

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD010322\
 Data File : VD071562.D
 Acq On : 03 Jan 2022 13:02
 Operator : VA/SY
 Sample : VD0103SBL01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Jan 03 15:56:35 2022
 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)

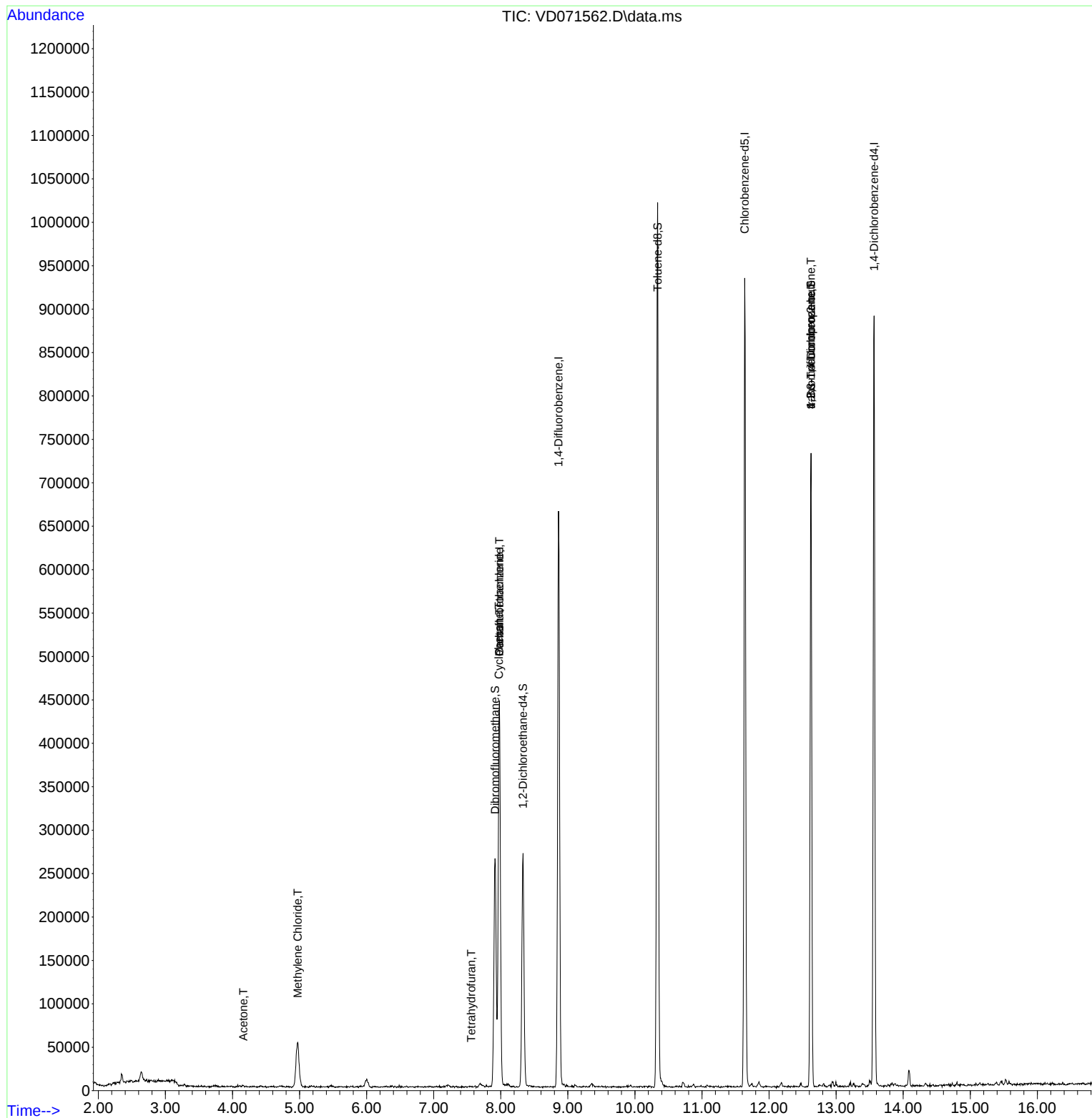
Internal Standards						
1) Pentafluorobenzene	7.979	168	309439	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	533446	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	478967	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	217365	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	209992	51.098	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 102.200%	
35) Dibromofluoromethane	7.914	113	183718	51.244	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 102.480%	
50) Toluene-d8	10.338	98	660411	48.744	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 97.480%	
62) 4-Bromofluorobenzene	12.626	95	225781	46.897	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 93.800%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.214	59	208	Below Cal	#	71
16) Acetone	4.162	43	2741	2.655	ug/l #	84
20) Methylene Chloride	4.973	84	38190	3.533	ug/l	88
29) Tetrahydrofuran	7.561	42	907	1.225	ug/l #	40
31) Cyclohexane	7.973	56	10336	1.481	ug/l #	44
38) Carbon Tetrachloride	7.979	117	34287	6.067	ug/l #	16
76) 1,2,3-Trichloropropane	12.626	75	128699	49.831	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.626	75	128699	140.800	ug/l #	18

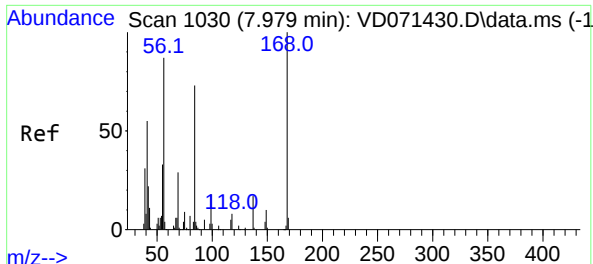
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :

Quant Time: Jan 03 15:56:35 2022
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

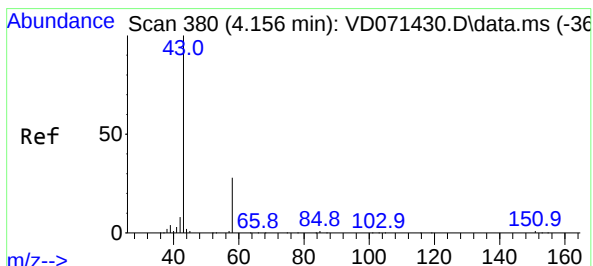
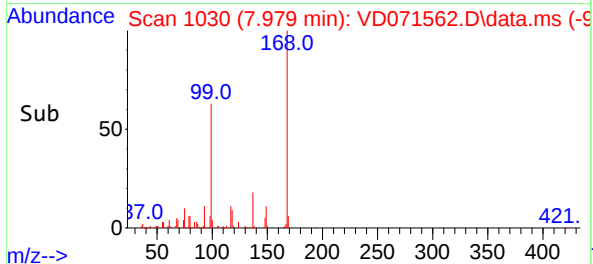
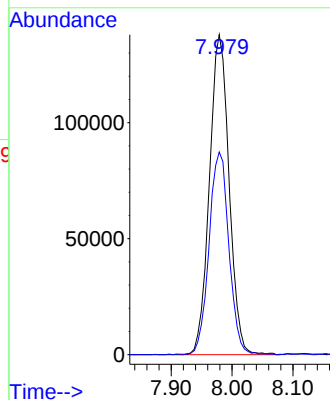
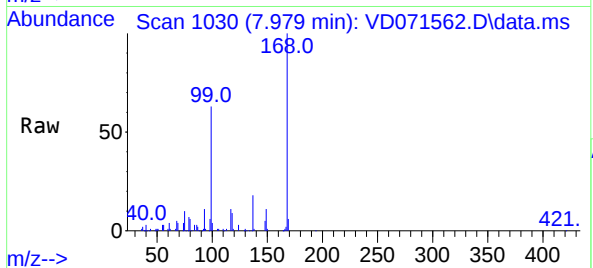




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.006 min
Lab File: VD071562.D
Acq: 03 Jan 2022 13:02

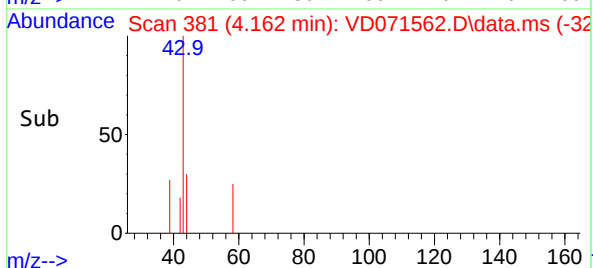
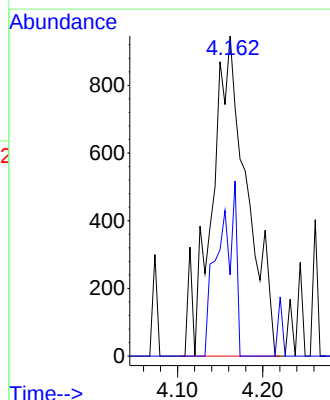
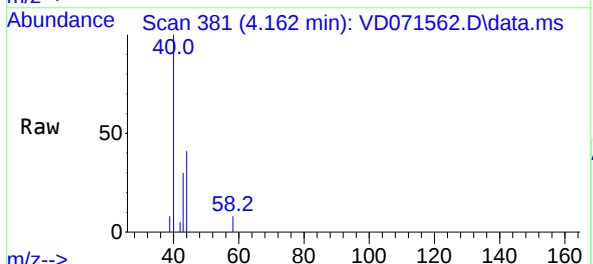
Instrument :
MSVOA_D
ClientSampleId :

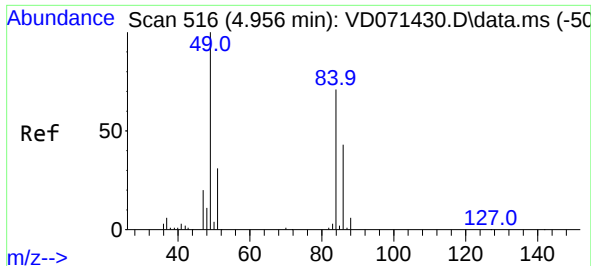
Tgt Ion:168 Resp: 309439
Ion Ratio Lower Upper
168 100
99 63.2 46.6 69.8



#16
Acetone
Concen: 2.655 ug/l
RT: 4.162 min Scan# 381
Delta R.T. 0.006 min
Lab File: VD071562.D
Acq: 03 Jan 2022 13:02

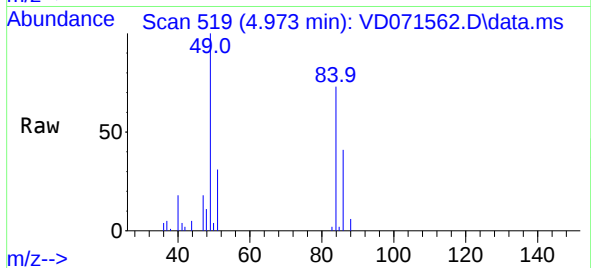
Tgt Ion: 43 Resp: 2741
Ion Ratio Lower Upper
43 100
58 25.4 27.8 41.8#





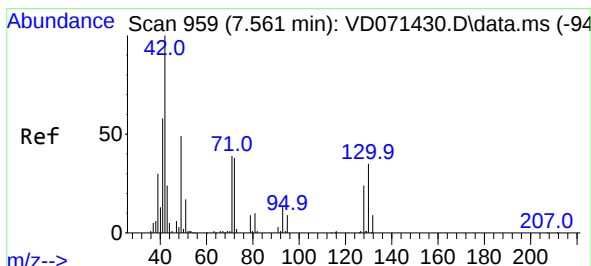
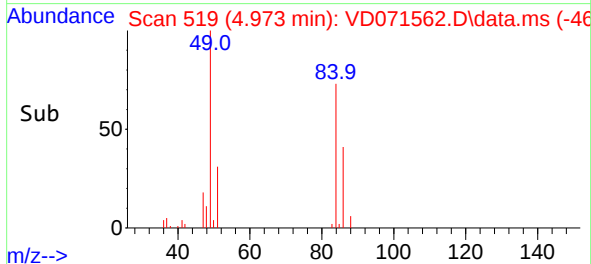
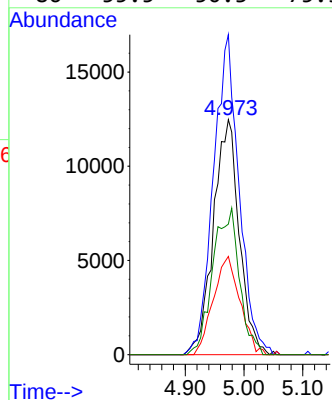
#20
Methylene Chloride
Concen: 3.533 ug/l
RT: 4.973 min Scan# 516
Delta R.T. 0.012 min
Lab File: VD071562.D
Acq: 03 Jan 2022 13:02

Instrument :
MSVOA_D
ClientSampleId :



Tgt Ion: 84 Resp: 38190

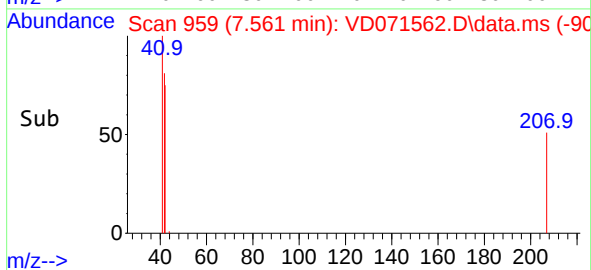
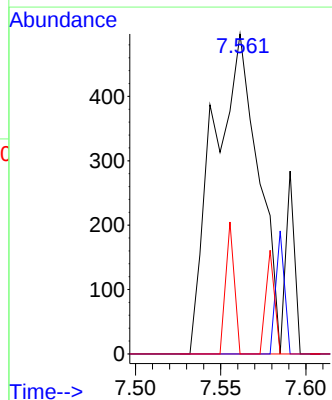
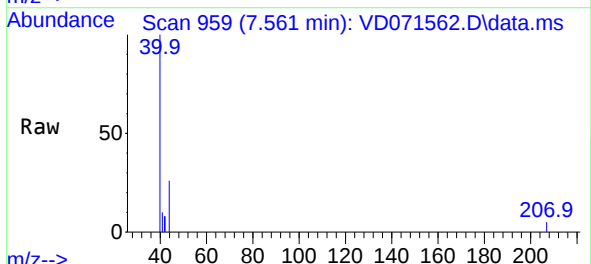
Ion	Ratio	Lower	Upper
84	100		
49	136.2	95.8	143.6
51	41.8	30.9	46.3
86	55.5	50.3	75.5

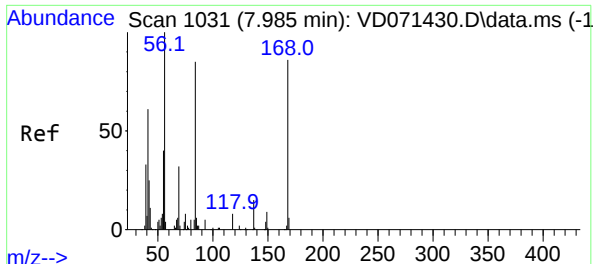


#29
Tetrahydrofuran
Concen: 1.225 ug/l
RT: 7.561 min Scan# 959
Delta R.T. 0.006 min
Lab File: VD071562.D
Acq: 03 Jan 2022 13:02

Tgt Ion: 42 Resp: 907

Ion	Ratio	Lower	Upper
42	100		
72	0.0	33.7	50.5#
71	7.9	32.7	49.1#





#31

Cyclohexane

Concen: 1.481 ug/l

RT: 7.973 min Scan# 1029

Delta R.T. -0.012 min

Lab File: VD071562.D

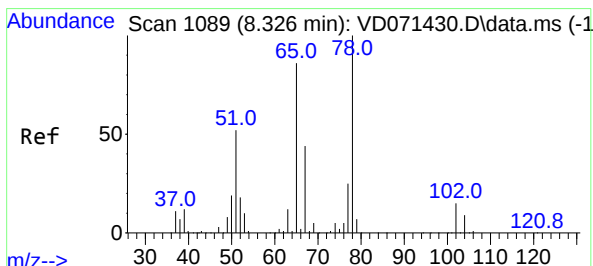
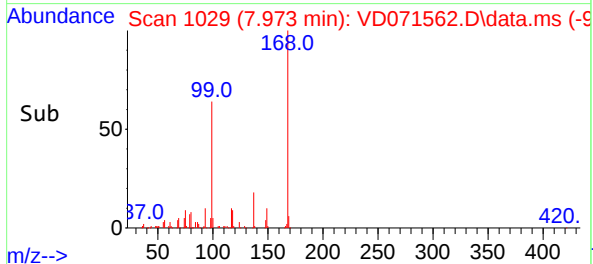
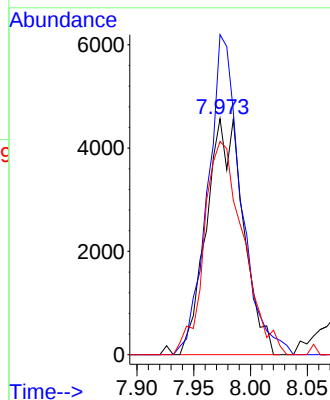
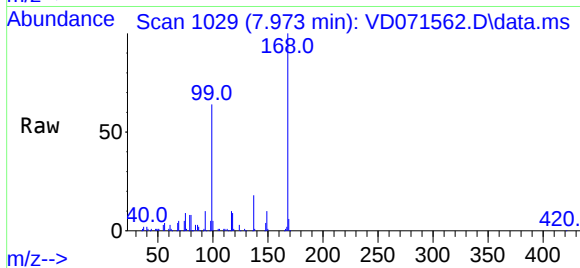
Acq: 03 Jan 2022 13:02

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion:	56	Resp:	10336
Ion	Ratio	Lower	Upper
56	100		
69	132.1	25.9	38.9#
84	86.8	64.3	96.5



#33

1,2-Dichloroethane-d4

Concen: 51.098 ug/l

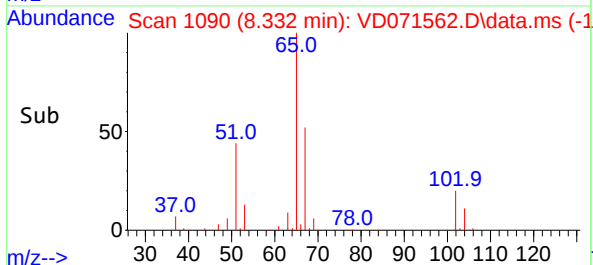
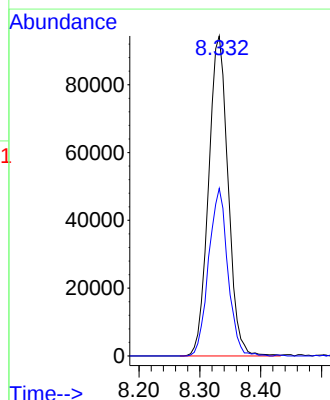
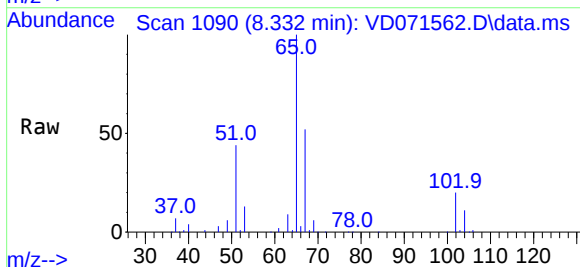
RT: 8.332 min Scan# 1090

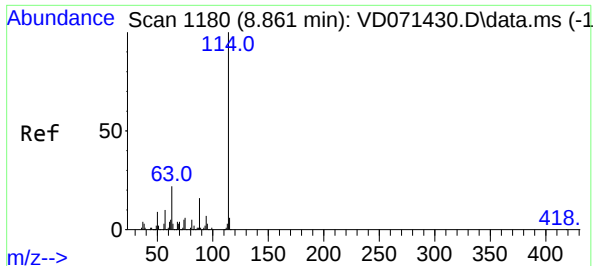
Delta R.T. 0.006 min

Lab File: VD071562.D

Acq: 03 Jan 2022 13:02

Tgt Ion:	65	Resp:	209992
Ion	Ratio	Lower	Upper
65	100		
67	51.4	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: VD071562.D

Acq: 03 Jan 2022 13:02

Instrument :

MSVOA_D

ClientSampleId :

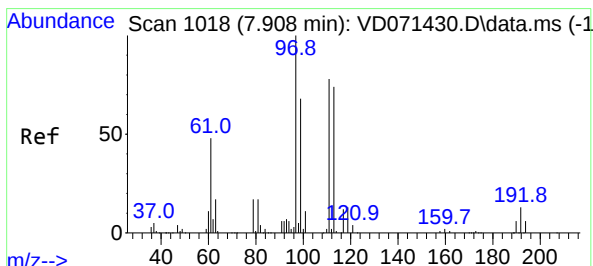
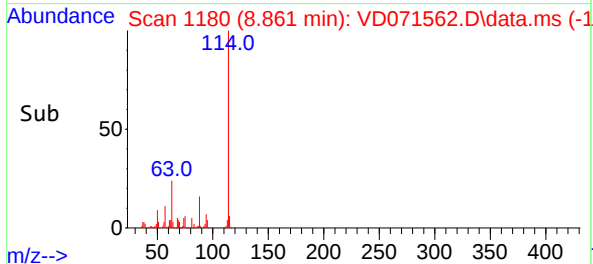
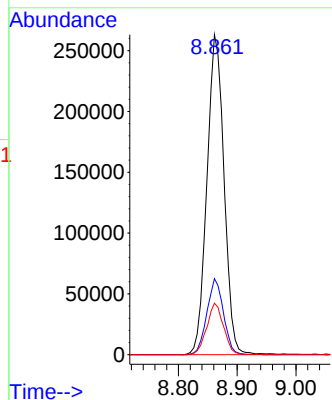
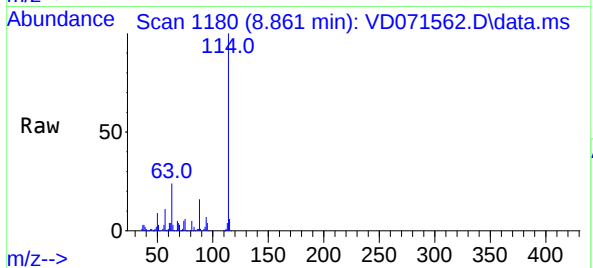
Tgt Ion:114 Resp: 533446

Ion Ratio Lower Upper

114 100

63 23.7 0.0 41.8

88 16.1 0.0 32.8



#35

Dibromofluoromethane

Concen: 51.244 ug/l

RT: 7.914 min Scan# 1019

Delta R.T. 0.006 min

Lab File: VD071562.D

Acq: 03 Jan 2022 13:02

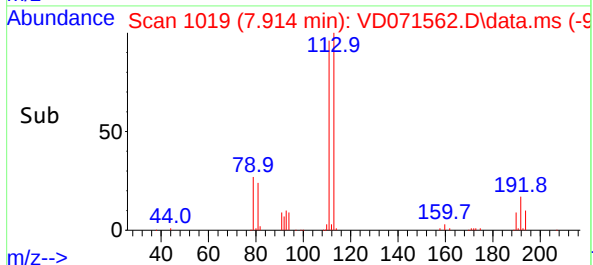
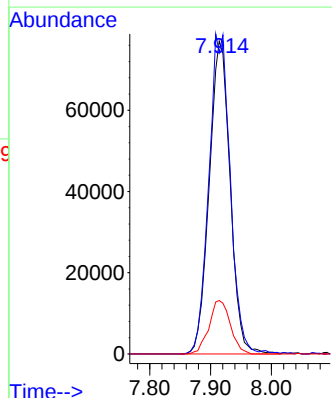
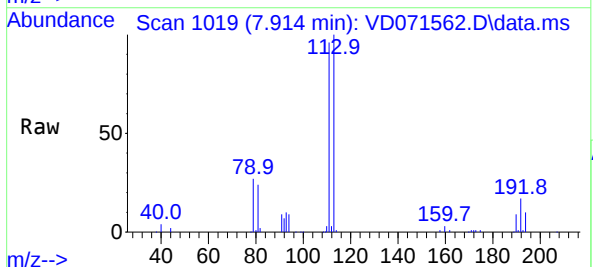
Tgt Ion:113 Resp: 183718

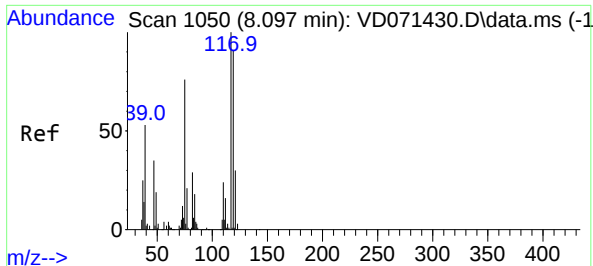
Ion Ratio Lower Upper

113 100

111 104.7 82.0 123.0

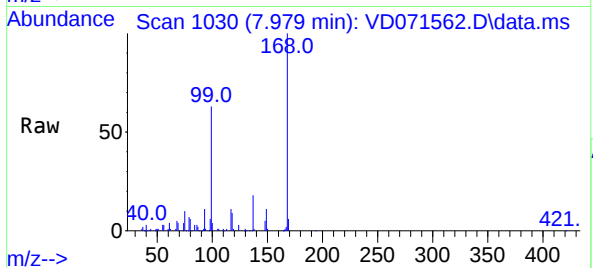
192 17.4 15.2 22.8



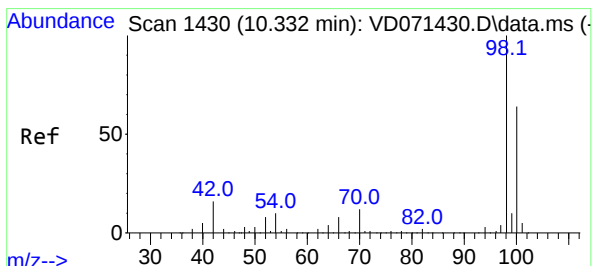
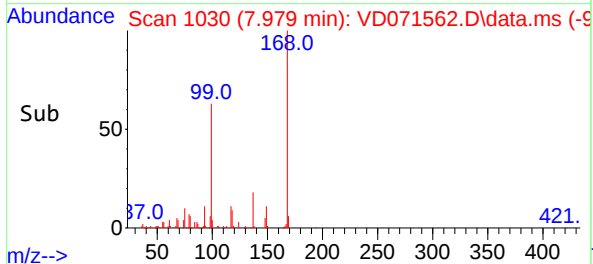
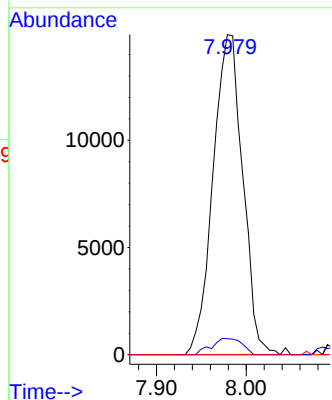


#38
Carbon Tetrachloride
Concen: 6.067 ug/l
RT: 7.979 min Scan# 1050
Delta R.T. -0.118 min
Lab File: VD071562.D
Acq: 03 Jan 2022 13:02

Instrument :
MSVOA_D
ClientSampleId :

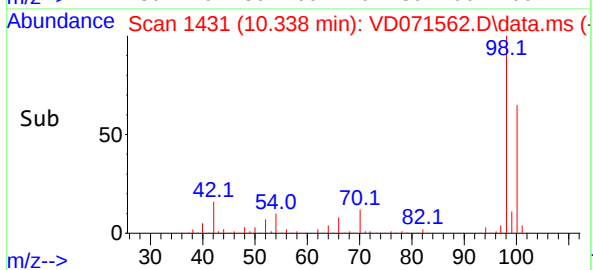
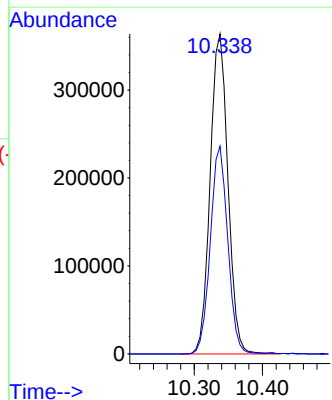
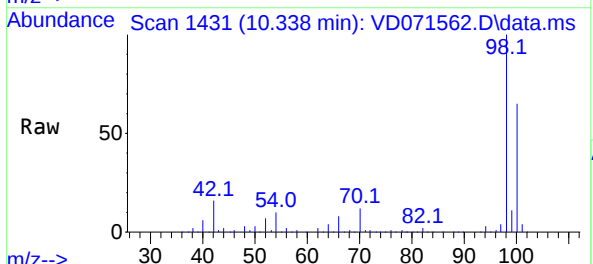


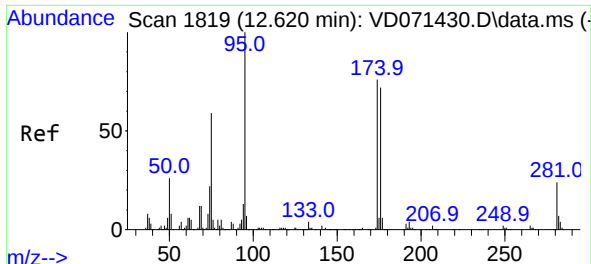
Tgt Ion:117 Resp: 34287
Ion Ratio Lower Upper
117 100
119 5.0 75.8 113.6#
121 0.0 23.6 35.4#



#50
Toluene-d8
Concen: 48.744 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. 0.006 min
Lab File: VD071562.D
Acq: 03 Jan 2022 13:02

Tgt Ion: 98 Resp: 660411
Ion Ratio Lower Upper
98 100
100 63.7 51.8 77.6

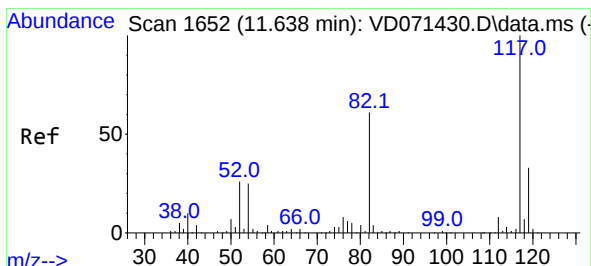
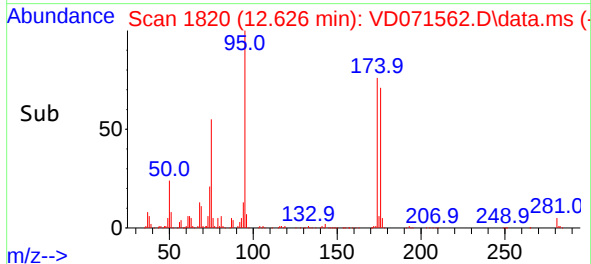
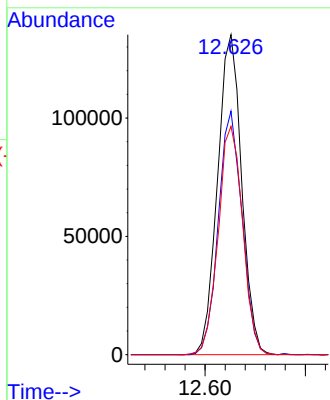
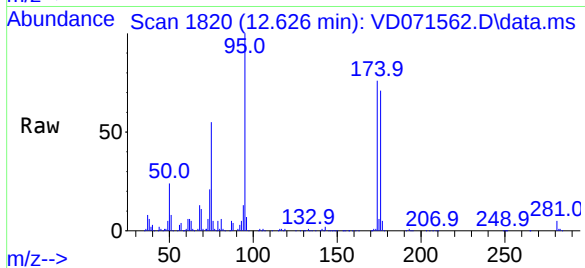




#62
4-Bromofluorobenzene
Concen: 46.897 ug/l
RT: 12.626 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VD071562.D
Acq: 03 Jan 2022 13:02

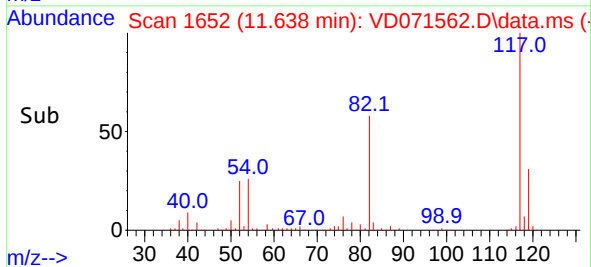
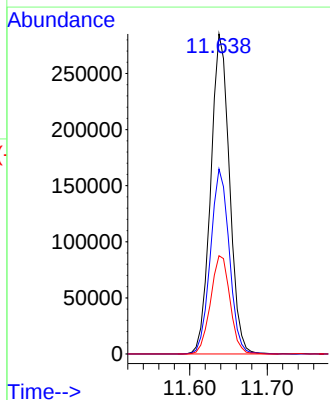
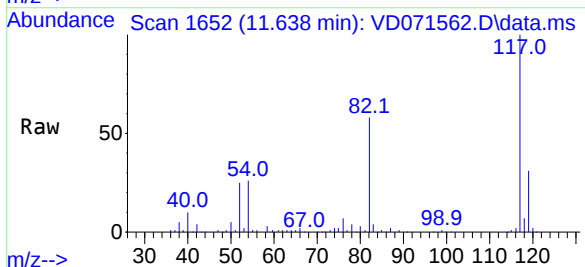
Instrument :
MSVOA_D
ClientSampleId :

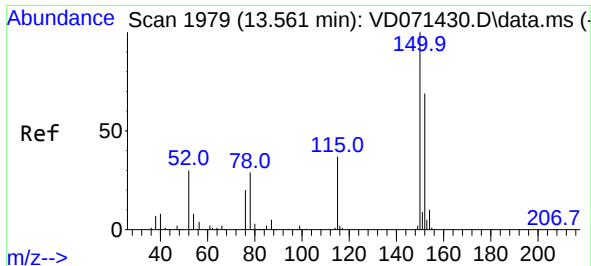
Tgt Ion: 95 Resp: 225781
Ion Ratio Lower Upper
95 100
174 74.8 0.0 159.4
176 72.2 0.0 154.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD071562.D
Acq: 03 Jan 2022 13:02

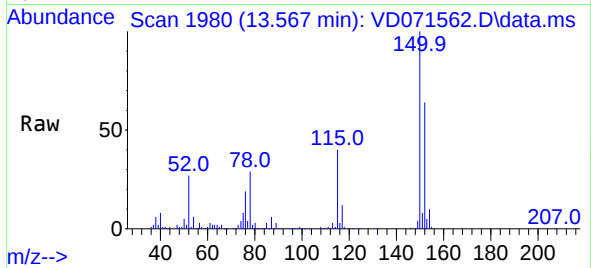
Tgt Ion: 117 Resp: 478967
Ion Ratio Lower Upper
117 100
82 57.8 44.7 67.1
119 30.7 26.2 39.4



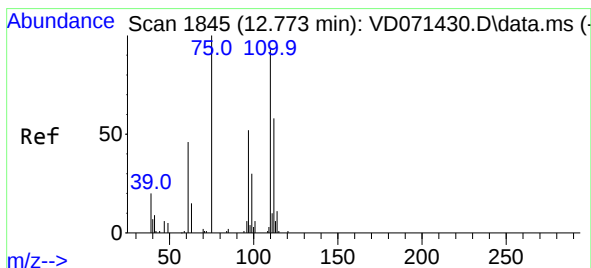
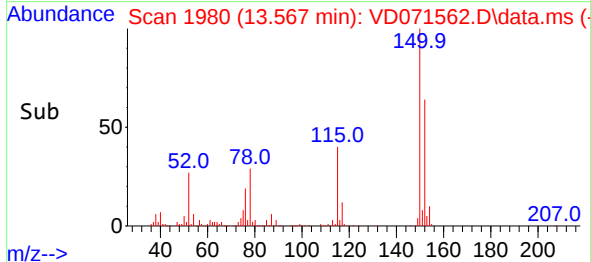
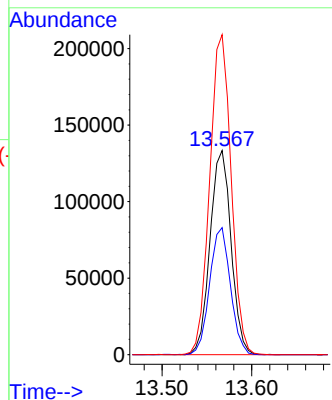


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.567 min Scan# 1979
 Delta R.T. 0.006 min
 Lab File: VD071562.D
 Acq: 03 Jan 2022 13:02

Instrument :
 MSVOA_D
 ClientSampleId :

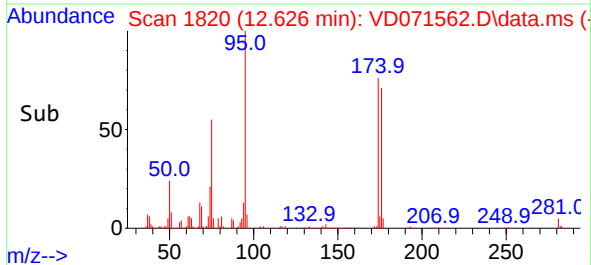
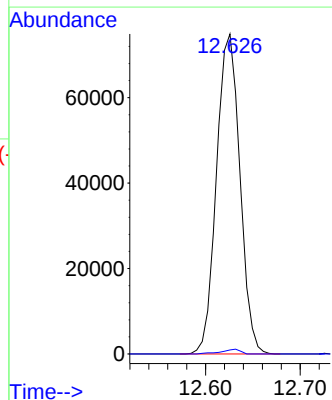
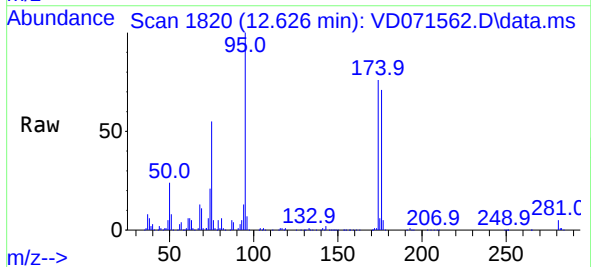


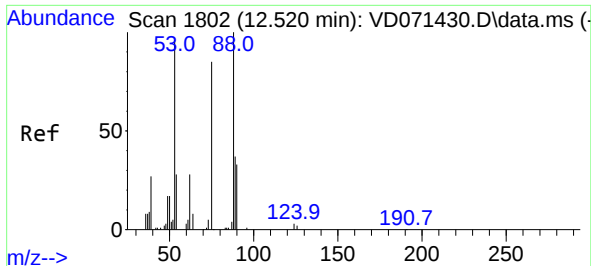
Tgt Ion:152 Resp: 217365
 Ion Ratio Lower Upper
 152 100
 115 61.4 29.8 89.3
 150 159.4 0.0 349.2



#76
 1,2,3-Trichloropropane
 Concen: 49.831 ug/l
 RT: 12.626 min Scan# 1820
 Delta R.T. -0.147 min
 Lab File: VD071562.D
 Acq: 03 Jan 2022 13:02

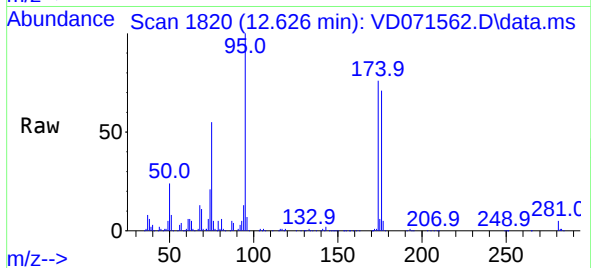
Tgt Ion: 75 Resp: 128699
 Ion Ratio Lower Upper
 75 100
 77 1.2 158.4 475.3#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 140.800 ug/l
 RT: 12.626 min Scan# 11
 Delta R.T. 0.106 min
 Lab File: VD071562.D
 Acq: 03 Jan 2022 13:02

Instrument :
 MSVOA_D
 ClientSampleId :



Tgt Ion: 75 Resp: 128699
 Ion Ratio Lower Upper
 75 100
 53 0.1 62.6 94.0#
 89 0.1 34.5 51.7#

