

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051222\
 Data File : VD072974.D
 Acq On : 13 May 2022 04:51
 Operator : VA/SY
 Sample : N2817-10
 Misc : 6.18G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 P010-SS003-1824-01

Quant Time: May 13 06:03:59 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D050222S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 03 08:33:49 2022
 Response via : Initial Calibration

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

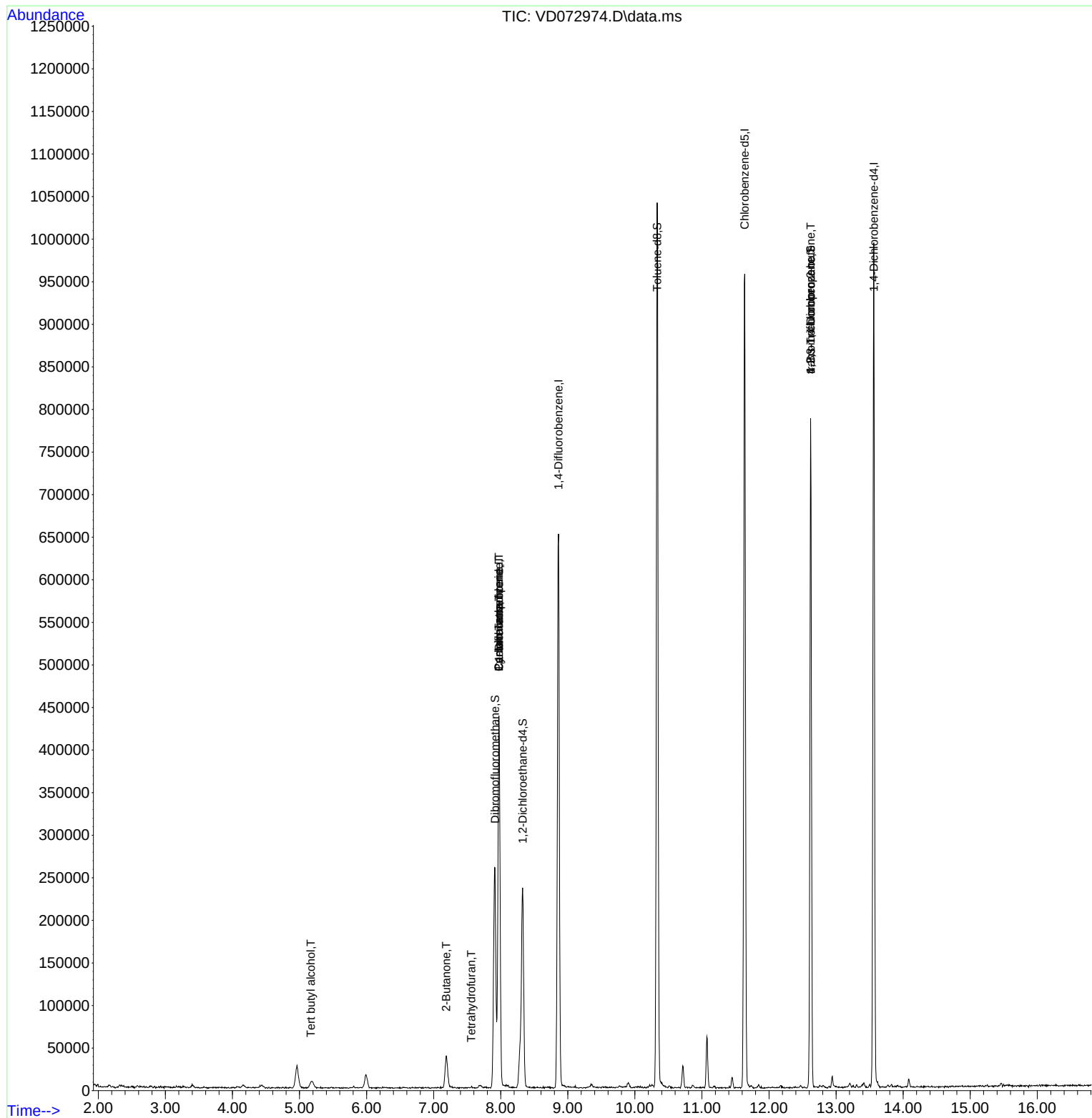
Internal Standards						
1) Pentafluorobenzene	7.973	168	310734	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	559121	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	560074	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	253791	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	182109	45.148	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	90.300%
35) Dibromofluoromethane	7.914	113	189947	48.372	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	96.740%
50) Toluene-d8	10.332	98	685524	48.668	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	97.340%
62) 4-Bromofluorobenzene	12.620	95	246940	47.017	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	94.040%
Target Compounds						
					Qvalue	
5) Bromomethane	2.779	94	827	Below Cal	#	64
11) Tert butyl alcohol	5.168	59	7432	21.296	ug/l #	74
16) Acetone	4.150	43	6378	Below Cal		95
18) Methyl Acetate	4.732	43	72	Below Cal	#	55
20) Methylene Chloride	4.962	84	18117	Below Cal		87
25) 2-Butanone	7.185	43	2332	1.984	ug/l #	52
29) Tetrahydrofuran	7.562	42	788	1.052	ug/l #	60
31) Cyclohexane	7.973	56	8547	1.212	ug/l #	18
36) 1,1-Dichloropropene	7.973	75	27741	4.345	ug/l #	51
38) Carbon Tetrachloride	7.973	117	34219	5.163	ug/l #	18
76) 1,2,3-Trichloropropane	12.620	75	127421	45.026	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.620	75	127421	103.542	ug/l #	7

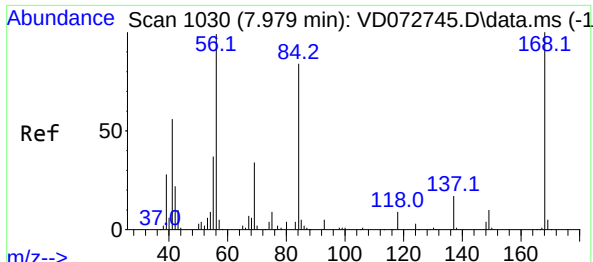
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1
Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.973 min Scan# 1029

Delta R.T. -0.006 min

Lab File: VD072974.D

Acq: 13 May 2022 04:51

Instrument :

MSVOA_D

ClientSampleId :

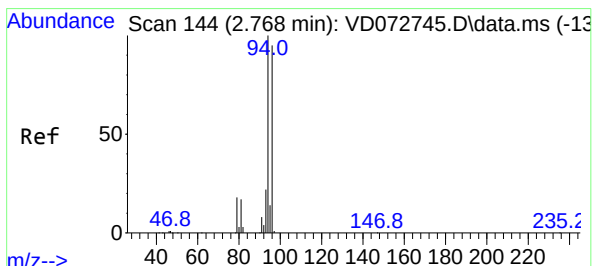
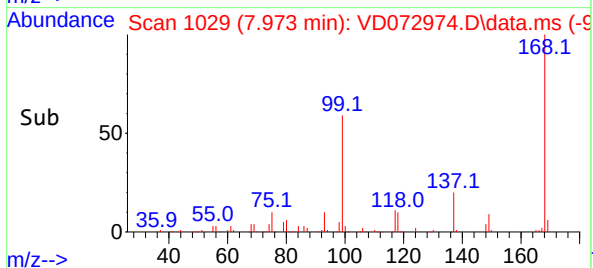
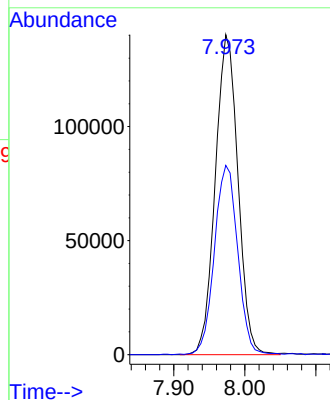
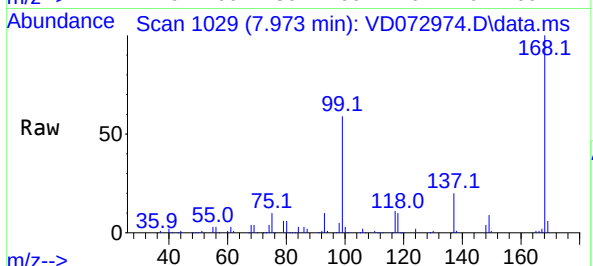
P010-SS003-1824-01

Tgt Ion:168 Resp: 310734

Ion Ratio Lower Upper

168 100

99 59.0 49.8 74.6



#5

Bromomethane

Concen: Below Cal

RT: 2.779 min Scan# 146

Delta R.T. 0.011 min

Lab File: VD072974.D

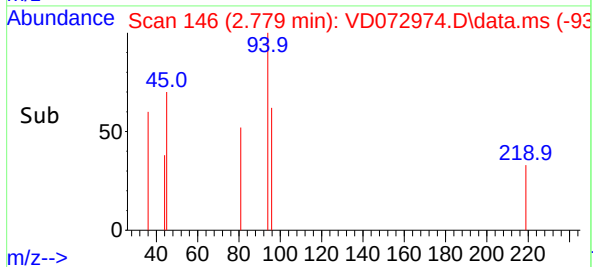
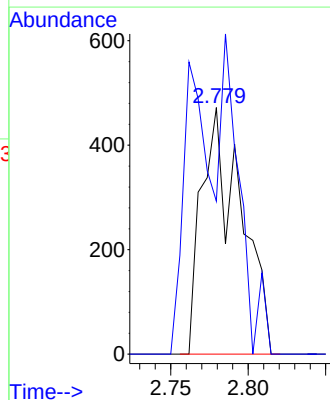
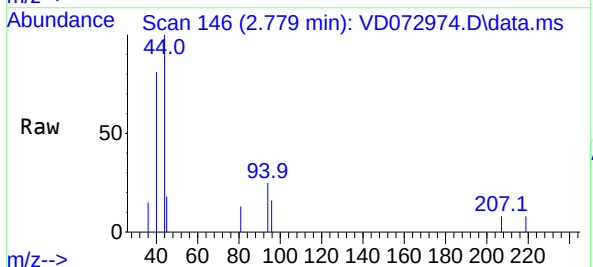
Acq: 13 May 2022 04:51

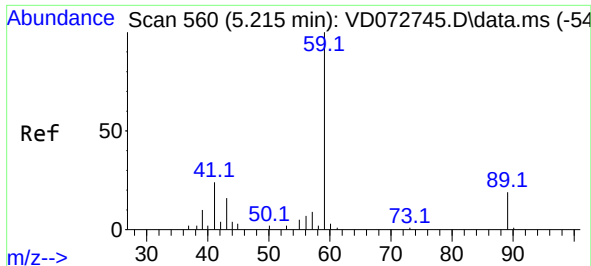
Tgt Ion: 94 Resp: 827

Ion Ratio Lower Upper

94 100

96 62.1 77.6 116.4#

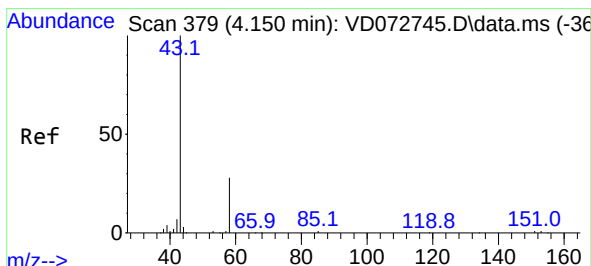
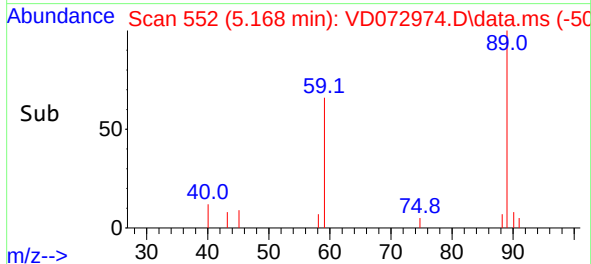
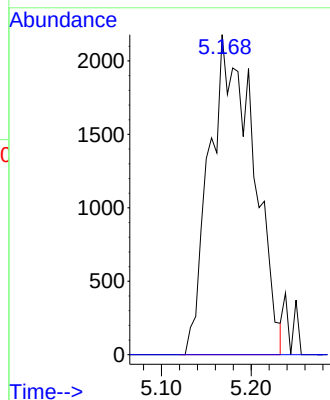
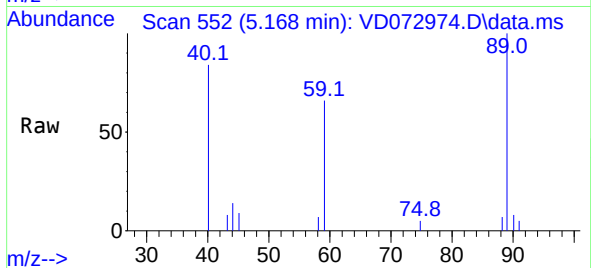




#11
Tert butyl alcohol
Concen: 21.296 ug/l
RT: 5.168 min Scan# 51
Delta R.T. -0.047 min
Lab File: VD072974.D
Acq: 13 May 2022 04:51

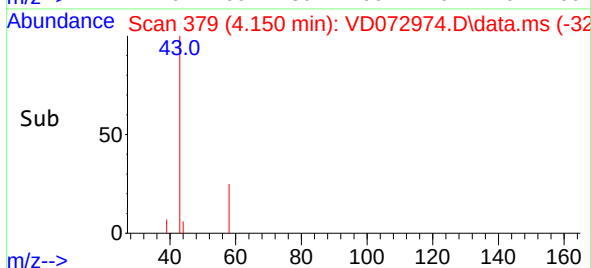
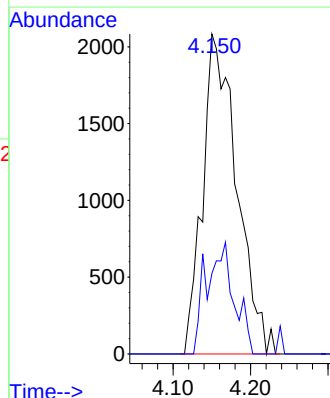
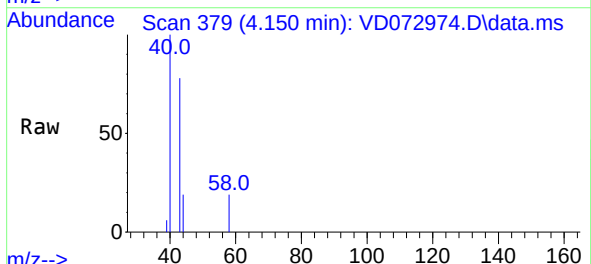
Instrument :
MSVOA_D
ClientSampleId :
P010-SS003-1824-01

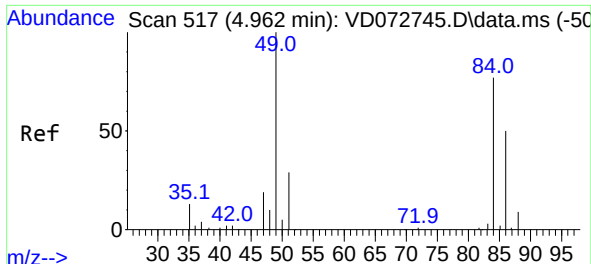
Tgt Ion: 59 Resp: 7432
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.6#



#16
Acetone
Concen: Below Cal
RT: 4.150 min Scan# 379
Delta R.T. -0.000 min
Lab File: VD072974.D
Acq: 13 May 2022 04:51

Tgt Ion: 43 Resp: 6378
Ion Ratio Lower Upper
43 100
58 25.1 22.1 33.1



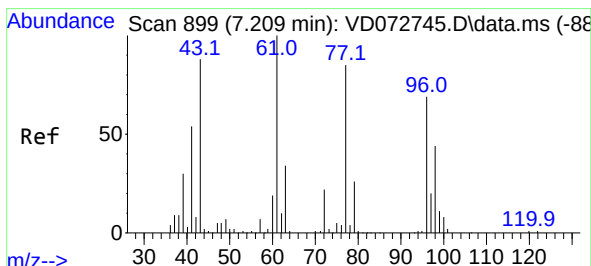
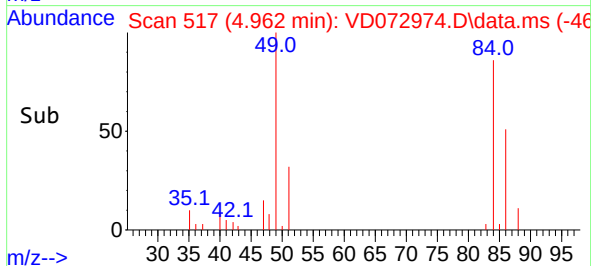
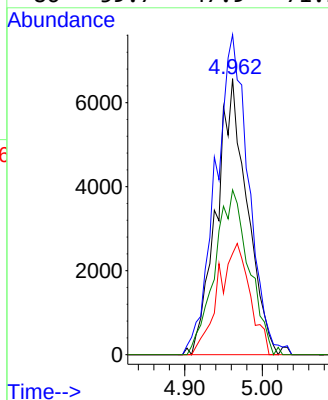
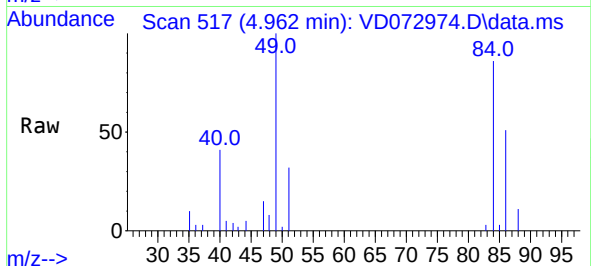


#20
Methylene Chloride
Concen: Below Cal
RT: 4.962 min Scan# 517
Delta R.T. -0.000 min
Lab File: VD072974.D
Acq: 13 May 2022 04:51

Instrument :
MSVOA_D
ClientSampleId :
P010-SS003-1824-01

Tgt Ion: 84 Resp: 18117

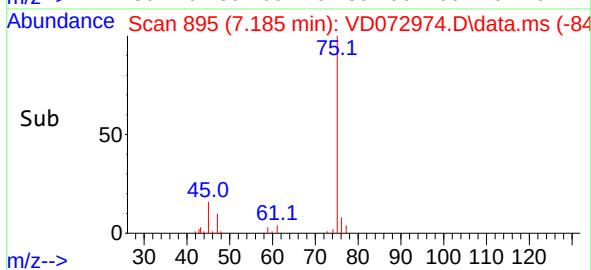
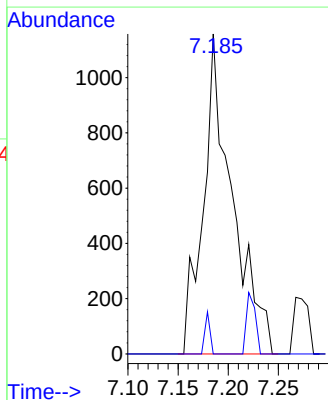
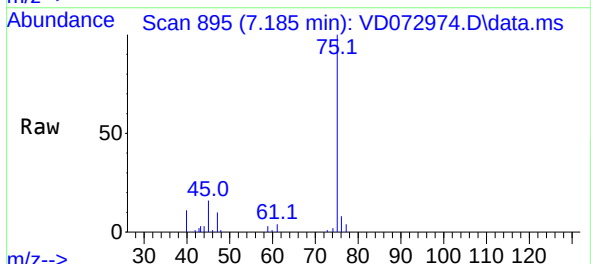
Ion	Ratio	Lower	Upper
84	100		
49	116.0	112.8	169.2
51	36.6	32.6	48.8
86	59.7	47.9	71.9

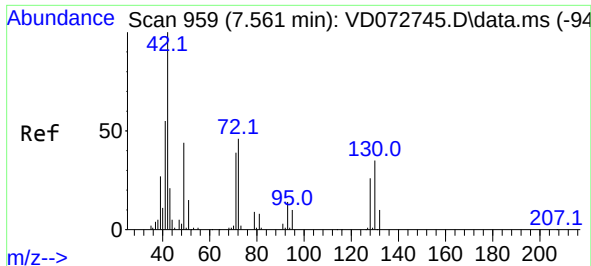


#25
2-Butanone
Concen: 1.984 ug/l
RT: 7.185 min Scan# 895
Delta R.T. -0.024 min
Lab File: VD072974.D
Acq: 13 May 2022 04:51

Tgt Ion: 43 Resp: 2332

Ion	Ratio	Lower	Upper
43	100		
72	0.0	18.6	27.8#





#29

Tetrahydrofuran

Concen: 1.052 ug/l

RT: 7.562 min Scan# 91

Delta R.T. 0.001 min

Lab File: VD072974.D

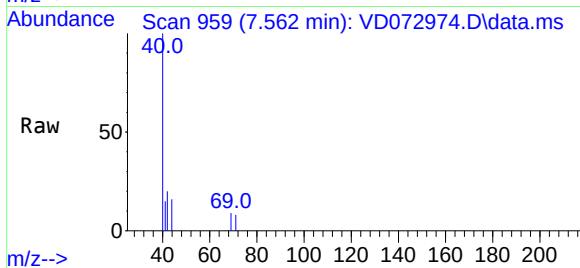
Acq: 13 May 2022 04:51

Instrument :

MSVOA_D

ClientSampleId :

P010-SS003-1824-01



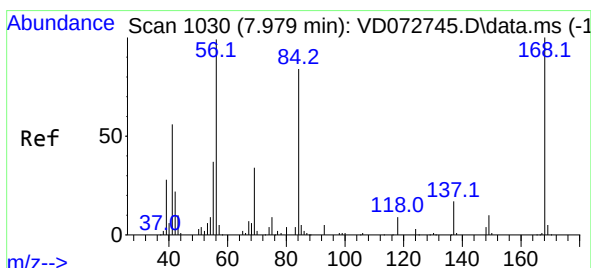
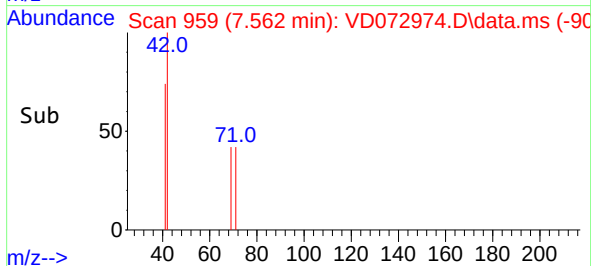
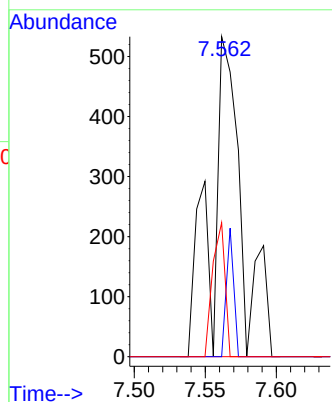
Tgt Ion: 42 Resp: 788

Ion Ratio Lower Upper

42 100

72 9.6 30.7 46.1#

71 17.1 28.6 43.0#



#31

Cyclohexane

Concen: 1.212 ug/l

RT: 7.973 min Scan# 1029

Delta R.T. -0.006 min

Lab File: VD072974.D

Acq: 13 May 2022 04:51

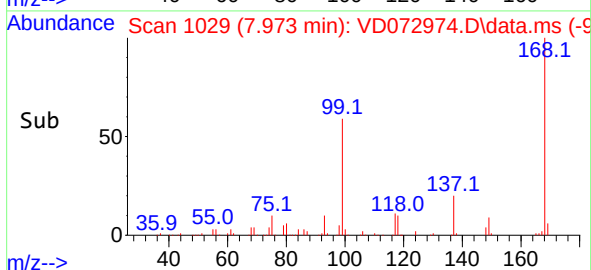
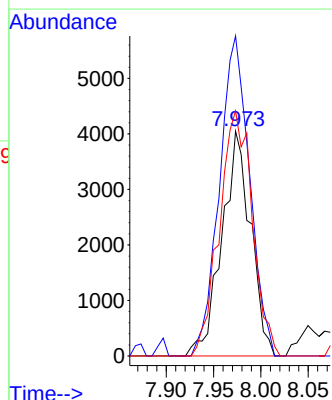
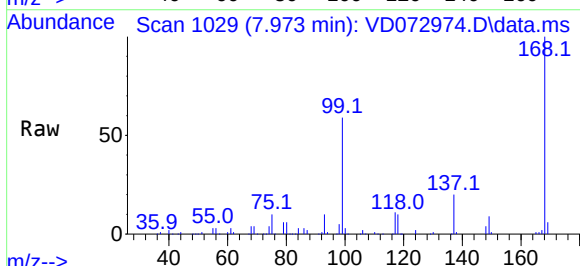
Tgt Ion: 56 Resp: 8547

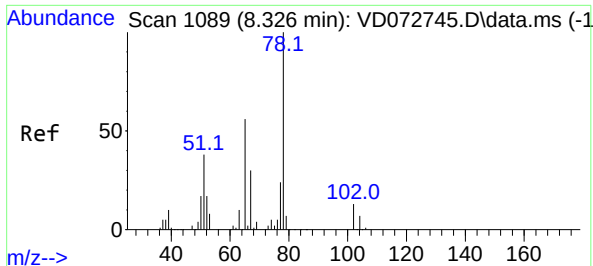
Ion Ratio Lower Upper

56 100

69 142.4 25.4 38.2#

84 109.0 63.0 94.4#

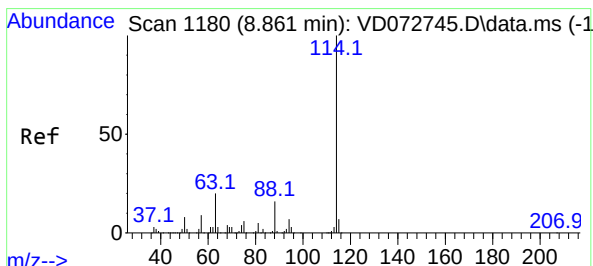
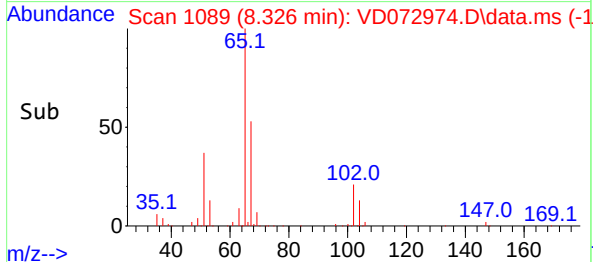
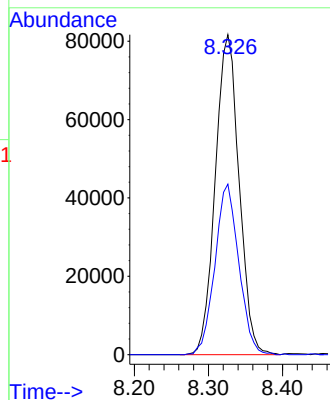
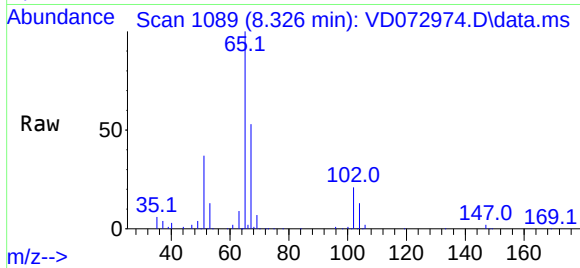




#33
1,2-Dichloroethane-d4
Concen: 45.148 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VD072974.D
Acq: 13 May 2022 04:51

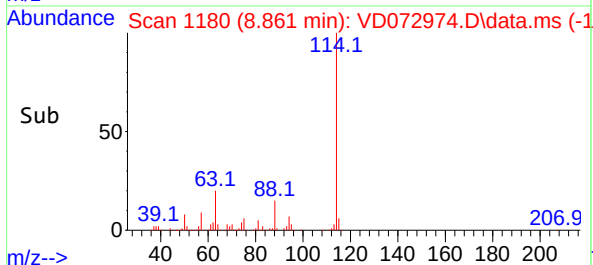
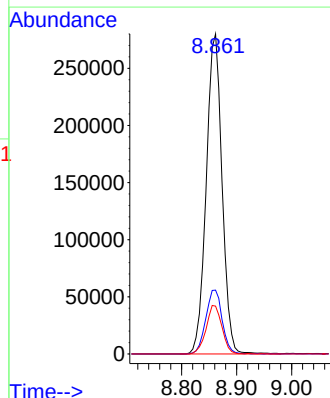
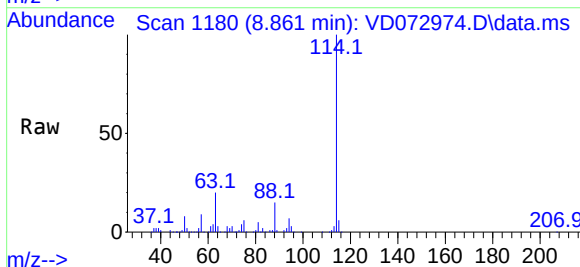
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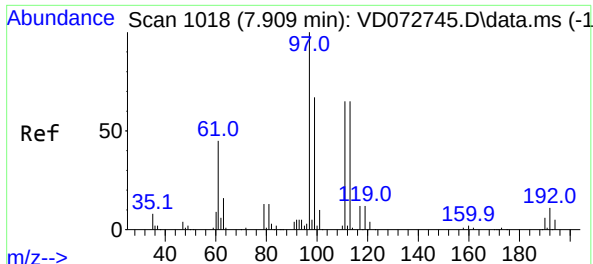
Tgt Ion: 65 Resp: 182109
Ion Ratio Lower Upper
65 100
67 53.5 0.0 101.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD072974.D
Acq: 13 May 2022 04:51

Tgt Ion: 114 Resp: 559121
Ion Ratio Lower Upper
114 100
63 20.0 0.0 46.6
88 14.9 0.0 33.2

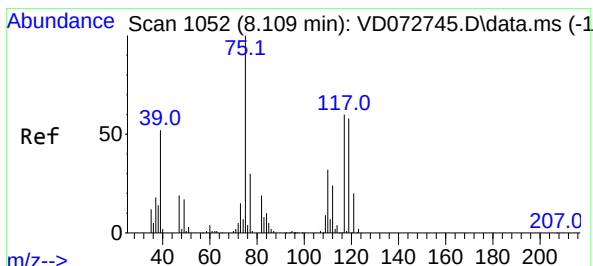
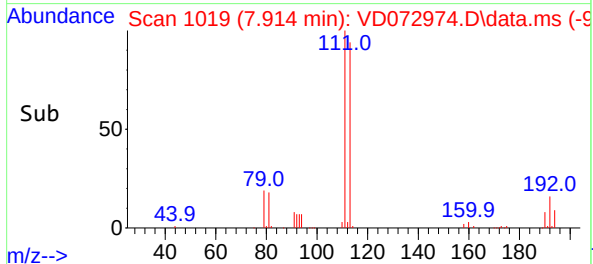
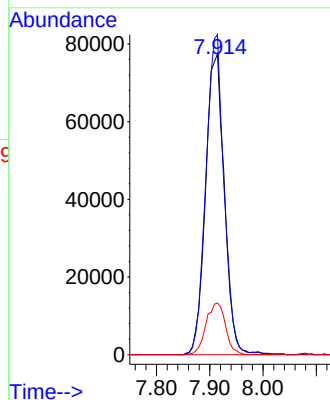
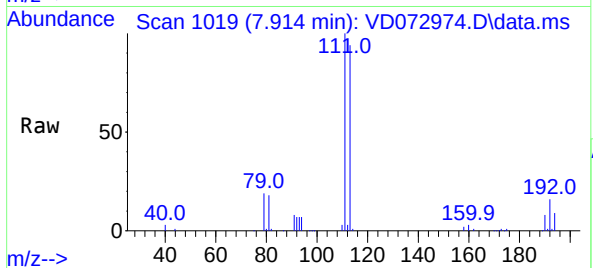




#35
Dibromofluoromethane
Concen: 48.372 ug/l
RT: 7.914 min Scan# 1018
Delta R.T. 0.005 min
Lab File: VD072974.D
Acq: 13 May 2022 04:51

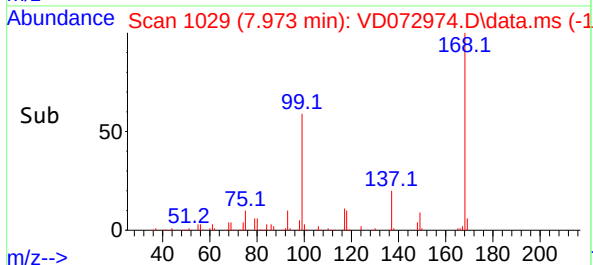
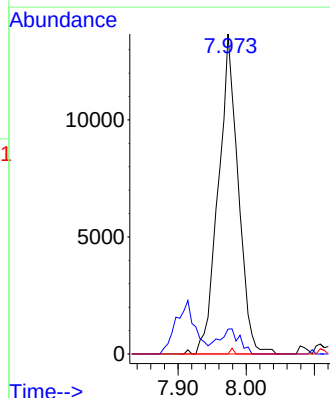
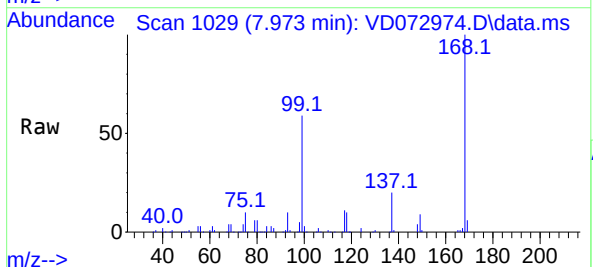
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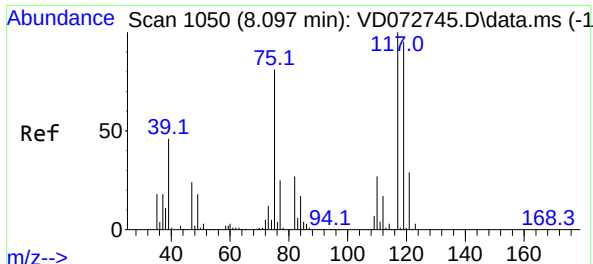
Tgt Ion:113 Resp: 189947
Ion Ratio Lower Upper
113 100
111 102.4 83.8 125.6
192 17.8 14.6 21.8



#36
1,1-Dichloropropene
Concen: 4.345 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.136 min
Lab File: VD072974.D
Acq: 13 May 2022 04:51

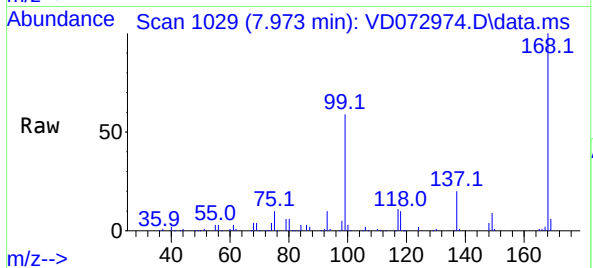
Tgt Ion: 75 Resp: 27741
Ion Ratio Lower Upper
75 100
110 8.2 16.4 49.1#
77 0.3 24.2 36.2#



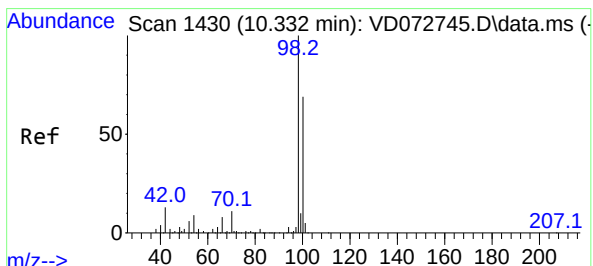
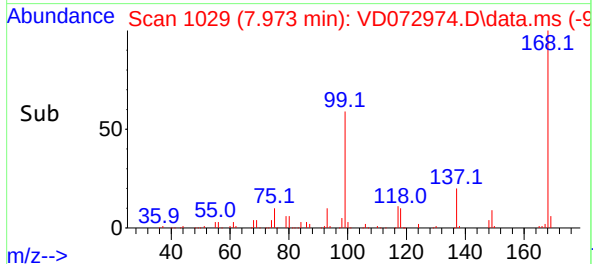
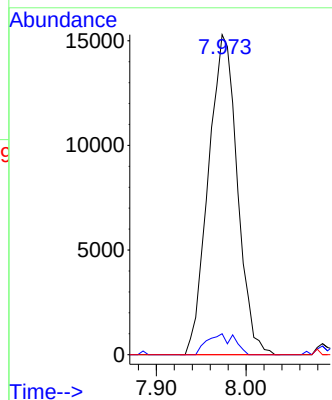


#38
Carbon Tetrachloride
Concen: 5.163 ug/l
RT: 7.973 min Scan# 1050
Delta R.T. -0.124 min
Lab File: VD072974.D
Acq: 13 May 2022 04:51

Instrument :
MSVOA_D
ClientSampleId :
P010-SS003-1824-01

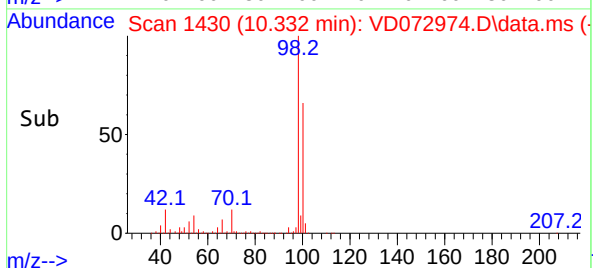
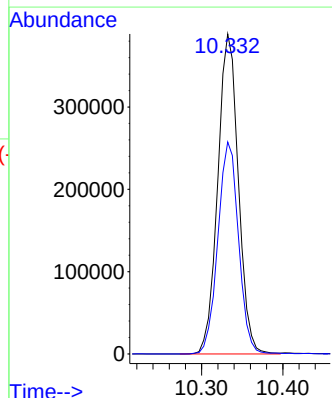
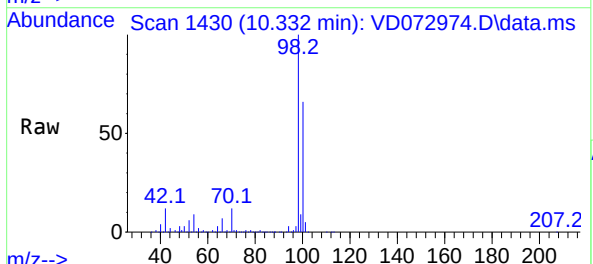


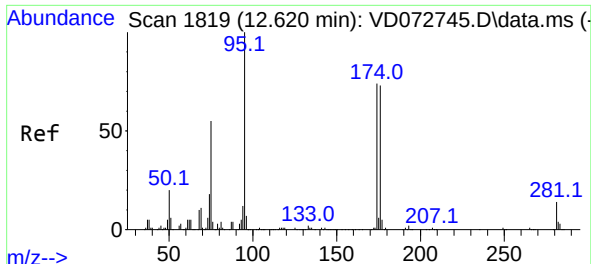
Tgt Ion:117 Resp: 34219
Ion Ratio Lower Upper
117 100
119 6.6 75.8 113.6#
121 0.0 24.5 36.7#



#50
Toluene-d8
Concen: 48.668 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD072974.D
Acq: 13 May 2022 04:51

Tgt Ion: 98 Resp: 685524
Ion Ratio Lower Upper
98 100
100 66.5 52.4 78.6

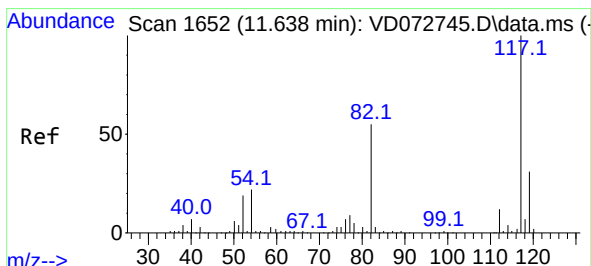
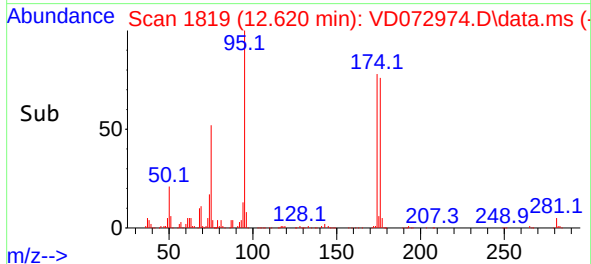
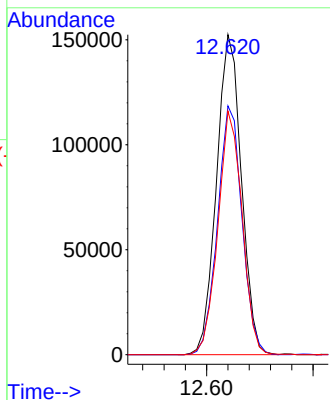
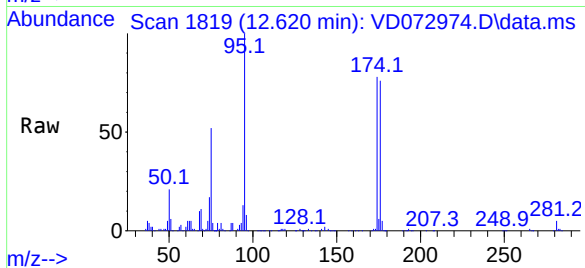




#62
4-Bromofluorobenzene
Concen: 47.017 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.000 min
Lab File: VD072974.D
Acq: 13 May 2022 04:51

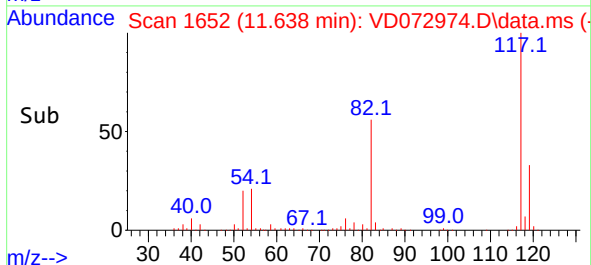
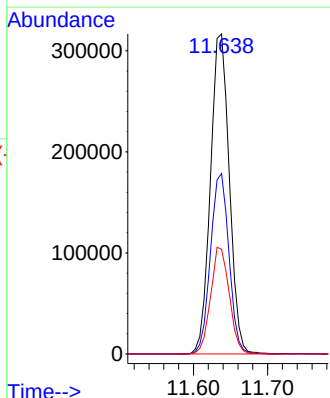
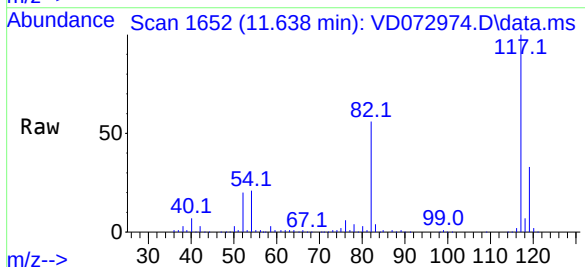
Instrument :
MSVOA_D
ClientSampleId :
P010-SS003-1824-01

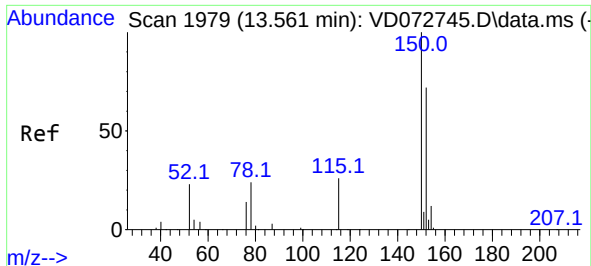
Tgt Ion:	95	Resp:	246940
Ion	Ratio	Lower	Upper
95	100		
174	76.6	0.0	152.8
176	73.9	0.0	145.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD072974.D
Acq: 13 May 2022 04:51

Tgt Ion:	117	Resp:	560074
Ion	Ratio	Lower	Upper
117	100		
82	56.4	45.3	67.9
119	32.7	26.6	40.0

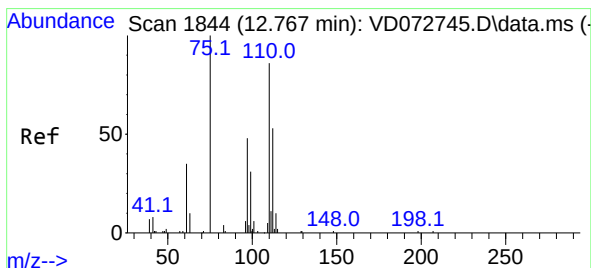
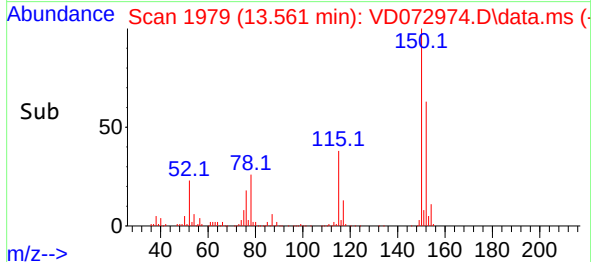
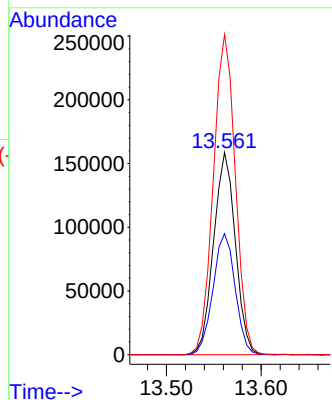
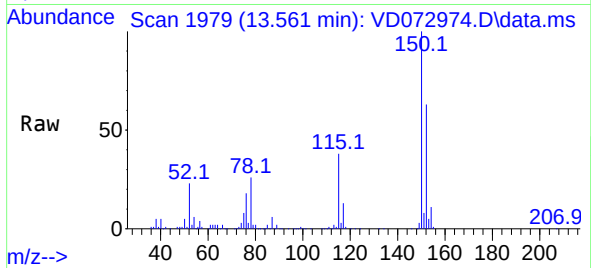




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1819
Delta R.T. 0.000 min
Lab File: VD072974.D
Acq: 13 May 2022 04:51

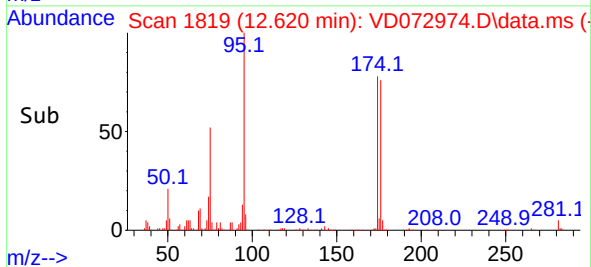
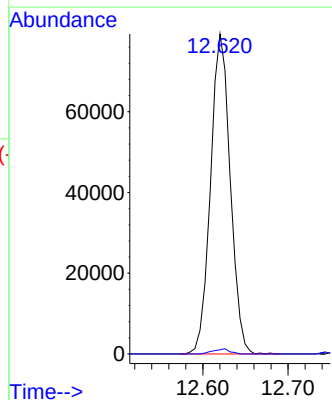
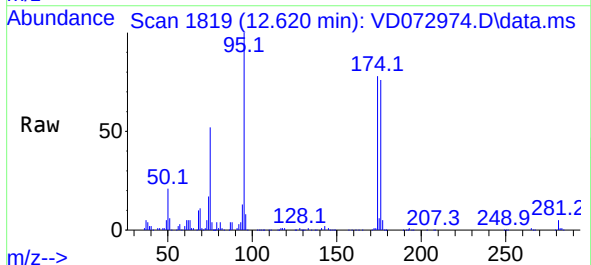
Instrument :
MSVOA_D
ClientSampleId :
P010-SS003-1824-01

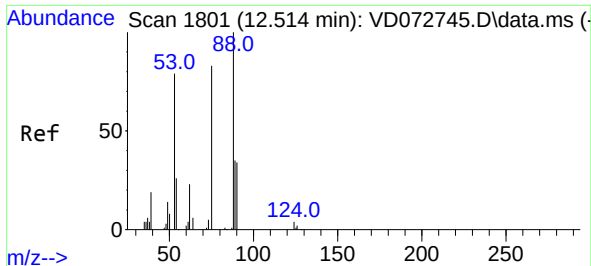
Tgt Ion:152 Resp: 253791
Ion Ratio Lower Upper
152 100
115 60.9 31.3 93.8
150 159.8 0.0 348.6



#76
1,2,3-Trichloropropane
Concen: 45.026 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.147 min
Lab File: VD072974.D
Acq: 13 May 2022 04:51

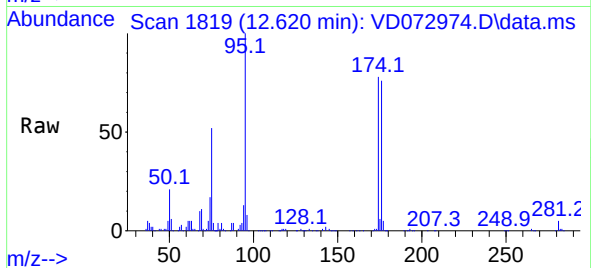
Tgt Ion: 75 Resp: 127421
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 103.542 ug/l
RT: 12.620 min Scan# 11
Delta R.T. 0.106 min
Lab File: VD072974.D
Acq: 13 May 2022 04:51

Instrument :
MSVOA_D
ClientSampleId :
P010-SS003-1824-01



Tgt Ion: 75 Resp: 127421
Ion Ratio Lower Upper
75 100
53 0.1 86.5 129.7#
89 0.1 33.9 50.9#

