

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD070722\
 Data File : VD073809.D
 Acq On : 07 Jul 2022 15:28
 Operator : VA/SY
 Sample : N3564-21RE
 Misc : 4.98G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 WC-16-2-5RE

Quant Time: Jul 07 15:57:51 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D070622S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 07 09:21:19 2022
 Response via : Initial Calibration

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

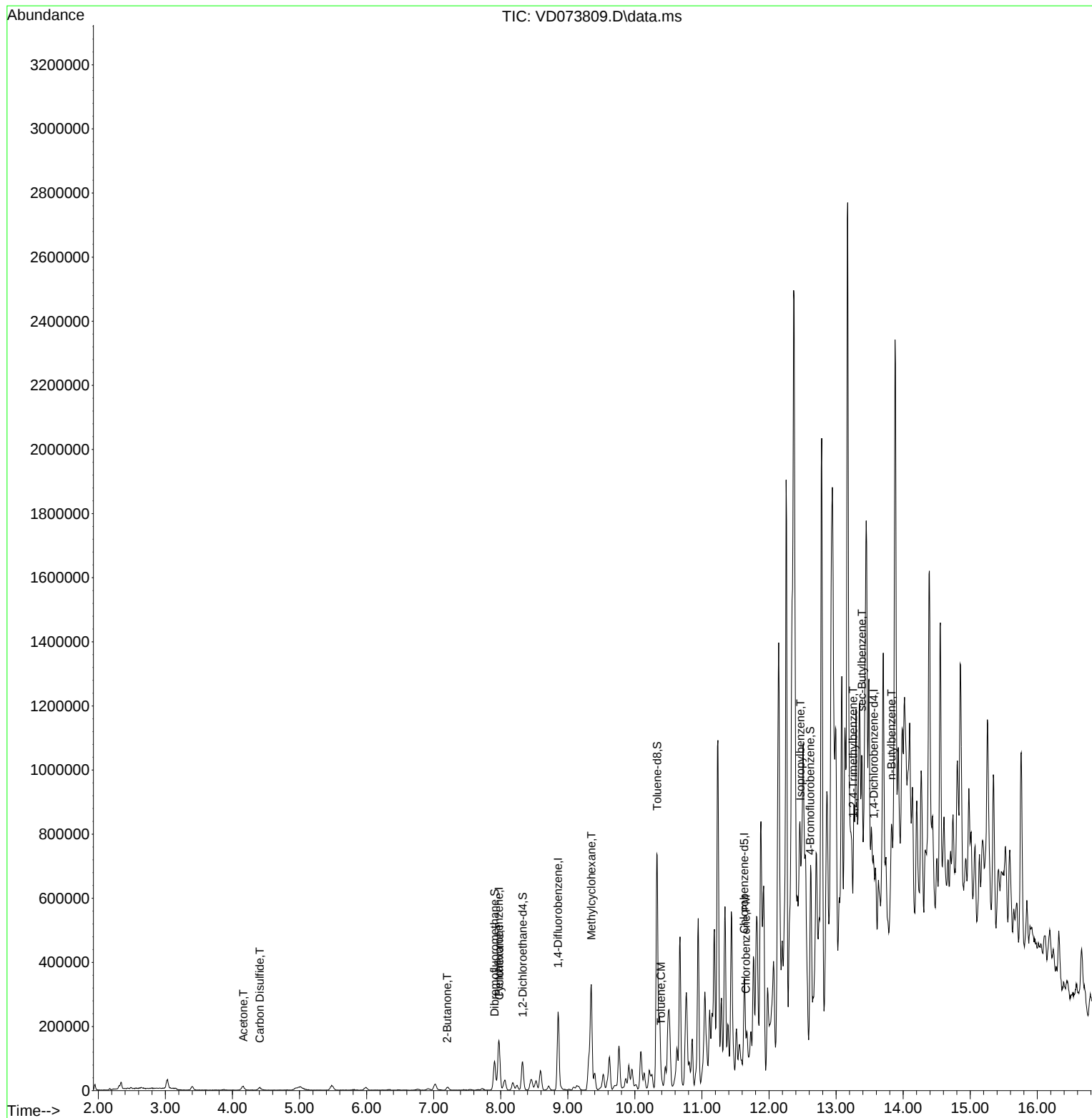
Internal Standards						
1) Pentafluorobenzene	7.973	168	76304	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	178343	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	141304	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	49271	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	70750	75.804	ug/l	0.00
Spiked Amount 50.000	Range	50 - 163	Recovery	=	151.600%	
35) Dibromofluoromethane	7.908	113	61738	56.573	ug/l	0.00
Spiked Amount 50.000	Range	54 - 147	Recovery	=	113.140%	
50) Toluene-d8	10.332	98	231664	63.587	ug/l	0.00
Spiked Amount 50.000	Range	78 - 12	Recovery	=	127.180%#	
62) 4-Bromofluorobenzene	12.614	95	87594	59.380	ug/l	0.00
Spiked Amount 50.000	Range	50 - 14	Recovery	=	118.760%#	
Target Compounds						
					Qvalue	
16) Acetone	4.162	43	21116	113.746	ug/l	96
17) Carbon Disulfide	4.409	76	14124	12.432	ug/l #	94
25) 2-Butanone	7.203	43	14227	47.236	ug/l	96
31) Cyclohexane	7.979	56	25776	23.256	ug/l	89
39) Methylcyclohexane	9.350	83	128121	88.768	ug/l	93
52) Toluene	10.391	92	11478	4.249	ug/l	93
65) Chlorobenzene	11.655	112	3569	1.339	ug/l	98
73) Isopropylbenzene	12.467	105	75844	20.085	ug/l	97
84) 1,2,4-Trimethylbenzene	13.255	105	11814	3.833	ug/l	99
85) sec-Butylbenzene	13.385	105	79163	18.895	ug/l #	70
89) n-Butylbenzene	13.826	91	54760	16.024	ug/l	93

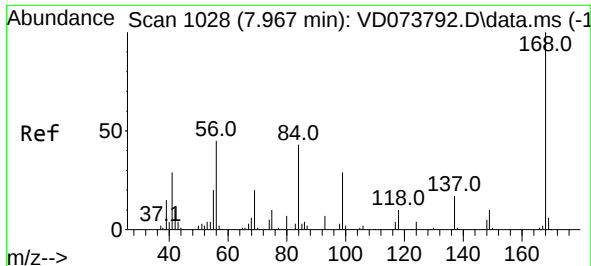
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD070722\
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Quant Title : SW846 8260
QLast Update : Thu Jul 07 09:21:19 2022
Response via : Initial Calibration

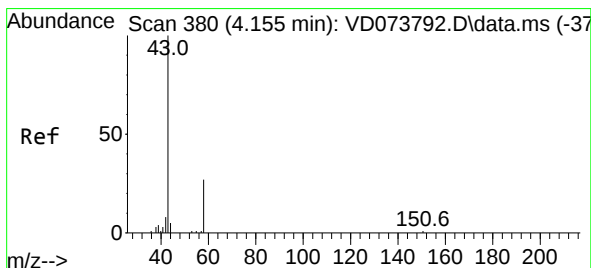
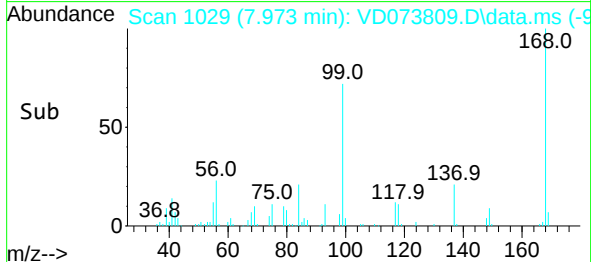
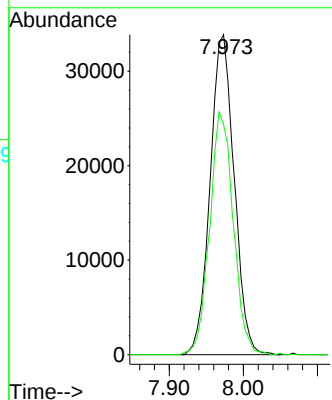
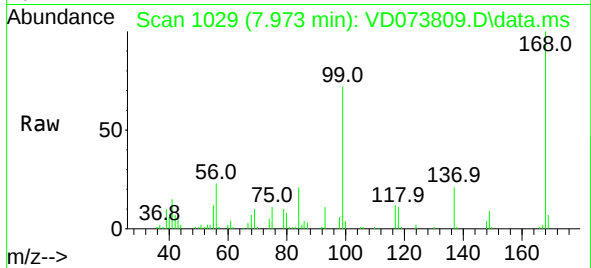




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1028
Delta R.T. 0.006 min
Lab File: VD073809.D
Acq: 07 Jul 2022 15:28

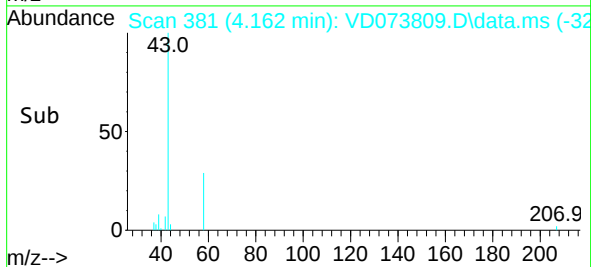
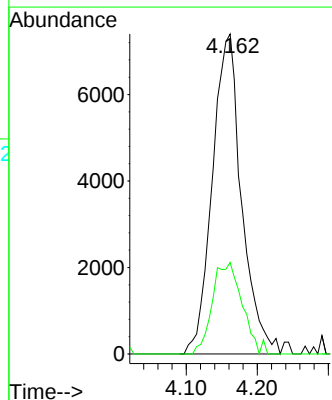
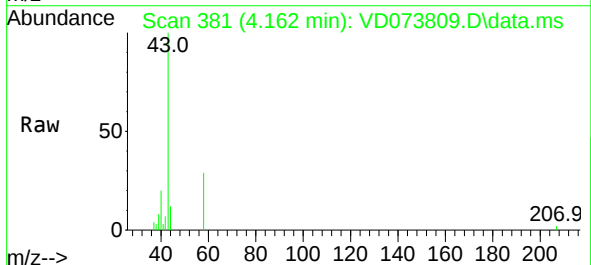
Instrument :
MSVOA_D
ClientSampleId :
WC-16-2-5RE

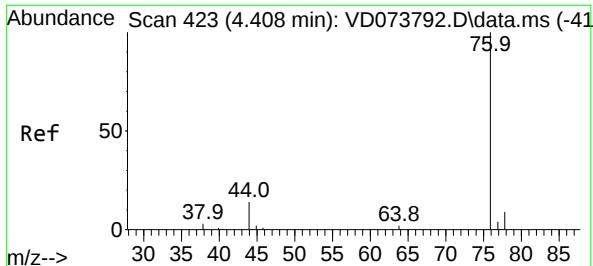
Tgt Ion:168 Resp: 76304
Ion Ratio Lower Upper
168 100
99 71.9 58.4 87.6



#16
Acetone
Concen: 113.746 ug/l
RT: 4.162 min Scan# 381
Delta R.T. 0.006 min
Lab File: VD073809.D
Acq: 07 Jul 2022 15:28

Tgt Ion: 43 Resp: 21116
Ion Ratio Lower Upper
43 100
58 28.6 21.3 31.9

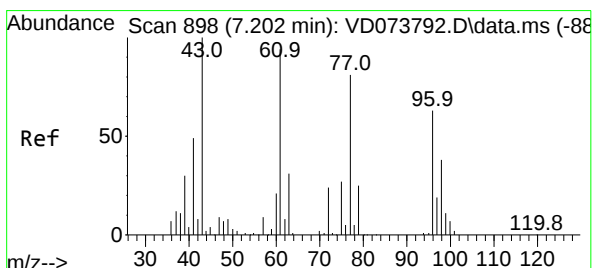
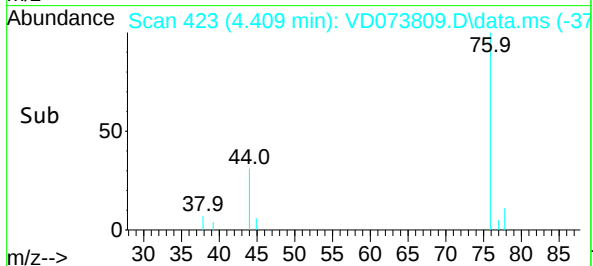
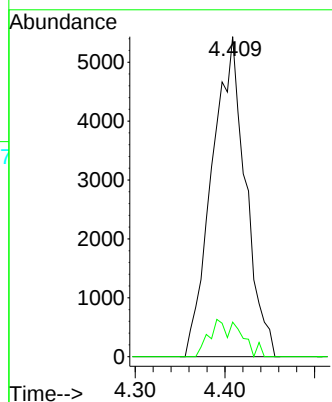
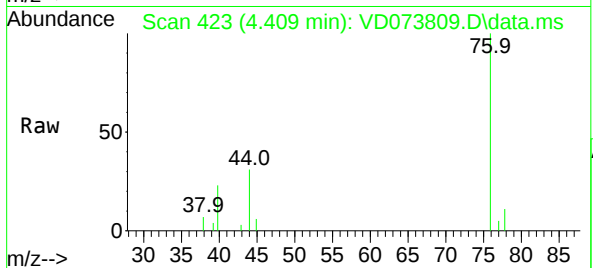




#17
Carbon Disulfide
Concen: 12.432 ug/l
RT: 4.409 min Scan# 41
Delta R.T. 0.001 min
Lab File: VD073809.D
Acq: 07 Jul 2022 15:28

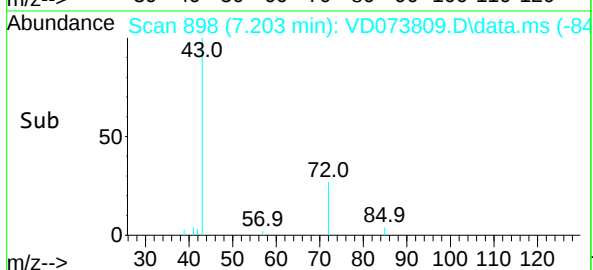
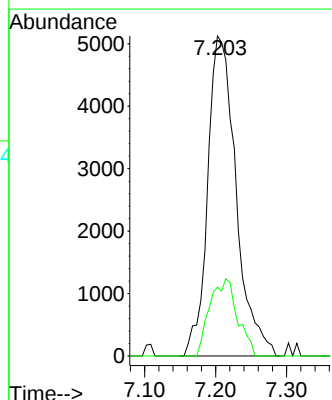
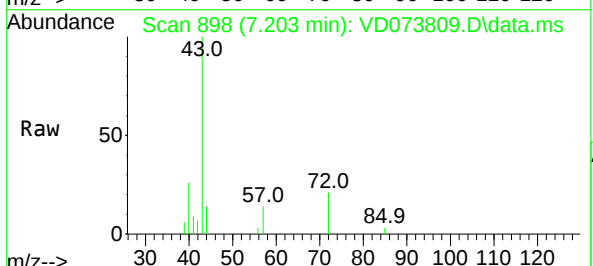
Instrument :
MSVOA_D
ClientSampleId :
WC-16-2-5RE

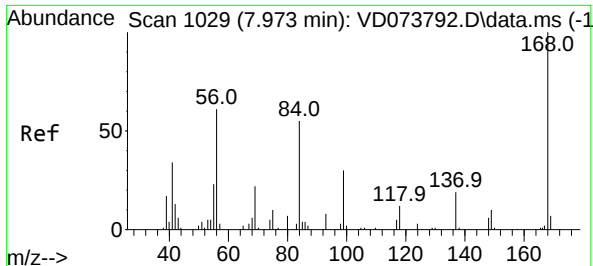
Tgt Ion: 76 Resp: 14124
Ion Ratio Lower Upper
76 100
78 10.8 6.8 10.2#



#25
2-Butanone
Concen: 47.236 ug/l
RT: 7.203 min Scan# 898
Delta R.T. 0.000 min
Lab File: VD073809.D
Acq: 07 Jul 2022 15:28

Tgt Ion: 43 Resp: 14227
Ion Ratio Lower Upper
43 100
72 21.5 18.8 28.2

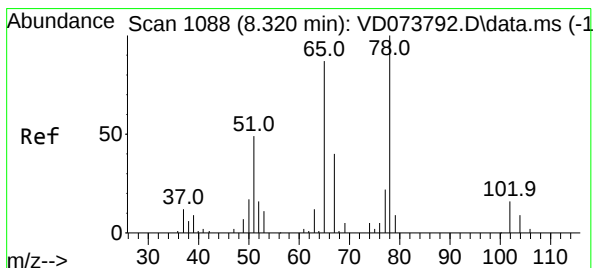
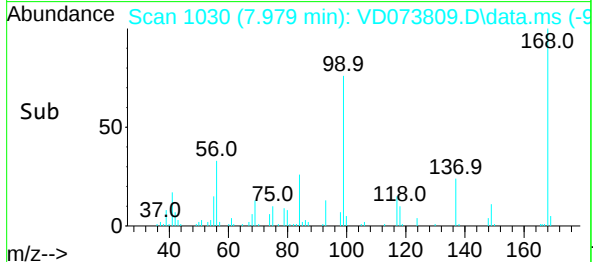
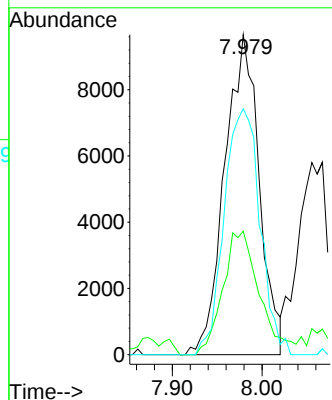
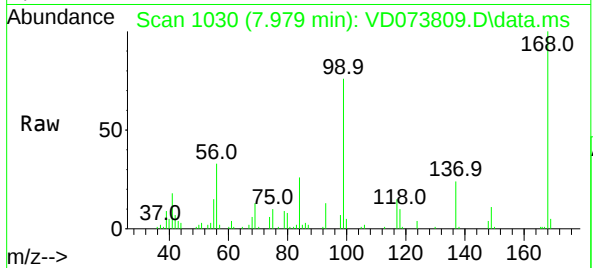




#31
Cyclohexane
Concen: 23.256 ug/l
RT: 7.979 min Scan# 1029
Delta R.T. 0.006 min
Lab File: VD073809.D
Acq: 07 Jul 2022 15:28

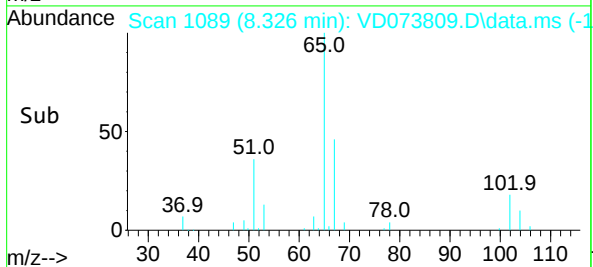
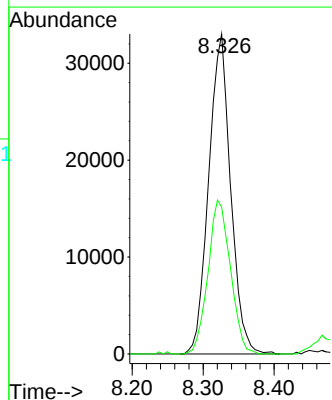
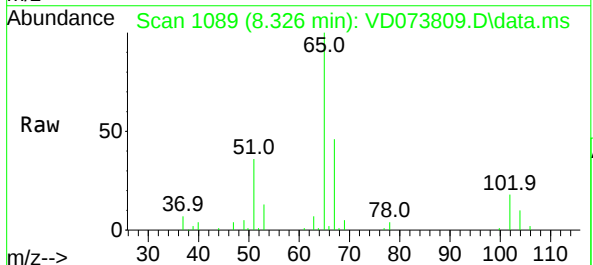
Instrument :
MSVOA_D
ClientSampleId :
WC-16-2-5RE

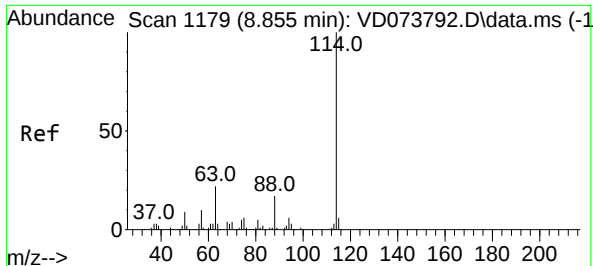
Tgt Ion: 56 Resp: 25776
Ion Ratio Lower Upper
56 100
69 38.6 29.4 44.2
84 76.8 72.1 108.1



#33
1,2-Dichloroethane-d4
Concen: 75.804 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. 0.006 min
Lab File: VD073809.D
Acq: 07 Jul 2022 15:28

Tgt Ion: 65 Resp: 70750
Ion Ratio Lower Upper
65 100
67 49.2 0.0 105.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.855 min Scan# 1179

Delta R.T. 0.000 min

Lab File: VD073809.D

Acq: 07 Jul 2022 15:28

Instrument :

MSVOA_D

ClientSampleId :

WC-16-2-5RE

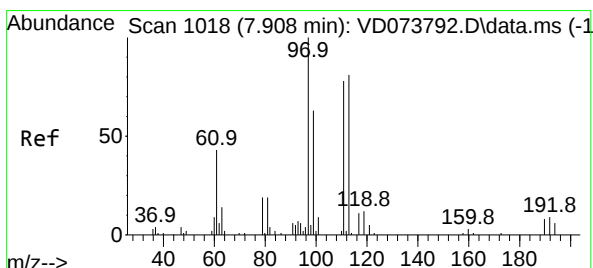
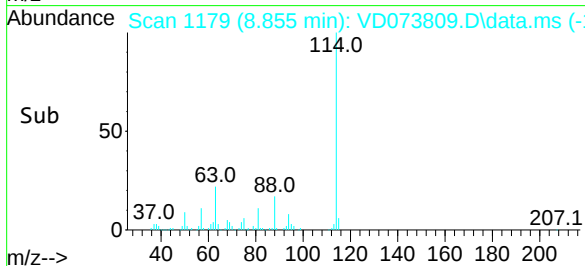
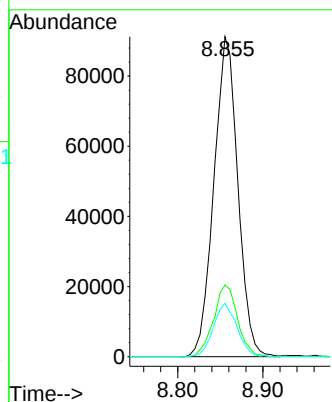
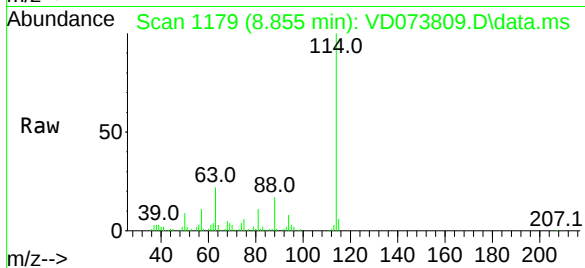
Tgt Ion:114 Resp: 178343

Ion Ratio Lower Upper

114 100

63 22.4 0.0 44.2

88 16.7 0.0 33.6



#35

Dibromofluoromethane

Concen: 56.573 ug/l

RT: 7.908 min Scan# 1018

Delta R.T. 0.000 min

Lab File: VD073809.D

Acq: 07 Jul 2022 15:28

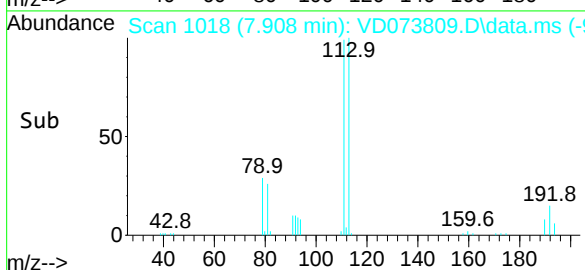
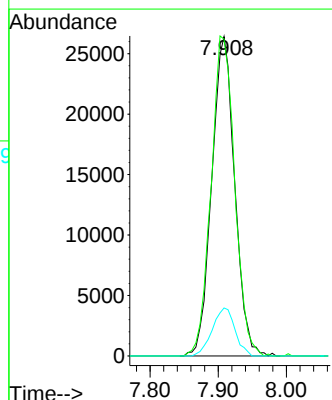
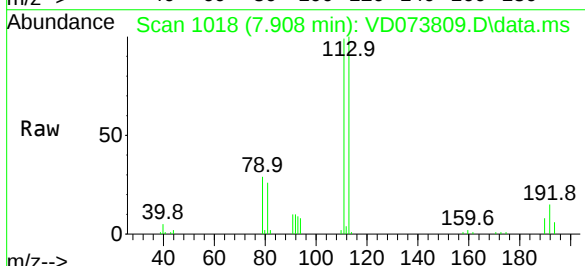
Tgt Ion:113 Resp: 61738

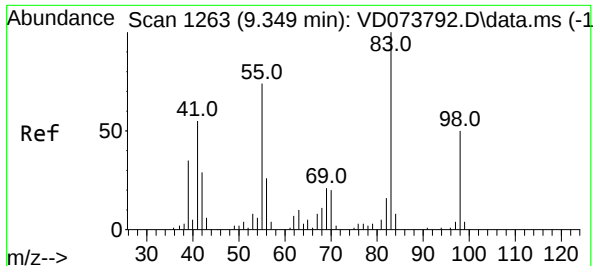
Ion Ratio Lower Upper

113 100

111 103.2 82.7 124.1

192 14.9 11.7 17.5





#39

Methylcyclohexane

Concen: 88.768 ug/l

RT: 9.350 min Scan# 11

Delta R.T. 0.000 min

Lab File: VD073809.D

Acq: 07 Jul 2022 15:28

Instrument :

MSVOA_D

ClientSampleId :

WC-16-2-5RE

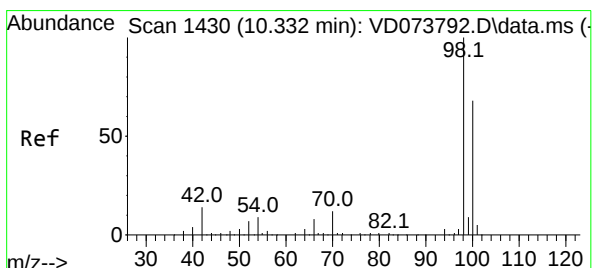
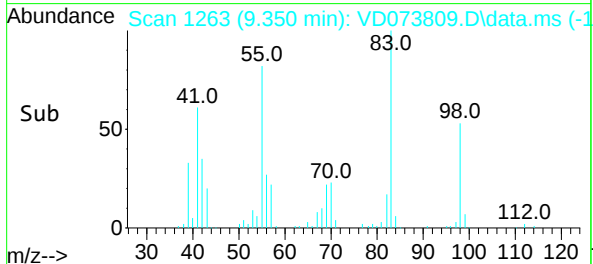
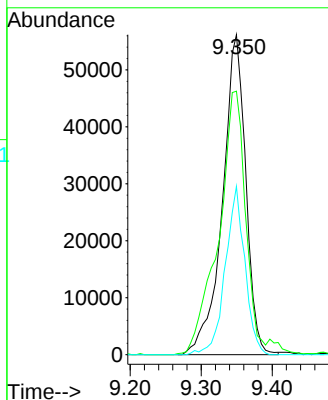
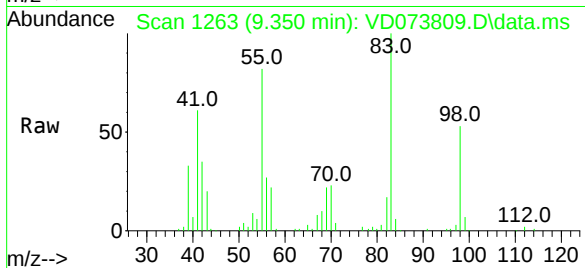
Tgt Ion: 83 Resp: 128121

Ion Ratio Lower Upper

83 100

55 82.0 59.3 88.9

98 52.6 40.4 60.6



#50

Toluene-d8

Concen: 63.587 ug/l

RT: 10.332 min Scan# 1430

Delta R.T. 0.000 min

Lab File: VD073809.D

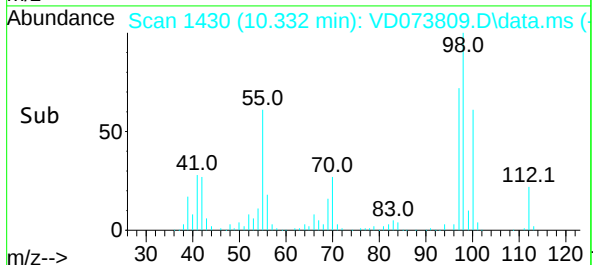
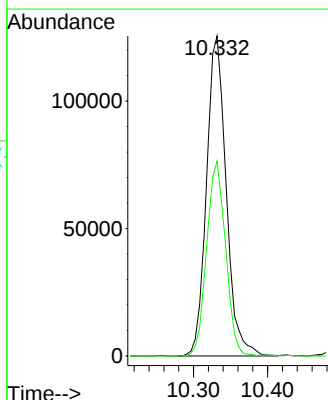
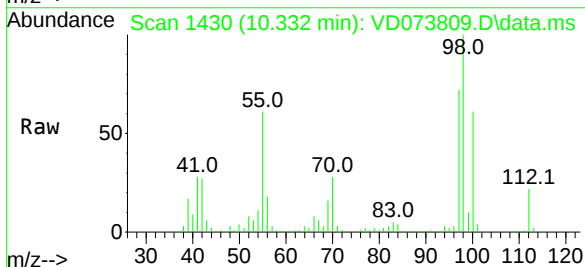
Acq: 07 Jul 2022 15:28

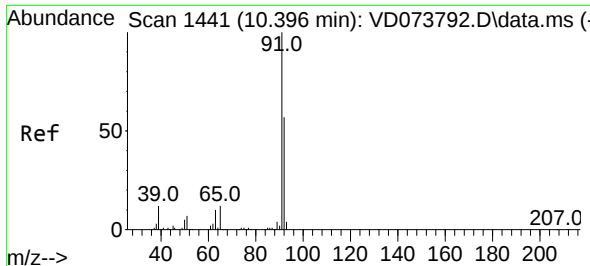
Tgt Ion: 98 Resp: 231664

Ion Ratio Lower Upper

98 100

100 58.7 51.9 77.9

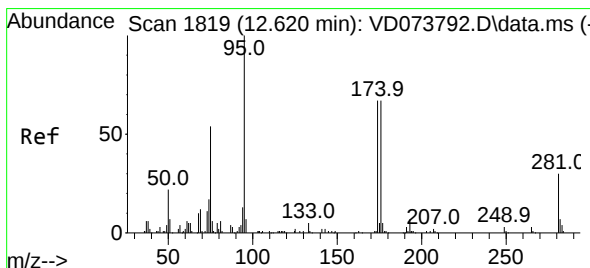
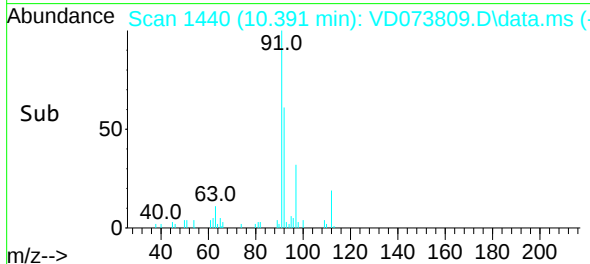
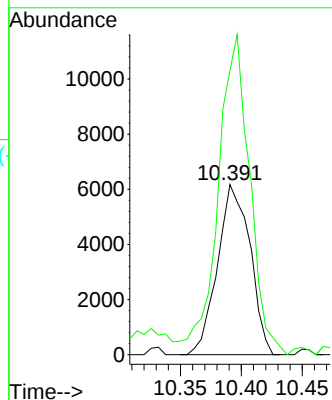
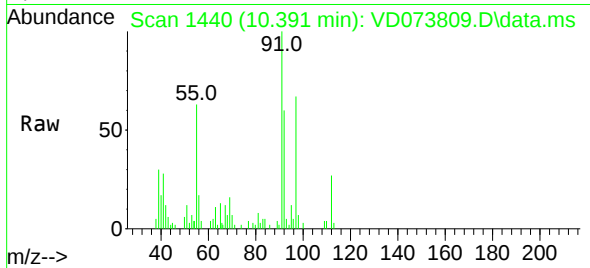




#52
Toluene
Concen: 4.249 ug/l
RT: 10.391 min Scan# 1441
Delta R.T. -0.006 min
Lab File: VD073809.D
Acq: 07 Jul 2022 15:28

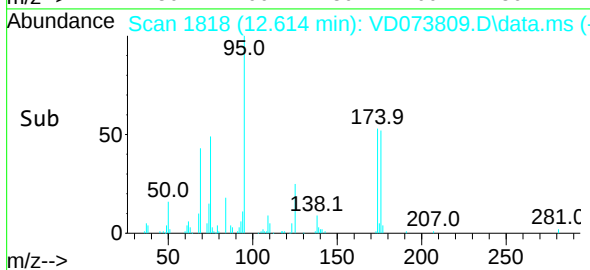
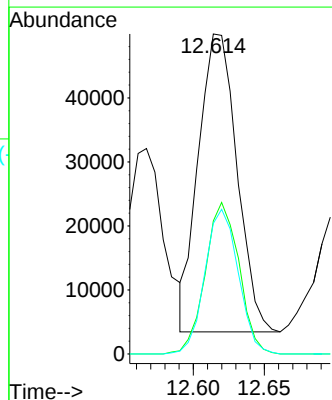
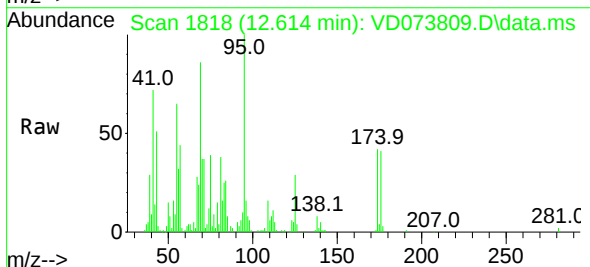
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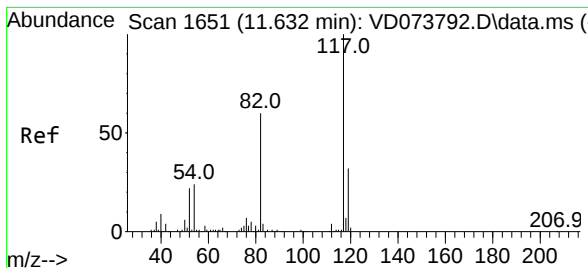
Tgt Ion: 92 Resp: 11478
Ion Ratio Lower Upper
92 100
91 182.0 137.4 206.0



#62
4-Bromofluorobenzene
Concen: 59.380 ug/l
RT: 12.614 min Scan# 1818
Delta R.T. -0.006 min
Lab File: VD073809.D
Acq: 07 Jul 2022 15:28

Tgt Ion: 95 Resp: 87594
Ion Ratio Lower Upper
95 100
174 44.6 0.0 132.4
176 42.2 0.0 129.0

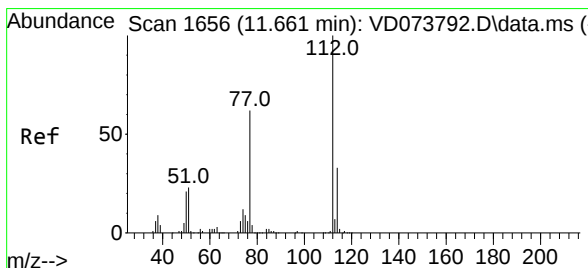
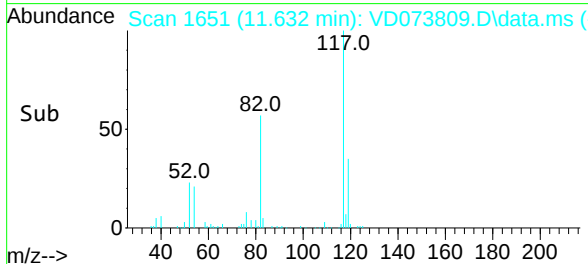
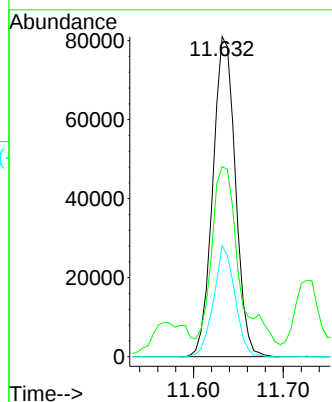
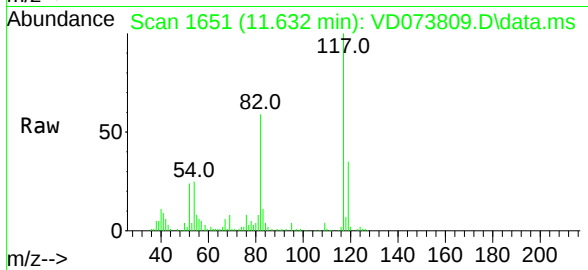




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.632 min Scan# 1
Delta R.T. 0.000 min
Lab File: VD073809.D
Acq: 07 Jul 2022 15:28

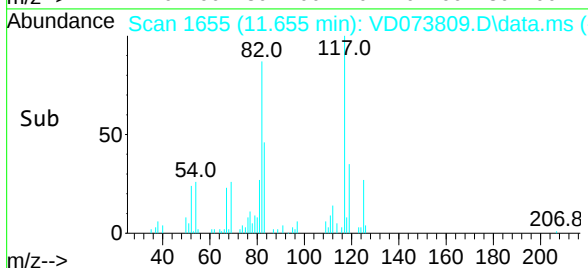
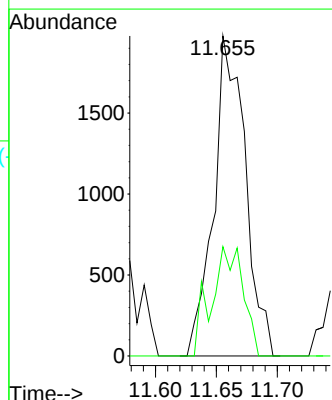
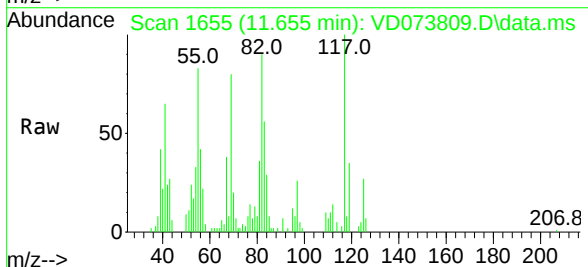
Instrument :
MSVOA_D
ClientSampleId :
WC-16-2-5RE

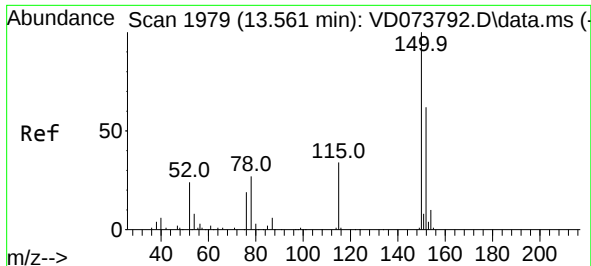
Tgt Ion:117 Resp: 141304
Ion Ratio Lower Upper
117 100
82 55.6 48.2 72.2
119 34.7 25.2 37.8



#65
Chlorobenzene
Concen: 1.339 ug/l
RT: 11.655 min Scan# 1655
Delta R.T. -0.006 min
Lab File: VD073809.D
Acq: 07 Jul 2022 15:28

Tgt Ion:112 Resp: 3569
Ion Ratio Lower Upper
112 100
114 34.2 26.6 39.8

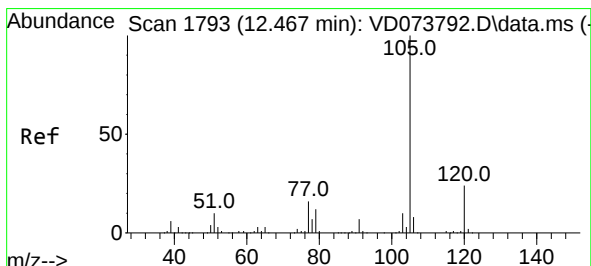
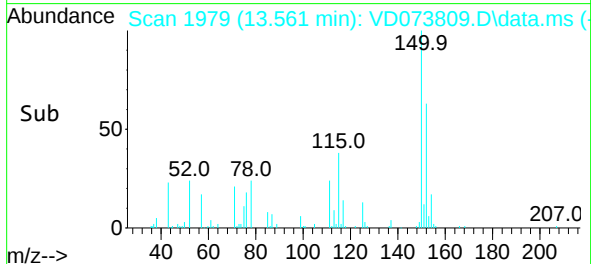
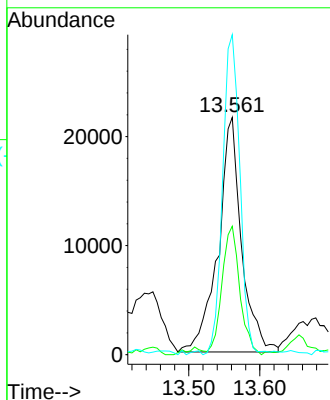
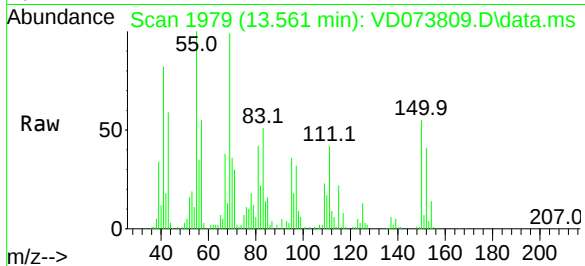




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. 0.000 min
Lab File: VD073809.D
Acq: 07 Jul 2022 15:28

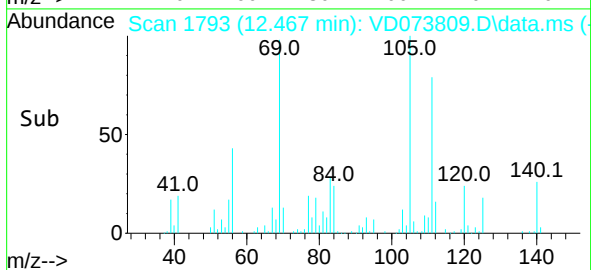
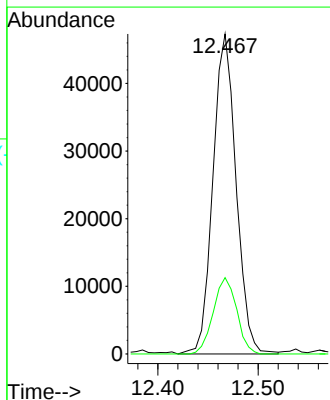
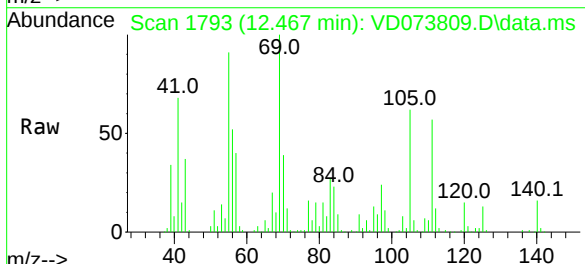
Instrument :
MSVOA_D
ClientSampleId :
WC-16-2-5RE

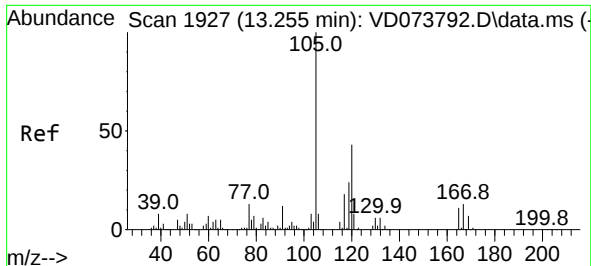
Tgt Ion:152 Resp: 49271
Ion Ratio Lower Upper
152 100
115 41.7 32.2 96.6
150 100.2 0.0 353.0



#73
Isopropylbenzene
Concen: 20.085 ug/l
RT: 12.467 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VD073809.D
Acq: 07 Jul 2022 15:28

Tgt Ion:105 Resp: 75844
Ion Ratio Lower Upper
105 100
120 24.1 12.9 38.7

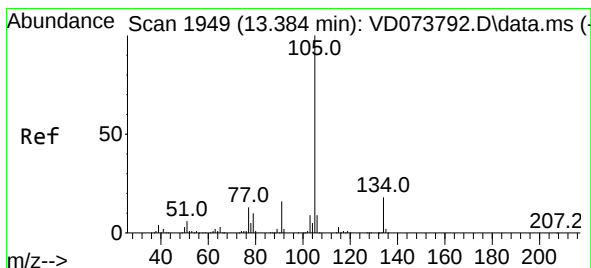
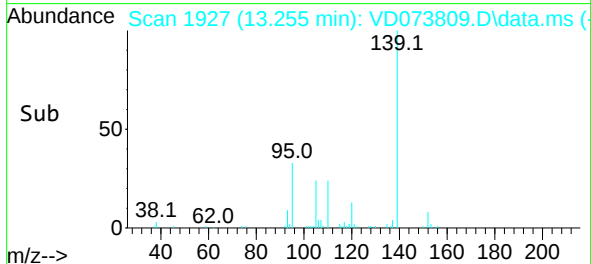
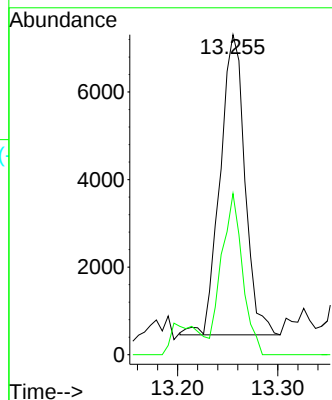
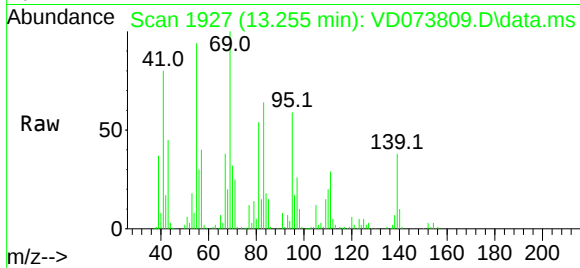




#84
1,2,4-Trimethylbenzene
Concen: 3.833 ug/l
RT: 13.255 min Scan# 1927
Delta R.T. 0.000 min
Lab File: VD073809.D
Acq: 07 Jul 2022 15:28

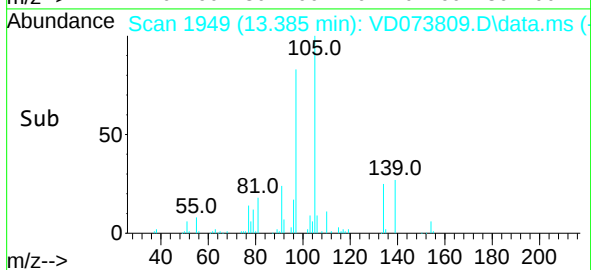
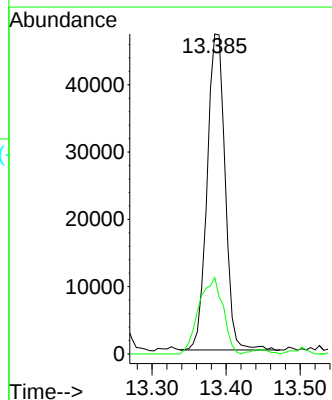
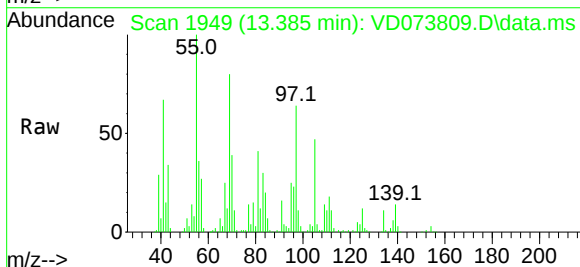
Instrument :
MSVOA_D
ClientSampleId :
WC-16-2-5RE

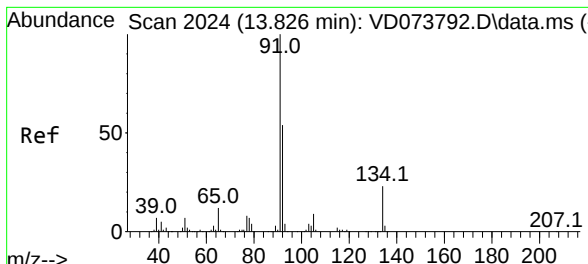
Tgt Ion:105 Resp: 11814
Ion Ratio Lower Upper
105 100
120 45.1 22.1 66.5



#85
sec-Butylbenzene
Concen: 18.895 ug/l
RT: 13.385 min Scan# 1949
Delta R.T. 0.000 min
Lab File: VD073809.D
Acq: 07 Jul 2022 15:28

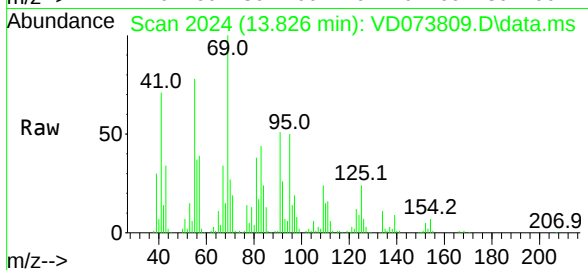
Tgt Ion:105 Resp: 79163
Ion Ratio Lower Upper
105 100
134 32.3 9.4 28.2#





#89
 n-Butylbenzene
 Concen: 16.024 ug/l
 RT: 13.826 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VD073809.D
 Acq: 07 Jul 2022 15:28

Instrument :
 MSVOA_D
 ClientSampleId :
 WC-16-2-5RE



Tgt Ion: 91	Resp: 54760
Ion Ratio	Lower Upper
91	100
92	51.9 26.9 80.6
134	32.3 11.9 35.9

