

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD122921\
 Data File : VD071519.D
 Acq On : 29 Dec 2021 10:46
 Operator : VA/SY
 Sample : VD1229SBL01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1229SBL01

Quant Time: Dec 29 15:24:15 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D122221S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 23 08:20:24 2021
 Response via : Initial Calibration

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

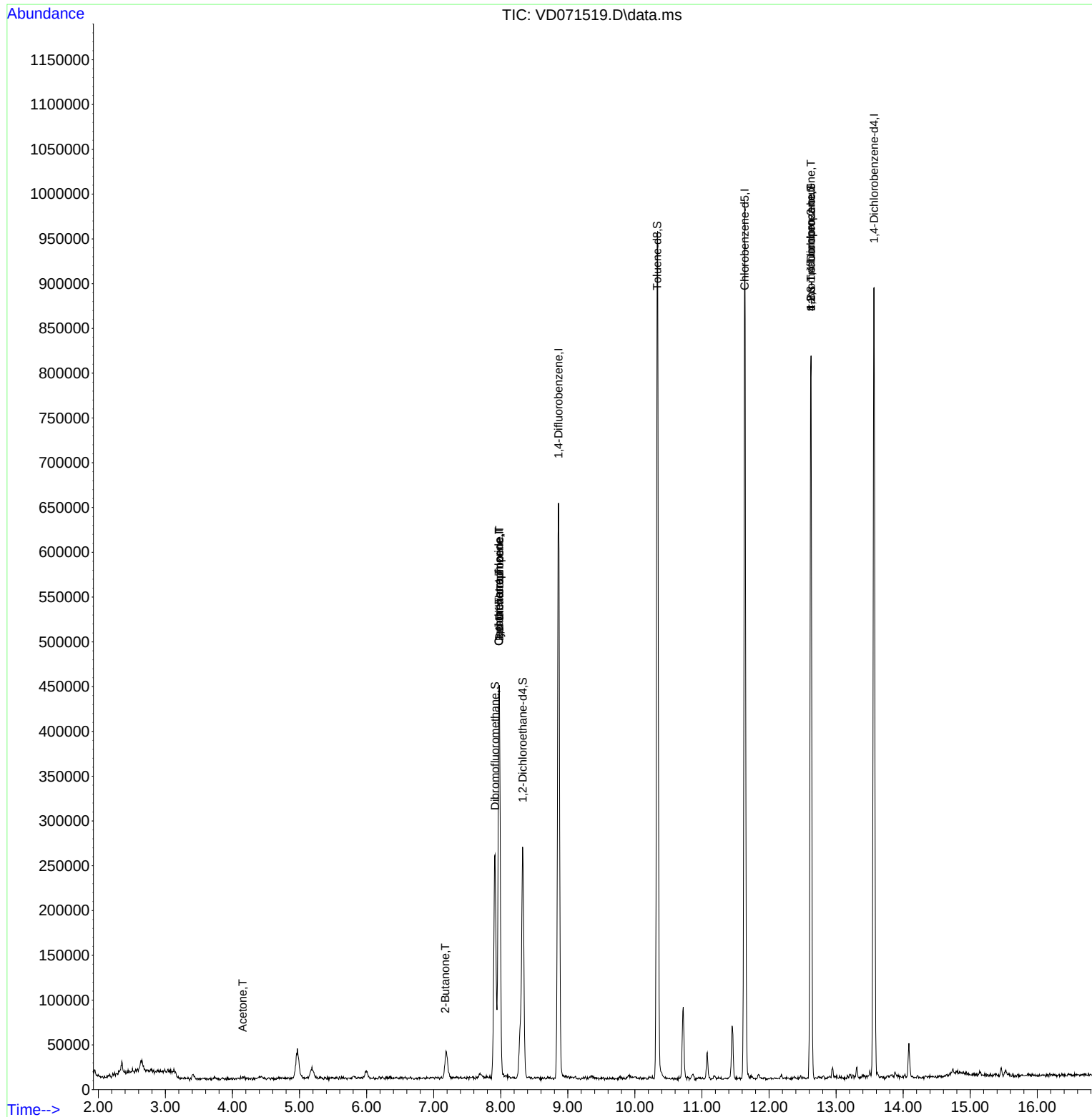
Internal Standards						
1) Pentafluorobenzene	7.979	168	313010	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	536531	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	491080	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	224959	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	198256	47.692	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	95.380%
35) Dibromofluoromethane	7.914	113	170947	47.408	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	94.820%
50) Toluene-d8	10.332	98	620661	45.547	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	91.100%
62) 4-Bromofluorobenzene	12.626	95	212715	43.929	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	87.860%
Target Compounds						
					Qvalue	
16) Acetone	4.150	43	1643	1.574	ug/l	90
20) Methylene Chloride	4.967	84	21486	Below Cal		91
25) 2-Butanone	7.173	43	1601	1.284	ug/l #	45
31) Cyclohexane	7.973	56	10066	1.425	ug/l #	31
36) 1,1-Dichloropropene	7.979	75	29569	5.133	ug/l #	50
38) Carbon Tetrachloride	7.973	117	33748	5.938	ug/l #	15
76) 1,2,3-Trichloropropane	12.626	75	122908	45.983	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.626	75	122908	129.926	ug/l #	18

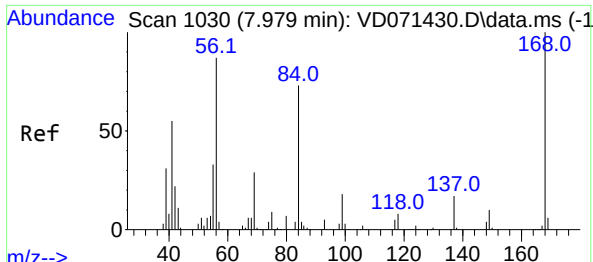
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD122921\
Data File : VD071519.D
Acq On : 29 Dec 2021 10:46
Operator : VA/SY
Sample : VD1229SBL01
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VD1229SBL01

Quant Time: Dec 29 15:24:15 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D122221S.M
Quant Title : SW846 8260
QLast Update : Thu Dec 23 08:20:24 2021
Response via : Initial Calibration

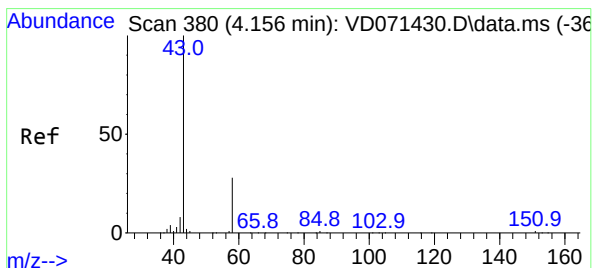
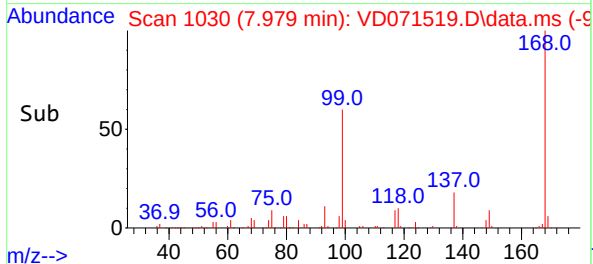
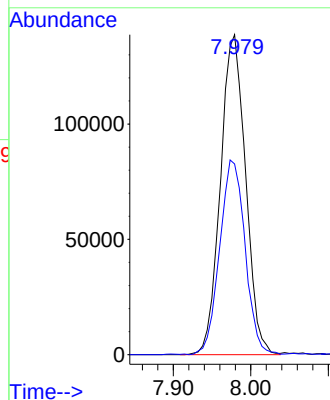
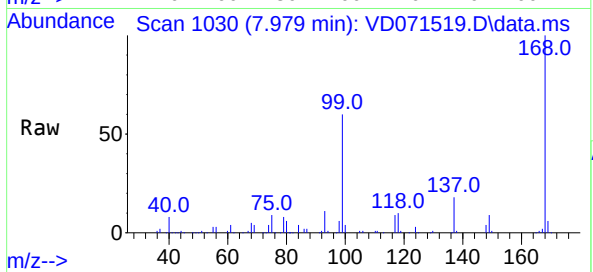




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.006 min
Lab File: VD071519.D
Acq: 29 Dec 2021 10:46

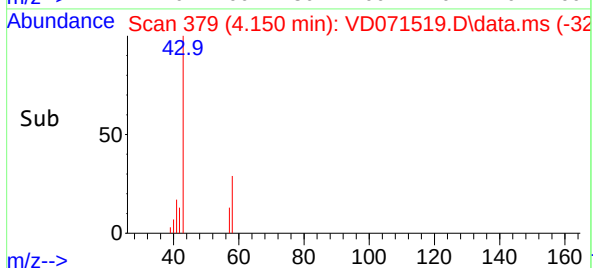
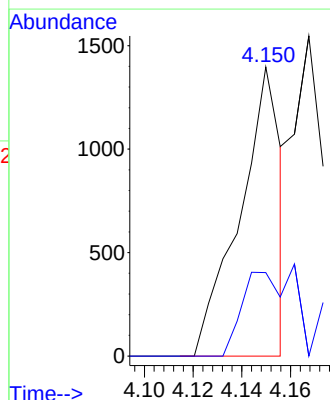
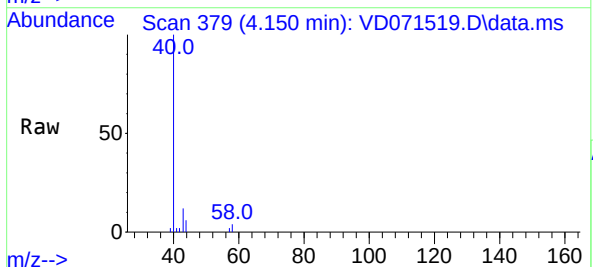
Instrument :
MSVOA_D
ClientSampleId :
VD1229SBL01

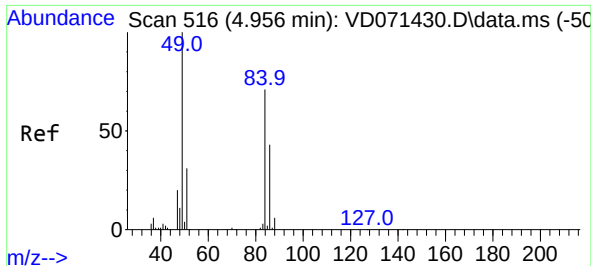
Tgt Ion:168 Resp: 313010
Ion Ratio Lower Upper
168 100
99 59.5 46.6 69.8



#16
Acetone
Concen: 1.574 ug/l
RT: 4.150 min Scan# 379
Delta R.T. -0.006 min
Lab File: VD071519.D
Acq: 29 Dec 2021 10:46

Tgt Ion: 43 Resp: 1643
Ion Ratio Lower Upper
43 100
58 28.8 27.8 41.8



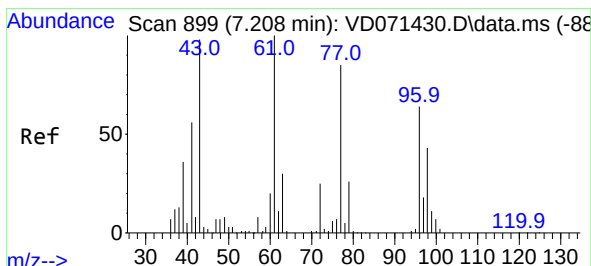
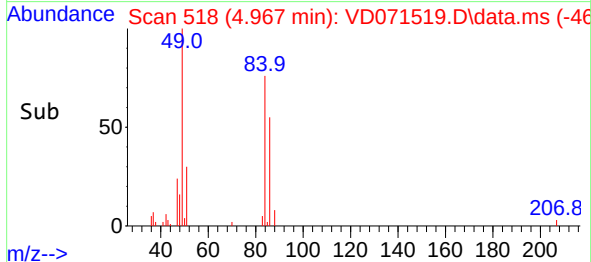
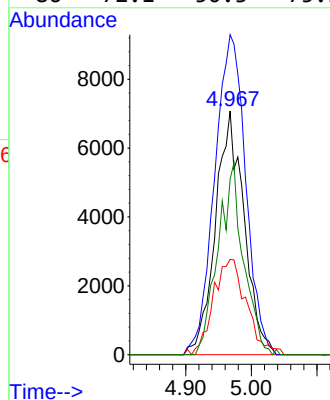
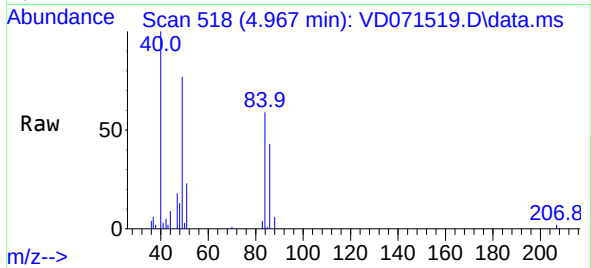


#20
Methylene Chloride
Concen: Below Cal
RT: 4.967 min Scan# 516
Delta R.T. 0.006 min
Lab File: VD071519.D
Acq: 29 Dec 2021 10:46

Instrument :
MSVOA_D
ClientSampleId :
VD1229SBL01

Tgt Ion: 84 Resp: 21486

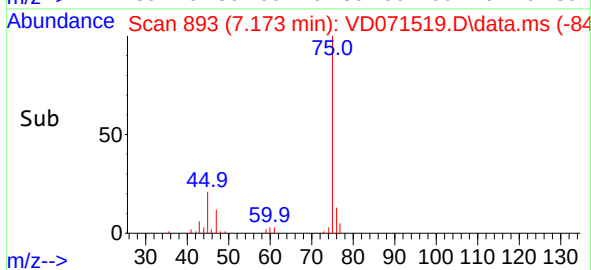
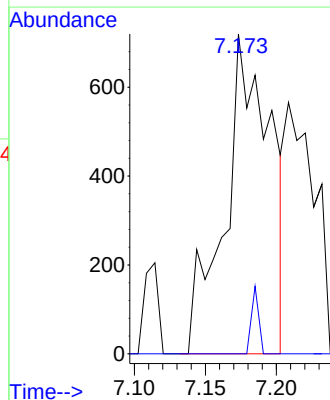
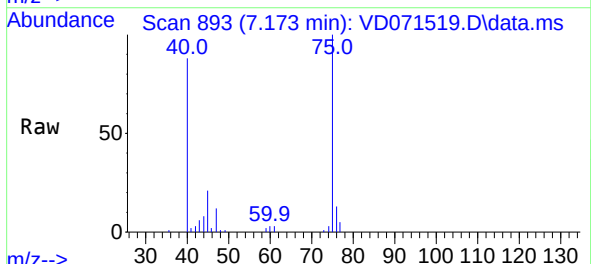
Ion	Ratio	Lower	Upper
84	100		
49	131.3	95.8	143.6
51	39.1	30.9	46.3
86	72.1	50.3	75.5

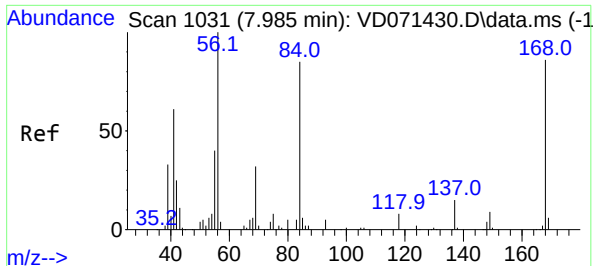


#25
2-Butanone
Concen: 1.284 ug/l
RT: 7.173 min Scan# 893
Delta R.T. -0.035 min
Lab File: VD071519.D
Acq: 29 Dec 2021 10:46

Tgt Ion: 43 Resp: 1601

Ion	Ratio	Lower	Upper
43	100		
72	0.0	23.8	35.6#





#31

Cyclohexane

Concen: 1.425 ug/l

RT: 7.973 min Scan# 1029

Delta R.T. -0.012 min

Lab File: VD071519.D

Acq: 29 Dec 2021 10:46

Instrument :

MSVOA_D

ClientSampleId :

VD1229SBL01

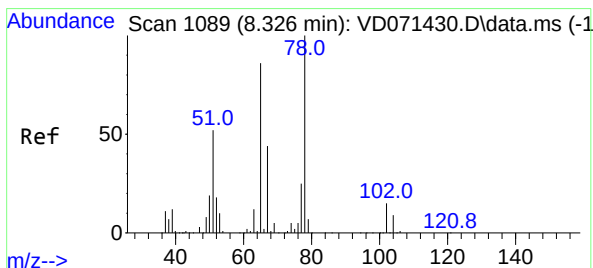
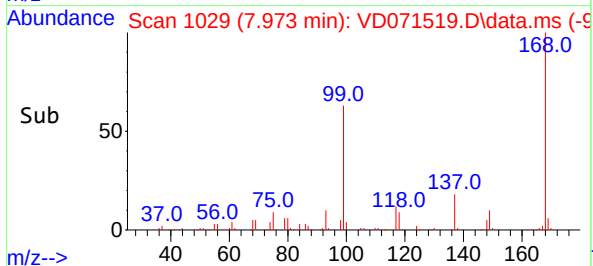
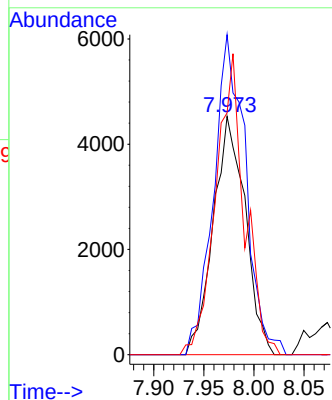
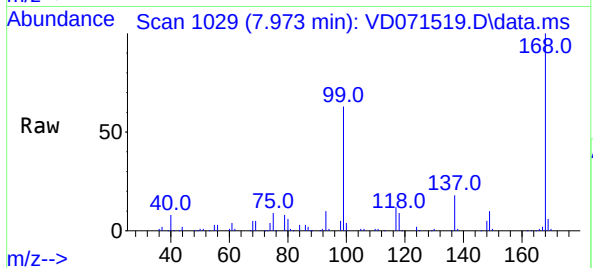
Tgt Ion: 56 Resp: 10066

Ion Ratio Lower Upper

56 100

69 134.4 25.9 38.9#

84 101.5 64.3 96.5#



#33

1,2-Dichloroethane-d4

Concen: 47.692 ug/l

RT: 8.326 min Scan# 1089

Delta R.T. 0.000 min

Lab File: VD071519.D

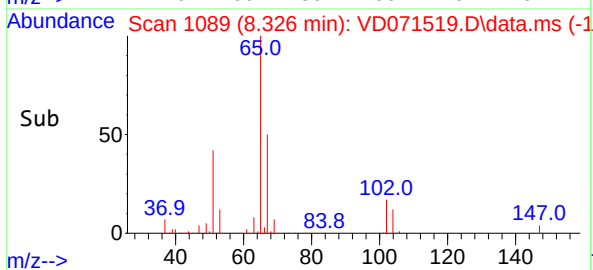
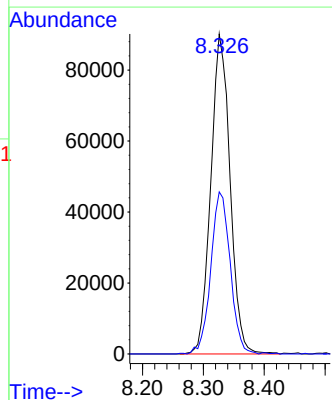
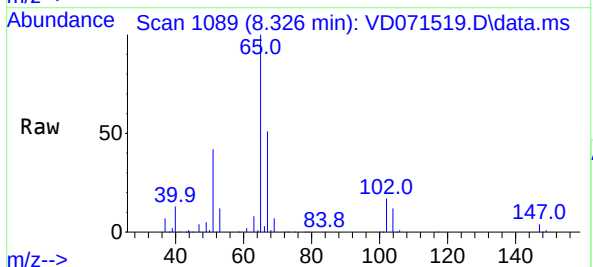
Acq: 29 Dec 2021 10:46

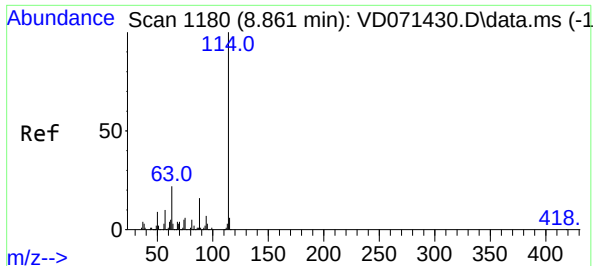
Tgt Ion: 65 Resp: 198256

Ion Ratio Lower Upper

65 100

67 51.0 0.0 112.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.861 min Scan# 1180

Delta R.T. 0.000 min

Lab File: VD071519.D

Acq: 29 Dec 2021 10:46

Instrument :

MSVOA_D

ClientSampleId :

VD1229SBL01

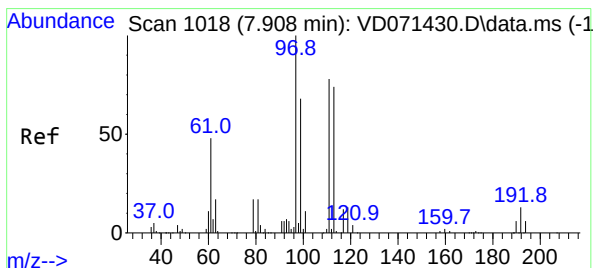
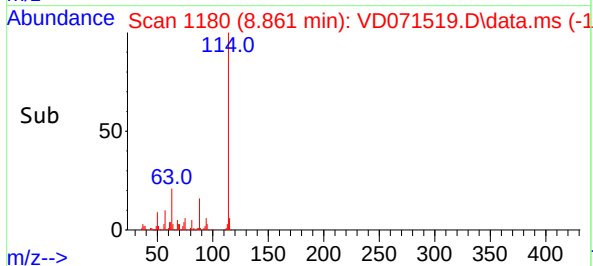
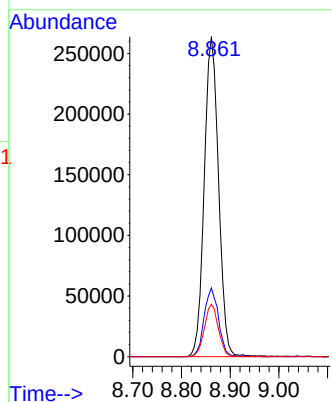
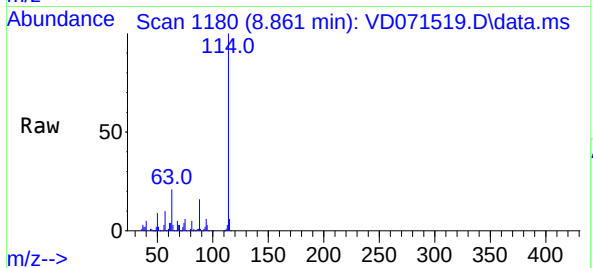
Tgt Ion:114 Resp: 536531

Ion Ratio Lower Upper

114 100

63 21.5 0.0 41.8

88 16.3 0.0 32.8



#35

Dibromofluoromethane

Concen: 47.408 ug/l

RT: 7.914 min Scan# 1019

Delta R.T. 0.006 min

Lab File: VD071519.D

Acq: 29 Dec 2021 10:46

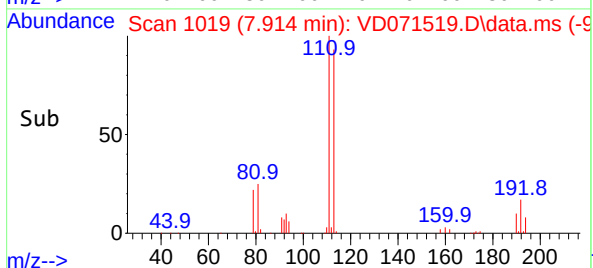
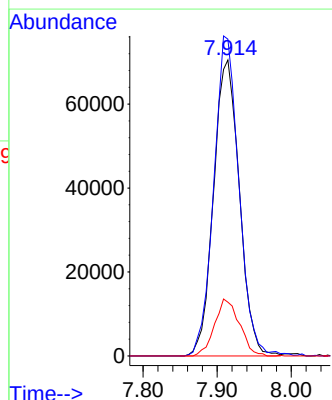
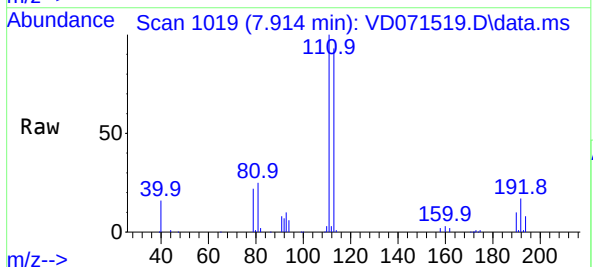
Tgt Ion:113 Resp: 170947

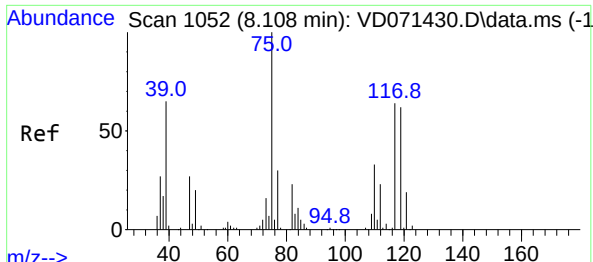
Ion Ratio Lower Upper

113 100

111 105.2 82.0 123.0

192 18.5 15.2 22.8





#36

1,1-Dichloropropene

Concen: 5.133 ug/l

RT: 7.979 min Scan# 1029

Delta R.T. -0.129 min

Lab File: VD071519.D

Acq: 29 Dec 2021 10:46

Instrument :

MSVOA_D

ClientSampleId :

VD1229SBL01

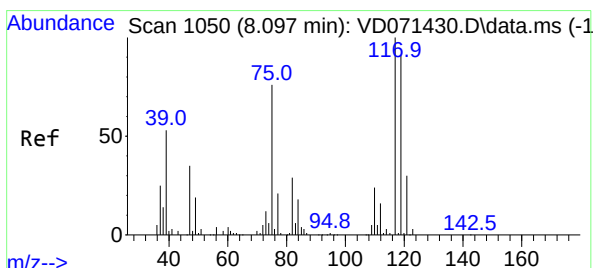
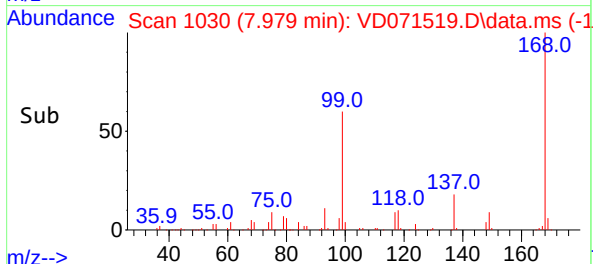
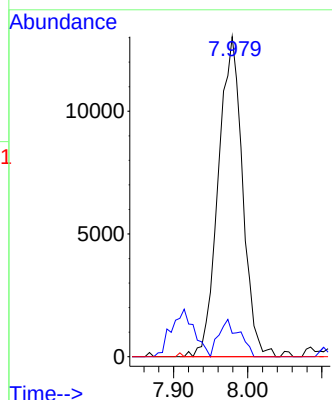
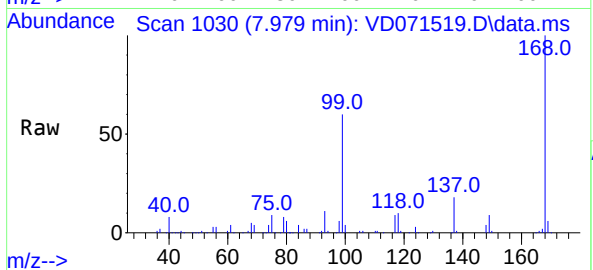
Tgt Ion: 75 Resp: 29569

Ion Ratio Lower Upper

75 100

110 9.9 17.8 53.4#

77 0.0 24.8 37.2#



#38

Carbon Tetrachloride

Concen: 5.938 ug/l

RT: 7.973 min Scan# 1029

Delta R.T. -0.124 min

Lab File: VD071519.D

Acq: 29 Dec 2021 10:46

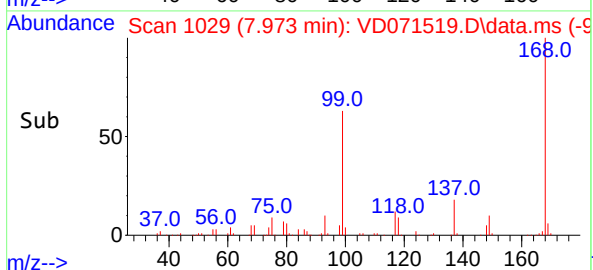
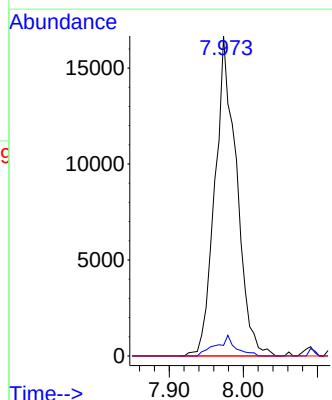
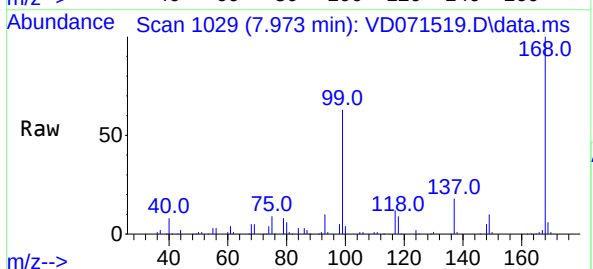
Tgt Ion: 117 Resp: 33748

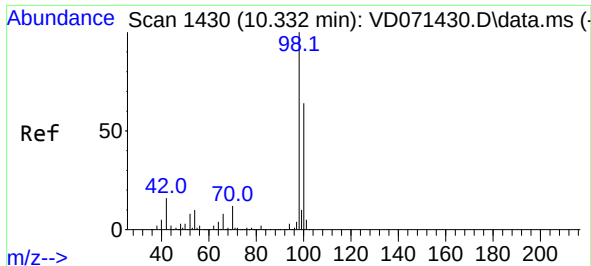
Ion Ratio Lower Upper

117 100

119 3.3 75.8 113.6#

121 0.0 23.6 35.4#

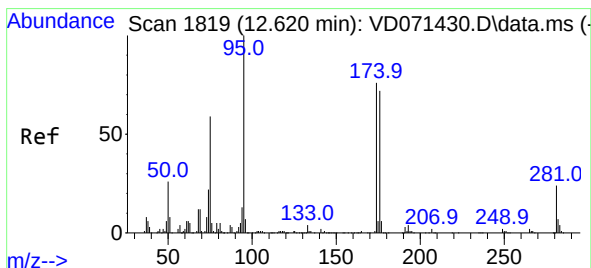
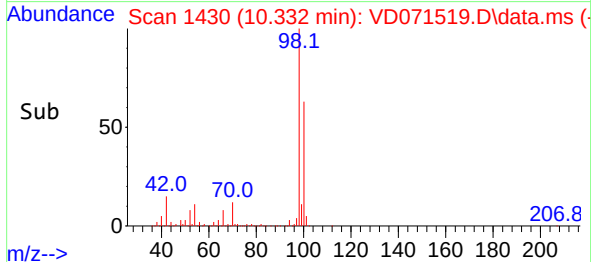
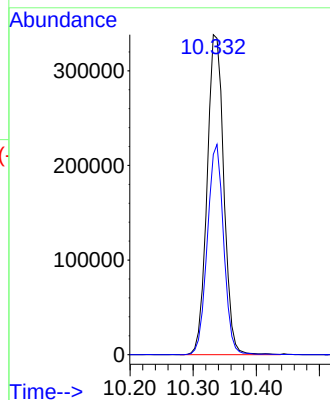
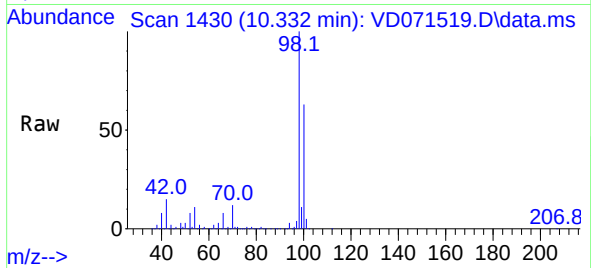




#50
Toluene-d8
Concen: 45.547 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD071519.D
Acq: 29 Dec 2021 10:46

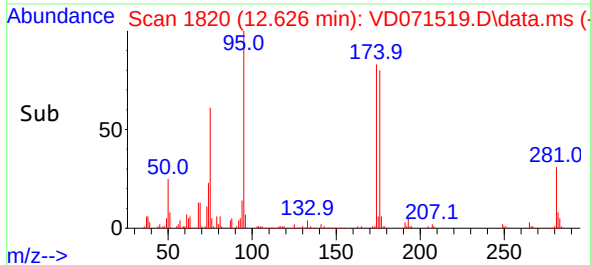
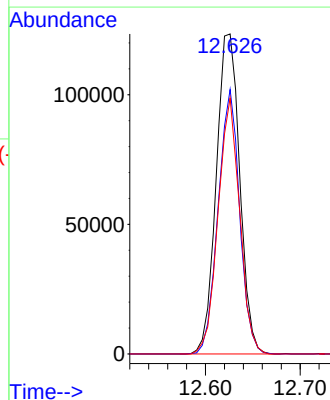
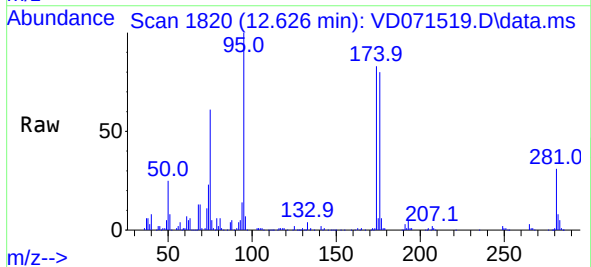
Instrument :
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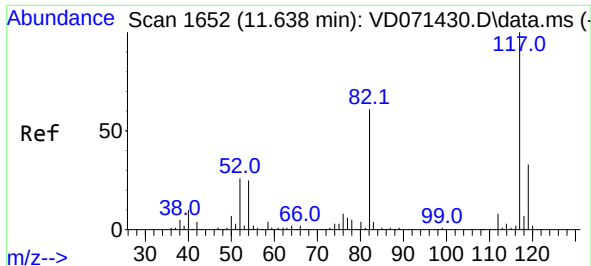
Tgt Ion: 98 Resp: 620661
Ion Ratio Lower Upper
98 100
100 64.2 51.8 77.6



#62
4-Bromofluorobenzene
Concen: 43.929 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD071519.D
Acq: 29 Dec 2021 10:46

Tgt Ion: 95 Resp: 212715
Ion Ratio Lower Upper
95 100
174 75.5 0.0 159.4
176 73.3 0.0 154.0

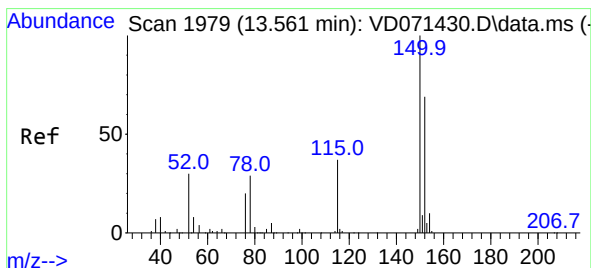
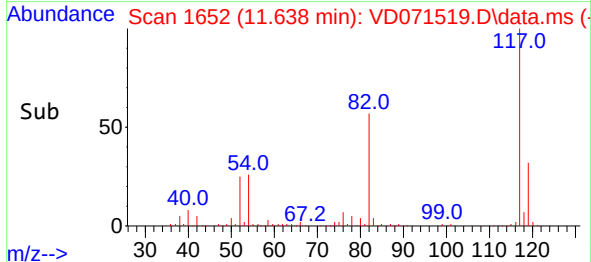
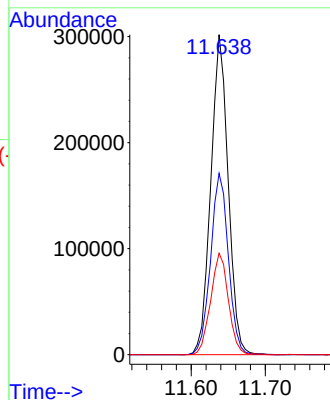
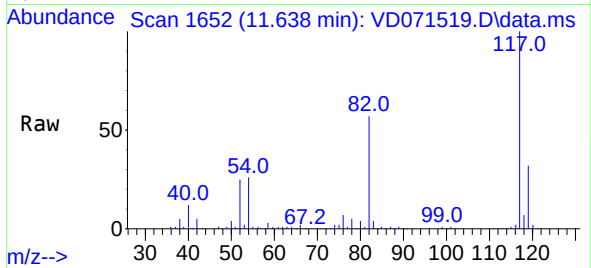




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 117
Delta R.T. -0.000 min
Lab File: VD071519.D
Acq: 29 Dec 2021 10:46

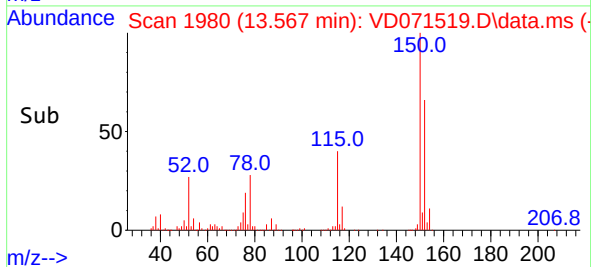
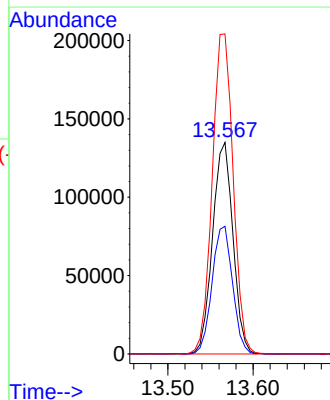
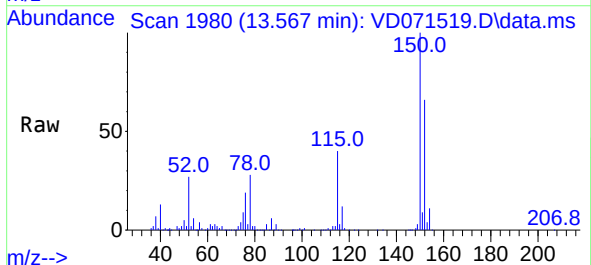
Instrument :
MSVOA_D
ClientSampleId :
VD1229SBL01

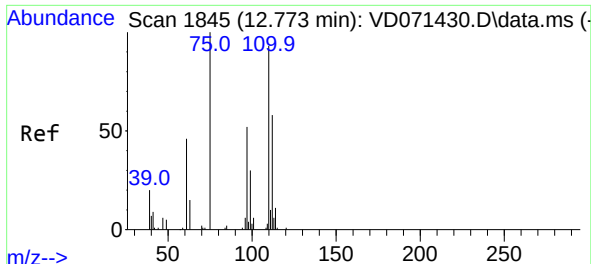
Tgt Ion:117 Resp: 491080
Ion Ratio Lower Upper
117 100
82 56.6 44.7 67.1
119 31.7 26.2 39.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. 0.006 min
Lab File: VD071519.D
Acq: 29 Dec 2021 10:46

Tgt Ion:152 Resp: 224959
Ion Ratio Lower Upper
152 100
115 60.4 29.8 89.3
150 154.9 0.0 349.2

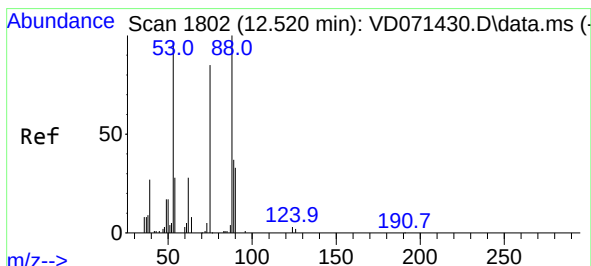
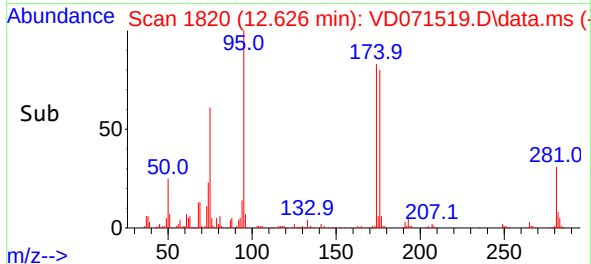
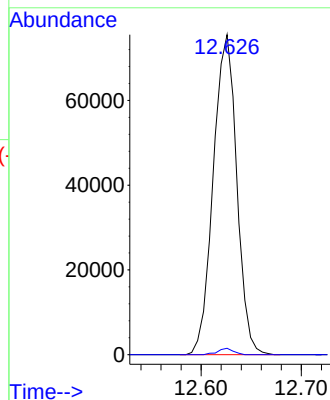
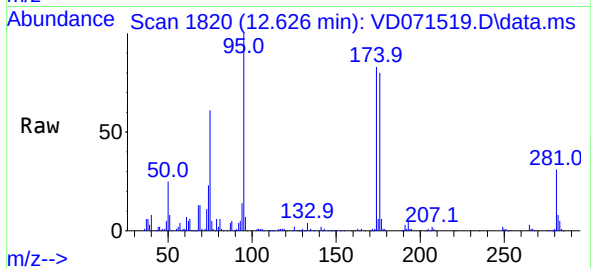




#76
1,2,3-Trichloropropane
Concen: 45.983 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.147 min
Lab File: VD071519.D
Acq: 29 Dec 2021 10:46

Instrument :
MSVOA_D
ClientSampleId :
VD1229SBL01

Tgt Ion: 75 Resp: 122908
Ion Ratio Lower Upper
75 100
77 1.3 158.4 475.3#



#81
trans-1,4-Dichloro-2-butene
Concen: 129.926 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.106 min
Lab File: VD071519.D
Acq: 29 Dec 2021 10:46

Tgt Ion: 75 Resp: 122908
Ion Ratio Lower Upper
75 100
53 0.0 62.6 94.0#
89 0.2 34.5 51.7#

