

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092022\
 Data File : VX031505.D
 Acq On : 20 Sep 2022 18:53
 Operator : JC/MD
 Sample : N4641-12
 Misc : 6.02G/5mL/100uL/5.0mL/MSVOA_X/MEOH
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 D22021-6

Quant Time: Sep 21 04:55:26 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091922W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 20 09:45:29 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	69013	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	112261	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	216606	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	178908	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	72672	57.473	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	114.940%
35) Dibromofluoromethane	5.385	113	55439	47.746	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	95.500%
50) Toluene-d8	8.647	98	328220	73.385	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	146.760%#
62) 4-Bromofluorobenzene	11.085	95	180315	119.020	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	238.040%#
Target Compounds						
						Qvalue
5) Bromomethane	1.612	94	1108	0.518	ug/l #	80
6) Chloroethane	1.697	64	372	Below Cal	#	43
11) Tert butyl alcohol	2.947	59	12641	17.454	ug/l #	73
13) Acrolein	2.185	56	705	Below Cal	#	1
14) Allyl chloride	2.752	41	31572	18.023	ug/l #	62
15) Acrylonitrile	3.081	53	7894	11.852	ug/l #	42
16) Acetone	2.422	43	785	Below Cal	#	84
18) Methyl Acetate	2.752	43	67085	35.470	ug/l #	52
19) Methyl tert-butyl Ether	3.130	73	4744	1.221	ug/l #	54
20) Methylene Chloride	2.782	84	1104	Below Cal	#	1
23) Vinyl Acetate	3.715	43	1622	0.500	ug/l #	71
24) 1,1-Dichloroethane	3.715	63	575	0.268	ug/l #	82
25) 2-Butanone	4.428	43	4809	4.922	ug/l #	49
26) 2,2-Dichloropropane	4.282	77	2151	1.136	ug/l #	54
30) Chloroform	5.154	83	18064	7.683	ug/l #	26
31) Cyclohexane	5.465	56	228632	121.794	ug/l #	89
36) 1,1-Dichloropropene	5.544	75	5410	3.032	ug/l #	49
37) Ethyl Acetate	4.763	43	1011	0.475	ug/l #	1
38) Carbon Tetrachloride	5.556	117	6730	3.403	ug/l #	18
39) Methylcyclohexane	7.379	83	546672	248.988	ug/l	97
40) Benzene	6.031	78	40658	7.637	ug/l	98
41) Methacrylonitrile	4.940	41	4092	3.861	ug/l #	47
43) Isopropyl Acetate	6.348	43	12756	3.899	ug/l #	62
45) 1,2-Dichloropropane	7.379	63	6577	4.915	ug/l #	1
46) Dibromomethane	7.556	93	1400	1.359	ug/l #	1
47) Bromodichloromethane	7.769	83	11010	5.685	ug/l #	22
48) Methyl methacrylate	7.653	41	55260	36.969	ug/l #	53
51) 4-Methyl-2-Pentanone	8.616	43	94626	44.965	ug/l #	73
52) Toluene	8.720	92	1947	0.561	ug/l	98
55) 1,1,2-Trichloroethane	9.104	97	188534	131.785	ug/l #	18
56) Ethyl methacrylate	9.104	69	55688	27.369	ug/l #	6
58) 2-Chloroethyl Vinyl ether	8.269	63	1440	1.878	ug/l #	46
59) 2-Hexanone	9.385	43	142410	90.105	ug/l #	30
61) 1,2-Dibromoethane	9.604	107	1106	0.718	ug/l #	1
65) Chlorobenzene	10.012	112	4237	0.634	ug/l #	55
67) Ethyl Benzene	10.195	91	639613	54.233	ug/l	95

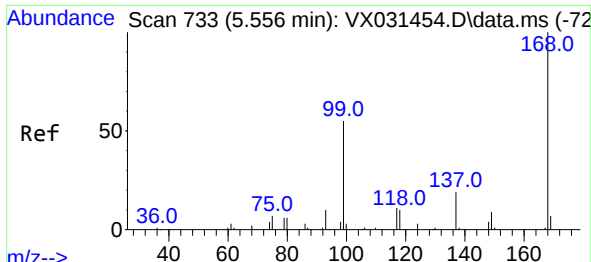
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092022\
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 Quant Title : SW846 8260
 QLast Update : Tue Sep 20 09:45:29 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
68) m/p-Xylenes	10.305	106	132788	28.017	ug/l	96
69) o-Xylene	10.647	106	9668	2.137	ug/l	84
73) Isopropylbenzene	10.964	105	376432	28.176	ug/l	97
74) N-amyl acetate	10.860	43	73492	13.572	ug/l #	1
75) 1,1,2,2-Tetrachloroethane	11.195	83	15922	0.807	ug/l #	15
76) 1,2,3-Trichloropropane	11.305	75	9822	2.460	ug/l #	1
78) n-propylbenzene	11.305	91	1665159	108.334	ug/l	93
79) 2-Chlorotoluene	11.402	91	308383	33.707	ug/l #	40
80) 1,3,5-Trimethylbenzene	11.457	105	3116098	274.834	ug/l	93
81) trans-1,4-Dichloro-2-b...	10.964	75	4259	3.434	ug/l #	1
82) 4-Chlorotoluene	11.457	91	340318	31.696	ug/l #	46
83) tert-Butylbenzene	11.756	119	384315	34.972	ug/l #	65
84) 1,2,4-Trimethylbenzene	11.756	105	2868663	256.906	ug/l	93
85) sec-Butylbenzene	11.890	105	265076	19.060	ug/l	95
86) p-Isopropyltoluene	12.012	119	135507	11.539	ug/l	98
89) n-Butylbenzene	12.329	91	1349995	134.954	ug/l #	16
90) Hexachloroethane	12.536	117	265163	131.406	ug/l #	15
92) 1,2-Dibromo-3-Chloropr...	12.963	75	15403	16.778	ug/l #	5
95) Naphthalene	13.780	128	2824569	220.229	ug/l	97
96) 1,2,3-Trichlorobenzene	13.975	180	815	0.226	ug/l #	1

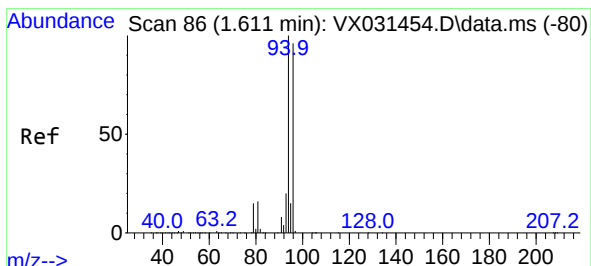
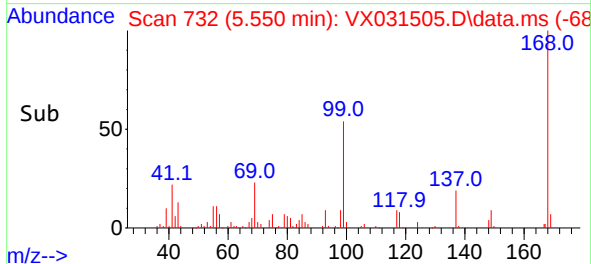
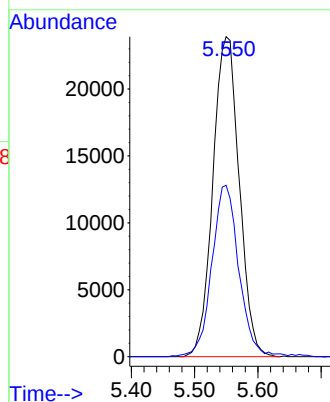
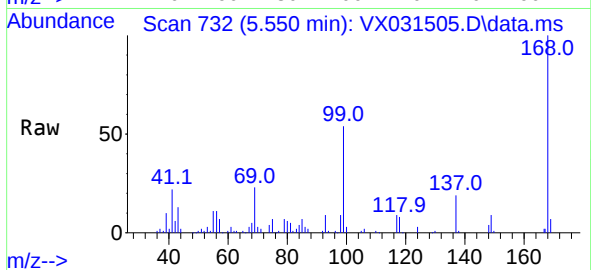
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX031505.D
Acq: 20 Sep 2022 18:53

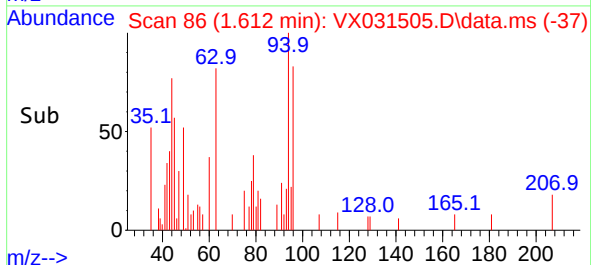
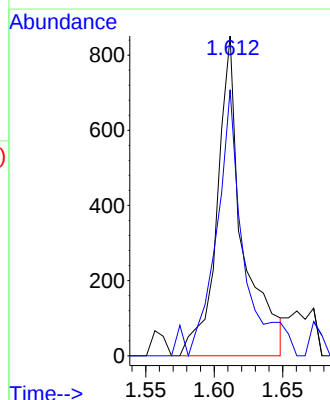
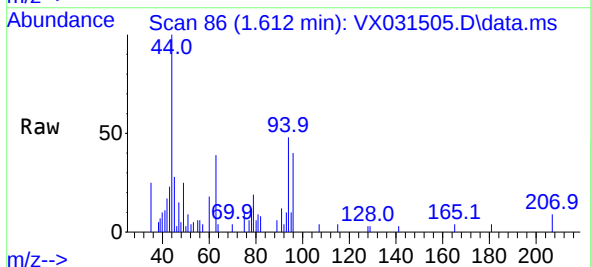
Instrument :
MSVOA_X
Client Sample Id :
D22021-6

Tgt Ion:168 Resp: 69013
Ion Ratio Lower Upper
168 100
99 53.0 48.8 73.2

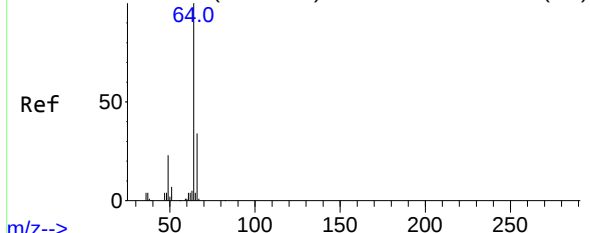


#5
Bromomethane
Concen: 0.518 ug/l
RT: 1.612 min Scan# 86
Delta R.T. 0.001 min
Lab File: VX031505.D
Acq: 20 Sep 2022 18:53

Tgt Ion: 94 Resp: 1108
Ion Ratio Lower Upper
94 100
96 73.7 74.4 111.6#

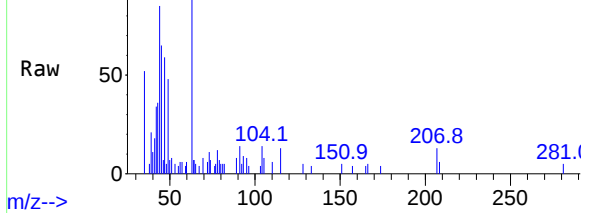


Abundance Scan 98 (1.685 min): VX031454.D\data.ms (-92)



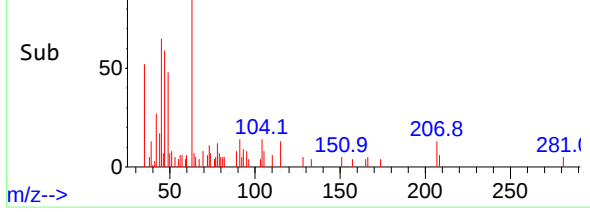
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Abundance Scan 100 (1.697 min): VX031505.D\data.ms



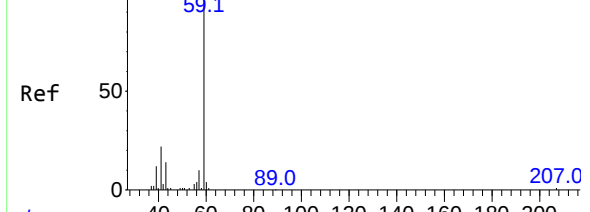
m/z-->

Abundance Scan 100 (1.697 min): VX031505.D\data.ms (-49)



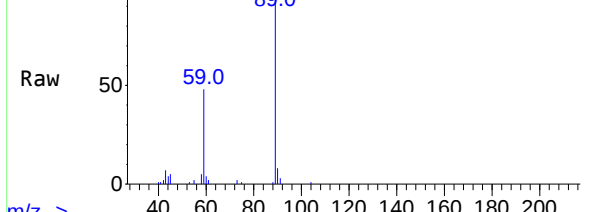
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Abundance Scan 312 (2.989 min): VX031454.D\data.ms (-29)



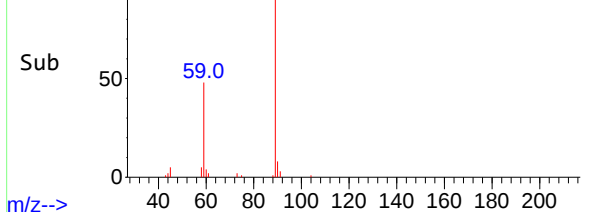
m/z-->

Abundance Scan 305 (2.947 min): VX031505.D\data.ms



m/z-->

Abundance Scan 305 (2.947 min): VX031505.D\data.ms (-26)



m/z-->

#6

Chloroethane

Concen: Below Cal

RT: 1.697 min Scan# 10

Delta R.T. 0.012 min

Lab File: VX031505.D

Acq: 20 Sep 2022 18:53

Instrument :

MSVOA_X

ClientSampleId :

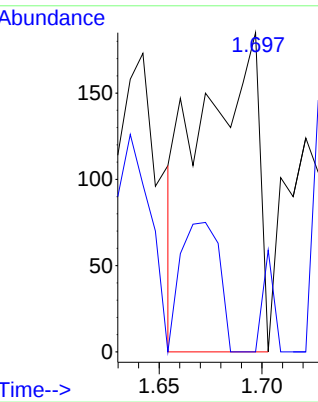
D22021-6

Tgt Ion: 64 Resp: 372

Ion Ratio Lower Upper

64 100

66 0.0 25.0 37.4#



#11

Tert butyl alcohol

Concen: 17.454 ug/l

RT: 2.947 min Scan# 305

Delta R.T. -0.042 min

Lab File: VX031505.D

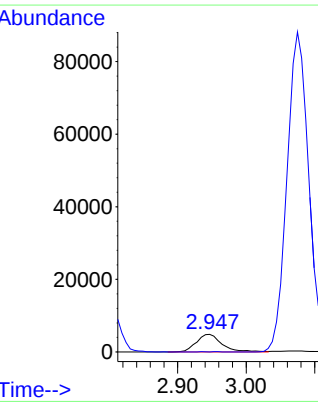
Acq: 20 Sep 2022 18:53

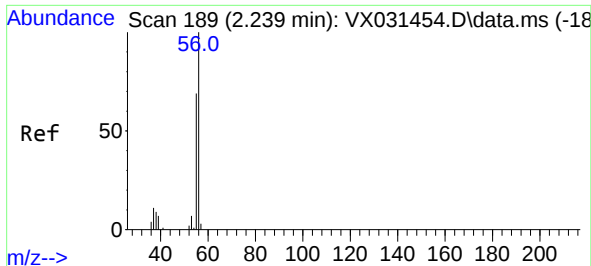
Tgt Ion: 59 Resp: 12641

Ion Ratio Lower Upper

59 100

57 0.0 8.2 12.2#





#13

Acrolein

Concen: Below Cal

RT: 2.185 min Scan# 11

Delta R.T. -0.054 min

Lab File: VX031505.D

Acq: 20 Sep 2022 18:53

Instrument :

MSVOA_X

ClientSampleId :

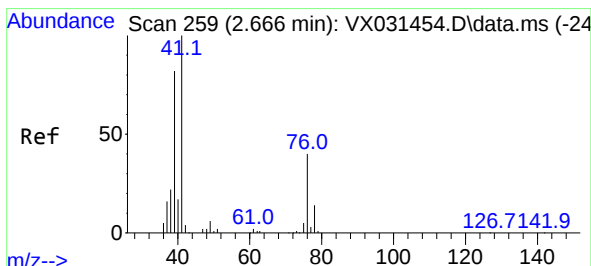
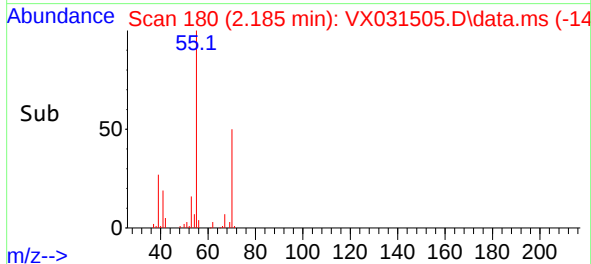
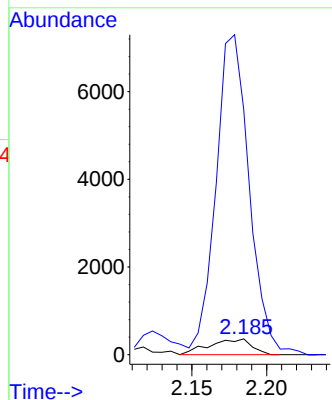
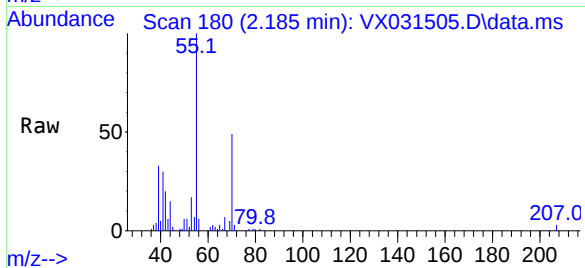
D22021-6

Tgt Ion: 56 Resp: 705

Ion Ratio Lower Upper

56 100

55 1602.7 56.0 84.0#



#14

Allyl chloride

Concen: 18.023 ug/l

RT: 2.752 min Scan# 273

Delta R.T. 0.086 min

Lab File: VX031505.D

Acq: 20 Sep 2022 18:53

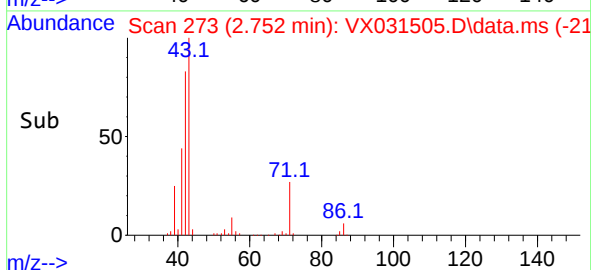
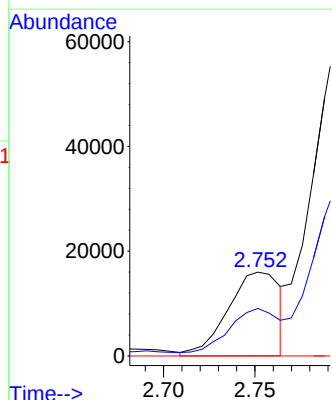
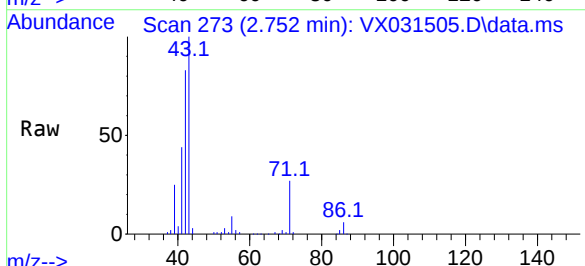
Tgt Ion: 41 Resp: 31572

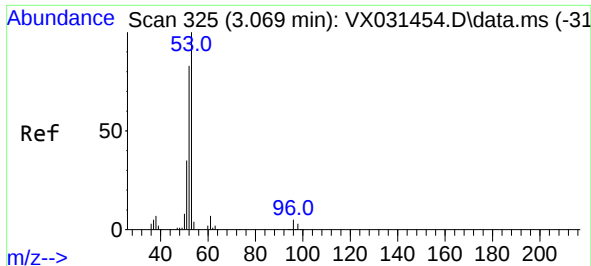
Ion Ratio Lower Upper

41 100

39 48.8 58.2 87.4#

76 0.0 26.9 40.3#

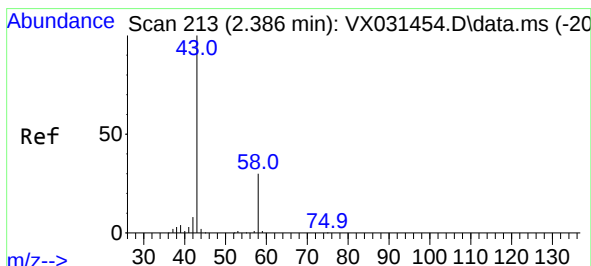
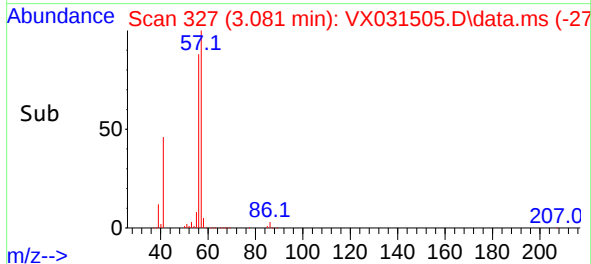
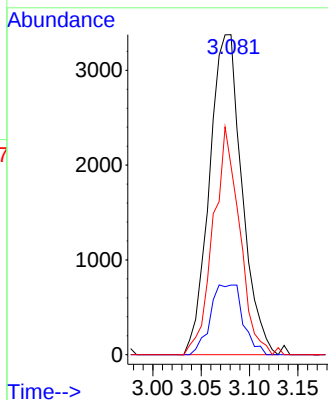
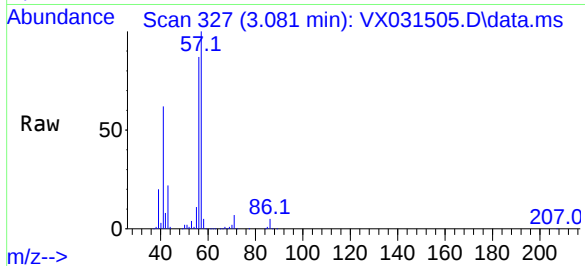




#15
Acrylonitrile
Concen: 11.852 ug/l
RT: 3.081 min Scan# 31
Delta R.T. 0.012 min
Lab File: VX031505.D
Acq: 20 Sep 2022 18:53

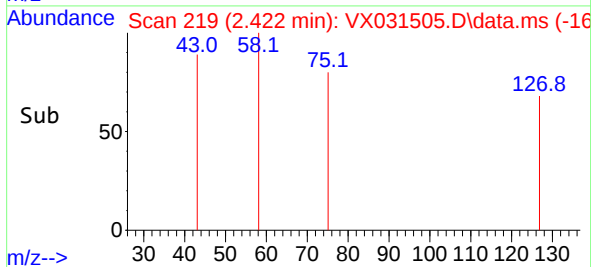
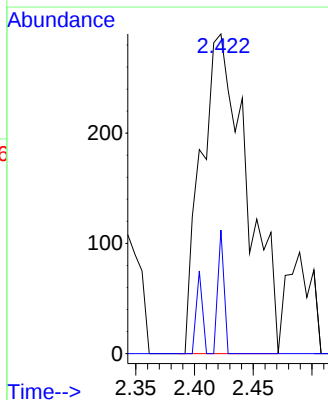
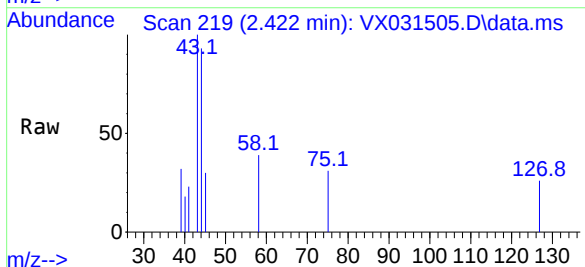
Instrument :
MSVOA_X
ClientSampleId :
D22021-6

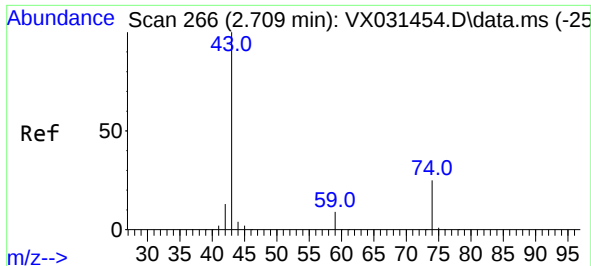
Tgt Ion: 53 Resp: 7894
Ion Ratio Lower Upper
53 100
52 21.7 66.9 100.3#
51 58.1 30.0 45.0#



#16
Acetone
Concen: Below Cal
RT: 2.422 min Scan# 219
Delta R.T. 0.036 min
Lab File: VX031505.D
Acq: 20 Sep 2022 18:53

Tgt Ion: 43 Resp: 785
Ion Ratio Lower Upper
43 100
58 38.6 23.8 35.8#





#18

Methyl Acetate

Concen: 35.470 ug/l

RT: 2.752 min Scan# 21

Delta R.T. 0.043 min

Lab File: VX031505.D

Acq: 20 Sep 2022 18:53

Instrument :

MSVOA_X

ClientSampleId :

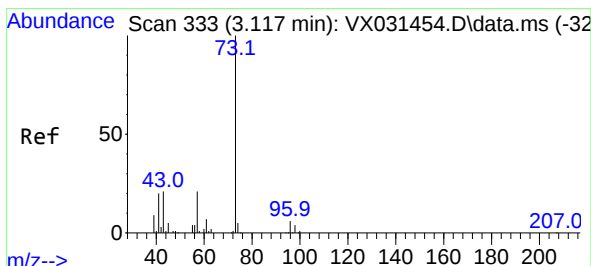
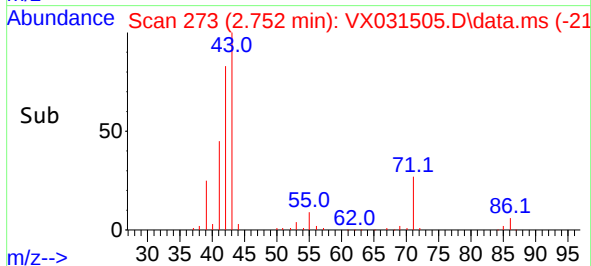
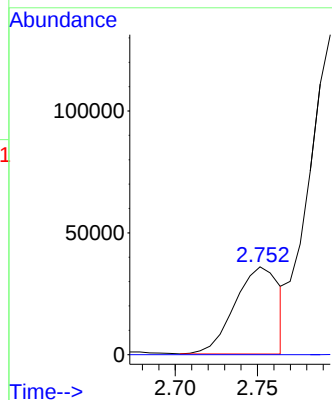
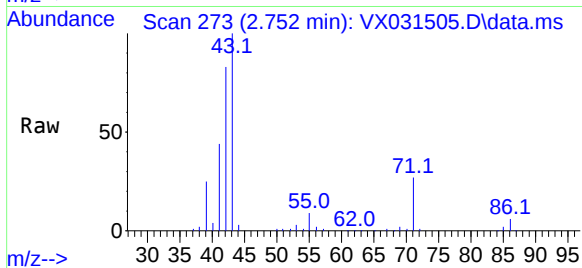
D22021-6

Tgt Ion: 43 Resp: 67085

Ion Ratio Lower Upper

43 100

74 0.0 18.6 27.8#



#19

Methyl tert-butyl Ether

Concen: 1.221 ug/l

RT: 3.130 min Scan# 335

Delta R.T. 0.013 min

Lab File: VX031505.D

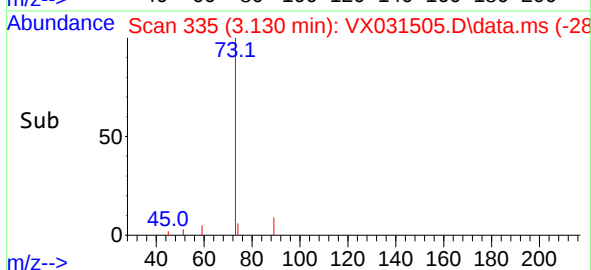
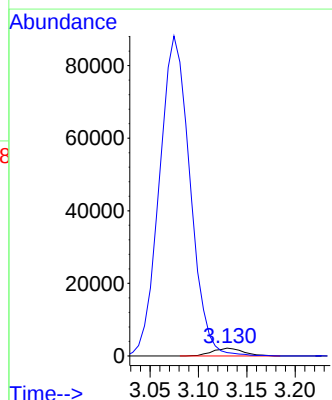
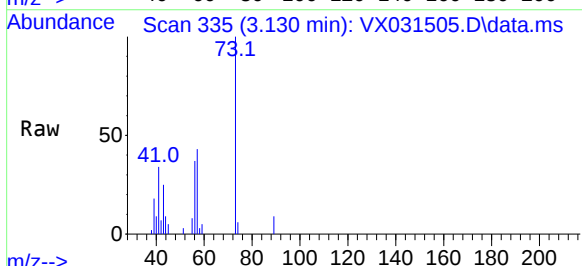
Acq: 20 Sep 2022 18:53

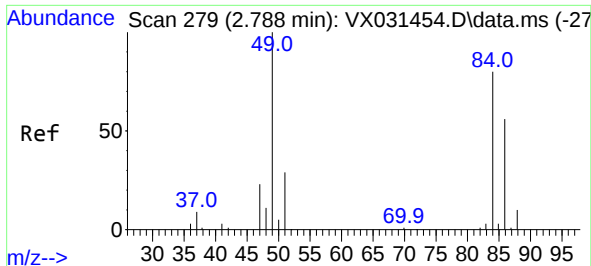
Tgt Ion: 73 Resp: 4744

Ion Ratio Lower Upper

73 100

57 43.0 17.2 25.8#





#20

Methylene Chloride

Concen: Below Cal

RT: 2.782 min Scan# 21

Delta R.T. -0.006 min

Lab File: VX031505.D

Acq: 20 Sep 2022 18:53

Instrument :

MSVOA_X

ClientSampleId :

D22021-6

Tgt Ion: 84 Resp: 1104

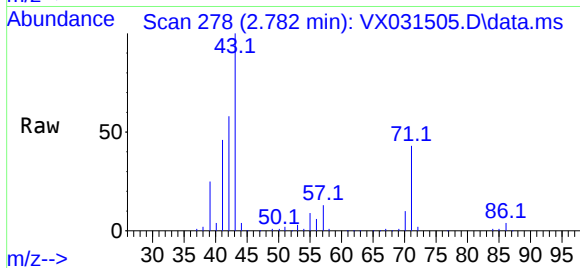
Ion Ratio Lower Upper

84 100

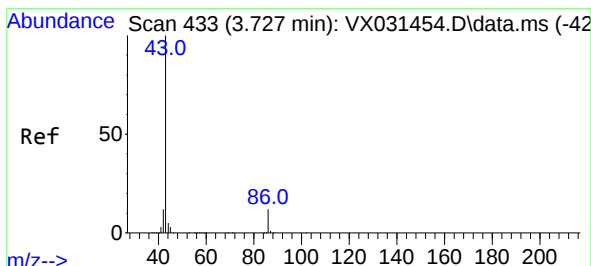
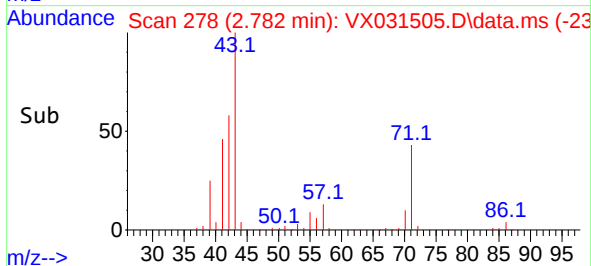
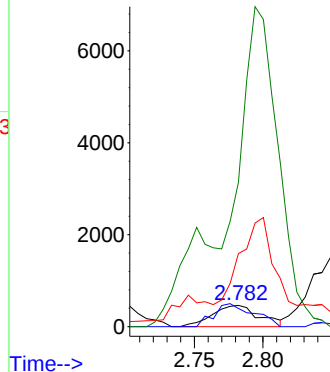
49 85.8 105.9 158.9#

51 249.4 32.2 48.2#

86 391.2 50.8 76.2#



Abundance



#23

Vinyl Acetate

Concen: 0.500 ug/l

RT: 3.715 min Scan# 431

Delta R.T. -0.012 min

Lab File: VX031505.D

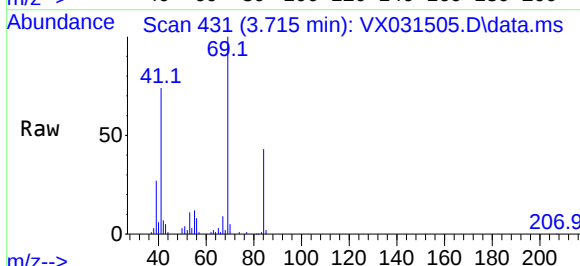
Acq: 20 Sep 2022 18:53

Tgt Ion: 43 Resp: 1622

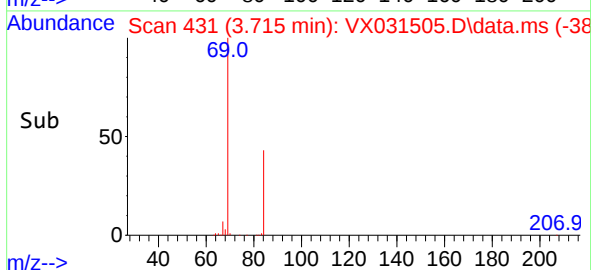
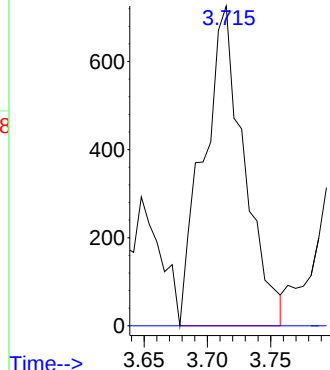
Ion Ratio Lower Upper

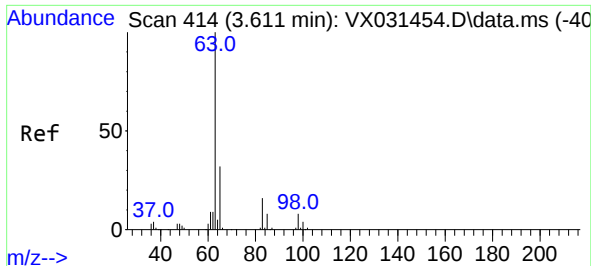
43 100

86 0.0 8.7 13.1#



Abundance

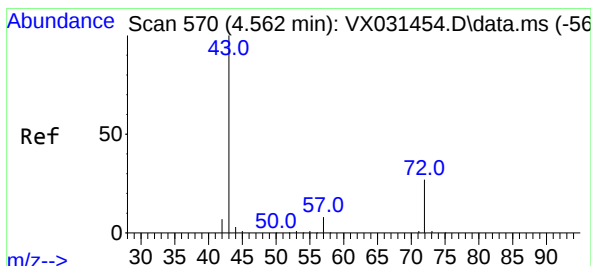
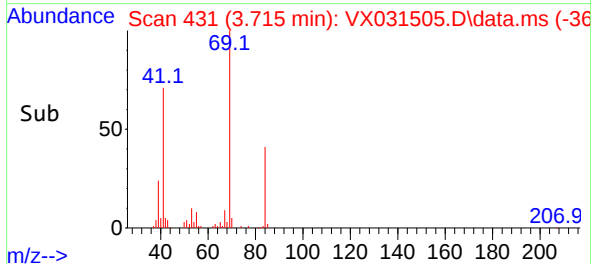
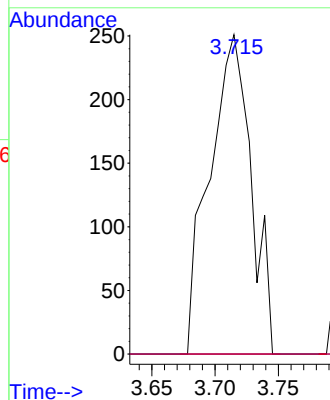
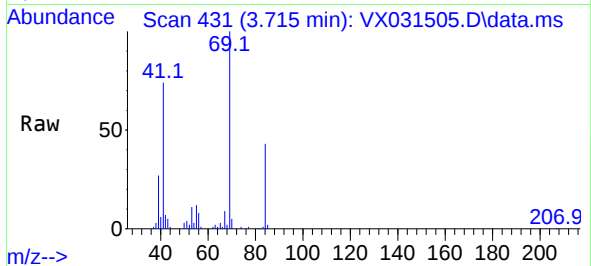




#24
1,1-Dichloroethane
Concen: 0.268 ug/l
RT: 3.715 min Scan# 41
Delta R.T. 0.104 min
Lab File: VX031505.D
Acq: 20 Sep 2022 18:53

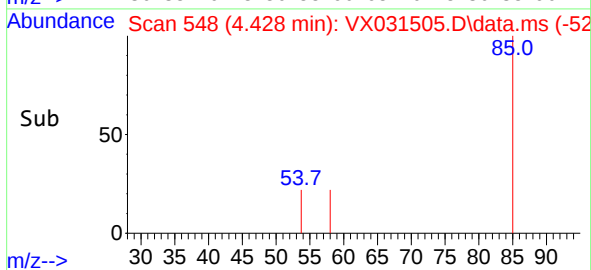
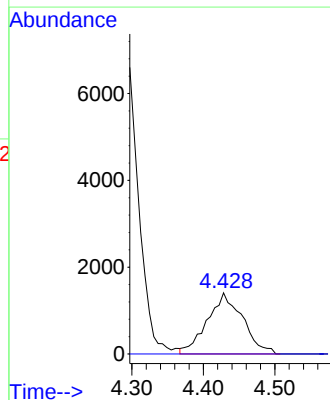
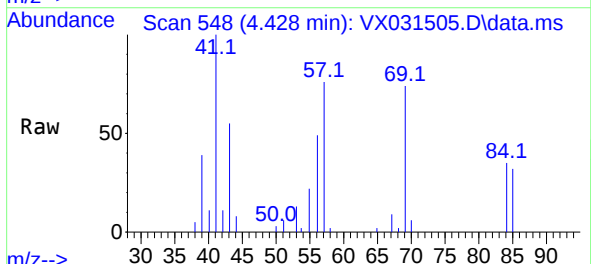
Instrument :
MSVOA_X
ClientSampleId :
D22021-6

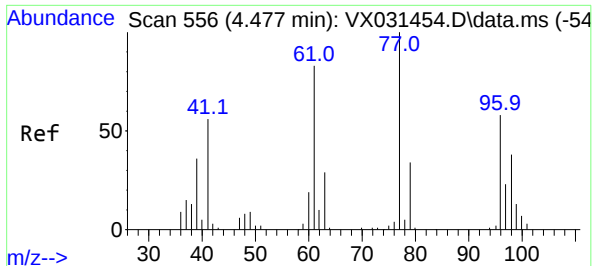
Tgt Ion: 63 Resp: 575
Ion Ratio Lower Upper
63 100
98 0.0 3.5 10.4#
100 0.0 2.4 7.2#



#25
2-Butanone
Concen: 4.922 ug/l
RT: 4.428 min Scan# 548
Delta R.T. -0.134 min
Lab File: VX031505.D
Acq: 20 Sep 2022 18:53

Tgt Ion: 43 Resp: 4809
Ion Ratio Lower Upper
43 100
72 0.0 21.1 31.7#





#26

2,2-Dichloropropane

Concen: 1.136 ug/l

RT: 4.282 min Scan# 51

Delta R.T. -0.195 min

Lab File: VX031505.D

Acq: 20 Sep 2022 18:53

Instrument :

MSVOA_X

ClientSampleId :

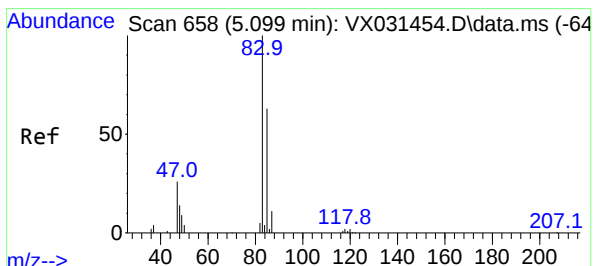
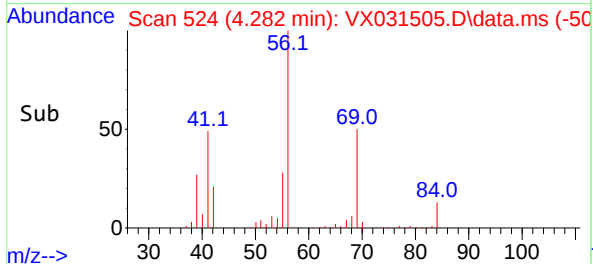
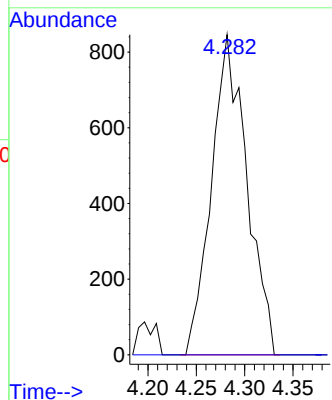
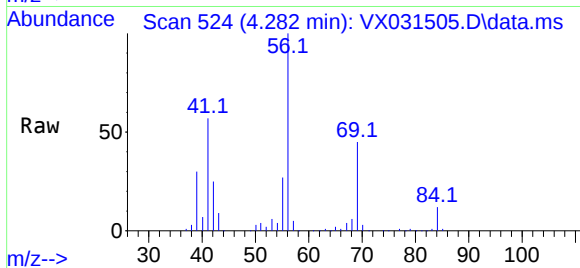
D22021-6

Tgt Ion: 77 Resp: 2151

Ion Ratio Lower Upper

77 100

97 0.0 10.9 32.6#



#30

Chloroform

Concen: 7.683 ug/l

RT: 5.154 min Scan# 667

Delta R.T. 0.055 min

Lab File: VX031505.D

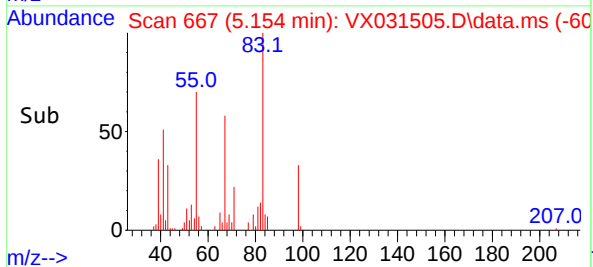
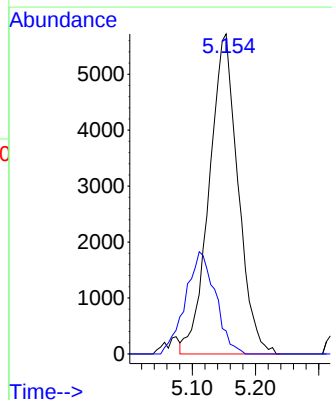
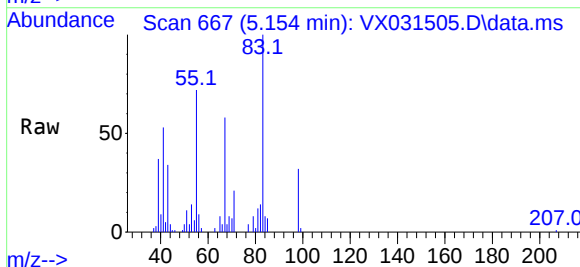
Acq: 20 Sep 2022 18:53

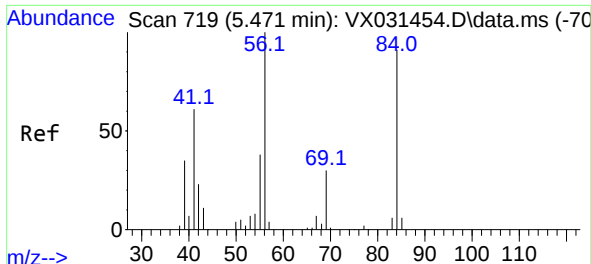
Tgt Ion: 83 Resp: 18064

Ion Ratio Lower Upper

83 100

85 7.2 52.8 79.2#

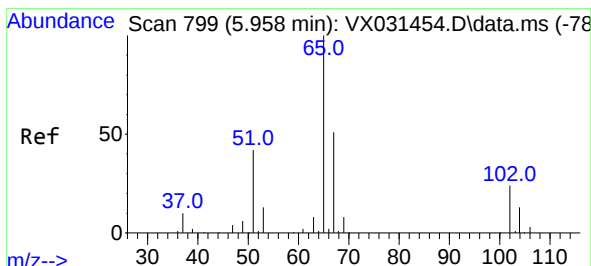
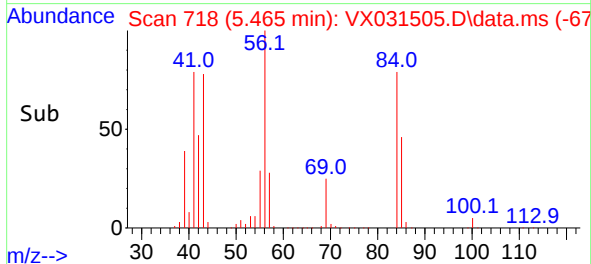
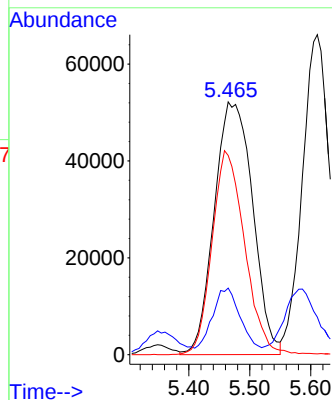
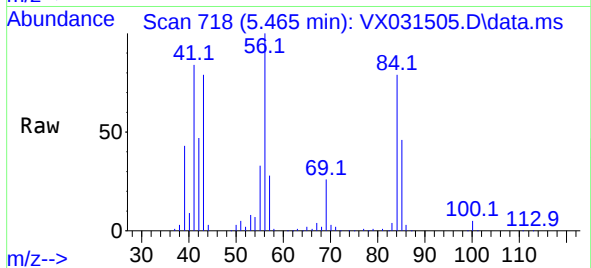




#31
Cyclohexane
Concen: 121.794 ug/l
RT: 5.465 min Scan# 719
Delta R.T. -0.006 min
Lab File: VX031505.D
Acq: 20 Sep 2022 18:53

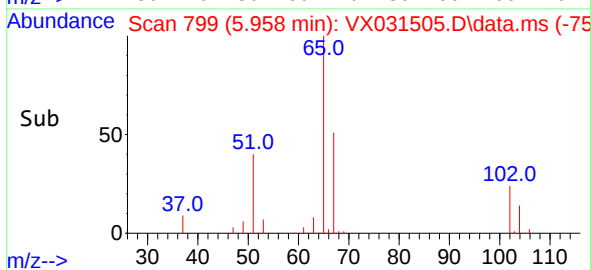
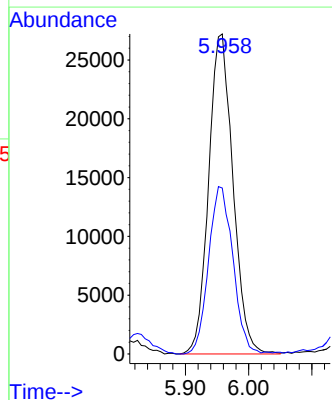
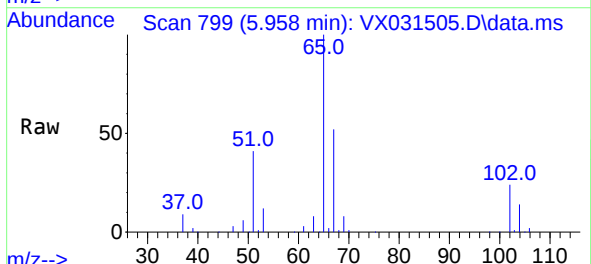
Instrument :
MSVOA_X
ClientSampleId :
D22021-6

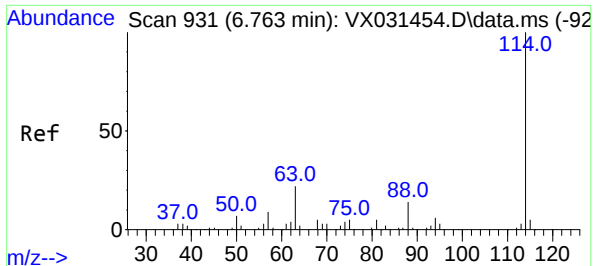
Tgt Ion: 56 Resp: 228632
Ion Ratio Lower Upper
56 100
69 22.2 25.1 37.7#
84 79.4 70.2 105.4



#33
1,2-Dichloroethane-d4
Concen: 57.473 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX031505.D
Acq: 20 Sep 2022 18:53

Tgt Ion: 65 Resp: 72672
Ion Ratio Lower Upper
65 100
67 52.6 0.0 102.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 91

Delta R.T. -0.006 min

Lab File: VX031505.D

Acq: 20 Sep 2022 18:53

Instrument :

MSVOA_X

ClientSampleId :

D22021-6

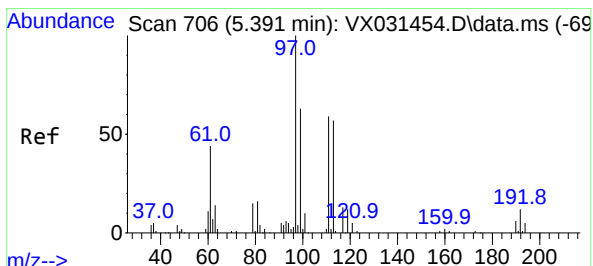
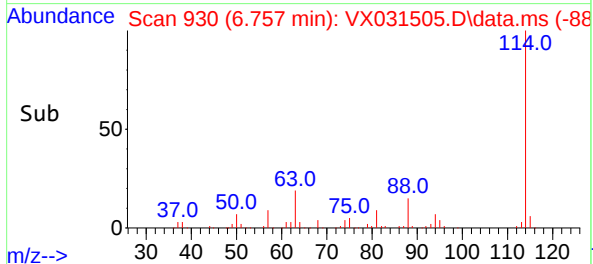
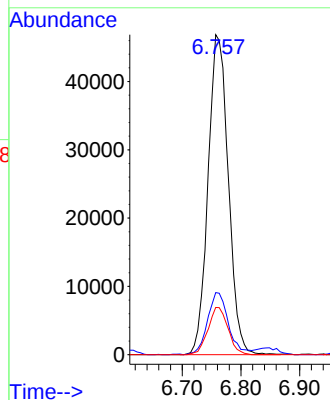
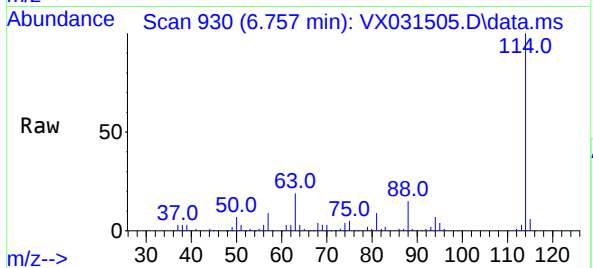
Tgt Ion:114 Resp: 112261

Ion Ratio Lower Upper

114 100

63 19.2 0.0 42.6

88 14.8 0.0 33.0



#35

Dibromofluoromethane

Concen: 47.746 ug/l

RT: 5.385 min Scan# 705

Delta R.T. -0.006 min

Lab File: VX031505.D

Acq: 20 Sep 2022 18:53

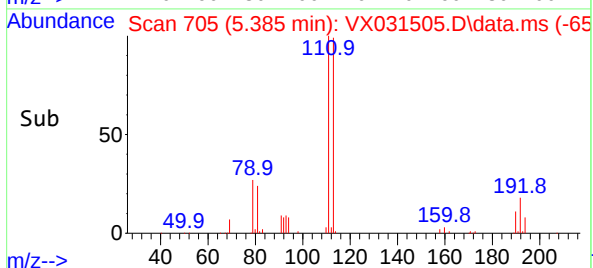
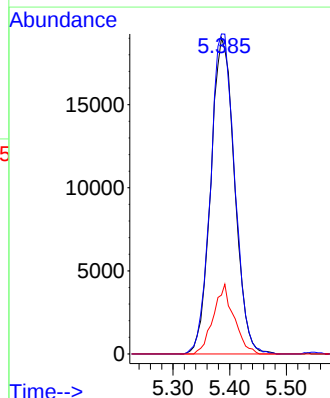
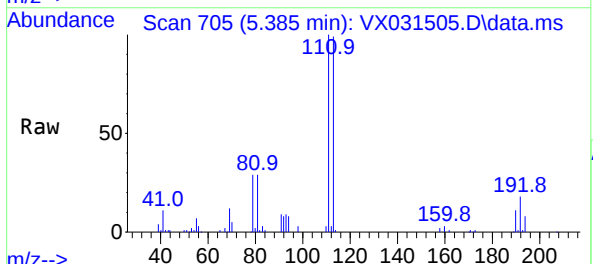
Tgt Ion:113 Resp: 55439

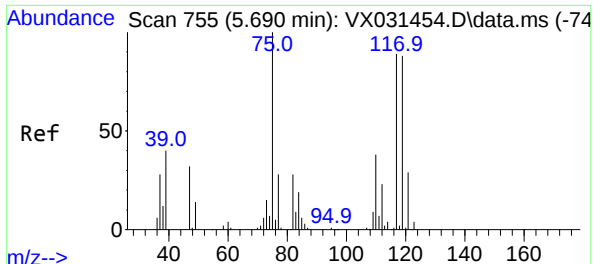
Ion Ratio Lower Upper

113 100

111 102.5 82.4 123.6

192 19.1 14.1 21.1

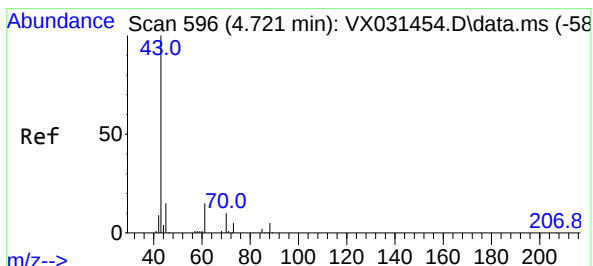
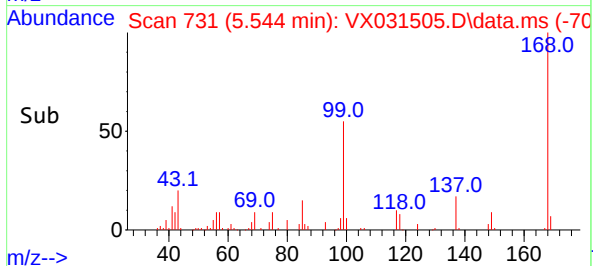
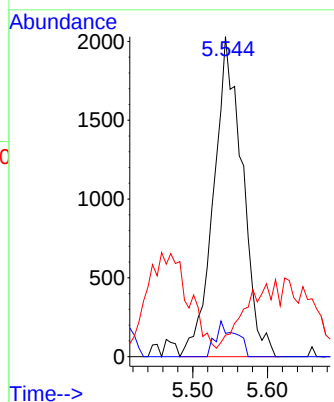
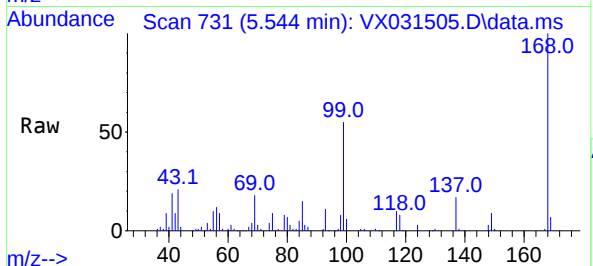




#36
1,1-Dichloropropene
Concen: 3.032 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.146 min
Lab File: VX031505.D
Acq: 20 Sep 2022 18:53

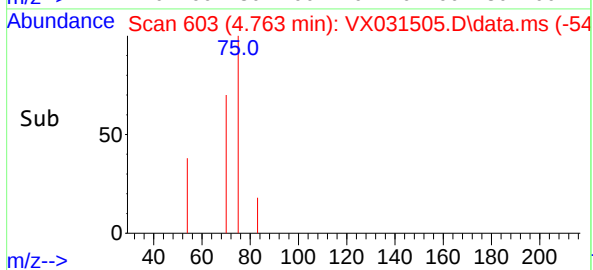
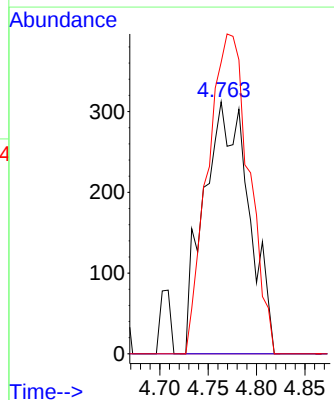
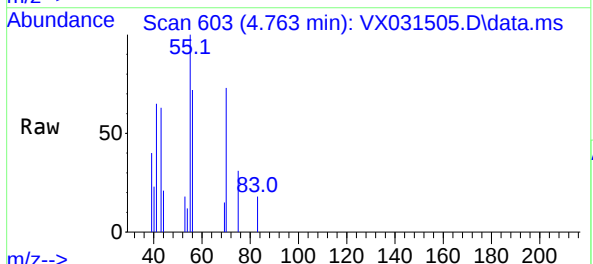
Instrument :
MSVOA_X
ClientSampleId :
D22021-6

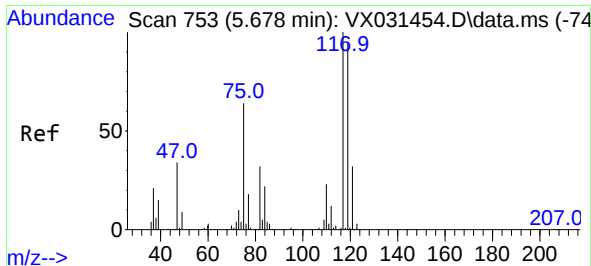
Tgt Ion: 75 Resp: 5410
Ion Ratio Lower Upper
75 100
110 7.7 17.5 52.5#
77 0.0 24.9 37.3#



#37
Ethyl Acetate
Concen: 0.475 ug/l
RT: 4.763 min Scan# 603
Delta R.T. 0.042 min
Lab File: VX031505.D
Acq: 20 Sep 2022 18:53

Tgt Ion: 43 Resp: 1011
Ion Ratio Lower Upper
43 100
61 0.0 11.1 16.7#
70 116.5 8.6 13.0#

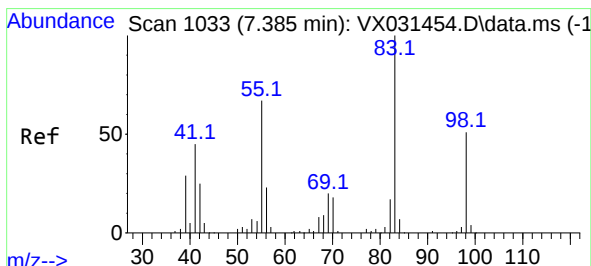
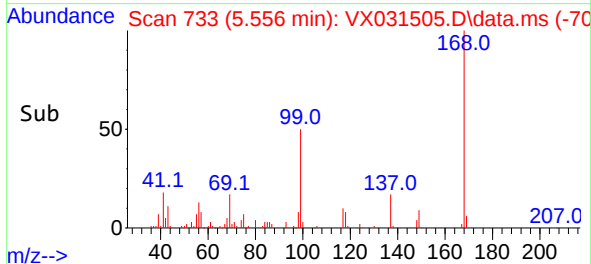
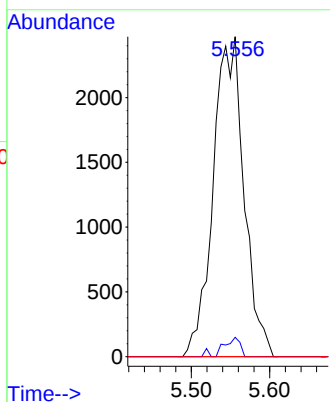
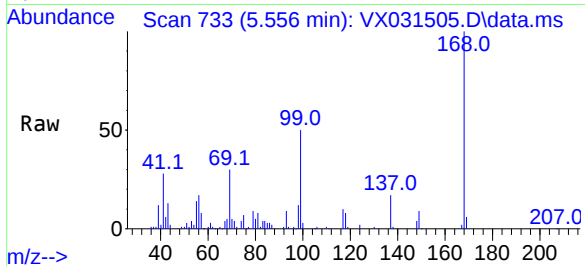




#38
Carbon Tetrachloride
Concen: 3.403 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.122 min
Lab File: VX031505.D
Acq: 20 Sep 2022 18:53

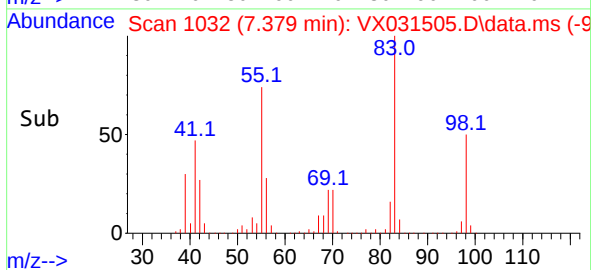
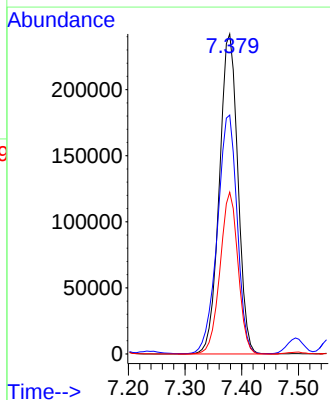
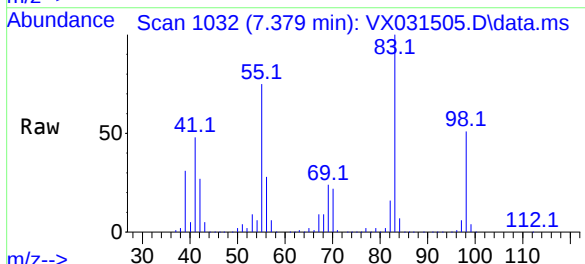
Instrument :
MSVOA_X
ClientSampleId :
D22021-6

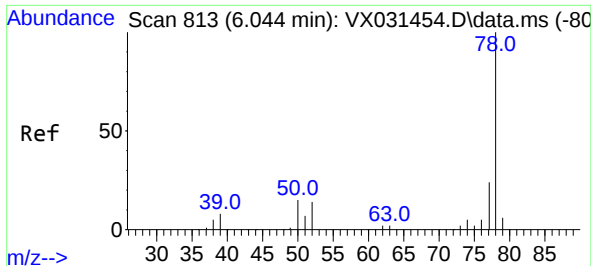
Tgt Ion:117 Resp: 6730
Ion Ratio Lower Upper
117 100
119 6.0 74.6 112.0#
121 0.0 25.3 37.9#



#39
Methylcyclohexane
Concen: 248.988 ug/l
RT: 7.379 min Scan# 1032
Delta R.T. -0.006 min
Lab File: VX031505.D
Acq: 20 Sep 2022 18:53

Tgt Ion: 83 Resp: 546672
Ion Ratio Lower Upper
83 100
55 74.6 61.0 91.4
98 50.6 37.7 56.5

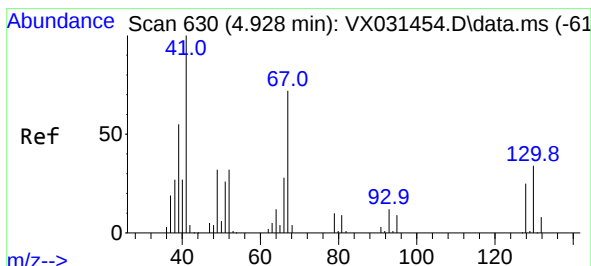
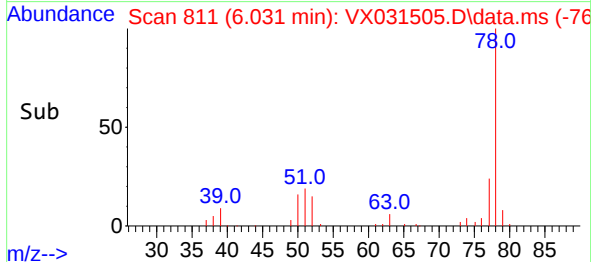
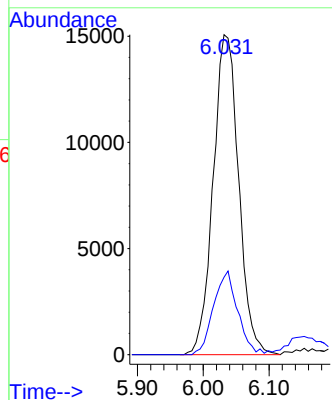
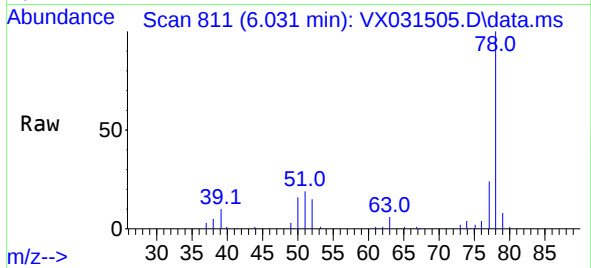




#40
Benzene
Concen: 7.637 ug/l
RT: 6.031 min Scan# 81
Delta R.T. -0.013 min
Lab File: VX031505.D
Acq: 20 Sep 2022 18:53

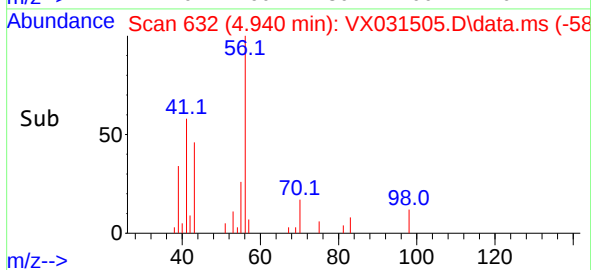
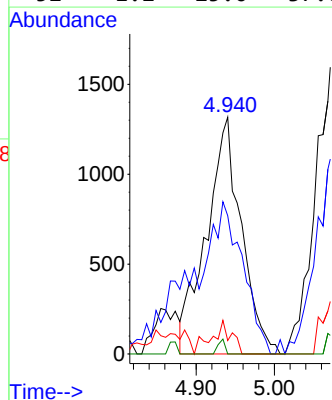
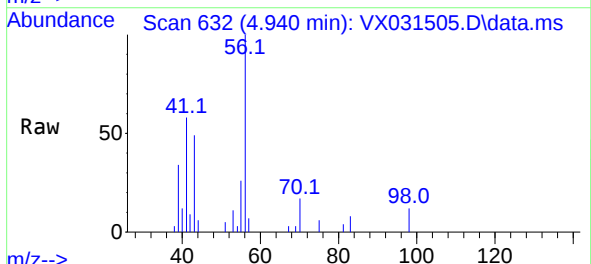
Instrument :
MSVOA_X
ClientSampleId :
D22021-6

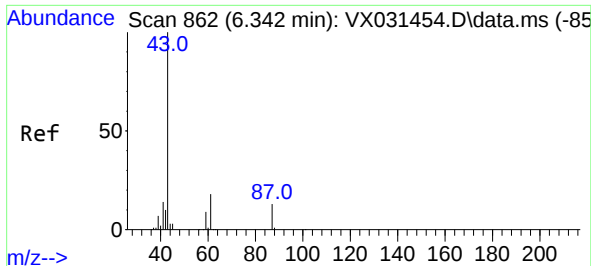
Tgt Ion: 78 Resp: 40658
Ion Ratio Lower Upper
78 100
77 24.2 18.7 28.1



#41
Methacrylonitrile
Concen: 3.861 ug/l
RT: 4.940 min Scan# 632
Delta R.T. 0.012 min
Lab File: VX031505.D
Acq: 20 Sep 2022 18:53

Tgt Ion: 41 Resp: 4092
Ion Ratio Lower Upper
41 100
39 61.9 45.0 67.6
67 0.0 58.2 87.4#
52 1.2 25.0 37.6#

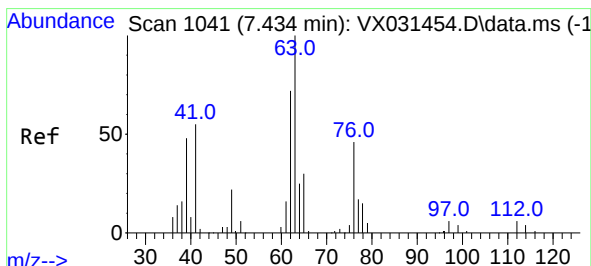
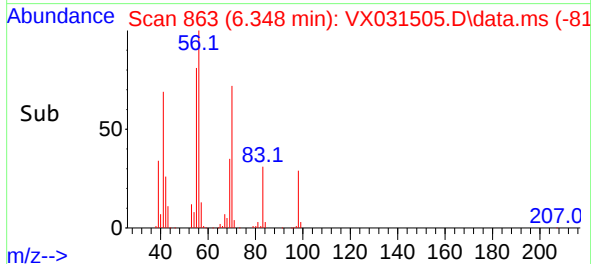
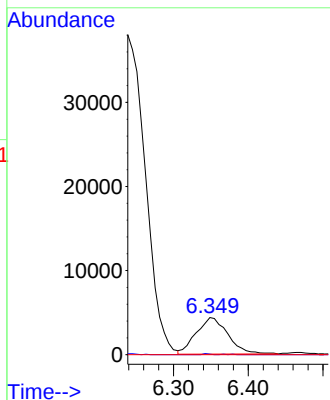
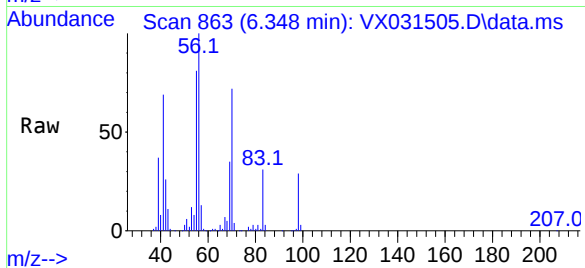




#43
Isopropyl Acetate
Concen: 3.899 ug/l
RT: 6.348 min Scan# 80
Delta R.T. 0.006 min
Lab File: VX031505.D
Acq: 20 Sep 2022 18:53

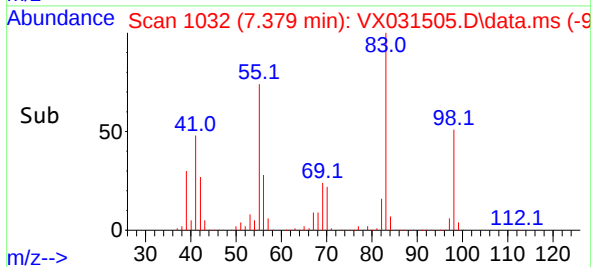
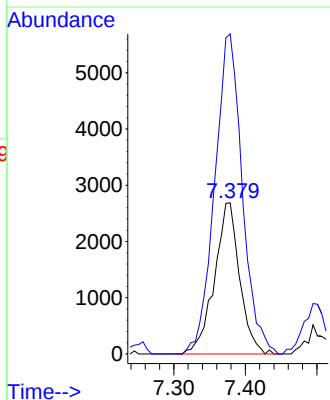
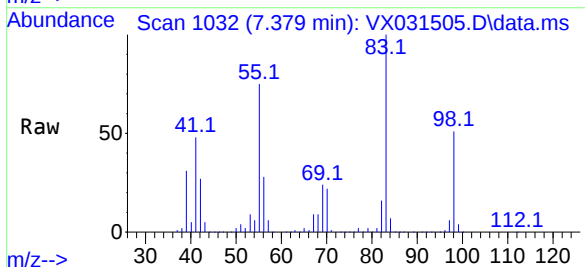
Instrument :
MSVOA_X
ClientSampleId :
D22021-6

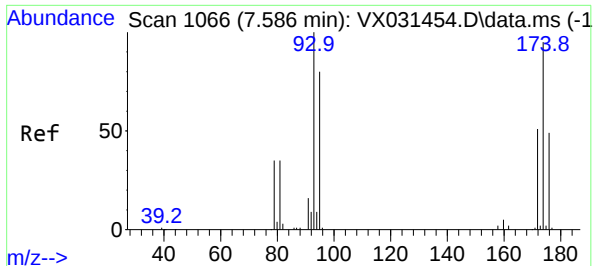
Tgt Ion: 43 Resp: 12756
Ion Ratio Lower Upper
43 100
61 0.5 15.3 22.9#
87 0.0 10.6 15.8#



#45
1,2-Dichloropropane
Concen: 4.915 ug/l
RT: 7.379 min Scan# 1032
Delta R.T. -0.055 min
Lab File: VX031505.D
Acq: 20 Sep 2022 18:53

Tgt Ion: 63 Resp: 6577
Ion Ratio Lower Upper
63 100
65 211.6 26.6 39.8#





#46

Dibromomethane

Concen: 1.359 ug/l

RT: 7.556 min Scan# 1061

Delta R.T. -0.030 min

Lab File: VX031505.D

Acq: 20 Sep 2022 18:53

Instrument :

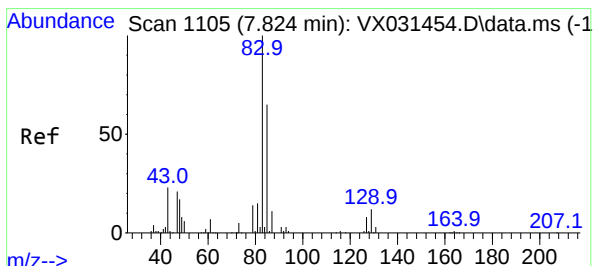
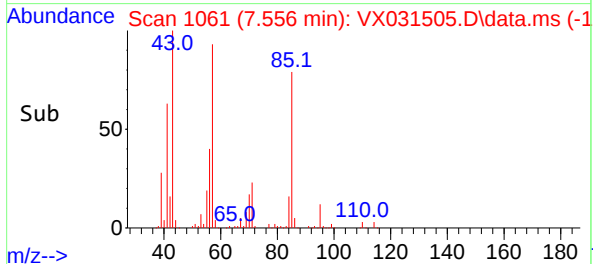
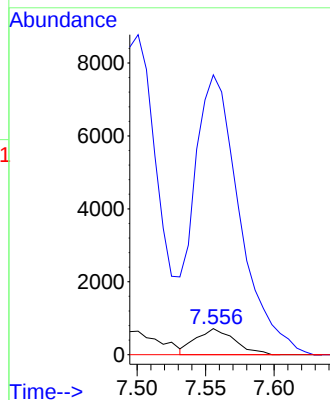
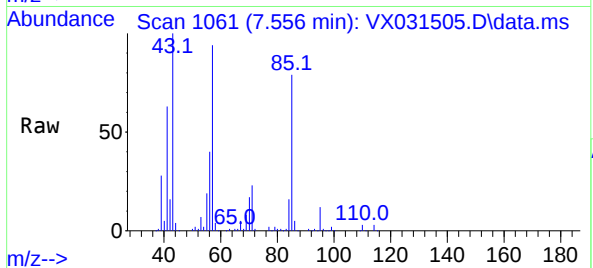
MSVOA_X

ClientSampleId :

D22021-6

Tgt Ion: 93 Resp: 1400

Ion	Ratio	Lower	Upper
93	100		
95	1252.1	65.5	98.3#
174	0.0	67.6	101.4#



#47

Bromodichloromethane

Concen: 5.685 ug/l

RT: 7.769 min Scan# 1096

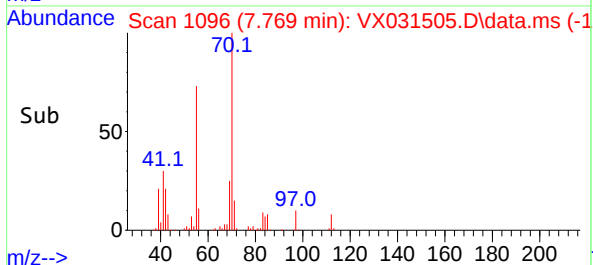
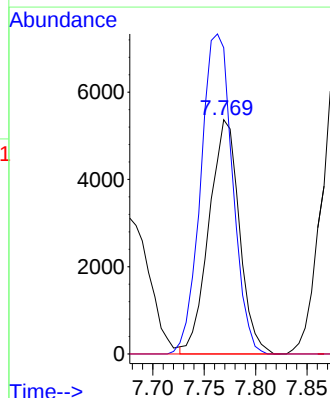
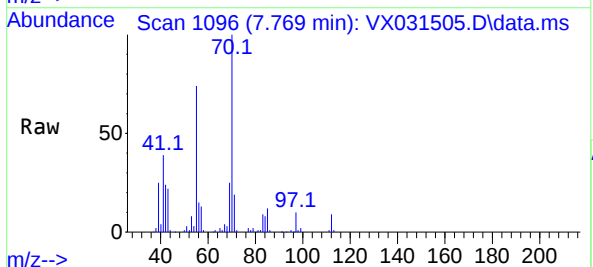
Delta R.T. -0.055 min

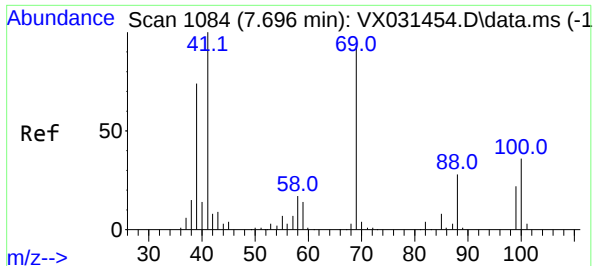
Lab File: VX031505.D

Acq: 20 Sep 2022 18:53

Tgt Ion: 83 Resp: 11010

Ion	Ratio	Lower	Upper
83	100		
85	130.7	51.0	76.6#
127	0.0	7.0	10.6#





#48

Methyl methacrylate

Concen: 36.969 ug/l

RT: 7.653 min Scan# 1084

Delta R.T. -0.043 min

Lab File: VX031505.D

Acq: 20 Sep 2022 18:53

Instrument :

MSVOA_X

ClientSampleId :

D22021-6

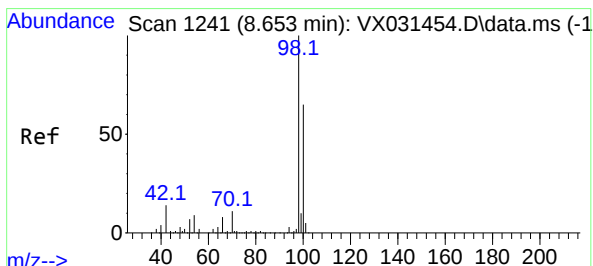
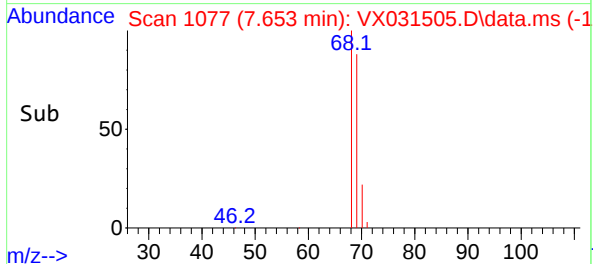
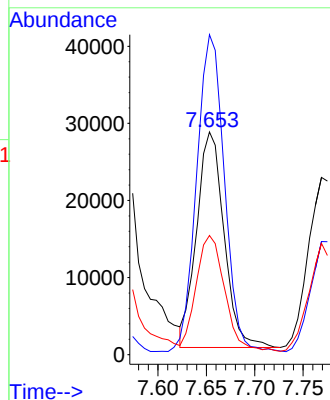
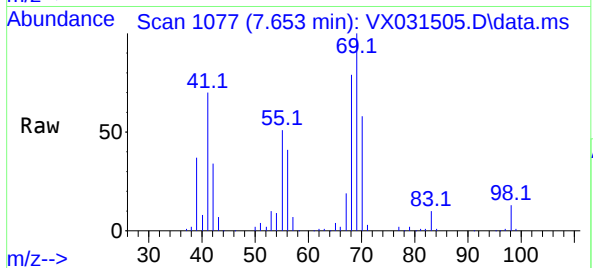
Tgt Ion: 41 Resp: 55260

Ion Ratio Lower Upper

41 100

69 148.5 64.6 96.8#

39 55.8 51.4 77.0



#50

Toluene-d8

Concen: 73.385 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. -0.006 min

Lab File: VX031505.D

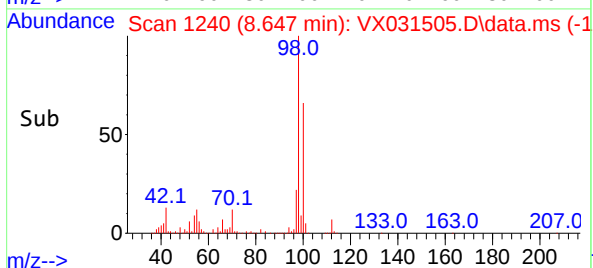
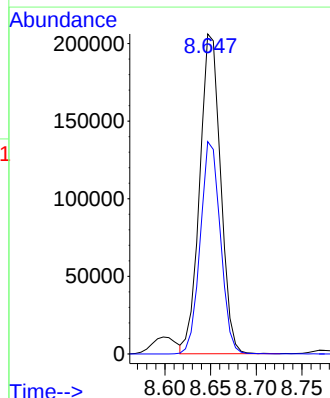
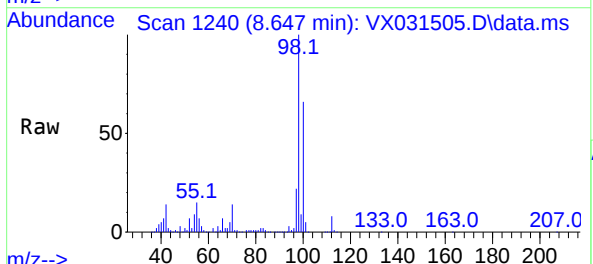
Acq: 20 Sep 2022 18:53

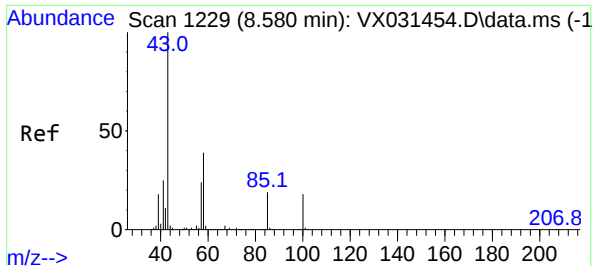
Tgt Ion: 98 Resp: 328220

Ion Ratio Lower Upper

98 100

100 64.1 52.5 78.7

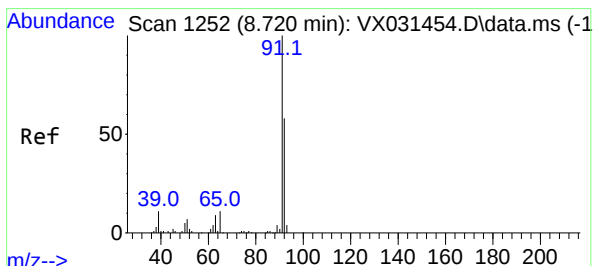
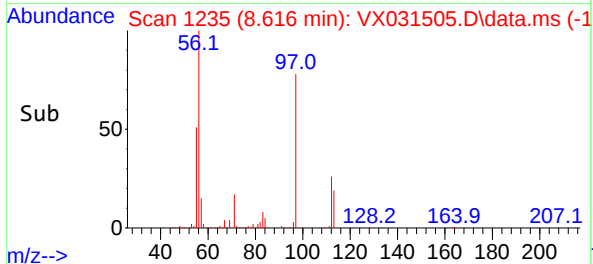
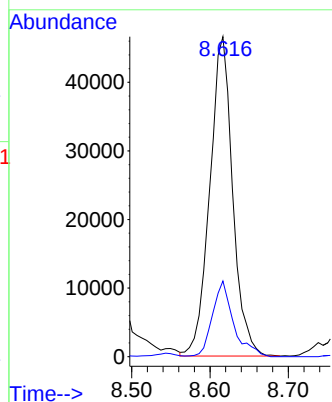
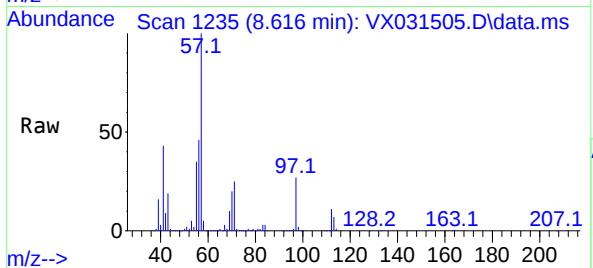




#51
4-Methyl-2-Pentanone
Concen: 44.965 ug/l
RT: 8.616 min Scan# 1235
Delta R.T. 0.036 min
Lab File: VX031505.D
Acq: 20 Sep 2022 18:53

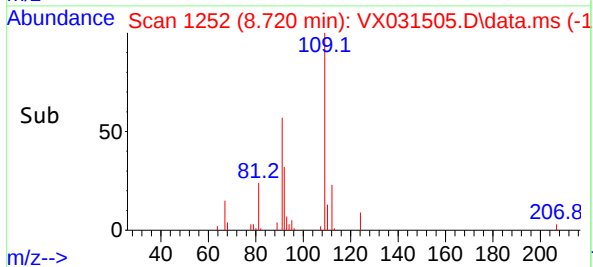
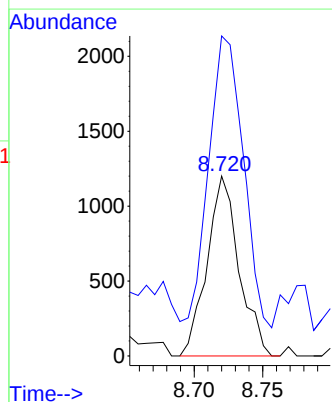
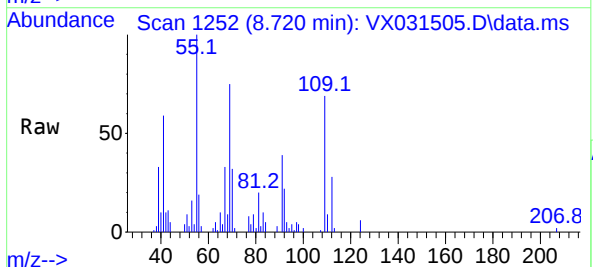
Instrument :
MSVOA_X
ClientSampleId :
D22021-6

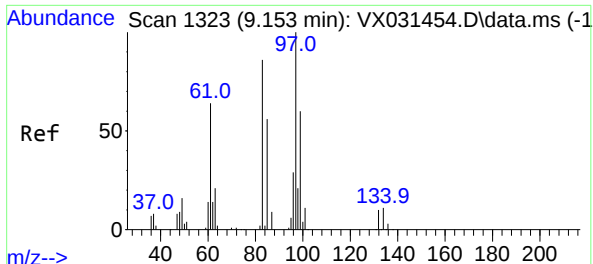
Tgt Ion: 43 Resp: 94626
Ion Ratio Lower Upper
43 100
58 21.8 30.6 46.0#



#52
Toluene
Concen: 0.561 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX031505.D
Acq: 20 Sep 2022 18:53

Tgt Ion: 92 Resp: 1947
Ion Ratio Lower Upper
92 100
91 174.7 137.1 205.7





#55

1,1,2-Trichloroethane

Concen: 131.785 ug/l

RT: 9.104 min Scan# 1315

Delta R.T. -0.049 min

Lab File: VX031505.D

Acq: 20 Sep 2022 18:53

Instrument :

MSVOA_X

ClientSampleId :

D22021-6

Tgt Ion: 97 Resp: 188534

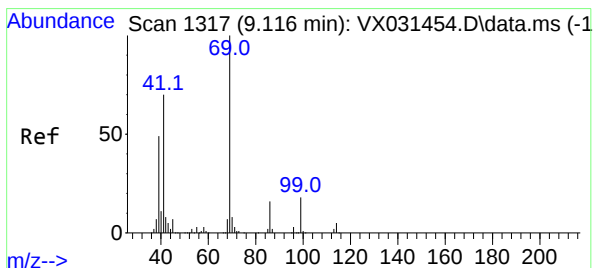
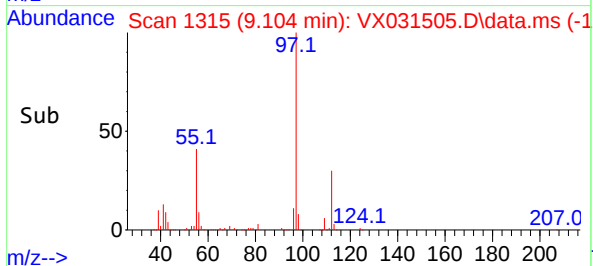
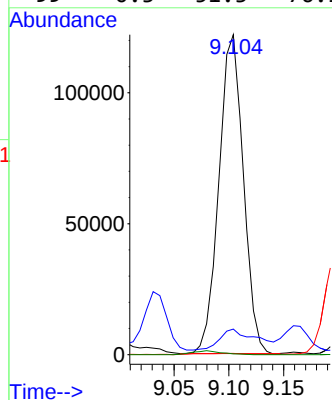
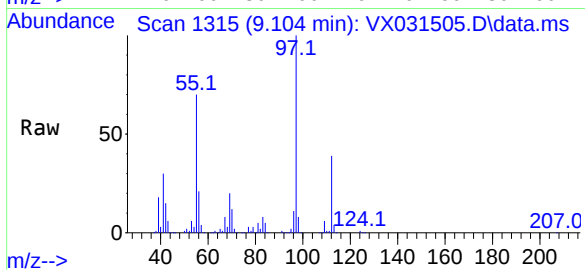
Ion Ratio Lower Upper

97 100

83 5.8 69.0 103.6#

85 0.3 44.1 66.1#

99 0.3 51.3 76.9#



#56

Ethyl methacrylate

Concen: 27.369 ug/l

RT: 9.104 min Scan# 1315

Delta R.T. -0.012 min

Lab File: VX031505.D

Acq: 20 Sep 2022 18:53

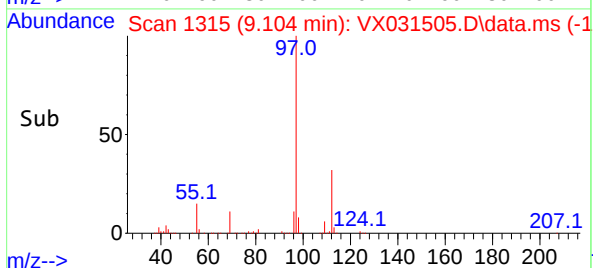
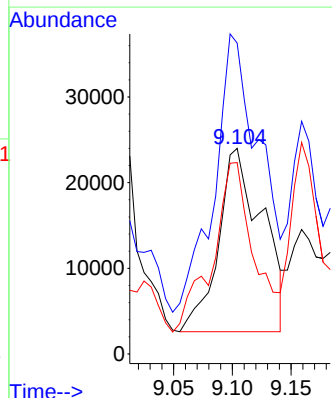
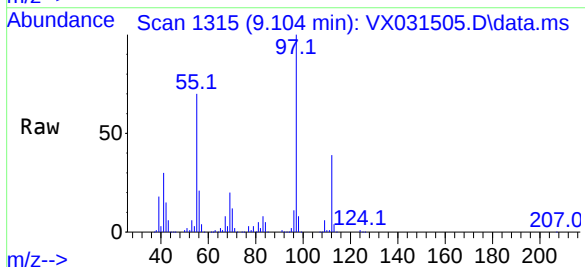
Tgt Ion: 69 Resp: 55688

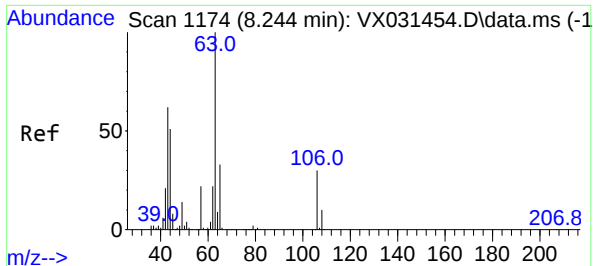
Ion Ratio Lower Upper

69 100

41 155.8 54.2 81.4#

39 87.0 34.2 51.2#

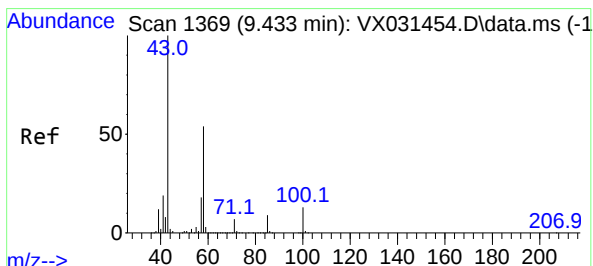
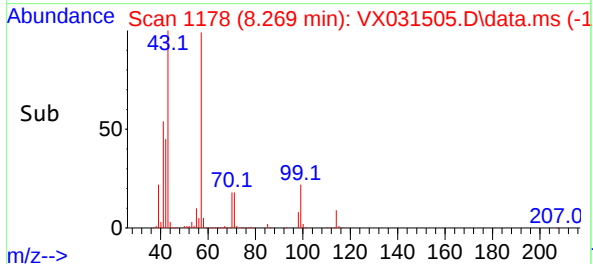
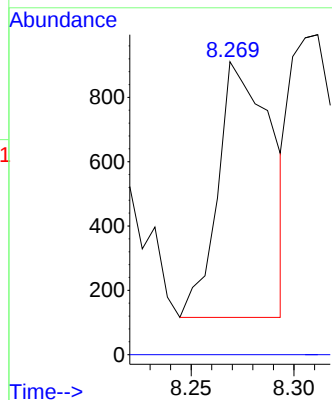
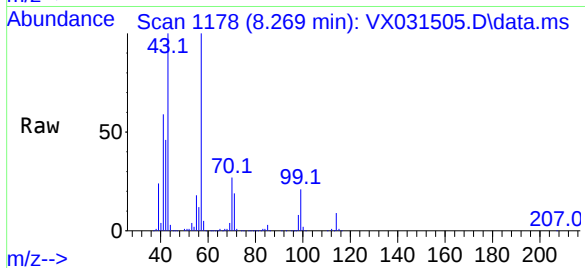




#58
2-Chloroethyl Vinyl ether
Concen: 1.878 ug/l
RT: 8.269 min Scan# 1178
Delta R.T. 0.025 min
Lab File: VX031505.D
Acq: 20 Sep 2022 18:53

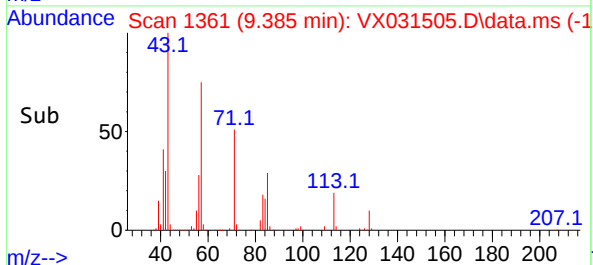
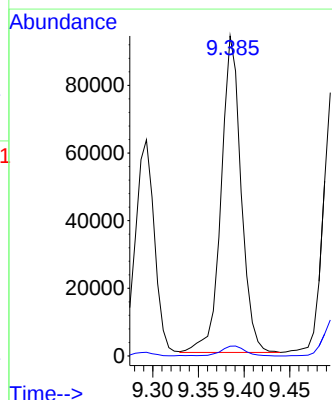
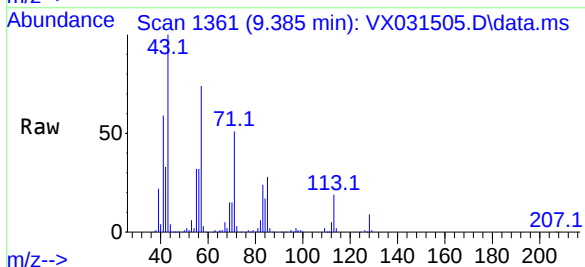
Instrument :
MSVOA_X
ClientSampleId :
D22021-6

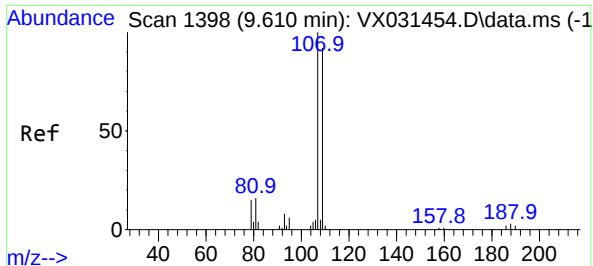
Tgt Ion: 63 Resp: 1440
Ion Ratio Lower Upper
63 100
106 0.0 22.6 34.0#



#59
2-Hexanone
Concen: 90.105 ug/l
RT: 9.385 min Scan# 1361
Delta R.T. -0.048 min
Lab File: VX031505.D
Acq: 20 Sep 2022 18:53

Tgt Ion: 43 Resp: 142410
Ion Ratio Lower Upper
43 100
58 3.8 26.7 80.0#





#61

1,2-Dibromoethane

Concen: 0.718 ug/l

RT: 9.604 min Scan# 11

Delta R.T. -0.006 min

Lab File: VX031505.D

Acq: 20 Sep 2022 18:53

Instrument :

MSVOA_X

ClientSampleId :

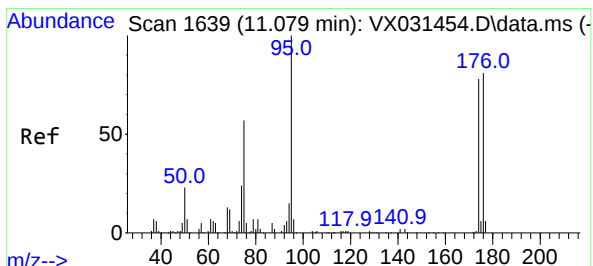
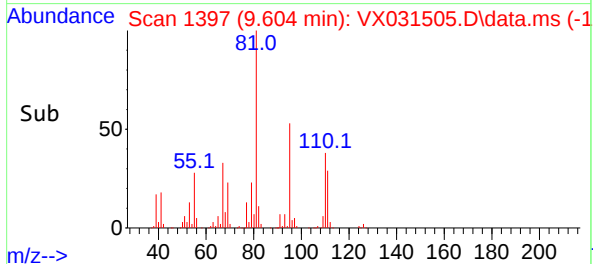
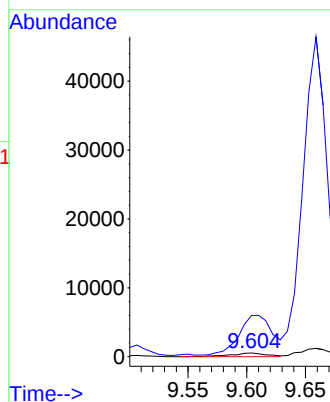
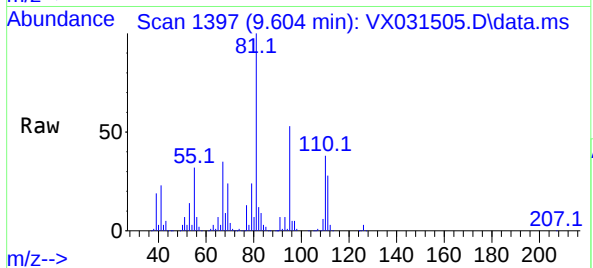
D22021-6

Tgt Ion:107 Resp: 1106

Ion Ratio Lower Upper

107 100

109 1019.3 74.2 111.4#



#62

4-Bromofluorobenzene

Concen: 119.020 ug/l

RT: 11.085 min Scan# 1640

Delta R.T. 0.006 min

Lab File: VX031505.D

Acq: 20 Sep 2022 18:53

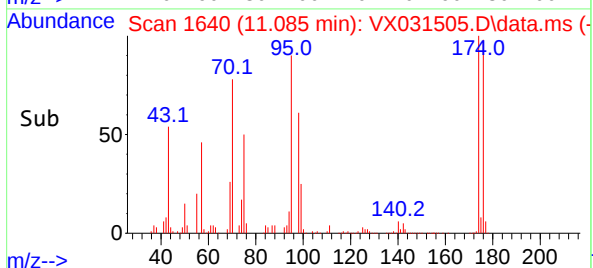
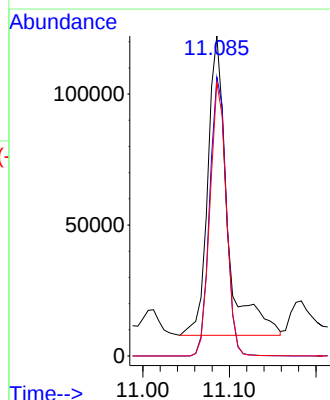
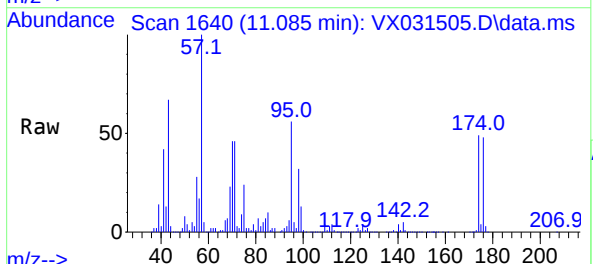
Tgt Ion: 95 Resp: 180315

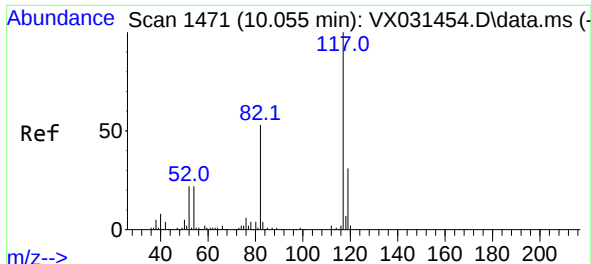
Ion Ratio Lower Upper

95 100

174 78.8 0.0 153.2

176 76.0 0.0 144.0

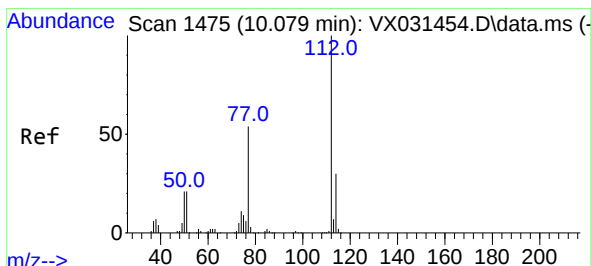
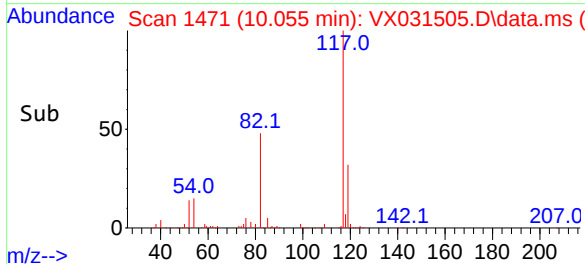
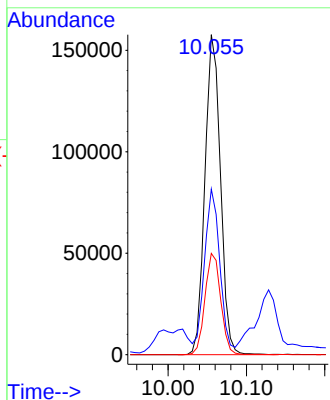
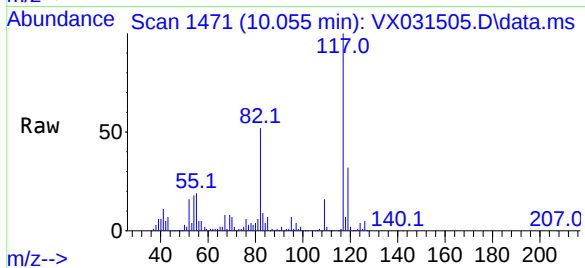




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX031505.D
Acq: 20 Sep 2022 18:53

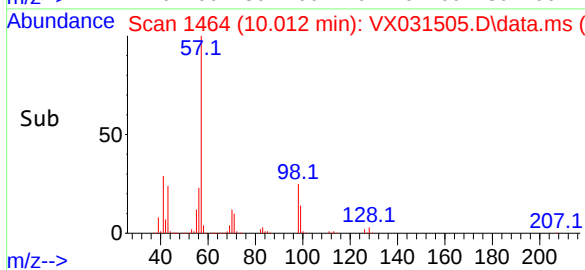
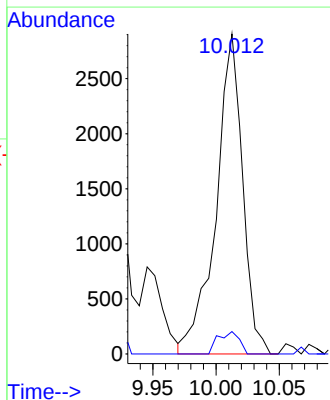
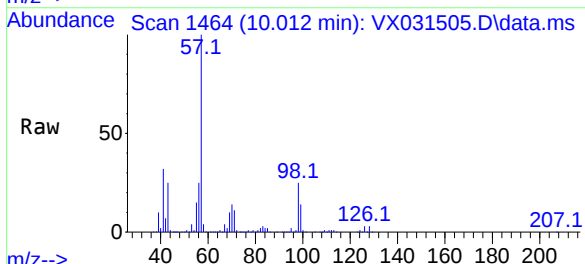
Instrument :
MSVOA_X
ClientSampleId :
D22021-6

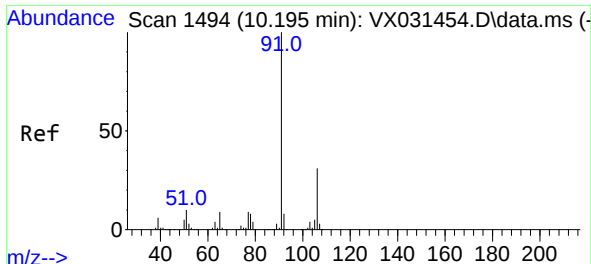
Tgt Ion:117 Resp: 216606
Ion Ratio Lower Upper
117 100
82 44.1 46.8 70.2#
119 31.7 26.4 39.6



#65
Chlorobenzene
Concen: 0.634 ug/l
RT: 10.012 min Scan# 1464
Delta R.T. -0.067 min
Lab File: VX031505.D
Acq: 20 Sep 2022 18:53

Tgt Ion:112 Resp: 4237
Ion Ratio Lower Upper
112 100
114 7.0 25.7 38.5#

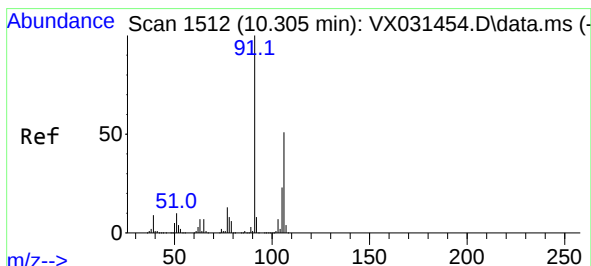
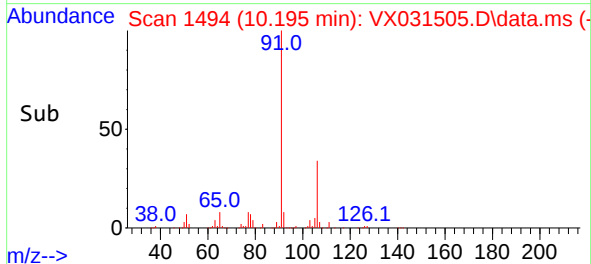
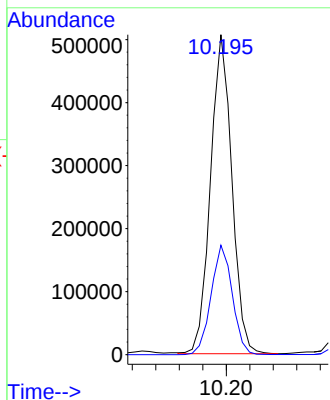
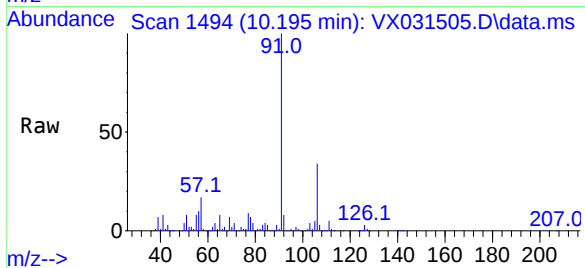




#67
Ethyl Benzene
Concen: 54.233 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX031505.D
Acq: 20 Sep 2022 18:53

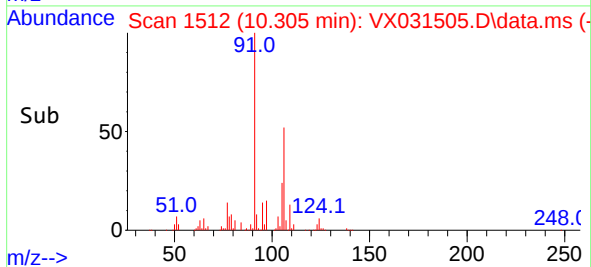
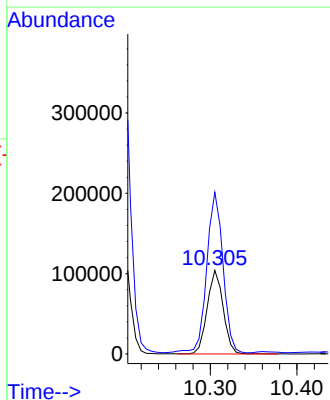
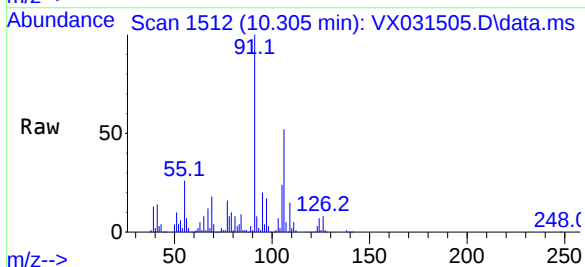
Instrument :
MSVOA_X
ClientSampleId :
D22021-6

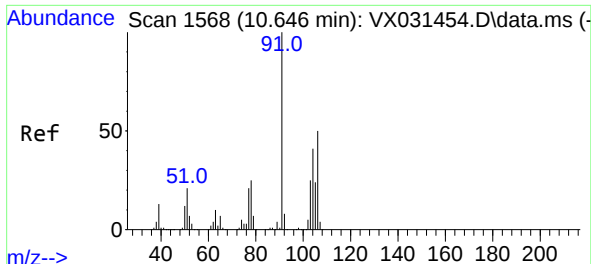
Tgt Ion: 91 Resp: 639613
Ion Ratio Lower Upper
91 100
106 34.3 25.2 37.8



#68
m/p-Xylenes
Concen: 28.017 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. 0.000 min
Lab File: VX031505.D
Acq: 20 Sep 2022 18:53

Tgt Ion:106 Resp: 132788
Ion Ratio Lower Upper
106 100
91 195.6 161.0 241.4

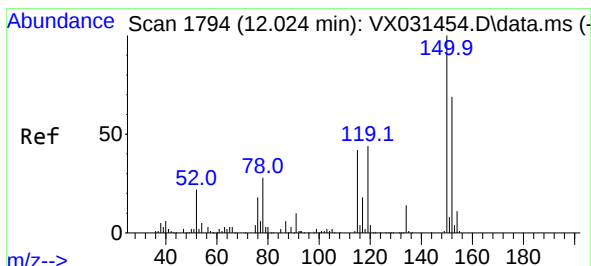
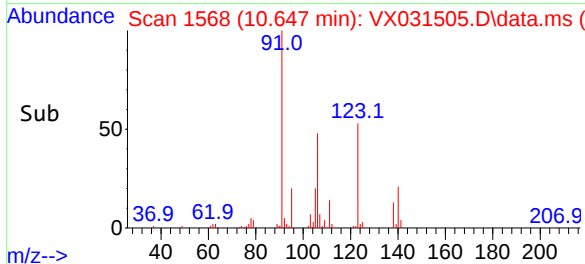
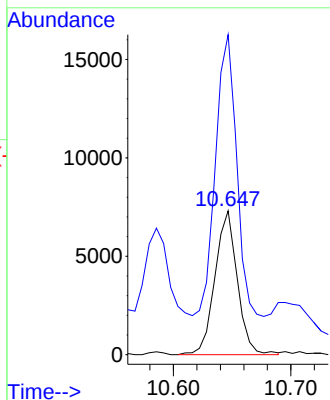
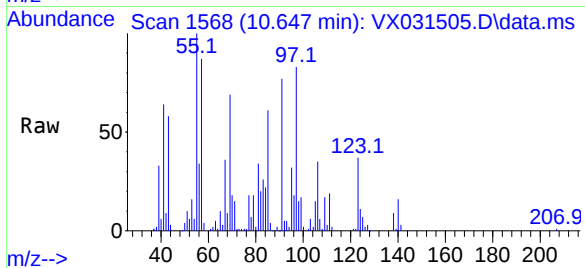




#69
o-Xylene
Concen: 2.137 ug/l
RT: 10.647 min Scan# 11
Delta R.T. 0.001 min
Lab File: VX031505.D
Acq: 20 Sep 2022 18:53

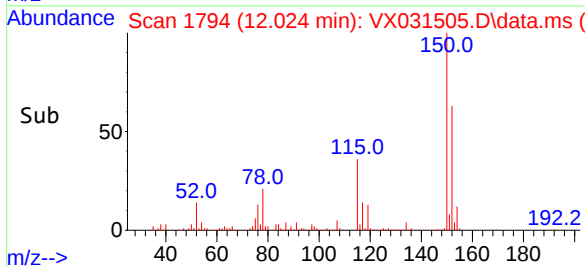
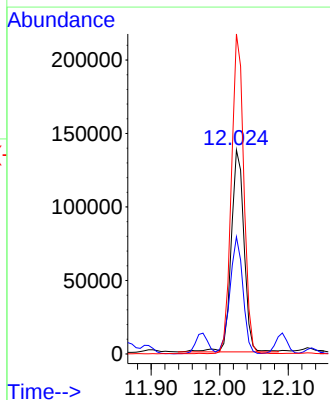
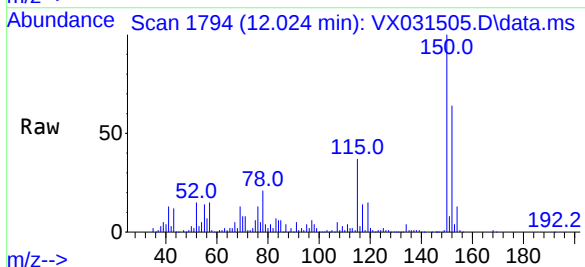
Instrument :
MSVOA_X
ClientSampleId :
D22021-6

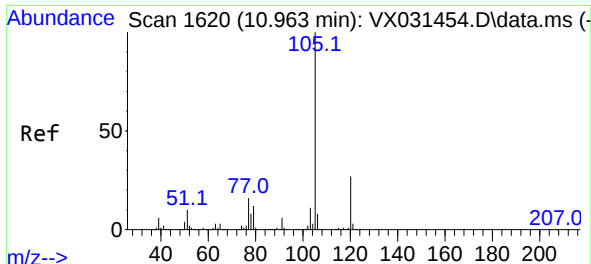
Tgt Ion:106 Resp: 9668
Ion Ratio Lower Upper
106 100
91 188.3 107.2 321.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX031505.D
Acq: 20 Sep 2022 18:53

Tgt Ion:152 Resp: 178908
Ion Ratio Lower Upper
152 100
115 58.1 43.4 130.1
150 152.7 0.0 346.8

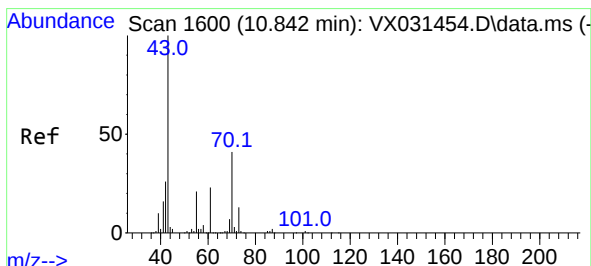
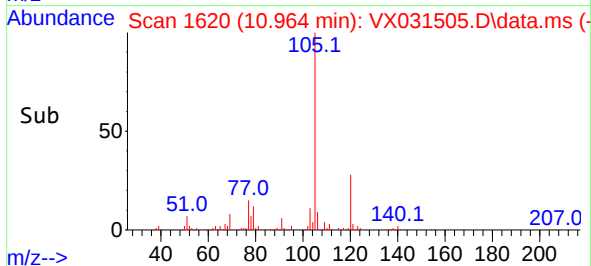
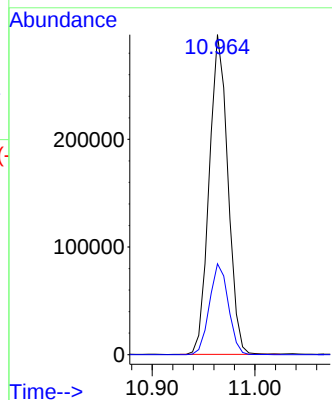
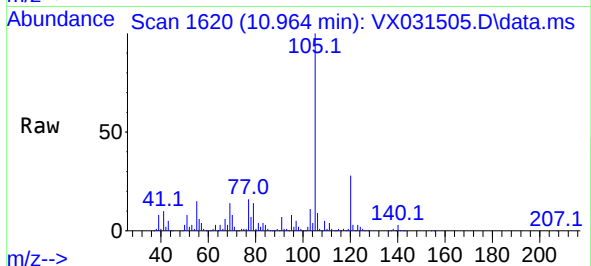




#73
Isopropylbenzene
Concen: 28.176 ug/l
RT: 10.964 min Scan# 1603
Delta R.T. 0.001 min
Lab File: VX031505.D
Acq: 20 Sep 2022 18:53

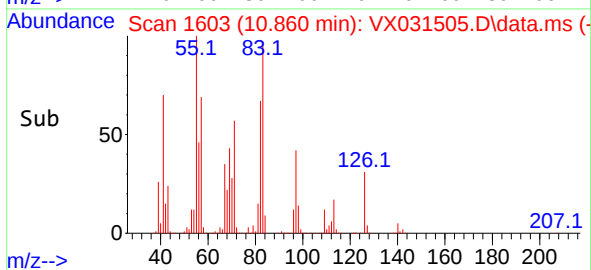
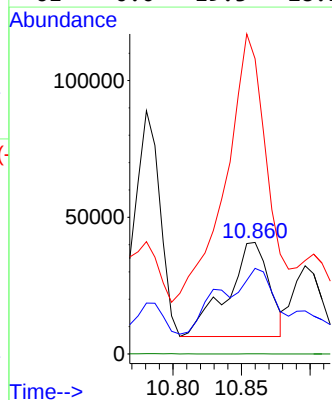
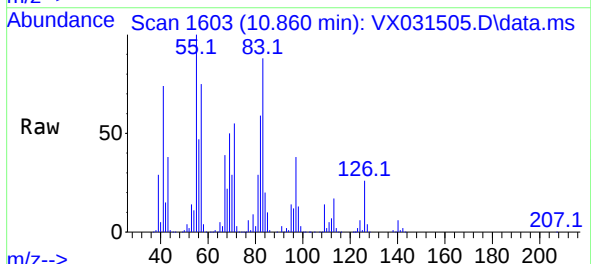
Instrument :
MSVOA_X
ClientSampleId :
D22021-6

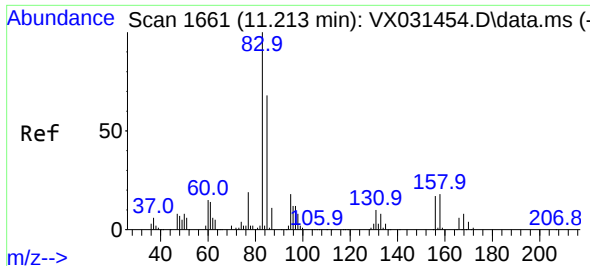
Tgt Ion:105 Resp: 376432
Ion Ratio Lower Upper
105 100
120 28.7 13.7 41.0



#74
N-ethyl acetate
Concen: 13.572 ug/l
RT: 10.860 min Scan# 1603
Delta R.T. 0.018 min
Lab File: VX031505.D
Acq: 20 Sep 2022 18:53

Tgt Ion: 43 Resp: 73492
Ion Ratio Lower Upper
43 100
70 34.3 33.4 50.2
55 273.5 18.2 27.2#
61 0.0 19.3 28.9#

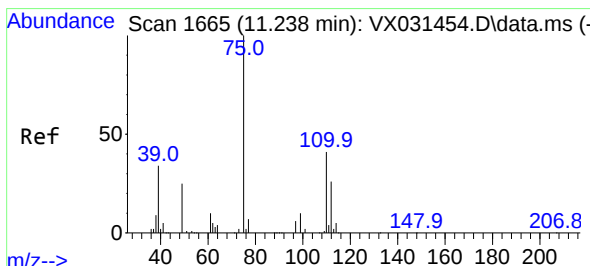
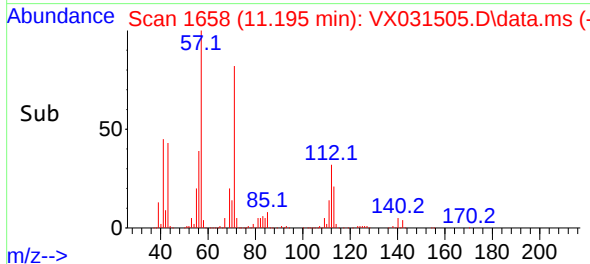
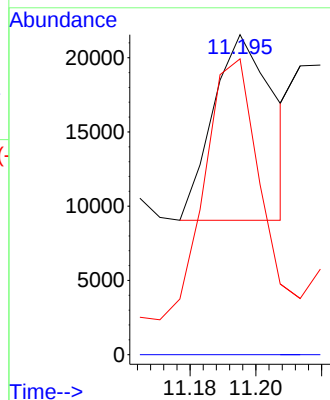
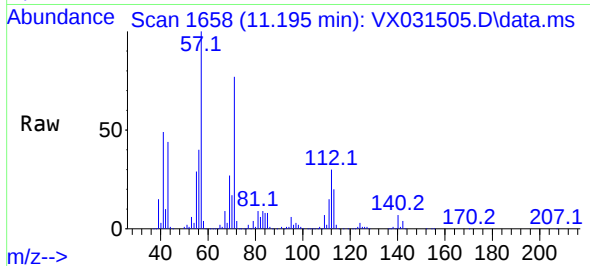




#75
1,1,2,2-Tetrachloroethane
Concen: 0.807 ug/l
RT: 11.195 min Scan# 1658
Delta R.T. -0.018 min
Lab File: VX031505.D
Acq: 20 Sep 2022 18:53

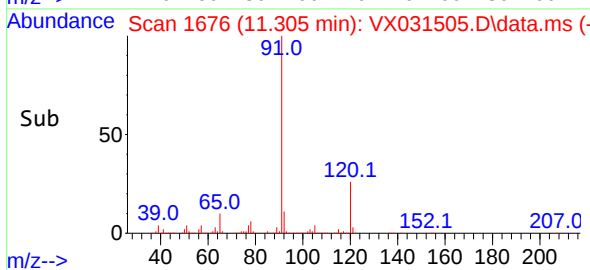
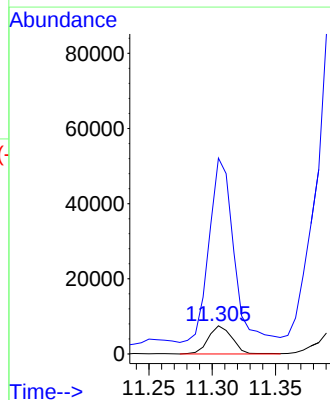
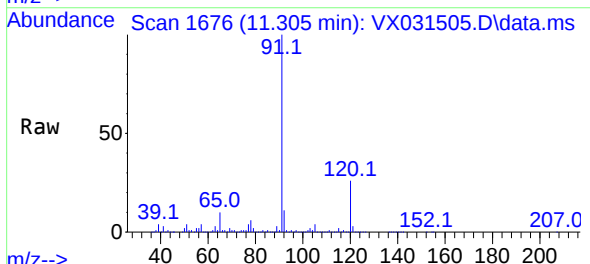
Instrument :
MSVOA_X
ClientSampleId :
D22021-6

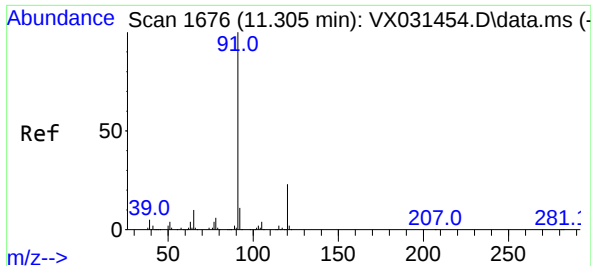
Tgt Ion: 83 Resp: 15922
Ion Ratio Lower Upper
83 100
131 0.0 5.1 15.4#
85 139.7 32.6 97.8#



#76
1,2,3-Trichloropropane
Concen: 2.460 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. 0.067 min
Lab File: VX031505.D
Acq: 20 Sep 2022 18:53

Tgt Ion: 75 Resp: 9822
Ion Ratio Lower Upper
75 100
77 683.4 20.3 60.9#

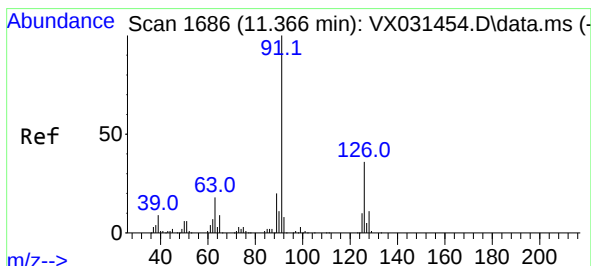
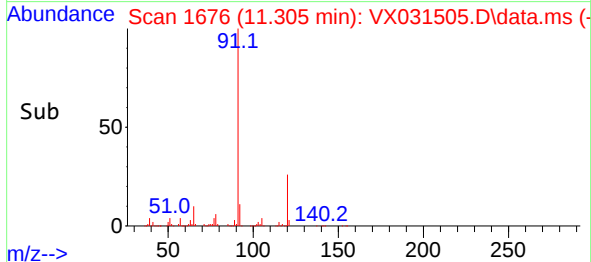
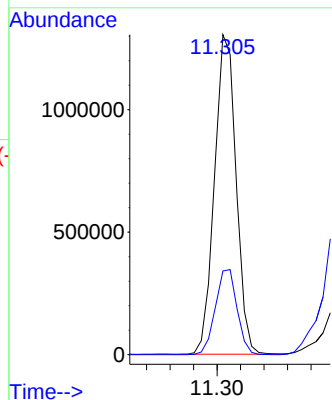
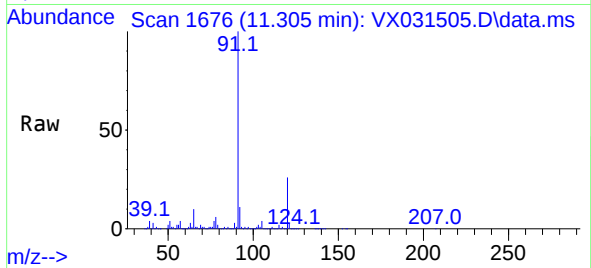




#78
n-propylbenzene
Concen: 108.334 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. -0.000 min
Lab File: VX031505.D
Acq: 20 Sep 2022 18:53

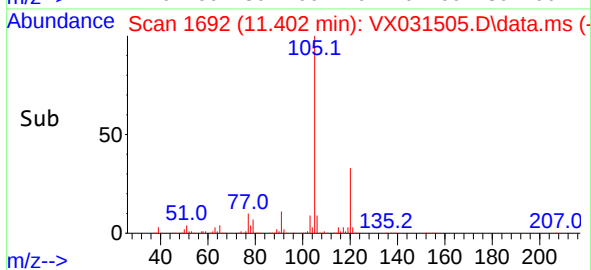
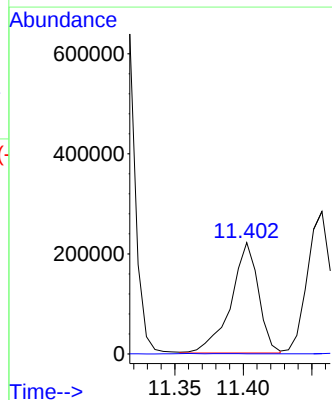
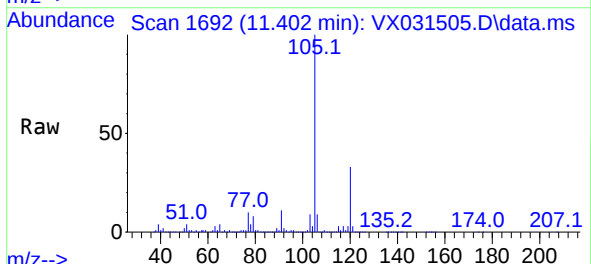
Instrument :
MSVOA_X
ClientSampleId :
D22021-6

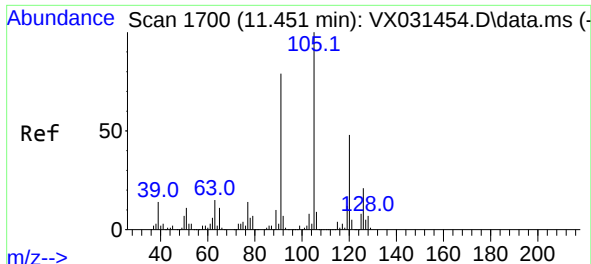
Tgt Ion: 91 Resp: 1665159
Ion Ratio Lower Upper
91 100
120 26.8 11.8 35.4



#79
2-Chlorotoluene
Concen: 33.707 ug/l
RT: 11.402 min Scan# 1692
Delta R.T. 0.036 min
Lab File: VX031505.D
Acq: 20 Sep 2022 18:53

Tgt Ion: 91 Resp: 308383
Ion Ratio Lower Upper
91 100
126 0.3 17.4 52.3#

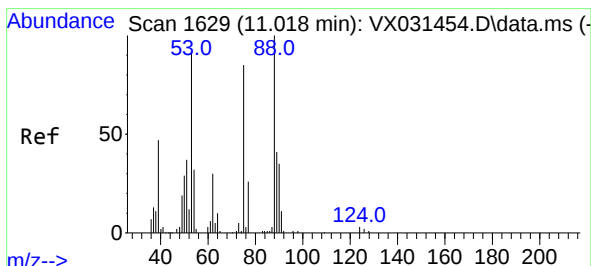
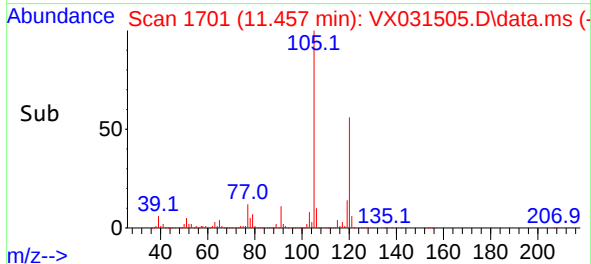
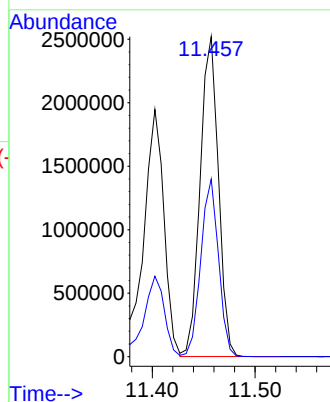
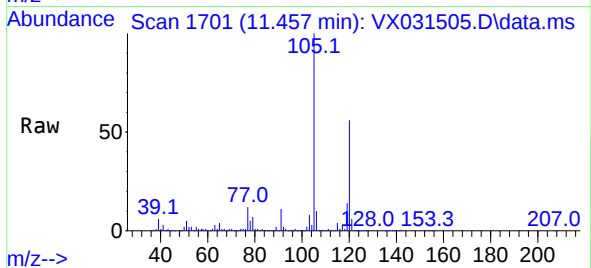




#80
1,3,5-Trimethylbenzene
Concen: 274.834 ug/l
RT: 11.457 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX031505.D
Acq: 20 Sep 2022 18:53

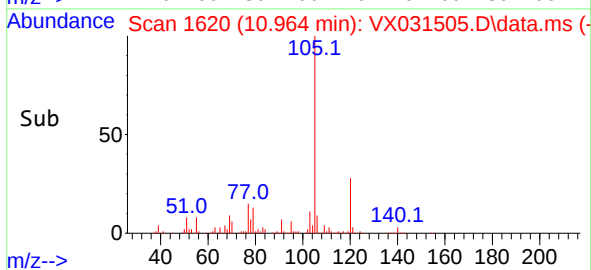
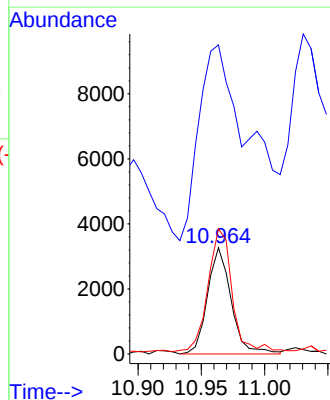
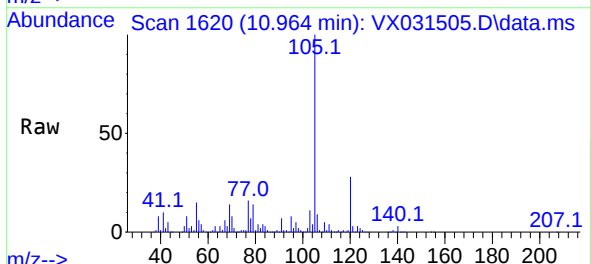
Instrument :
MSVOA_X
ClientSampleId :
D22021-6

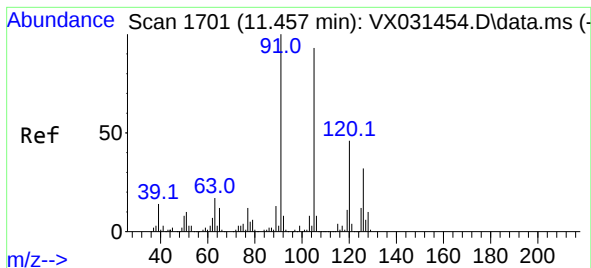
Tgt Ion:105 Resp: 3116098
Ion Ratio Lower Upper
105 100
120 53.9 24.5 73.5



#81
trans-1,4-Dichloro-2-butene
Concen: 3.434 ug/l
RT: 10.964 min Scan# 1620
Delta R.T. -0.054 min
Lab File: VX031505.D
Acq: 20 Sep 2022 18:53

Tgt Ion: 75 Resp: 4259
Ion Ratio Lower Upper
75 100
53 393.0 77.6 116.4#
89 116.9 37.4 56.0#

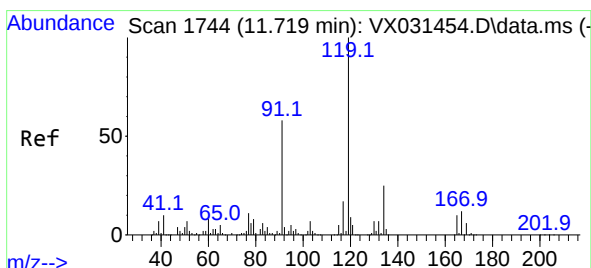
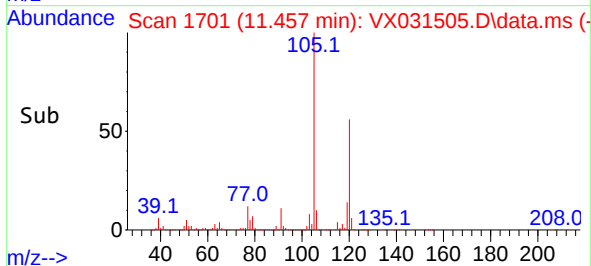
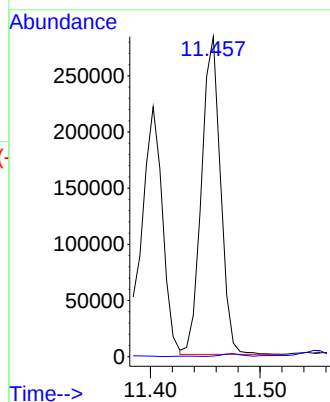
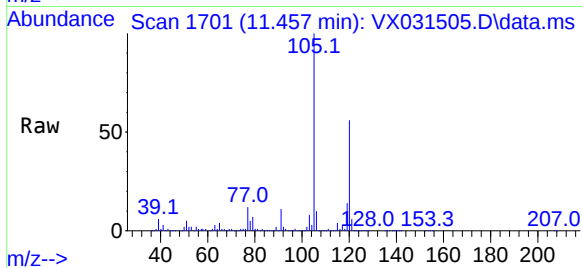




#82
4-Chlorotoluene
Concen: 31.696 ug/l
RT: 11.457 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX031505.D
Acq: 20 Sep 2022 18:53

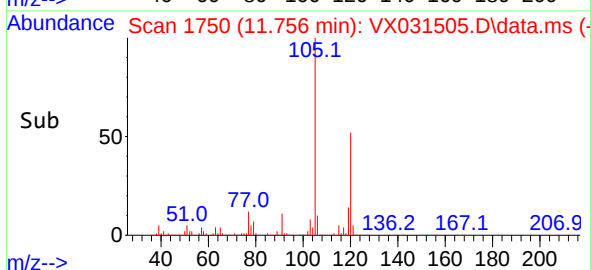
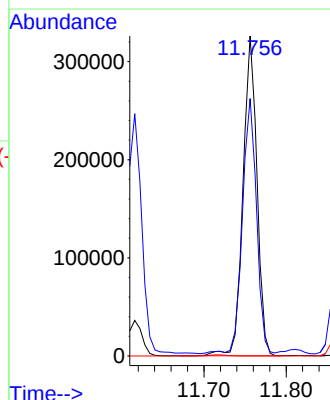
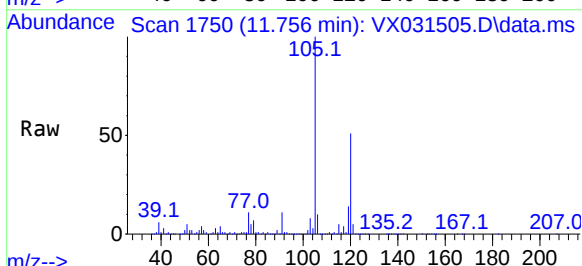
Instrument :
MSVOA_X
ClientSampleId :
D22021-6

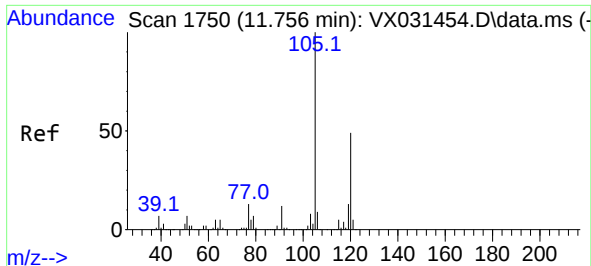
Tgt Ion: 91 Resp: 340318
Ion Ratio Lower Upper
91 100
126 0.8 15.1 45.3#



#83
tert-Butylbenzene
Concen: 34.972 ug/l
RT: 11.756 min Scan# 1750
Delta R.T. 0.037 min
Lab File: VX031505.D
Acq: 20 Sep 2022 18:53

Tgt Ion: 119 Resp: 384315
Ion Ratio Lower Upper
119 100
91 80.5 29.2 87.6
134 0.0 11.6 34.8#

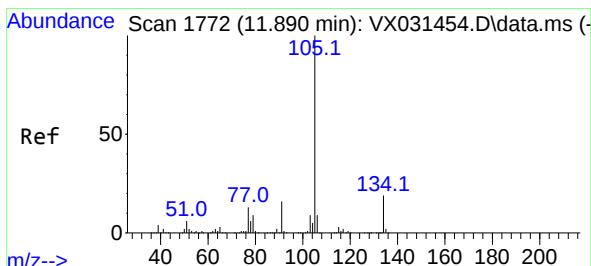
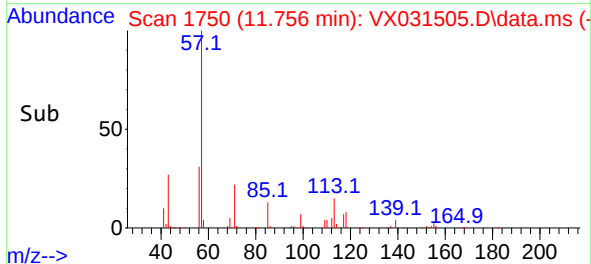
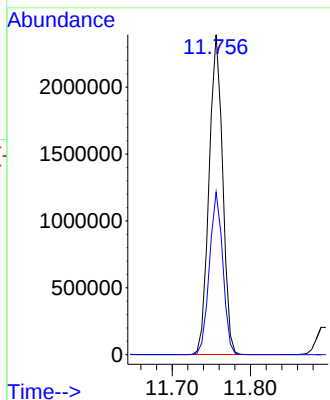
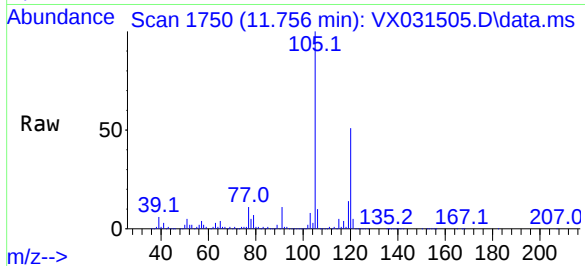




#84
1,2,4-Trimethylbenzene
Concen: 256.906 ug/l
RT: 11.756 min Scan# 1750
Delta R.T. 0.000 min
Lab File: VX031505.D
Acq: 20 Sep 2022 18:53

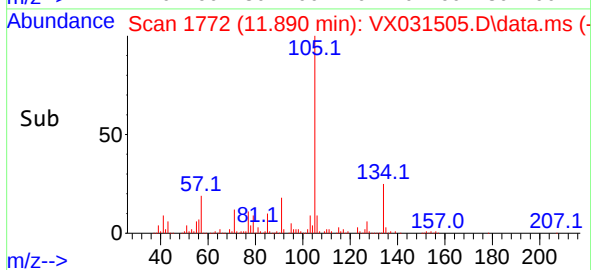
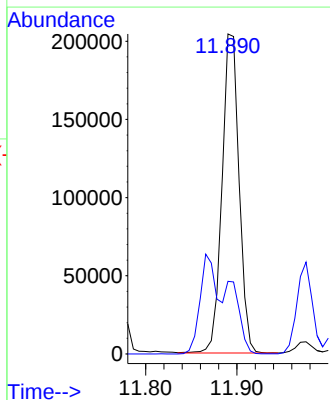
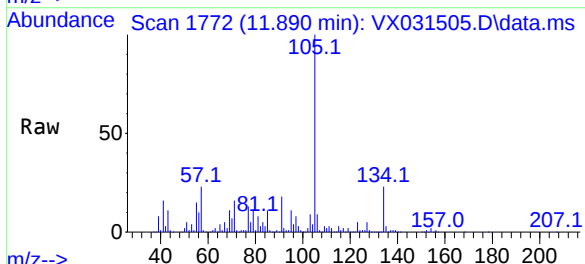
Instrument :
MSVOA_X
ClientSampleId :
D22021-6

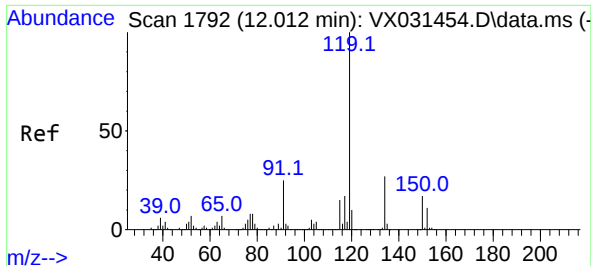
Tgt Ion:105 Resp: 2868663
Ion Ratio Lower Upper
105 100
120 50.0 22.6 67.8



#85
sec-Butylbenzene
Concen: 19.060 ug/l
RT: 11.890 min Scan# 1772
Delta R.T. 0.000 min
Lab File: VX031505.D
Acq: 20 Sep 2022 18:53

Tgt Ion:105 Resp: 265076
Ion Ratio Lower Upper
105 100
134 18.3 10.4 31.1

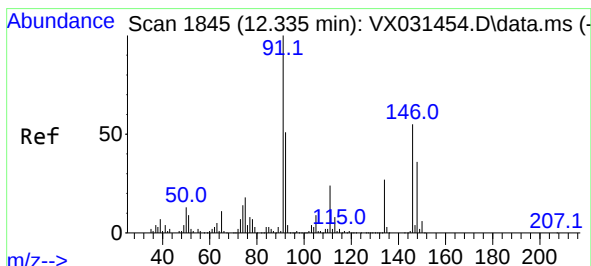
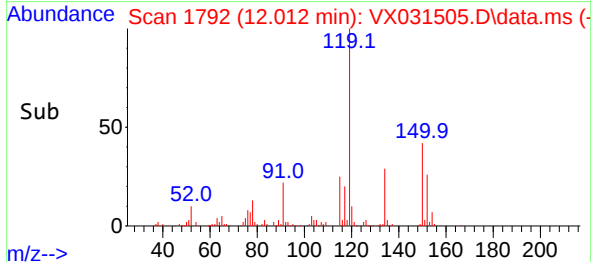
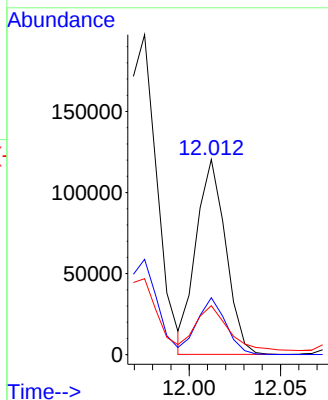
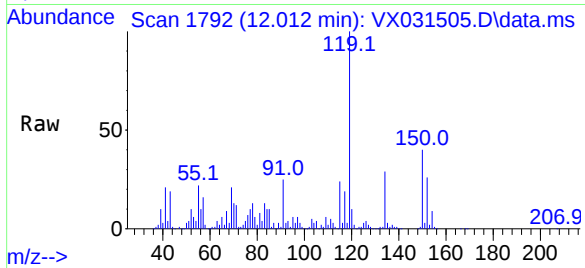




#86
p-Isopropyltoluene
Concen: 11.539 ug/l
RT: 12.012 min Scan# 119
Delta R.T. 0.000 min
Lab File: VX031505.D
Acq: 20 Sep 2022 18:53

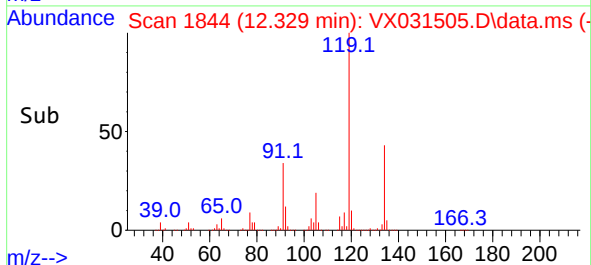
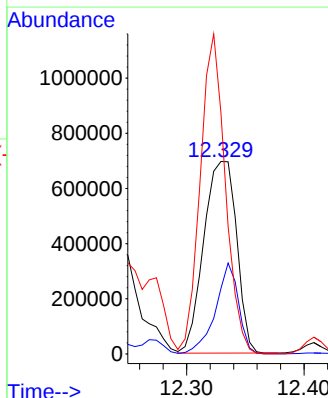
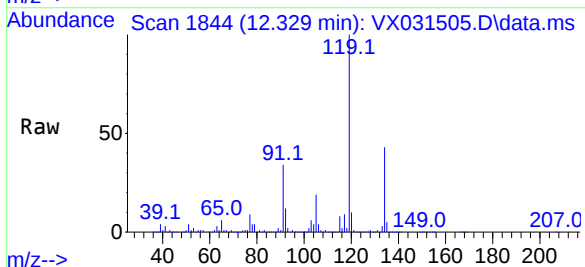
Instrument :
MSVOA_X
ClientSampleId :
D22021-6

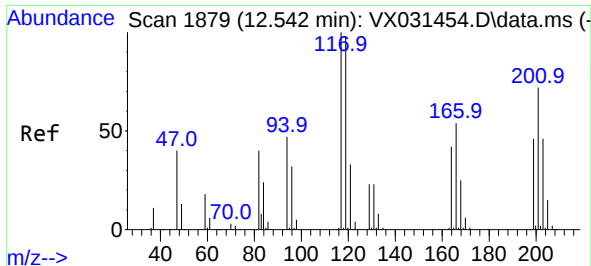
Tgt Ion:119 Resp: 135507
Ion Ratio Lower Upper
119 100
134 28.5 13.4 40.2
91 25.1 12.4 37.2



#89
n-Butylbenzene
Concen: 134.954 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. -0.006 min
Lab File: VX031505.D
Acq: 20 Sep 2022 18:53

Tgt Ion: 91 Resp: 1349995
Ion Ratio Lower Upper
91 100
92 33.2 27.0 81.0
134 127.3 13.3 39.9#

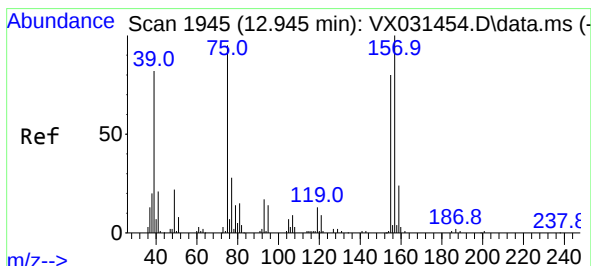
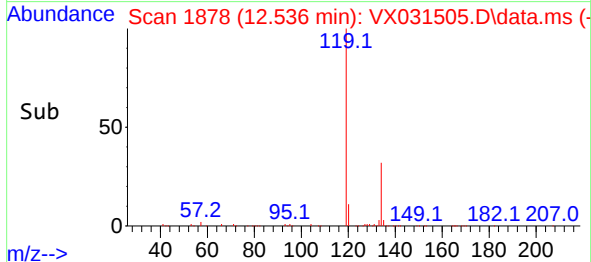
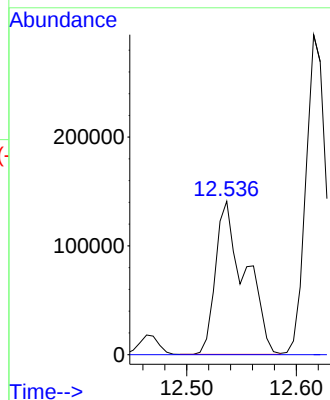
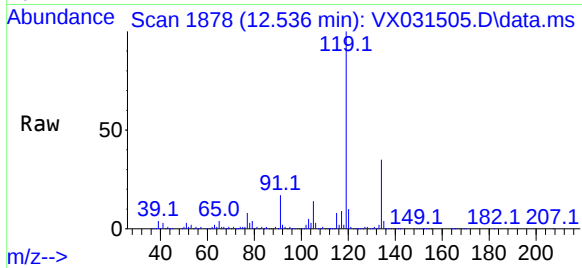




#90
 Hexachloroethane
 Concen: 131.406 ug/l
 RT: 12.536 min Scan# 117
 Delta R.T. -0.006 min
 Lab File: VX031505.D
 Acq: 20 Sep 2022 18:53

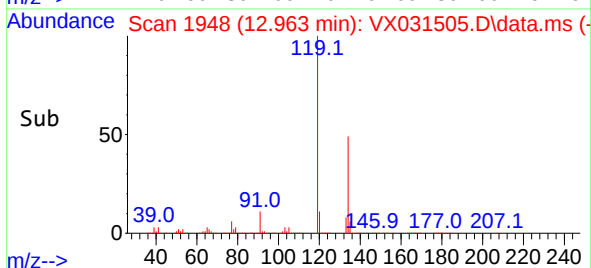
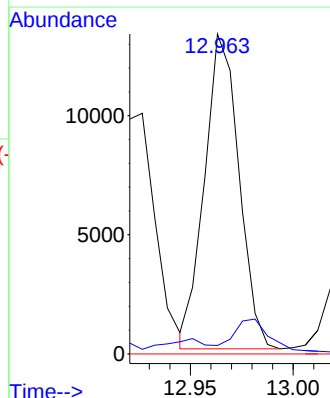
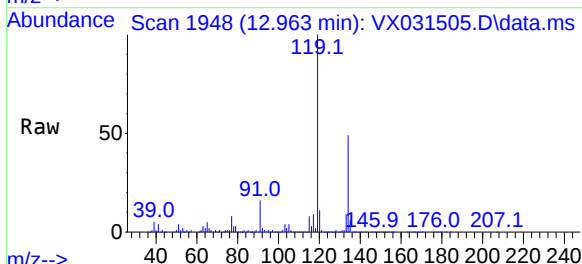
Instrument :
 MSVOA_X
 ClientSampleId :
 D22021-6

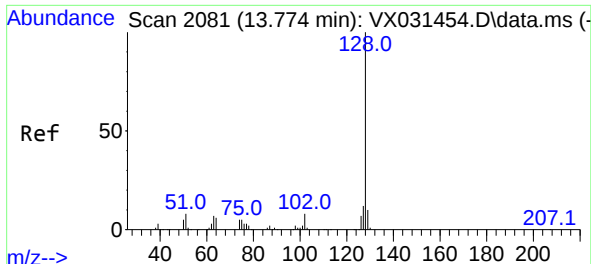
Tgt Ion:117 Resp: 265163
 Ion Ratio Lower Upper
 117 100
 201 0.0 34.8 104.4#



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 16.778 ug/l
 RT: 12.963 min Scan# 1948
 Delta R.T. 0.018 min
 Lab File: VX031505.D
 Acq: 20 Sep 2022 18:53

Tgt Ion: 75 Resp: 15403
 Ion Ratio Lower Upper
 75 100
 155 3.9 40.3 120.8#
 157 0.0 51.5 154.5#

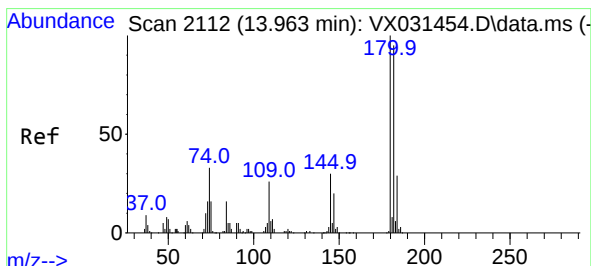
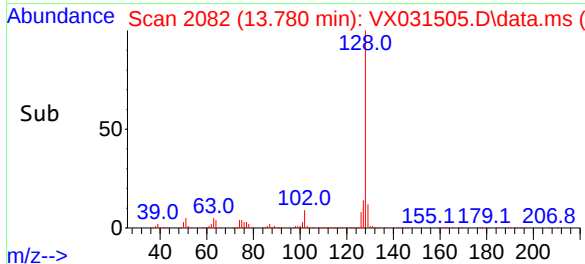
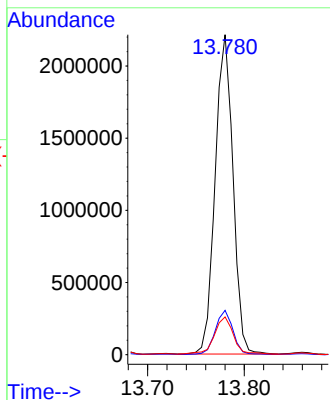
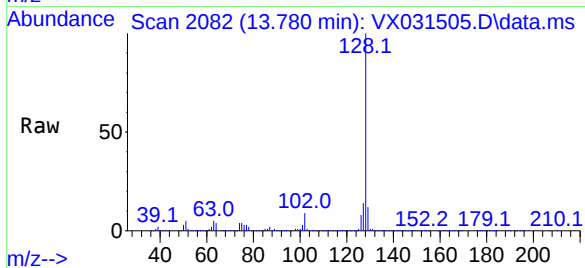




#95
Naphthalene
Concen: 220.229 ug/l
RT: 13.780 min Scan# 2081
Delta R.T. 0.006 min
Lab File: VX031505.D
Acq: 20 Sep 2022 18:53

Instrument :
MSVOA_X
ClientSampleId :
D22021-6

Tgt Ion:128 Resp: 2824569
Ion Ratio Lower Upper
128 100
127 13.6 10.4 15.6
129 12.5 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 0.226 ug/l
RT: 13.975 min Scan# 2114
Delta R.T. 0.012 min
Lab File: VX031505.D
Acq: 20 Sep 2022 18:53

Tgt Ion:180 Resp: 815
Ion Ratio Lower Upper
180 100
182 0.0 47.9 143.8#
145 18520.9 17.6 52.8#

