#



#8
Diethyl Ether
Concen: 0.963 ug/l
RT: 2.136 min Scan# 172
Delta R.T. 0.000 min
Lab File: VX027624.D
Acq: 22 Mar 2022 19:02

Tgt Ion: 74 Resp: 2136
Ion Ratio Lower Upper
74 100
45 95.0 42.0 126.0

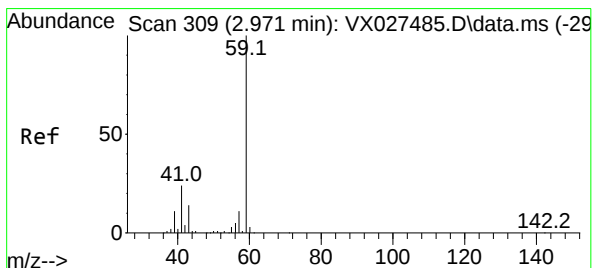
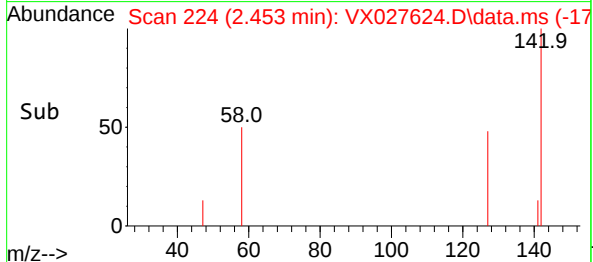
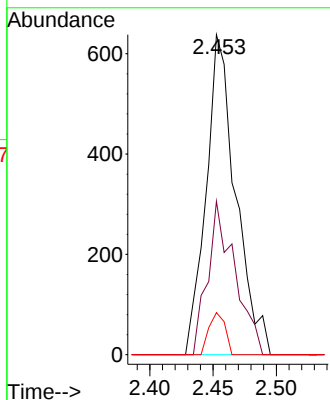
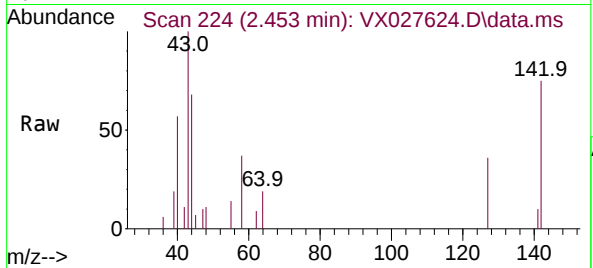




#10
Methyl Iodide
Concen: 0.222 ug/l
RT: 2.453 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX027624.D
Acq: 22 Mar 2022 19:02

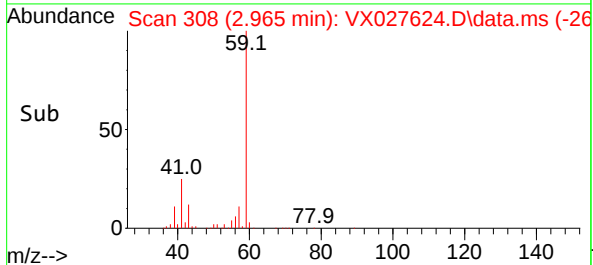
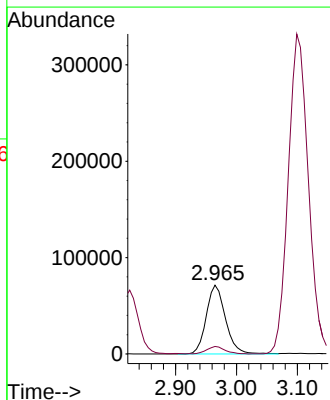
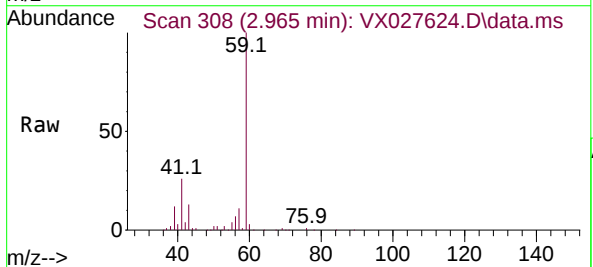
Instrument :
MSVOA_X
ClientSampleId :
MW-114

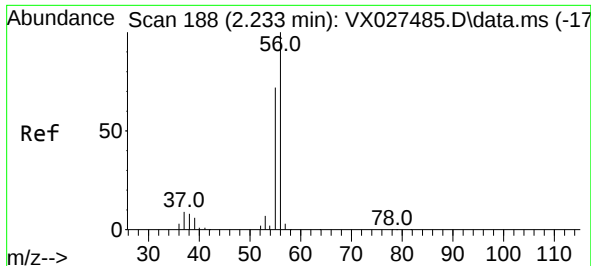
Tgt Ion:142 Resp: 1040
Ion Ratio Lower Upper
142 100
127 43.9 33.9 50.9
141 7.2 11.4 17.2#



#11
Tert butyl alcohol
Concen: 181.851 ug/l
RT: 2.965 min Scan# 308
Delta R.T. -0.006 min
Lab File: VX027624.D
Acq: 22 Mar 2022 19:02

Tgt Ion: 59 Resp: 156473
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#





#13

Acrolein

Concen: 5.371 ug/l

RT: 2.209 min Scan# 11

Delta R.T. -0.024 min

Lab File: VX027624.D

Acq: 22 Mar 2022 19:02

Instrument :

MSVOA_X

ClientSampleId :

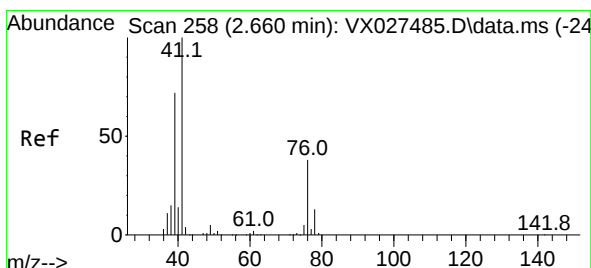
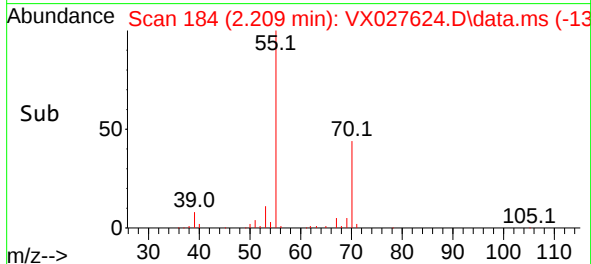
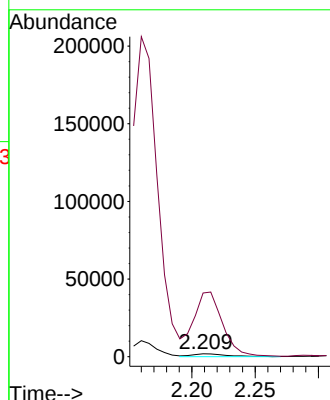
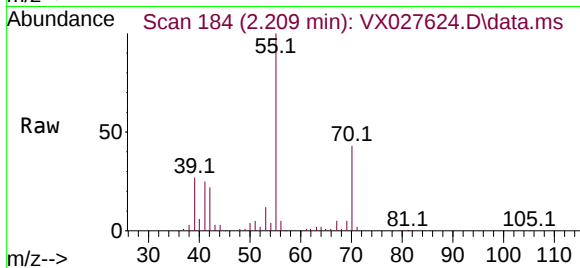
MW-114

Tgt Ion: 56 Resp: 3586

Ion Ratio Lower Upper

56 100

55 1825.8 55.0 82.6#



#14

Allyl chloride

Concen: 13.139 ug/l

RT: 2.715 min Scan# 267

Delta R.T. 0.055 min

Lab File: VX027624.D

Acq: 22 Mar 2022 19:02

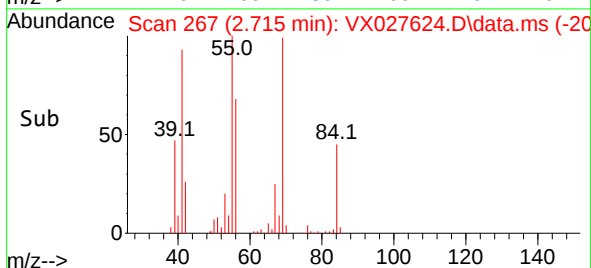
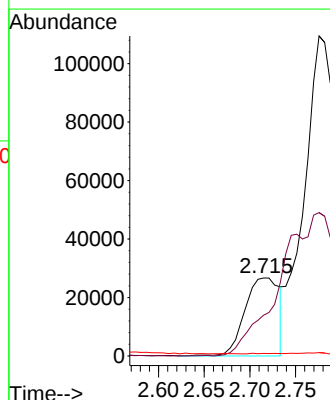
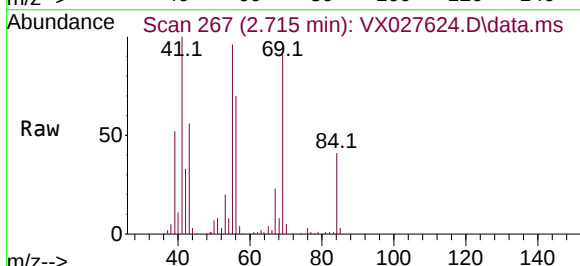
Tgt Ion: 41 Resp: 69972

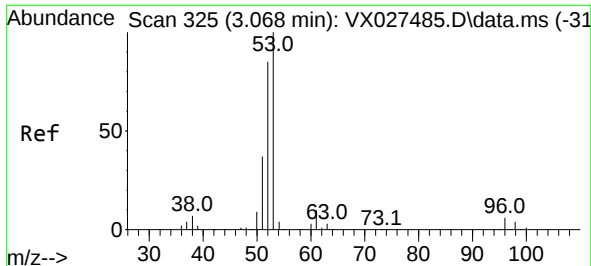
Ion Ratio Lower Upper

41 100

39 0.0 50.4 75.6#

76 0.0 32.7 49.1#





#15

Acrylonitrile

Concen: 14.043 ug/l

RT: 3.105 min Scan# 31

Delta R.T. 0.037 min

Lab File: VX027624.D

Acq: 22 Mar 2022 19:02

Instrument :

MSVOA_X

ClientSampleId :

MW-114

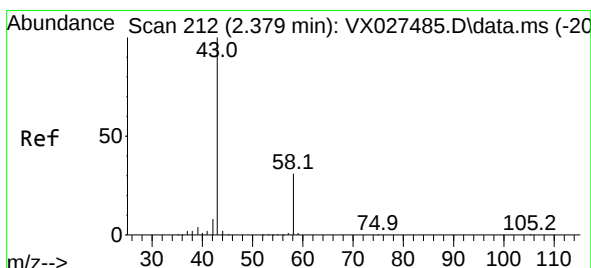
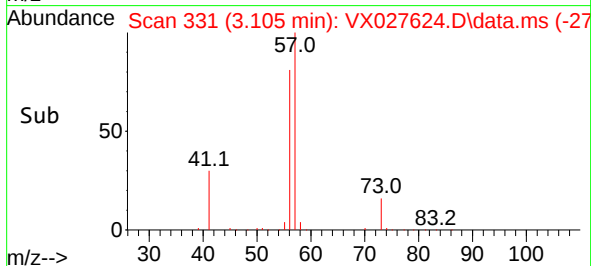
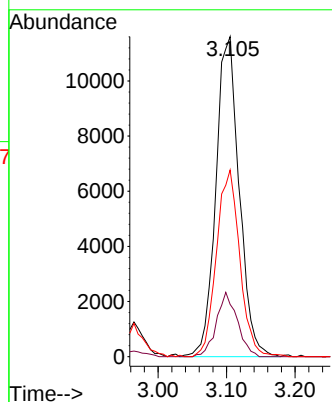
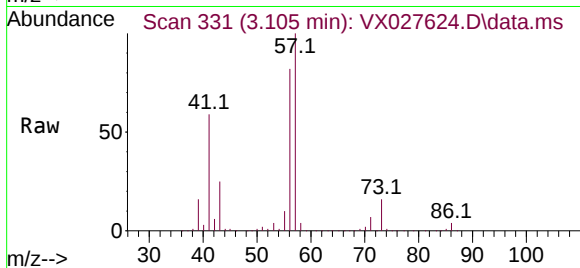
Tgt Ion: 53 Resp: 27470

Ion Ratio Lower Upper

53 100

52 18.0 65.7 98.5#

51 58.2 28.4 42.6#



#16

Acetone

Concen: 201.928 ug/l

RT: 2.379 min Scan# 212

Delta R.T. 0.000 min

Lab File: VX027624.D

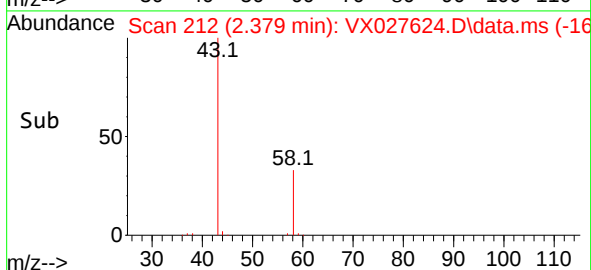
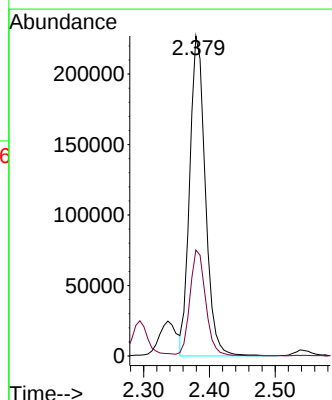
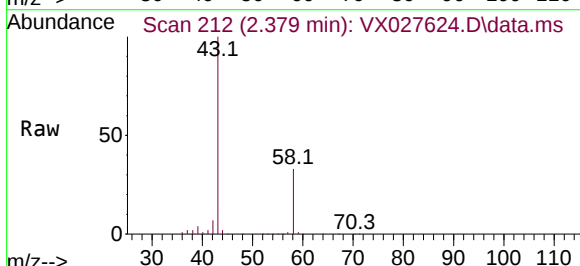
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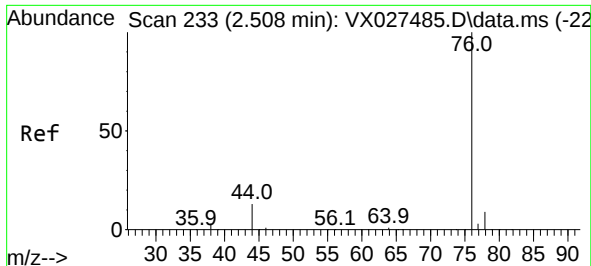
Tgt Ion: 43 Resp: 371607

Ion Ratio Lower Upper

43 100

58 33.0 28.8 43.2

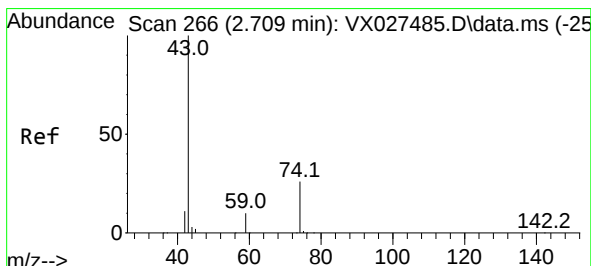
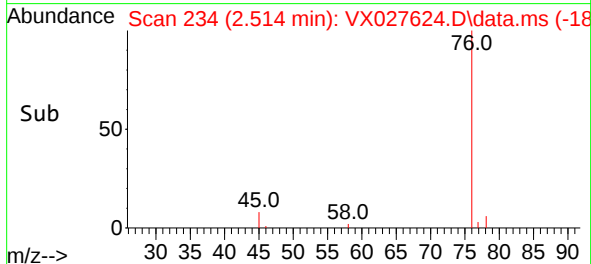
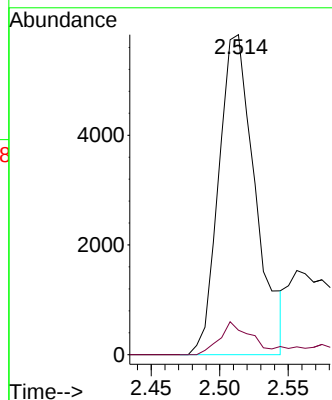
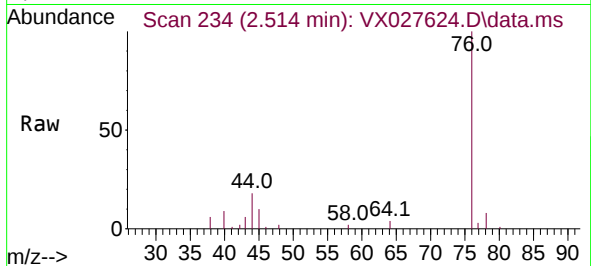




#17
Carbon Disulfide
Concen: 1.249 ug/l
RT: 2.514 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX027624.D
Acq: 22 Mar 2022 19:02

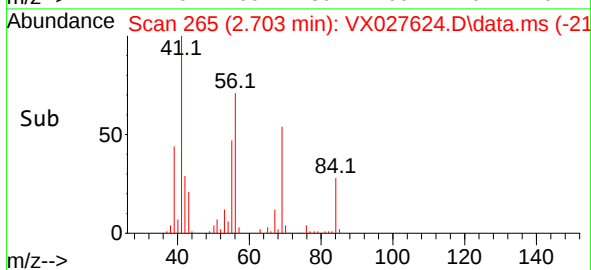
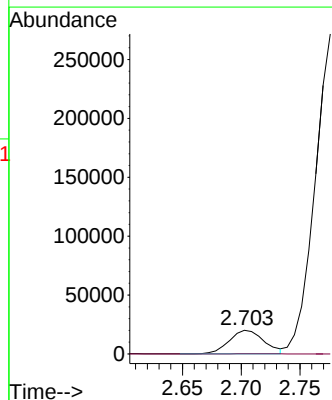
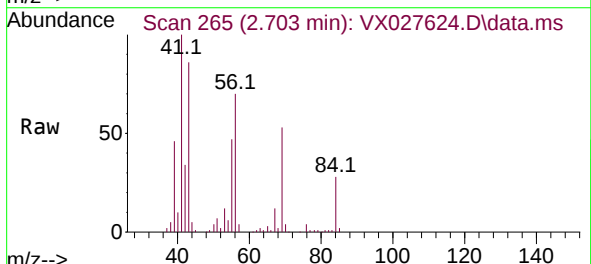
Instrument :
MSVOA_X
ClientSampleId :
MW-114

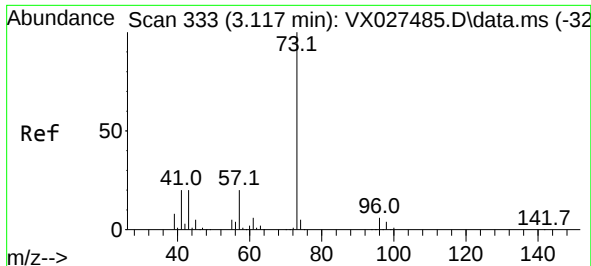
Tgt Ion: 76 Resp: 10817
Ion Ratio Lower Upper
76 100
78 7.6 7.2 10.8



#18
Methyl Acetate
Concen: 9.292 ug/l
RT: 2.703 min Scan# 265
Delta R.T. -0.006 min
Lab File: VX027624.D
Acq: 22 Mar 2022 19:02

Tgt Ion: 43 Resp: 40983
Ion Ratio Lower Upper
43 100
74 0.8 22.8 34.2#

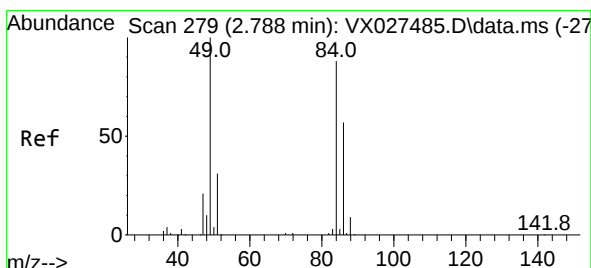
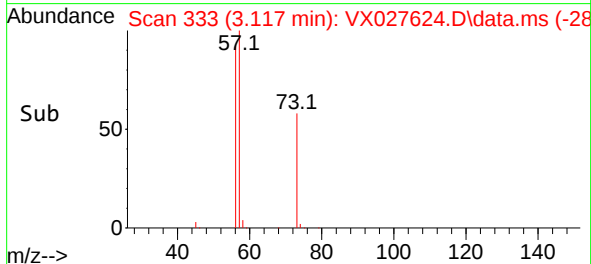
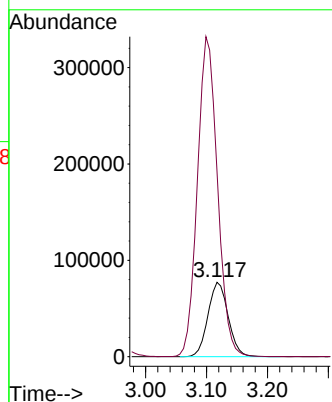
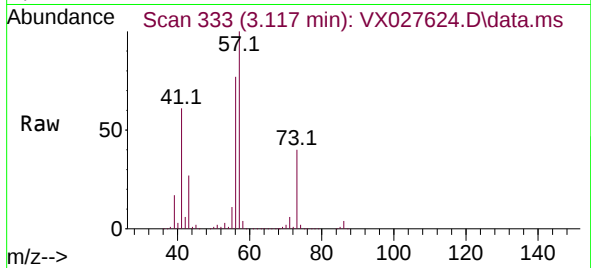




#19
Methyl tert-butyl Ether
Concen: 15.495 ug/l
RT: 3.117 min Scan# 311
Delta R.T. 0.000 min
Lab File: VX027624.D
Acq: 22 Mar 2022 19:02

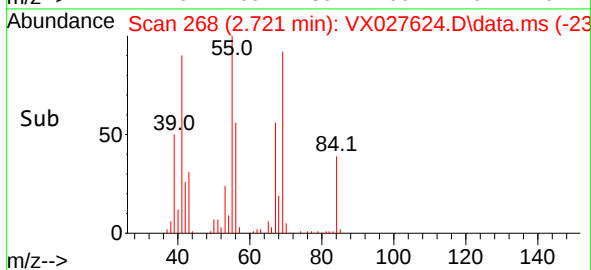
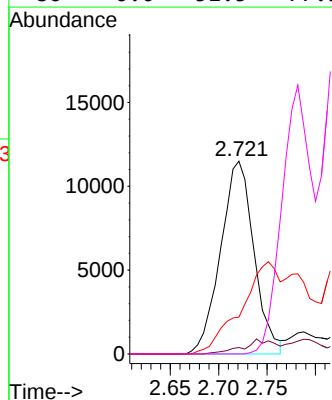
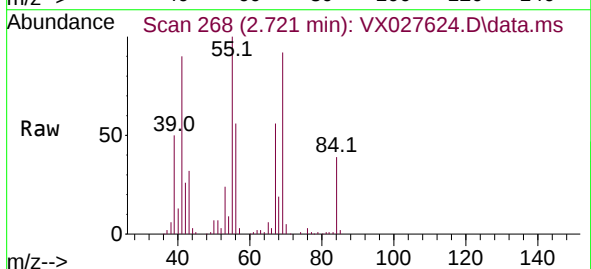
Instrument :
MSVOA_X
ClientSampleId :
MW-114

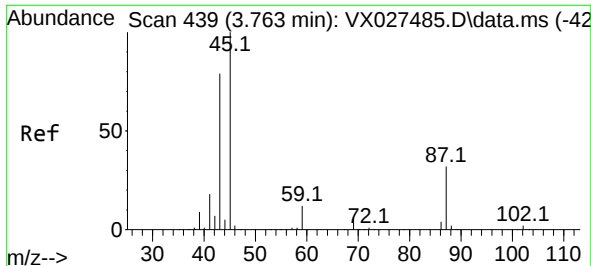
Tgt Ion: 73 Resp: 177911
Ion Ratio Lower Upper
73 100
57 249.0 16.8 25.2#



#20
Methylene Chloride
Concen: 6.982 ug/l
RT: 2.721 min Scan# 268
Delta R.T. -0.067 min
Lab File: VX027624.D
Acq: 22 Mar 2022 19:02

Tgt Ion: 84 Resp: 27625
Ion Ratio Lower Upper
84 100
49 3.3 85.5 128.3#
51 19.1 26.6 39.8#
86 0.0 51.5 77.3#

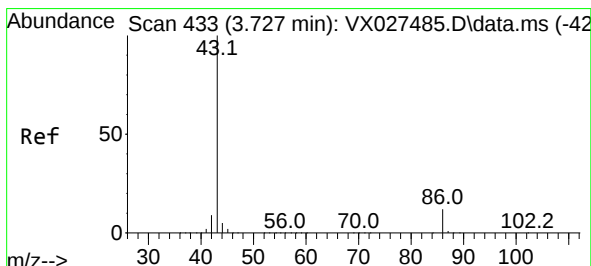
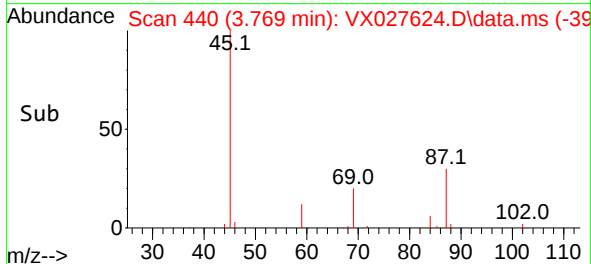
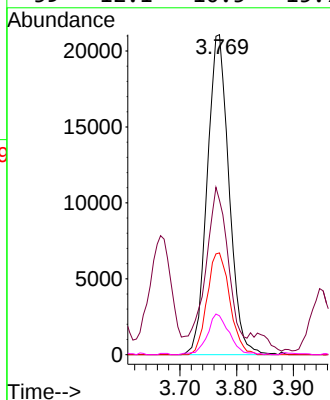
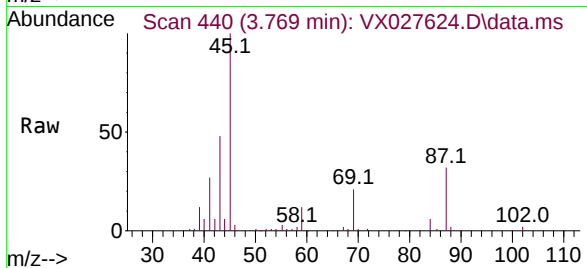




#22
Diisopropyl ether
Concen: 5.402 ug/l
RT: 3.769 min Scan# 440
Delta R.T. 0.006 min
Lab File: VX027624.D
Acq: 22 Mar 2022 19:02

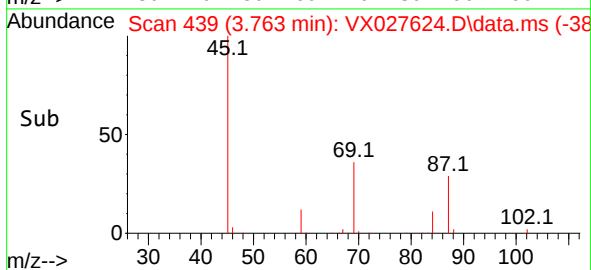
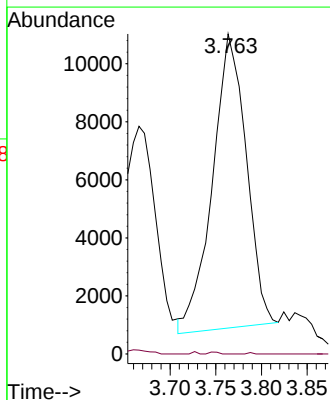
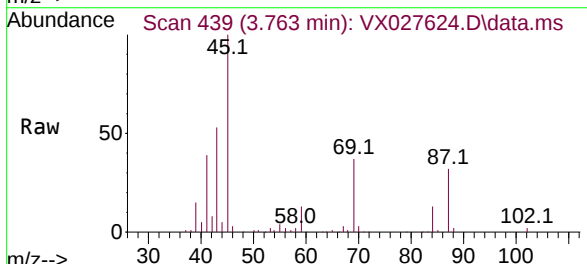
Instrument :
MSVOA_X
ClientSampleId :
MW-114

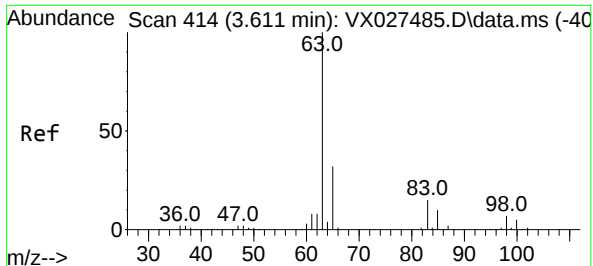
Tgt Ion:	45	Resp:	56180
Ion	Ratio	Lower	Upper
45	100		
43	46.7	50.8	76.2#
87	31.8	26.6	39.8
59	12.1	10.5	15.7



#23
Vinyl Acetate
Concen: 2.882 ug/l
RT: 3.763 min Scan# 439
Delta R.T. 0.037 min
Lab File: VX027624.D
Acq: 22 Mar 2022 19:02

Tgt Ion:	43	Resp:	26061
Ion	Ratio	Lower	Upper
43	100		
86	0.0	10.8	16.2#

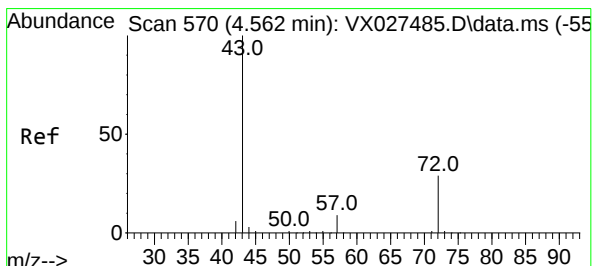
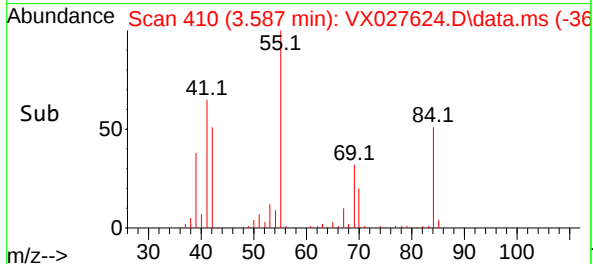
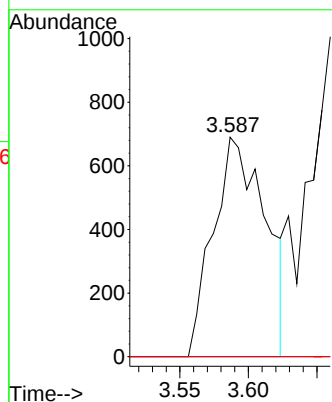
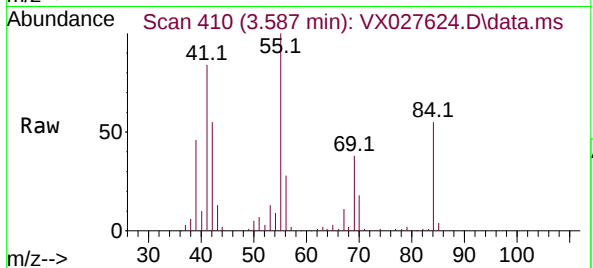




#24
1,1-Dichloroethane
Concen: 0.289 ug/l
RT: 3.587 min Scan# 414
Delta R.T. -0.024 min
Lab File: VX027624.D
Acq: 22 Mar 2022 19:02

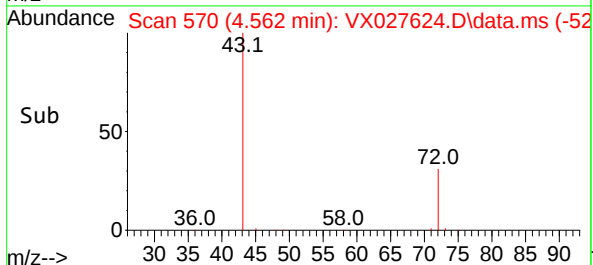
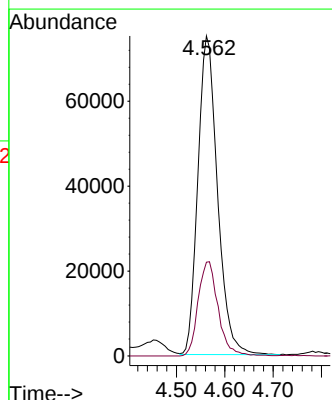
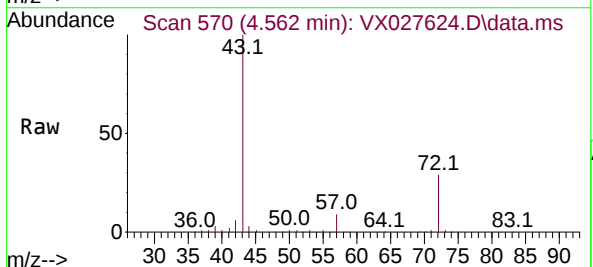
Instrument :
MSVOA_X
ClientSampleId :
MW-114

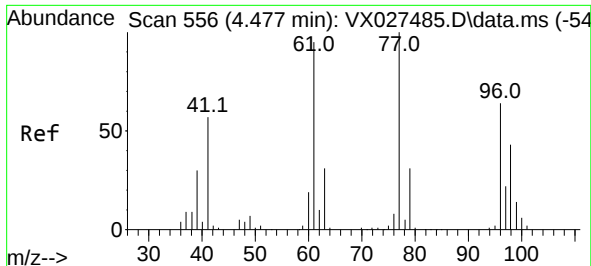
Tgt Ion: 63 Resp: 1828
Ion Ratio Lower Upper
63 100
98 0.0 3.9 11.7#
100 0.0 2.4 7.2#



#25
2-Butanone
Concen: 76.420 ug/l
RT: 4.562 min Scan# 570
Delta R.T. 0.000 min
Lab File: VX027624.D
Acq: 22 Mar 2022 19:02

Tgt Ion: 43 Resp: 211588
Ion Ratio Lower Upper
43 100
72 29.4 24.4 36.6





#26

2,2-Dichloropropane

Concen: 2.889 ug/l

RT: 4.312 min Scan# 51

Delta R.T. -0.165 min

Lab File: VX027624.D

Acq: 22 Mar 2022 19:02

Instrument :

MSVOA_X

ClientSampleId :

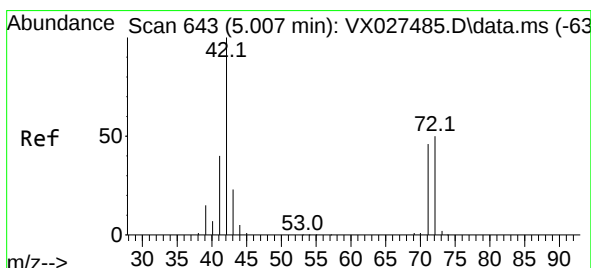
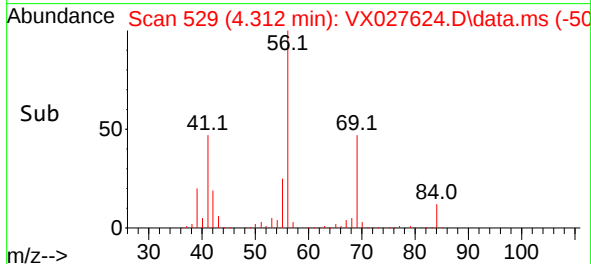
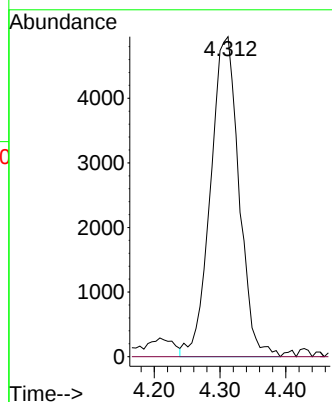
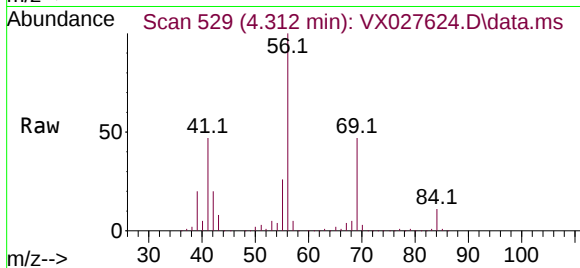
MW-114

Tgt Ion: 77 Resp: 14923

Ion Ratio Lower Upper

77 100

97 0.0 11.8 35.4#



#29

Tetrahydrofuran

Concen: 0.449 ug/l

RT: 5.038 min Scan# 648

Delta R.T. 0.030 min

Lab File: VX027624.D

Acq: 22 Mar 2022 19:02

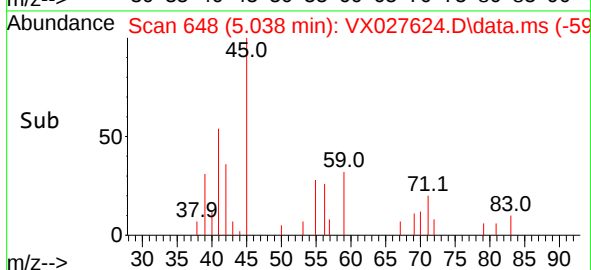
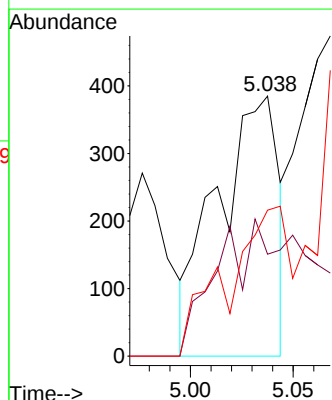
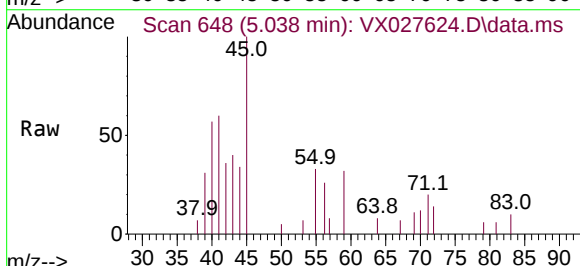
Tgt Ion: 42 Resp: 798

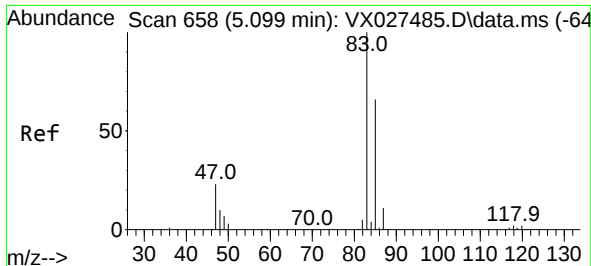
Ion Ratio Lower Upper

42 100

72 27.2 44.1 66.1#

71 0.0 40.5 60.7#

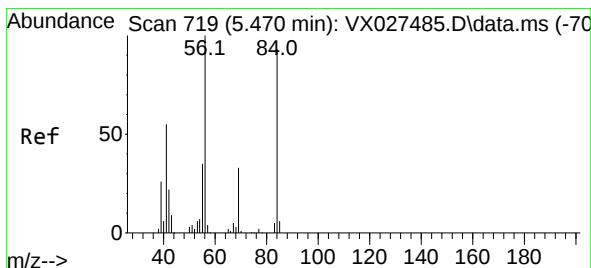
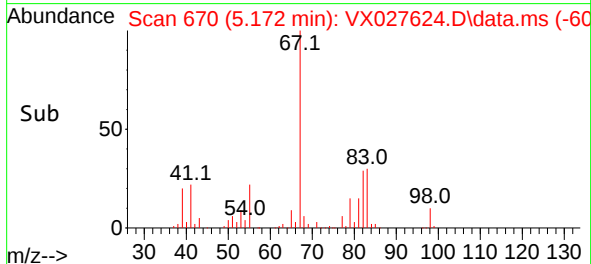
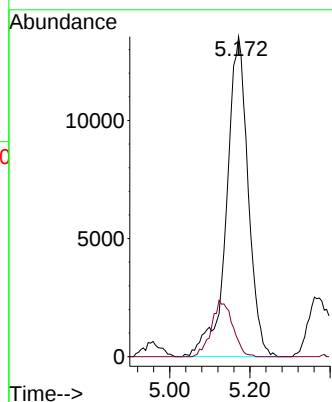
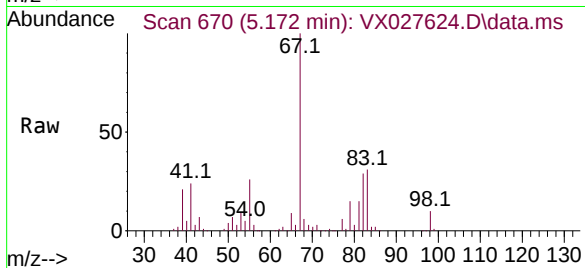




#30
Chloroform
Concen: 7.270 ug/l
RT: 5.172 min Scan# 61
Delta R.T. 0.073 min
Lab File: VX027624.D
Acq: 22 Mar 2022 19:02

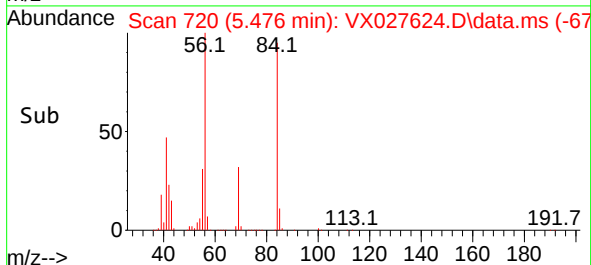
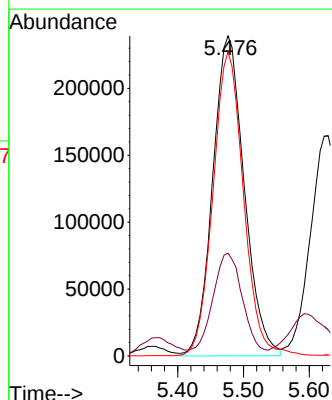
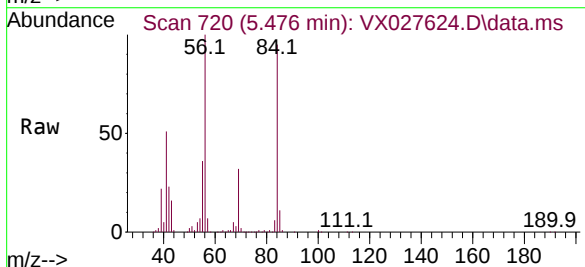
Instrument :
MSVOA_X
ClientSampleId :
MW-114

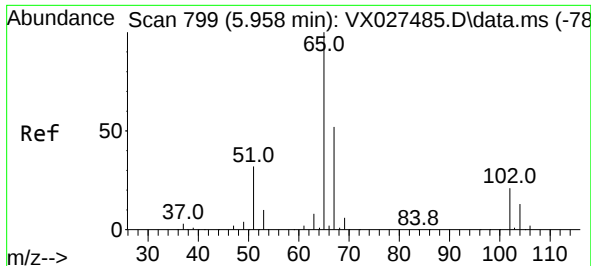
Tgt Ion: 83 Resp: 50725
Ion Ratio Lower Upper
83 100
85 4.9 52.7 79.1#



#31
Cyclohexane
Concen: 142.248 ug/l
RT: 5.476 min Scan# 720
Delta R.T. 0.006 min
Lab File: VX027624.D
Acq: 22 Mar 2022 19:02

Tgt Ion: 56 Resp: 797492
Ion Ratio Lower Upper
56 100
69 29.8 26.7 40.1
84 95.6 77.2 115.8





#33

1,2-Dichloroethane-d4

Concen: 37.939 ug/l

RT: 5.970 min Scan# 801

Delta R.T. 0.012 min

Lab File: VX027624.D

Acq: 22 Mar 2022 19:02

Instrument :

MSVOA_X

ClientSampleId :

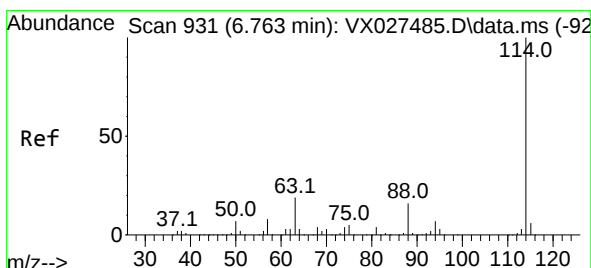
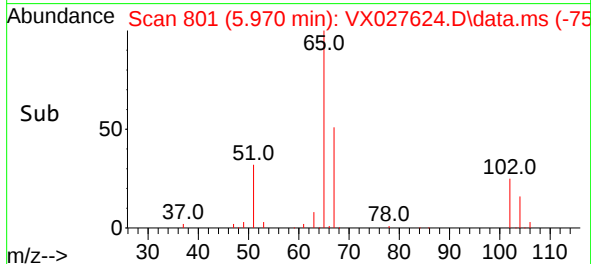
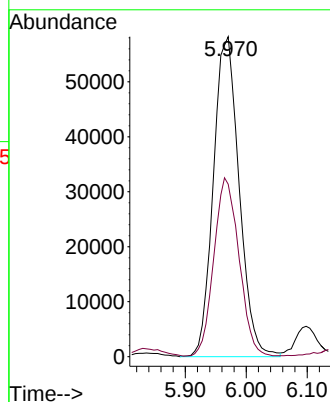
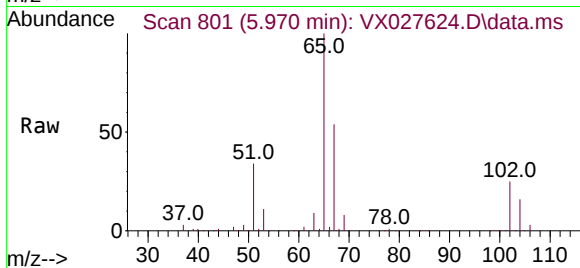
MW-114

Tgt Ion: 65 Resp: 171291

Ion Ratio Lower Upper

65 100

67 54.3 0.0 107.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.769 min Scan# 932

Delta R.T. 0.006 min

Lab File: VX027624.D

Acq: 22 Mar 2022 19:02

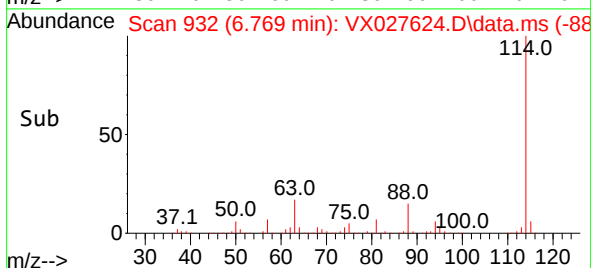
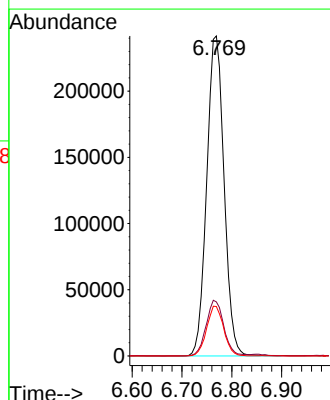
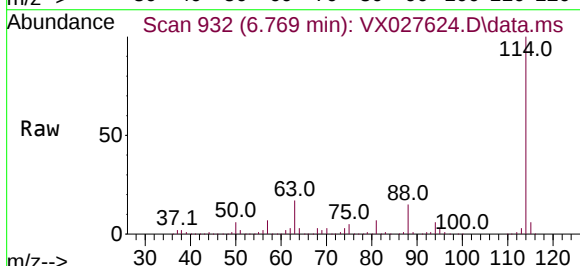
Tgt Ion: 114 Resp: 583745

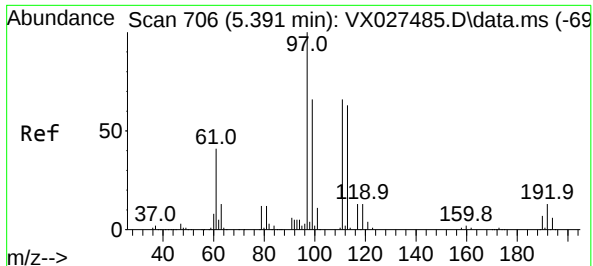
Ion Ratio Lower Upper

114 100

63 16.9 0.0 36.8

88 15.4 0.0 32.4

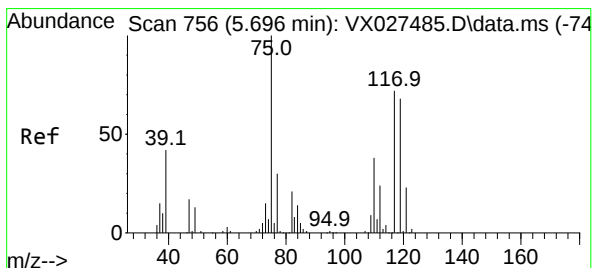
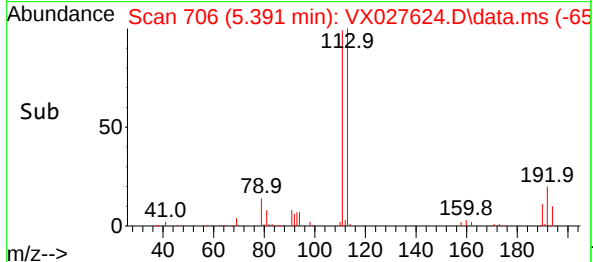
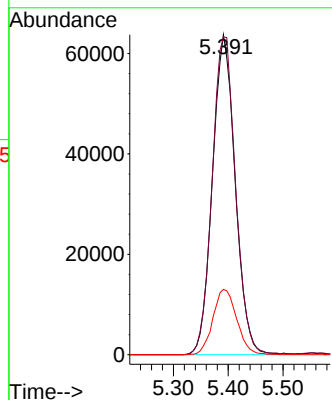
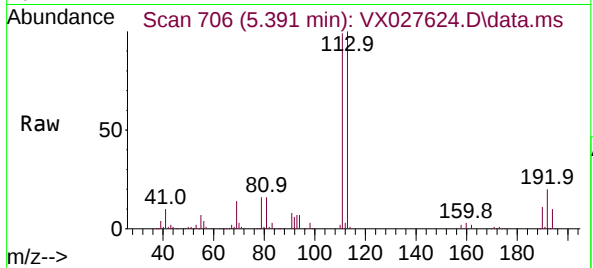




#35
Dibromofluoromethane
Concen: 48.843 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX027624.D
Acq: 22 Mar 2022 19:02

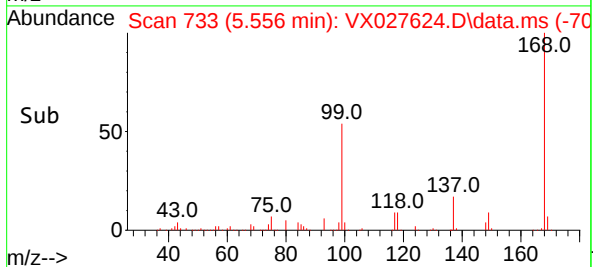
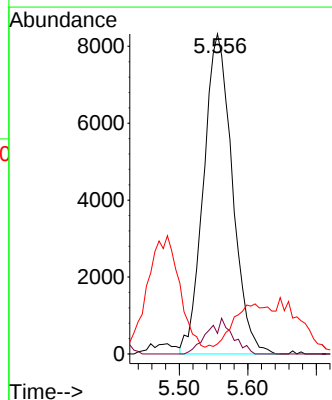
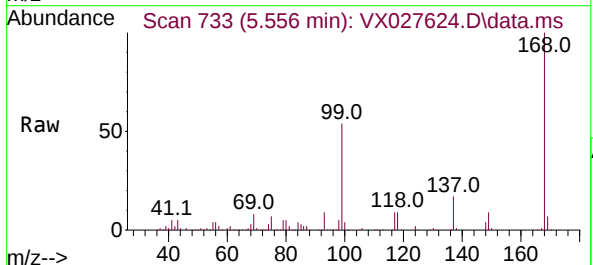
Instrument :
MSVOA_X
ClientSampleId :
MW-114

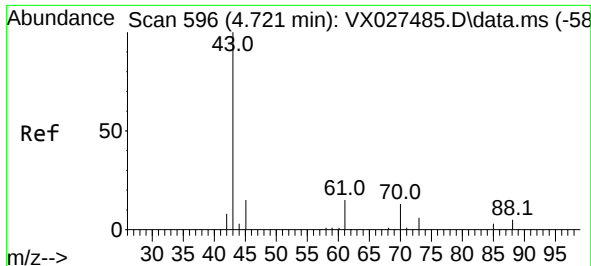
Tgt Ion:113 Resp: 183440
Ion Ratio Lower Upper
113 100
111 102.5 82.8 124.2
192 21.4 16.9 25.3



#36
1,1-Dichloropropene
Concen: 4.718 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.140 min
Lab File: VX027624.D
Acq: 22 Mar 2022 19:02

Tgt Ion: 75 Resp: 24217
Ion Ratio Lower Upper
75 100
110 9.8 18.3 54.8#
77 0.0 24.8 37.2#





#37

Ethyl Acetate

Concen: 41.344 ug/l

RT: 4.562 min Scan# 51

Delta R.T. -0.159 min

Lab File: VX027624.D

Acq: 22 Mar 2022 19:02

Instrument :

MSVOA_X

ClientSampleId :

MW-114

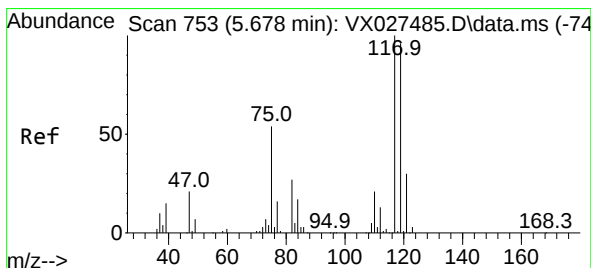
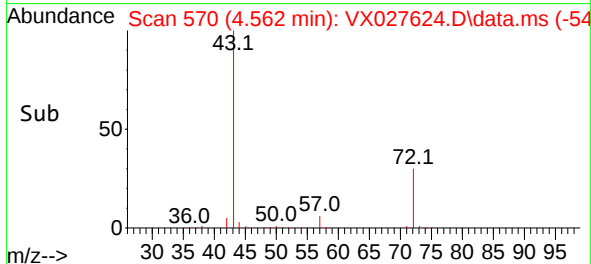
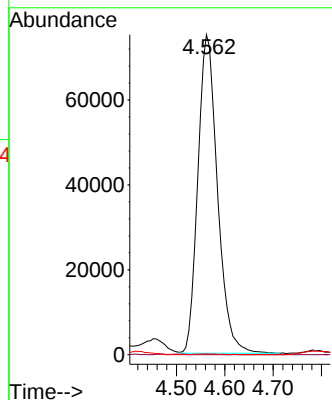
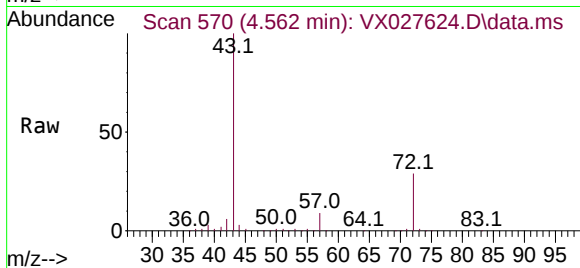
Tgt Ion: 43 Resp: 211439

Ion Ratio Lower Upper

43 100

61 0.0 12.6 19.0#

70 0.2 10.2 15.2#



#38

Carbon Tetrachloride

Concen: 5.811 ug/l

RT: 5.562 min Scan# 734

Delta R.T. -0.116 min

Lab File: VX027624.D

Acq: 22 Mar 2022 19:02

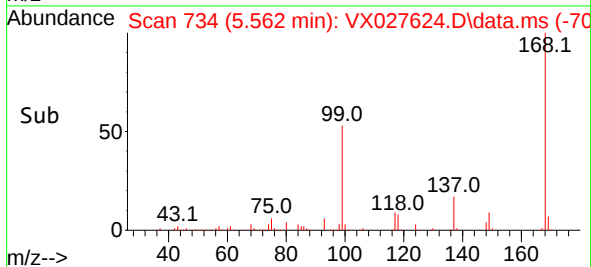
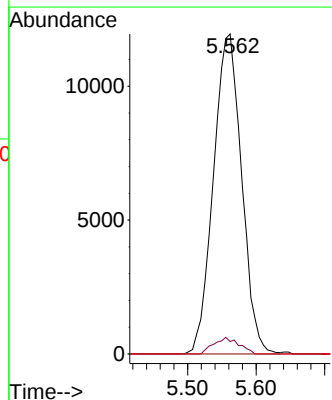
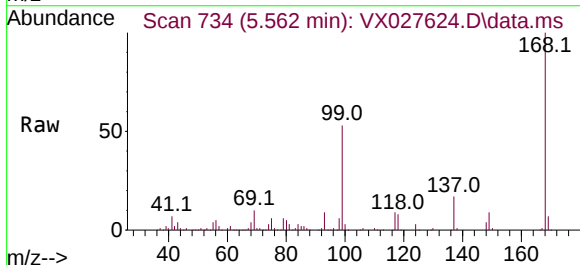
Tgt Ion: 117 Resp: 34118

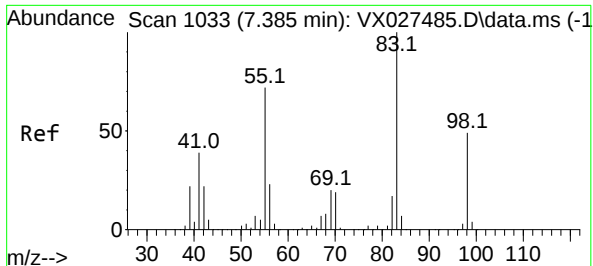
Ion Ratio Lower Upper

117 100

119 3.9 77.3 115.9#

121 0.0 24.2 36.2#





#39

Methylcyclohexane

Concen: 93.533 ug/l

RT: 7.385 min Scan# 1033

Delta R.T. 0.000 min

Lab File: VX027624.D

Acq: 22 Mar 2022 19:02

Instrument :

MSVOA_X

ClientSampleId :

MW-114

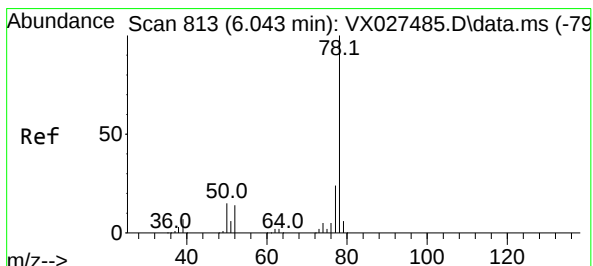
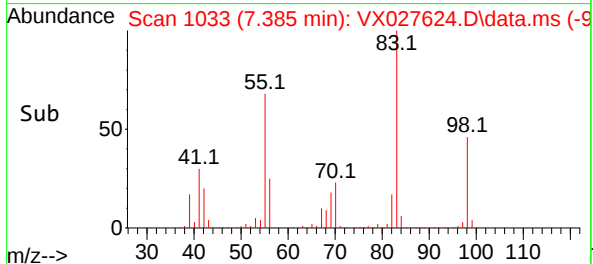
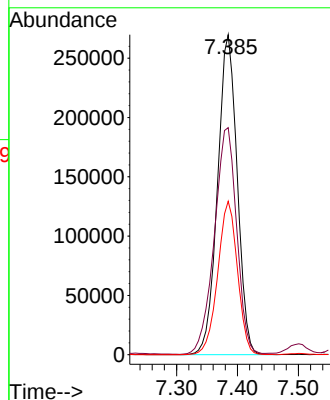
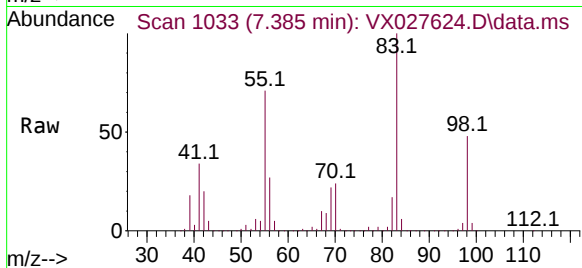
Tgt Ion: 83 Resp: 603667

Ion Ratio Lower Upper

83 100

55 70.8 54.6 81.8

98 47.9 37.4 56.2



#40

Benzene

Concen: 1417.068 ug/l

RT: 6.056 min Scan# 815

Delta R.T. 0.012 min

Lab File: VX027624.D

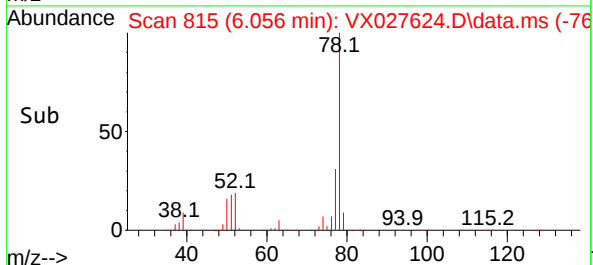
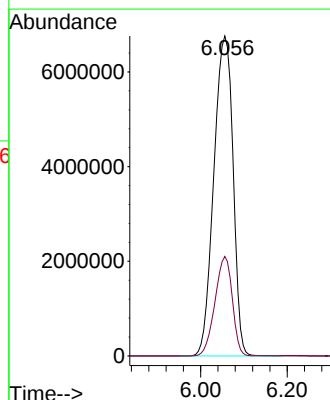
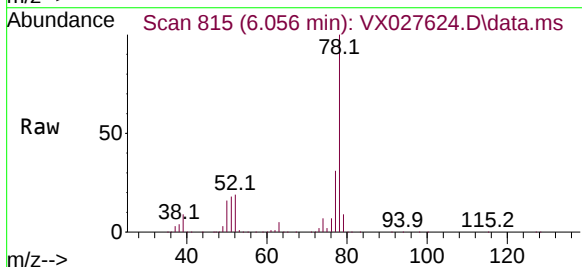
Acq: 22 Mar 2022 19:02

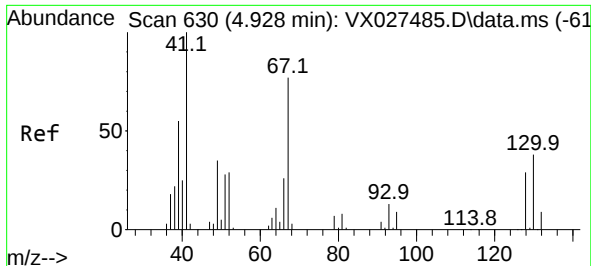
Tgt Ion: 78 Resp: 20865687

Ion Ratio Lower Upper

78 100

77 31.1 19.3 28.9#

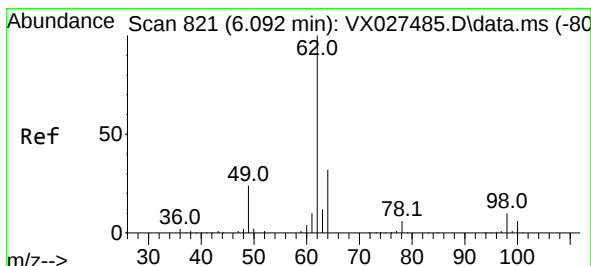
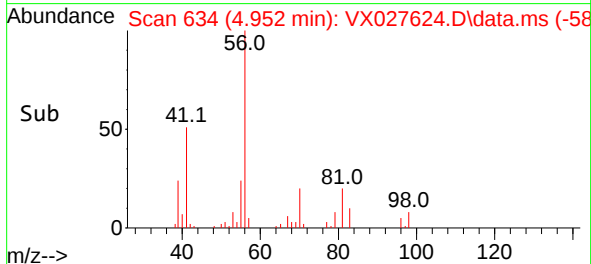
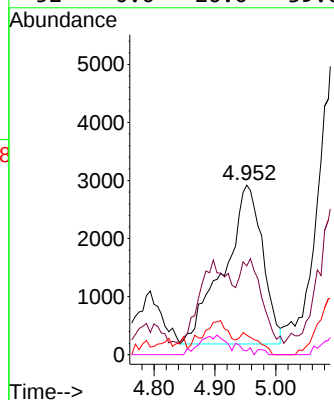
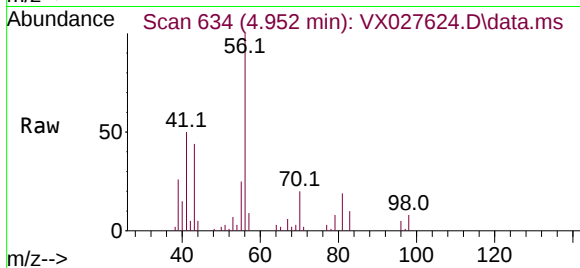




#41
Methacrylonitrile
Concen: 4.324 ug/l
RT: 4.952 min Scan# 61
Delta R.T. 0.024 min
Lab File: VX027624.D
Acq: 22 Mar 2022 19:02

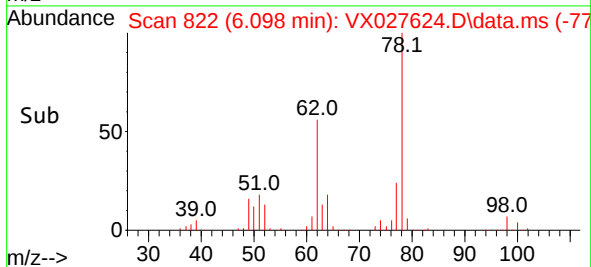
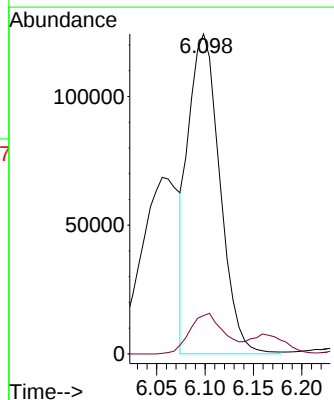
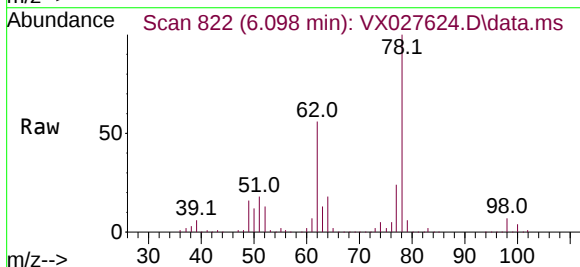
Instrument :
MSVOA_X
ClientSampleId :
MW-114

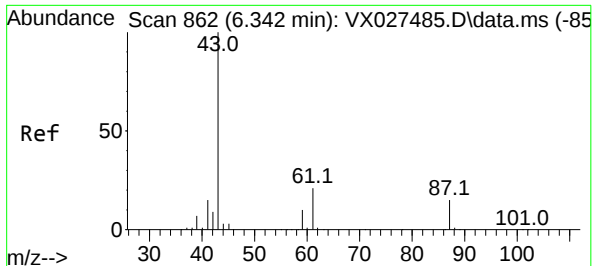
Tgt Ion:	41	Resp:	12061
Ion	Ratio	Lower	Upper
41	100		
39	29.9	43.0	64.4#
67	0.0	70.2	105.4#
52	0.0	26.0	39.0#



#42
1,2-Dichloroethane
Concen: 50.743 ug/l
RT: 6.098 min Scan# 822
Delta R.T. 0.006 min
Lab File: VX027624.D
Acq: 22 Mar 2022 19:02

Tgt Ion:	62	Resp:	280020
Ion	Ratio	Lower	Upper
62	100		
98	13.9	0.0	20.4





#43

Isopropyl Acetate

Concen: 176.002 ug/l

RT: 6.257 min Scan# 84

Delta R.T. -0.085 min

Lab File: VX027624.D

Acq: 22 Mar 2022 19:02

Instrument :

MSVOA_X

ClientSampleId :

MW-114

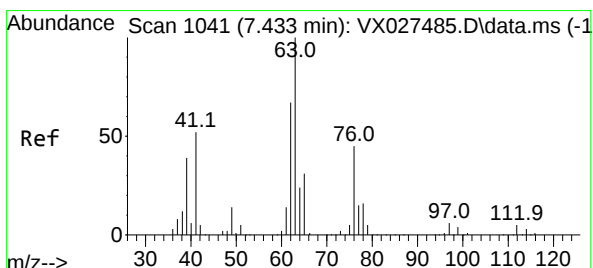
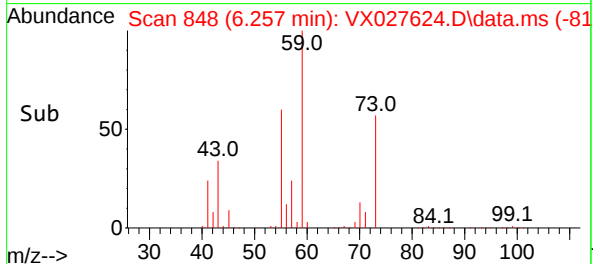
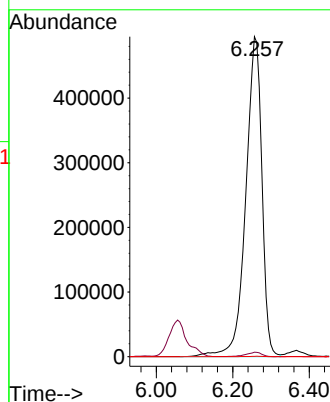
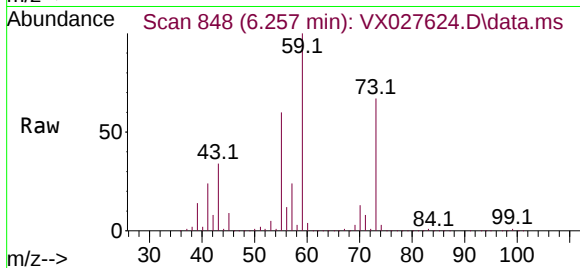
Tgt Ion: 43 Resp: 1448640

Ion Ratio Lower Upper

43 100

61 1.4 18.5 27.7#

87 0.1 13.0 19.6#



#45

1,2-Dichloropropane

Concen: 2.685 ug/l

RT: 7.433 min Scan# 1041

Delta R.T. 0.000 min

Lab File: VX027624.D

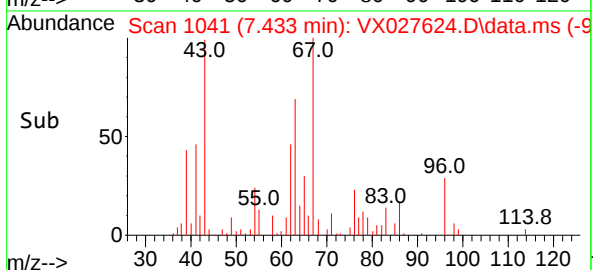
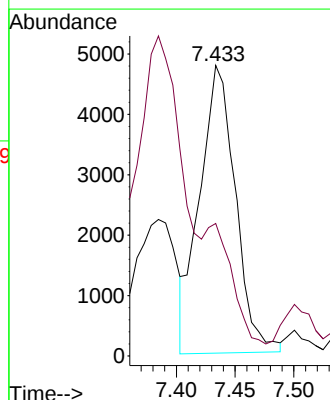
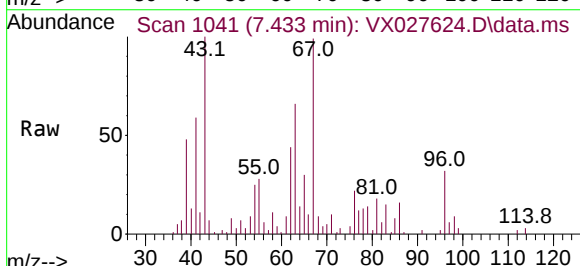
Acq: 22 Mar 2022 19:02

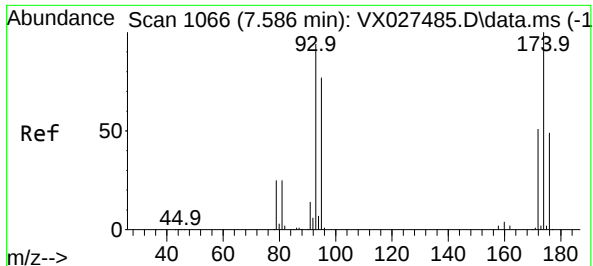
Tgt Ion: 63 Resp: 10069

Ion Ratio Lower Upper

63 100

65 36.8 25.8 38.6





#46

Dibromomethane

Concen: 0.553 ug/l

RT: 7.561 min Scan# 1062

Delta R.T. -0.024 min

Lab File: VX027624.D

Acq: 22 Mar 2022 19:02

Instrument :

MSVOA_X

ClientSampleId :

MW-114

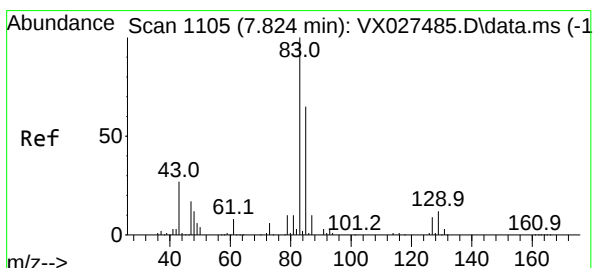
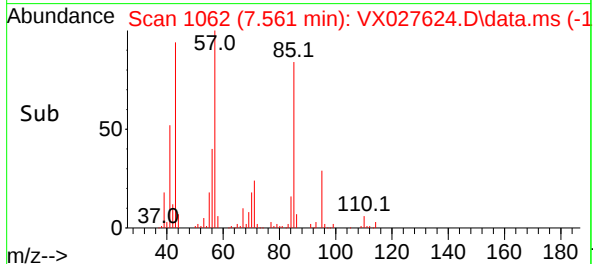
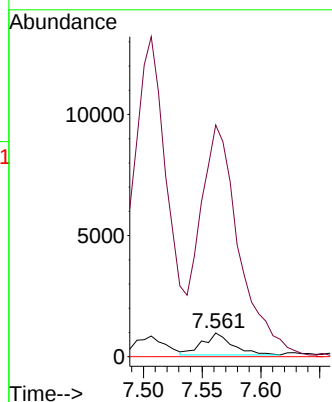
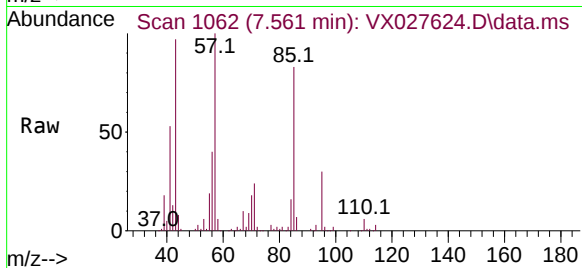
Tgt Ion: 93 Resp: 1585

Ion Ratio Lower Upper

93 100

95 1362.8 65.8 98.6#

174 0.0 85.4 128.2#



#47

Bromodichloromethane

Concen: 1.226 ug/l

RT: 7.775 min Scan# 1097

Delta R.T. -0.049 min

Lab File: VX027624.D

Acq: 22 Mar 2022 19:02

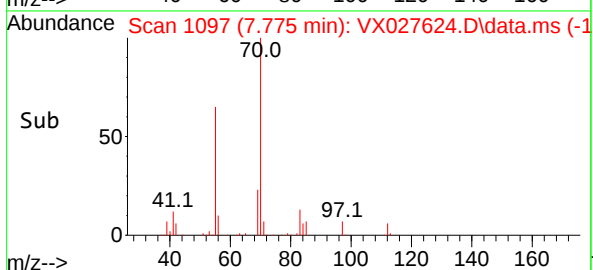
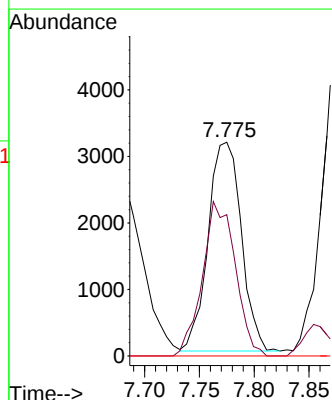
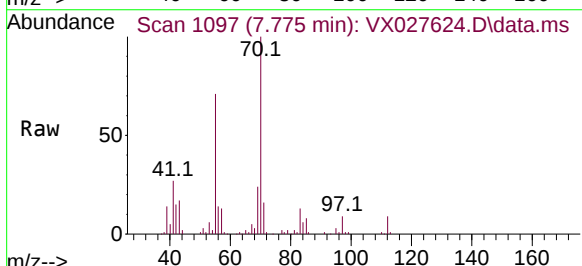
Tgt Ion: 83 Resp: 6614

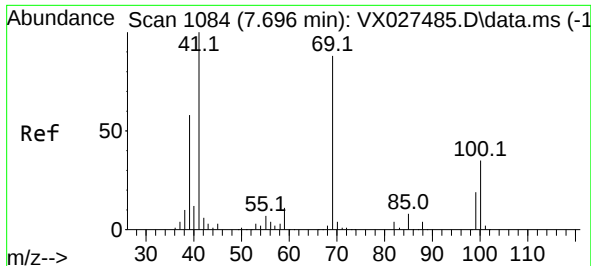
Ion Ratio Lower Upper

83 100

85 67.6 52.2 78.2

127 0.0 6.8 10.2#

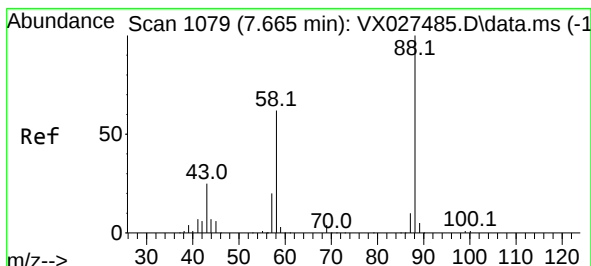
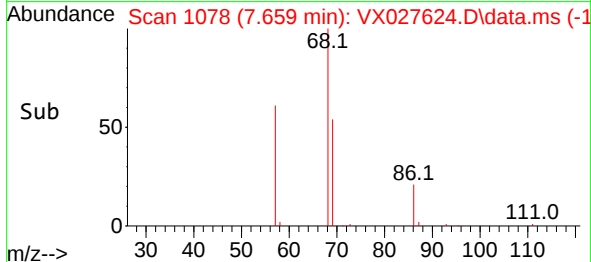
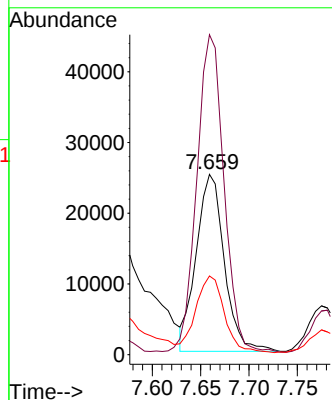
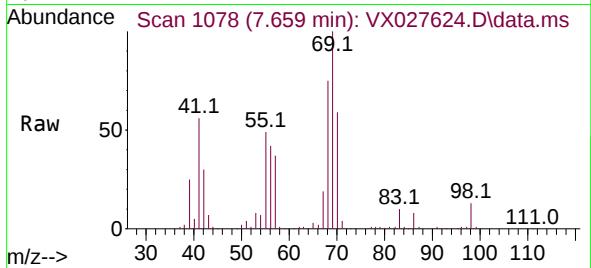




#48
Methyl methacrylate
Concen: 12.442 ug/l
RT: 7.659 min Scan# 1046
Delta R.T. -0.037 min
Lab File: VX027624.D
Acq: 22 Mar 2022 19:02

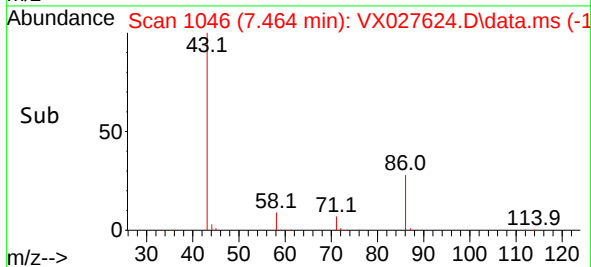
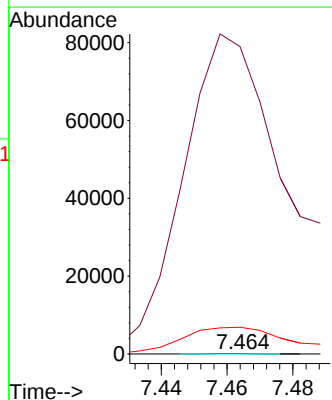
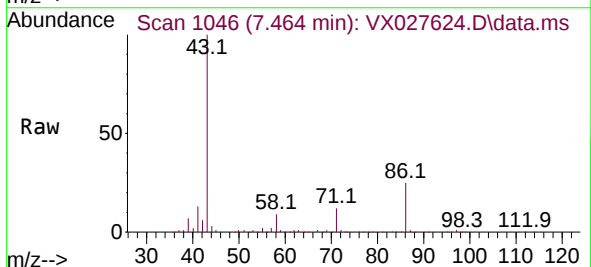
Instrument :
MSVOA_X
ClientSampleId :
MW-114

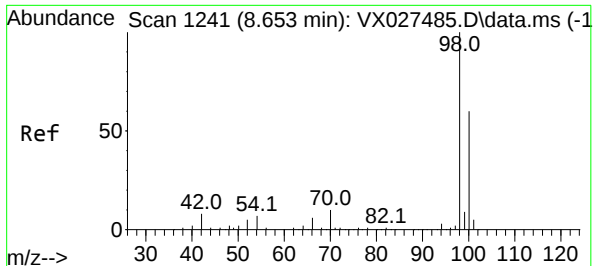
Tgt Ion: 41 Resp: 50680
Ion Ratio Lower Upper
41 100
69 173.7 82.5 123.7#
39 44.3 43.8 65.8



#49
1,4-Dioxane
Concen: 0.545 ug/l
RT: 7.464 min Scan# 1046
Delta R.T. -0.201 min
Lab File: VX027624.D
Acq: 22 Mar 2022 19:02

Tgt Ion: 88 Resp: 57
Ion Ratio Lower Upper
88 100
43 295994.7 21.9 32.9#
58 32022.8 53.7 80.5#

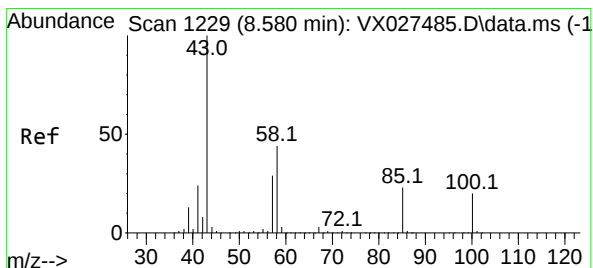
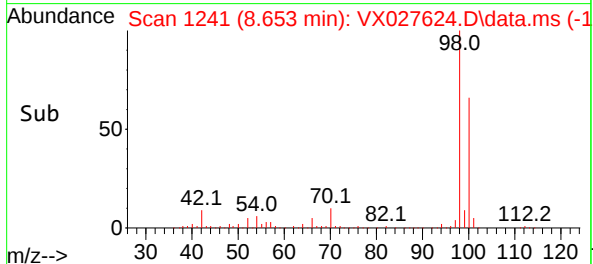
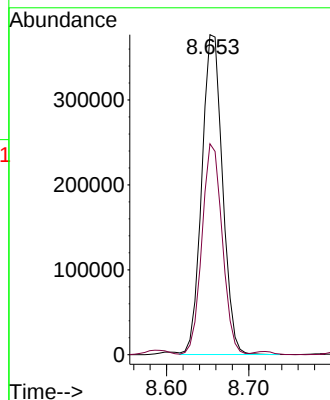
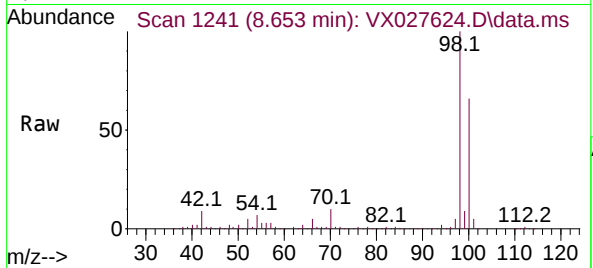




#50
Toluene-d8
Concen: 46.304 ug/l
RT: 8.653 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX027624.D
Acq: 22 Mar 2022 19:02

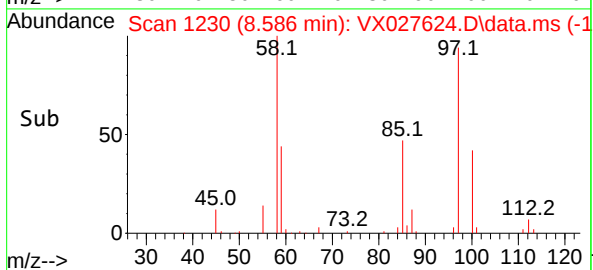
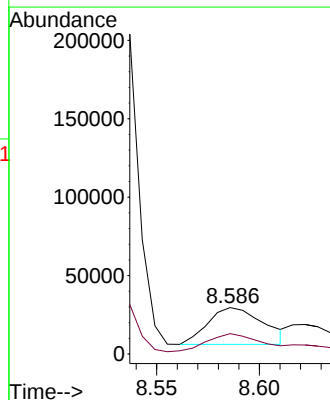
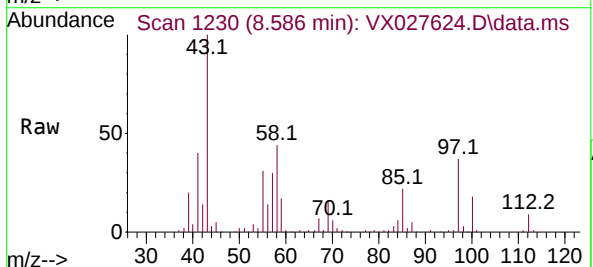
Instrument :
MSVOA_X
ClientSampleId :
MW-114

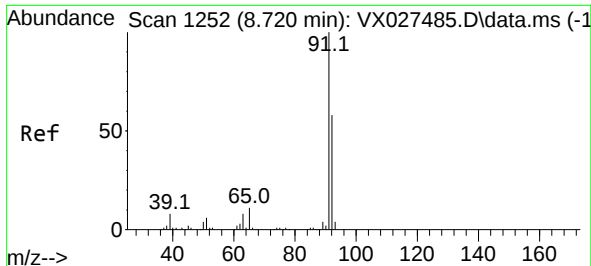
Tgt Ion: 98 Resp: 658070
Ion Ratio Lower Upper
98 100
100 64.3 52.6 78.8



#51
4-Methyl-2-Pentanone
Concen: 8.332 ug/l
RT: 8.586 min Scan# 1230
Delta R.T. 0.006 min
Lab File: VX027624.D
Acq: 22 Mar 2022 19:02

Tgt Ion: 43 Resp: 43776
Ion Ratio Lower Upper
43 100
58 86.7 36.1 54.1#

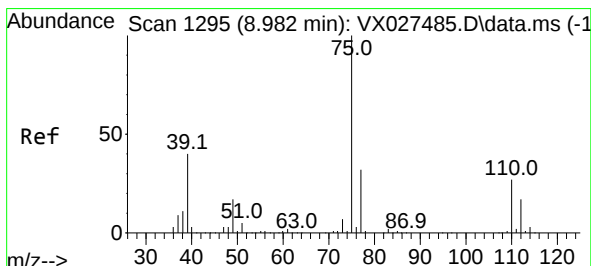
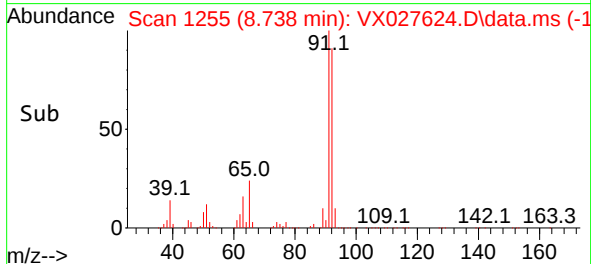
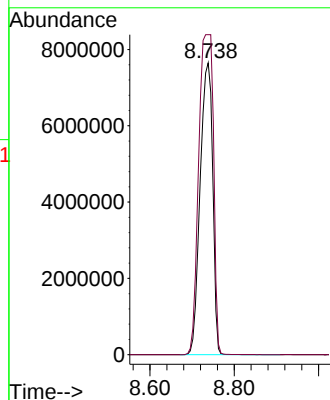
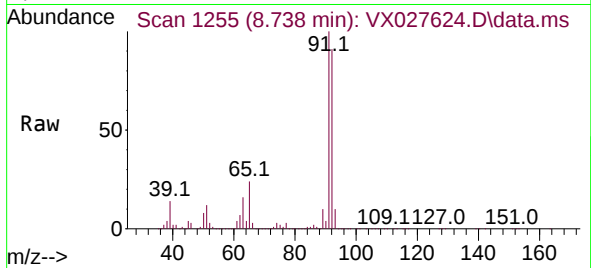




#52
Toluene
Concen: 1604.699 ug/l
RT: 8.738 min Scan# 11
Delta R.T. 0.018 min
Lab File: VX027624.D
Acq: 22 Mar 2022 19:02

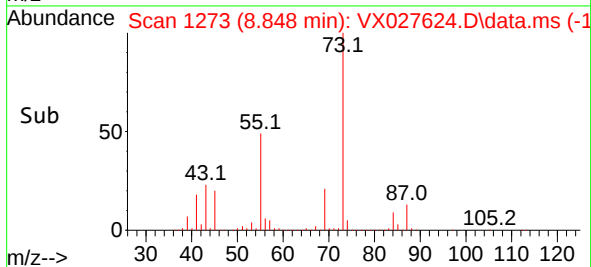
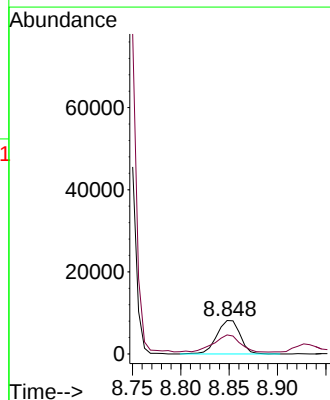
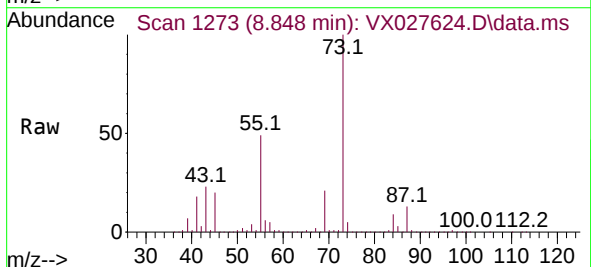
Instrument :
MSVOA_X
ClientSampleId :
MW-114

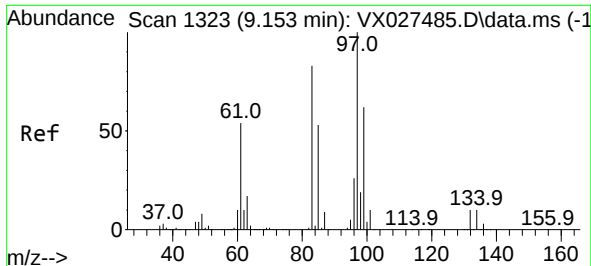
Tgt Ion: 92 Resp:15833868
Ion Ratio Lower Upper
92 100
91 129.6 137.5 206.3#



#53
t-1,3-Dichloropropene
Concen: 2.466 ug/l
RT: 8.848 min Scan# 1273
Delta R.T. -0.134 min
Lab File: VX027624.D
Acq: 22 Mar 2022 19:02

Tgt Ion: 75 Resp: 13656
Ion Ratio Lower Upper
75 100
77 50.5 25.4 38.0#





#55

1,1,2-Trichloroethane

Concen: 0.742 ug/l

RT: 9.208 min Scan# 1

Delta R.T. 0.055 min

Lab File: VX027624.D

Acq: 22 Mar 2022 19:02

Instrument :

MSVOA_X

ClientSampleId :

MW-114

Tgt Ion: 97 Resp: 2981

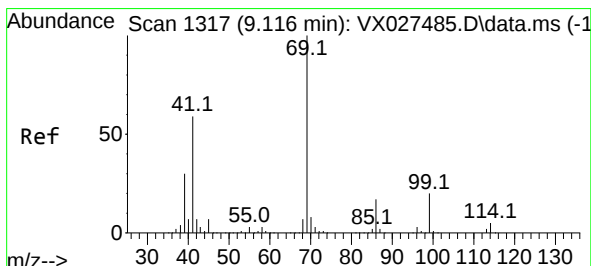
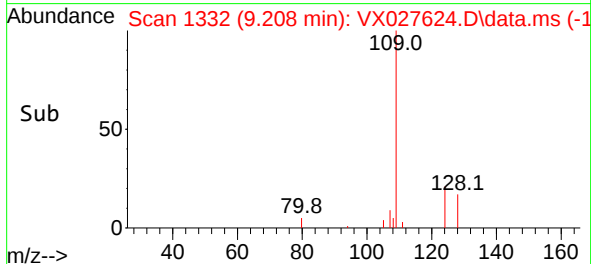
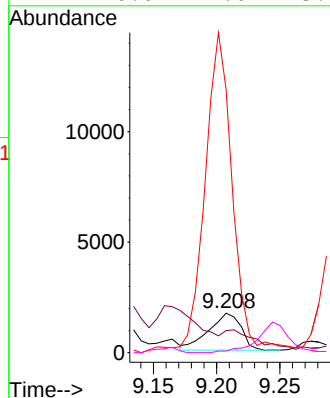
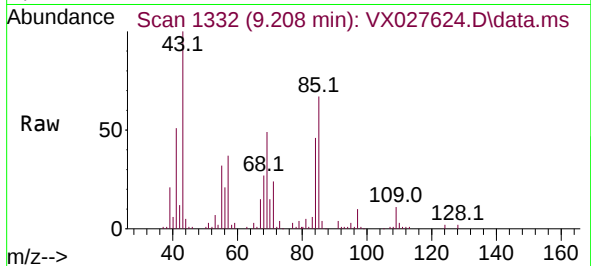
Ion Ratio Lower Upper

97 100

83 42.0 66.2 99.4#

85 693.7 42.9 64.3#

99 0.0 49.0 73.6#



#56

Ethyl methacrylate

Concen: 8.761 ug/l

RT: 9.006 min Scan# 1299

Delta R.T. -0.110 min

Lab File: VX027624.D

Acq: 22 Mar 2022 19:02

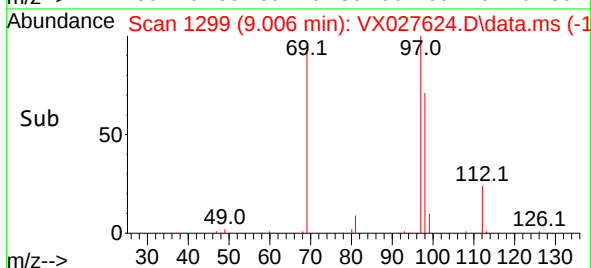
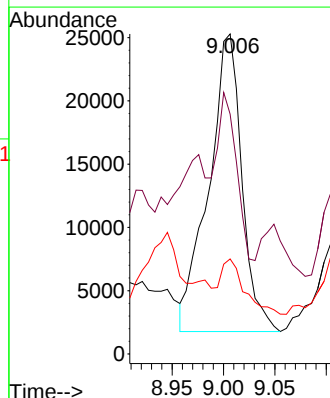
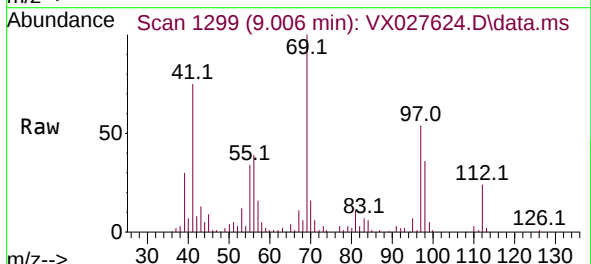
Tgt Ion: 69 Resp: 52661

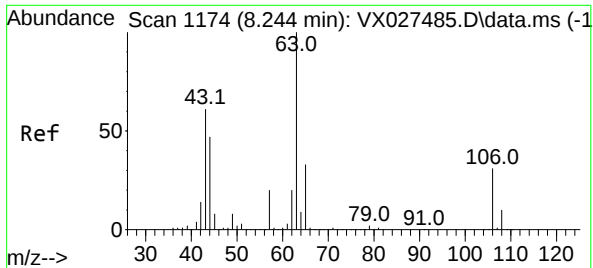
Ion Ratio Lower Upper

69 100

41 0.0 43.8 65.6#

39 15.5 22.2 33.2#

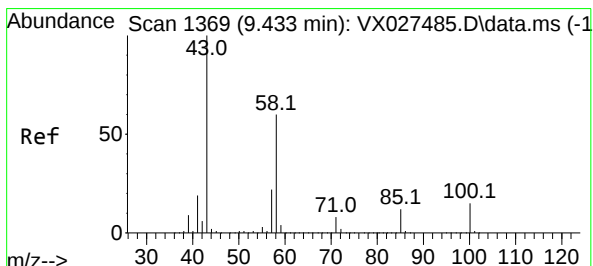
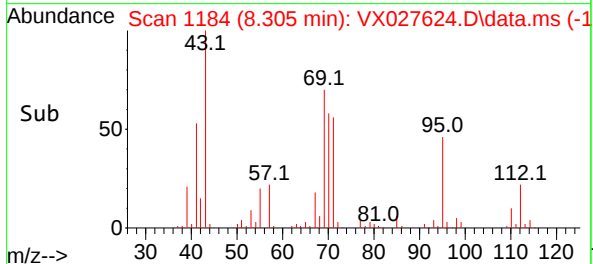
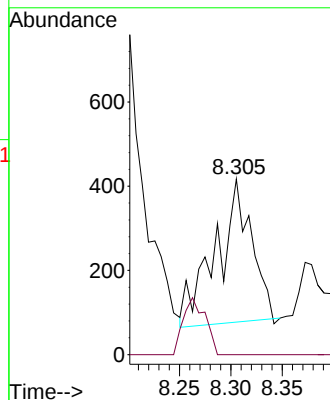
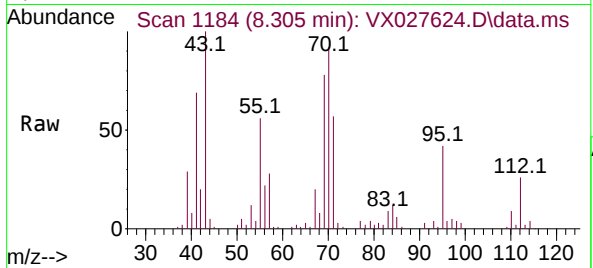




#58
2-Chloroethyl Vinyl ether
Concen: Below Cal
RT: 8.305 min Scan# 1174
Delta R.T. 0.061 min
Lab File: VX027624.D
Acq: 22 Mar 2022 19:02

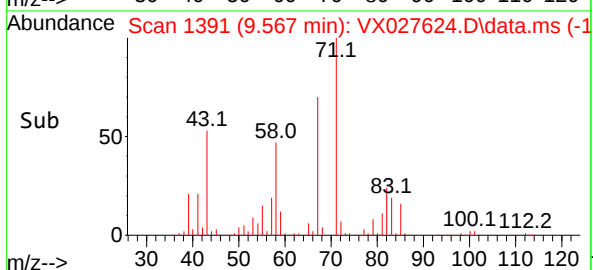
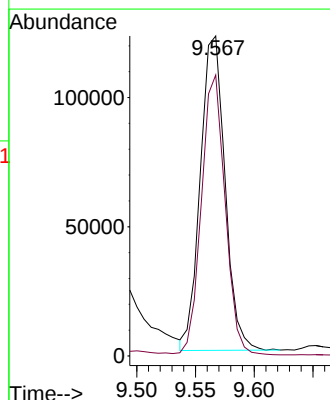
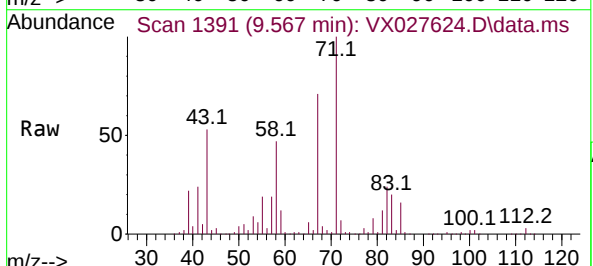
Instrument :
MSVOA_X
ClientSampleId :
MW-114

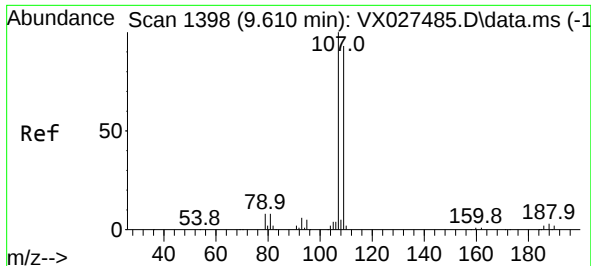
Tgt Ion: 63 Resp: 822
Ion Ratio Lower Upper
63 100
106 0.0 23.9 35.9#



#59
2-Hexanone
Concen: 44.009 ug/l
RT: 9.567 min Scan# 1391
Delta R.T. 0.134 min
Lab File: VX027624.D
Acq: 22 Mar 2022 19:02

Tgt Ion: 43 Resp: 178088
Ion Ratio Lower Upper
43 100
58 85.4 31.9 95.7

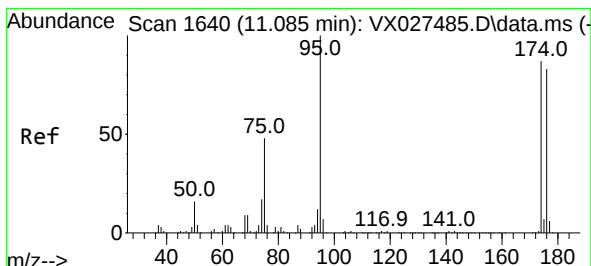
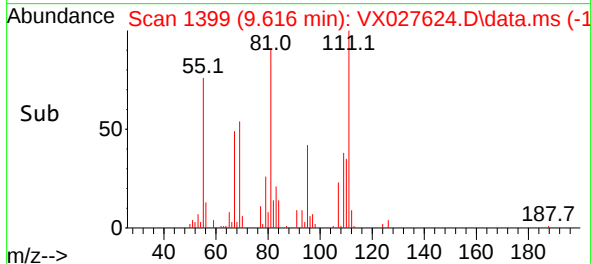
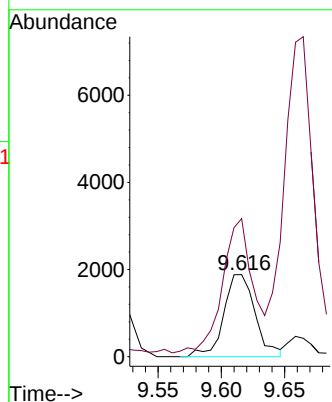
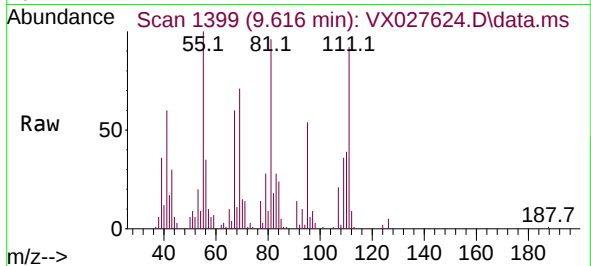




#61
1,2-Dibromoethane
Concen: 0.735 ug/l
RT: 9.616 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX027624.D
Acq: 22 Mar 2022 19:02

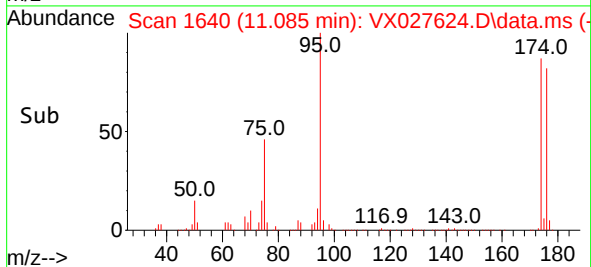
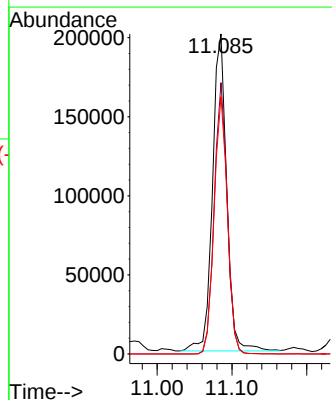
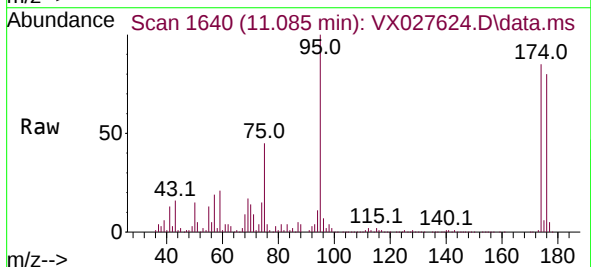
Instrument :
MSVOA_X
ClientSampleId :
MW-114

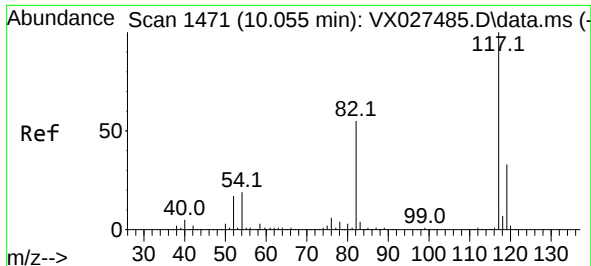
Tgt Ion:107 Resp: 3245
Ion Ratio Lower Upper
107 100
109 158.3 74.4 111.6#



#62
4-Bromofluorobenzene
Concen: 50.659 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX027624.D
Acq: 22 Mar 2022 19:02

Tgt Ion: 95 Resp: 264628
Ion Ratio Lower Upper
95 100
174 79.0 0.0 163.0
176 75.5 0.0 155.0

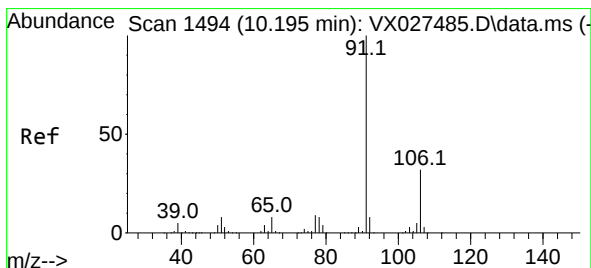
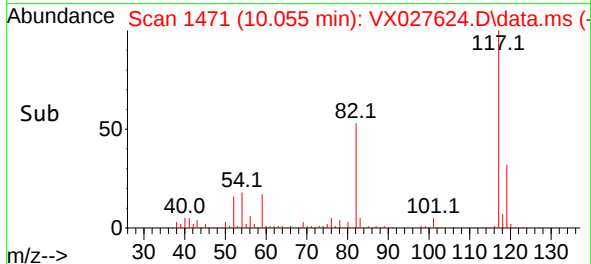
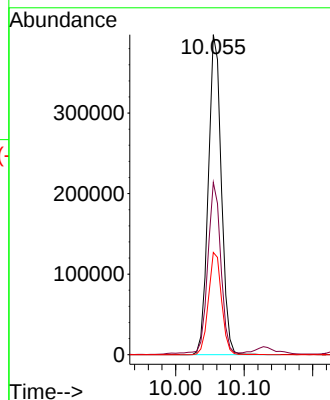
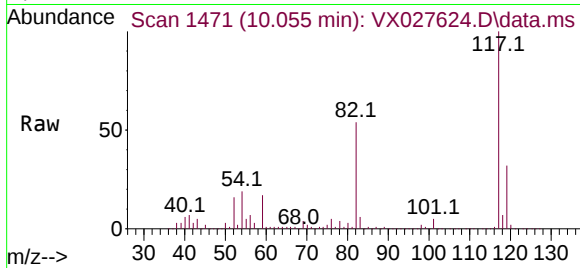




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX027624.D
Acq: 22 Mar 2022 19:02

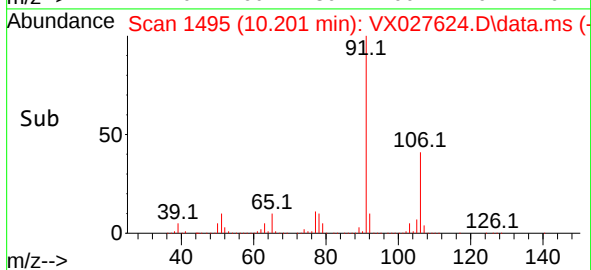
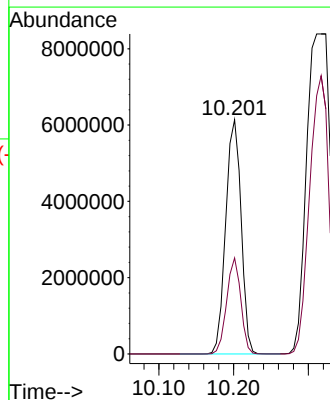
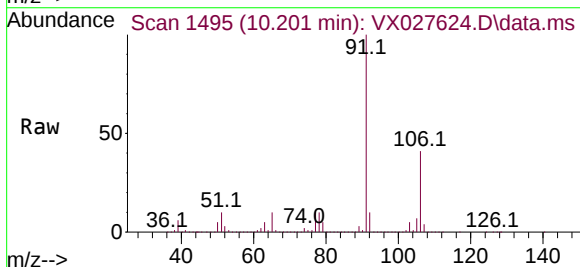
Instrument :
MSVOA_X
ClientSampleId :
MW-114

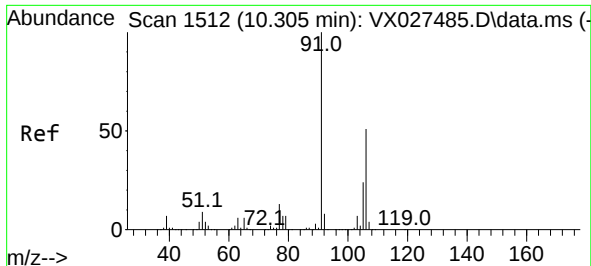
Tgt Ion:117 Resp: 525683
Ion Ratio Lower Upper
117 100
82 53.3 41.8 62.8
119 32.0 24.8 37.2



#67
Ethyl Benzene
Concen: 475.645 ug/l
RT: 10.201 min Scan# 1495
Delta R.T. 0.006 min
Lab File: VX027624.D
Acq: 22 Mar 2022 19:02

Tgt Ion: 91 Resp: 8803975
Ion Ratio Lower Upper
91 100
106 41.0 24.6 36.8#

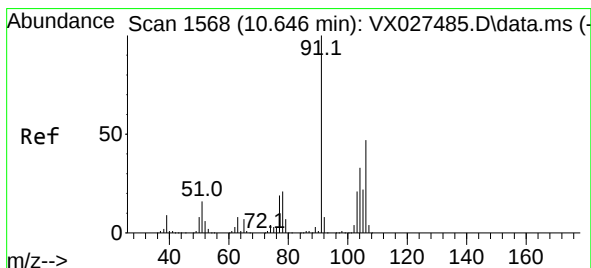
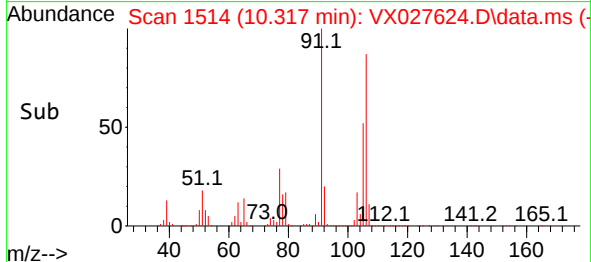
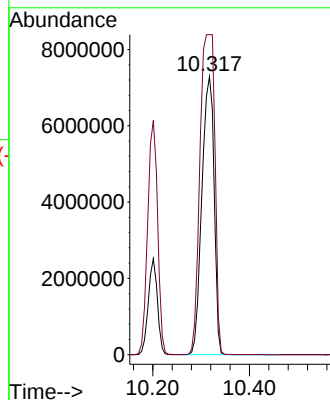
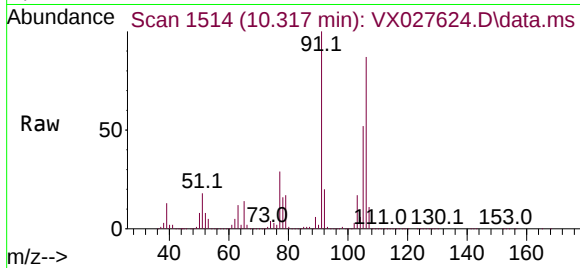




#68
m/p-Xylenes
Concen: 1750.141 ug/l
RT: 10.317 min Scan# 1514
Delta R.T. 0.012 min
Lab File: VX027624.D
Acq: 22 Mar 2022 19:02

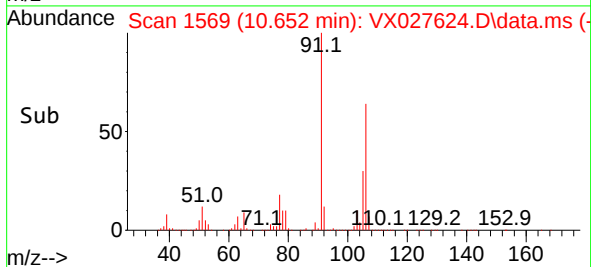
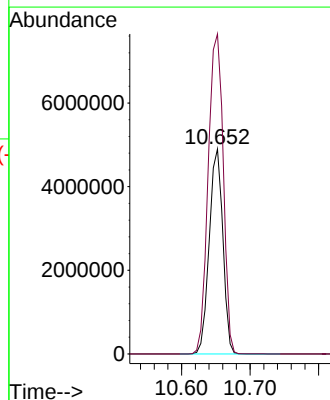
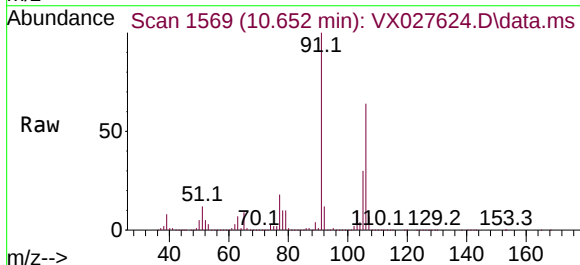
Instrument :
MSVOA_X
ClientSampleId :
MW-114

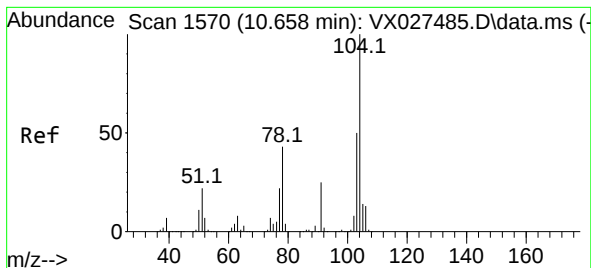
Tgt Ion:106 Resp:12755031
Ion Ratio Lower Upper
106 100
91 140.8 160.4 240.6#



#69
o-Xylene
Concen: 955.433 ug/l
RT: 10.652 min Scan# 1569
Delta R.T. 0.006 min
Lab File: VX027624.D
Acq: 22 Mar 2022 19:02

Tgt Ion:106 Resp: 6760874
Ion Ratio Lower Upper
106 100
91 172.7 106.1 318.1





#70

Styrene

Concen: 31.475 ug/l

RT: 10.652 min Scan# 1569

Delta R.T. -0.006 min

Lab File: VX027624.D

Acq: 22 Mar 2022 19:02

Instrument :

MSVOA_X

ClientSampleId :

MW-114

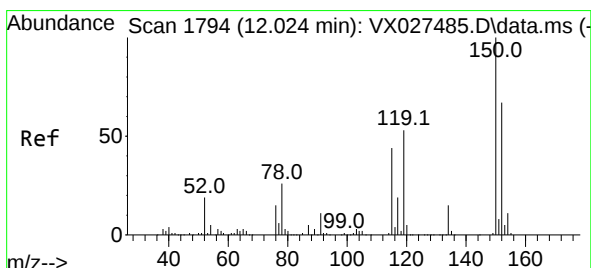
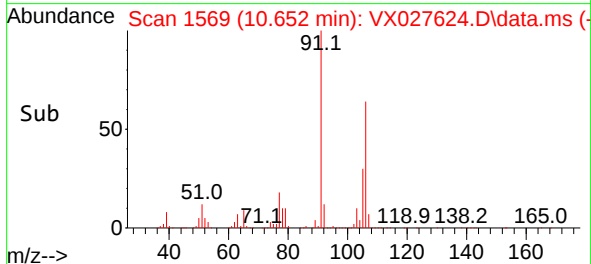
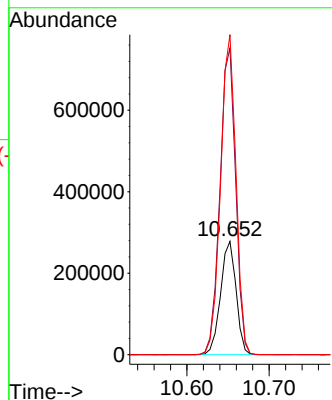
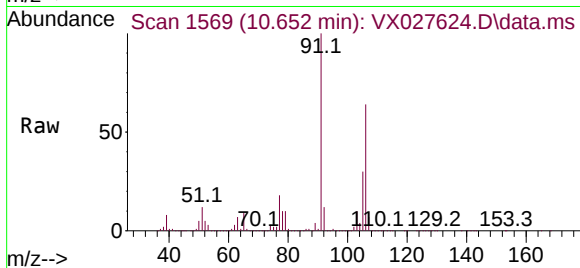
Tgt Ion:104 Resp: 363837

Ion Ratio Lower Upper

104 100

78 274.6 38.6 57.8#

103 280.3 43.8 65.8#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1794

Delta R.T. 0.000 min

Lab File: VX027624.D

Acq: 22 Mar 2022 19:02

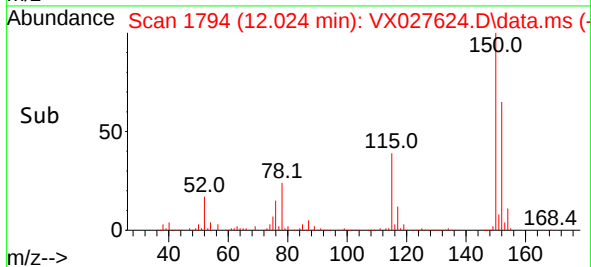
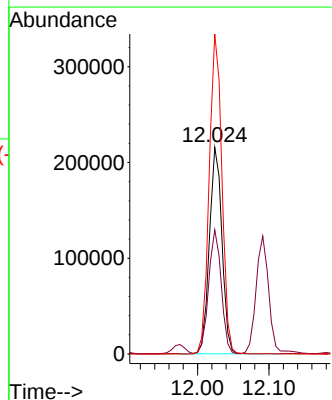
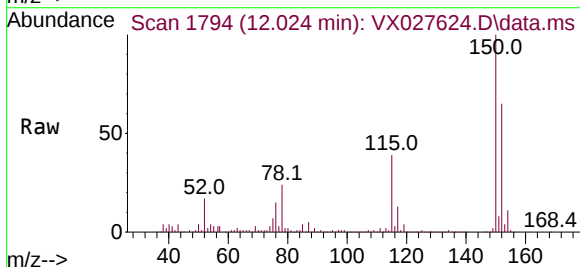
Tgt Ion:152 Resp: 262815

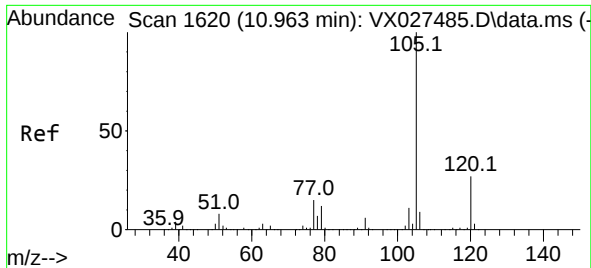
Ion Ratio Lower Upper

152 100

115 60.1 37.5 112.7

150 156.5 0.0 338.2

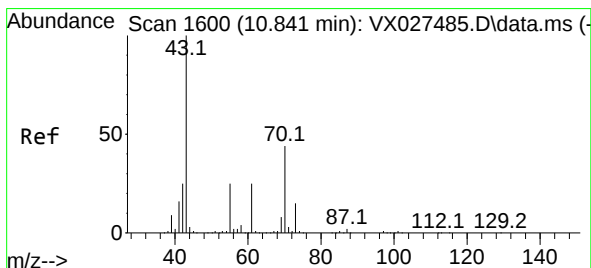
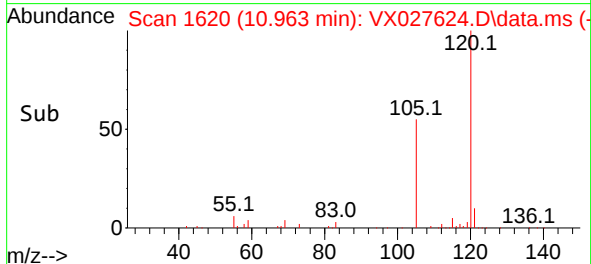
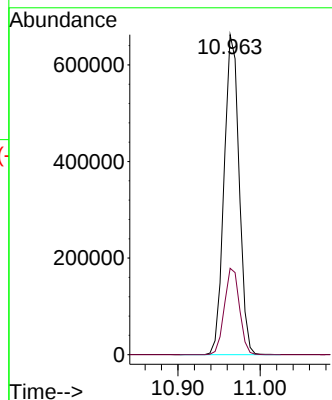
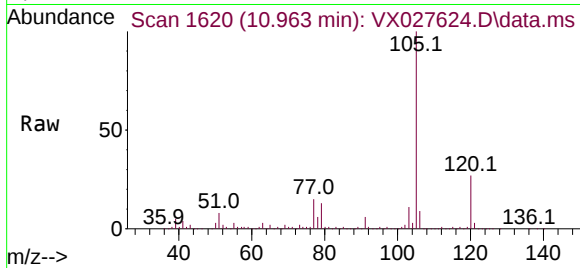




#73
Isopropylbenzene
Concen: 44.048 ug/l
RT: 10.963 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX027624.D
Acq: 22 Mar 2022 19:02

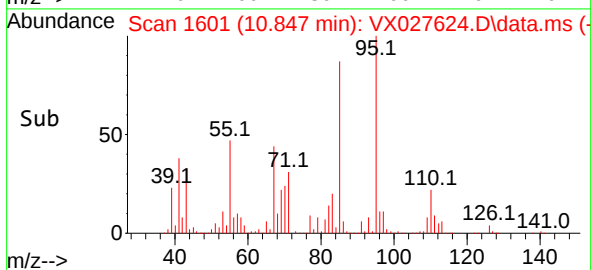
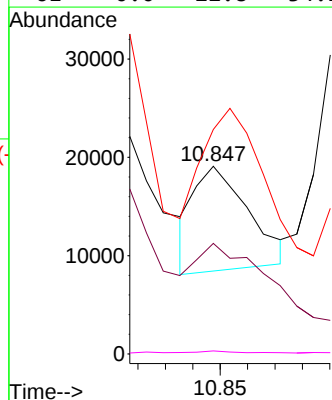
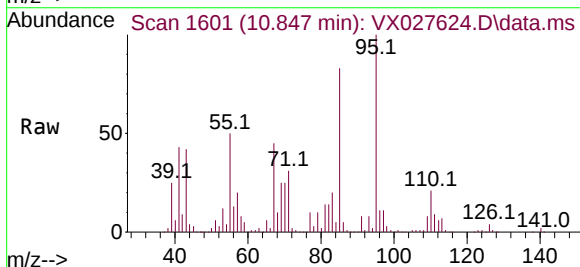
Instrument :
MSVOA_X
ClientSampleId :
MW-114

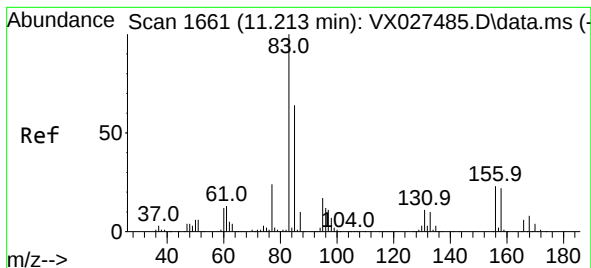
Tgt Ion:105 Resp: 843210
Ion Ratio Lower Upper
105 100
120 27.2 13.5 40.5



#74
N-ethyl acetate
Concen: 2.173 ug/l
RT: 10.847 min Scan# 1601
Delta R.T. 0.006 min
Lab File: VX027624.D
Acq: 22 Mar 2022 19:02

Tgt Ion: 43 Resp: 14753
Ion Ratio Lower Upper
43 100
70 91.2 42.5 63.7#
55 191.7 23.1 34.7#
61 0.0 22.8 34.2#





#75

1,1,2,2-Tetrachloroethane

Concen: 1.042 ug/l

RT: 11.232 min Scan# 1664

Delta R.T. 0.018 min

Lab File: VX027624.D

Acq: 22 Mar 2022 19:02

Instrument :

MSVOA_X

ClientSampleId :

MW-114

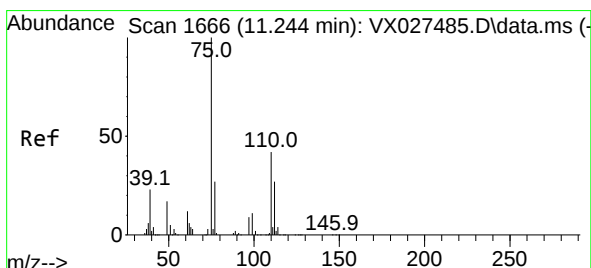
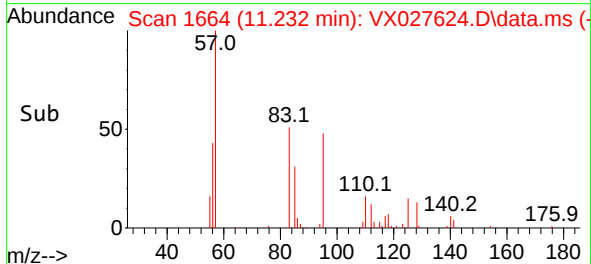
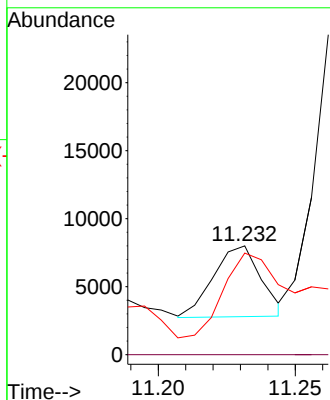
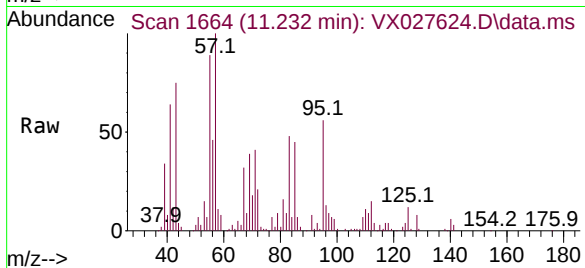
Tgt Ion: 83 Resp: 6318

Ion Ratio Lower Upper

83 100

131 0.0 5.1 15.3#

85 146.4 32.6 97.7#



#76

1,2,3-Trichloropropane

Concen: 2.853 ug/l

RT: 11.305 min Scan# 1676

Delta R.T. 0.061 min

Lab File: VX027624.D

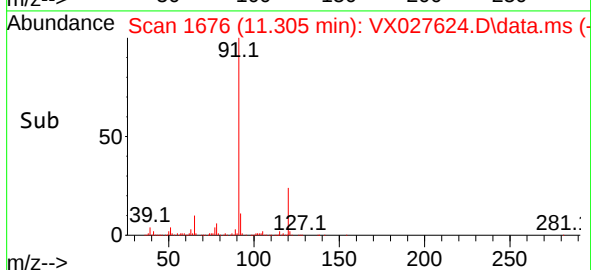
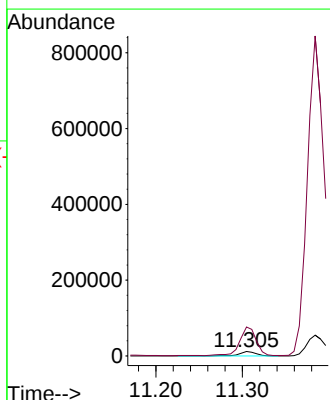
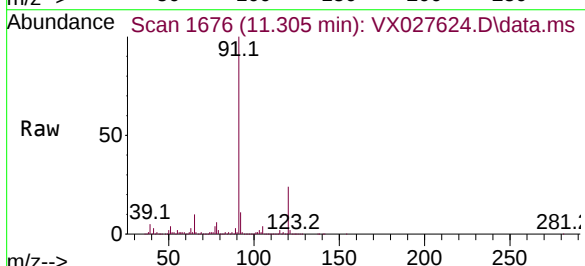
Acq: 22 Mar 2022 19:02

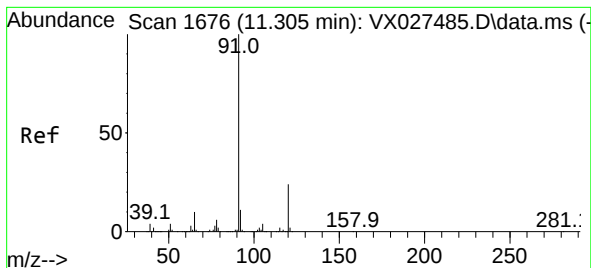
Tgt Ion: 75 Resp: 15685

Ion Ratio Lower Upper

75 100

77 623.3 19.4 58.2#





#78

n-propylbenzene

Concen: 115.003 ug/l

RT: 11.305 min Scan# 1676

Delta R.T. 0.000 min

Lab File: VX027624.D

Acq: 22 Mar 2022 19:02

Instrument :

MSVOA_X

ClientSampleId :

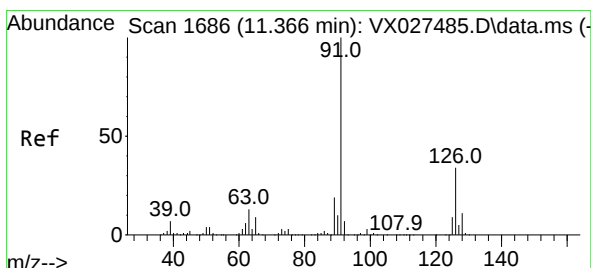
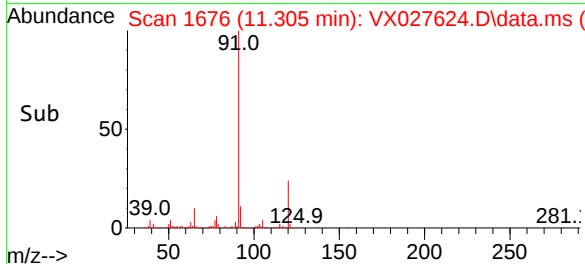
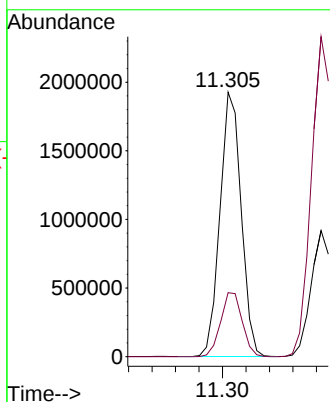
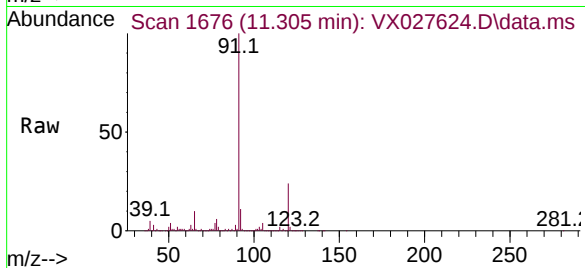
MW-114

Tgt Ion: 91 Resp: 2416665

Ion Ratio Lower Upper

91 100

120 24.7 11.6 34.8



#79

2-Chlorotoluene

Concen: 111.221 ug/l

RT: 11.384 min Scan# 1689

Delta R.T. 0.018 min

Lab File: VX027624.D

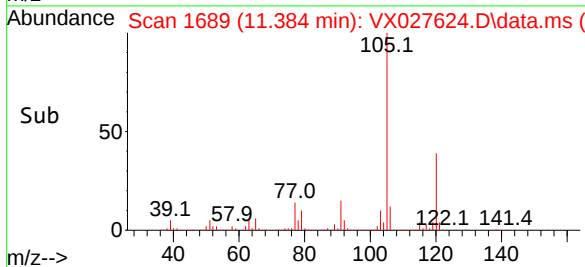
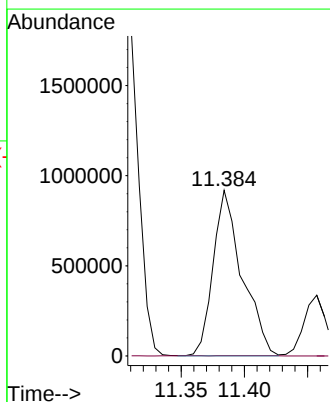
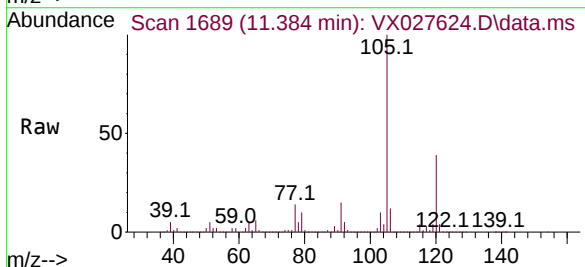
Acq: 22 Mar 2022 19:02

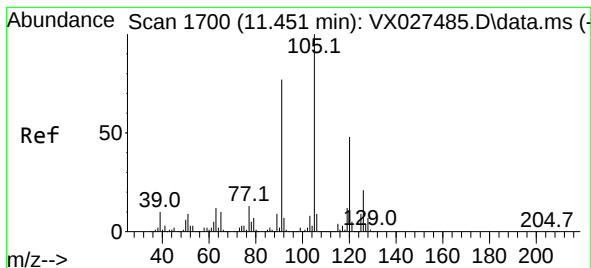
Tgt Ion: 91 Resp: 1466115

Ion Ratio Lower Upper

91 100

126 0.1 17.3 51.9#





#80

1,3,5-Trimethylbenzene

Concen: 234.732 ug/l

RT: 11.457 min Scan# 1

Delta R.T. 0.006 min

Lab File: VX027624.D

Acq: 22 Mar 2022 19:02

Instrument :

MSVOA_X

ClientSampleId :

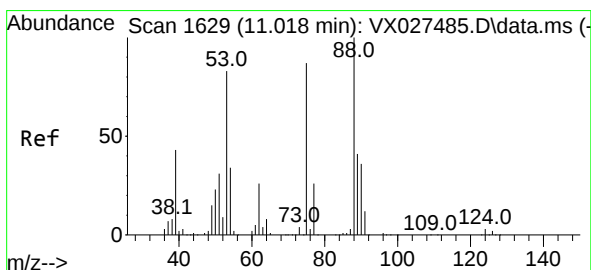
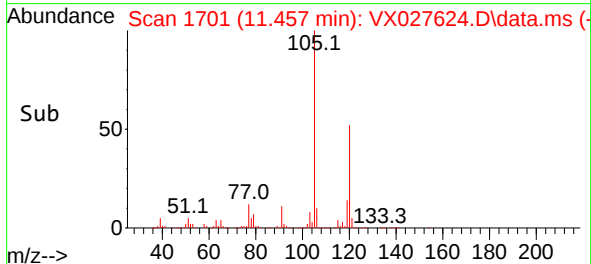
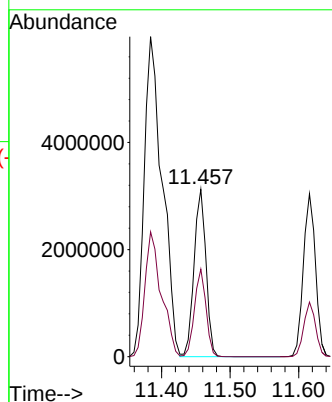
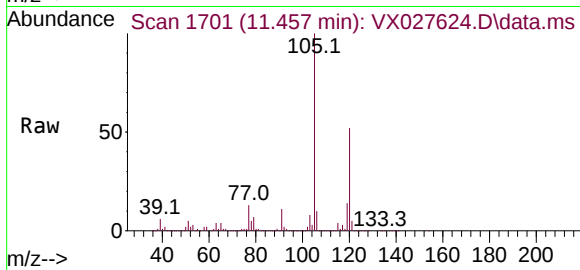
MW-114

Tgt Ion:105 Resp: 3781881

Ion Ratio Lower Upper

105 100

120 50.7 24.3 72.9



#81

trans-1,4-Dichloro-2-butene

Concen: 4.995 ug/l

RT: 10.963 min Scan# 1620

Delta R.T. -0.055 min

Lab File: VX027624.D

Acq: 22 Mar 2022 19:02

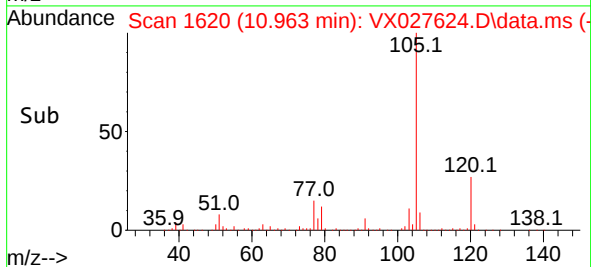
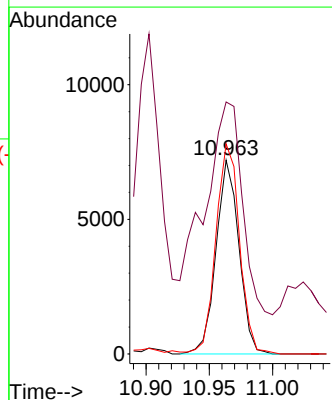
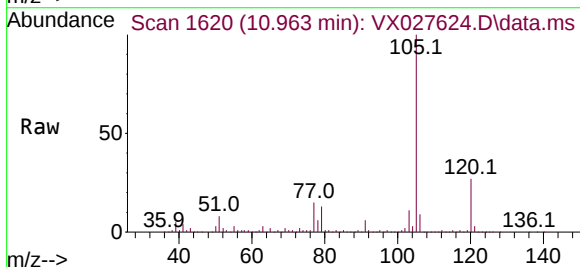
Tgt Ion: 75 Resp: 9042

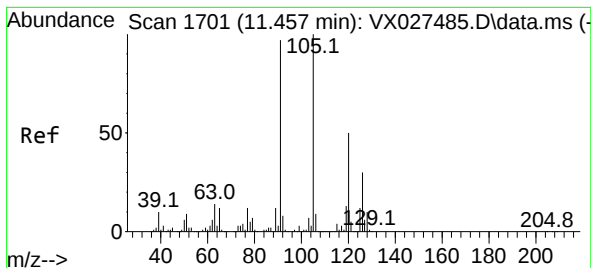
Ion Ratio Lower Upper

75 100

53 177.9 69.0 103.4#

89 112.1 37.0 55.6#

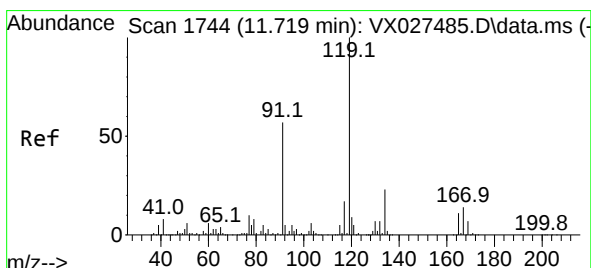
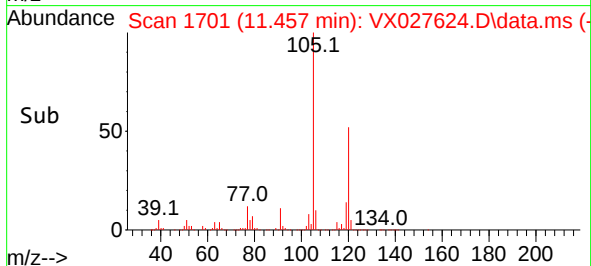
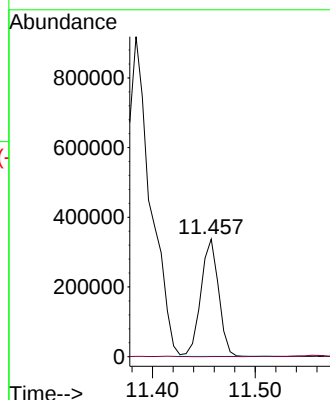
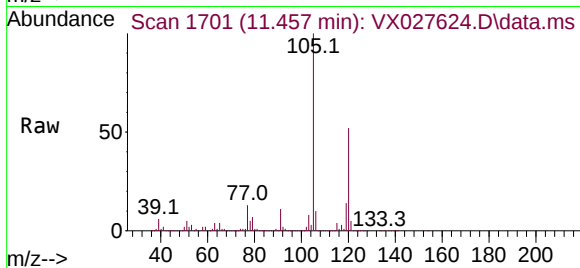




#82
4-Chlorotoluene
Concen: 26.889 ug/l
RT: 11.457 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX027624.D
Acq: 22 Mar 2022 19:02

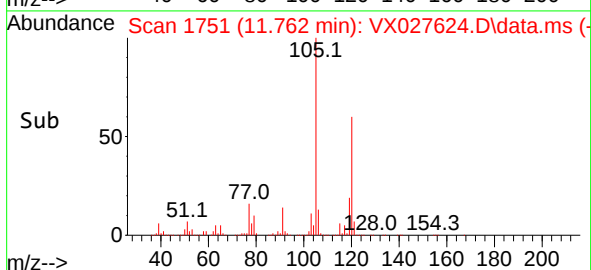
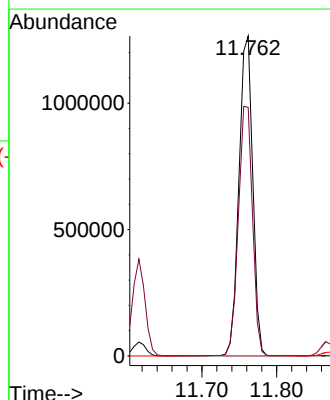
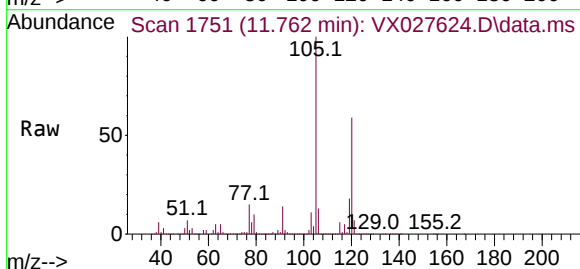
Instrument :
MSVOA_X
ClientSampleId :
MW-114

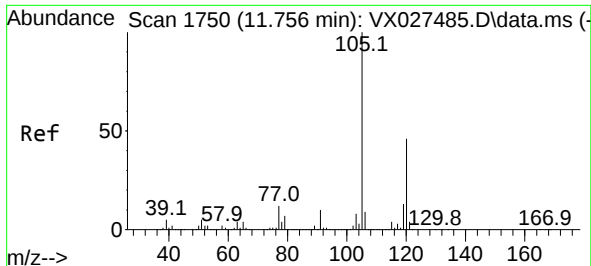
Tgt Ion: 91 Resp: 403564
Ion Ratio Lower Upper
91 100
126 0.1 14.9 44.5#



#83
tert-Butylbenzene
Concen: 101.235 ug/l
RT: 11.762 min Scan# 1751
Delta R.T. 0.043 min
Lab File: VX027624.D
Acq: 22 Mar 2022 19:02

Tgt Ion: 119 Resp: 1615775
Ion Ratio Lower Upper
119 100
91 80.3 26.9 80.6
134 0.0 11.4 34.2#

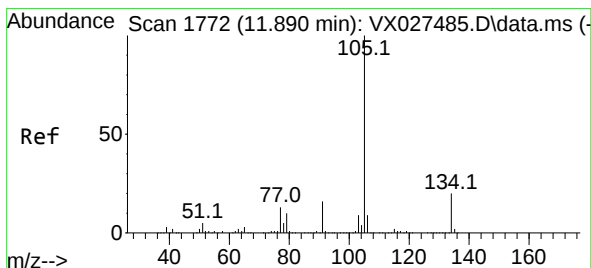
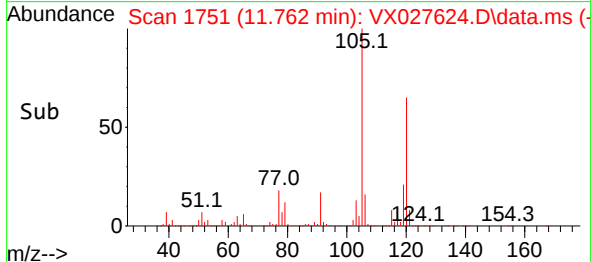
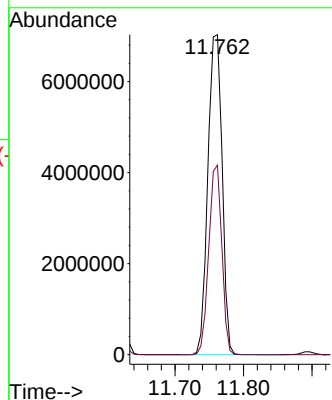
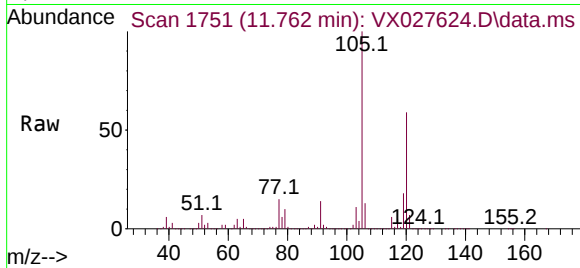




#84
1,2,4-Trimethylbenzene
Concen: 633.472 ug/l
RT: 11.762 min Scan# 1751
Delta R.T. 0.006 min
Lab File: VX027624.D
Acq: 22 Mar 2022 19:02

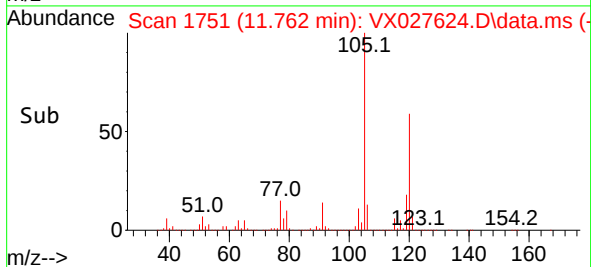
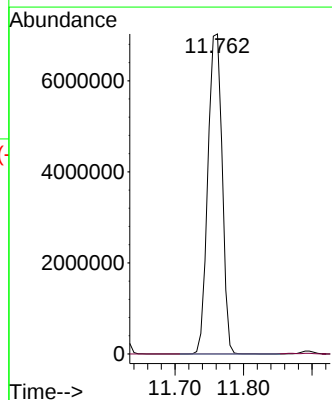
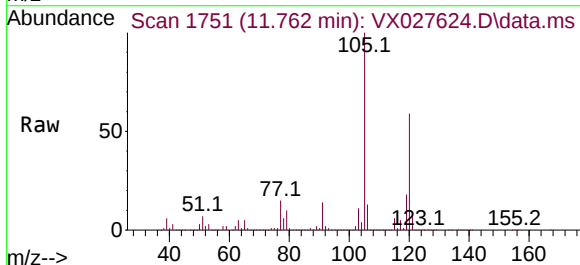
Instrument :
MSVOA_X
ClientSampleId :
MW-114

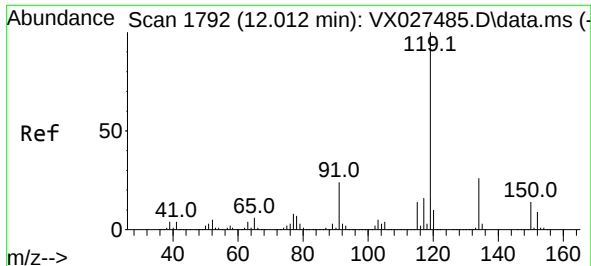
Tgt Ion:105 Resp:10178483
Ion Ratio Lower Upper
105 100
120 54.3 22.6 67.8



#85
sec-Butylbenzene
Concen: 527.722 ug/l
RT: 11.762 min Scan# 1751
Delta R.T. -0.128 min
Lab File: VX027624.D
Acq: 22 Mar 2022 19:02

Tgt Ion:105 Resp:10178483
Ion Ratio Lower Upper
105 100
134 0.0 10.2 30.4#

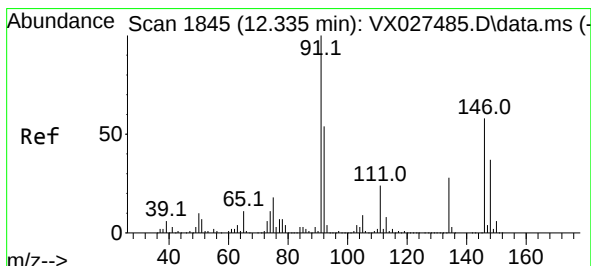
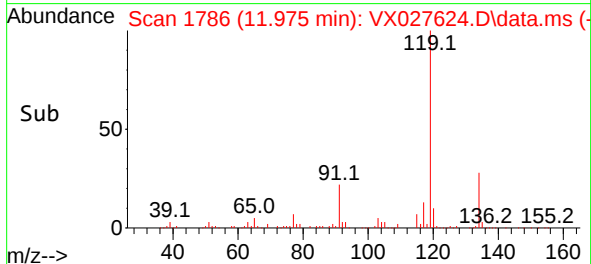
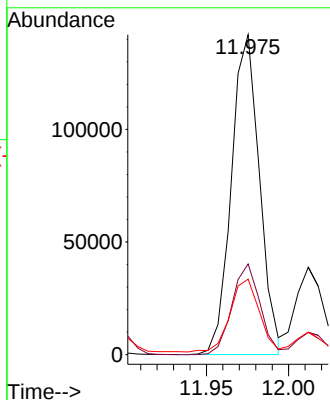
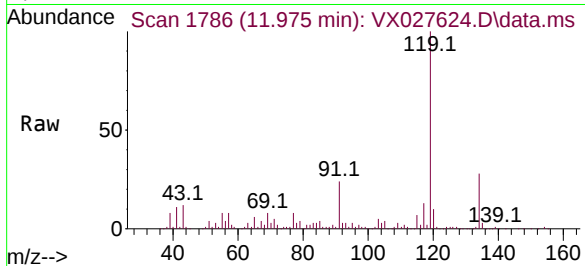




#86
p-Isopropyltoluene
Concen: 10.200 ug/l
RT: 11.975 min Scan# 11
Delta R.T. -0.037 min
Lab File: VX027624.D
Acq: 22 Mar 2022 19:02

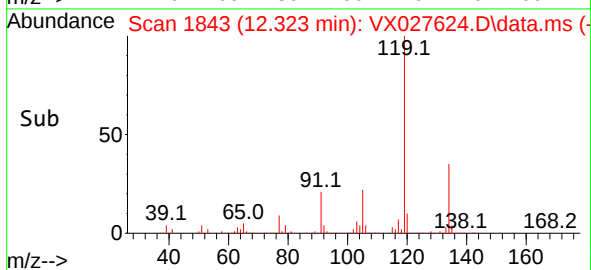
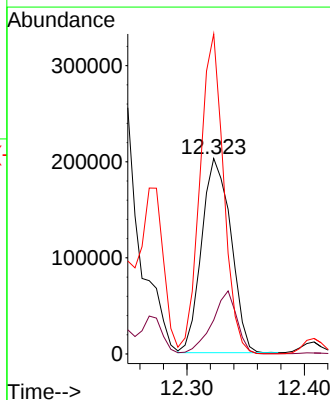
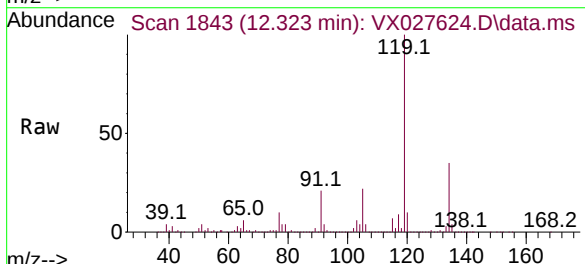
Instrument :
MSVOA_X
ClientSampleId :
MW-114

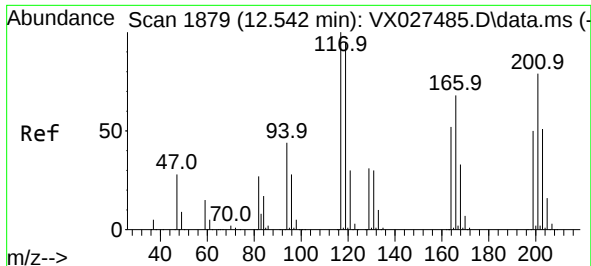
Tgt Ion:119 Resp: 168974
Ion Ratio Lower Upper
119 100
134 28.2 13.0 39.0
91 23.4 11.3 33.9



#89
n-Butylbenzene
Concen: 25.404 ug/l
RT: 12.323 min Scan# 1843
Delta R.T. -0.012 min
Lab File: VX027624.D
Acq: 22 Mar 2022 19:02

Tgt Ion: 91 Resp: 351218
Ion Ratio Lower Upper
91 100
92 27.1 27.8 83.3#
134 132.6 13.3 39.8#

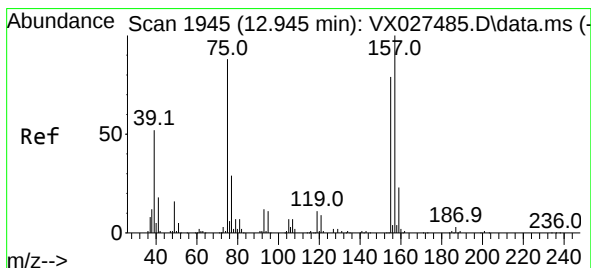
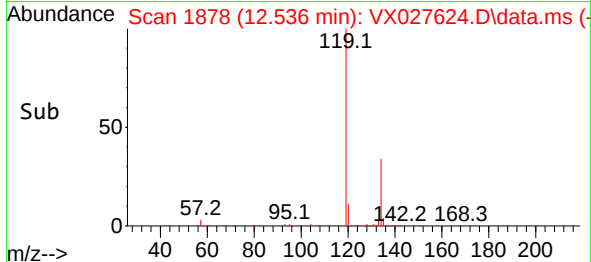
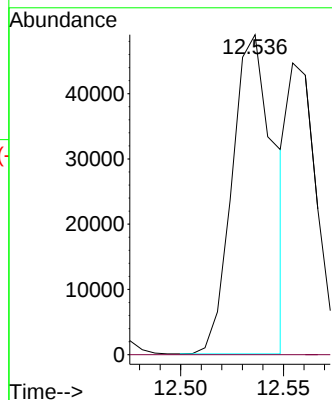
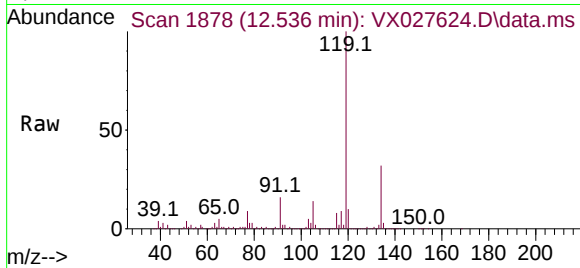




#90
Hexachloroethane
Concen: 26.306 ug/l
RT: 12.536 min Scan# 117
Delta R.T. -0.006 min
Lab File: VX027624.D
Acq: 22 Mar 2022 19:02

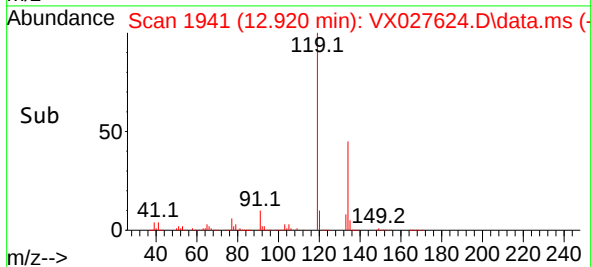
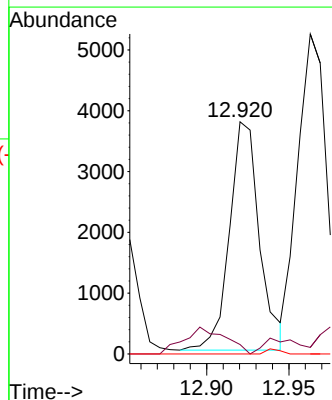
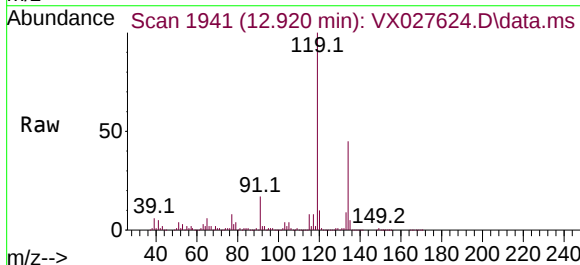
Instrument :
MSVOA_X
ClientSampleId :
MW-114

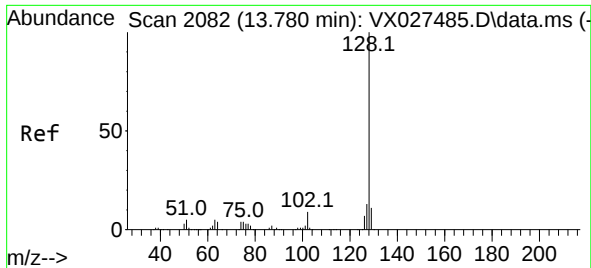
Tgt Ion:117 Resp: 69499
Ion Ratio Lower Upper
117 100
201 0.0 39.5 118.5#



#92
1,2-Dibromo-3-Chloropropane
Concen: 3.425 ug/l
RT: 12.920 min Scan# 1941
Delta R.T. -0.024 min
Lab File: VX027624.D
Acq: 22 Mar 2022 19:02

Tgt Ion: 75 Resp: 4763
Ion Ratio Lower Upper
75 100
155 8.0 47.0 141.2#
157 1.0 57.9 173.6#





#95

Naphthalene

Concen: 88.689 ug/l

RT: 13.780 min Scan# 20

Delta R.T. 0.000 min

Lab File: VX027624.D

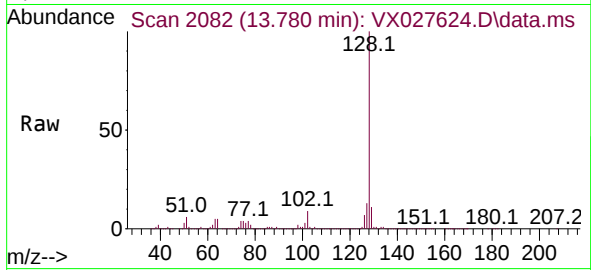
Acq: 22 Mar 2022 19:02

Instrument :

MSVOA_X

ClientSampleId :

MW-114



Tgt Ion:128 Resp: 1615361

Ion Ratio Lower Upper

128 100

127 13.0 10.2 15.4

129 11.4 8.7 13.1

