

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD013122\
 Data File : VD071845.D
 Acq On : 31 Jan 2022 15:11
 Operator : VA/SY
 Sample : N1325-07
 Misc : 3.33G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TES-3

Quant Time: Jan 31 15:41:45 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)

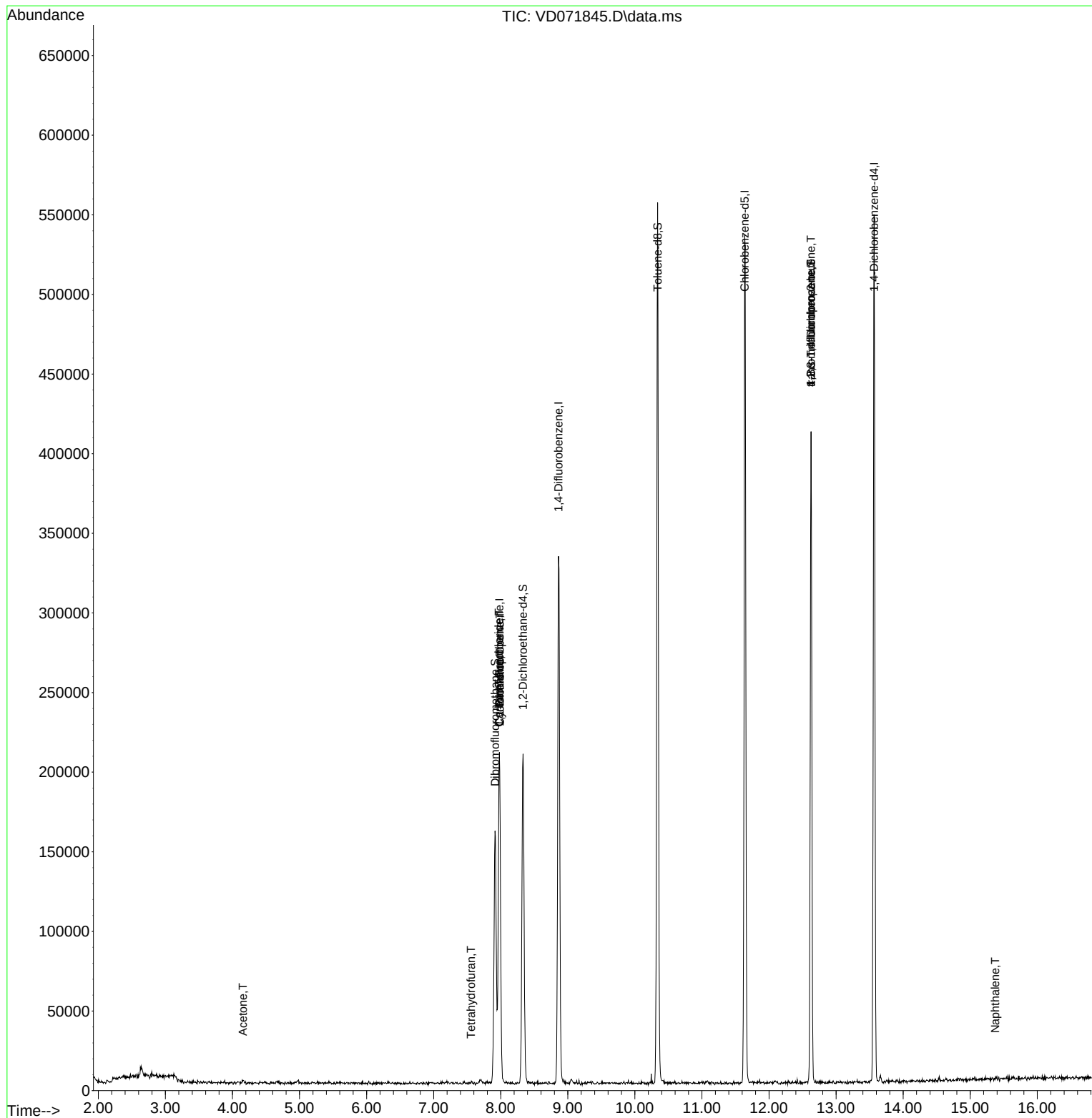
Internal Standards						
1) Pentafluorobenzene	7.979	168	146230	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	268147	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	291075	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	134533	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	171028	92.534	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 185.060%#			
35) Dibromofluoromethane	7.914	113	113471	64.377	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 128.760%			
50) Toluene-d8	10.338	98	349502	53.094	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 106.180%			
62) 4-Bromofluorobenzene	12.626	95	129335	56.262	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 112.520%			
Target Compounds						
11) Tert butyl alcohol	5.209	59	68	Below Cal	#	74
16) Acetone	4.156	43	2704	5.344	ug/l #	89
20) Methylene Chloride	4.968	84	396	Below Cal	#	31
29) Tetrahydrofuran	7.556	42	397	1.138	ug/l #	66
31) Cyclohexane	7.985	56	4353	1.234	ug/l #	27
36) 1,1-Dichloropropene	7.985	75	13511	4.466	ug/l #	53
38) Carbon Tetrachloride	7.973	117	16557	5.534	ug/l #	16
76) 1,2,3-Trichloropropane	12.626	75	71175	50.201	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.626	75	71175	123.432	ug/l #	7
95) Naphthalene	15.373	128	488	1.555	ug/l #	70

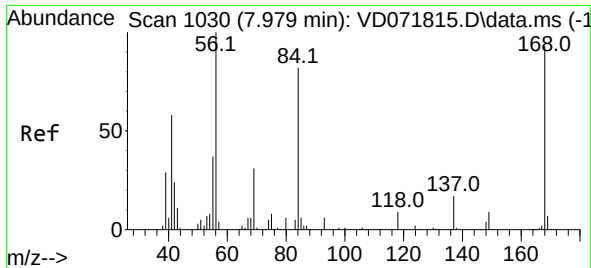
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ClientSampleId :
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Quant Time: Jan 31 15:41:45 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

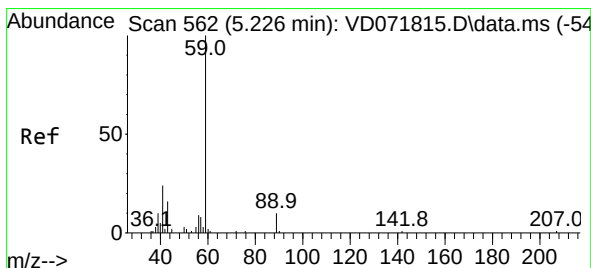
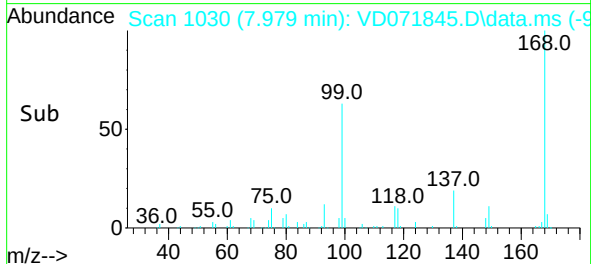
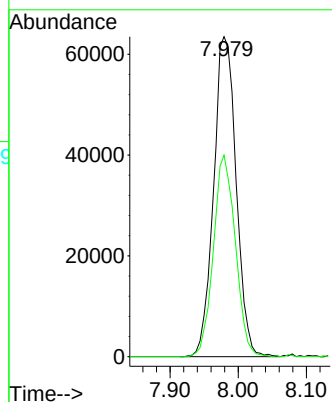
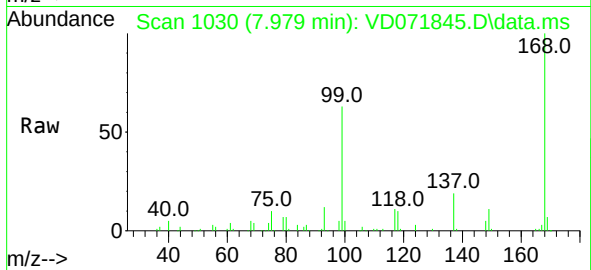




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD071845.D
Acq: 31 Jan 2022 15:11

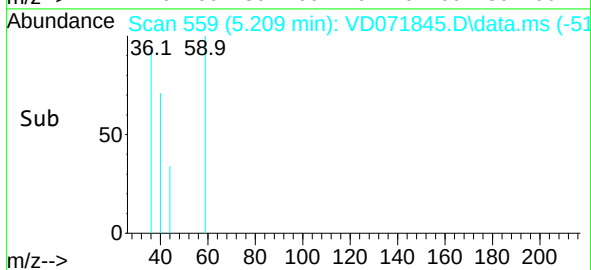
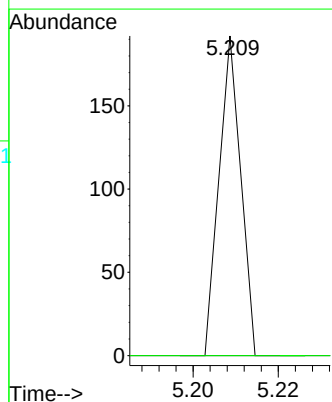
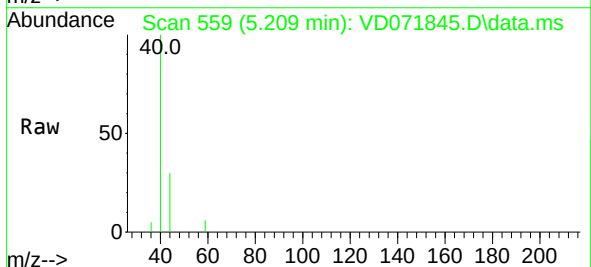
Instrument :
MSVOA_D
ClientSampleId :
TES-3

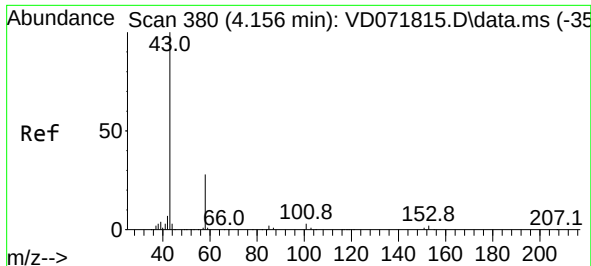
Tgt Ion:168 Resp: 146230
Ion Ratio Lower Upper
168 100
99 62.9 49.8 74.6



#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.209 min Scan# 559
Delta R.T. -0.012 min
Lab File: VD071845.D
Acq: 31 Jan 2022 15:11

Tgt Ion: 59 Resp: 68
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.6#





#16

Acetone

Concen: 5.344 ug/l

RT: 4.156 min Scan# 380

Delta R.T. 0.000 min

Lab File: VD071845.D

Acq: 31 Jan 2022 15:11

Instrument :

MSVOA_D

ClientSampleId :

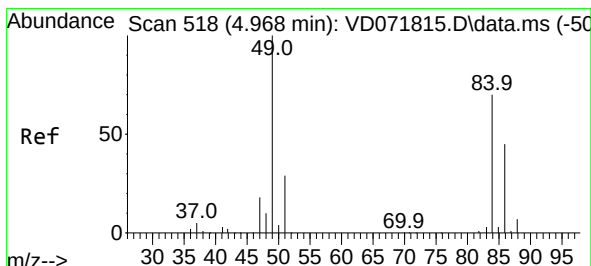
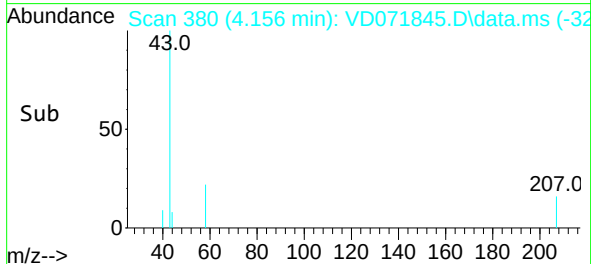
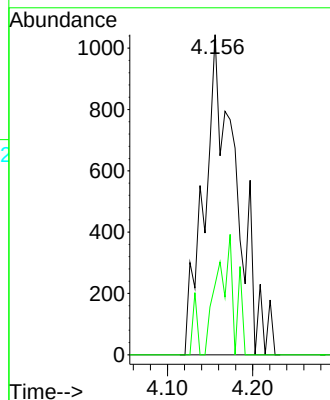
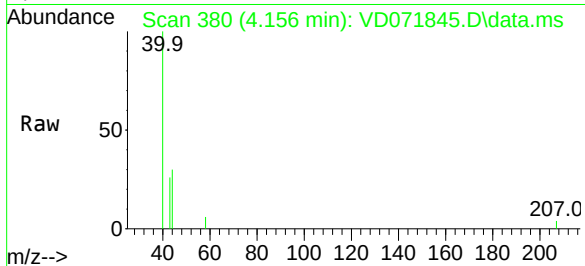
TES-3

Tgt Ion: 43 Resp: 2704

Ion Ratio Lower Upper

43 100

58 21.9 22.1 33.1#



#20

Methylene Chloride

Concen: Below Cal

RT: 4.968 min Scan# 518

Delta R.T. 0.000 min

Lab File: VD071845.D

Acq: 31 Jan 2022 15:11

Tgt Ion: 84 Resp: 396

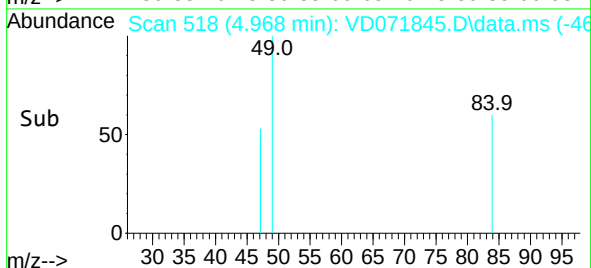
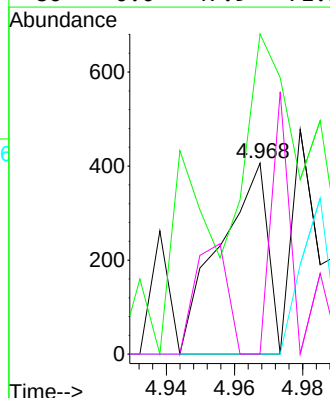
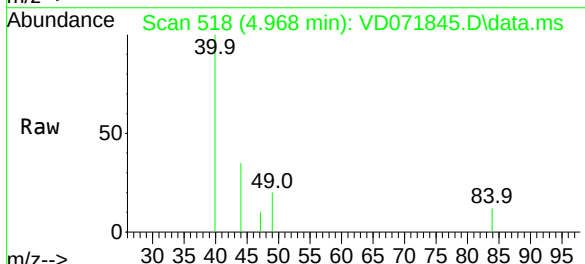
Ion Ratio Lower Upper

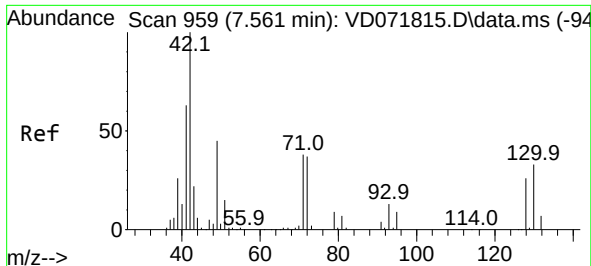
84 100

49 61.1 112.8 169.2#

51 0.0 32.6 48.8#

86 0.0 47.9 71.9#





#29

Tetrahydrofuran

Concen: 1.138 ug/l

RT: 7.556 min Scan# 91

Delta R.T. -0.006 min

Lab File: VD071845.D

Acq: 31 Jan 2022 15:11

Instrument :

MSVOA_D

ClientSampleId :

TES-3

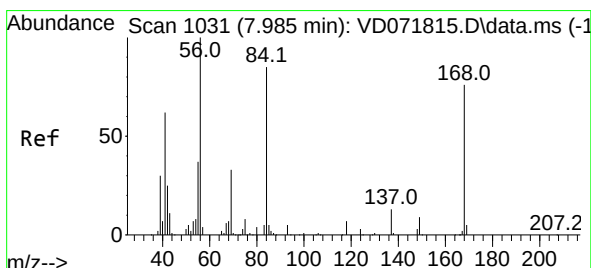
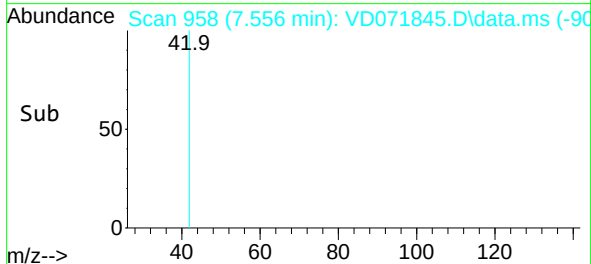
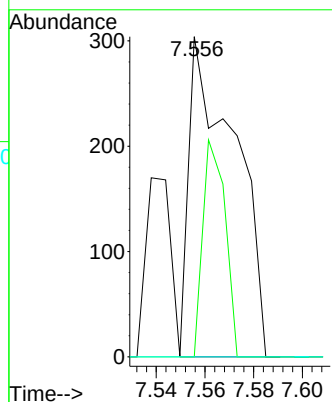
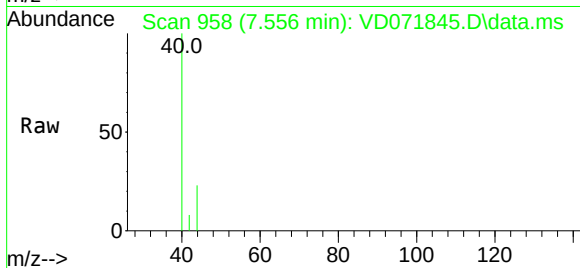
Tgt Ion: 42 Resp: 397

Ion Ratio Lower Upper

42 100

72 33.0 30.7 46.1

71 0.0 28.6 43.0#



#31

Cyclohexane

Concen: 1.234 ug/l

RT: 7.985 min Scan# 1031

Delta R.T. 0.000 min

Lab File: VD071845.D

Acq: 31 Jan 2022 15:11

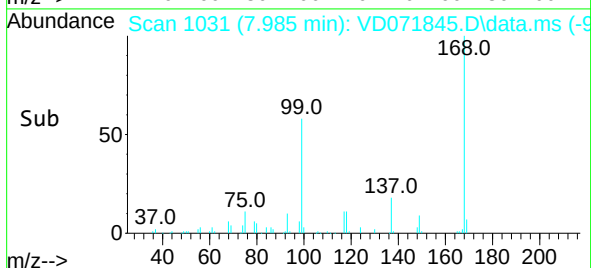
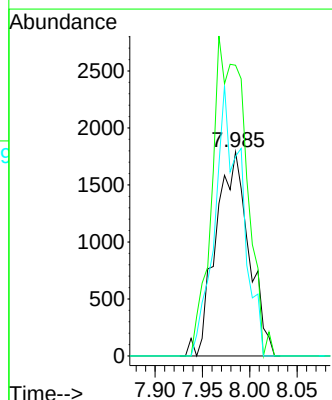
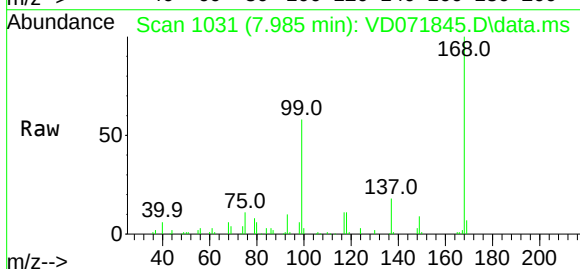
Tgt Ion: 56 Resp: 4353

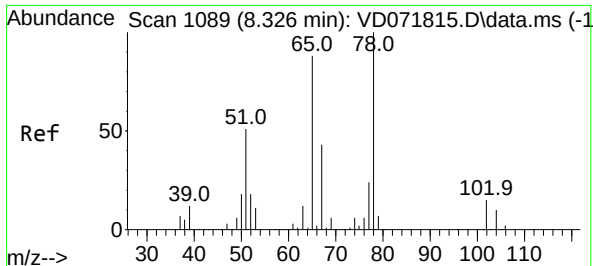
Ion Ratio Lower Upper

56 100

69 142.5 25.4 38.2#

84 97.8 63.0 94.4#





#33

1,2-Dichloroethane-d4

Concen: 92.534 ug/l

RT: 8.332 min Scan# 110

Delta R.T. 0.006 min

Lab File: VD071845.D

Acq: 31 Jan 2022 15:11

Instrument :

MSVOA_D

ClientSampleId :

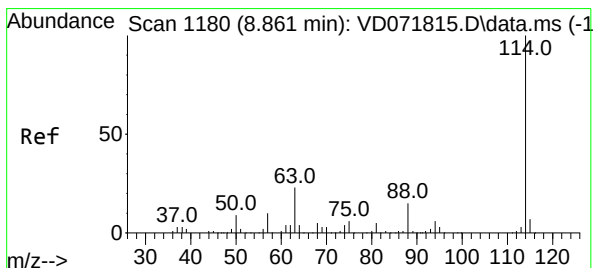
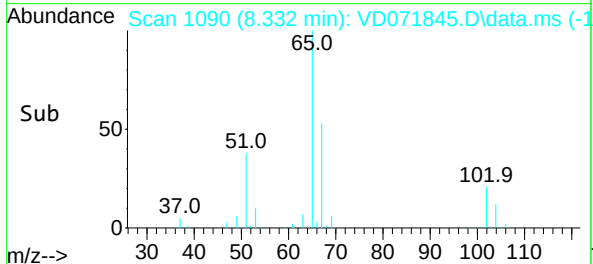
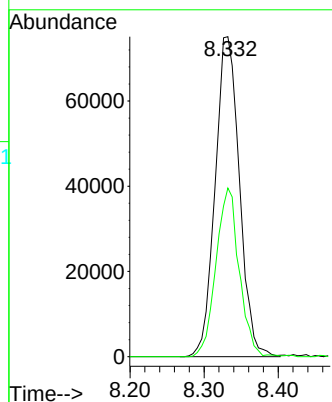
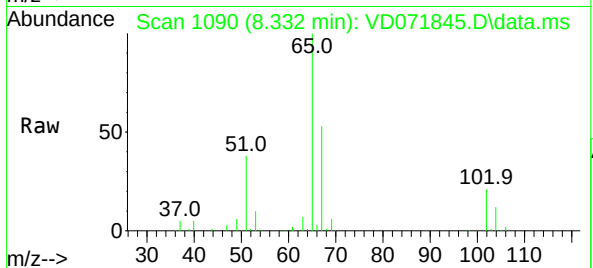
TES-3

Tgt Ion: 65 Resp: 171028

Ion Ratio Lower Upper

65 100

67 50.3 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: VD071845.D

Acq: 31 Jan 2022 15:11

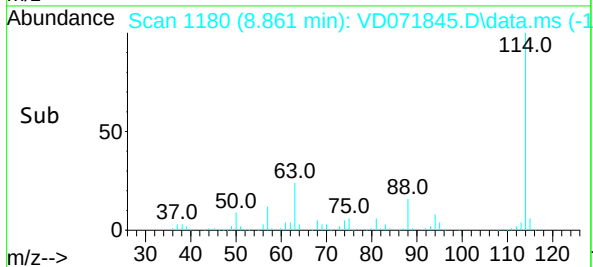
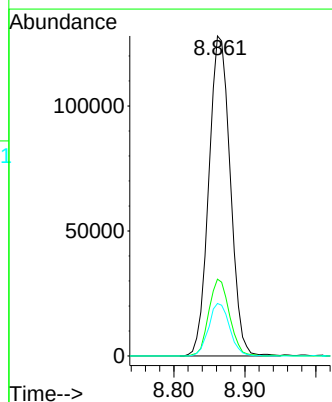
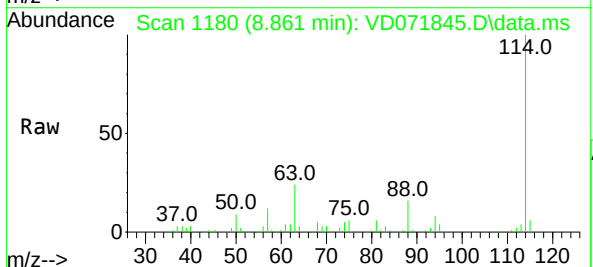
Tgt Ion: 114 Resp: 268147

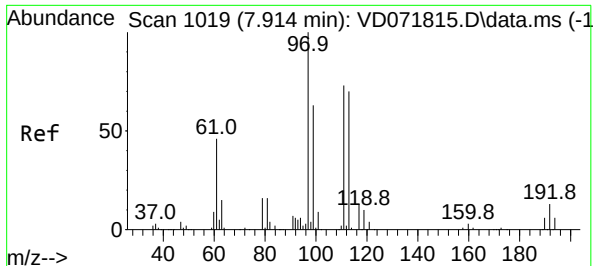
Ion Ratio Lower Upper

114 100

63 24.0 0.0 46.6

88 16.4 0.0 33.2





#35

Dibromofluoromethane

Concen: 64.377 ug/l

RT: 7.914 min Scan# 1019

Delta R.T. 0.000 min

Lab File: VD071845.D

Acq: 31 Jan 2022 15:11

Instrument :

MSVOA_D

ClientSampleId :

TES-3

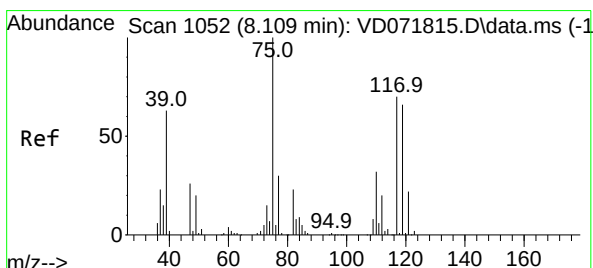
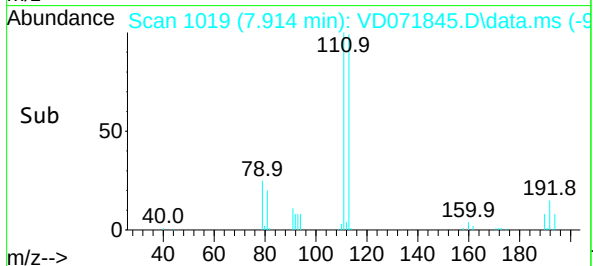
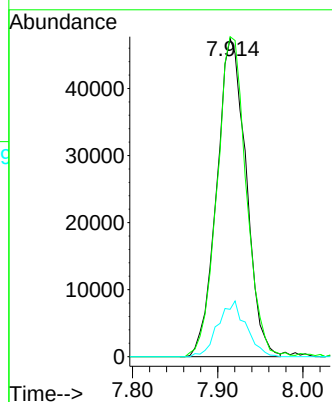
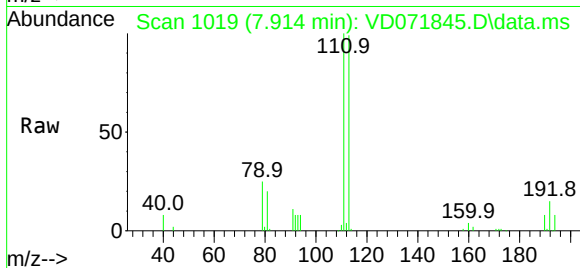
Tgt Ion:113 Resp: 113471

Ion Ratio Lower Upper

113 100

111 99.9 83.8 125.6

192 16.8 14.6 21.8



#36

1,1-Dichloropropene

Concen: 4.466 ug/l

RT: 7.985 min Scan# 1031

Delta R.T. -0.129 min

Lab File: VD071845.D

Acq: 31 Jan 2022 15:11

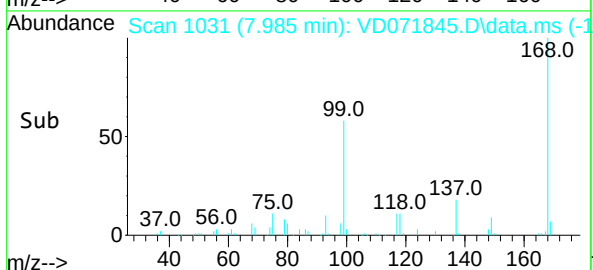
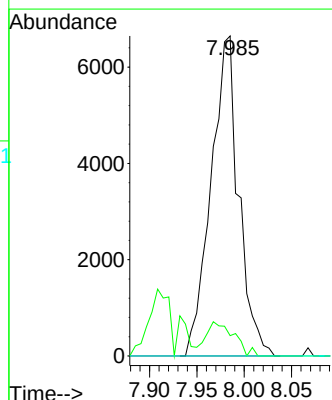
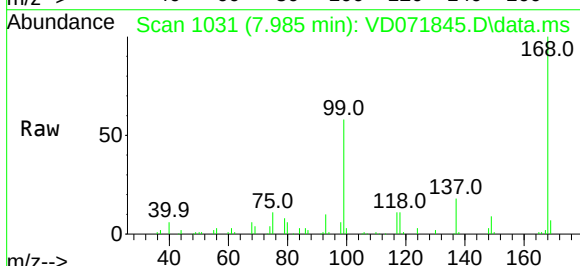
Tgt Ion: 75 Resp: 13511

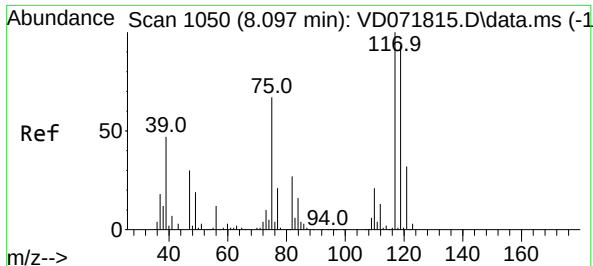
Ion Ratio Lower Upper

75 100

110 10.7 16.4 49.1#

77 0.0 24.2 36.2#

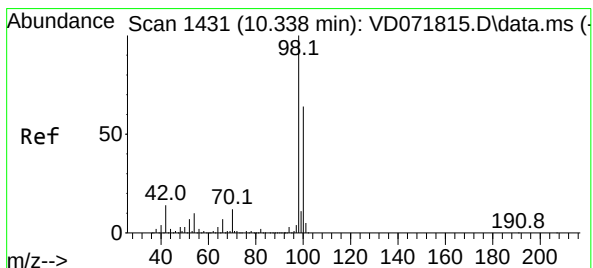
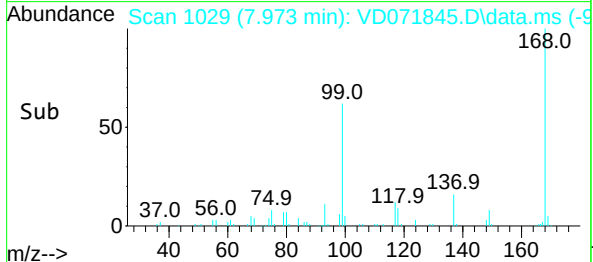
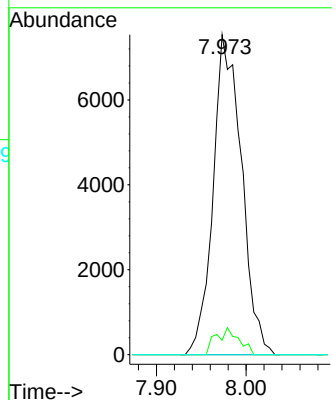
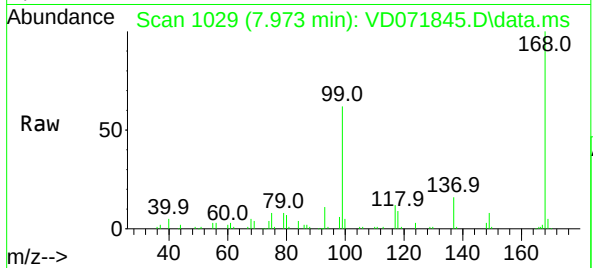




#38
Carbon Tetrachloride
Concen: 5.534 ug/l
RT: 7.973 min Scan# 1050
Delta R.T. -0.123 min
Lab File: VD071845.D
Acq: 31 Jan 2022 15:11

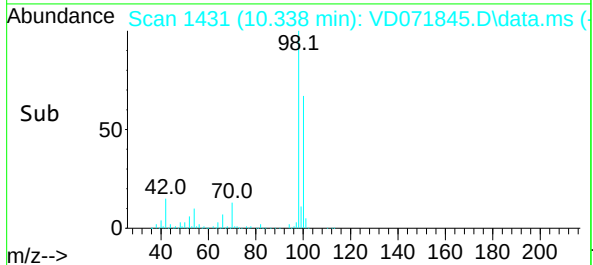
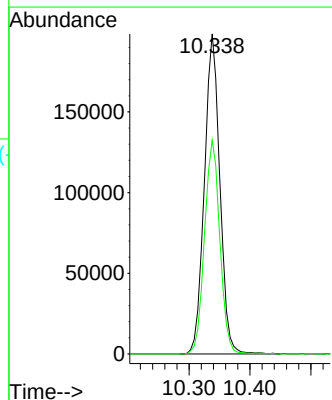
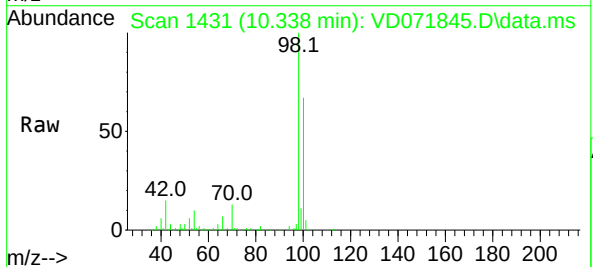
Instrument :
MSVOA_D
ClientSampleId :
TES-3

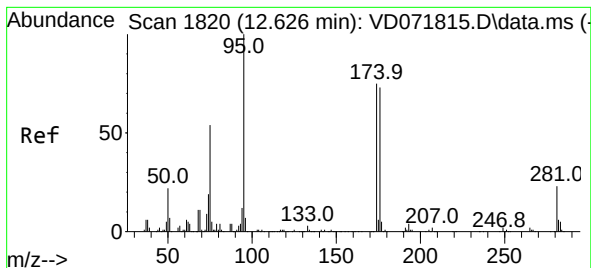
Tgt Ion:117 Resp: 16557
Ion Ratio Lower Upper
117 100
119 4.5 75.8 113.6#
121 0.0 24.5 36.7#



#50
Toluene-d8
Concen: 53.094 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. 0.000 min
Lab File: VD071845.D
Acq: 31 Jan 2022 15:11

Tgt Ion: 98 Resp: 349502
Ion Ratio Lower Upper
98 100
100 66.2 52.4 78.6

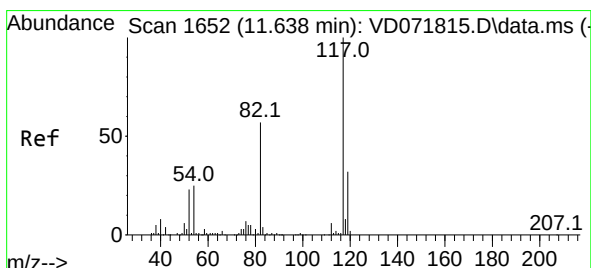
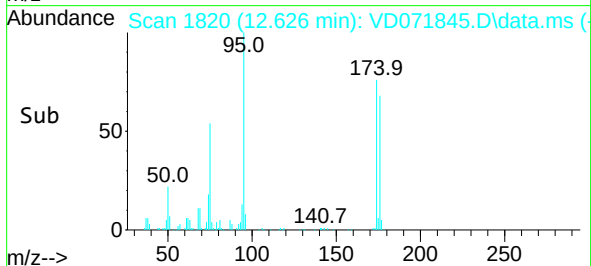
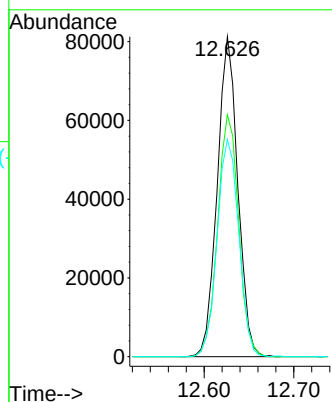
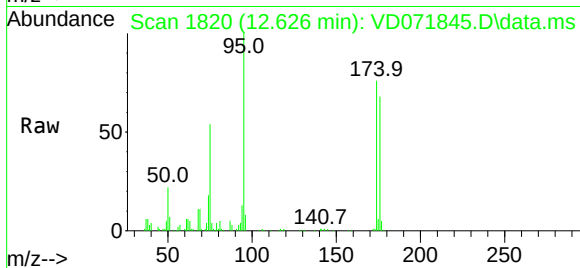




#62
4-Bromofluorobenzene
Concen: 56.262 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.000 min
Lab File: VD071845.D
Acq: 31 Jan 2022 15:11

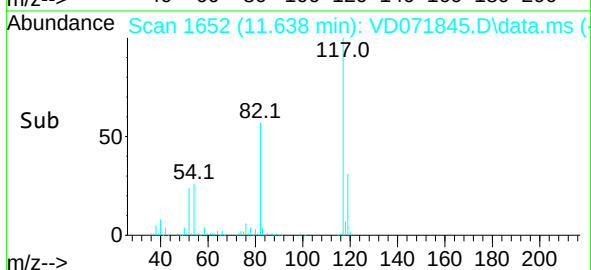
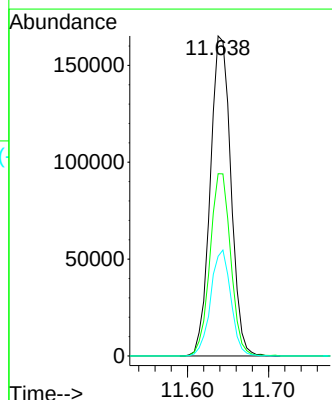
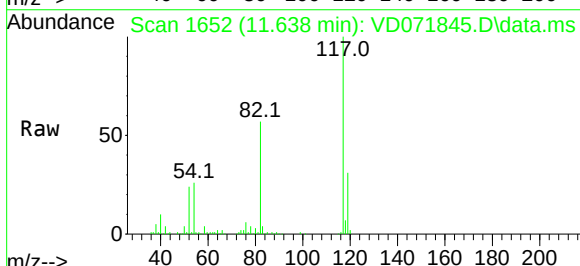
Instrument :
MSVOA_D
ClientSampleId :
TES-3

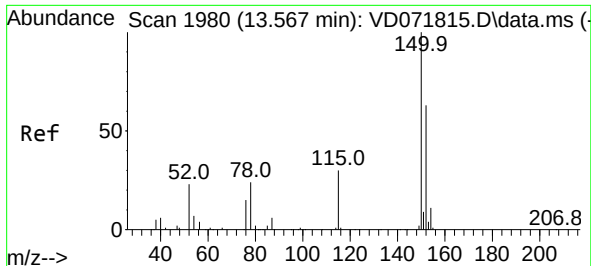
Tgt Ion: 95 Resp: 129335
Ion Ratio Lower Upper
95 100
174 77.1 0.0 152.8
176 71.5 0.0 145.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. 0.000 min
Lab File: VD071845.D
Acq: 31 Jan 2022 15:11

Tgt Ion: 117 Resp: 291075
Ion Ratio Lower Upper
117 100
82 56.9 45.3 67.9
119 31.1 26.6 40.0

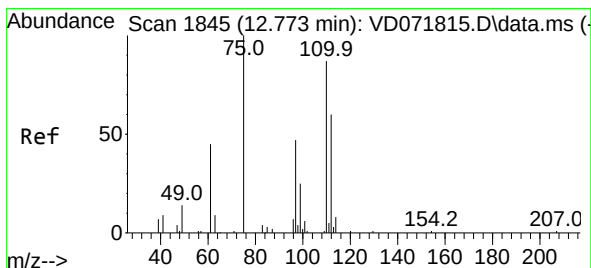
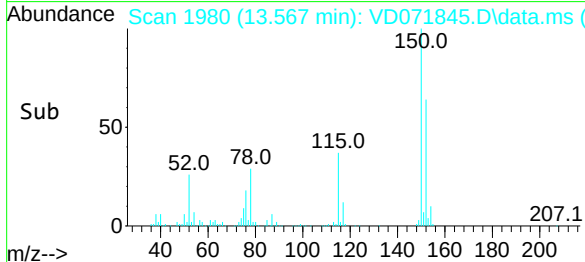
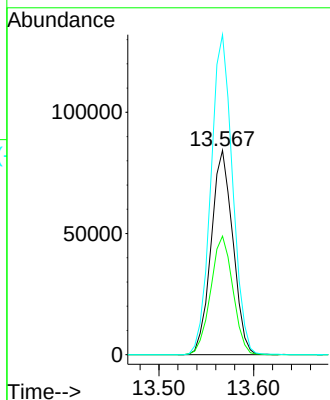
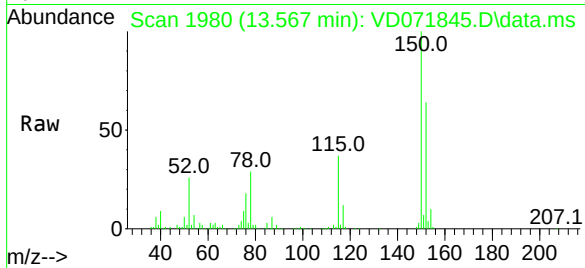




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.567 min Scan# 1980
 Delta R.T. 0.000 min
 Lab File: VD071845.D
 Acq: 31 Jan 2022 15:11

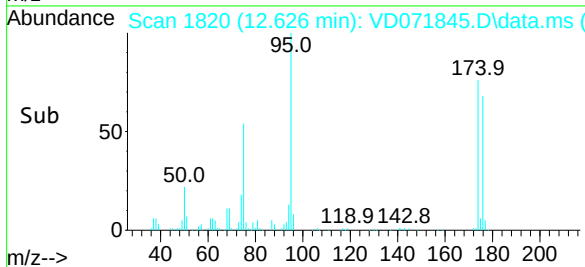
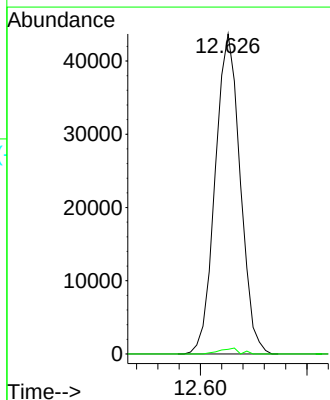
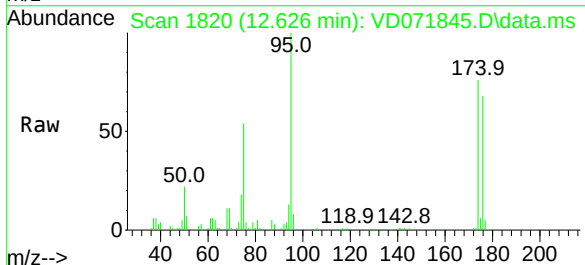
Instrument :
 MSVOA_D
 ClientSampleId :
 TES-3

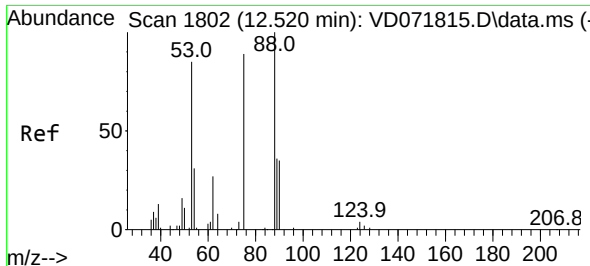
Tgt Ion:152 Resp: 134533
 Ion Ratio Lower Upper
 152 100
 115 59.2 31.3 93.8
 150 156.4 0.0 348.6



#76
 1,2,3-Trichloropropane
 Concen: 50.201 ug/l
 RT: 12.626 min Scan# 1820
 Delta R.T. -0.147 min
 Lab File: VD071845.D
 Acq: 31 Jan 2022 15:11

Tgt Ion: 75 Resp: 71175
 Ion Ratio Lower Upper
 75 100
 77 1.4 0.0 0.0#

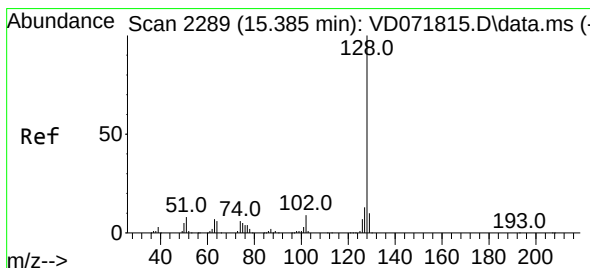
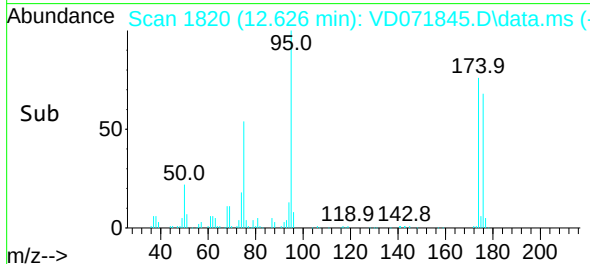
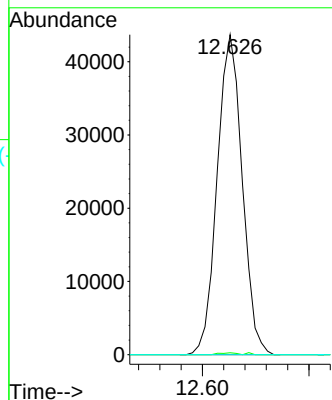
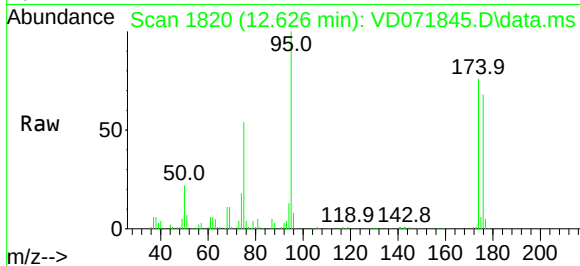




#81
trans-1,4-Dichloro-2-butene
Concen: 123.432 ug/l
RT: 12.626 min Scan# 11
Delta R.T. 0.106 min
Lab File: VD071845.D
Acq: 31 Jan 2022 15:11

Instrument :
MSVOA_D
ClientSampleId :
TES-3

Tgt Ion: 75 Resp: 71175
Ion Ratio Lower Upper
75 100
53 0.4 86.5 129.7#
89 0.0 33.9 50.9#



#95
Naphthalene
Concen: 1.555 ug/l
RT: 15.373 min Scan# 2287
Delta R.T. -0.012 min
Lab File: VD071845.D
Acq: 31 Jan 2022 15:11

Tgt Ion: 128 Resp: 488
Ion Ratio Lower Upper
128 100
127 0.0 10.3 15.5#
129 0.0 8.4 12.6#

