

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD060622\
 Data File : VD073483.D
 Acq On : 06 Jun 2022 19:17
 Operator : VA/SY
 Sample : N3197-03
 Misc : 5.01G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SU-4-060322

Quant Time: Jun 07 01:14:14 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051922S.M
 Quant Title : SW846 8260
 QLast Update : Thu May 19 15:13:42 2022
 Response via : Initial Calibration

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

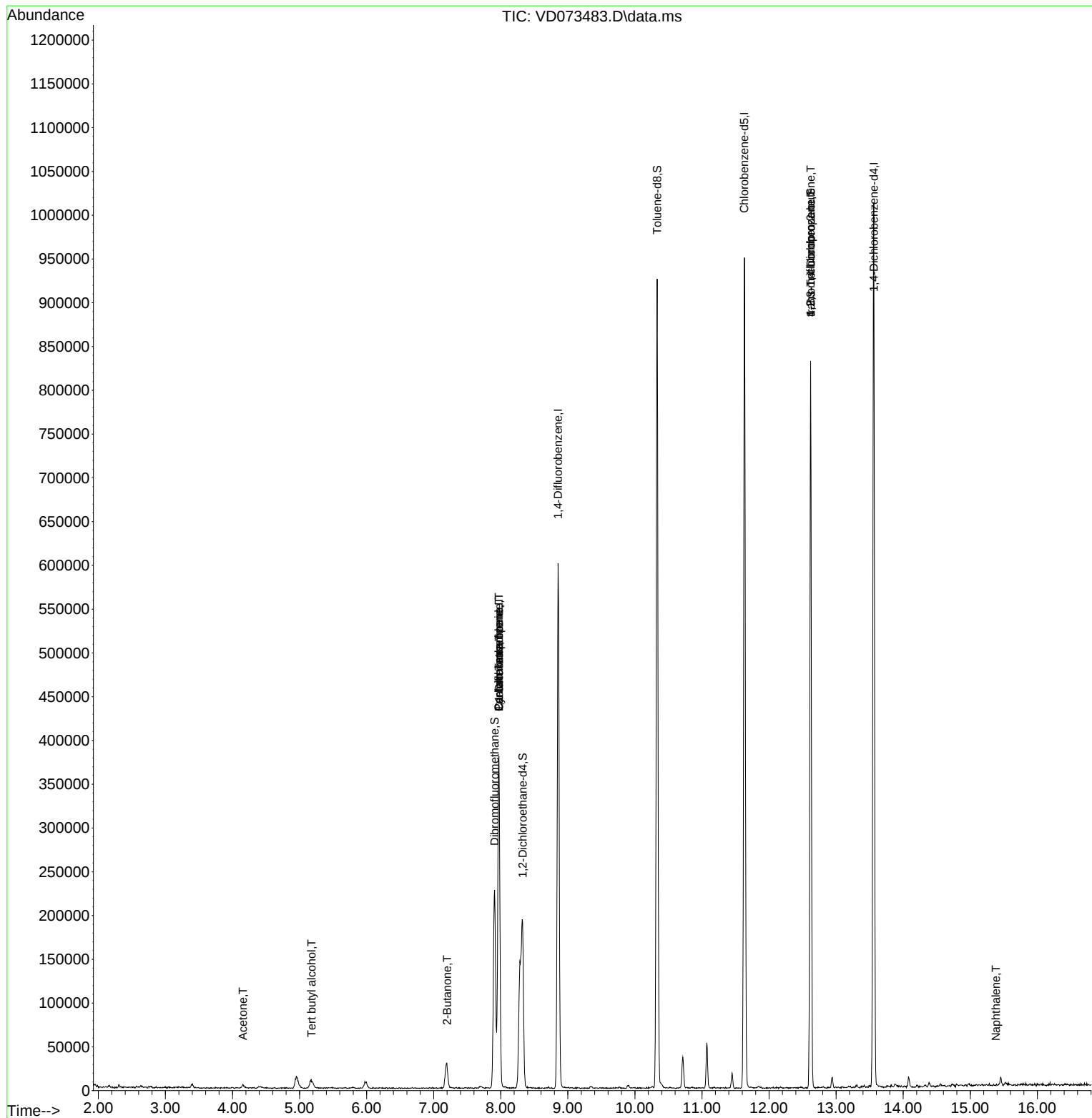
Internal Standards						
1) Pentafluorobenzene	7.973	168	278561	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	511766	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	562452	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	274381	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	143898	46.743	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	93.480%
35) Dibromofluoromethane	7.908	113	164205	48.625	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	97.240%
50) Toluene-d8	10.332	98	622528	50.009	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	100.020%
62) 4-Bromofluorobenzene	12.620	95	258656	59.207	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	118.420%
Target Compounds						
					Qvalue	
5) Bromomethane	2.762	94	178	Below Cal	#	48
11) Tert butyl alcohol	5.179	59	9317	19.507	ug/l #	74
16) Acetone	4.156	43	5249	9.844	ug/l	96
20) Methylene Chloride	4.950	84	10472	Below Cal	#	73
25) 2-Butanone	7.203	43	1651	2.116	ug/l #	52
31) Cyclohexane	7.973	56	6326	1.176	ug/l #	1
36) 1,1-Dichloropropene	7.973	75	22657	4.461	ug/l #	47
38) Carbon Tetrachloride	7.973	117	28416	5.519	ug/l #	16
76) 1,2,3-Trichloropropane	12.620	75	131940	49.009	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.620	75	131940	117.656	ug/l #	7
95) Naphthalene	15.384	128	632	3.607	ug/l #	77

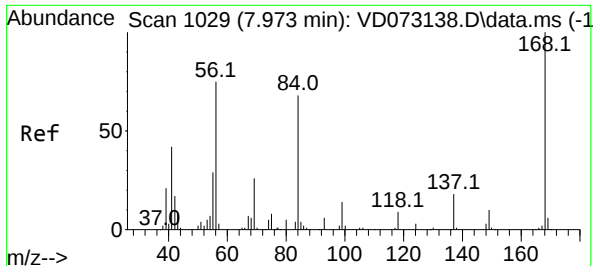
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Thu May 19 15:13:42 2022
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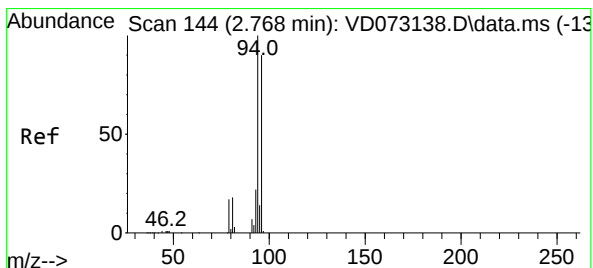
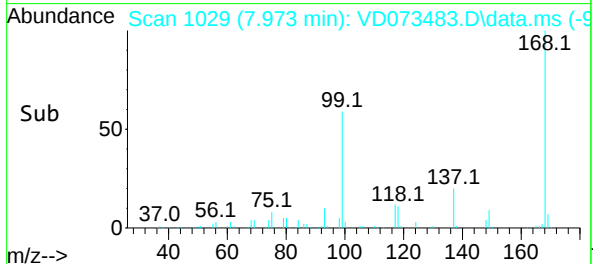
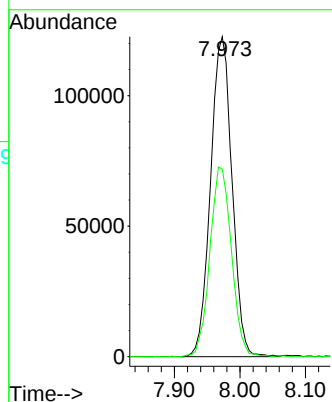
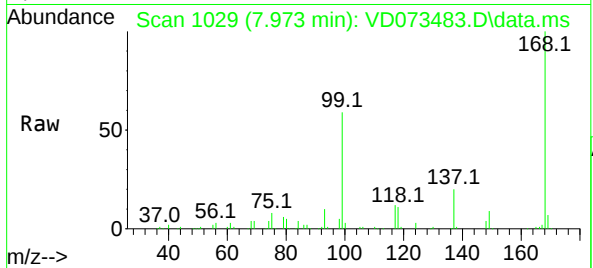




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. 0.000 min
Lab File: VD073483.D
Acq: 06 Jun 2022 19:17

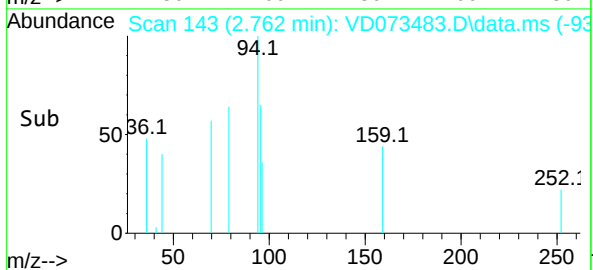
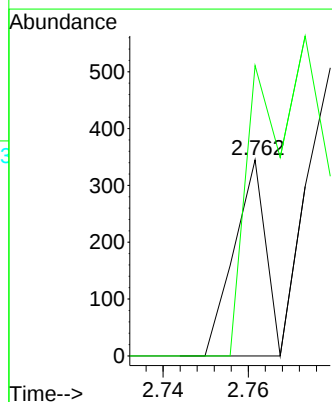
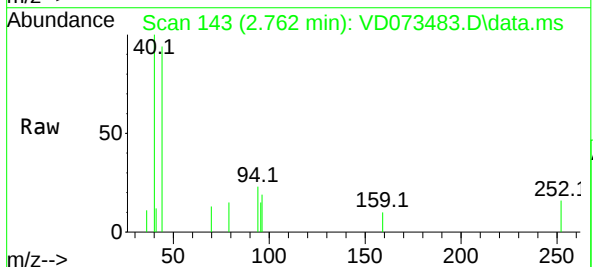
Instrument :
MSVOA_D
ClientSampleId :
SU-4-060322

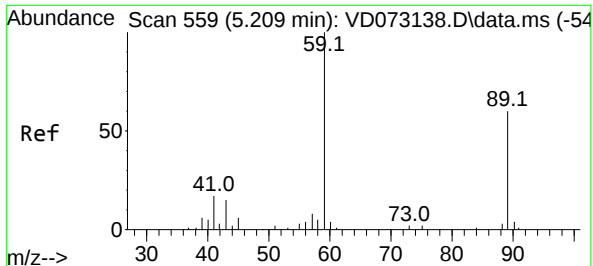
Tgt Ion:168 Resp: 278561
Ion Ratio Lower Upper
168 100
99 58.7 49.8 74.6



#5
Bromomethane
Concen: Below Cal
RT: 2.762 min Scan# 143
Delta R.T. -0.006 min
Lab File: VD073483.D
Acq: 06 Jun 2022 19:17

Tgt Ion: 94 Resp: 178
Ion Ratio Lower Upper
94 100
96 148.1 77.6 116.4#

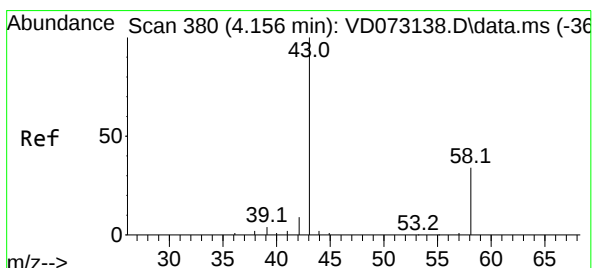
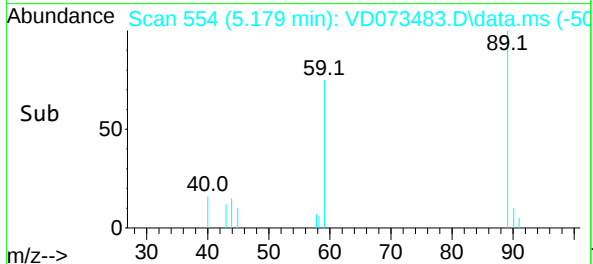
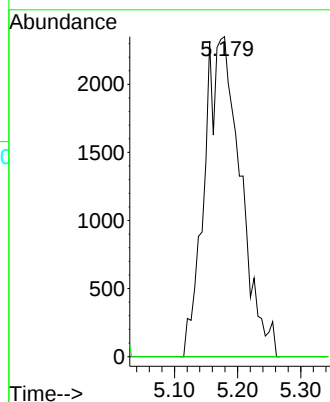
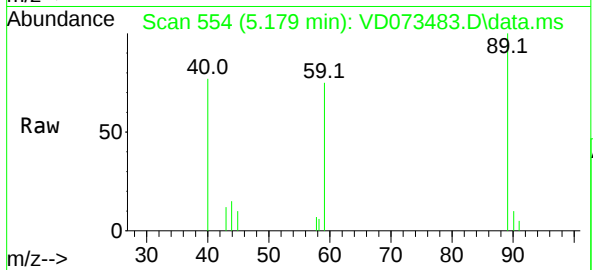




#11
Tert butyl alcohol
Concen: 19.507 ug/l
RT: 5.179 min Scan# 51
Delta R.T. -0.030 min
Lab File: VD073483.D
Acq: 06 Jun 2022 19:17

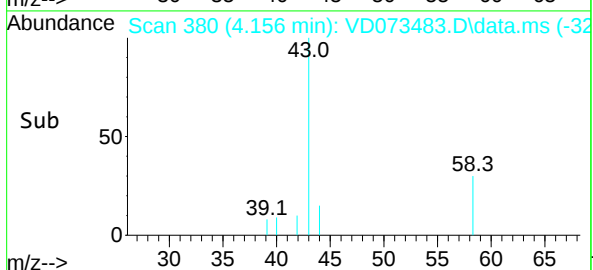
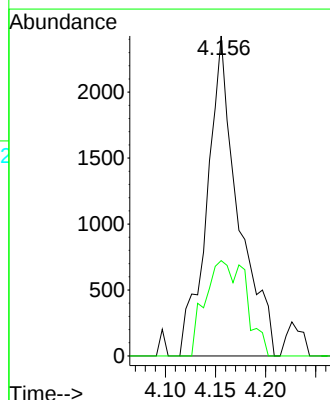
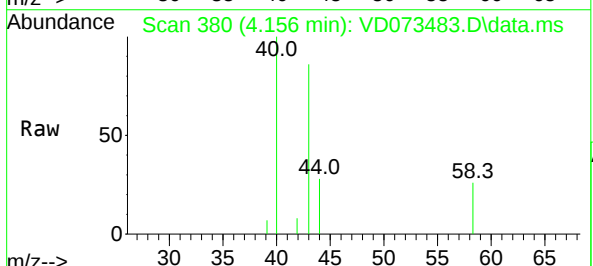
Instrument :
MSVOA_D
ClientSampleId :
SU-4-060322

Tgt Ion: 59 Resp: 9317
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.6#



#16
Acetone
Concen: 9.844 ug/l
RT: 4.156 min Scan# 380
Delta R.T. -0.000 min
Lab File: VD073483.D
Acq: 06 Jun 2022 19:17

Tgt Ion: 43 Resp: 5249
Ion Ratio Lower Upper
43 100
58 29.8 22.1 33.1

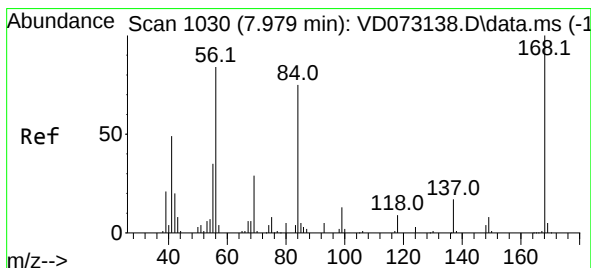
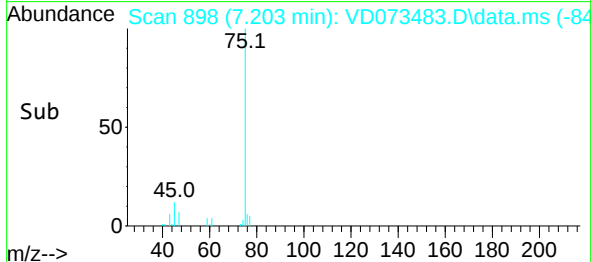
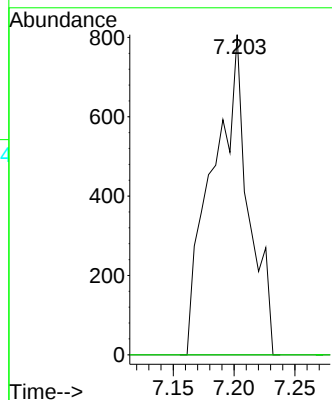
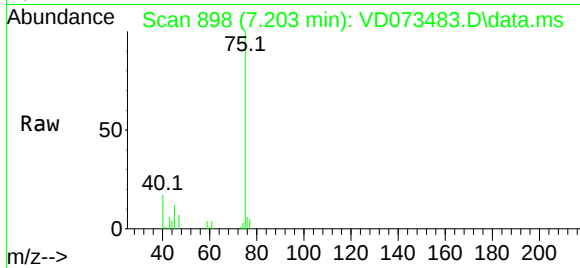




#25
2-Butanone
Concen: 2.116 ug/l
RT: 7.203 min Scan# 899
Delta R.T. -0.005 min
Lab File: VD073483.D
Acq: 06 Jun 2022 19:17

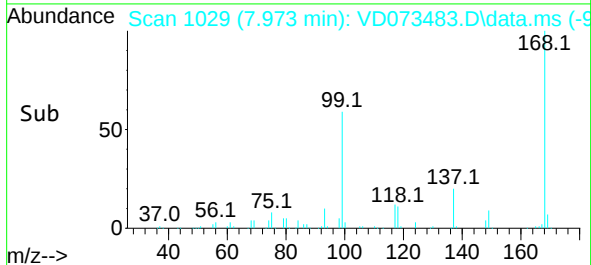
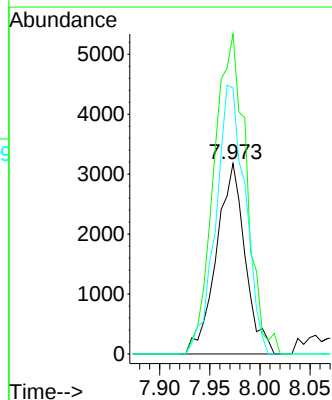
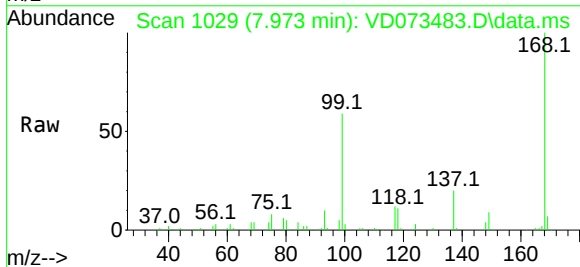
Instrument :
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ClientSampleId :
SU-4-060322

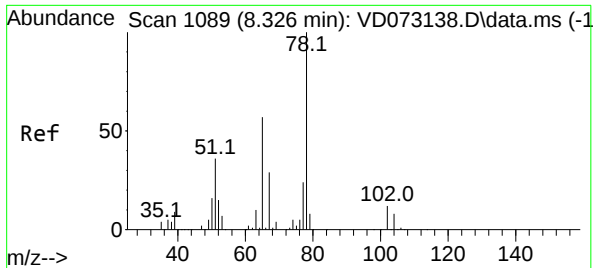
Tgt Ion: 43 Resp: 1651
Ion Ratio Lower Upper
43 100
72 0.0 18.6 27.8#



#31
Cyclohexane
Concen: 1.176 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.006 min
Lab File: VD073483.D
Acq: 06 Jun 2022 19:17

Tgt Ion: 56 Resp: 6326
Ion Ratio Lower Upper
56 100
69 168.0 25.4 38.2#
84 139.6 63.0 94.4#





#33

1,2-Dichloroethane-d4

Concen: 46.743 ug/l

RT: 8.326 min Scan# 1108

Delta R.T. 0.000 min

Lab File: VD073483.D

Acq: 06 Jun 2022 19:17

Instrument :

MSVOA_D

ClientSampleId :

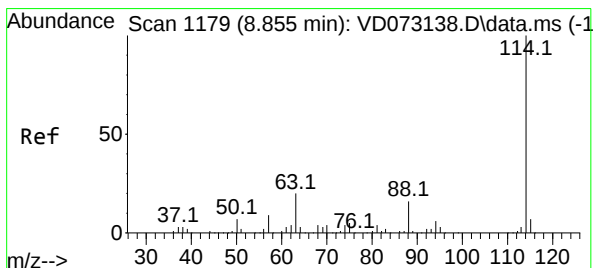
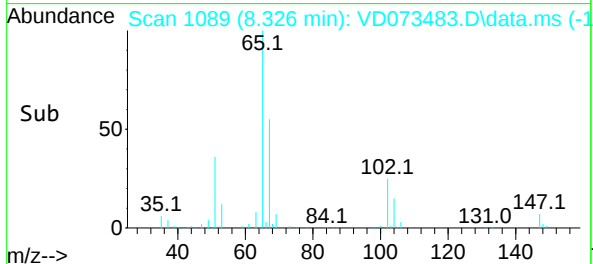
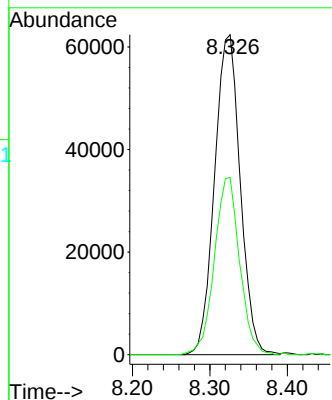
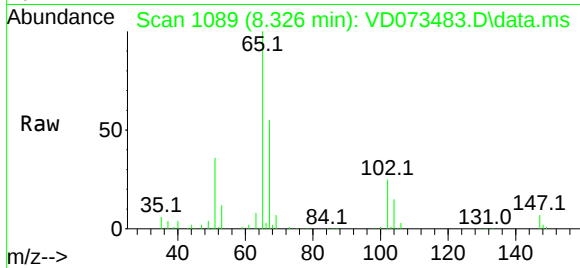
SU-4-060322

Tgt Ion: 65 Resp: 143898

Ion Ratio Lower Upper

65 100

67 54.4 0.0 101.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.855 min Scan# 1179

Delta R.T. 0.000 min

Lab File: VD073483.D

Acq: 06 Jun 2022 19:17

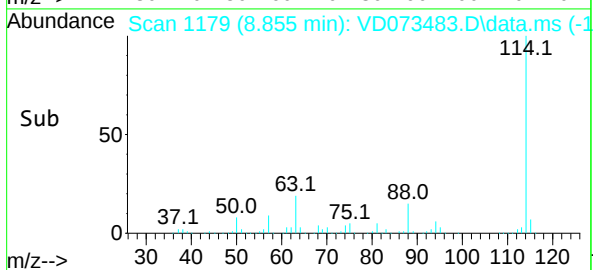
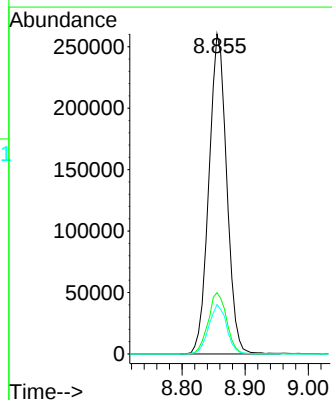
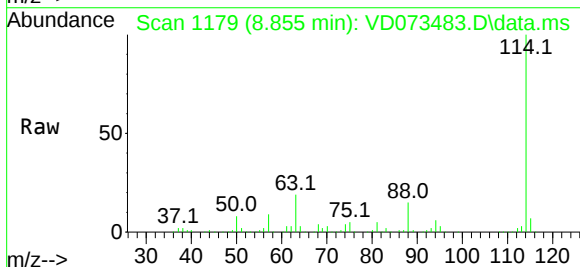
Tgt Ion: 114 Resp: 511766

Ion Ratio Lower Upper

114 100

63 19.2 0.0 46.6

88 15.5 0.0 33.2





#35

Dibromofluoromethane

Concen: 48.625 ug/l

RT: 7.908 min Scan# 1018

Delta R.T. -0.006 min

Lab File: VD073483.D

Acq: 06 Jun 2022 19:17

Instrument :

MSVOA_D

ClientSampleId :

SU-4-060322

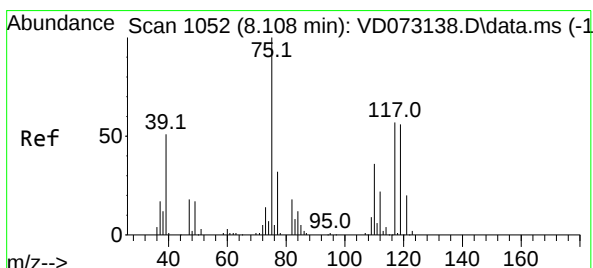
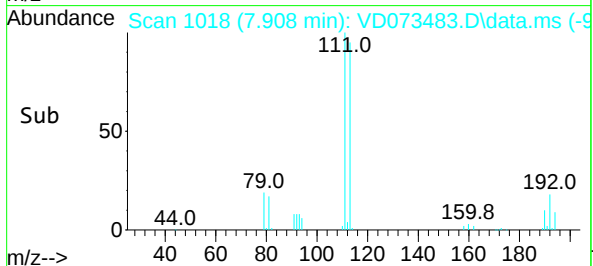
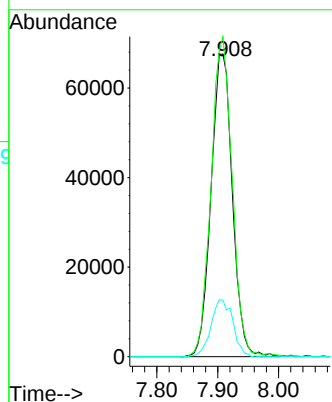
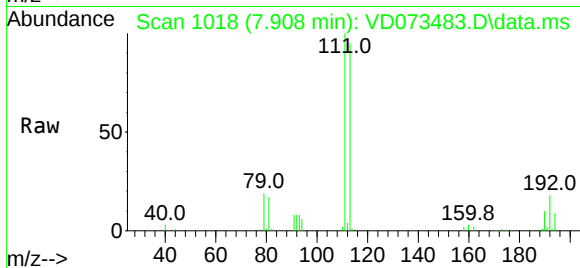
Tgt Ion:113 Resp: 164205

Ion Ratio Lower Upper

113 100

111 104.8 83.8 125.6

192 19.4 14.6 21.8



#36

1,1-Dichloropropene

Concen: 4.461 ug/l

RT: 7.973 min Scan# 1029

Delta R.T. -0.135 min

Lab File: VD073483.D

Acq: 06 Jun 2022 19:17

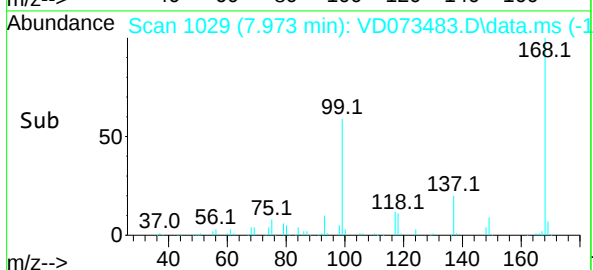
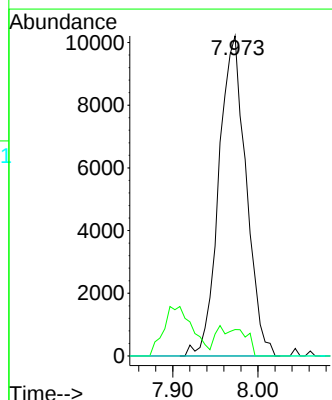
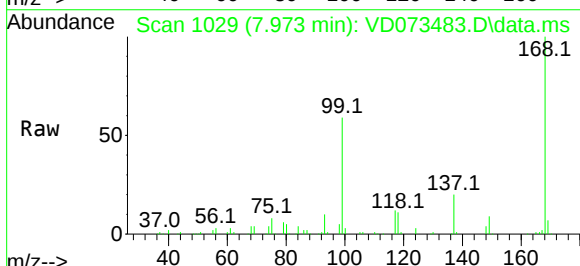
Tgt Ion: 75 Resp: 22657

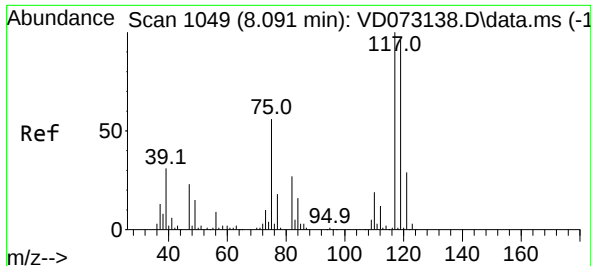
Ion Ratio Lower Upper

75 100

110 3.7 16.4 49.1#

77 0.0 24.2 36.2#

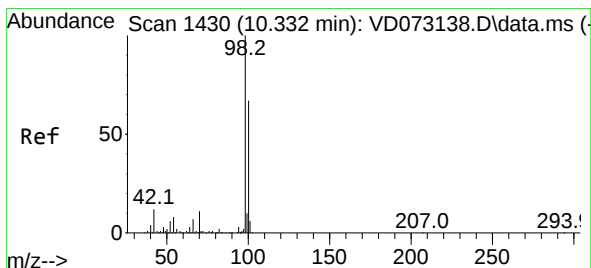
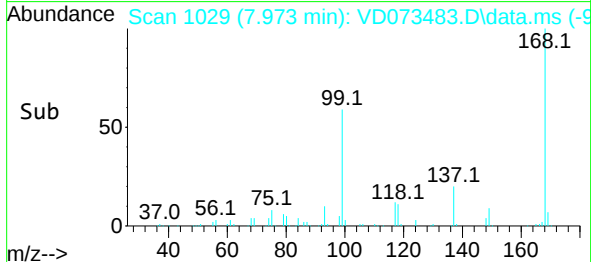
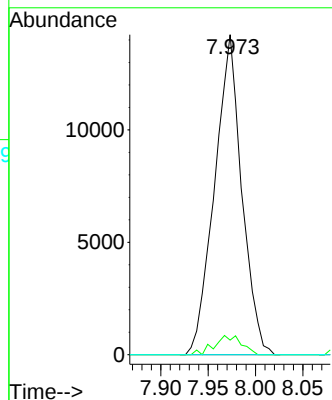
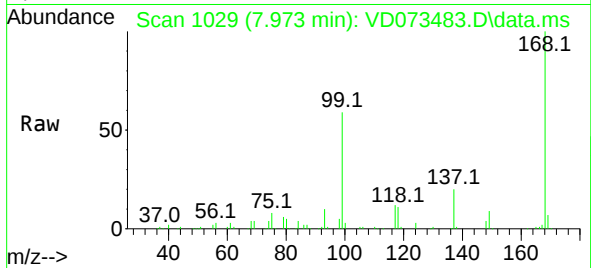




#38
Carbon Tetrachloride
Concen: 5.519 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.118 min
Lab File: VD073483.D
Acq: 06 Jun 2022 19:17

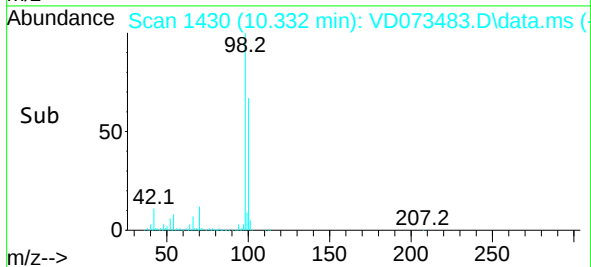
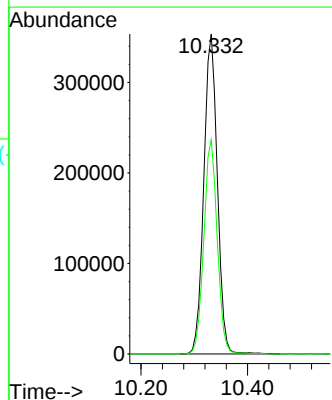
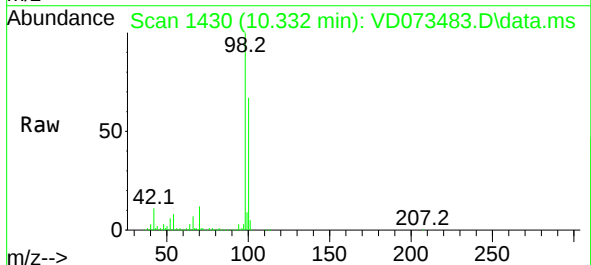
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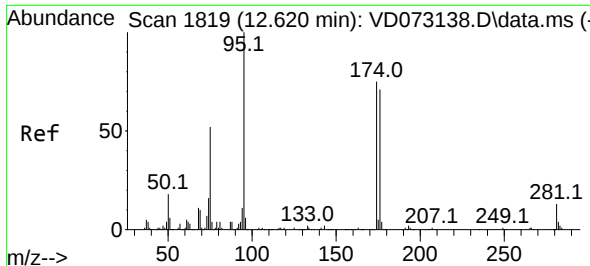
Tgt Ion:117 Resp: 28416
Ion Ratio Lower Upper
117 100
119 4.5 75.8 113.6#
121 0.0 24.5 36.7#



#50
Toluene-d8
Concen: 50.009 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD073483.D
Acq: 06 Jun 2022 19:17

Tgt Ion: 98 Resp: 622528
Ion Ratio Lower Upper
98 100
100 66.5 52.4 78.6

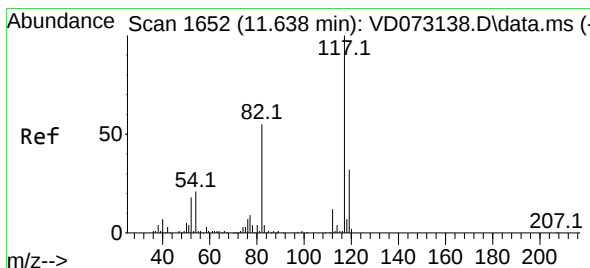
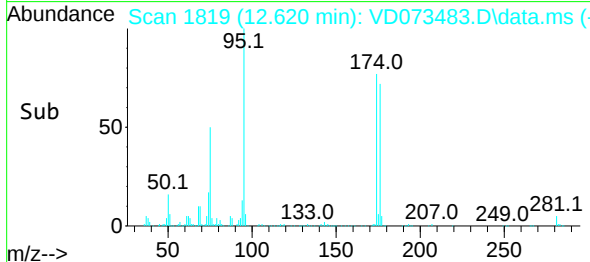
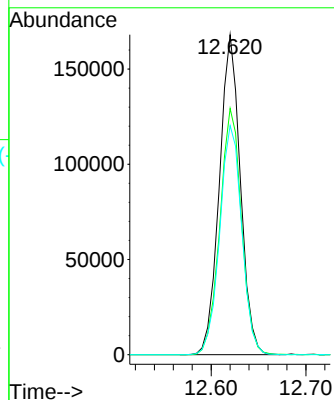
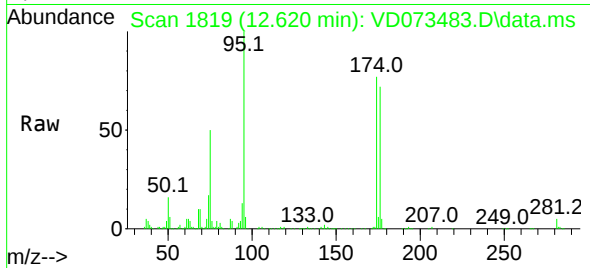




#62
4-Bromofluorobenzene
Concen: 59.207 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VD073483.D
Acq: 06 Jun 2022 19:17

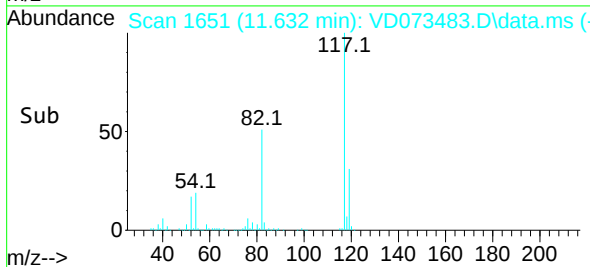
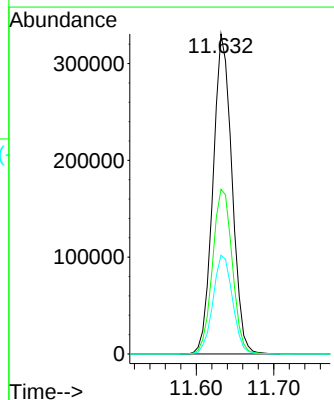
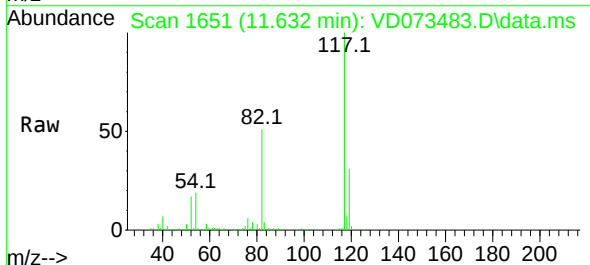
Instrument :
MSVOA_D
ClientSampleId :
SU-4-060322

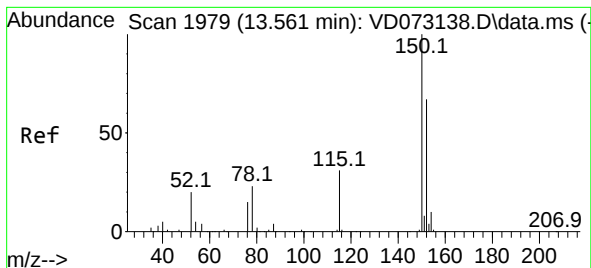
Tgt Ion: 95 Resp: 258656
Ion Ratio Lower Upper
95 100
174 79.3 0.0 152.8
176 75.1 0.0 145.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.632 min Scan# 1651
Delta R.T. -0.006 min
Lab File: VD073483.D
Acq: 06 Jun 2022 19:17

Tgt Ion: 117 Resp: 562452
Ion Ratio Lower Upper
117 100
82 51.5 45.3 67.9
119 30.8 26.6 40.0

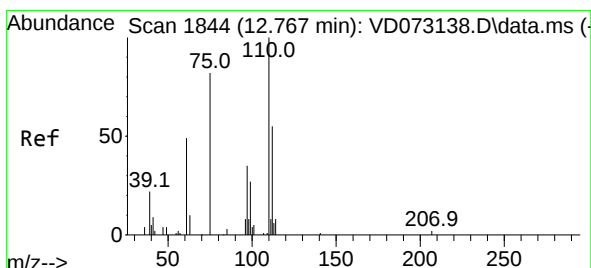
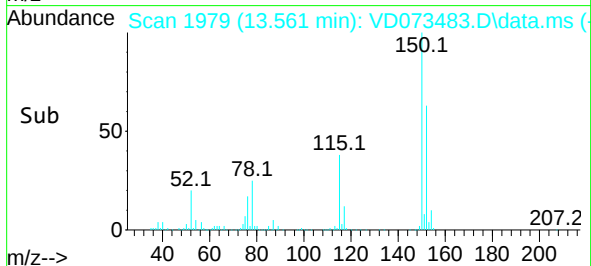
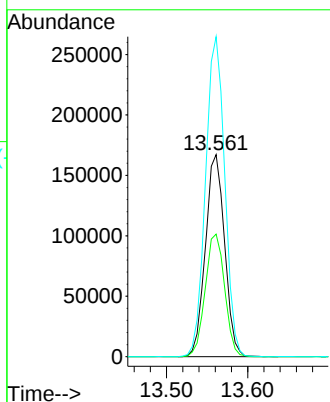
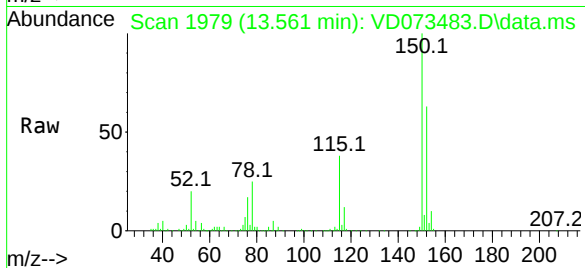




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.561 min Scan# 1819
 Delta R.T. 0.000 min
 Lab File: VD073483.D
 Acq: 06 Jun 2022 19:17

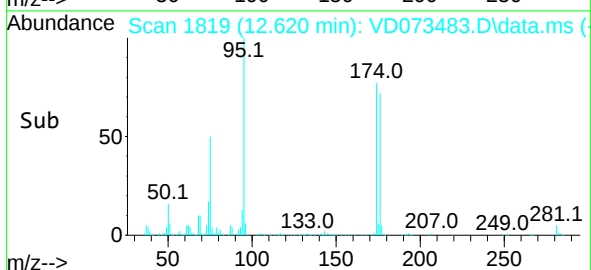
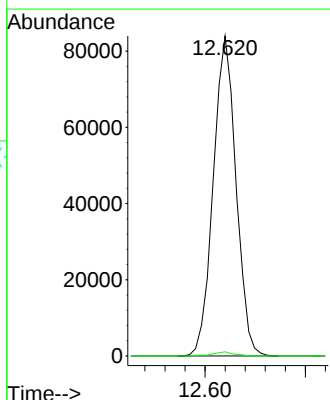
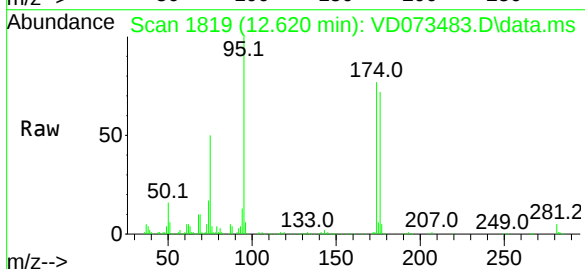
Instrument :
 MSVOA_D
 ClientSampleId :
 SU-4-060322

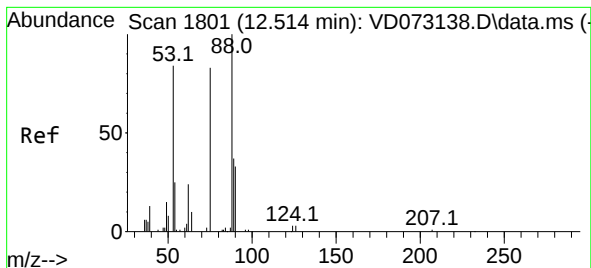
Tgt Ion:152 Resp: 274381
 Ion Ratio Lower Upper
 152 100
 115 61.4 31.3 93.8
 150 158.4 0.0 348.6



#76
 1,2,3-Trichloropropane
 Concen: 49.009 ug/l
 RT: 12.620 min Scan# 1819
 Delta R.T. -0.147 min
 Lab File: VD073483.D
 Acq: 06 Jun 2022 19:17

Tgt Ion: 75 Resp: 131940
 Ion Ratio Lower Upper
 75 100
 77 1.2 0.0 0.0#

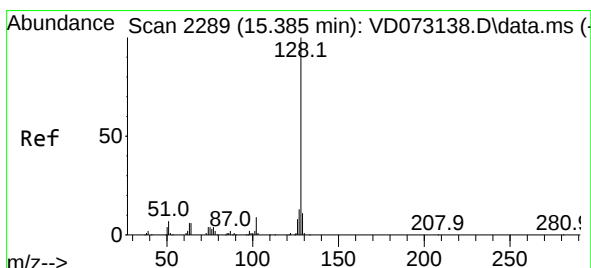
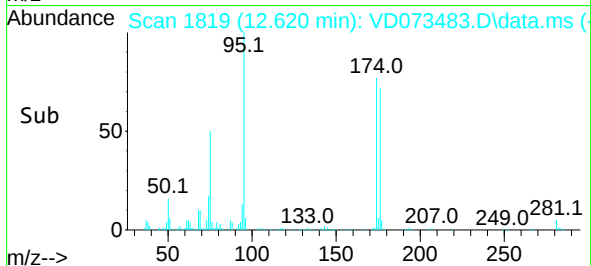
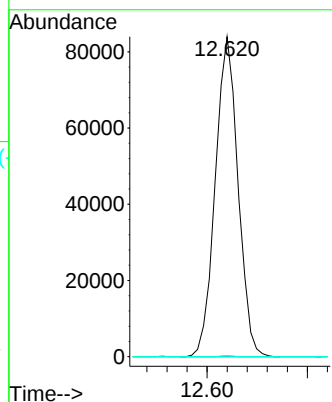
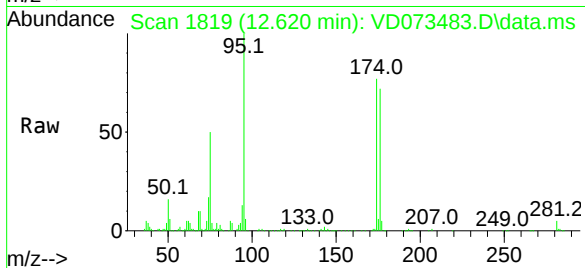




#81
trans-1,4-Dichloro-2-butene
Concen: 117.656 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.106 min
Lab File: VD073483.D
Acq: 06 Jun 2022 19:17

Instrument :
MSVOA_D
ClientSampleId :
SU-4-060322

Tgt Ion: 75 Resp: 131940
Ion Ratio Lower Upper
75 100
53 0.1 86.5 129.7#
89 0.0 33.9 50.9#



#95
Naphthalene
Concen: 3.607 ug/l
RT: 15.384 min Scan# 2289
Delta R.T. -0.001 min
Lab File: VD073483.D
Acq: 06 Jun 2022 19:17

Tgt Ion: 128 Resp: 632
Ion Ratio Lower Upper
128 100
127 0.0 10.3 15.5#
129 14.7 8.4 12.6#

