

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD061022\
 Data File : VD073528.D
 Acq On : 10 Jun 2022 15:05
 Operator : VA/SY
 Sample : N3251-01
 Misc : 5.07G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 NB-8-060822

Quant Time: Jun 10 23:06:06 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D060922S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 09 12:33:32 2022
 Response via : Initial Calibration

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

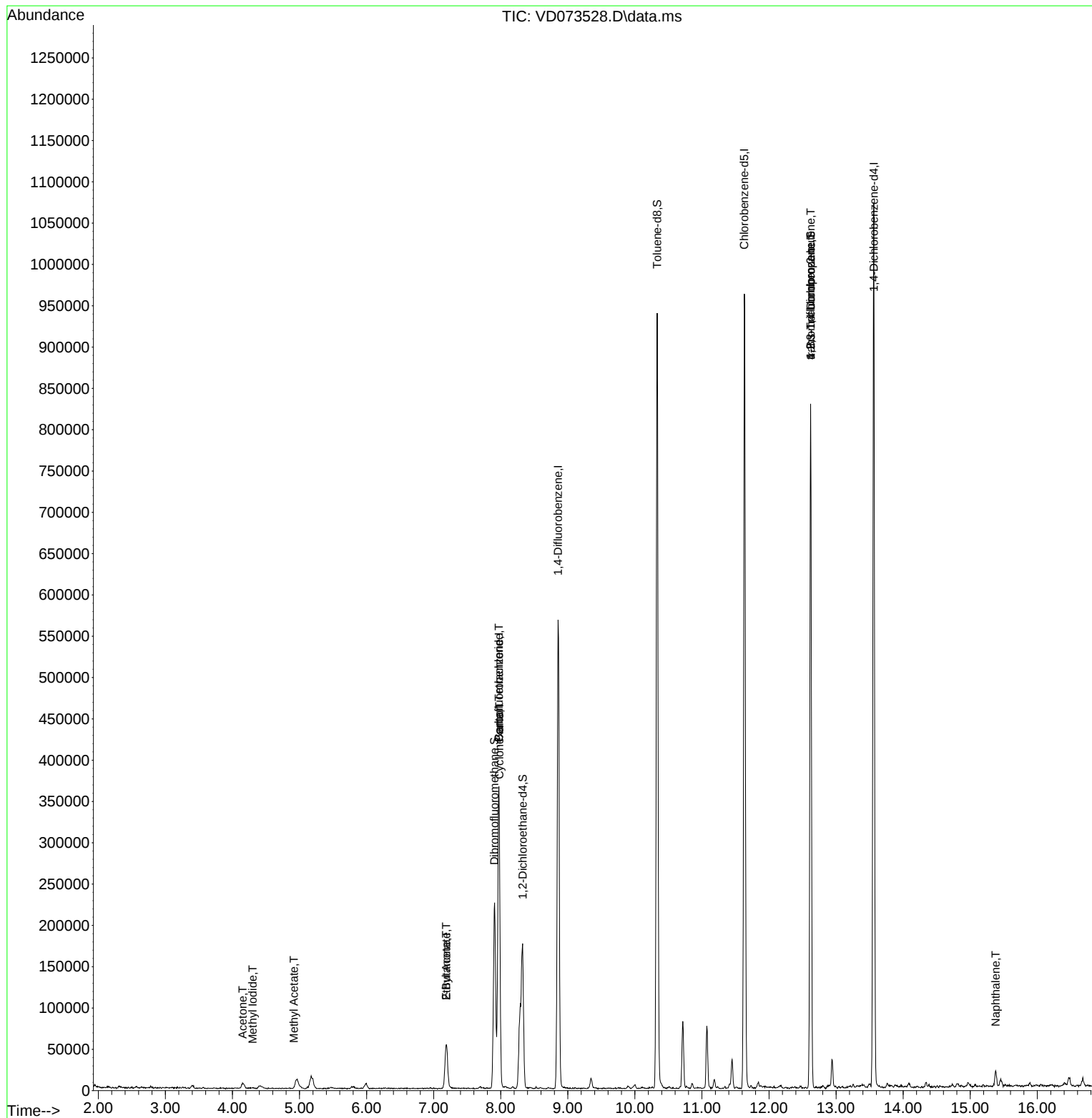
Internal Standards						
1) Pentafluorobenzene	7.973	168	272049	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.856	114	508732	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	573186	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	285790	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	134378	46.029	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	92.060%		
35) Dibromofluoromethane	7.903	113	161937	49.502	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	99.000%		
50) Toluene-d8	10.332	98	639191	51.679	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	103.360%		
62) 4-Bromofluorobenzene	12.620	95	274960	61.237	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	122.480%		
Target Compounds						
					Qvalue	
10) Methyl Iodide	4.303	142	1196	4.499	ug/l #	67
11) Tert butyl alcohol	5.173	59	8367	Below Cal	#	74
16) Acetone	4.150	43	11983	23.311	ug/l	91
18) Methyl Acetate	4.915	43	78	1.422	ug/l #	55
20) Methylene Chloride	4.968	84	8781	Below Cal	#	75
25) 2-Butanone	7.185	43	2954	3.906	ug/l #	86
31) Cyclohexane	7.979	56	6475	1.317	ug/l #	24
37) Ethyl Acetate	7.185	43	2954	1.488	ug/l #	33
38) Carbon Tetrachloride	7.973	117	29089	5.659	ug/l #	16
76) 1,2,3-Trichloropropane	12.620	75	135959	48.971	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.620	75	135959	114.942	ug/l #	7
95) Naphthalene	15.379	128	17984	5.799	ug/l	98

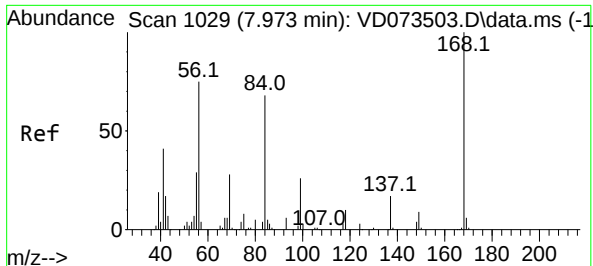
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Jun 10 23:06:06 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D060922S.M
Quant Title : SW846 8260
QLast Update : Thu Jun 09 12:33:32 2022
Response via : Initial Calibration

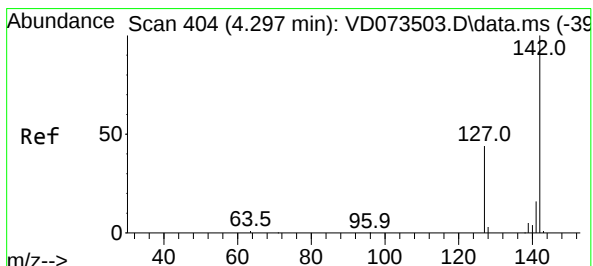
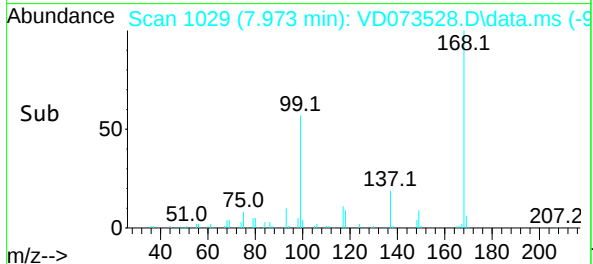
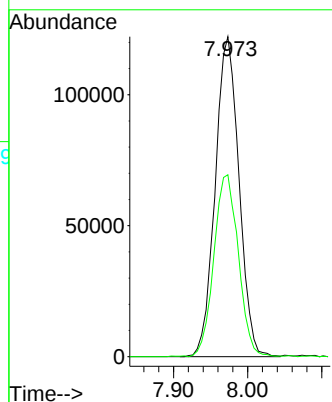
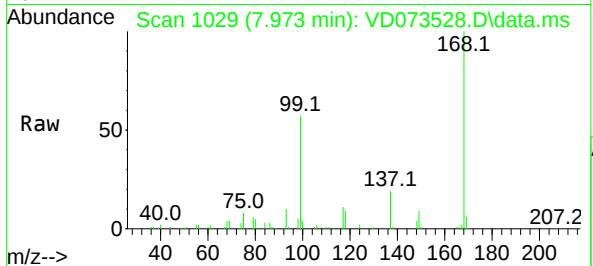




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. 0.000 min
Lab File: VD073528.D
Acq: 10 Jun 2022 15:05

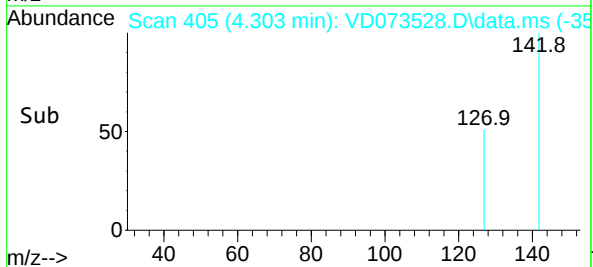
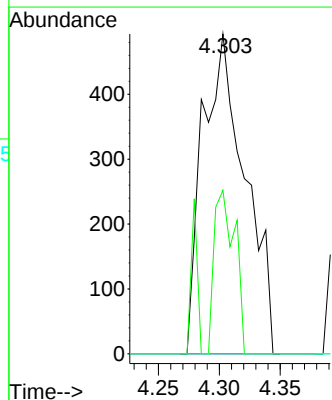
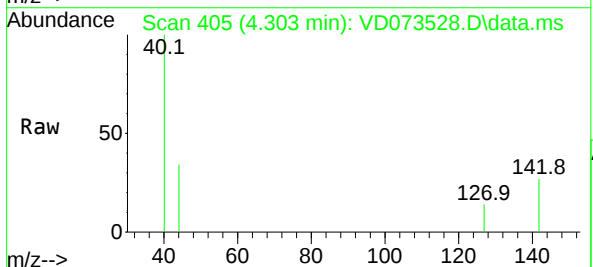
Instrument :
MSVOA_D
ClientSampleId :
NB-8-060822

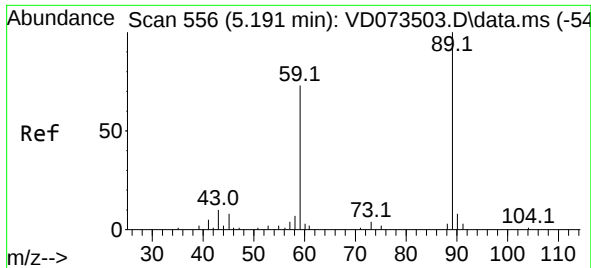
Tgt Ion:168 Resp: 272049
Ion Ratio Lower Upper
168 100
99 56.7 49.8 74.6



#10
Methyl Iodide
Concen: 4.499 ug/l
RT: 4.303 min Scan# 405
Delta R.T. 0.006 min
Lab File: VD073528.D
Acq: 10 Jun 2022 15:05

Tgt Ion:142 Resp: 1196
Ion Ratio Lower Upper
142 100
127 25.1 37.3 55.9#
141 0.0 11.7 17.5#

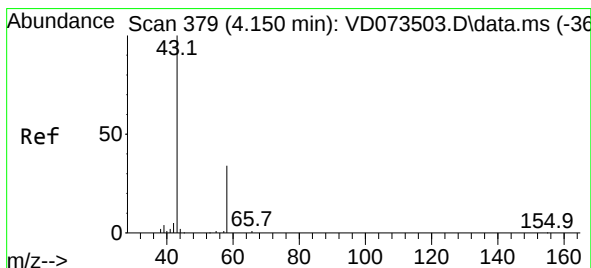
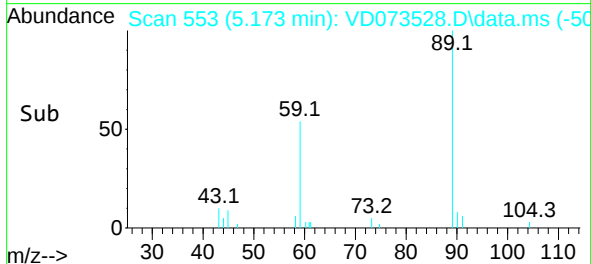
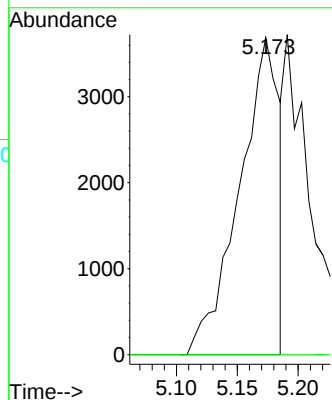
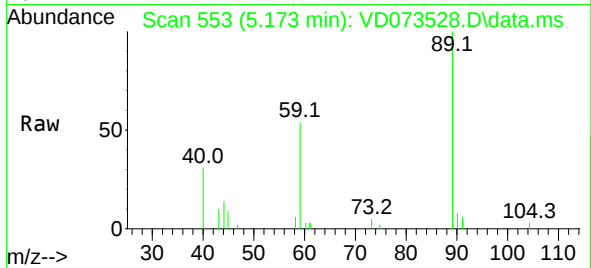




#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.173 min Scan# 511
Delta R.T. -0.018 min
Lab File: VD073528.D
Acq: 10 Jun 2022 15:05

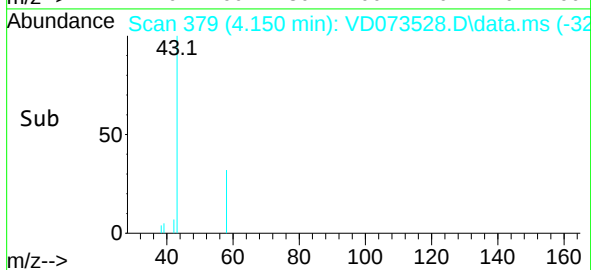
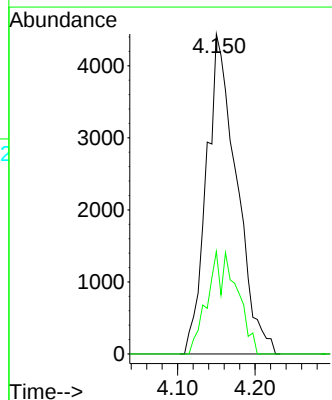
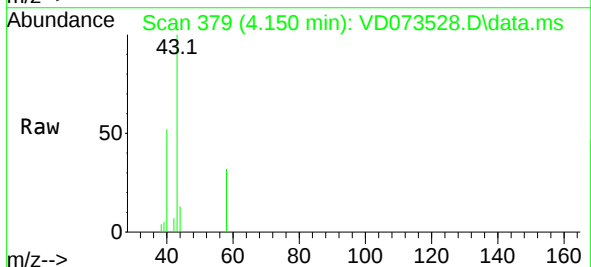
Instrument :
MSVOA_D
ClientSampleId :
NB-8-060822

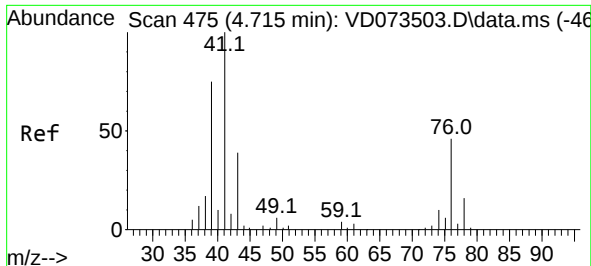
Tgt Ion: 59 Resp: 8367
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.6#



#16
Acetone
Concen: 23.311 ug/l
RT: 4.150 min Scan# 379
Delta R.T. -0.000 min
Lab File: VD073528.D
Acq: 10 Jun 2022 15:05

Tgt Ion: 43 Resp: 11983
Ion Ratio Lower Upper
43 100
58 32.1 22.1 33.1

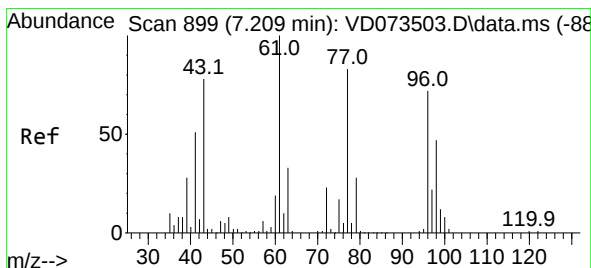
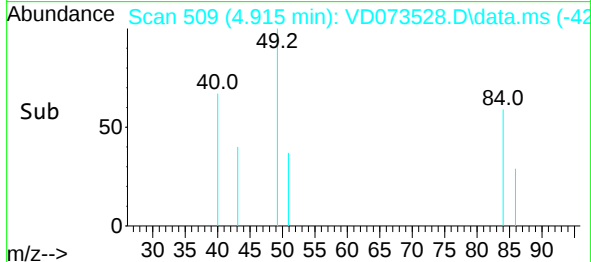
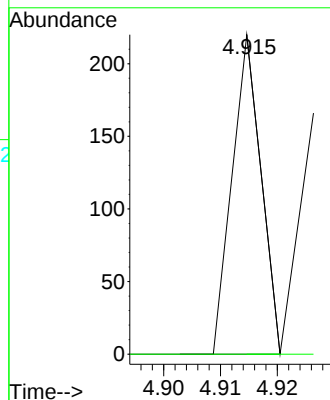
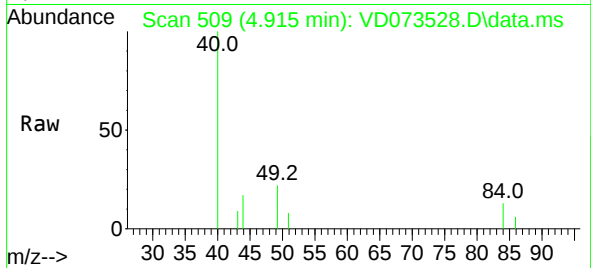




#18
Methyl Acetate
Concen: 1.422 ug/l
RT: 4.915 min Scan# 509
Delta R.T. 0.200 min
Lab File: VD073528.D
Acq: 10 Jun 2022 15:05

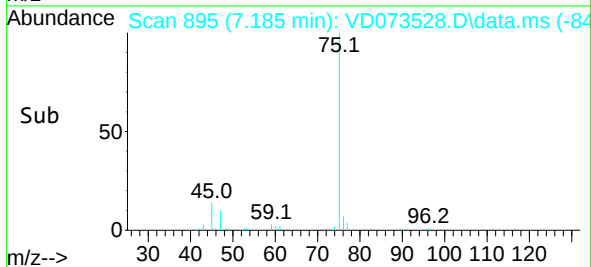
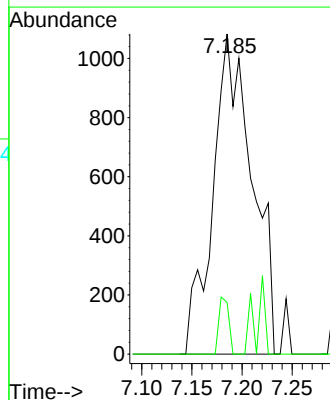
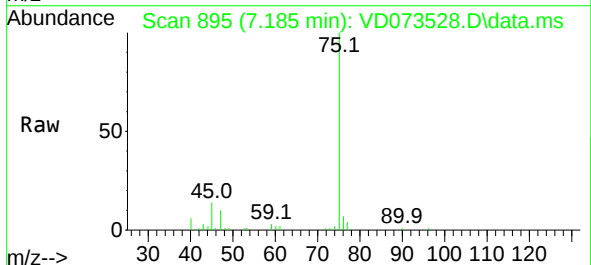
Instrument :
MSVOA_D
ClientSampleId :
NB-8-060822

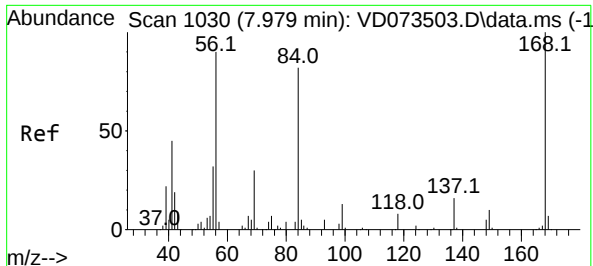
Tgt Ion: 43 Resp: 78
Ion Ratio Lower Upper
43 100
74 0.0 16.7 25.1#



#25
2-Butanone
Concen: 3.906 ug/l
RT: 7.185 min Scan# 895
Delta R.T. -0.024 min
Lab File: VD073528.D
Acq: 10 Jun 2022 15:05

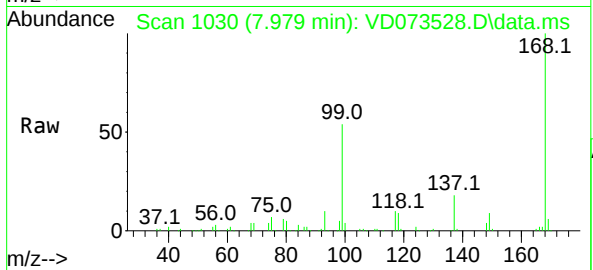
Tgt Ion: 43 Resp: 2954
Ion Ratio Lower Upper
43 100
72 16.2 18.6 27.8#



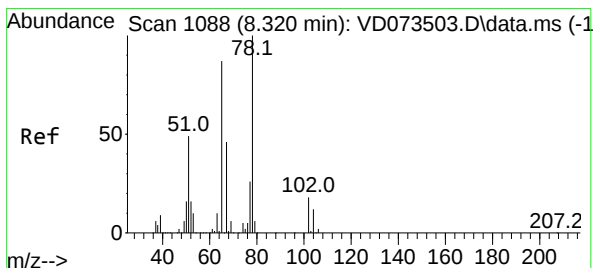
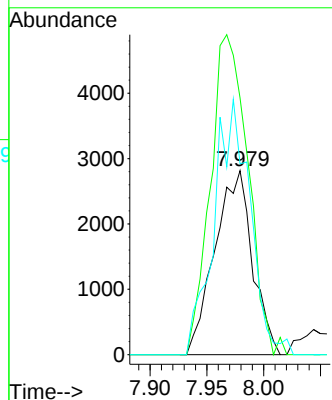
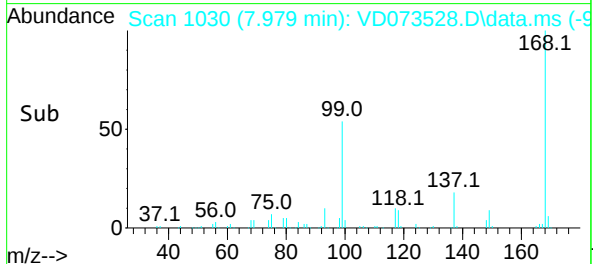


#31
Cyclohexane
Concen: 1.317 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD073528.D
Acq: 10 Jun 2022 15:05

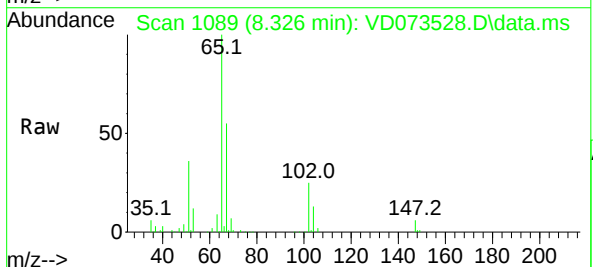
Instrument :
MSVOA_D
ClientSampleId :
NB-8-060822



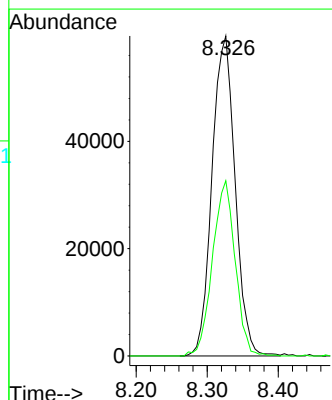
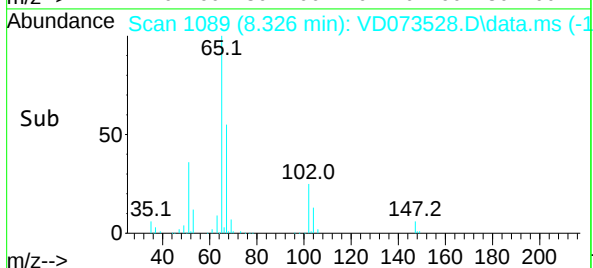
Tgt Ion: 56 Resp: 6475
Ion Ratio Lower Upper
56 100
69 139.5 25.4 38.2#
84 103.7 63.0 94.4#

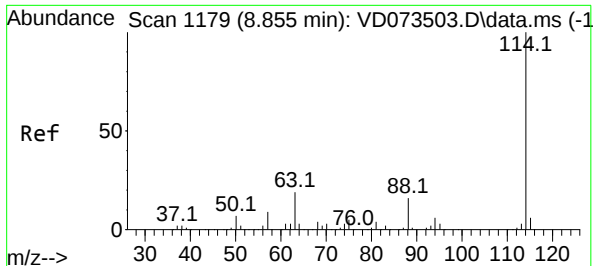


#33
1,2-Dichloroethane-d4
Concen: 46.029 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. 0.006 min
Lab File: VD073528.D
Acq: 10 Jun 2022 15:05



Tgt Ion: 65 Resp: 134378
Ion Ratio Lower Upper
65 100
67 53.9 0.0 101.4

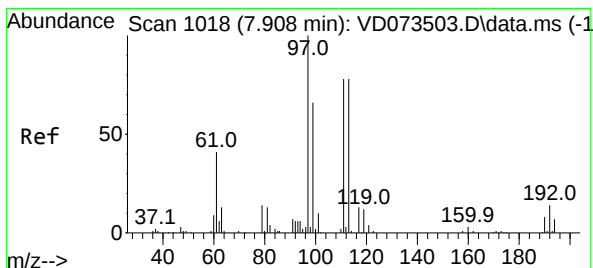
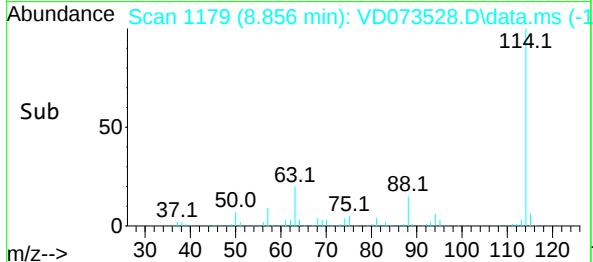
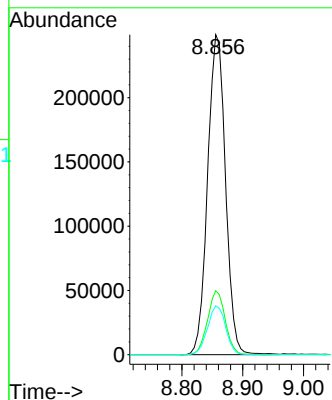
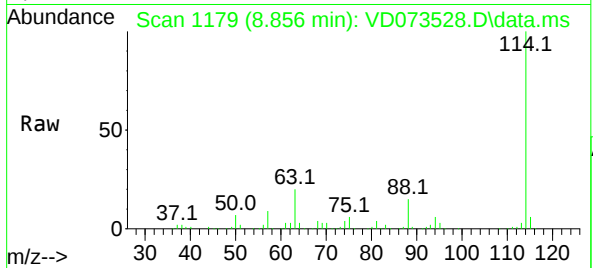




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.856 min Scan# 1179
Delta R.T. 0.001 min
Lab File: VD073528.D
Acq: 10 Jun 2022 15:05

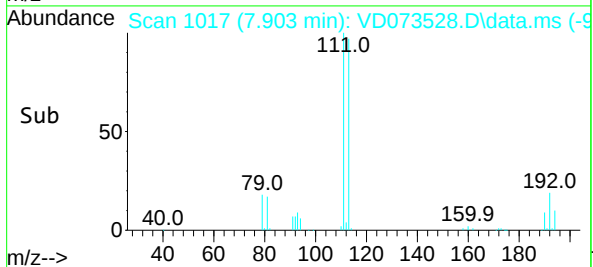
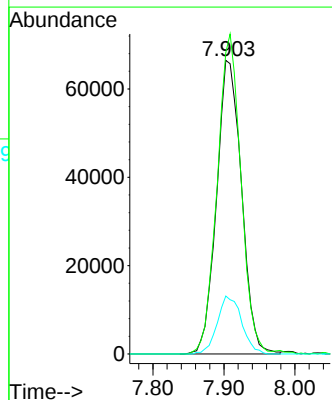
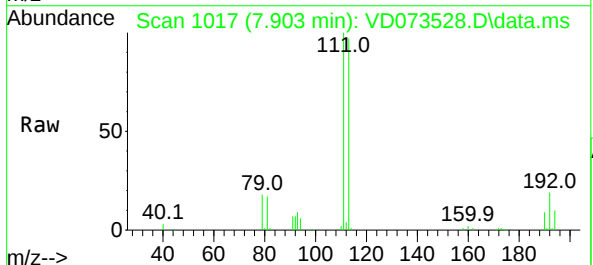
Instrument :
MSVOA_D
ClientSampleId :
NB-8-060822

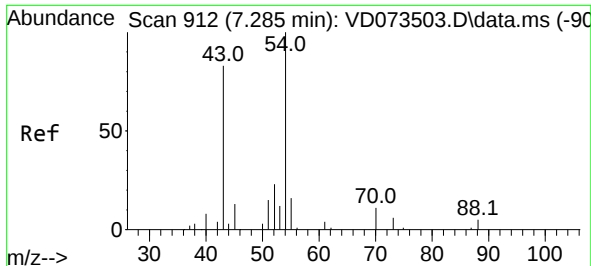
Tgt Ion:114 Resp: 508732
Ion Ratio Lower Upper
114 100
63 20.0 0.0 46.6
88 15.3 0.0 33.2



#35
Dibromofluoromethane
Concen: 49.502 ug/l
RT: 7.903 min Scan# 1017
Delta R.T. -0.005 min
Lab File: VD073528.D
Acq: 10 Jun 2022 15:05

Tgt Ion:113 Resp: 161937
Ion Ratio Lower Upper
113 100
111 103.6 83.8 125.6
192 19.2 14.6 21.8





#37

Ethyl Acetate

Concen: 1.488 ug/l

RT: 7.185 min Scan# 895

Delta R.T. -0.100 min

Lab File: VD073528.D

Acq: 10 Jun 2022 15:05

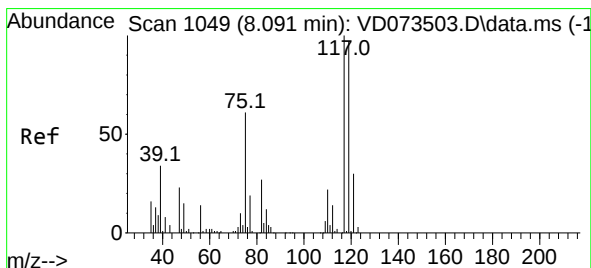
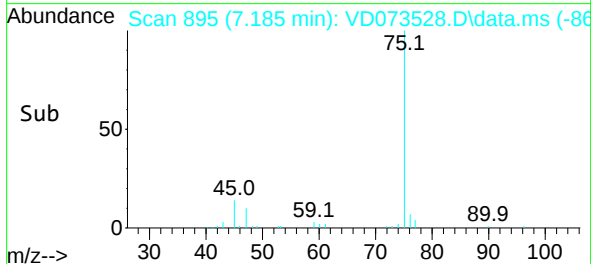
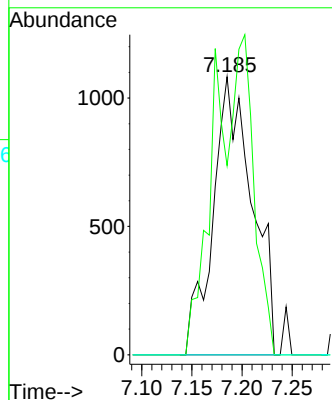
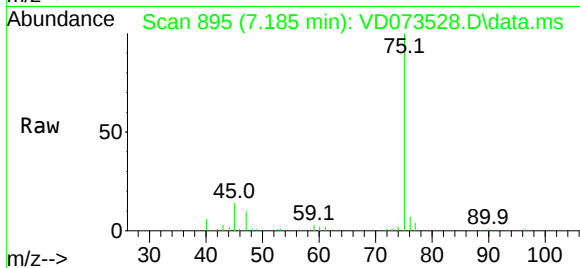
Instrument :

MSVOA_D

ClientSampleId :

NB-8-060822

Tgt Ion: 43	Resp: 2954
Ion Ratio	Lower Upper
43 100	
61 50.5	9.8 14.8#
70 0.0	6.9 10.3#



#38

Carbon Tetrachloride

Concen: 5.659 ug/l

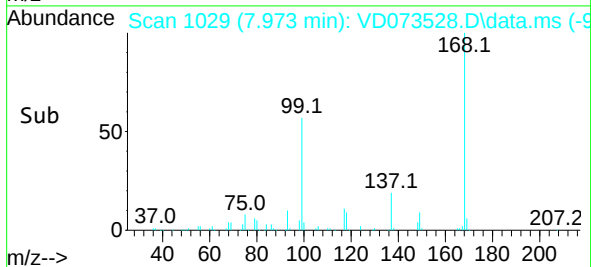
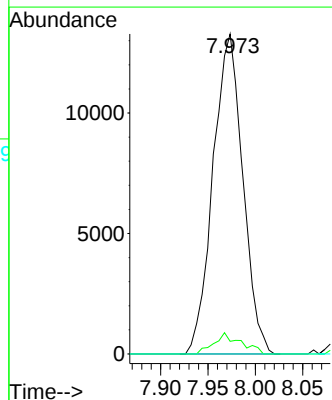
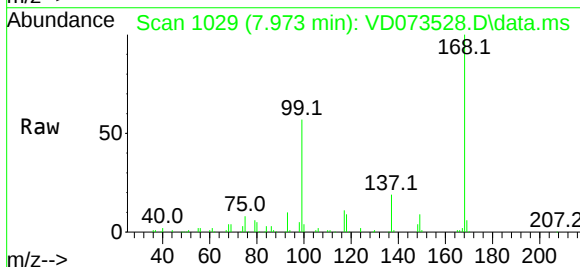
RT: 7.973 min Scan# 1029

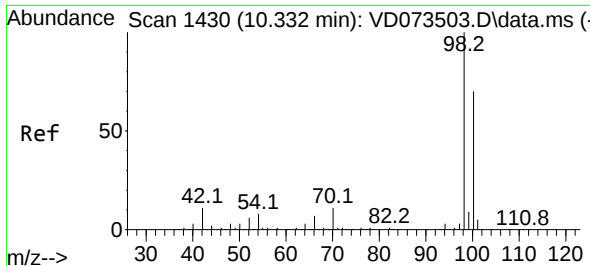
Delta R.T. -0.118 min

Lab File: VD073528.D

Acq: 10 Jun 2022 15:05

Tgt Ion: 117	Resp: 29089
Ion Ratio	Lower Upper
117 100	
119 4.0	75.8 113.6#
121 0.0	24.5 36.7#

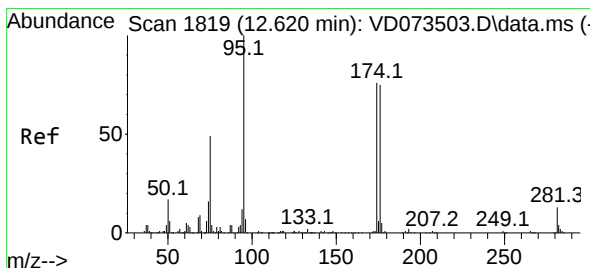
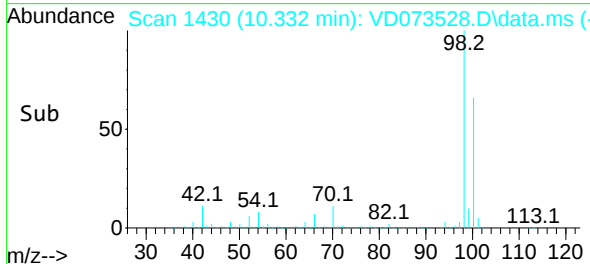
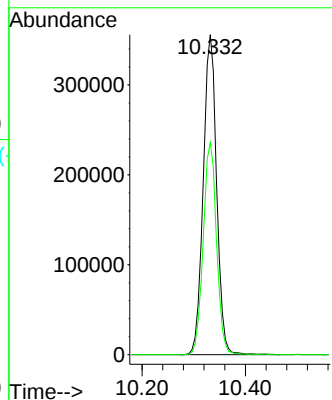
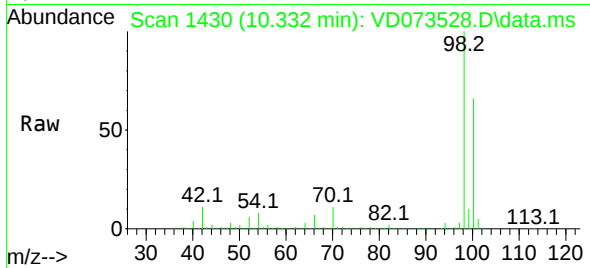




#50
Toluene-d8
Concen: 51.679 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD073528.D
Acq: 10 Jun 2022 15:05

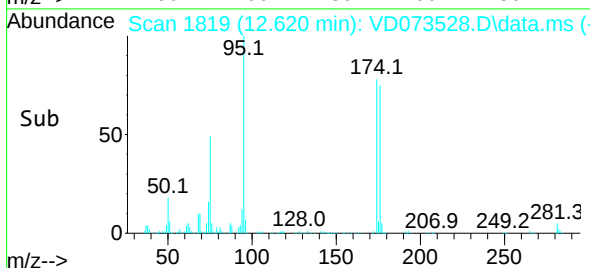
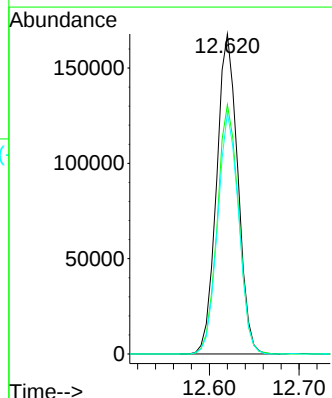
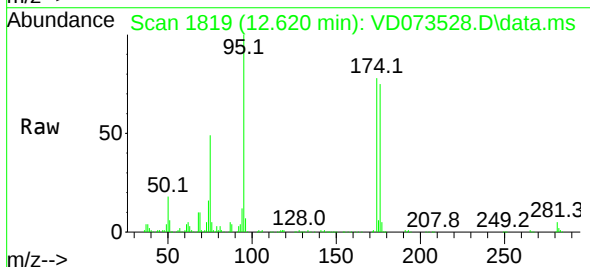
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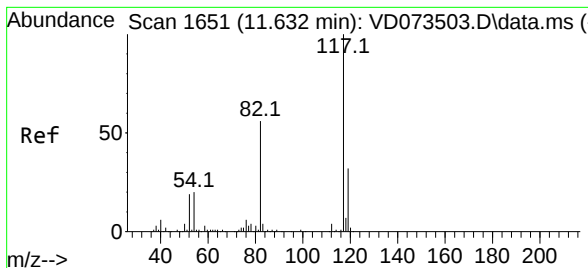
Tgt Ion: 98 Resp: 639191
Ion Ratio Lower Upper
98 100
100 66.2 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 61.237 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.000 min
Lab File: VD073528.D
Acq: 10 Jun 2022 15:05

Tgt Ion: 95 Resp: 274960
Ion Ratio Lower Upper
95 100
174 78.5 0.0 152.8
176 74.9 0.0 145.4

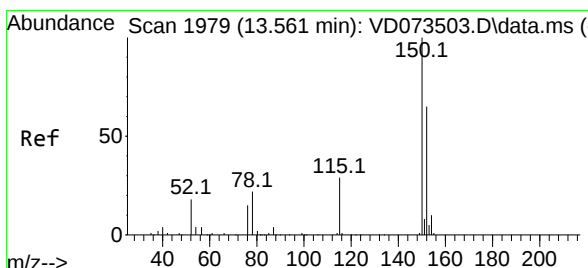
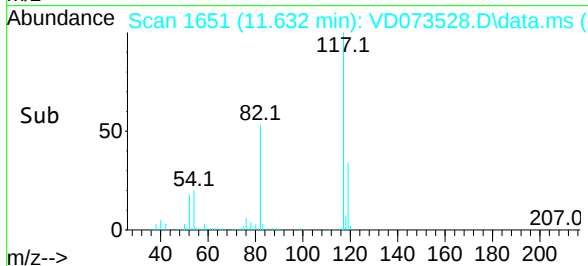
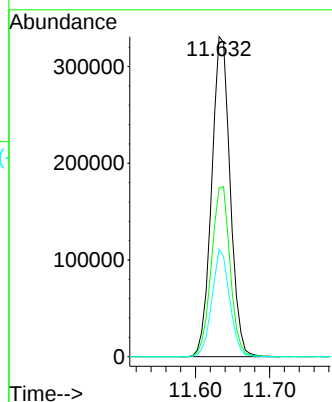
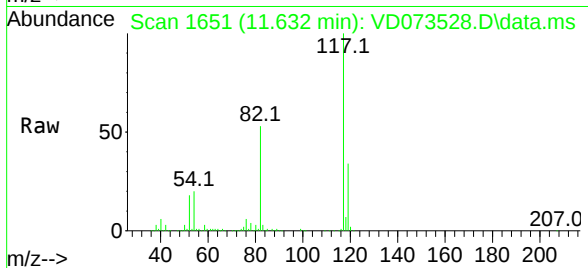




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.632 min Scan# 1651
Delta R.T. -0.000 min
Lab File: VD073528.D
Acq: 10 Jun 2022 15:05

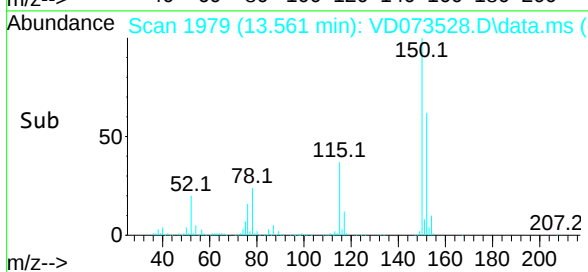
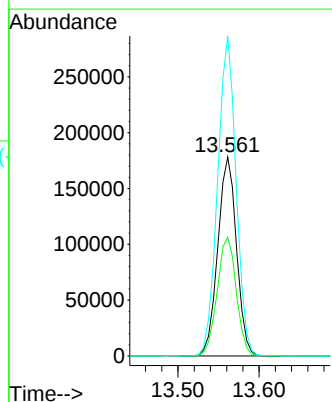
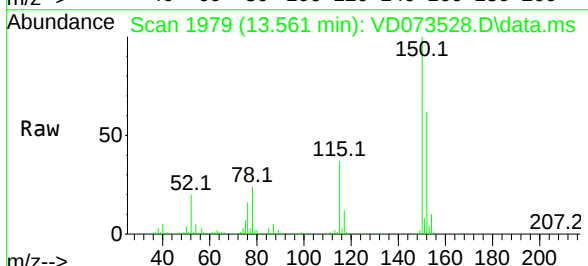
Instrument :
MSVOA_D
ClientSampleId :
NB-8-060822

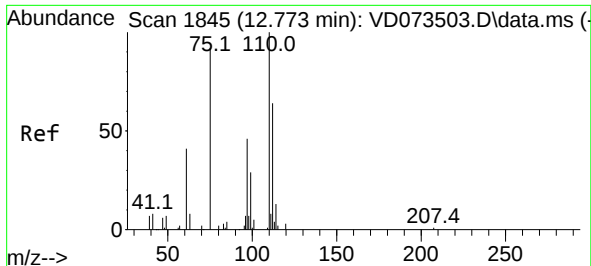
Tgt Ion:117 Resp: 573186
Ion Ratio Lower Upper
117 100
82 52.7 45.3 67.9
119 33.6 26.6 40.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. 0.000 min
Lab File: VD073528.D
Acq: 10 Jun 2022 15:05

Tgt Ion:152 Resp: 285790
Ion Ratio Lower Upper
152 100
115 60.8 31.3 93.8
150 158.7 0.0 348.6

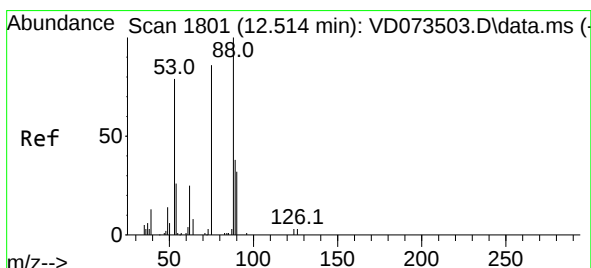
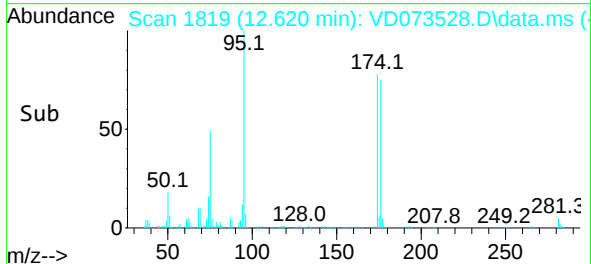
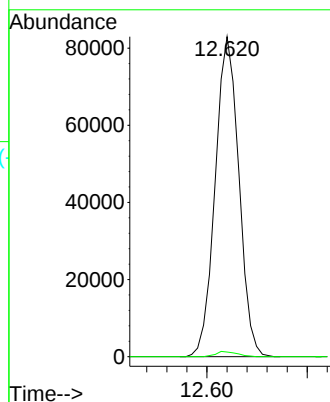
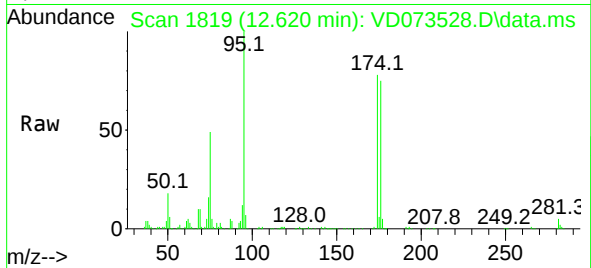




#76
1,2,3-Trichloropropane
Concen: 48.971 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.153 min
Lab File: VD073528.D
Acq: 10 Jun 2022 15:05

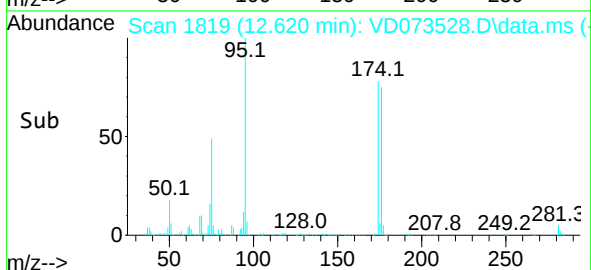
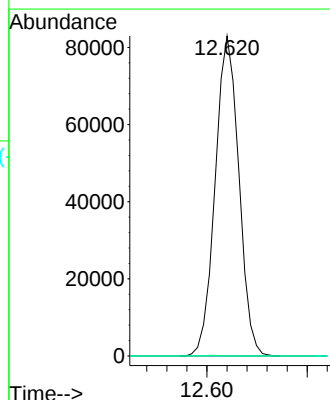
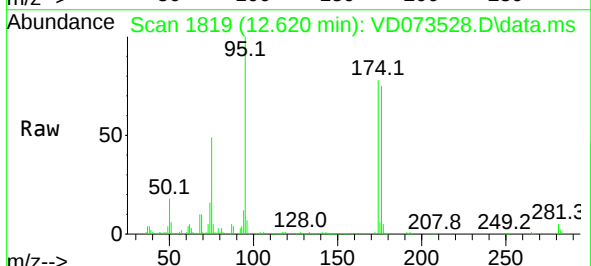
Instrument :
MSVOA_D
ClientSampleId :
NB-8-060822

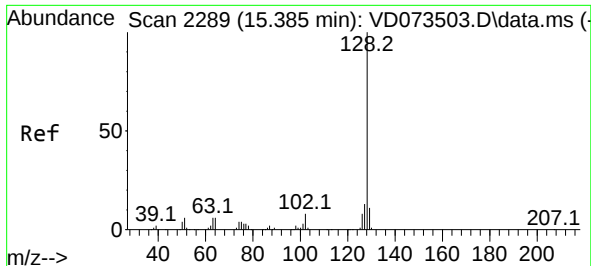
Tgt Ion: 75 Resp: 135959
Ion Ratio Lower Upper
75 100
77 1.5 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 114.942 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.106 min
Lab File: VD073528.D
Acq: 10 Jun 2022 15:05

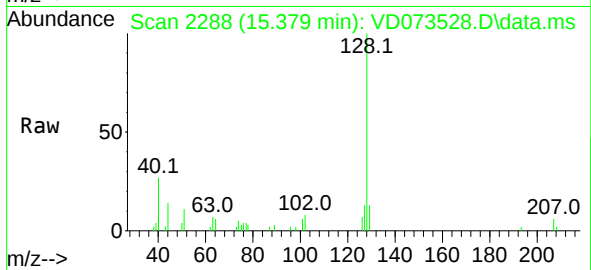
Tgt Ion: 75 Resp: 135959
Ion Ratio Lower Upper
75 100
53 0.1 86.5 129.7#
89 0.0 33.9 50.9#





#95
Naphthalene
Concen: 5.799 ug/l
RT: 15.379 min Scan# 21
Delta R.T. -0.006 min
Lab File: VD073528.D
Acq: 10 Jun 2022 15:05

Instrument :
MSVOA_D
ClientSampleId :
NB-8-060822



Tgt Ion	Ratio	Lower	Upper
128	100		
127	12.2	10.3	15.5
129	11.6	8.4	12.6

