

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD013122\
 Data File : VD071849.D
 Acq On : 31 Jan 2022 17:02
 Operator : VA/SY
 Sample : N1325-07RE
 Misc : 2.89G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TES-3

Quant Time: Feb 01 04:04:10 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D012622S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 27 06:04:38 2022
 Response via : Initial Calibration

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

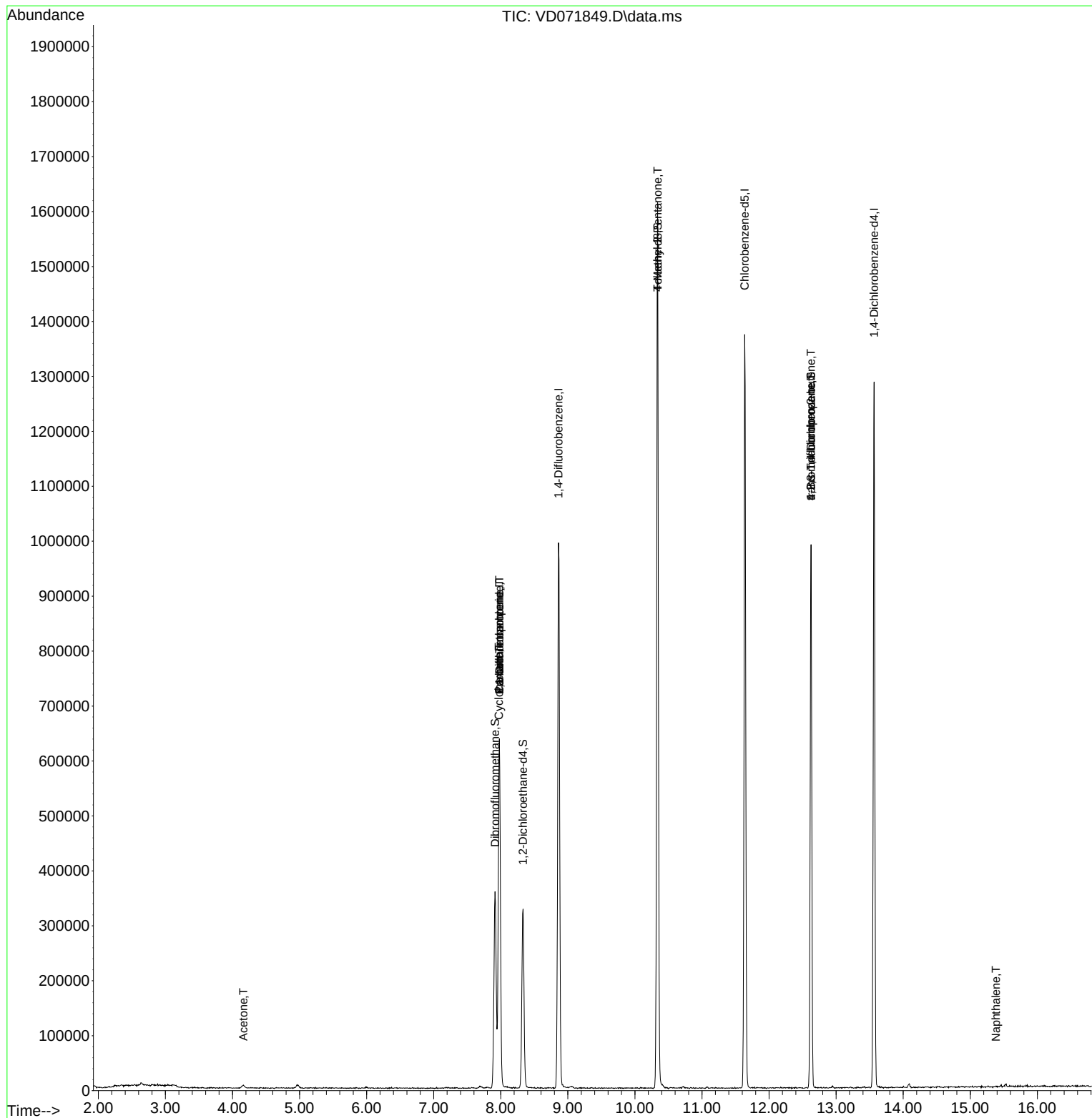
Internal Standards						
1) Pentafluorobenzene	7.979	168	439640	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	795228	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	724183	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	309894	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	262767	47.287	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	94.580%
35) Dibromofluoromethane	7.914	113	251715	48.154	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	96.300%
50) Toluene-d8	10.338	98	1018697	52.182	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	104.360%
62) 4-Bromofluorobenzene	12.626	95	313688	46.013	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	92.020%
Target Compounds						
					Qvalue	
16) Acetone	4.161	43	10171	6.686	ug/l	91
20) Methylene Chloride	4.979	84	3398	Below Cal	#	91
31) Cyclohexane	7.973	56	12913	1.217	ug/l #	1
36) 1,1-Dichloropropene	7.979	75	40735	4.540	ug/l #	50
38) Carbon Tetrachloride	7.979	117	48750	5.495	ug/l #	16
51) 4-Methyl-2-Pentanone	10.338	43	6147	1.567	ug/l #	1
76) 1,2,3-Trichloropropane	12.626	75	171739	52.586	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.626	75	171739	129.296	ug/l #	7
95) Naphthalene	15.384	128	141	1.467	ug/l #	70

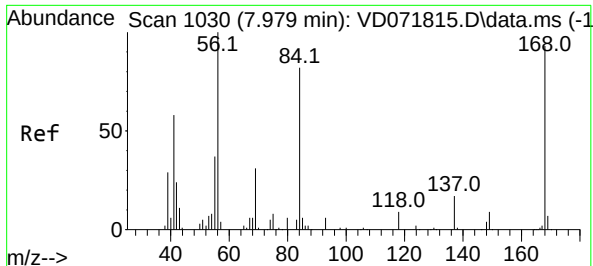
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD071849\
Data File : VD071849.D
Acq On : 31 Jan 2022 17:02
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Sample : N1325-07RE
Misc : 2.89G/5.00ml/MSVOA_D/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_D
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TES-3

Quant Time: Feb 01 04:04:10 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D012622S.M
Quant Title : SW846 8260
QLast Update : Thu Jan 27 06:04:38 2022
Response via : Initial Calibration

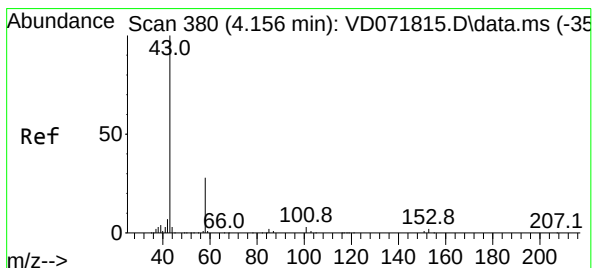
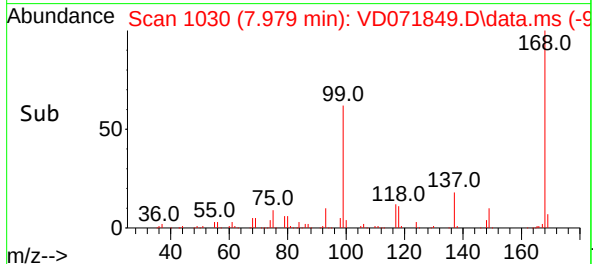
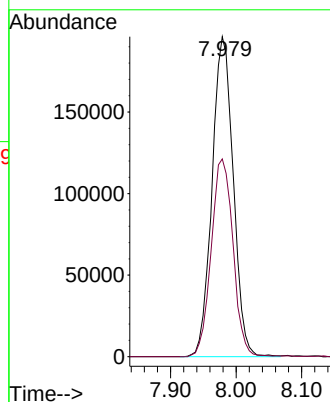
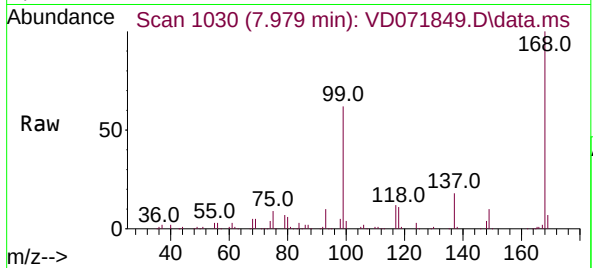




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.000 min
Lab File: VD071849.D
Acq: 31 Jan 2022 17:02

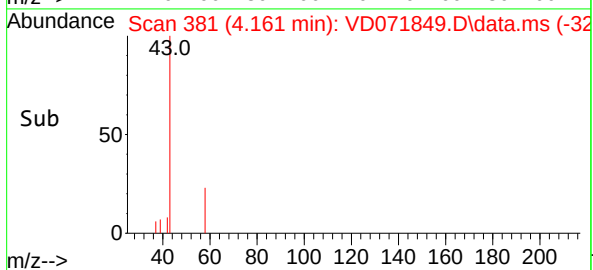
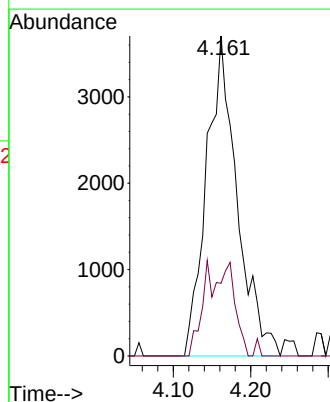
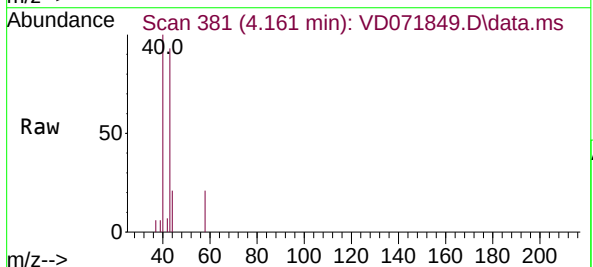
Instrument :
MSVOA_D
ClientSampleId :
TES-3

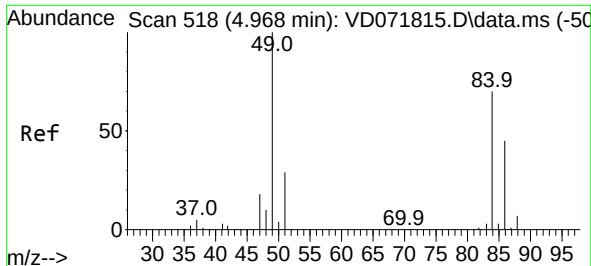
Tgt Ion:168 Resp: 439640
Ion Ratio Lower Upper
168 100
99 61.8 49.8 74.6



#16
Acetone
Concen: 6.686 ug/l
RT: 4.161 min Scan# 381
Delta R.T. 0.006 min
Lab File: VD071849.D
Acq: 31 Jan 2022 17:02

Tgt Ion: 43 Resp: 10171
Ion Ratio Lower Upper
43 100
58 22.7 22.1 33.1

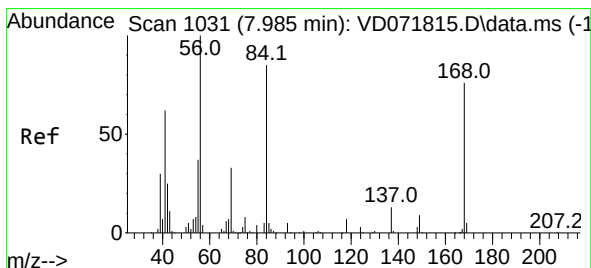
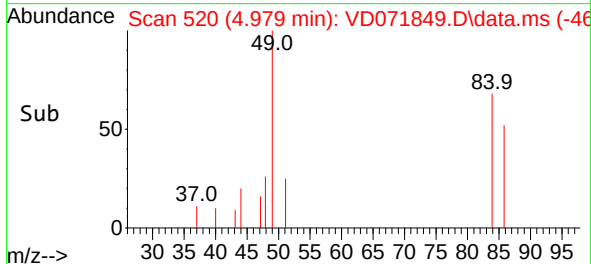
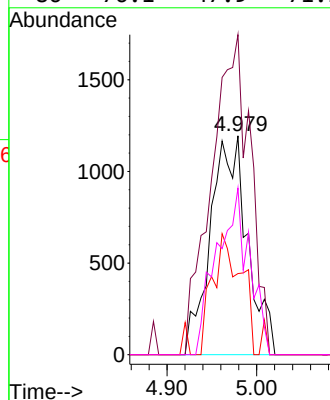
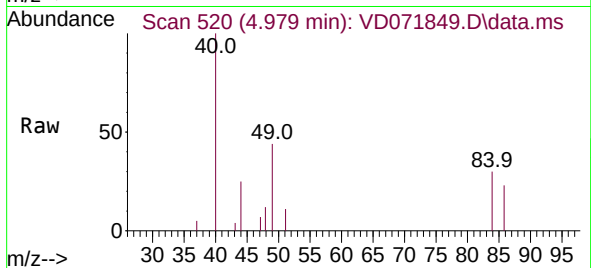




#20
Methylene Chloride
Concen: Below Cal
RT: 4.979 min Scan# 51
Delta R.T. 0.012 min
Lab File: VD071849.D
Acq: 31 Jan 2022 17:02

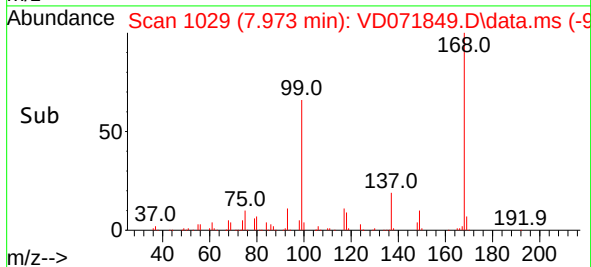
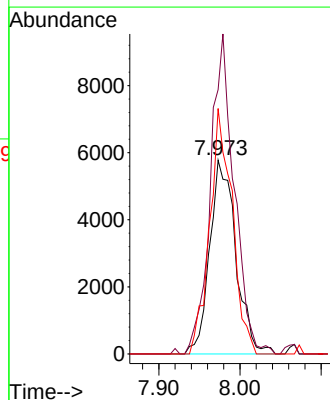
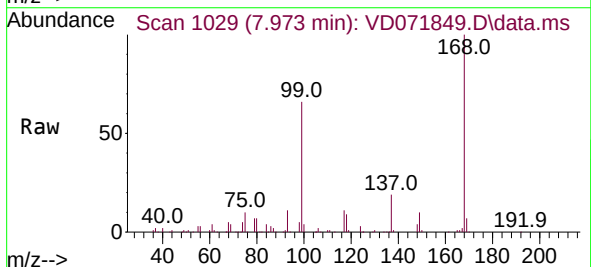
Instrument :
MSVOA_D
ClientSampleId :
TES-3

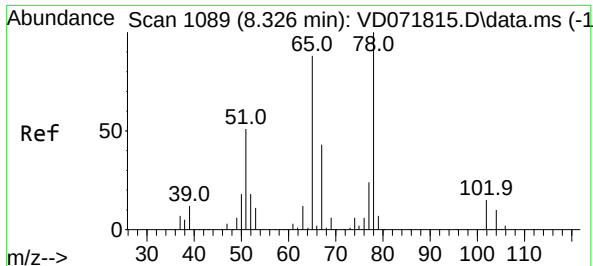
Tgt Ion: 84 Resp: 3398
Ion Ratio Lower Upper
84 100
49 146.2 112.8 169.2
51 37.1 32.6 48.8
86 76.1 47.9 71.9#



#31
Cyclohexane
Concen: 1.217 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.012 min
Lab File: VD071849.D
Acq: 31 Jan 2022 17:02

Tgt Ion: 56 Resp: 12913
Ion Ratio Lower Upper
56 100
69 136.4 25.4 38.2#
84 138.7 63.0 94.4#





#33

1,2-Dichloroethane-d4

Concen: 47.287 ug/l

RT: 8.332 min Scan# 1109

Delta R.T. 0.006 min

Lab File: VD071849.D

Acq: 31 Jan 2022 17:02

Instrument :

MSVOA_D

ClientSampleId :

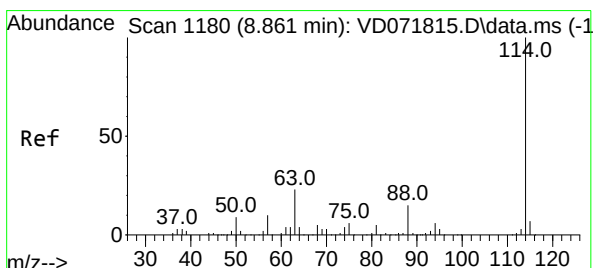
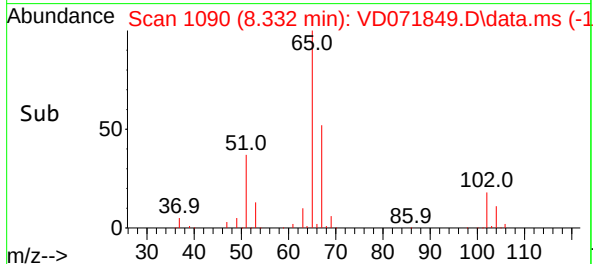
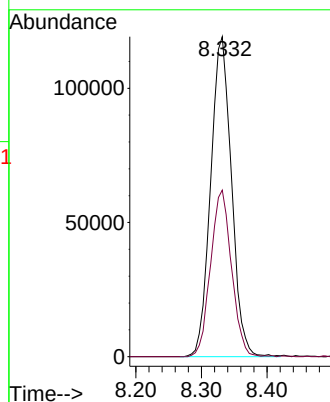
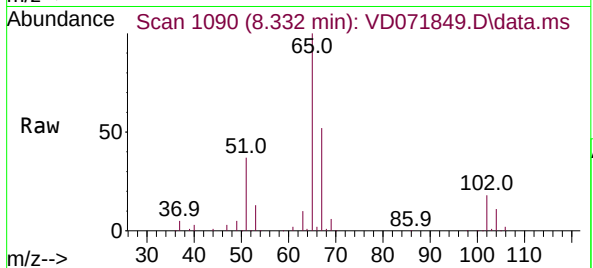
TES-3

Tgt Ion: 65 Resp: 262767

Ion Ratio Lower Upper

65 100

67 52.3 0.0 101.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.861 min Scan# 1180

Delta R.T. -0.000 min

Lab File: VD071849.D

Acq: 31 Jan 2022 17:02

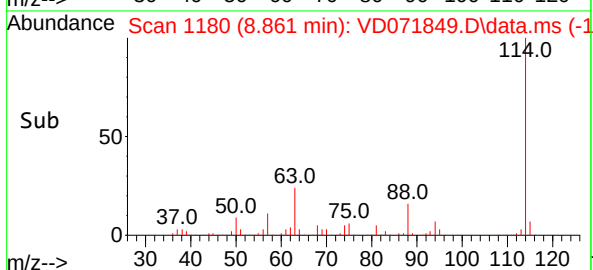
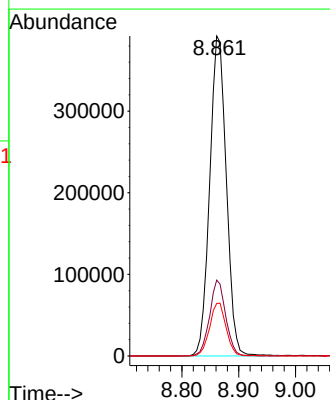
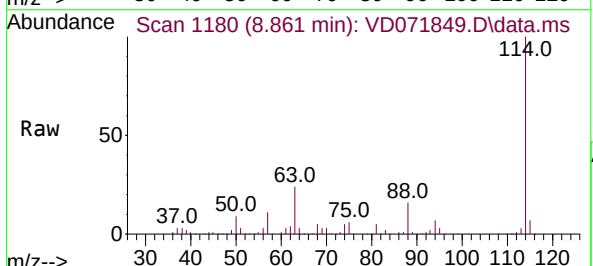
Tgt Ion: 114 Resp: 795228

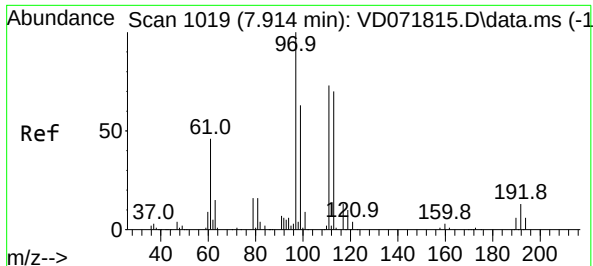
Ion Ratio Lower Upper

114 100

63 23.7 0.0 46.6

88 16.4 0.0 33.2





#35

Dibromofluoromethane

Concen: 48.154 ug/l

RT: 7.914 min Scan# 1019

Delta R.T. -0.000 min

Lab File: VD071849.D

Acq: 31 Jan 2022 17:02

Instrument :

MSVOA_D

ClientSampleId :

TES-3

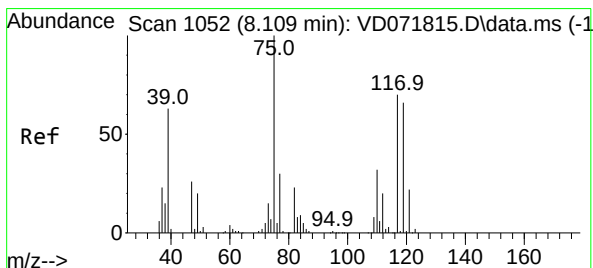
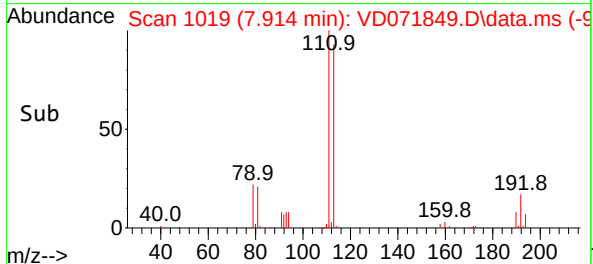
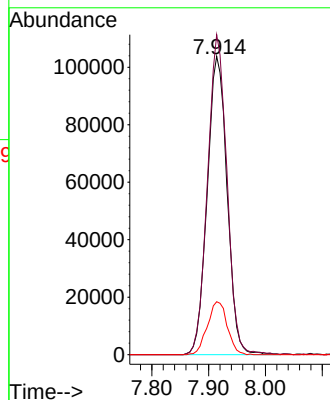
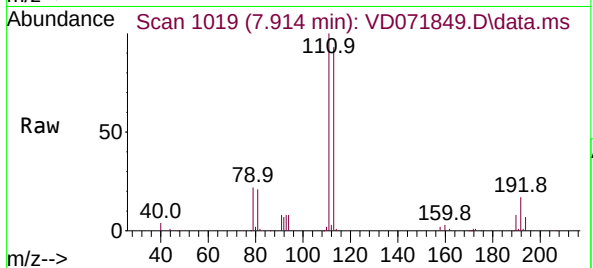
Tgt Ion:113 Resp: 251715

Ion Ratio Lower Upper

113 100

111 104.7 83.8 125.6

192 17.7 14.6 21.8



#36

1,1-Dichloropropene

Concen: 4.540 ug/l

RT: 7.979 min Scan# 1030

Delta R.T. -0.135 min

Lab File: VD071849.D

Acq: 31 Jan 2022 17:02

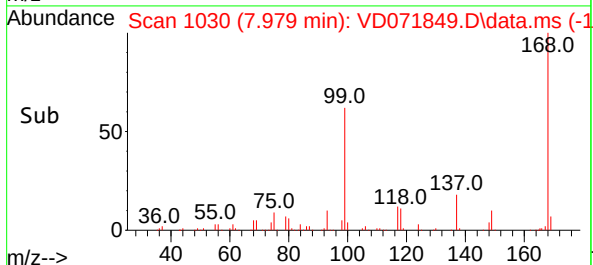
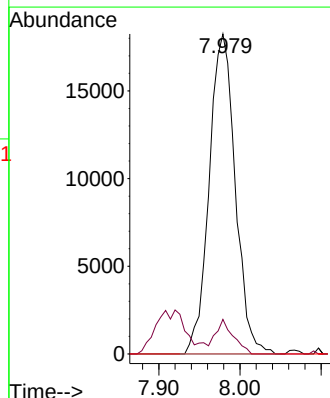
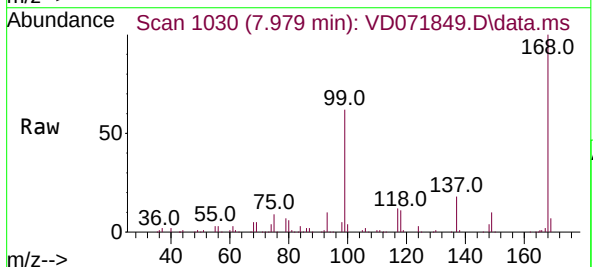
Tgt Ion: 75 Resp: 40735

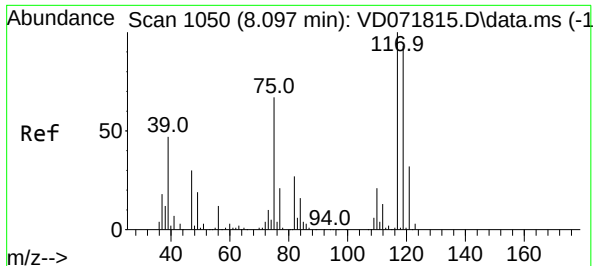
Ion Ratio Lower Upper

75 100

110 7.2 16.4 49.1#

77 0.0 24.2 36.2#

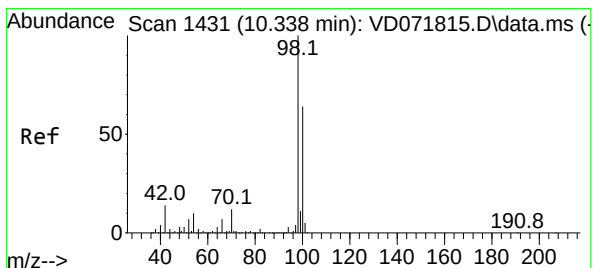
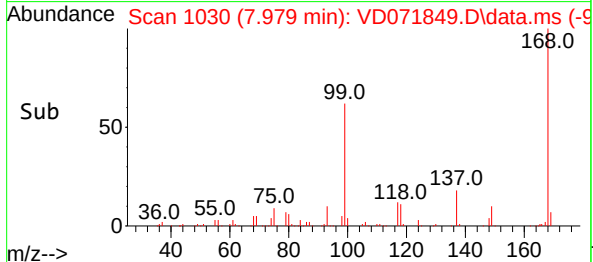
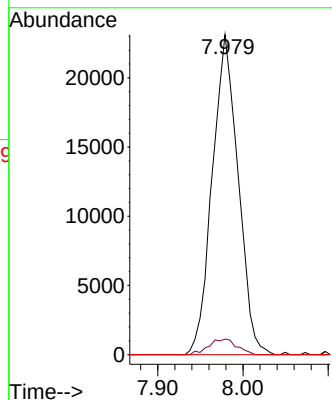
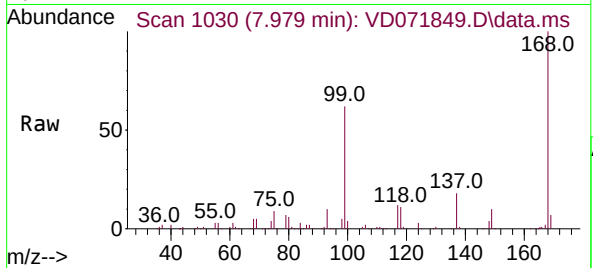




#38
Carbon Tetrachloride
Concen: 5.495 ug/l
RT: 7.979 min Scan# 1050
Delta R.T. -0.118 min
Lab File: VD071849.D
Acq: 31 Jan 2022 17:02

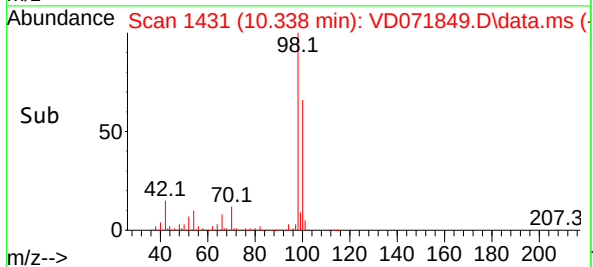
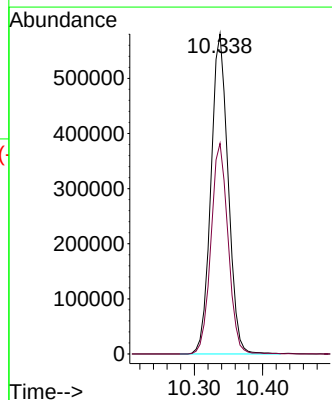
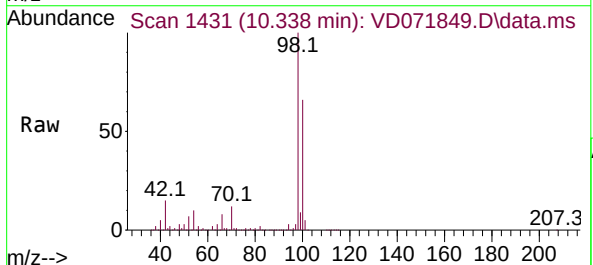
Instrument :
MSVOA_D
ClientSampleId :
TES-3

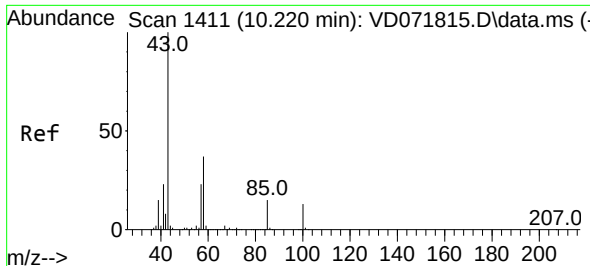
Tgt Ion:117 Resp: 48750
Ion Ratio Lower Upper
117 100
119 4.9 75.8 113.6#
121 0.0 24.5 36.7#



#50
Toluene-d8
Concen: 52.182 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD071849.D
Acq: 31 Jan 2022 17:02

Tgt Ion: 98 Resp: 1018697
Ion Ratio Lower Upper
98 100
100 65.5 52.4 78.6

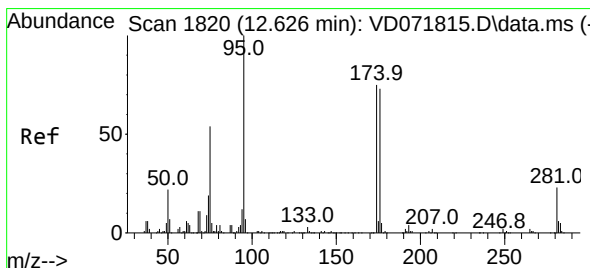
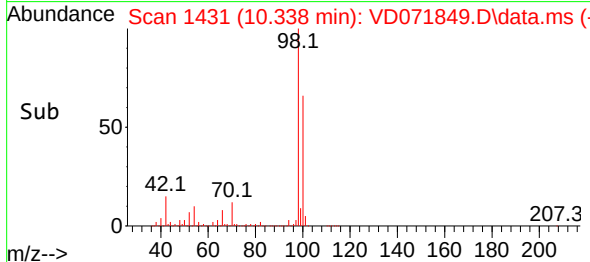
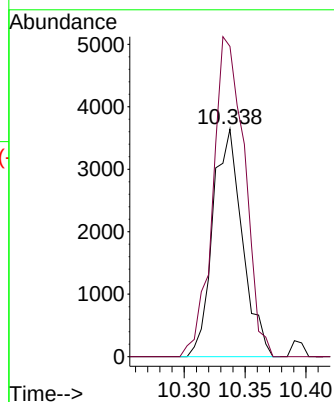
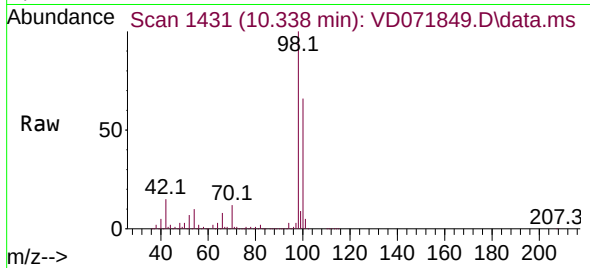




#51
4-Methyl-2-Pentanone
Concen: 1.567 ug/l
RT: 10.338 min Scan# 1411
Delta R.T. 0.112 min
Lab File: VD071849.D
Acq: 31 Jan 2022 17:02

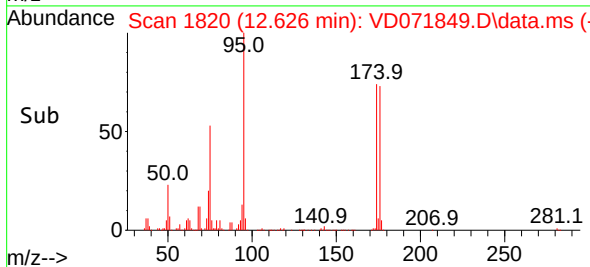
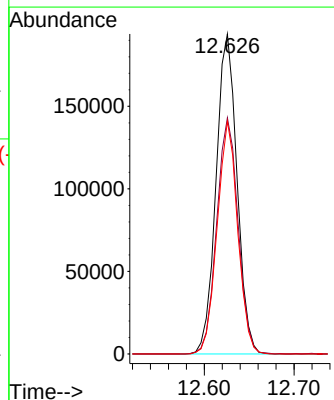
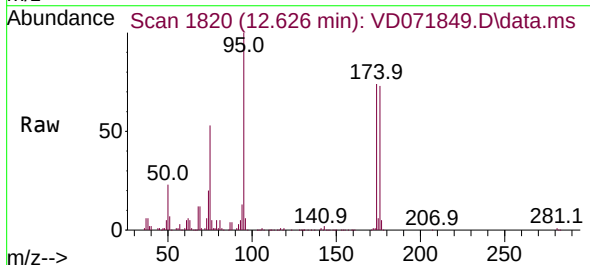
Instrument :
MSVOA_D
ClientSampleId :
TES-3

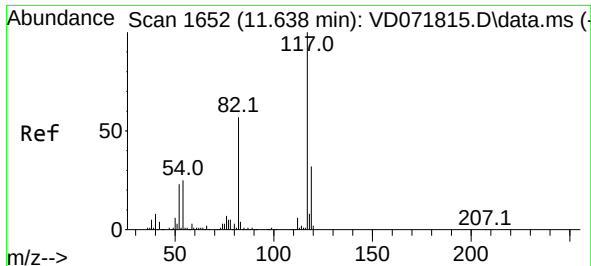
Tgt Ion: 43 Resp: 6147
Ion Ratio Lower Upper
43 100
58 150.5 28.6 43.0#



#62
4-Bromofluorobenzene
Concen: 46.013 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD071849.D
Acq: 31 Jan 2022 17:02

Tgt Ion: 95 Resp: 313688
Ion Ratio Lower Upper
95 100
174 75.3 0.0 152.8
176 71.3 0.0 145.4

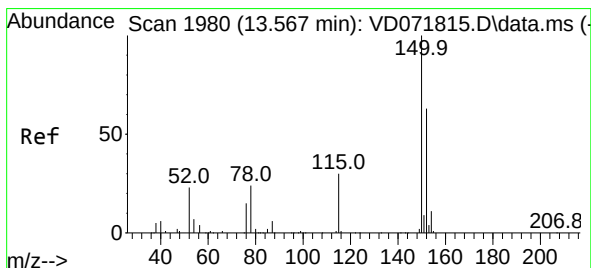
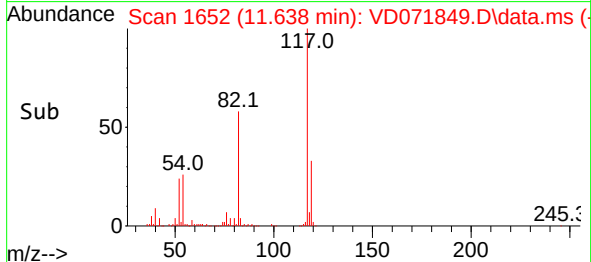
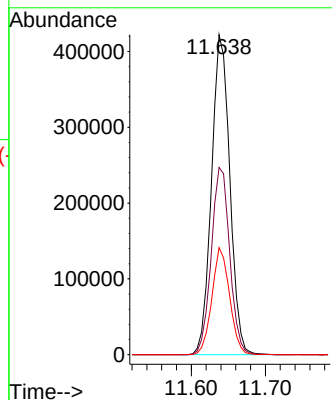
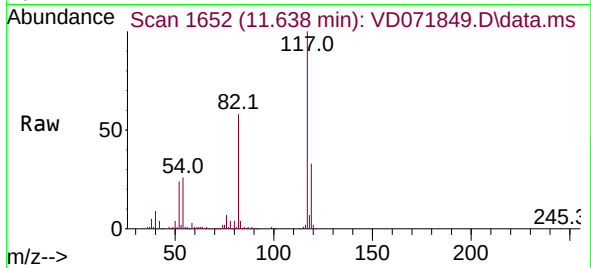




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1170
Delta R.T. -0.000 min
Lab File: VD071849.D
Acq: 31 Jan 2022 17:02

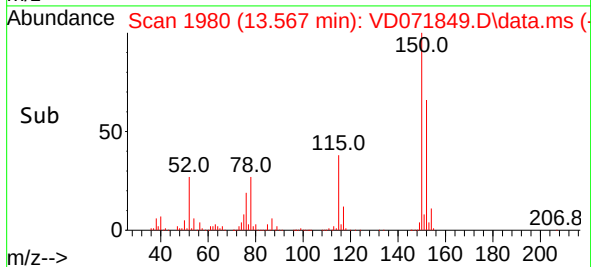
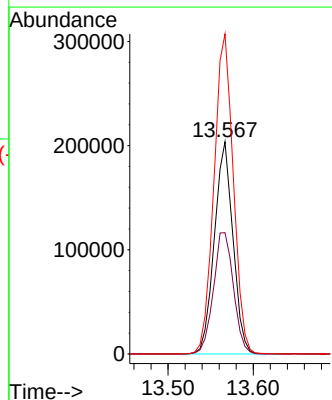
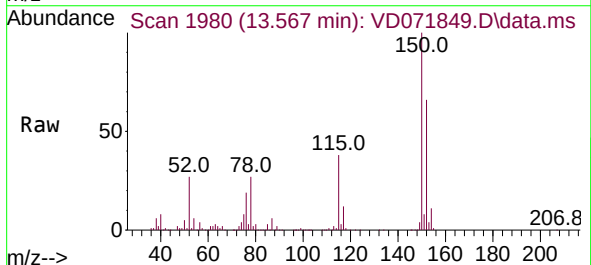
Instrument :
MSVOA_D
ClientSampleId :
TES-3

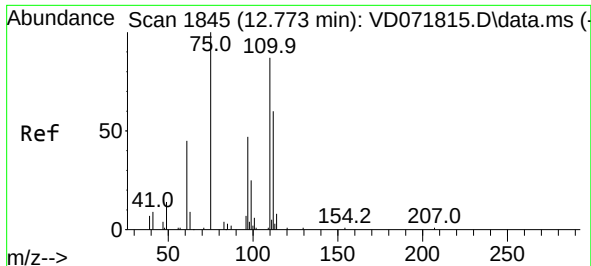
Tgt Ion:117 Resp: 724183
Ion Ratio Lower Upper
117 100
82 58.5 45.3 67.9
119 33.4 26.6 40.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. -0.000 min
Lab File: VD071849.D
Acq: 31 Jan 2022 17:02

Tgt Ion:152 Resp: 309894
Ion Ratio Lower Upper
152 100
115 61.6 31.3 93.8
150 156.6 0.0 348.6

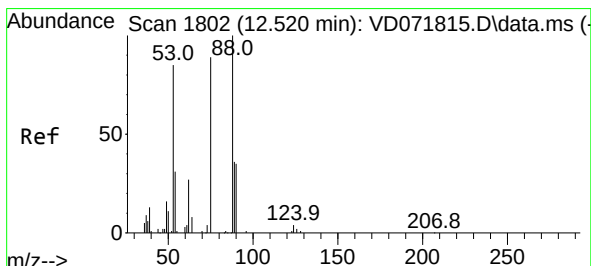
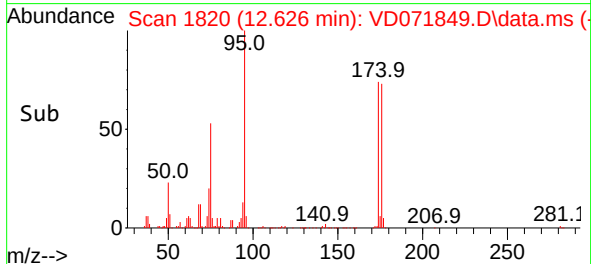
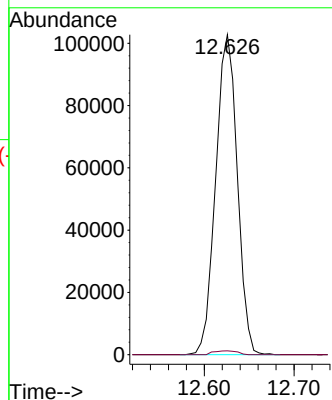
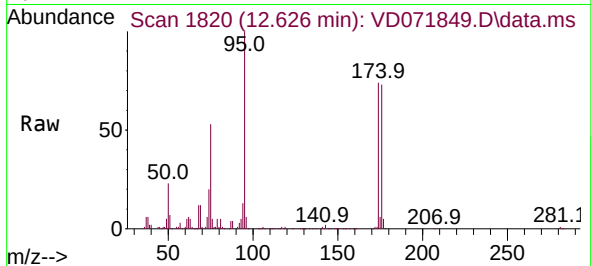




#76
1,2,3-Trichloropropane
Concen: 52.586 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.147 min
Lab File: VD071849.D
Acq: 31 Jan 2022 17:02

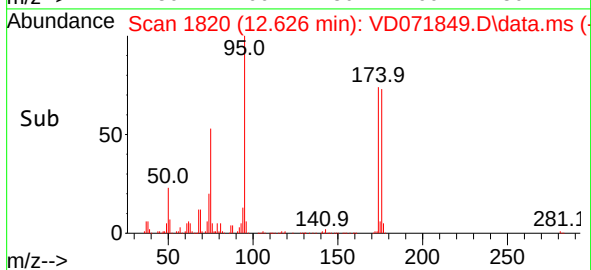
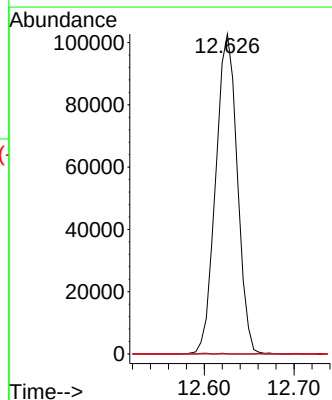
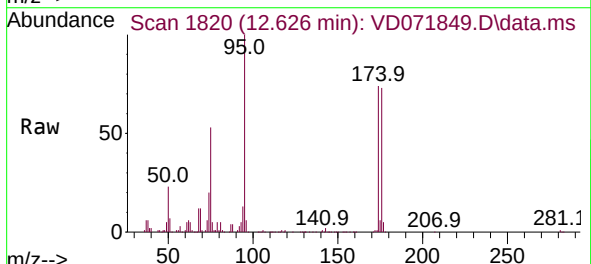
Instrument :
MSVOA_D
ClientSampleId :
TES-3

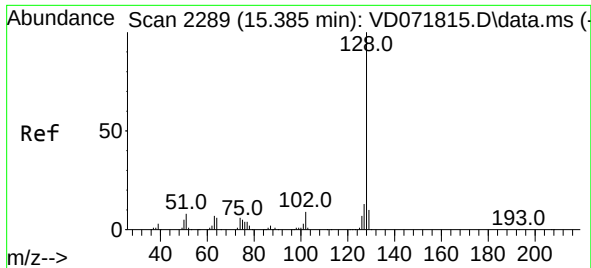
Tgt Ion: 75 Resp: 171739
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 129.296 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.106 min
Lab File: VD071849.D
Acq: 31 Jan 2022 17:02

Tgt Ion: 75 Resp: 171739
Ion Ratio Lower Upper
75 100
53 0.1 86.5 129.7#
89 0.0 33.9 50.9#





#95

Naphthalene

Concen: 1.467 ug/l

RT: 15.384 min Scan# 21

Delta R.T. -0.000 min

Lab File: VD071849.D

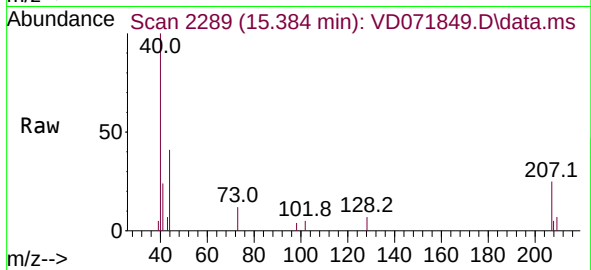
Acq: 31 Jan 2022 17:02

Instrument :

MSVOA_D

ClientSampleId :

TES-3



Tgt Ion:128 Resp: 141

Ion Ratio Lower Upper

128 100

127 0.0 10.3 15.5#

129 0.0 8.4 12.6#

