

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD052422\
 Data File : VD073328.D
 Acq On : 24 May 2022 16:48
 Operator : VA/SY
 Sample : N2949-15
 Misc : 6.13G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 P044-SS001-0612-02

Quant Time: May 25 05:27:36 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)

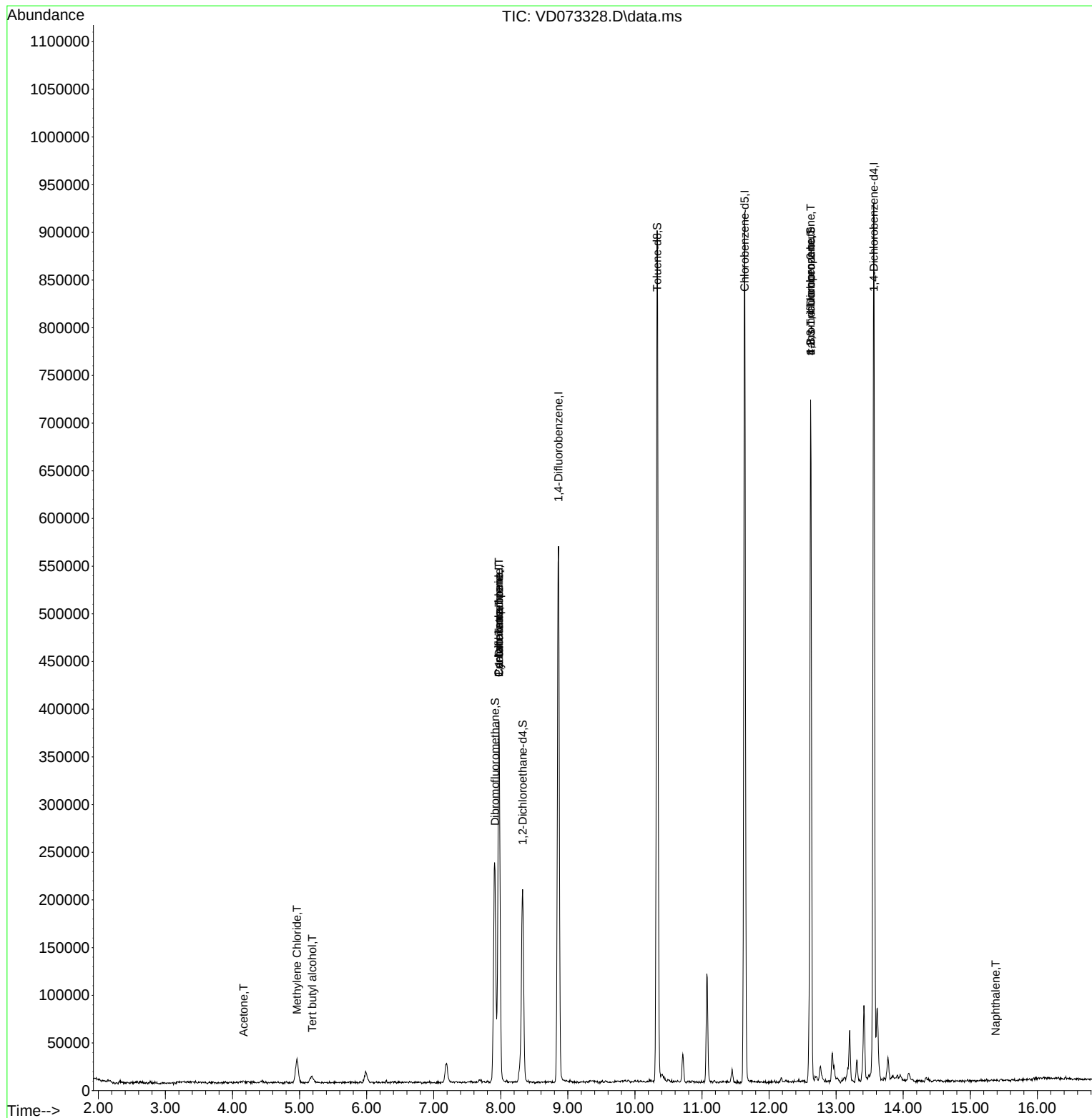
Internal Standards						
1) Pentafluorobenzene	7.973	168	275077	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	483516	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	522345	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	243922	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	157095	51.676	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 103.360%	
35) Dibromofluoromethane	7.914	113	167991	52.653	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 105.300%	
50) Toluene-d8	10.332	98	603165	51.284	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 102.560%	
62) 4-Bromofluorobenzene	12.620	95	231150	56.003	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 112.000%	
Target Compounds						
					Qvalue	
5) Bromomethane	2.779	94	735	Below Cal	#	70
11) Tert butyl alcohol	5.191	59	7476	15.851	ug/l #	74
16) Acetone	4.167	43	2880	5.469	ug/l #	80
20) Methylene Chloride	4.962	84	17064	1.213	ug/l #	90
31) Cyclohexane	7.973	56	6493	1.222	ug/l #	1
36) 1,1-Dichloropropene	7.973	75	23867	4.974	ug/l #	52
38) Carbon Tetrachloride	7.973	117	29007	5.963	ug/l #	18
76) 1,2,3-Trichloropropane	12.620	75	118066	49.332	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.620	75	118066	118.431	ug/l #	7
95) Naphthalene	15.379	128	832	3.638	ug/l #	70

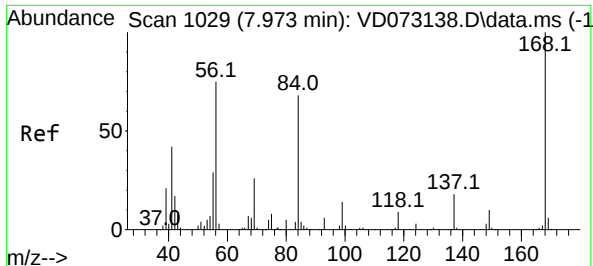
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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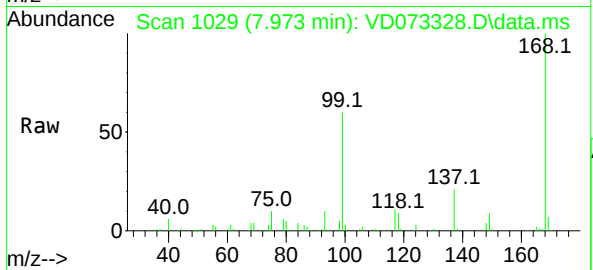
Quant Time: May 25 05:27:36 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051922S.M
Quant Title : SW846 8260
QLast Update : Thu May 19 15:13:42 2022
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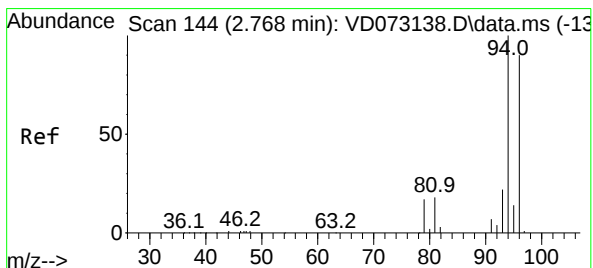
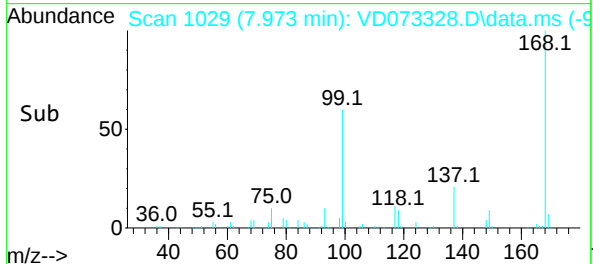
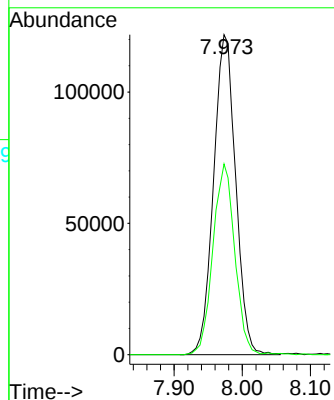


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. 0.000 min
Lab File: VD073328.D
Acq: 24 May 2022 16:48

Instrument :
MSVOA_D
ClientSampleId :
P044-SS001-0612-02

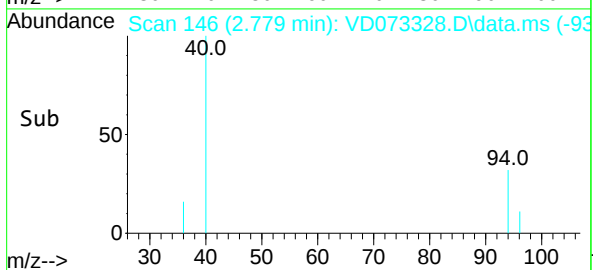
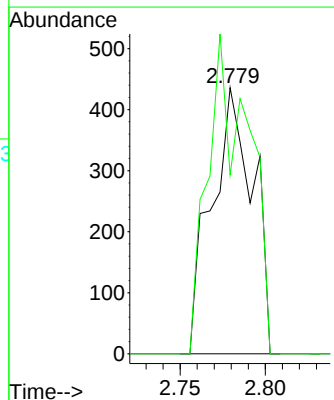
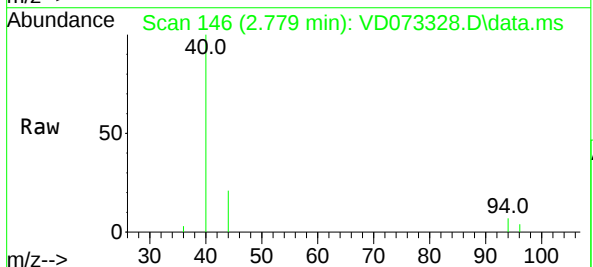


Tgt Ion:168 Resp: 275077
Ion Ratio Lower Upper
168 100
99 59.6 49.8 74.6



#5
Bromomethane
Concen: Below Cal
RT: 2.779 min Scan# 146
Delta R.T. 0.011 min
Lab File: VD073328.D
Acq: 24 May 2022 16:48

Tgt Ion: 94 Resp: 735
Ion Ratio Lower Upper
94 100
96 67.2 77.6 116.4#





#11

Tert butyl alcohol

Concen: 15.851 ug/l

RT: 5.191 min Scan# 51

Delta R.T. -0.018 min

Lab File: VD073328.D

Acq: 24 May 2022 16:48

Instrument :

MSVOA_D

ClientSampleId :

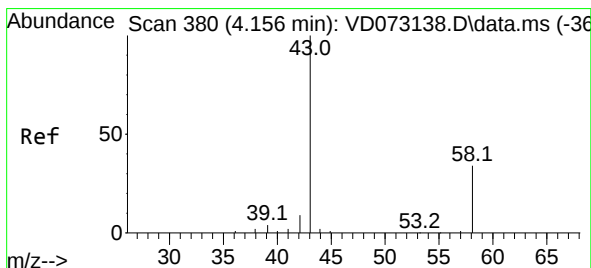
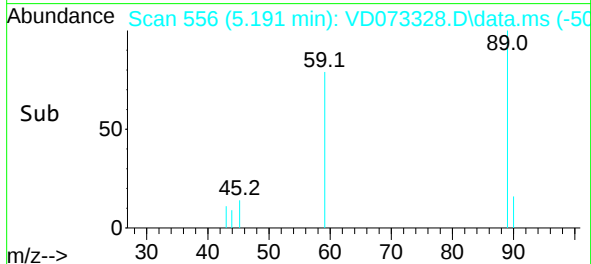
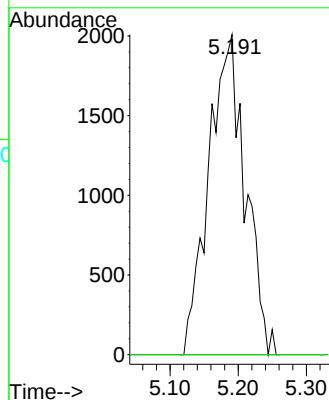
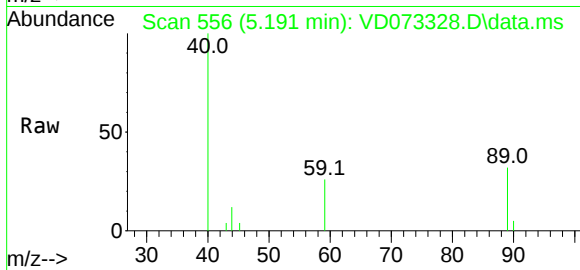
P044-SS001-0612-02

Tgt Ion: 59 Resp: 7476

Ion Ratio Lower Upper

59 100

57 0.0 7.8 11.6#



#16

Acetone

Concen: 5.469 ug/l

RT: 4.167 min Scan# 382

Delta R.T. 0.011 min

Lab File: VD073328.D

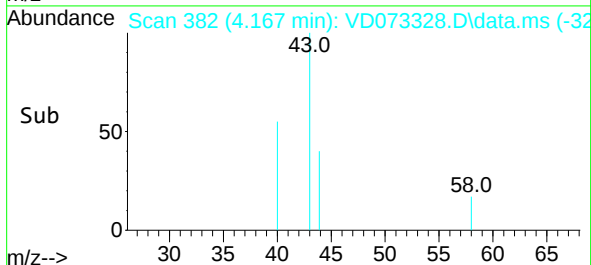
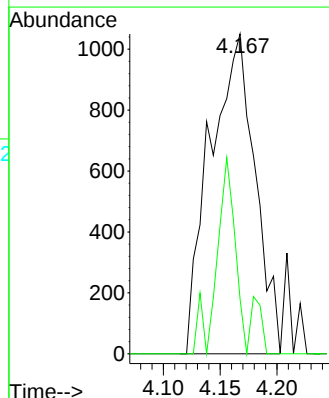
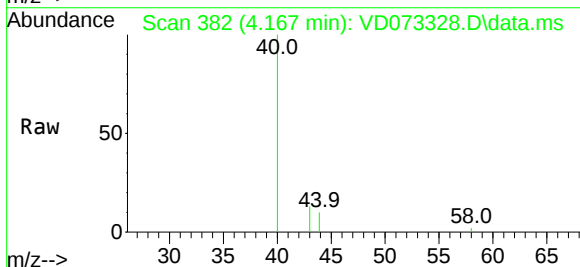
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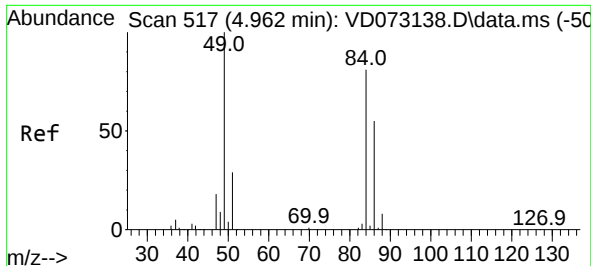
Tgt Ion: 43 Resp: 2880

Ion Ratio Lower Upper

43 100

58 17.2 22.1 33.1#





#20

Methylene Chloride

Concen: 1.213 ug/l

RT: 4.962 min Scan# 51

Delta R.T. -0.000 min

Lab File: VD073328.D

Acq: 24 May 2022 16:48

Instrument :

MSVOA_D

ClientSampleId :

P044-SS001-0612-02

Tgt Ion: 84 Resp: 17064

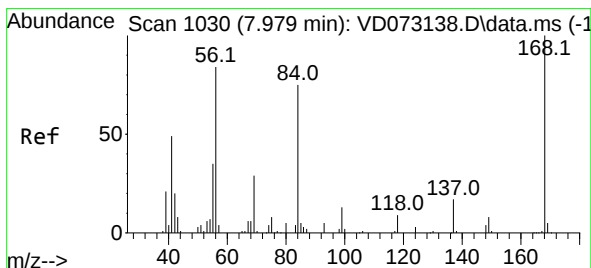
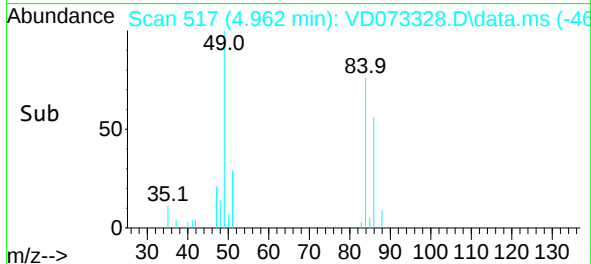
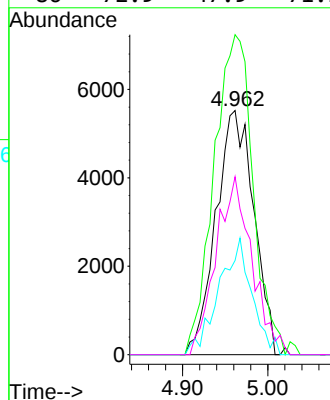
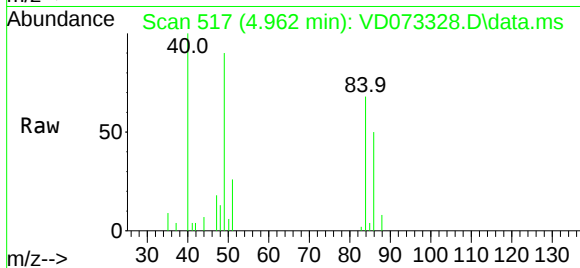
Ion Ratio Lower Upper

84 100

49 131.1 112.8 169.2

51 38.6 32.6 48.8

86 72.9 47.9 71.9#



#31

Cyclohexane

Concen: 1.222 ug/l

RT: 7.973 min Scan# 1029

Delta R.T. -0.006 min

Lab File: VD073328.D

Acq: 24 May 2022 16:48

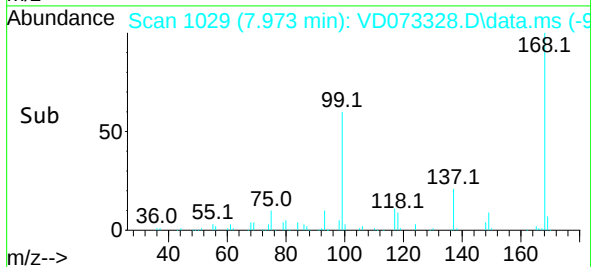
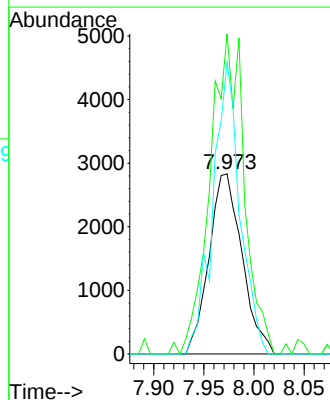
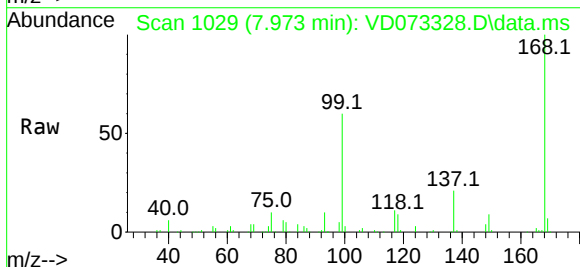
Tgt Ion: 56 Resp: 6493

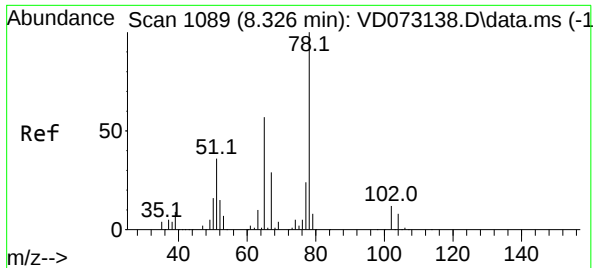
Ion Ratio Lower Upper

56 100

69 177.7 25.4 38.2#

84 161.7 63.0 94.4#





#33

1,2-Dichloroethane-d4

Concen: 51.676 ug/l

RT: 8.326 min Scan# 1180

Delta R.T. 0.000 min

Lab File: VD073328.D

Acq: 24 May 2022 16:48

Instrument :

MSVOA_D

ClientSampleId :

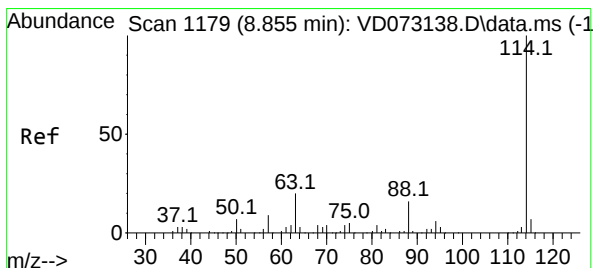
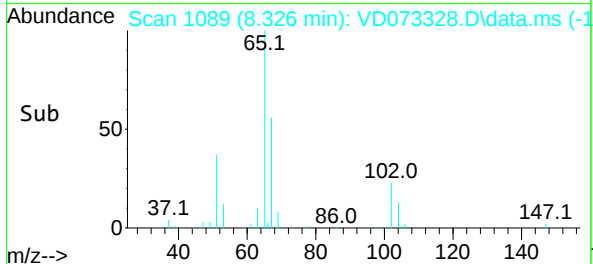
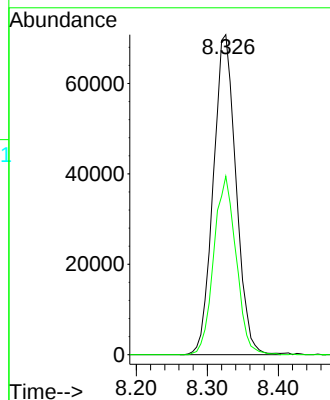
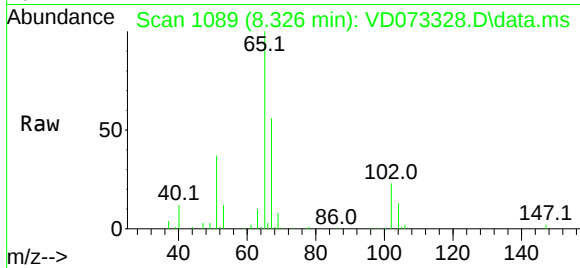
P044-SS001-0612-02

Tgt Ion: 65 Resp: 157095

Ion Ratio Lower Upper

65 100

67 54.7 0.0 101.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.861 min Scan# 1180

Delta R.T. 0.006 min

Lab File: VD073328.D

Acq: 24 May 2022 16:48

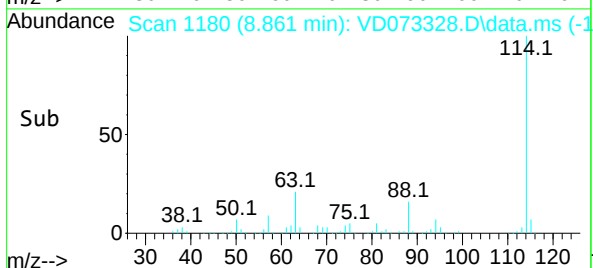
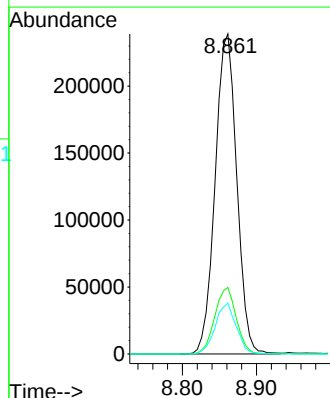
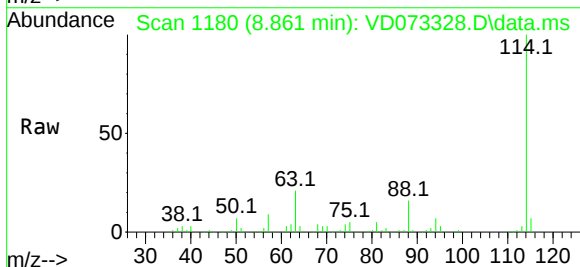
Tgt Ion: 114 Resp: 483516

Ion Ratio Lower Upper

114 100

63 20.8 0.0 46.6

88 15.9 0.0 33.2





#35

Dibromofluoromethane

Concen: 52.653 ug/l

RT: 7.914 min Scan# 1019

Delta R.T. 0.000 min

Lab File: VD073328.D

Acq: 24 May 2022 16:48

Instrument :

MSVOA_D

ClientSampleId :

P044-SS001-0612-02

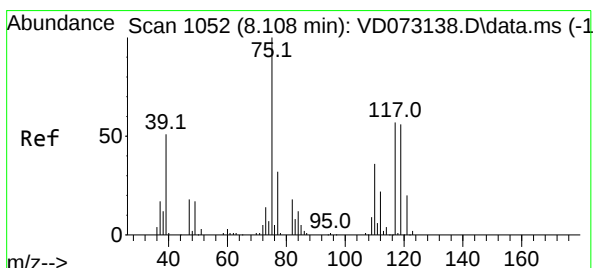
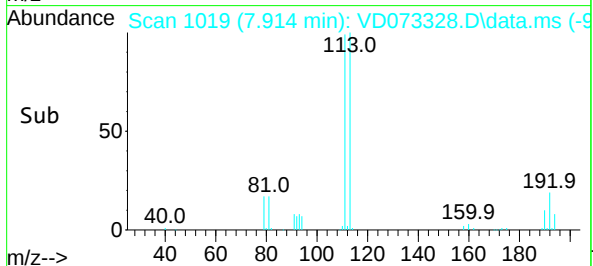
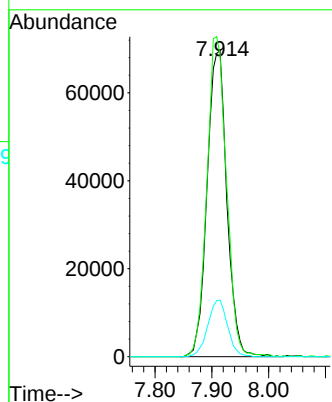
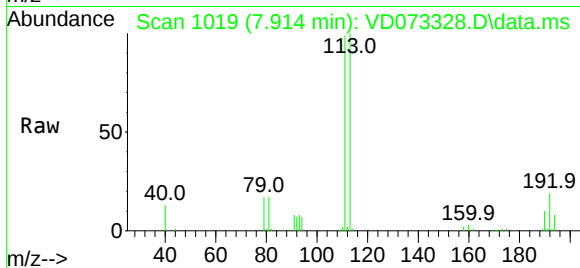
Tgt Ion:113 Resp: 167991

Ion Ratio Lower Upper

113 100

111 104.0 83.8 125.6

192 18.5 14.6 21.8



#36

1,1-Dichloropropene

Concen: 4.974 ug/l

RT: 7.973 min Scan# 1029

Delta R.T. -0.135 min

Lab File: VD073328.D

Acq: 24 May 2022 16:48

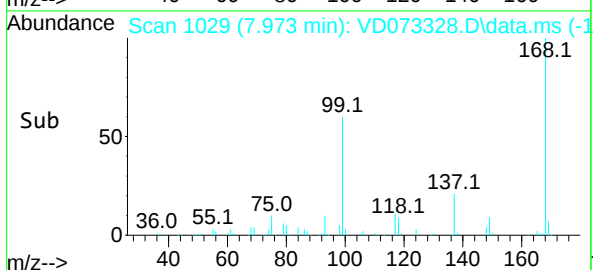
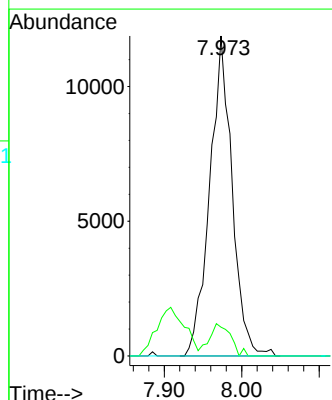
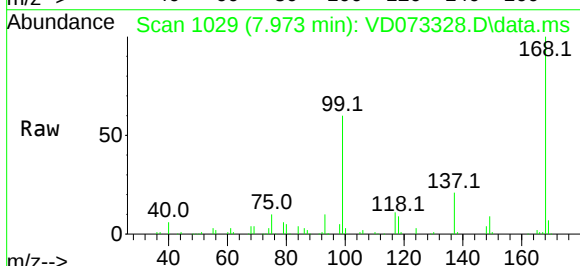
Tgt Ion: 75 Resp: 23867

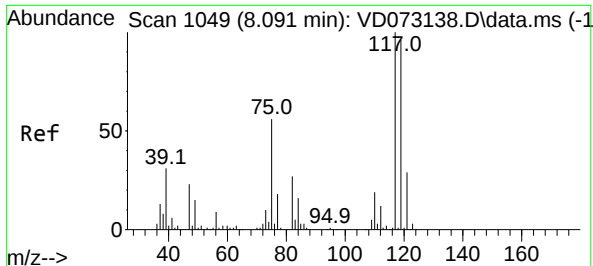
Ion Ratio Lower Upper

75 100

110 9.6 16.4 49.1#

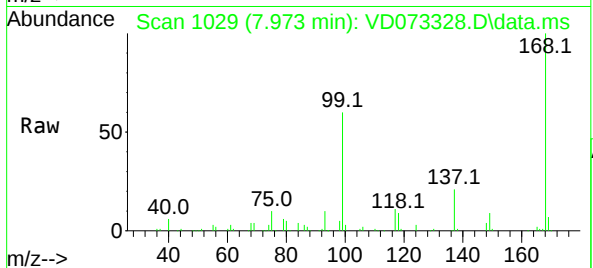
77 0.0 24.2 36.2#



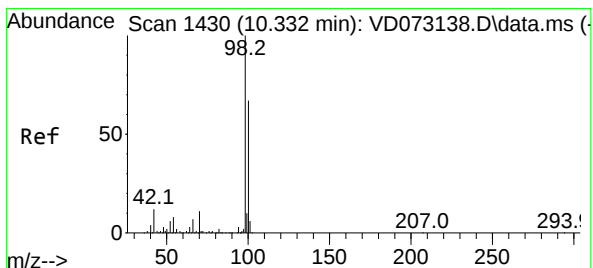
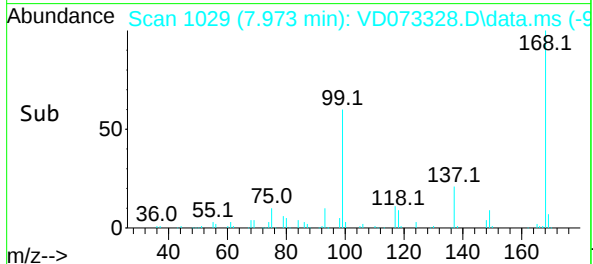
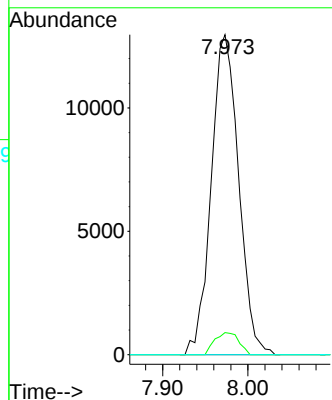


#38
Carbon Tetrachloride
Concen: 5.963 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.118 min
Lab File: VD073328.D
Acq: 24 May 2022 16:48

Instrument :
MSVOA_D
ClientSampleId :
P044-SS001-0612-02

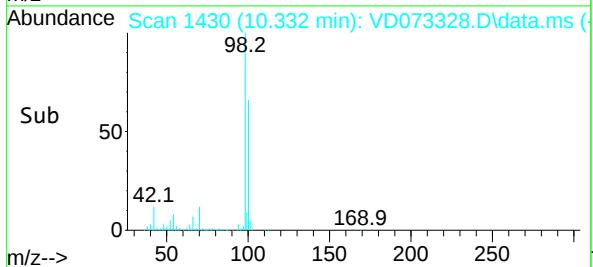
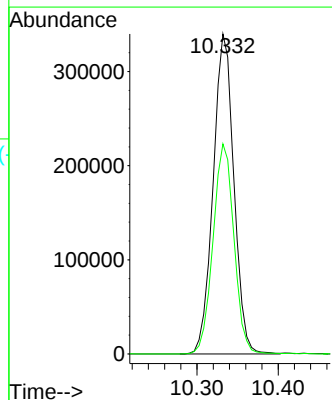
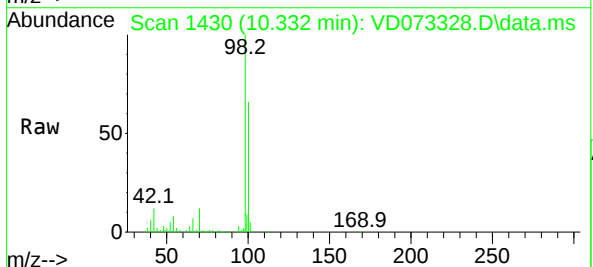


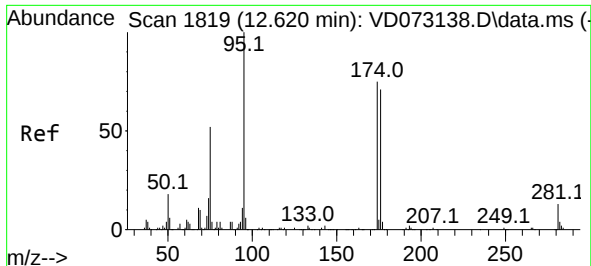
Tgt Ion:117 Resp: 29007
Ion Ratio Lower Upper
117 100
119 6.9 75.8 113.6#
121 0.0 24.5 36.7#



#50
Toluene-d8
Concen: 51.284 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD073328.D
Acq: 24 May 2022 16:48

Tgt Ion: 98 Resp: 603165
Ion Ratio Lower Upper
98 100
100 66.3 52.4 78.6

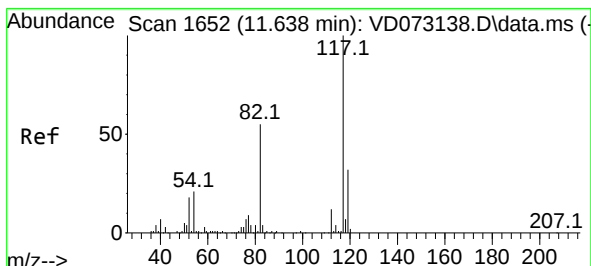
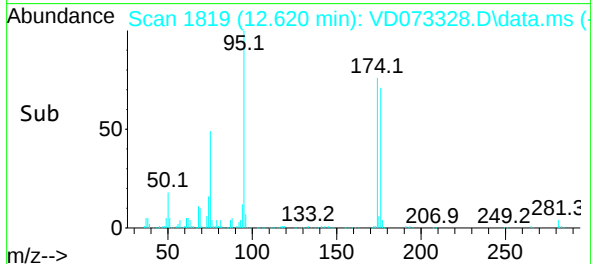
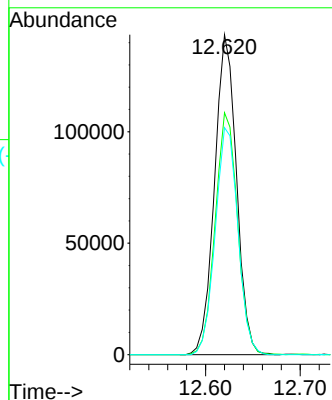
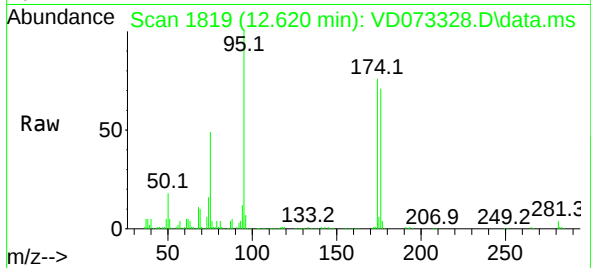




#62
4-Bromofluorobenzene
Concen: 56.003 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VD073328.D
Acq: 24 May 2022 16:48

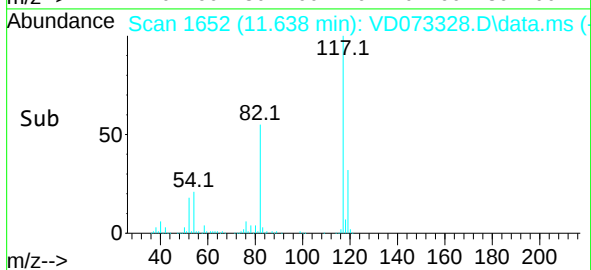
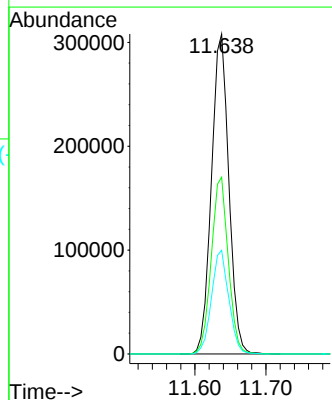
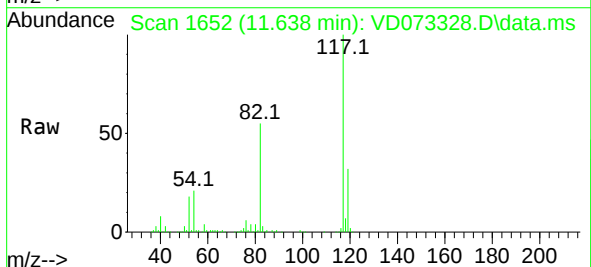
Instrument :
MSVOA_D
ClientSampleId :
P044-SS001-0612-02

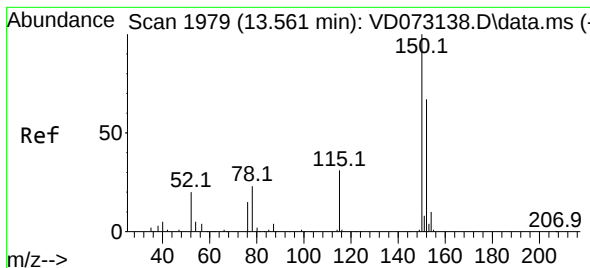
Tgt Ion: 95 Resp: 231150
Ion Ratio Lower Upper
95 100
174 77.2 0.0 152.8
176 73.2 0.0 145.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD073328.D
Acq: 24 May 2022 16:48

Tgt Ion: 117 Resp: 522345
Ion Ratio Lower Upper
117 100
82 55.3 45.3 67.9
119 32.4 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: VD073328.D

Acq: 24 May 2022 16:48

Instrument :

MSVOA_D

ClientSampleId :

P044-SS001-0612-02

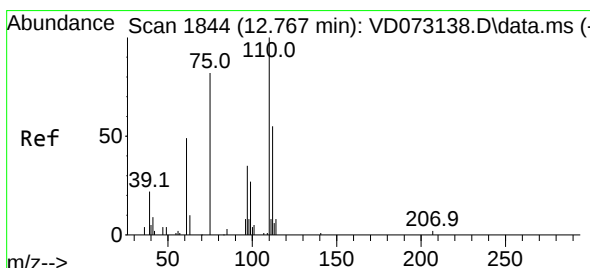
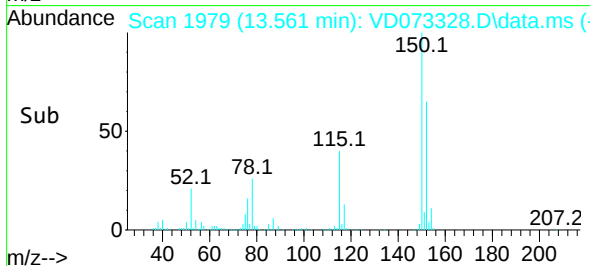
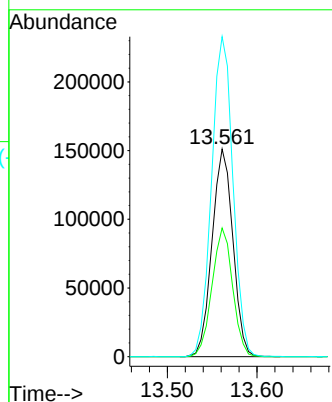
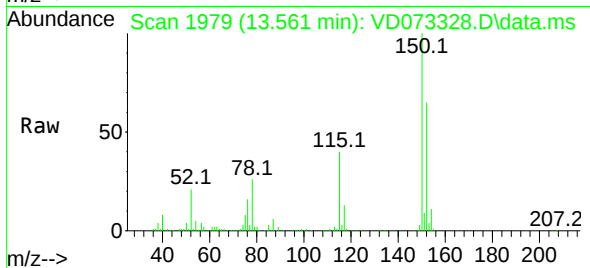
Tgt Ion:152 Resp: 243922

Ion Ratio Lower Upper

152 100

115 61.2 31.3 93.8

150 158.0 0.0 348.6



#76

1,2,3-Trichloropropane

Concen: 49.332 ug/l

RT: 12.620 min Scan# 1819

Delta R.T. -0.147 min

Lab File: VD073328.D

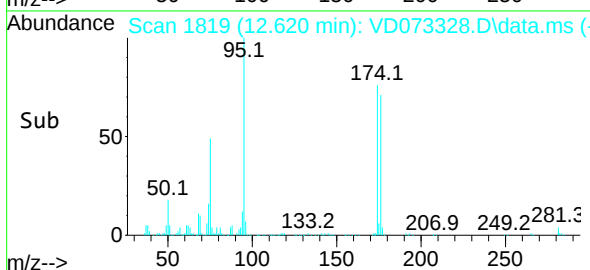
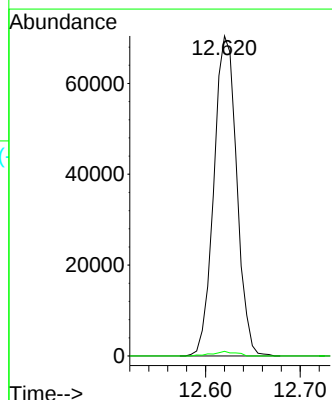
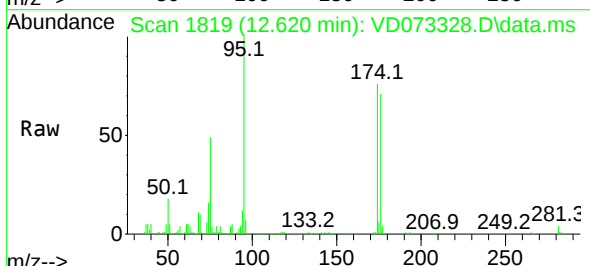
Acq: 24 May 2022 16:48

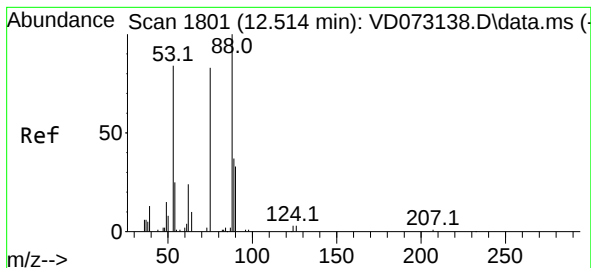
Tgt Ion: 75 Resp: 118066

Ion Ratio Lower Upper

75 100

77 1.5 0.0 0.0#

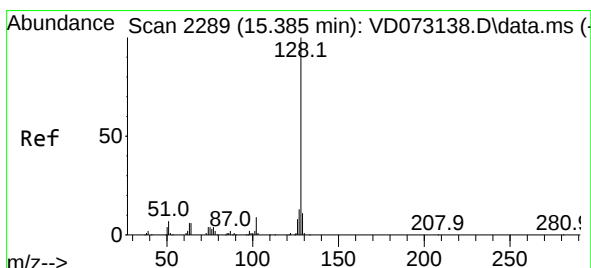
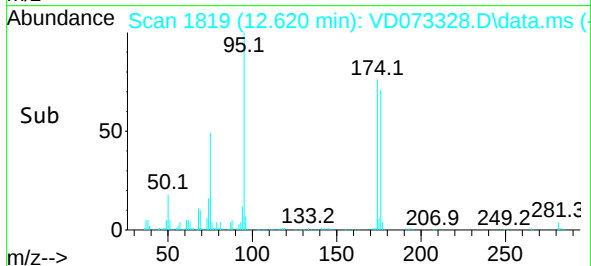
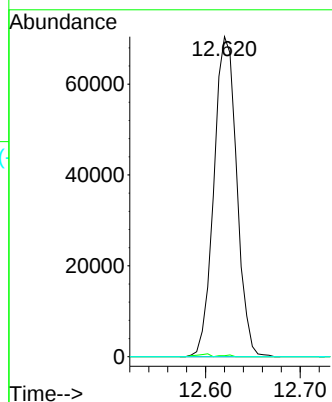
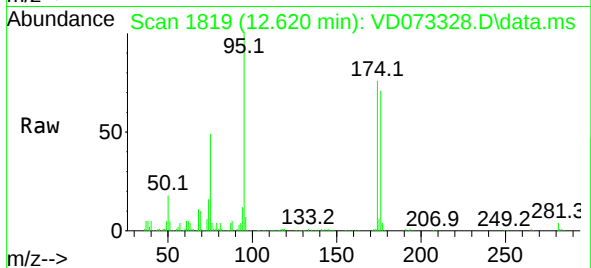




#81
trans-1,4-Dichloro-2-butene
Concen: 118.431 ug/l
RT: 12.620 min Scan# 118066
Delta R.T. 0.106 min
Lab File: VD073328.D
Acq: 24 May 2022 16:48

Instrument :
MSVOA_D
ClientSampleId :
P044-SS001-0612-02

Tgt Ion: 75 Resp: 118066
Ion Ratio Lower Upper
75 100
53 0.1 86.5 129.7#
89 0.0 33.9 50.9#



#95
Naphthalene
Concen: 3.638 ug/l
RT: 15.379 min Scan# 2288
Delta R.T. -0.006 min
Lab File: VD073328.D
Acq: 24 May 2022 16:48

Tgt Ion:128 Resp: 832
Ion Ratio Lower Upper
128 100
127 0.0 10.3 15.5#
129 0.0 8.4 12.6#

