

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD072623\
 Data File : VD076819.D
 Acq On : 26 Jul 2023 21:32
 Operator : KP/SY
 Sample : 03775-03
 Misc : 5.23G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Jul 27 04:27:54 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D071423S.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 17 08:07:52 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.881	168	162767	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	403228	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	366432	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	161998	50.000	ug/l	# 0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.252	65	100917	62.248	ug/l	0.02
Spiked Amount	50.000	Range	50 - 163	Recovery	= 124.500%	
35) Dibromofluoromethane	7.805	113	112543	44.415	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 88.820%	
50) Toluene-d8	10.275	98	480192	52.973	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 105.940%	
62) 4-Bromofluorobenzene	12.575	95	139641	47.619	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 95.240%	

Target Compounds						Qvalue
3) Chloromethane	2.246	50	70750	32.223	ug/l #	77
13) Acrolein	3.740	56	3597	43.631	ug/l #	1
15) Acrylonitrile	5.246	53	656	1.490	ug/l #	42
16) Acetone	4.023	43	27526	71.094	ug/l	87
17) Carbon Disulfide	4.264	76	19939	5.308	ug/l #	95
18) Methyl Acetate	4.634	43	3371	2.317	ug/l #	42
20) Methylene Chloride	4.793	84	18169	Below Cal	#	84
25) 2-Butanone	7.081	43	15654	30.209	ug/l #	77
29) Tetrahydrofuran	7.446	42	844	2.757	ug/l #	34
31) Cyclohexane	7.881	56	28676	12.019	ug/l #	86
36) 1,1-Dichloropropene	8.240	75	1700116	513.455	ug/l #	1
37) Ethyl Acetate	7.081	43	15654	10.572	ug/l #	62
38) Carbon Tetrachloride	7.875	117	17026	5.370	ug/l #	19
39) Methylcyclohexane	9.269	83	41612	10.884	ug/l	92
42) 1,2-Dichloroethane	8.246	62	816000	300.602	ug/l #	68
48) Methyl methacrylate	9.334	41	4168	3.169	ug/l #	1
51) 4-Methyl-2-Pentanone	10.346	43	445562	289.578	ug/l #	28
53) t-1,3-Dichloropropene	10.369	75	407442	110.812	ug/l #	1
55) 1,1,2-Trichloroethane	10.593	97	1412302	612.678	ug/l #	20
56) Ethyl methacrylate	10.593	69	83893	31.532	ug/l #	36
59) 2-Hexanone	10.887	43	6428	5.855	ug/l #	20
65) Chlorobenzene	11.763	112	26103	3.542	ug/l #	51
67) Ethyl Benzene	11.681	91	12972544	1002.306	ug/l	91
68) m/p-Xylenes	11.681	106	4601890	925.795	ug/l #	32
69) o-Xylene	12.122	106	13014018	2707.416	ug/l	65
73) Isopropylbenzene	12.422	105	191851	16.323	ug/l	96
74) N-amyl acetate	12.210	43	7638	3.085	ug/l #	63
76) 1,2,3-Trichloropropane	12.699	75	8304	5.390	ug/l #	100
78) n-propylbenzene	12.763	91	420396	29.504	ug/l	99
79) 2-Chlorotoluene	13.075	91	270632	34.640	ug/l	84
80) 1,3,5-Trimethylbenzene	12.904	105	2022796	212.845	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.575	75	72573	100.257	ug/l #	18
82) 4-Chlorotoluene	13.075	91	270632	33.159	ug/l	84
83) tert-Butylbenzene	13.210	119	976640	116.714	ug/l #	53
84) 1,2,4-Trimethylbenzene	13.210	105	7253592	746.891	ug/l	99
85) sec-Butylbenzene	13.210	105	7253592	567.368	ug/l #	54

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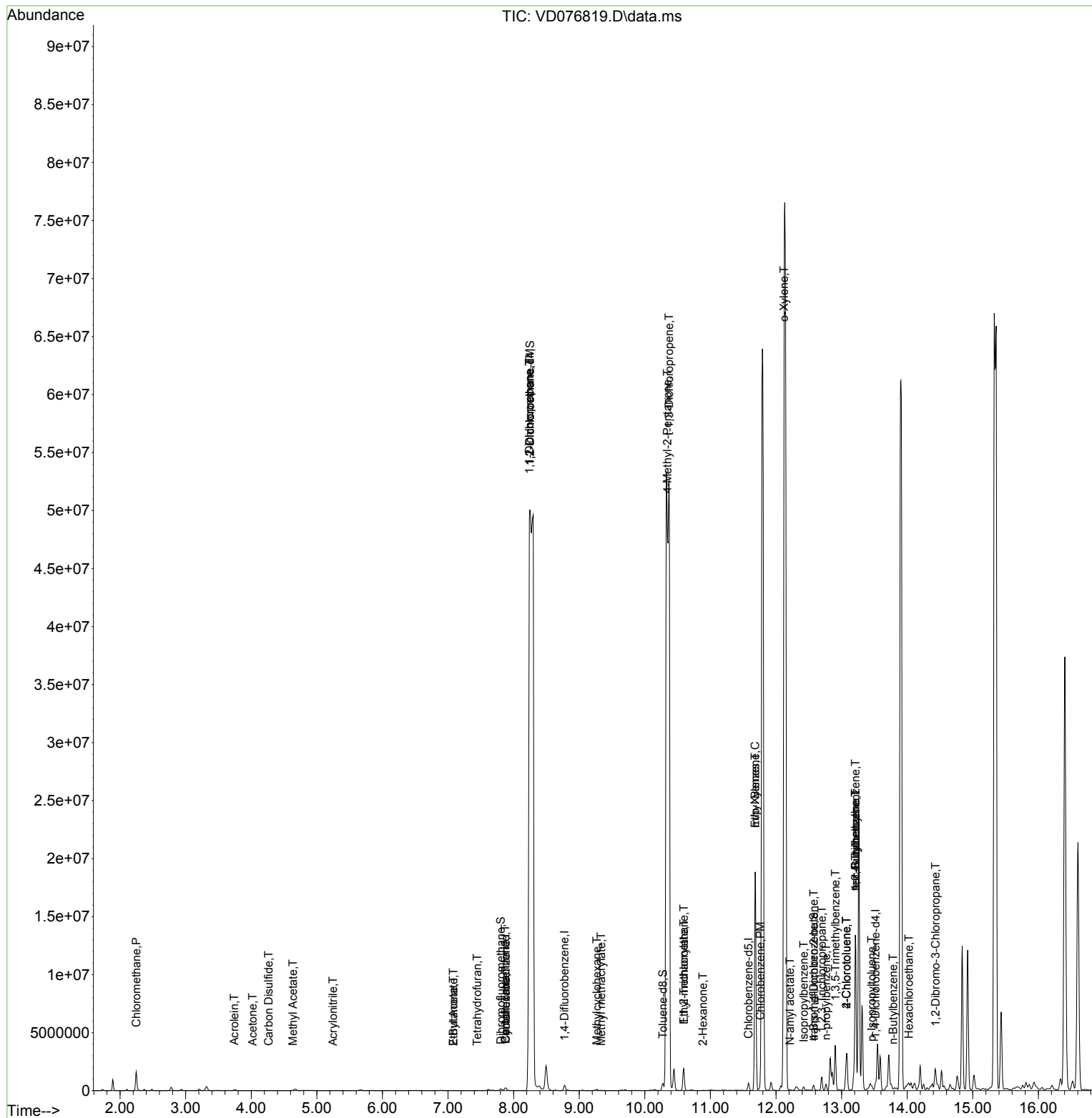
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
86) p-Isopropyltoluene	13.457	119	48176	4.563	ug/l #	74
89) n-Butylbenzene	13.787	91	44878	4.344	ug/l #	77
90) Hexachloroethane	14.028	117	295827	151.551	ug/l #	11
92) 1,2-Dibromo-3-Chloropr...	14.434	75	25103	69.768	ug/l #	1

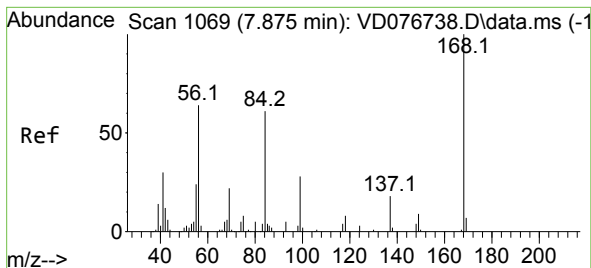
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.881 min Scan# 110

Delta R.T. 0.006 min

Lab File: VD076819.D

Acq: 26 Jul 2023 21:32

Instrument :

MSVOA_D

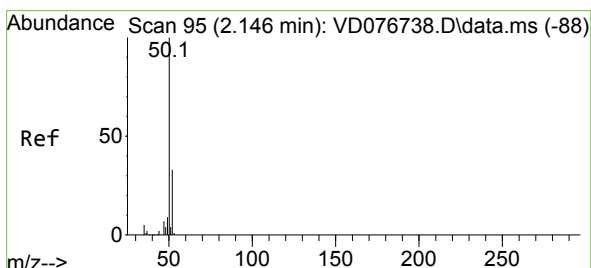
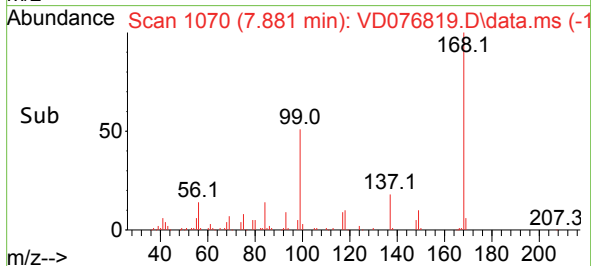
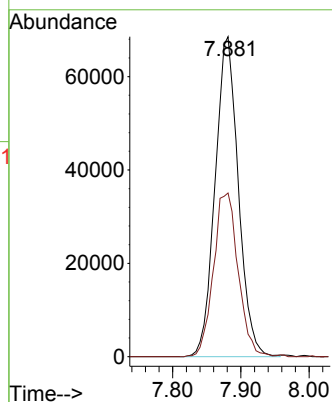
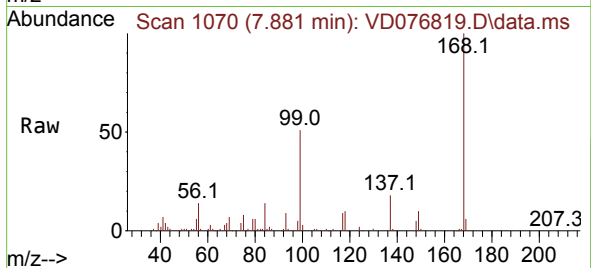
ClientSampleId :

Tgt Ion:168 Resp: 162767

Ion Ratio Lower Upper

168 100

99 51.1 36.7 55.1



#3

Chloromethane

Concen: 32.223 ug/l

RT: 2.246 min Scan# 112

Delta R.T. 0.100 min

Lab File: VD076819.D

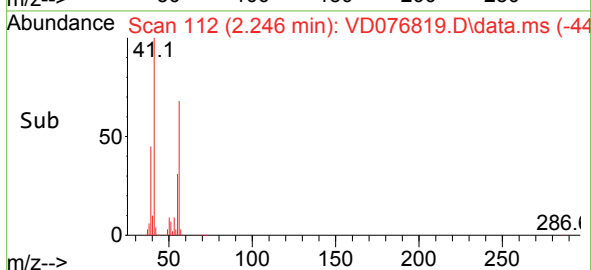
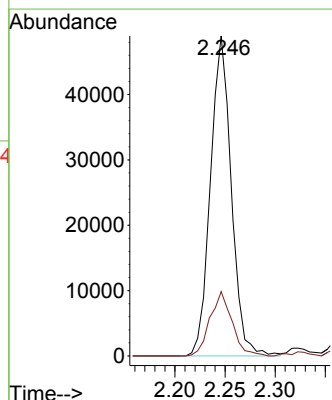
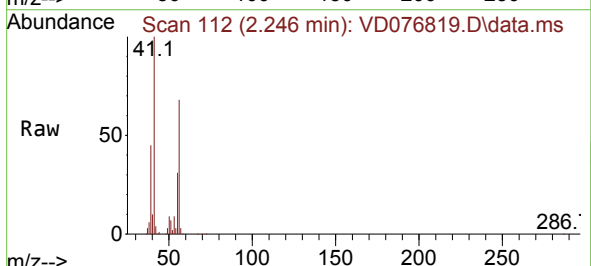
Acq: 26 Jul 2023 21:32

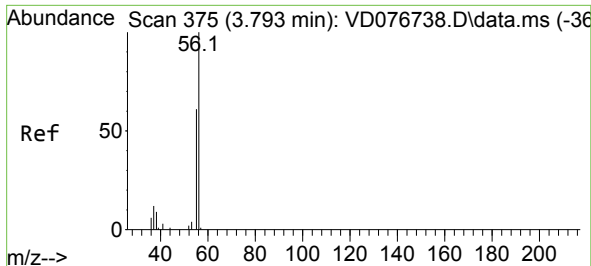
Tgt Ion: 50 Resp: 70750

Ion Ratio Lower Upper

50 100

52 20.1 26.6 40.0#

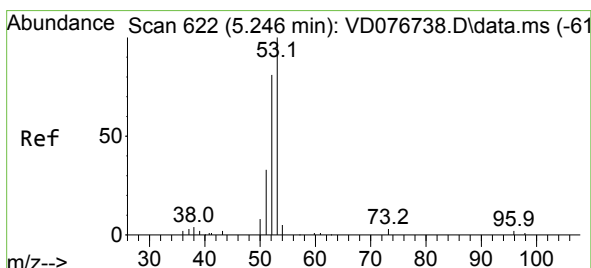
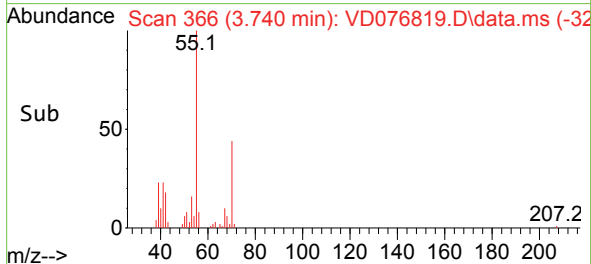
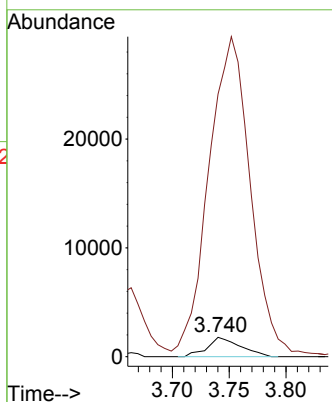
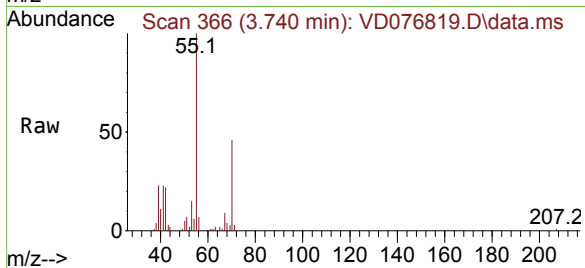




#13
Acrolein
Concen: 43.631 ug/l
RT: 3.740 min Scan# 30
Delta R.T. -0.053 min
Lab File: VD076819.D
Acq: 26 Jul 2023 21:32

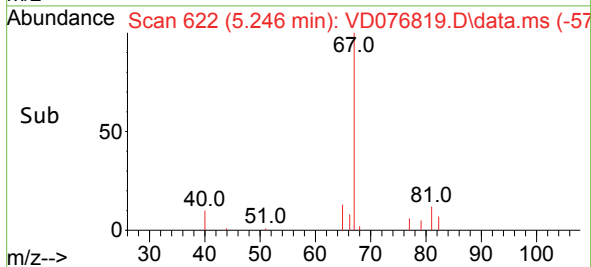
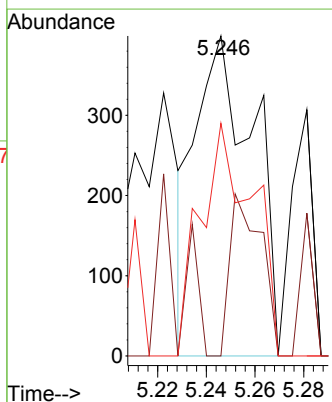
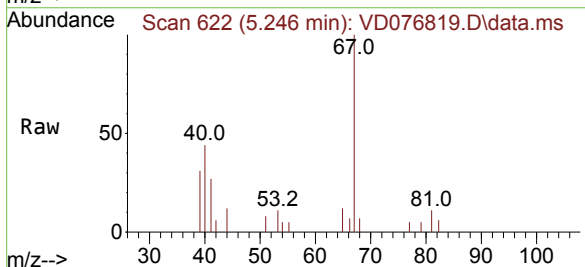
Instrument :
MSVOA_D
ClientSampleId :

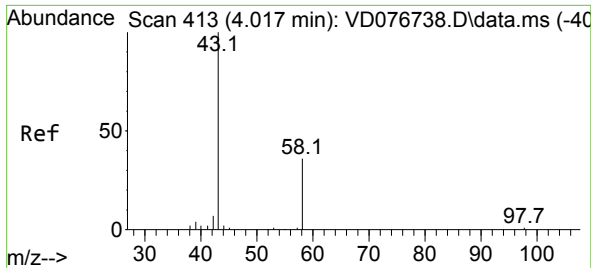
Tgt Ion: 56 Resp: 3597
Ion Ratio Lower Upper
56 100
55 2061.0 55.1 82.7#



#15
Acrylonitrile
Concen: 1.490 ug/l
RT: 5.246 min Scan# 622
Delta R.T. -0.000 min
Lab File: VD076819.D
Acq: 26 Jul 2023 21:32

Tgt Ion: 53 Resp: 656
Ion Ratio Lower Upper
53 100
52 27.6 65.0 97.4#
51 66.3 28.3 42.5#

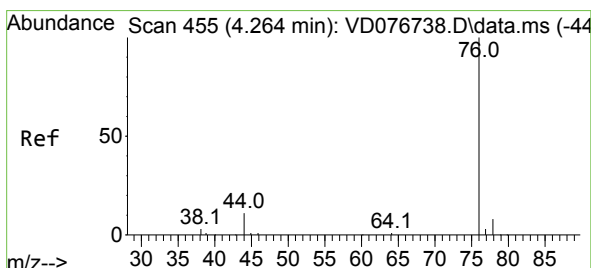
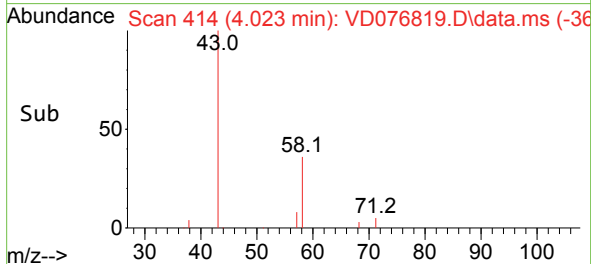
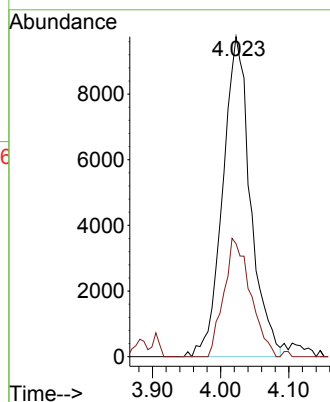
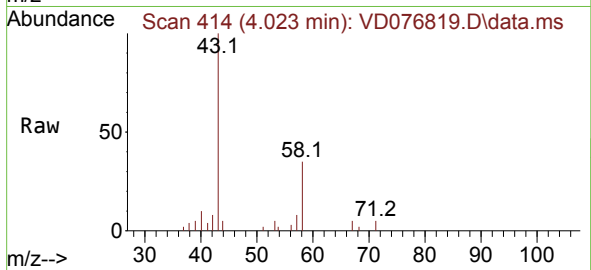




#16
Acetone
Concen: 71.094 ug/l
RT: 4.023 min Scan# 413
Delta R.T. 0.005 min
Lab File: VD076819.D
Acq: 26 Jul 2023 21:32

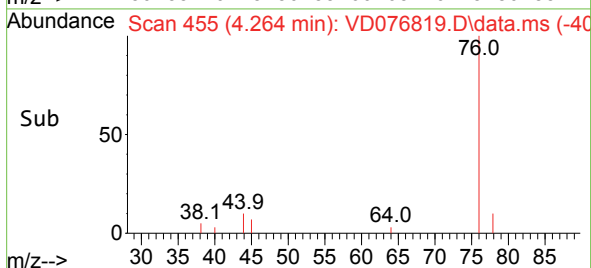
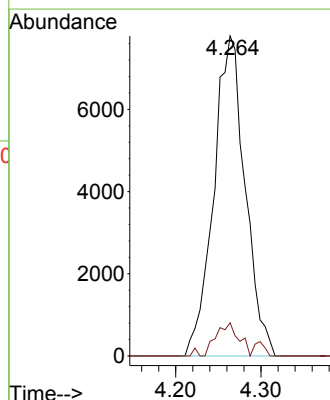
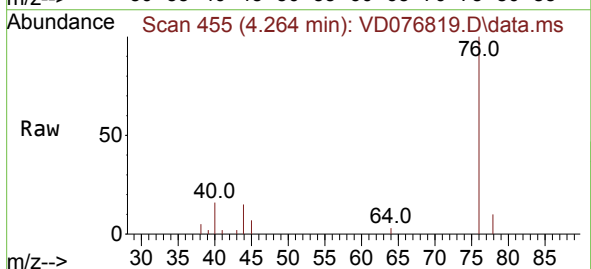
Instrument :
MSVOA_D
ClientSampleId :

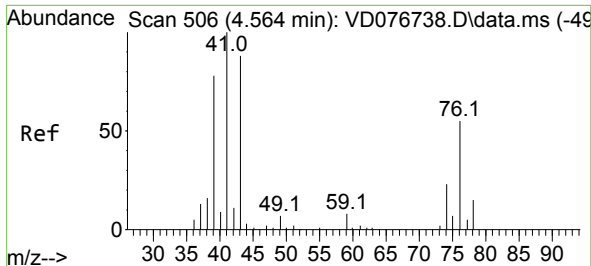
Tgt Ion: 43 Resp: 27526
Ion Ratio Lower Upper
43 100
58 35.3 34.7 52.1



#17
Carbon Disulfide
Concen: 5.308 ug/l
RT: 4.264 min Scan# 455
Delta R.T. -0.000 min
Lab File: VD076819.D
Acq: 26 Jul 2023 21:32

Tgt Ion: 76 Resp: 19939
Ion Ratio Lower Upper
76 100
78 10.3 6.8 10.2#

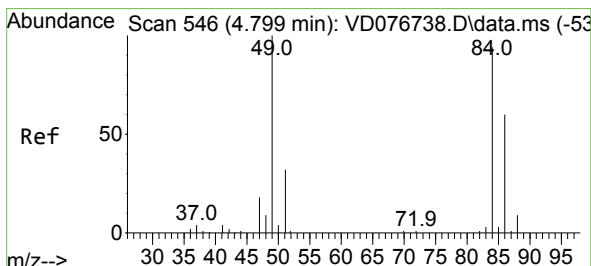
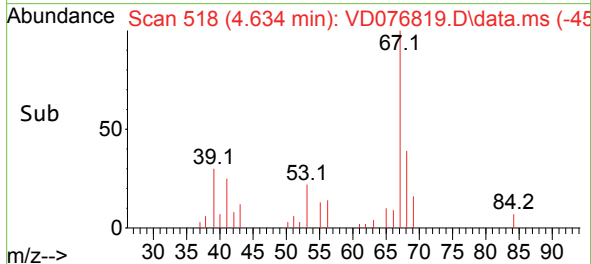
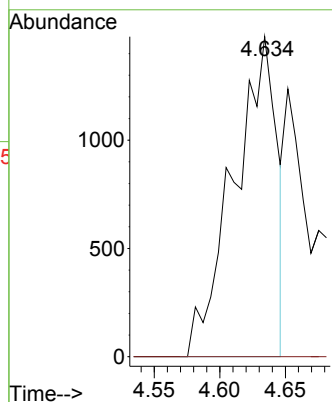
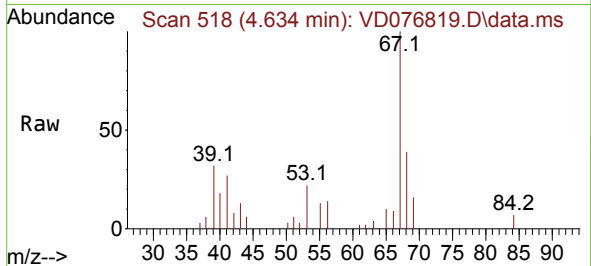




#18
Methyl Acetate
Concen: 2.317 ug/l
RT: 4.634 min Scan# 518
Delta R.T. 0.070 min
Lab File: VD076819.D
Acq: 26 Jul 2023 21:32

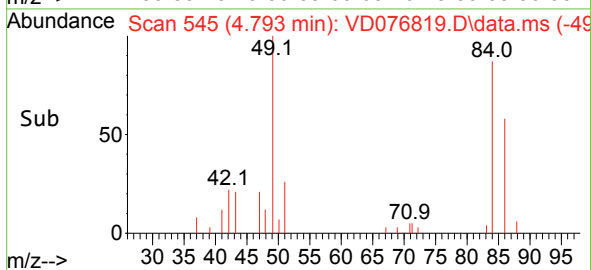
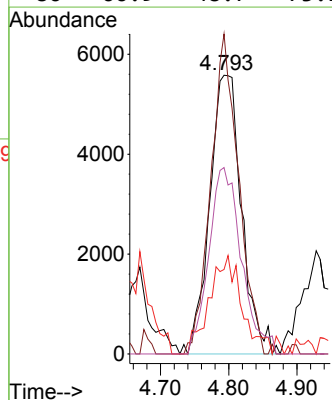
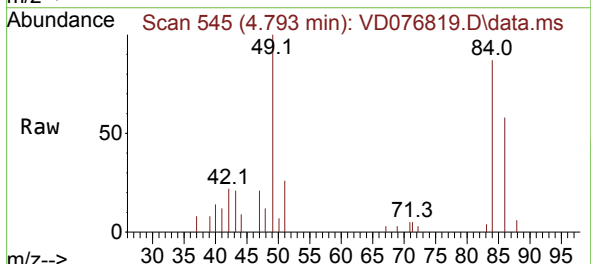
Instrument :
MSVOA_D
ClientSampleId :

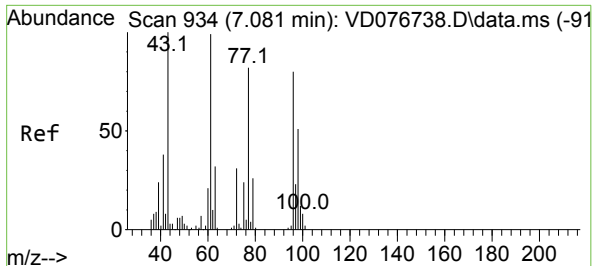
Tgt Ion: 43 Resp: 3371
Ion Ratio Lower Upper
43 100
74 0.0 26.4 39.6#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.793 min Scan# 545
Delta R.T. -0.006 min
Lab File: VD076819.D
Acq: 26 Jul 2023 21:32

Tgt Ion: 84 Resp: 18169
Ion Ratio Lower Upper
84 100
49 114.8 71.4 107.2#
51 30.3 24.5 36.7
86 66.9 48.7 73.1





#25

2-Butanone

Concen: 30.209 ug/l

RT: 7.081 min Scan# 91

Delta R.T. 0.000 min

Lab File: VD076819.D

Acq: 26 Jul 2023 21:32

Instrument :

MSVOA_D

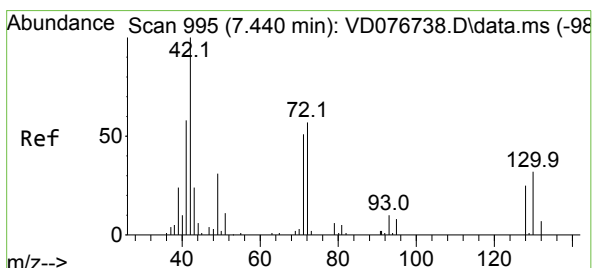
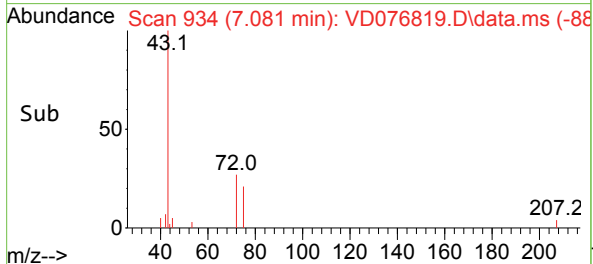
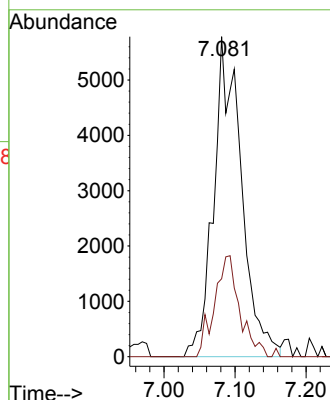
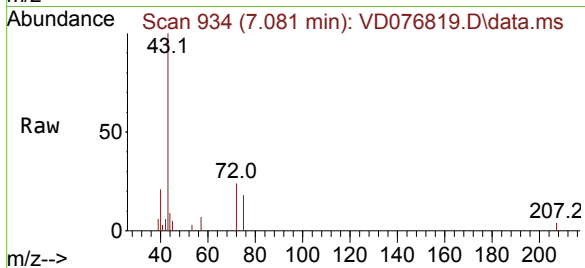
ClientSampleId :

Tgt Ion: 43 Resp: 15654

Ion Ratio Lower Upper

43 100

72 24.4 30.7 46.1#



#29

Tetrahydrofuran

Concen: 2.757 ug/l

RT: 7.446 min Scan# 996

Delta R.T. 0.006 min

Lab File: VD076819.D

Acq: 26 Jul 2023 21:32

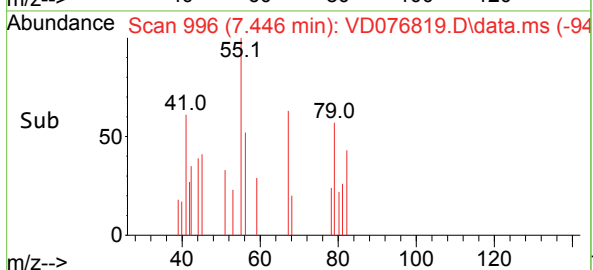
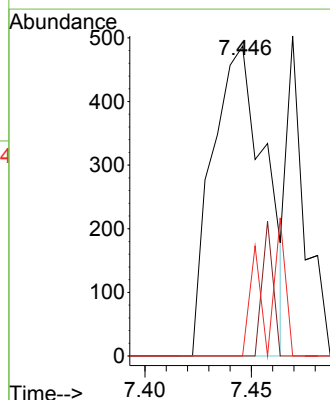
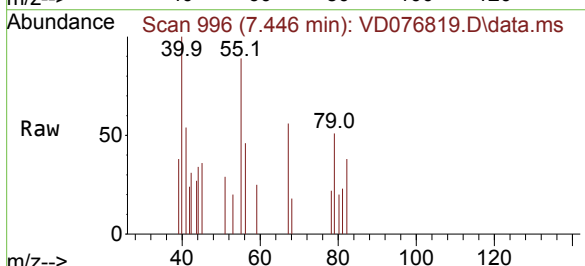
Tgt Ion: 42 Resp: 844

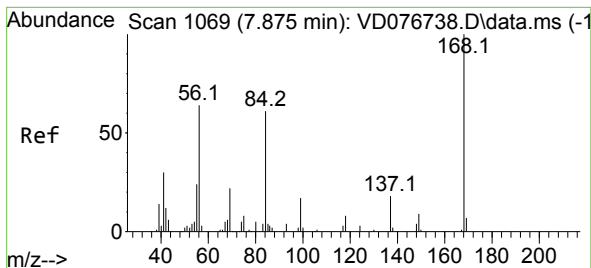
Ion Ratio Lower Upper

42 100

72 8.9 46.5 69.7#

71 7.2 44.5 66.7#





#31

Cyclohexane

Concen: 12.019 ug/l

RT: 7.881 min Scan# 1107

Delta R.T. 0.006 min

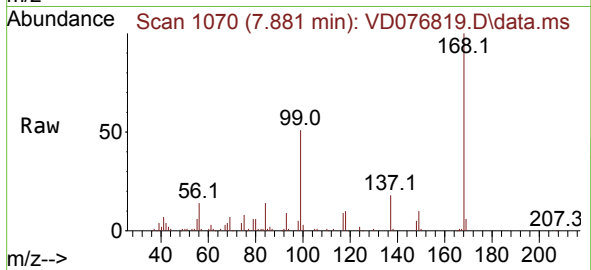
Lab File: VD076819.D

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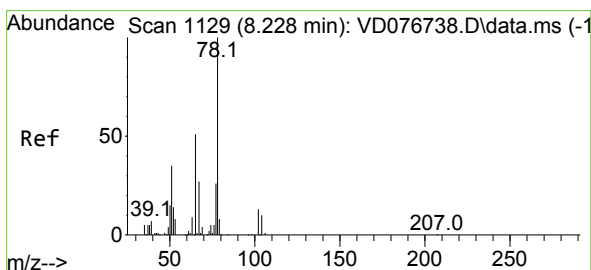
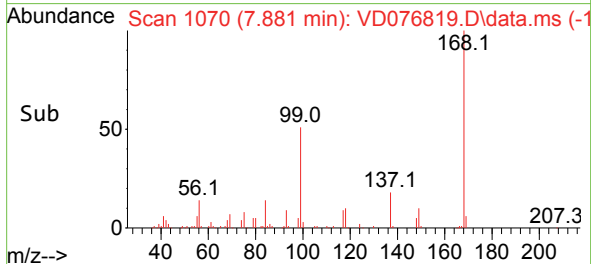
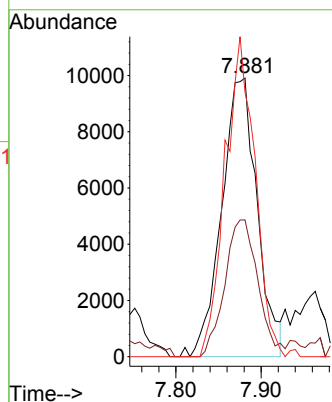
Tgt Ion: 56 Resp: 28676

Ion Ratio Lower Upper

56 100

69 49.1 28.6 43.0#

84 94.9 84.8 127.2



#33

1,2-Dichloroethane-d4

Concen: 62.248 ug/l

RT: 8.252 min Scan# 1133

Delta R.T. 0.024 min

Lab File: VD076819.D

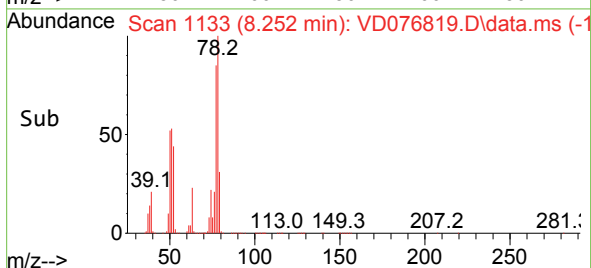
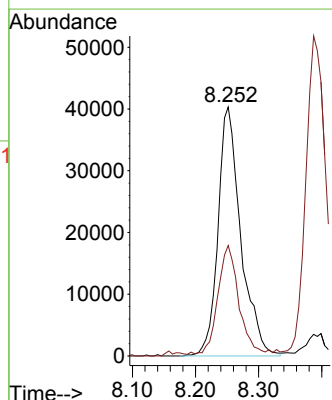
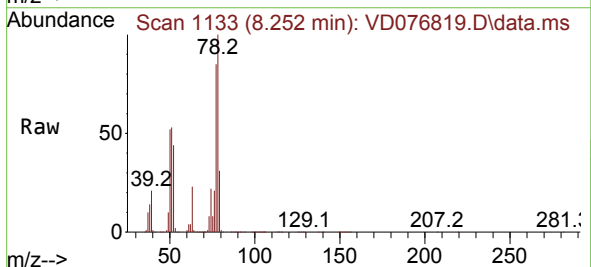
Acq: 26 Jul 2023 21:32

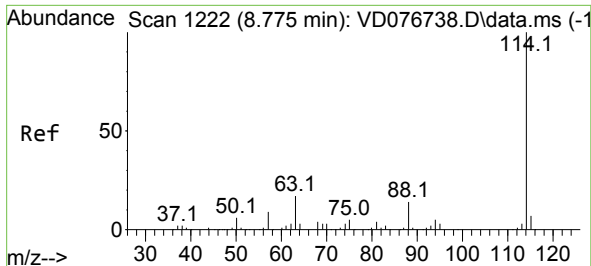
Tgt Ion: 65 Resp: 100917

Ion Ratio Lower Upper

65 100

67 39.1 0.0 115.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 11

Delta R.T. 0.000 min

Lab File: VD076819.D

Acq: 26 Jul 2023 21:32

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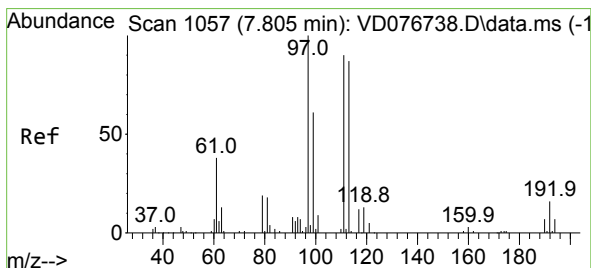
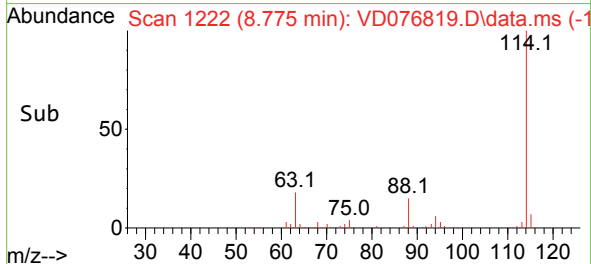
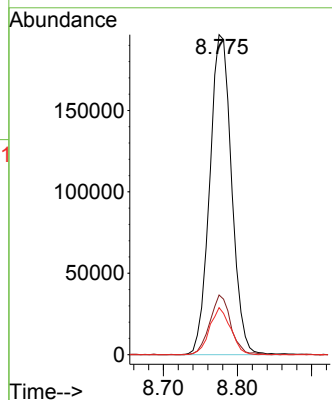
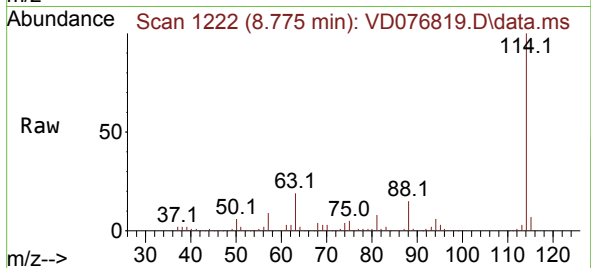
Tgt Ion:114 Resp: 403228

Ion Ratio Lower Upper

114 100

63 18.7 0.0 33.4

88 14.7 0.0 26.2



#35

Dibromofluoromethane

Concen: 44.415 ug/l

RT: 7.805 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VD076819.D

Acq: 26 Jul 2023 21:32

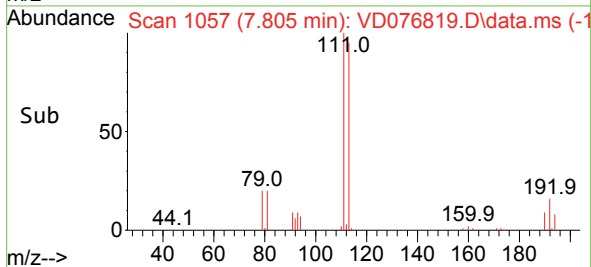
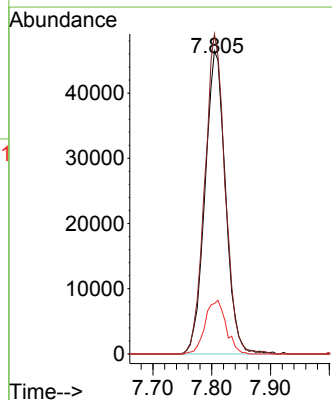
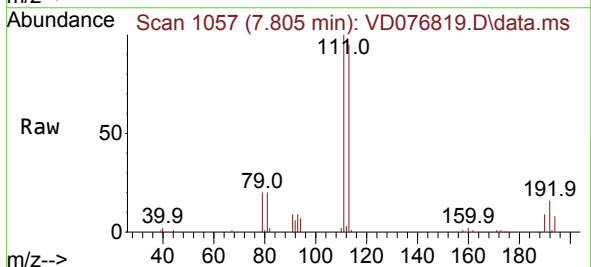
Tgt Ion:113 Resp: 112543

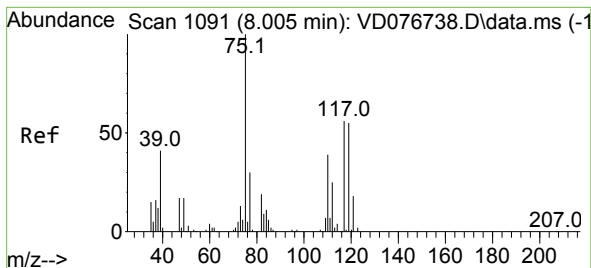
Ion Ratio Lower Upper

113 100

111 104.3 84.7 127.1

192 18.1 16.8 25.2





#36

1,1-Dichloropropene

Concen: 513.455 ug/l

RT: 8.240 min Scan# 1131

Delta R.T. 0.235 min

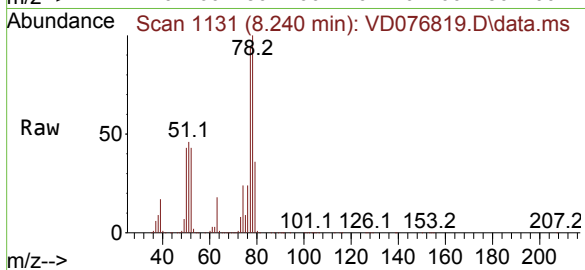
Lab File: VD076819.D

Acq: 26 Jul 2023 21:32

Instrument :

MSVOA_D

ClientSampleId :



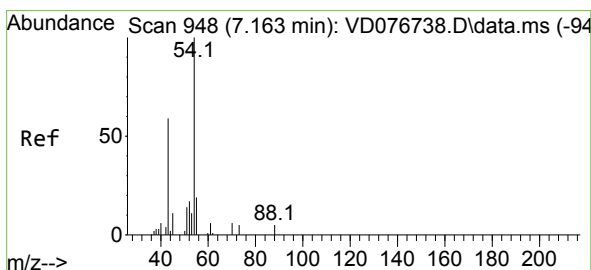
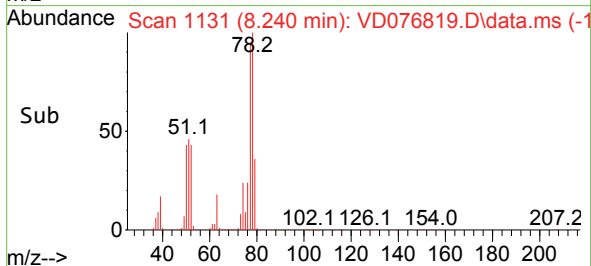
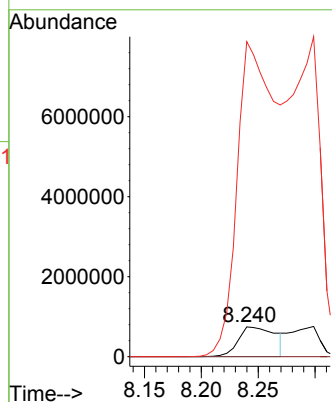
Tgt Ion: 75 Resp: 1700116

Ion Ratio Lower Upper

75 100

110 0.0 19.9 59.6#

77 1085.2 24.7 37.1#



#37

Ethyl Acetate

Concen: 10.572 ug/l

RT: 7.081 min Scan# 934

Delta R.T. -0.082 min

Lab File: VD076819.D

Acq: 26 Jul 2023 21:32

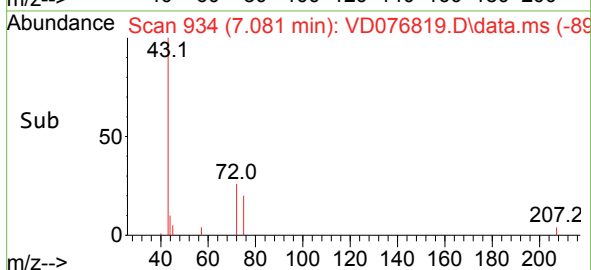
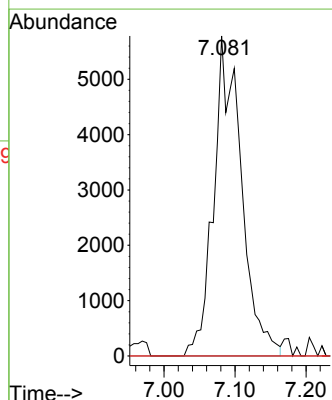
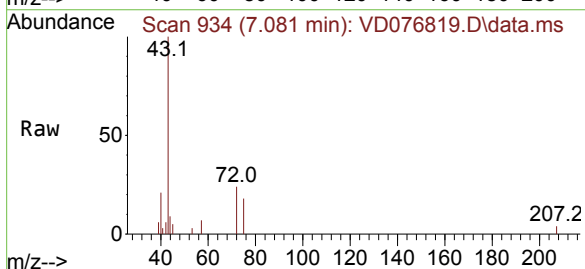
Tgt Ion: 43 Resp: 15654

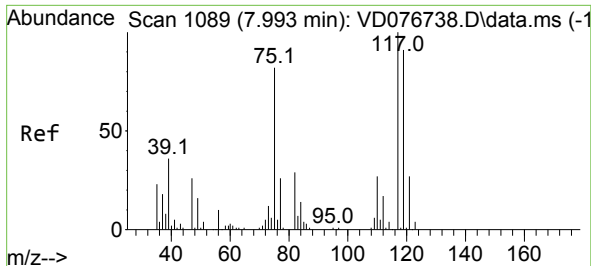
Ion Ratio Lower Upper

43 100

61 0.0 14.9 22.3#

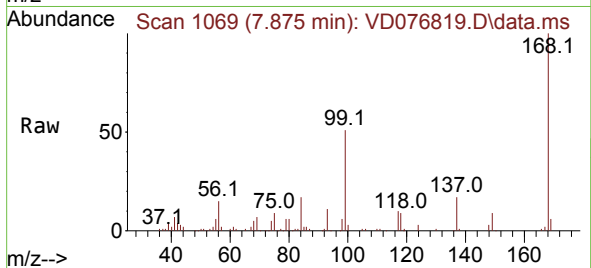
70 0.0 10.0 15.0#



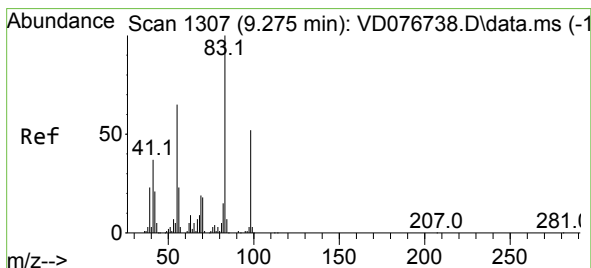
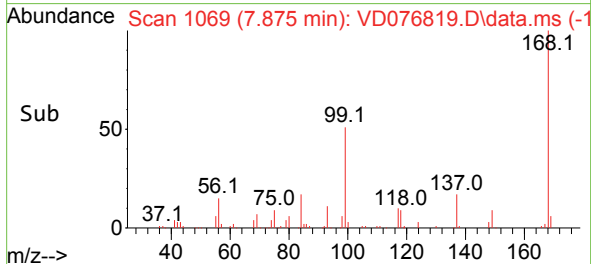
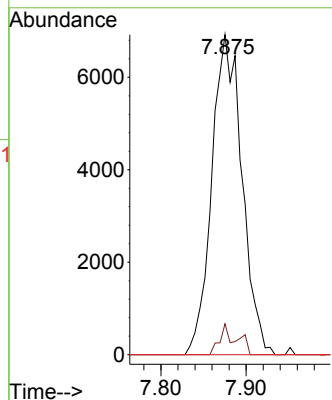


#38
Carbon Tetrachloride
Concen: 5.370 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.118 min
Lab File: VD076819.D
Acq: 26 Jul 2023 21:32

Instrument :
MSVOA_D
ClientSampleId :

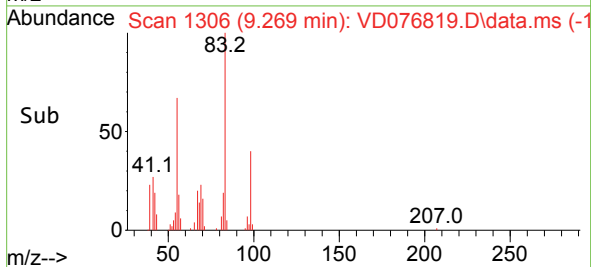
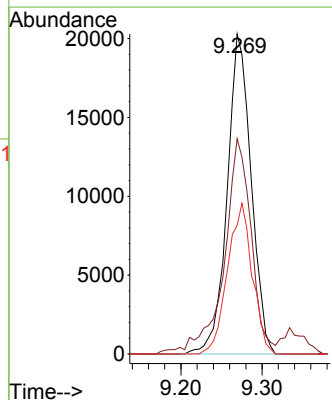
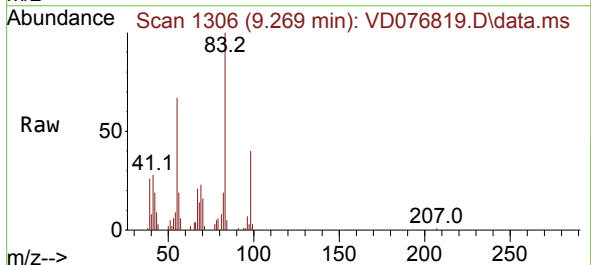


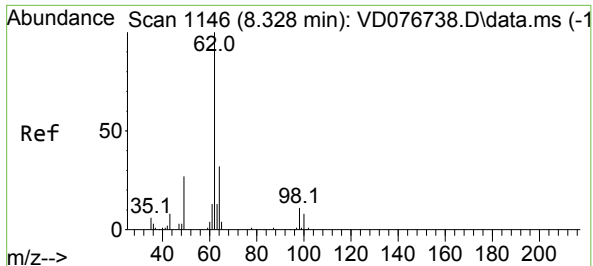
Tgt Ion:117 Resp: 17026
Ion Ratio Lower Upper
117 100
119 9.6 78.0 117.0#
121 0.0 24.2 36.2#



#39
Methylcyclohexane
Concen: 10.884 ug/l
RT: 9.269 min Scan# 1306
Delta R.T. -0.006 min
Lab File: VD076819.D
Acq: 26 Jul 2023 21:32

Tgt Ion: 83 Resp: 41612
Ion Ratio Lower Upper
83 100
55 65.2 49.4 74.0
98 40.2 38.4 57.6





#42

1,2-Dichloroethane

Concen: 300.602 ug/l

RT: 8.246 min Scan# 1146

Delta R.T. -0.082 min

Lab File: VD076819.D

Acq: 26 Jul 2023 21:32

Instrument :

MSVOA_D

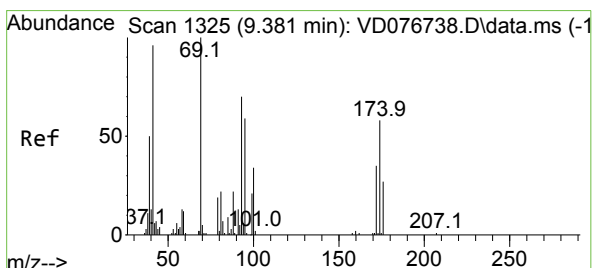
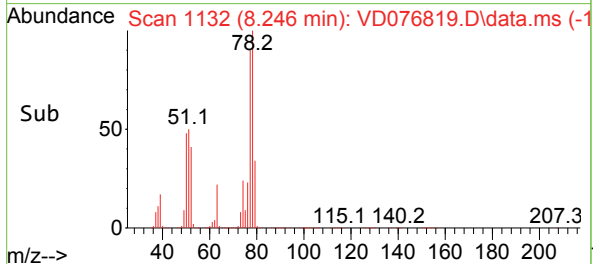
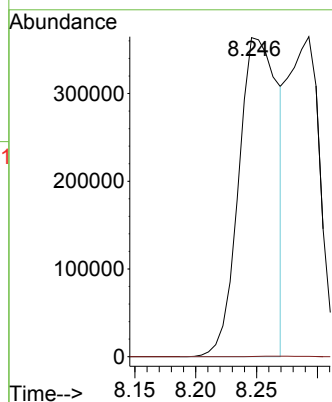
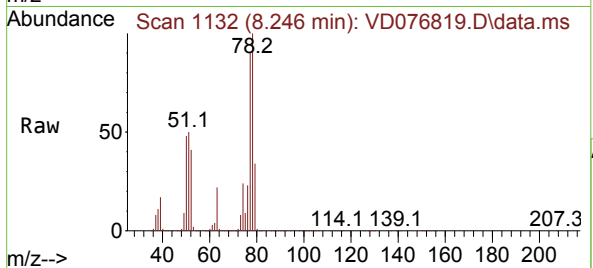
ClientSampleId :

Tgt Ion: 62 Resp: 816000

Ion Ratio Lower Upper

62 100

98 0.0 0.0 25.4



#48

Methyl methacrylate

Concen: 3.169 ug/l

RT: 9.334 min Scan# 1317

Delta R.T. -0.047 min

Lab File: VD076819.D

Acq: 26 Jul 2023 21:32

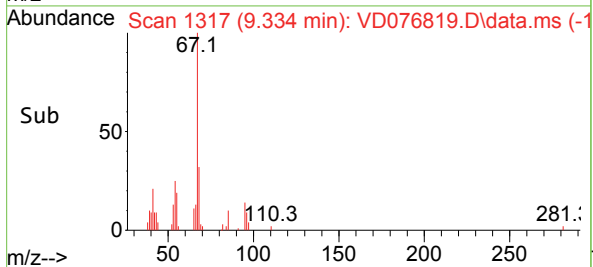
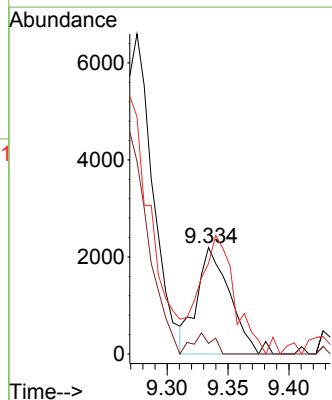
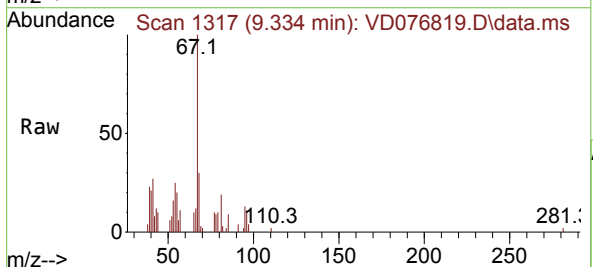
Tgt Ion: 41 Resp: 4168

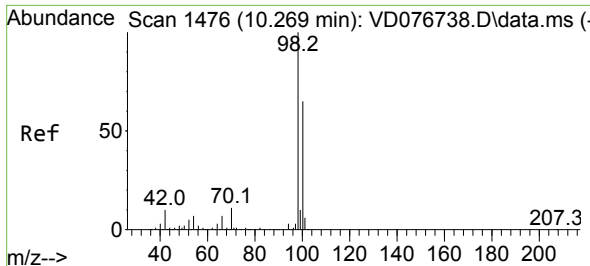
Ion Ratio Lower Upper

41 100

69 12.0 102.2 153.2#

39 117.8 41.4 62.2#

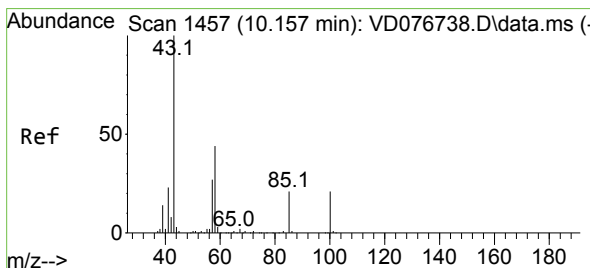
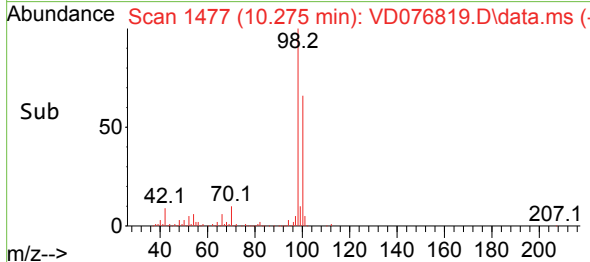
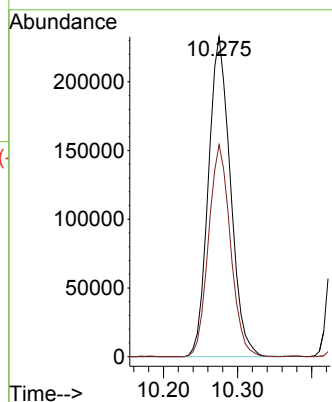
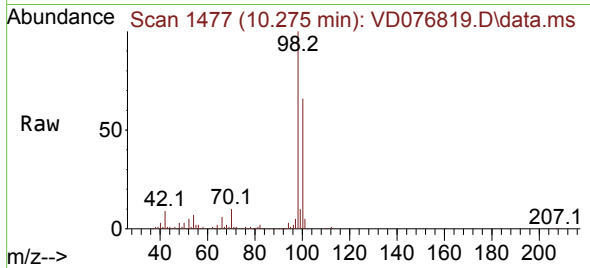




#50
Toluene-d8
Concen: 52.973 ug/l
RT: 10.275 min Scan# 1476
Delta R.T. 0.006 min
Lab File: VD076819.D
Acq: 26 Jul 2023 21:32

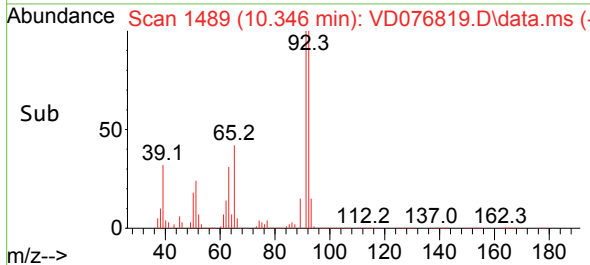
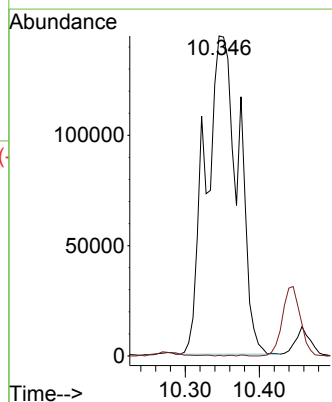
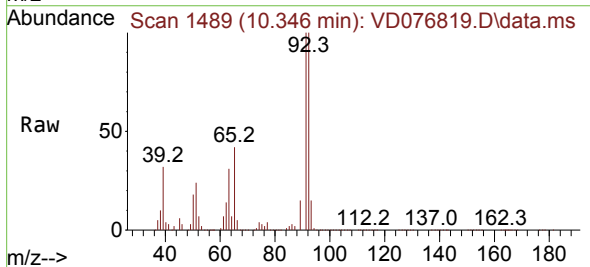
Instrument :
MSVOA_D
ClientSampleId :

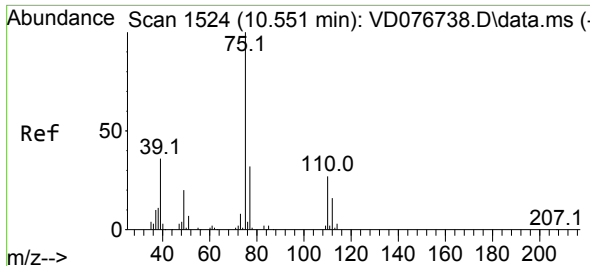
Tgt Ion: 98 Resp: 480192
Ion Ratio Lower Upper
98 100
100 65.9 50.3 75.5



#51
4-Methyl-2-Pentanone
Concen: 289.578 ug/l
RT: 10.346 min Scan# 1489
Delta R.T. 0.189 min
Lab File: VD076819.D
Acq: 26 Jul 2023 21:32

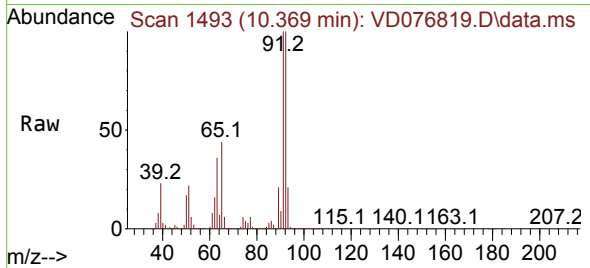
Tgt Ion: 43 Resp: 445562
Ion Ratio Lower Upper
43 100
58 0.0 38.9 58.3#



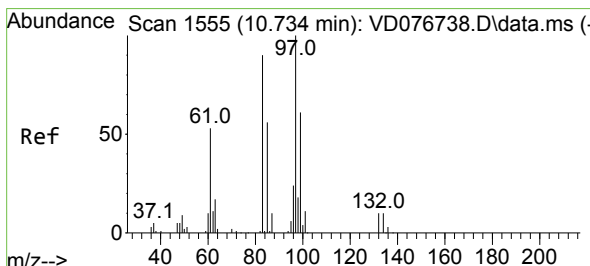
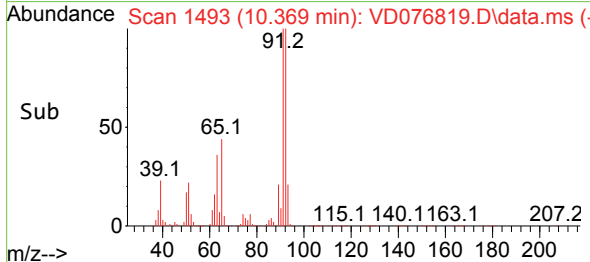
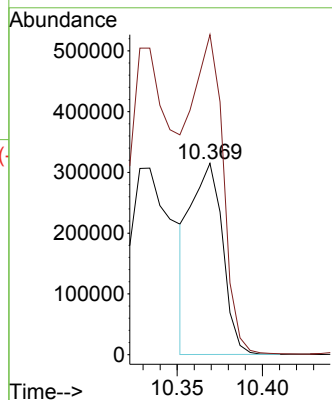


#53
t-1,3-Dichloropropene
Concen: 110.812 ug/l
RT: 10.369 min Scan# 14
Delta R.T. -0.182 min
Lab File: VD076819.D
Acq: 26 Jul 2023 21:32

Instrument :
MSVOA_D
ClientSampleId :

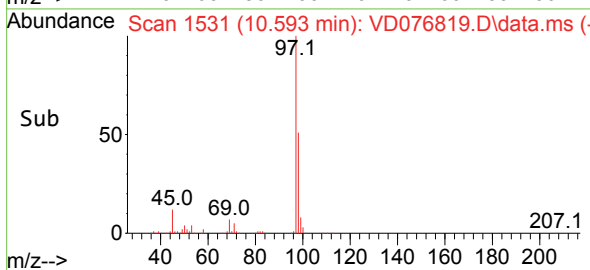
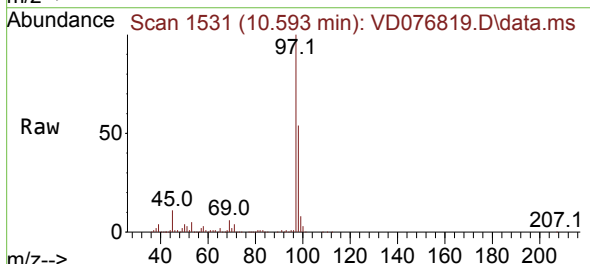
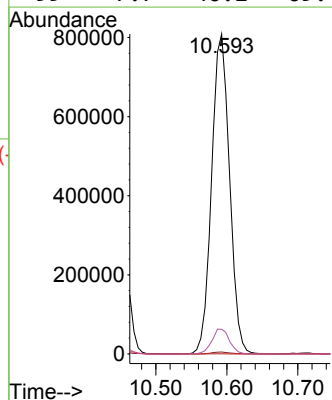


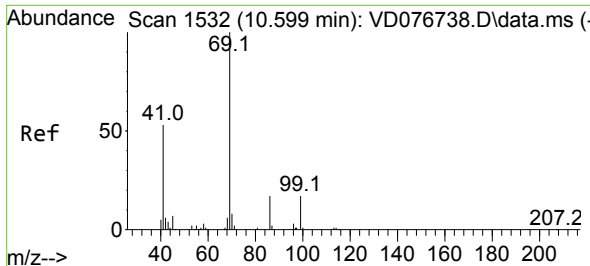
Tgt Ion: 75 Resp: 407442
Ion Ratio Lower Upper
75 100
77 167.0 25.3 37.9#



#55
1,1,2-Trichloroethane
Concen: 612.678 ug/l
RT: 10.593 min Scan# 1531
Delta R.T. -0.141 min
Lab File: VD076819.D
Acq: 26 Jul 2023 21:32

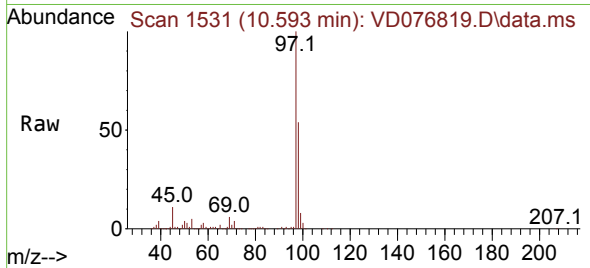
Tgt Ion: 97 Resp: 1412302
Ion Ratio Lower Upper
97 100
83 0.6 65.8 98.6#
85 0.0 45.7 68.5#
99 7.7 46.2 69.4#



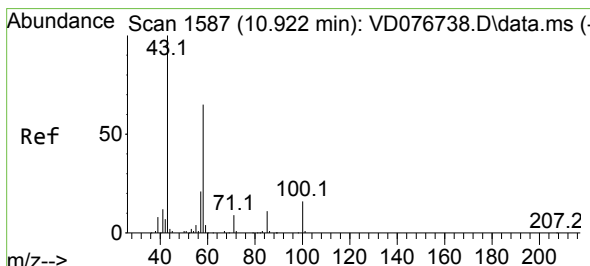
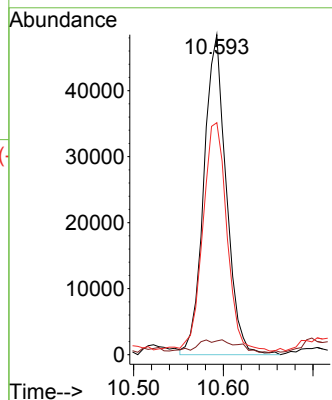
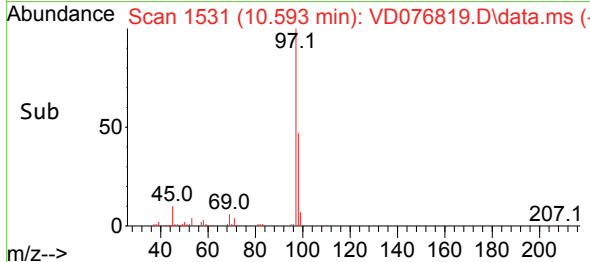


#56
Ethyl methacrylate
Concen: 31.532 ug/l
RT: 10.593 min Scan# 1531
Delta R.T. -0.006 min
Lab File: VD076819.D
Acq: 26 Jul 2023 21:32

Instrument :
MSVOA_D
ClientSampleId :

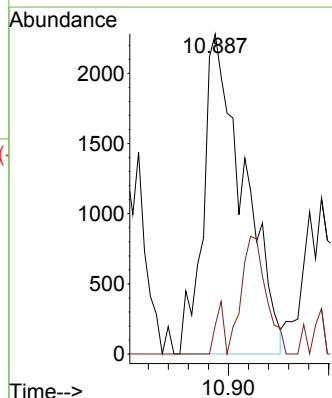
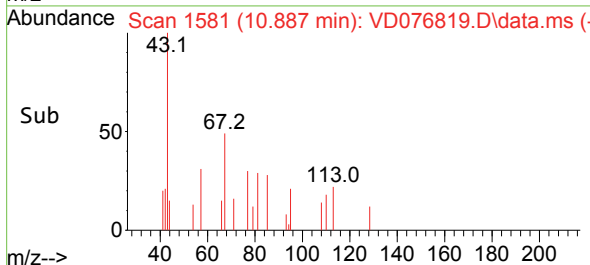
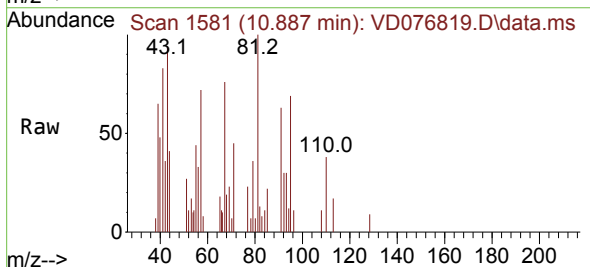


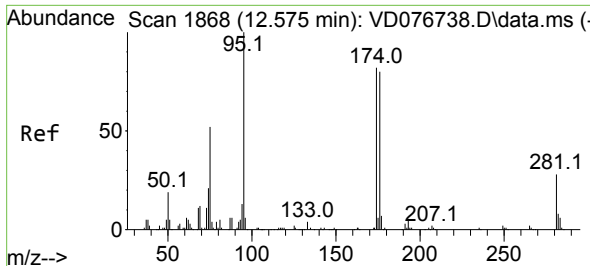
Tgt Ion: 69 Resp: 83893
Ion Ratio Lower Upper
69 100
41 0.0 39.1 58.7#
39 0.0 20.0 30.0#



#59
2-Hexanone
Concen: 5.855 ug/l
RT: 10.887 min Scan# 1581
Delta R.T. -0.035 min
Lab File: VD076819.D
Acq: 26 Jul 2023 21:32

Tgt Ion: 43 Resp: 6428
Ion Ratio Lower Upper
43 100
58 3.2 34.1 102.2#

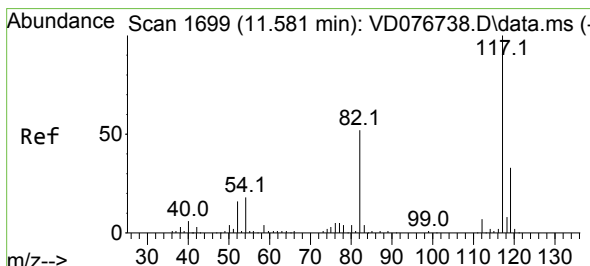
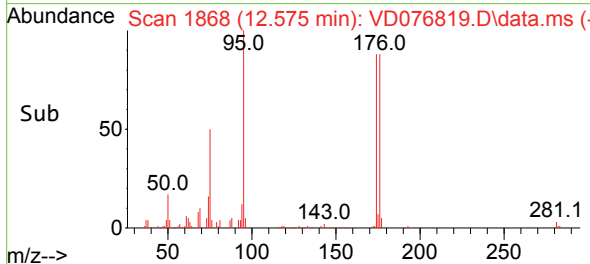
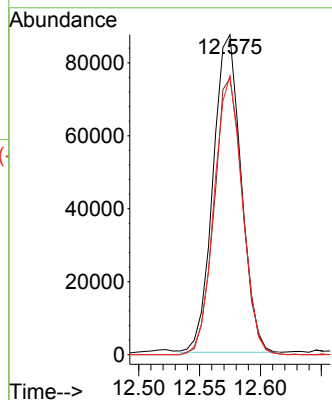
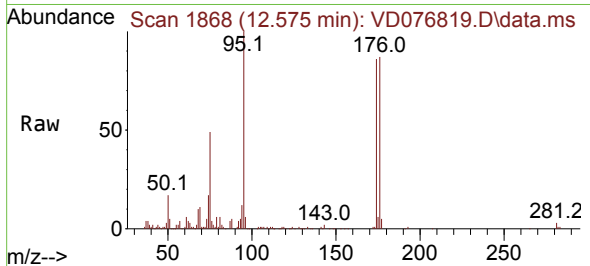




#62
4-Bromofluorobenzene
Concen: 47.619 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD076819.D
Acq: 26 Jul 2023 21:32

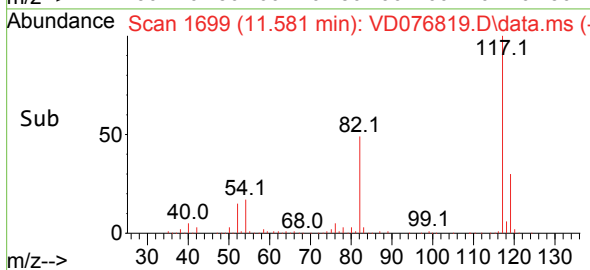
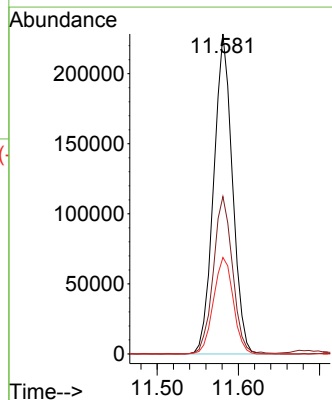
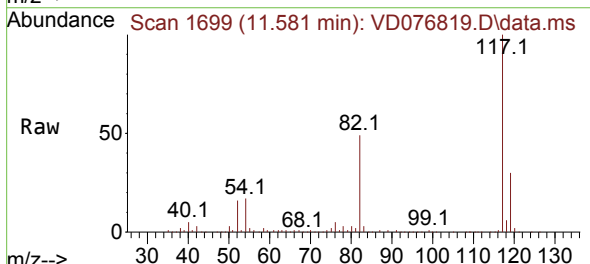
Instrument :
MSVOA_D
ClientSampleId :

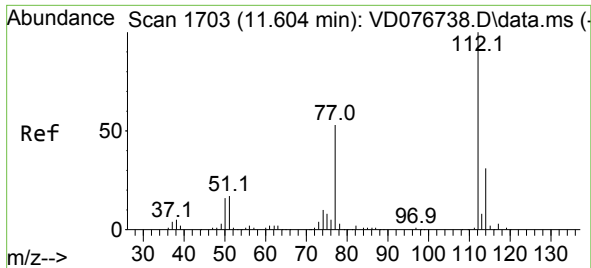
Tgt Ion: 95 Resp: 139641
Ion Ratio Lower Upper
95 100
174 88.1 0.0 201.8
176 87.8 0.0 191.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. 0.000 min
Lab File: VD076819.D
Acq: 26 Jul 2023 21:32

Tgt Ion: 117 Resp: 366432
Ion Ratio Lower Upper
117 100
82 49.1 38.3 57.5
119 30.2 25.0 37.4

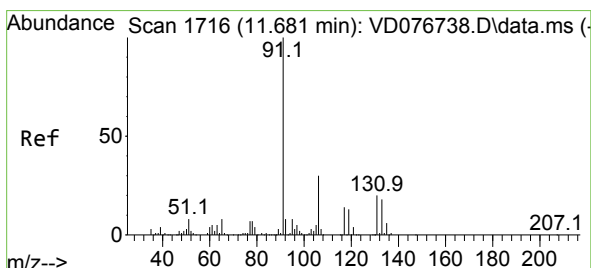
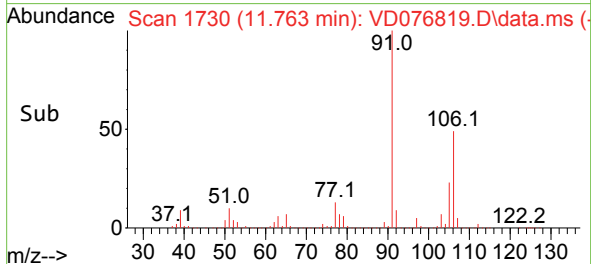
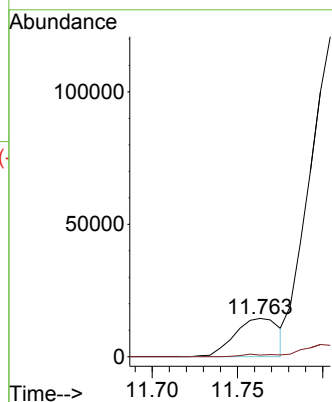
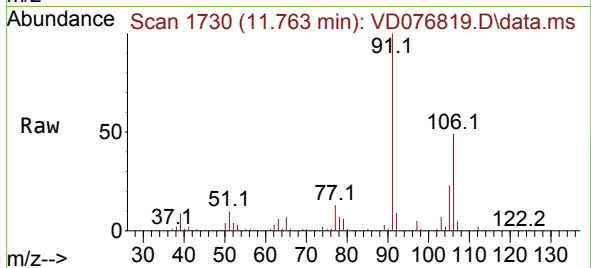




#65
Chlorobenzene
Concen: 3.542 ug/l
RT: 11.763 min Scan# 1170
Delta R.T. 0.159 min
Lab File: VD076819.D
Acq: 26 Jul 2023 21:32

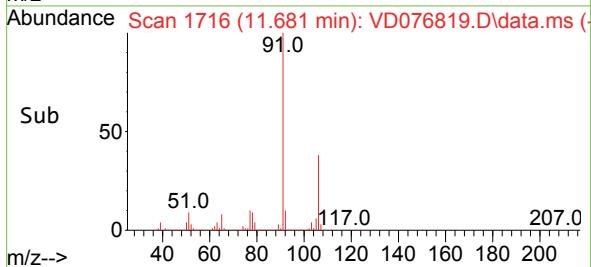
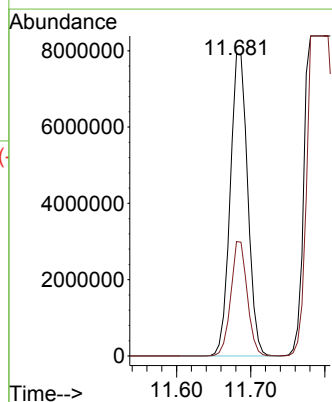
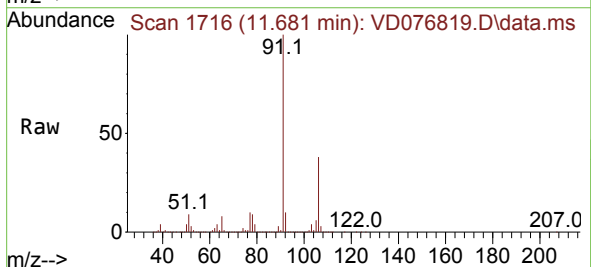
Instrument :
MSVOA_D
ClientSampleId :

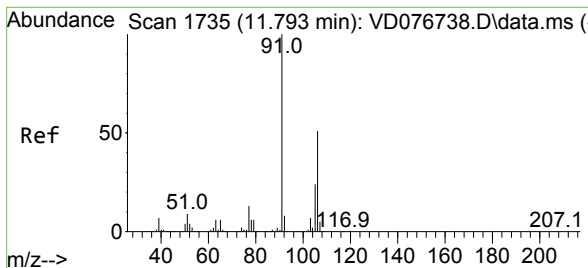
Tgt Ion:112 Resp: 26103
Ion Ratio Lower Upper
112 100
114 4.2 25.1 37.7#



#67
Ethyl Benzene
Concen: 1002.306 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. -0.000 min
Lab File: VD076819.D
Acq: 26 Jul 2023 21:32

Tgt Ion: 91 Resp:12972544
Ion Ratio Lower Upper
91 100
106 37.9 26.5 39.7

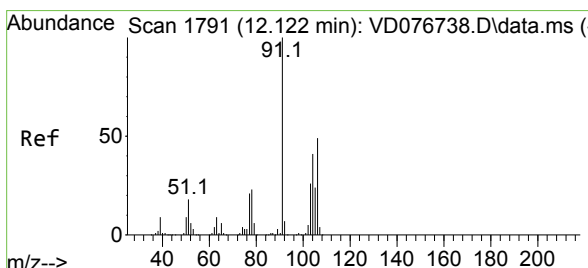
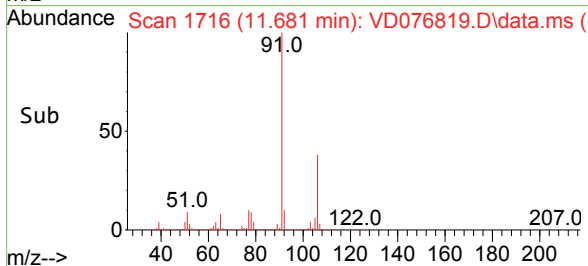
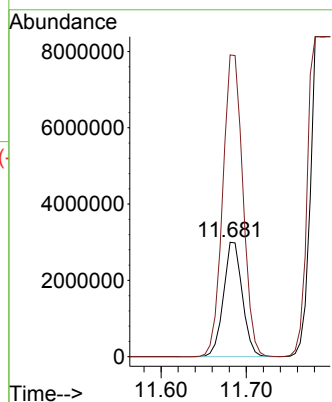
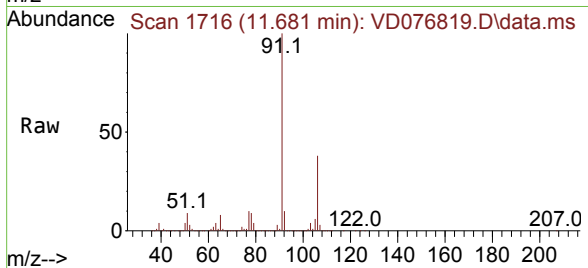




#68
m/p-Xylenes
Concen: 925.795 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. -0.112 min
Lab File: VD076819.D
Acq: 26 Jul 2023 21:32

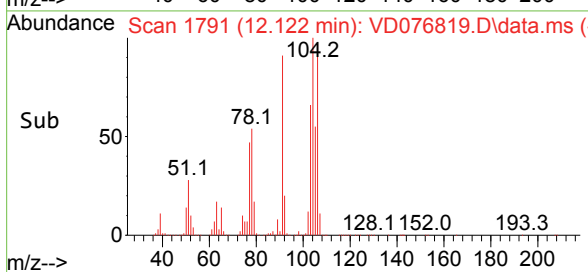
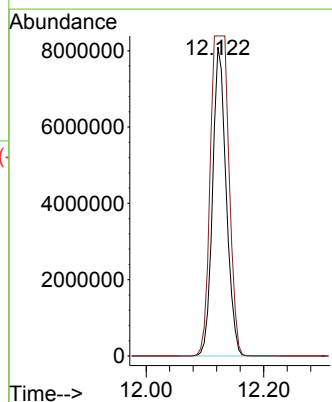
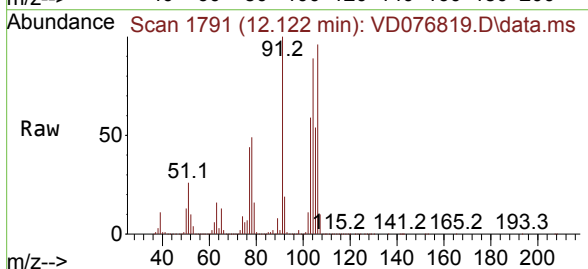
Instrument :
MSVOA_D
ClientSampleId :

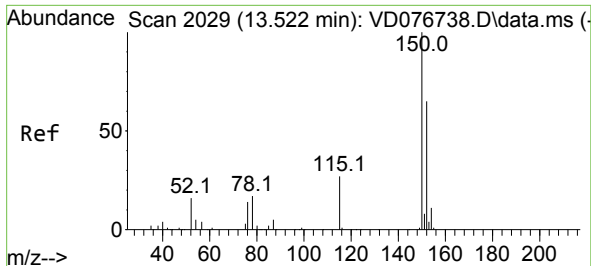
Tgt Ion:106 Resp: 4601890
Ion Ratio Lower Upper
106 100
91 281.9 147.0 220.6#



#69
o-Xylene
Concen: 2707.416 ug/l
RT: 12.122 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VD076819.D
Acq: 26 Jul 2023 21:32

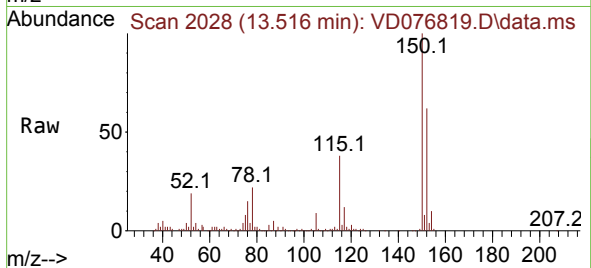
Tgt Ion:106 Resp:13014018
Ion Ratio Lower Upper
106 100
91 142.7 97.9 293.6



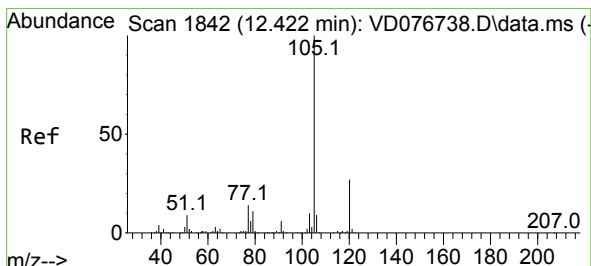
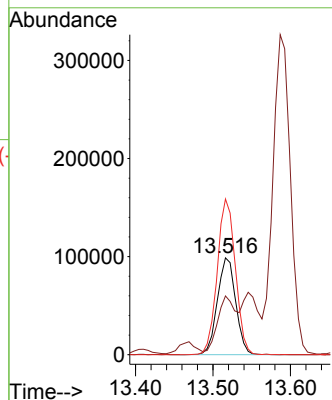
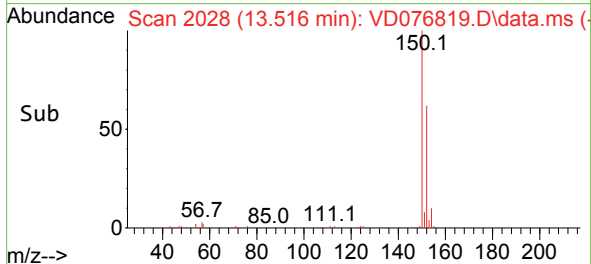


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2029
Delta R.T. -0.006 min
Lab File: VD076819.D
Acq: 26 Jul 2023 21:32

Instrument :
MSVOA_D
ClientSampleId :

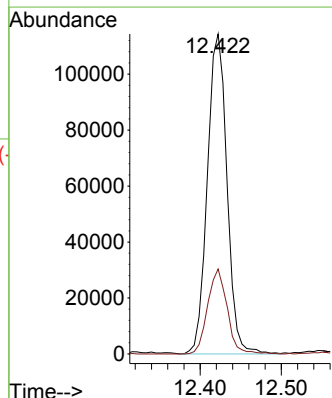
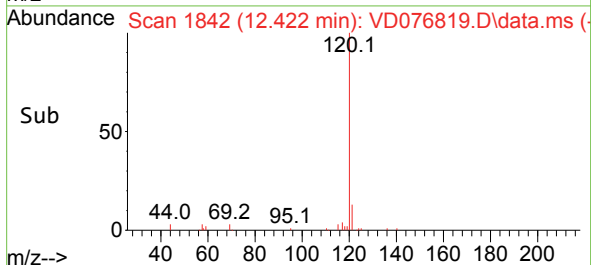
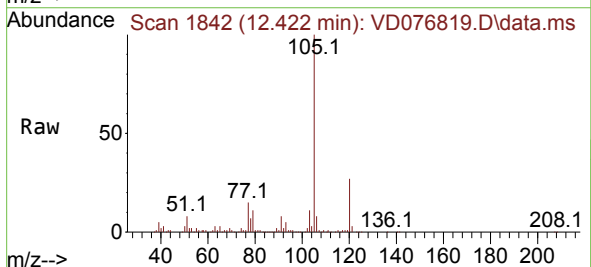


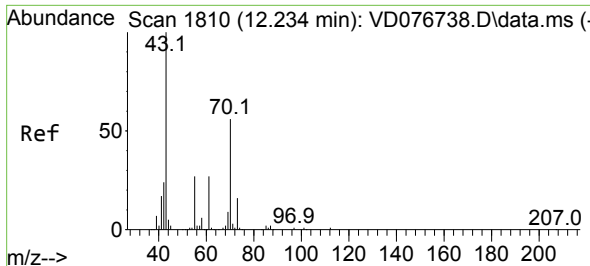
Tgt Ion:152 Resp: 161998
Ion Ratio Lower Upper
152 100
115 0.0 27.1 81.3#
150 159.4 0.0 353.6



#73
Isopropylbenzene
Concen: 16.323 ug/l
RT: 12.422 min Scan# 1842
Delta R.T. 0.000 min
Lab File: VD076819.D
Acq: 26 Jul 2023 21:32

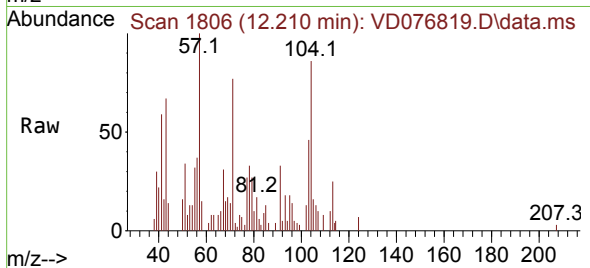
Tgt Ion:105 Resp: 191851
Ion Ratio Lower Upper
105 100
120 26.4 14.3 42.9



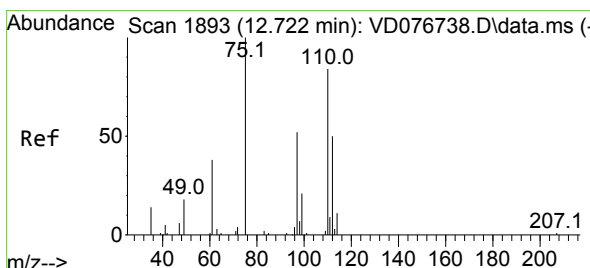
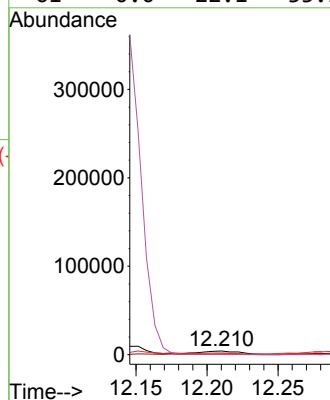
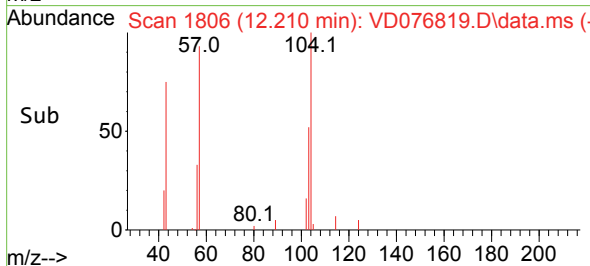


#74
N-amy1 acetate
Concen: 3.085 ug/l
RT: 12.210 min Scan# 1806
Delta R.T. -0.024 min
Lab File: VD076819.D
Acq: 26 Jul 2023 21:32

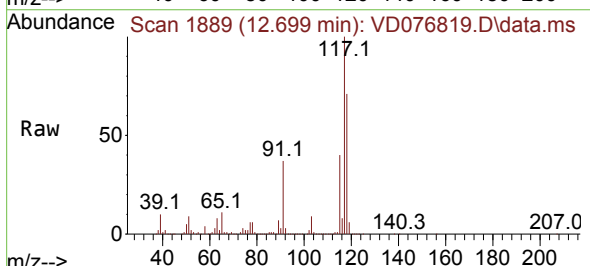
Instrument :
MSVOA_D
ClientSampleId :



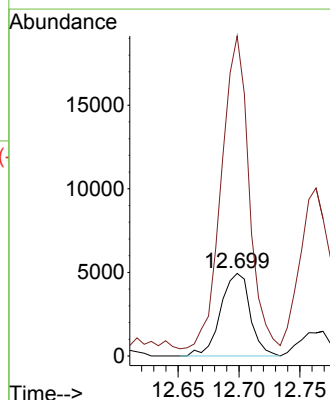
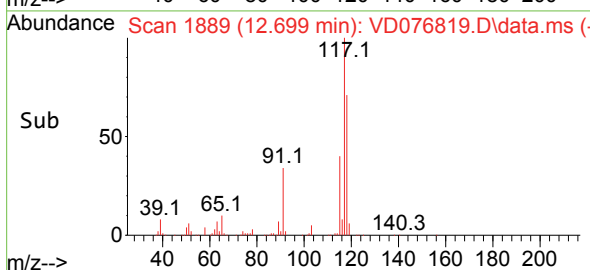
Tgt Ion: 43 Resp: 7638
Ion Ratio Lower Upper
43 100
70 24.2 45.0 67.4#
55 23.8 23.8 35.6
61 0.0 22.1 33.1#

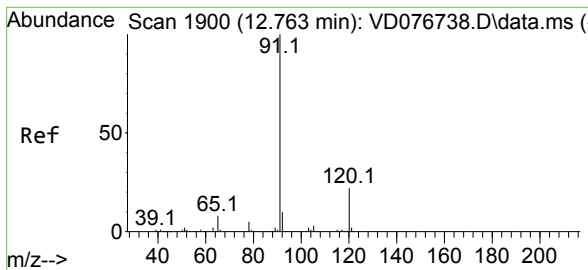


#76
1,2,3-Trichloropropane
Concen: 5.390 ug/l
RT: 12.699 min Scan# 1889
Delta R.T. -0.023 min
Lab File: VD076819.D
Acq: 26 Jul 2023 21:32



Tgt Ion: 75 Resp: 8304
Ion Ratio Lower Upper
75 100
77 355.4 0.0 0.0#

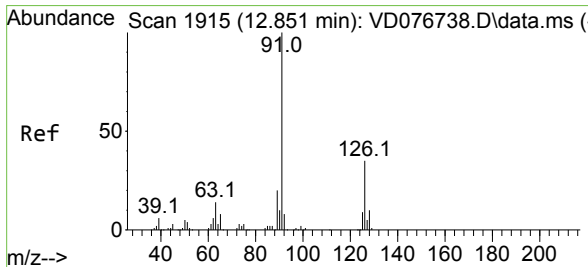
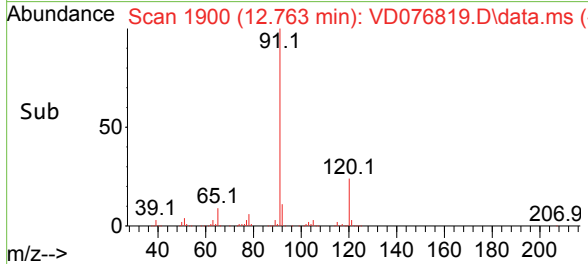
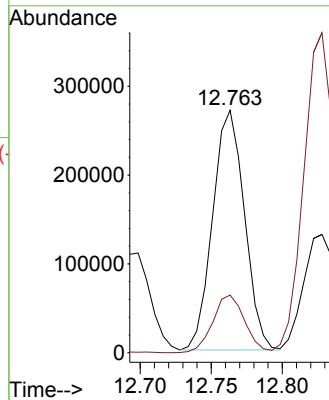
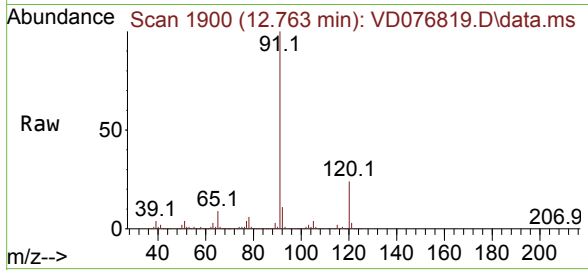




#78
n-propylbenzene
Concen: 29.504 ug/l
RT: 12.763 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VD076819.D
Acq: 26 Jul 2023 21:32

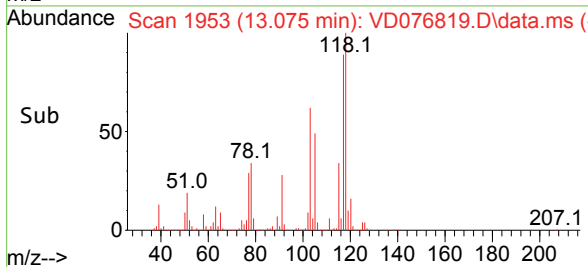
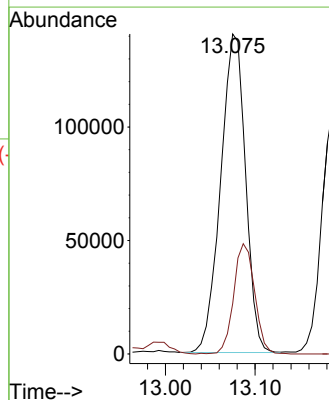
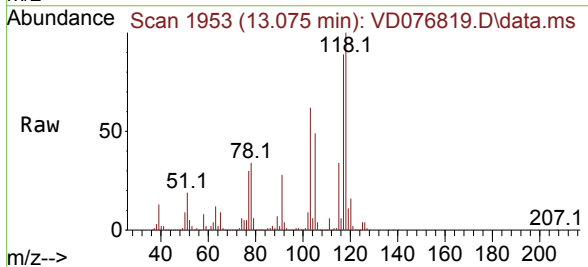
Instrument :
MSVOA_D
ClientSampleId :

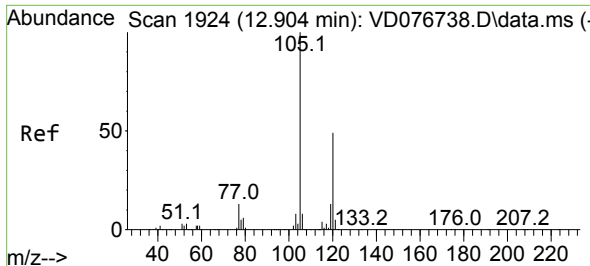
Tgt Ion: 91 Resp: 420396
Ion Ratio Lower Upper
91 100
120 24.2 12.4 37.2



#79
2-Chlorotoluene
Concen: 34.640 ug/l
RT: 13.075 min Scan# 1953
Delta R.T. 0.224 min
Lab File: VD076819.D
Acq: 26 Jul 2023 21:32

Tgt Ion: 91 Resp: 270632
Ion Ratio Lower Upper
91 100
126 29.0 19.4 58.1

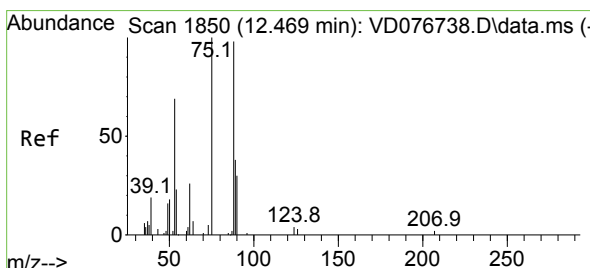
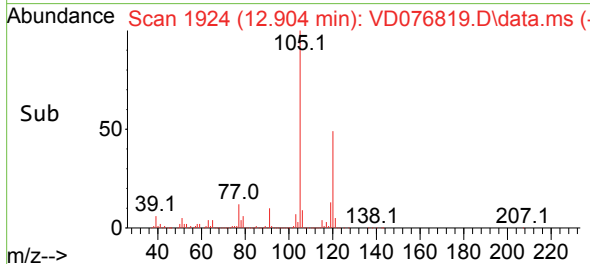
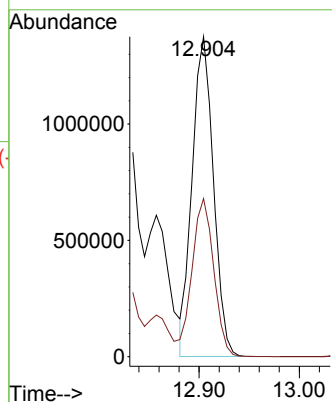
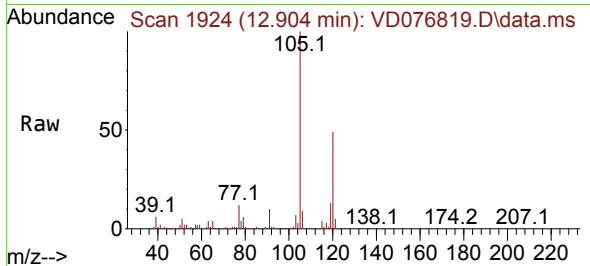




#80
 1,3,5-Trimethylbenzene
 Concen: 212.845 ug/l
 RT: 12.904 min Scan# 1924
 Delta R.T. 0.000 min
 Lab File: VD076819.D
 Acq: 26 Jul 2023 21:32

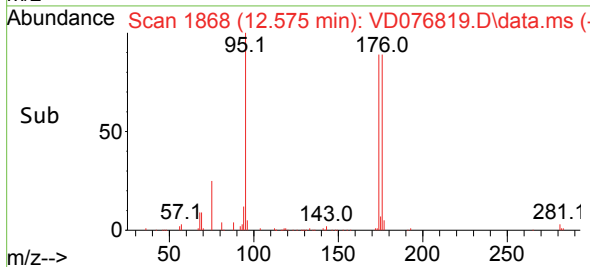
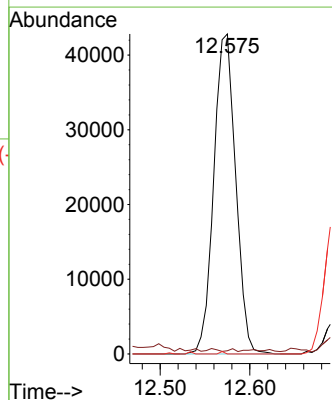
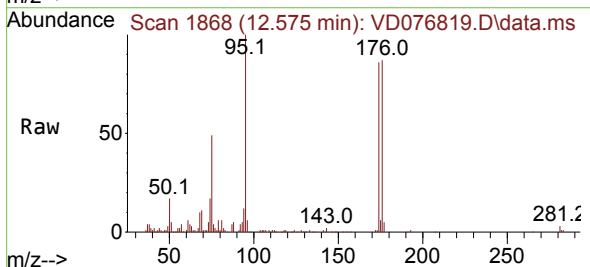
Instrument :
 MSVOA_D
 ClientSampleId :

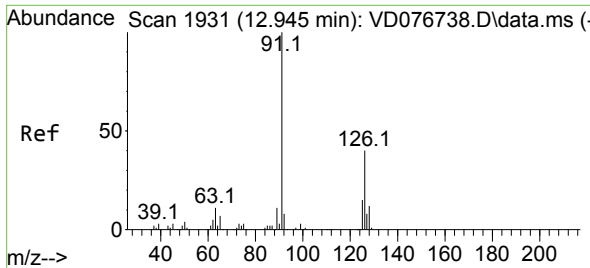
Tgt Ion:105 Resp: 2022796
 Ion Ratio Lower Upper
 105 100
 120 51.3 26.4 79.2



#81
 trans-1,4-Dichloro-2-butene
 Concen: 100.257 ug/l
 RT: 12.575 min Scan# 1868
 Delta R.T. 0.106 min
 Lab File: VD076819.D
 Acq: 26 Jul 2023 21:32

Tgt Ion: 75 Resp: 72573
 Ion Ratio Lower Upper
 75 100
 53 0.4 63.0 94.4#
 89 0.0 37.9 56.9#

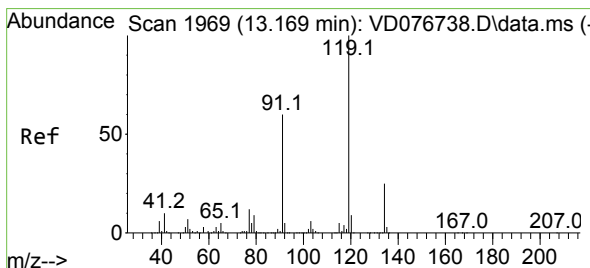
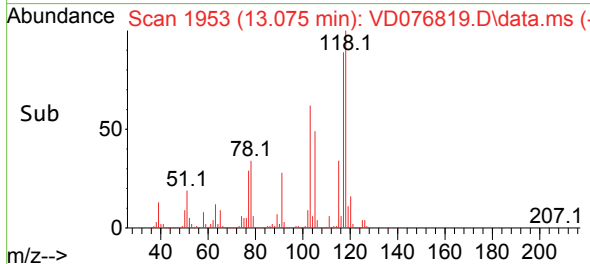
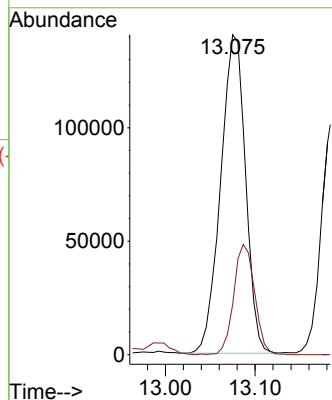
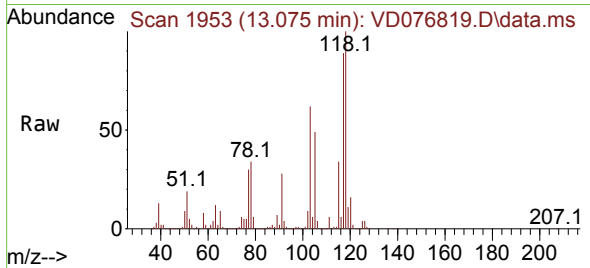




#82
4-Chlorotoluene
Concen: 33.159 ug/l
RT: 13.075 min Scan# 1953
Delta R.T. 0.130 min
Lab File: VD076819.D
Acq: 26 Jul 2023 21:32

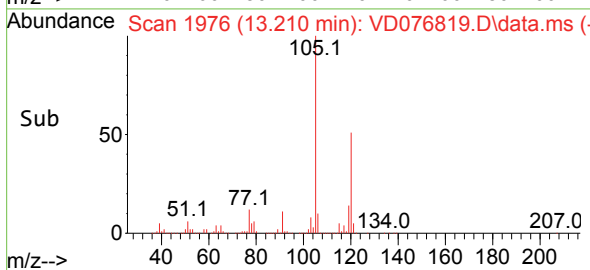
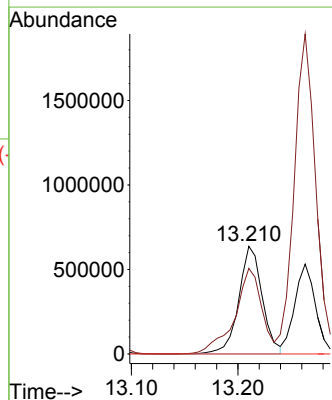
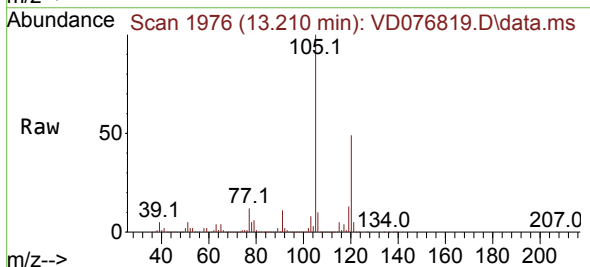
Instrument :
MSVOA_D
ClientSampleId :

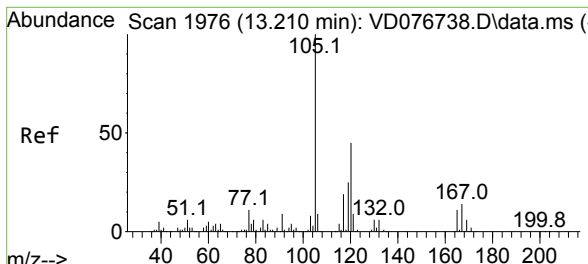
Tgt Ion: 91 Resp: 270632
Ion Ratio Lower Upper
91 100
126 29.1 19.4 58.4



#83
tert-Butylbenzene
Concen: 116.714 ug/l
RT: 13.210 min Scan# 1976
Delta R.T. 0.041 min
Lab File: VD076819.D
Acq: 26 Jul 2023 21:32

Tgt Ion: 119 Resp: 976640
Ion Ratio Lower Upper
119 100
91 91.0 29.3 87.8#
134 0.0 14.1 42.3#

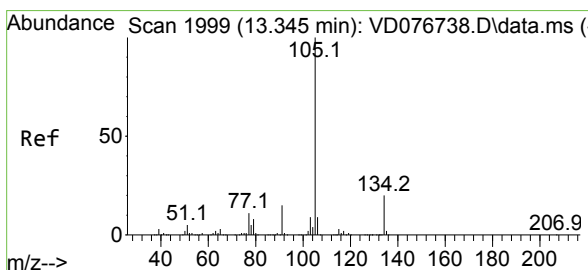
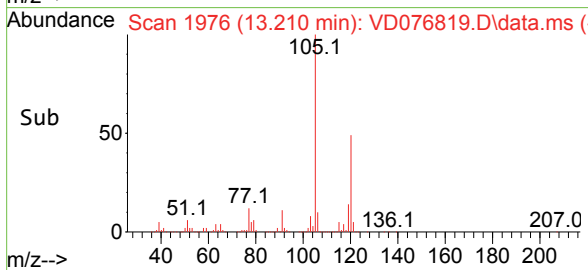
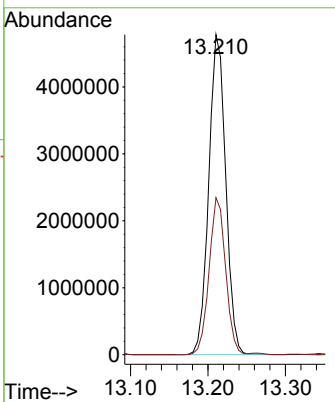
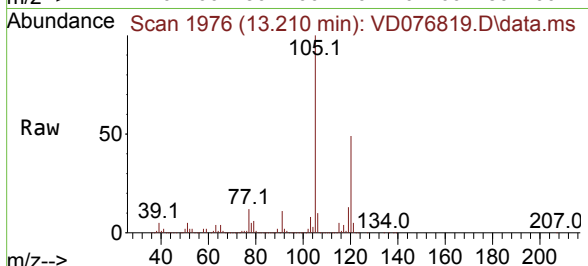




#84
 1,2,4-Trimethylbenzene
 Concen: 746.891 ug/l
 RT: 13.210 min Scan# 1976
 Delta R.T. 0.000 min
 Lab File: VD076819.D
 Acq: 26 Jul 2023 21:32

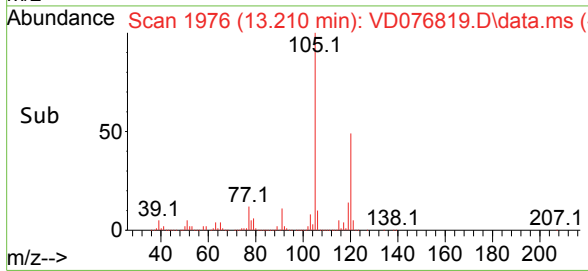
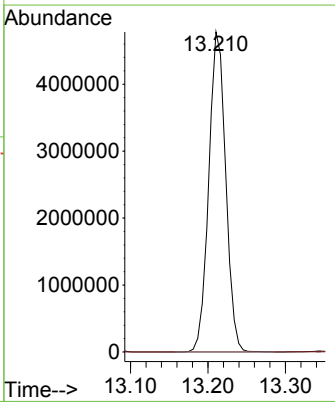
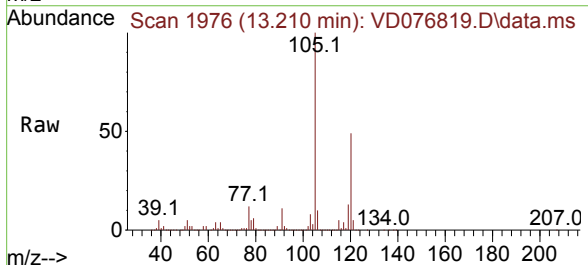
Instrument :
 MSVOA_D
 ClientSampleId :

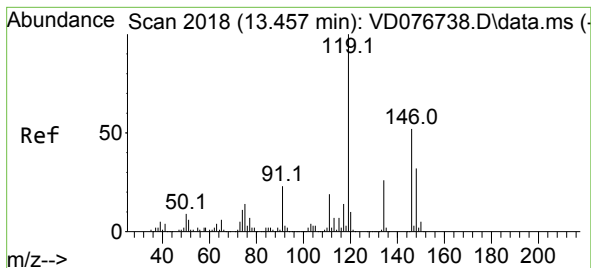
Tgt Ion:105 Resp: 7253592
 Ion Ratio Lower Upper
 105 100
 120 47.8 24.3 72.9



#85
 sec-Butylbenzene
 Concen: 567.368 ug/l
 RT: 13.210 min Scan# 1976
 Delta R.T. -0.135 min
 Lab File: VD076819.D
 Acq: 26 Jul 2023 21:32

Tgt Ion:105 Resp: 7253592
 Ion Ratio Lower Upper
 105 100
 134 0.0 10.9 32.9#





#86

p-Isopropyltoluene

Concen: 4.563 ug/l

RT: 13.457 min Scan# 2018

Delta R.T. 0.000 min

Lab File: VD076819.D

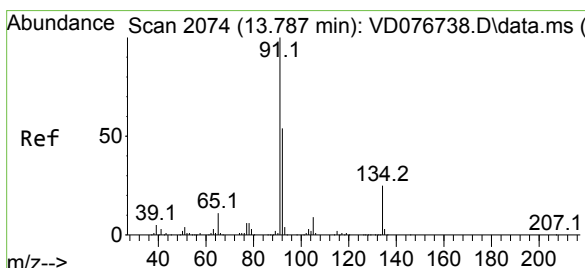
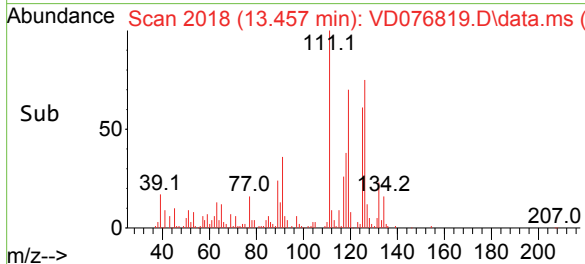
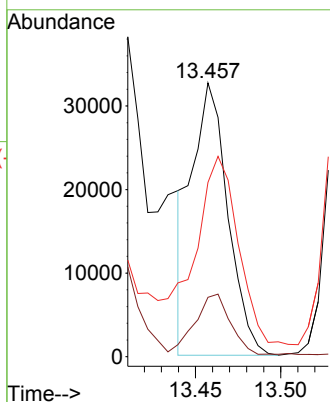
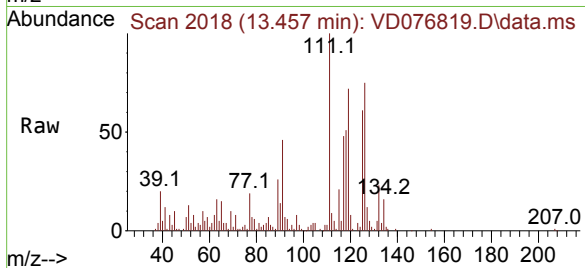
Acq: 26 Jul 2023 21:32

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion:	119	Resp:	48176
Ion	Ratio	Lower	Upper
119	100		
134	21.8	14.2	42.6
91	0.0	10.5	31.5#



#89

n-Butylbenzene

Concen: 4.344 ug/l

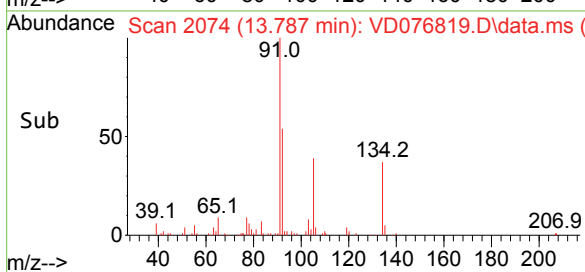
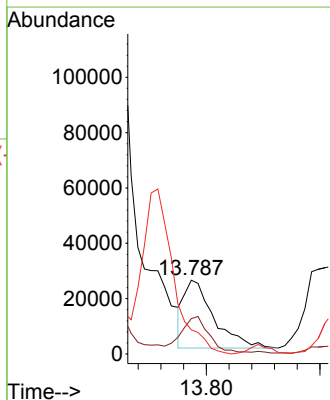
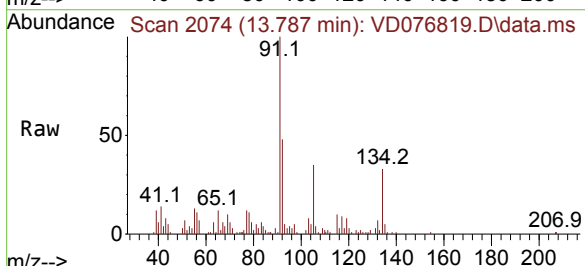
RT: 13.787 min Scan# 2074

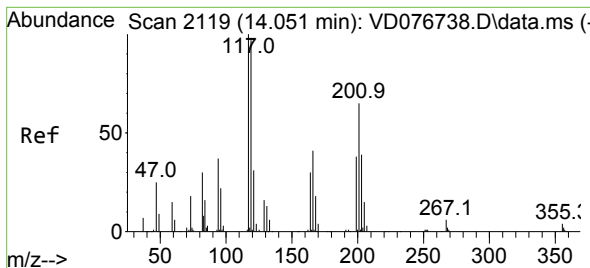
Delta R.T. -0.000 min

Lab File: VD076819.D

Acq: 26 Jul 2023 21:32

Tgt Ion:	91	Resp:	44878
Ion	Ratio	Lower	Upper
91	100		
92	47.3	26.5	79.5
134	0.0	13.8	41.3#





#90

Hexachloroethane

Concen: 151.551 ug/l

RT: 14.028 min Scan# 2115

Delta R.T. -0.023 min

Lab File: VD076819.D

Acq: 26 Jul 2023 21:32

Instrument :

MSVOA_D

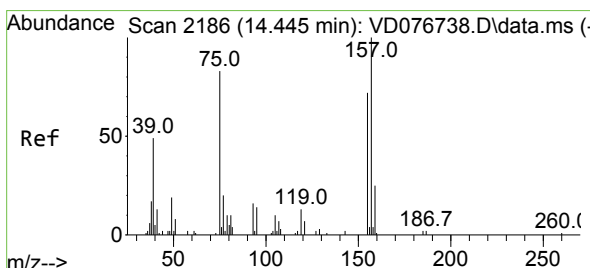
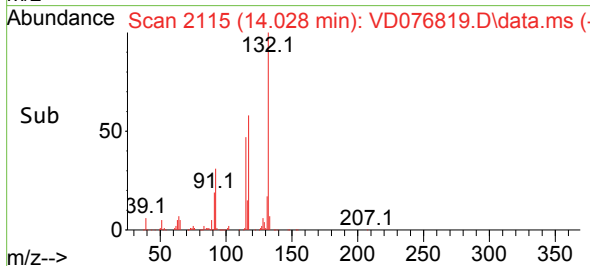
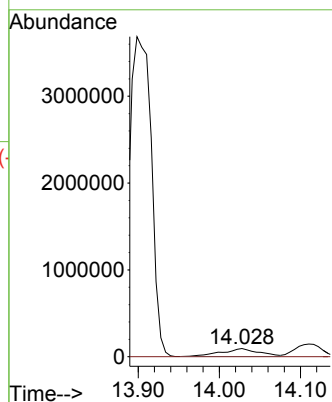
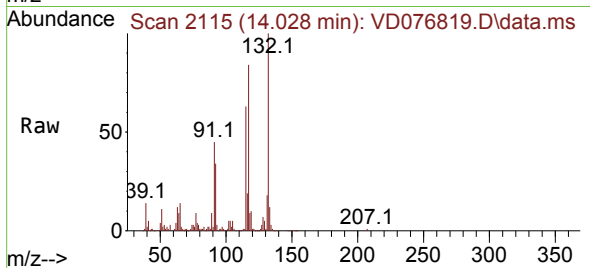
ClientSampleId :

Tgt Ion:117 Resp: 295827

Ion Ratio Lower Upper

117 100

201 0.0 38.5 115.5#



#92

1,2-Dibromo-3-Chloropropane

Concen: 69.768 ug/l

RT: 14.434 min Scan# 2184

Delta R.T. -0.011 min

Lab File: VD076819.D

Acq: 26 Jul 2023 21:32

Tgt Ion: 75 Resp: 25103

Ion Ratio Lower Upper

75 100

155 0.0 47.9 143.8#

157 0.0 59.9 179.7#

