

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD122822\
 Data File : VD075074.D
 Acq On : 28 Dec 2022 19:06
 Operator : KP/SY
 Sample : N6231-01
 Misc : 5.10G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-3S

Quant Time: Dec 29 03:54:14 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D12222S.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 23 05:54:19 2022
 Response via : Initial Calibration

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

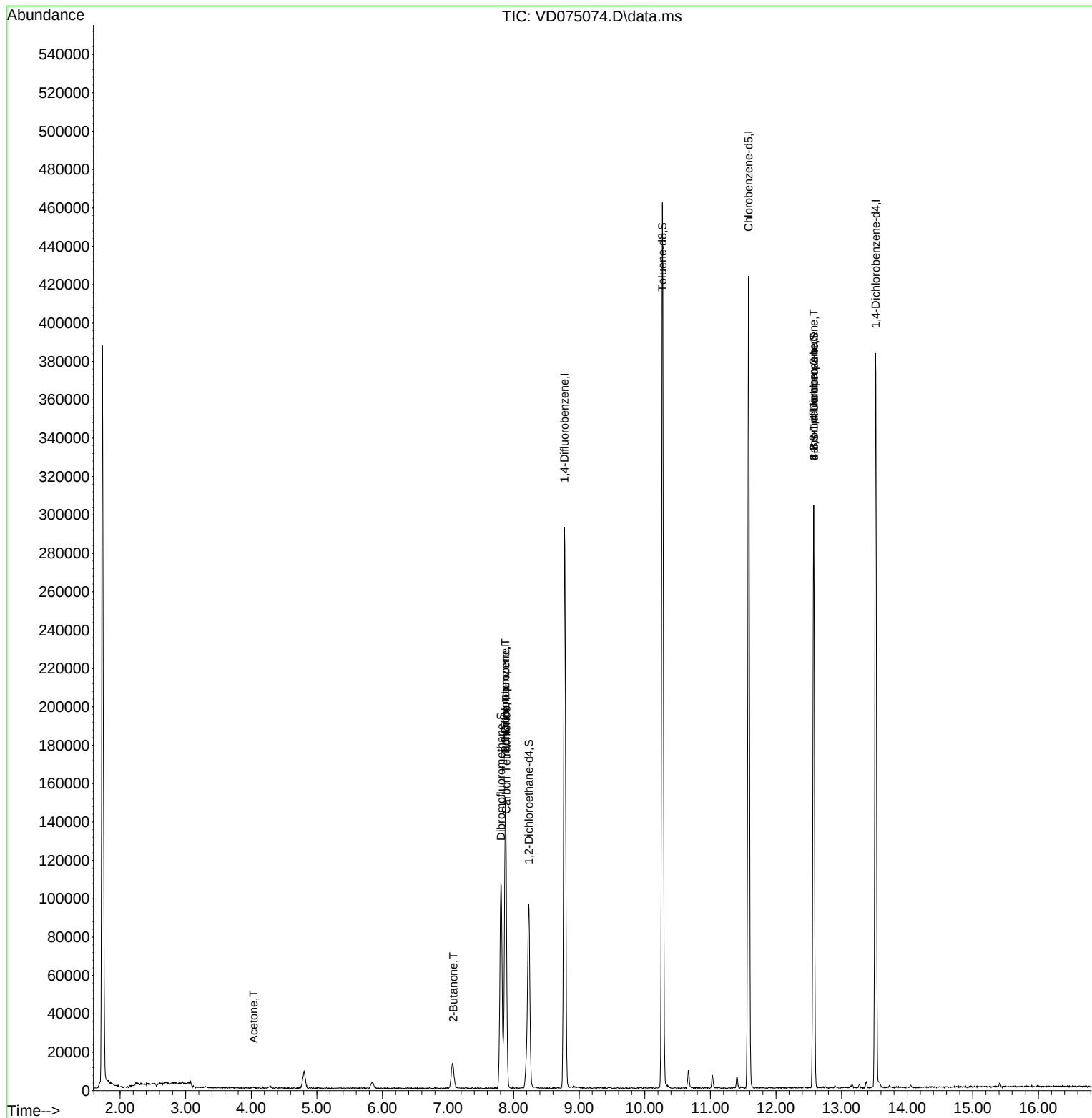
Internal Standards						
1) Pentafluorobenzene	7.875	168	114276	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	265486	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	239393	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	102820	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	73404	65.715	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 131.420%	
35) Dibromofluoromethane	7.810	113	80708	51.662	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 103.320%	
50) Toluene-d8	10.269	98	322040	51.018	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 102.040%	
62) 4-Bromofluorobenzene	12.575	95	104322	51.015	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 102.040%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.146	50	544	Below Cal		97
5) Bromomethane	2.699	94	345	Below Cal	#	71
11) Tert butyl alcohol	5.022	59	64	Below Cal	#	84
16) Acetone	4.034	43	689	2.375	ug/l #	39
17) Carbon Disulfide	4.275	76	1183	Below Cal	#	75
18) Methyl Acetate	4.752	43	55	Below Cal	#	44
20) Methylene Chloride	4.805	84	6394	Below Cal	#	86
25) 2-Butanone	7.081	43	542	1.400	ug/l #	39
31) Cyclohexane	7.881	56	2806	Below Cal	#	9
36) 1,1-Dichloropropene	7.875	75	10109	5.010	ug/l #	46
38) Carbon Tetrachloride	7.887	117	11310	6.482	ug/l #	16
76) 1,2,3-Trichloropropane	12.575	75	52862	50.141	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.575	75	52862	116.210	ug/l #	19

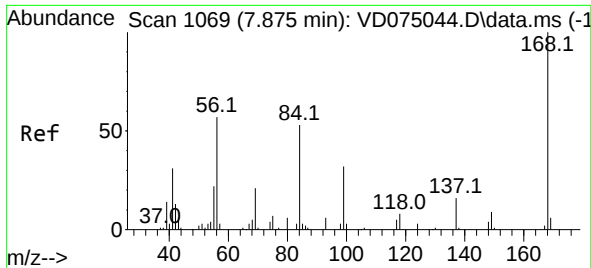
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D122222S.M
Quant Title : SW846 8260
QLast Update : Fri Dec 23 05:54:19 2022
Response via : Initial Calibration

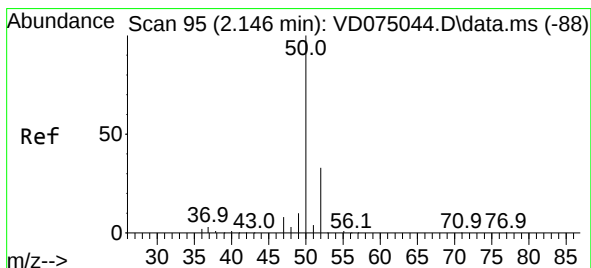
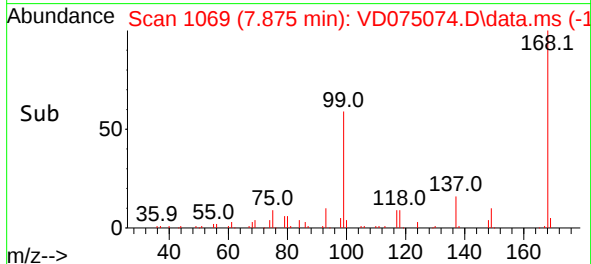
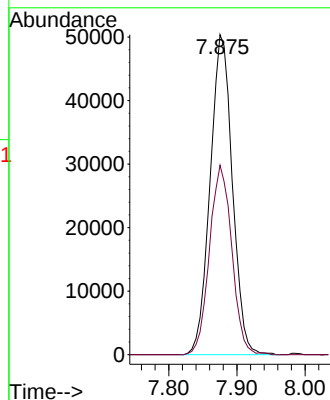
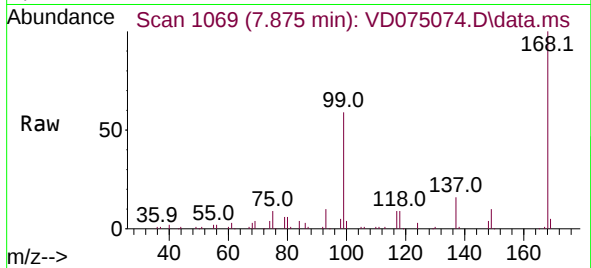




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD075074.D
Acq: 28 Dec 2022 19:06

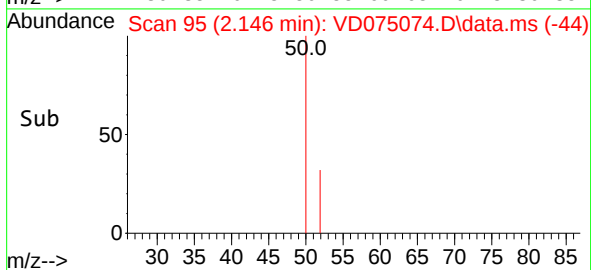
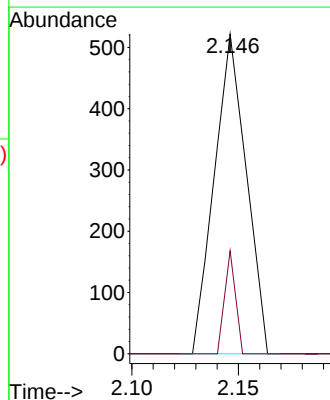
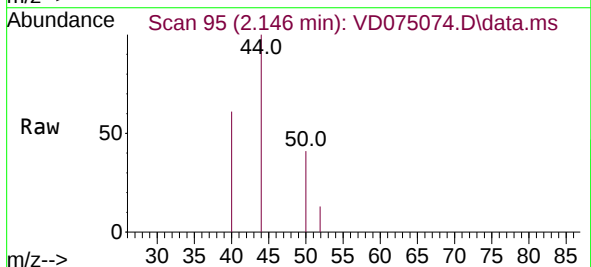
Instrument :
MSVOA_D
ClientSampleId :
TP-3S

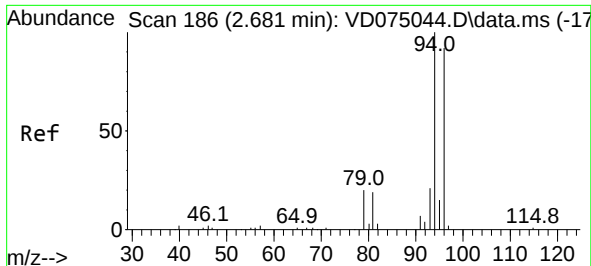
Tgt Ion:168 Resp: 114276
Ion Ratio Lower Upper
168 100
99 59.2 40.3 60.5



#3
Chloromethane
Concen: Below Cal
RT: 2.146 min Scan# 95
Delta R.T. 0.000 min
Lab File: VD075074.D
Acq: 28 Dec 2022 19:06

Tgt Ion: 50 Resp: 544
Ion Ratio Lower Upper
50 100
52 32.2 27.2 40.8

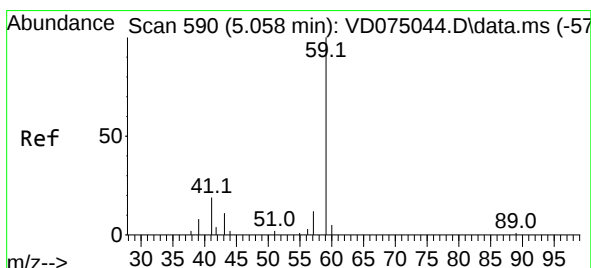
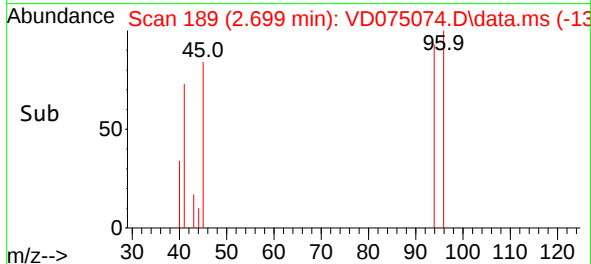
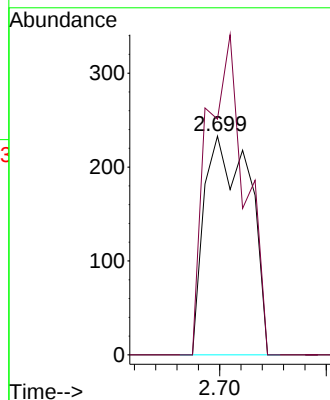
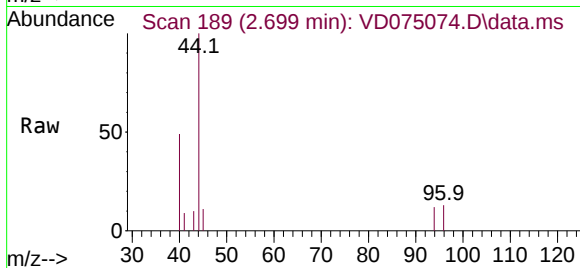




#5
Bromomethane
Concen: Below Cal
RT: 2.699 min Scan# 11
Delta R.T. 0.018 min
Lab File: VD075074.D
Acq: 28 Dec 2022 19:06

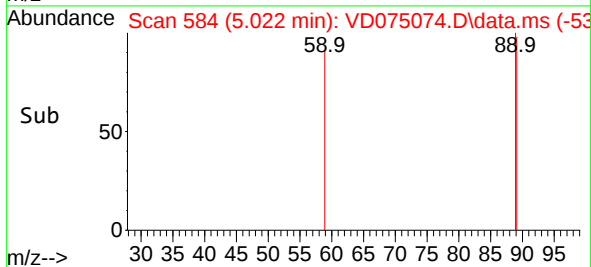
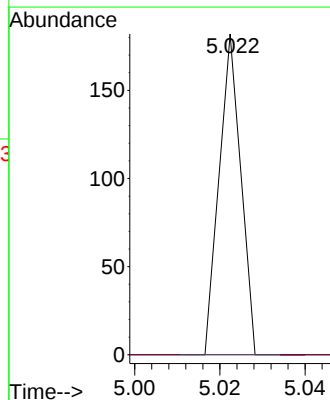
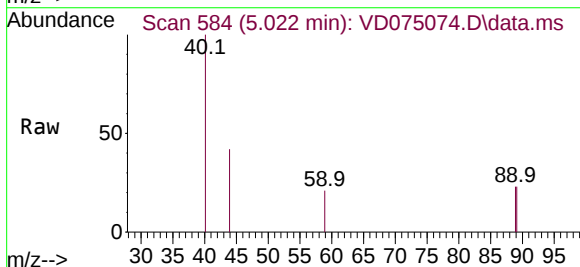
Instrument :
MSVOA_D
ClientSampleId :
TP-3S

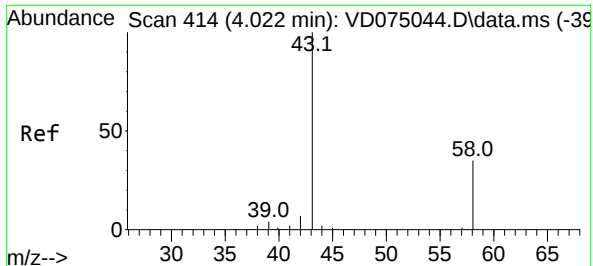
Tgt Ion: 94 Resp: 345
Ion Ratio Lower Upper
94 100
96 122.3 75.2 112.8#



#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.022 min Scan# 584
Delta R.T. -0.030 min
Lab File: VD075074.D
Acq: 28 Dec 2022 19:06

Tgt Ion: 59 Resp: 64
Ion Ratio Lower Upper
59 100
57 0.0 4.3 6.5#

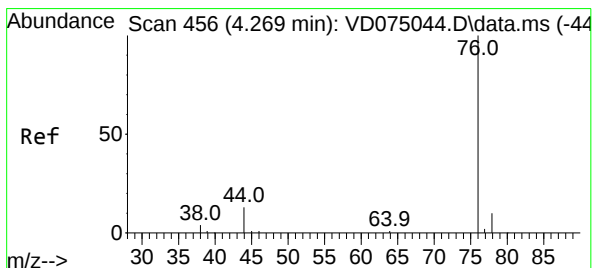
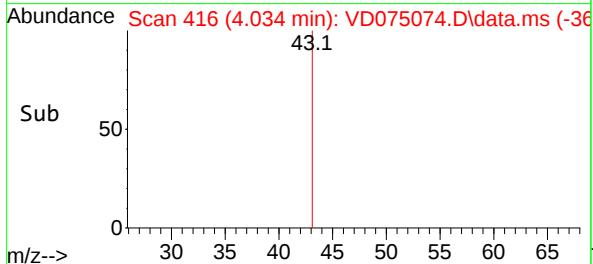
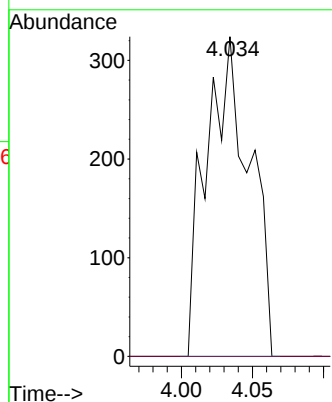
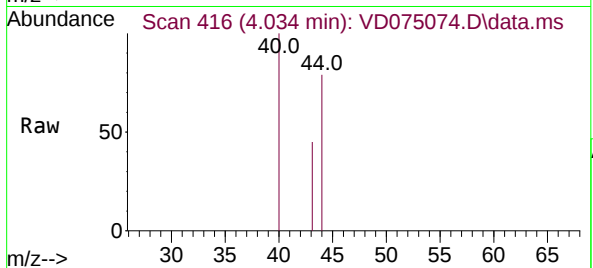




#16
Acetone
Concen: 2.375 ug/l
RT: 4.034 min Scan# 416
Delta R.T. 0.012 min
Lab File: VD075074.D
Acq: 28 Dec 2022 19:06

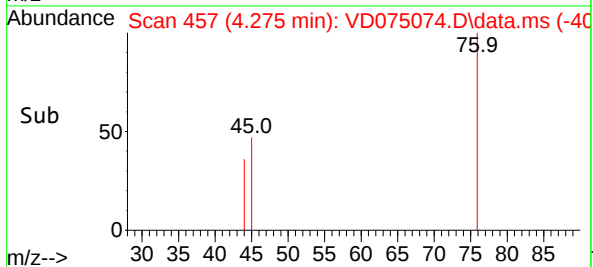
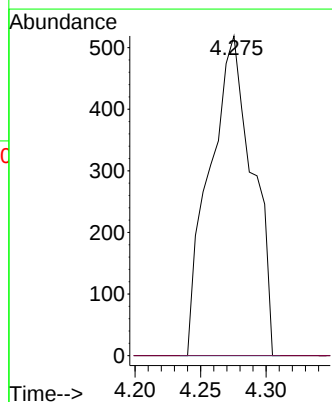
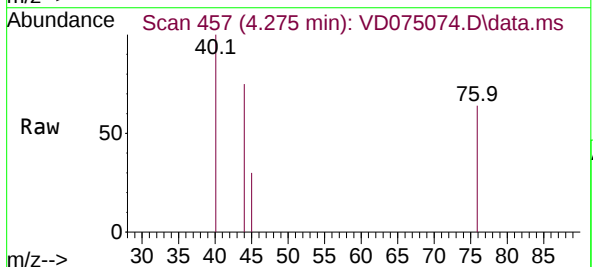
Instrument :
MSVOA_D
ClientSampleId :
TP-3S

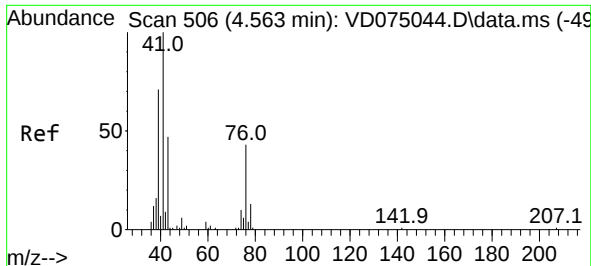
Tgt Ion: 43 Resp: 689
Ion Ratio Lower Upper
43 100
58 0.0 28.6 43.0#



#17
Carbon Disulfide
Concen: Below Cal
RT: 4.275 min Scan# 457
Delta R.T. 0.011 min
Lab File: VD075074.D
Acq: 28 Dec 2022 19:06

Tgt Ion: 76 Resp: 1183
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#

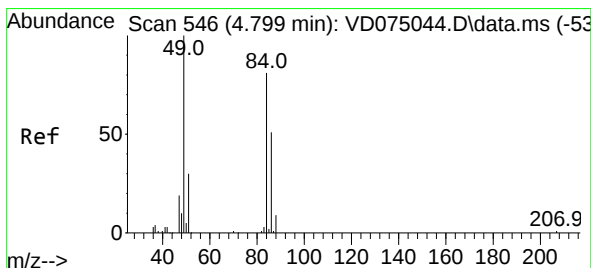
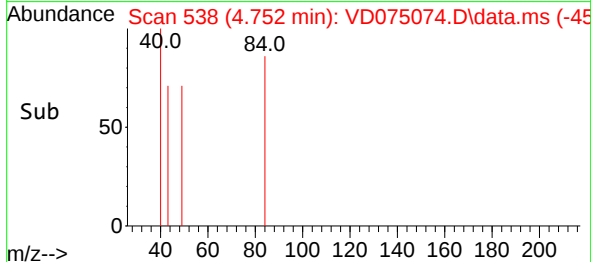
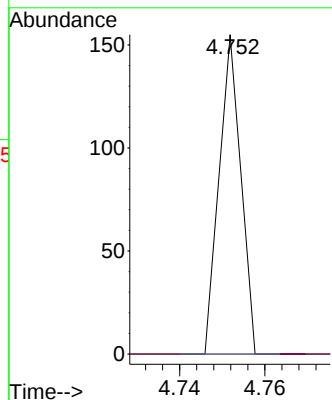
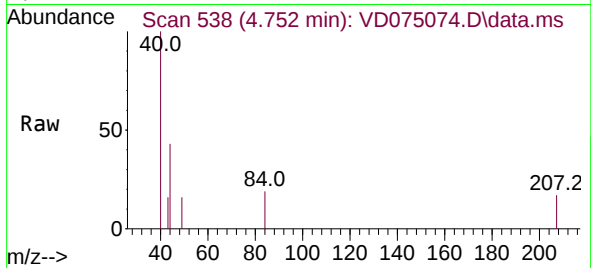




#18
Methyl Acetate
Concen: Below Cal
RT: 4.752 min Scan# 51
Delta R.T. 0.188 min
Lab File: VD075074.D
Acq: 28 Dec 2022 19:06

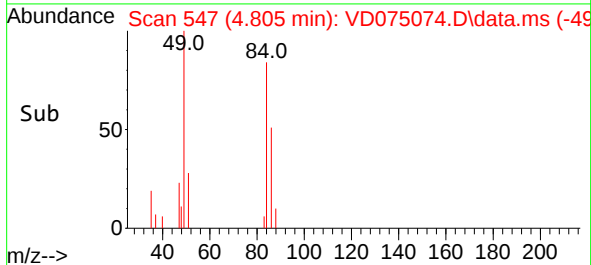
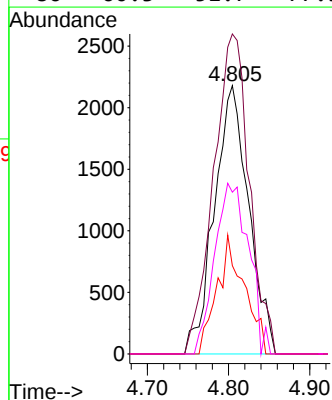
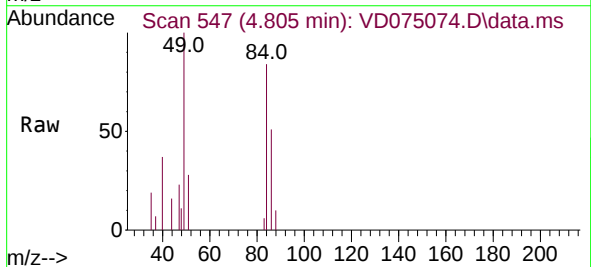
Instrument :
MSVOA_D
ClientSampleId :
TP-3S

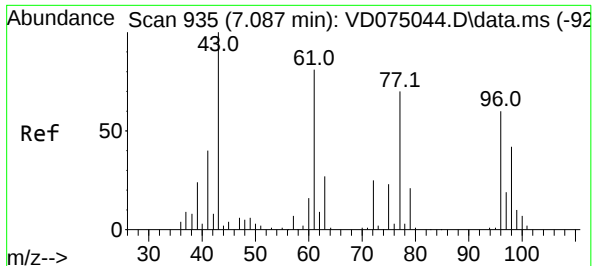
Tgt Ion: 43 Resp: 55
Ion Ratio Lower Upper
43 100
74 0.0 24.5 36.7#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.805 min Scan# 547
Delta R.T. 0.012 min
Lab File: VD075074.D
Acq: 28 Dec 2022 19:06

Tgt Ion: 84 Resp: 6394
Ion Ratio Lower Upper
84 100
49 119.3 77.2 115.8#
51 32.9 24.1 36.1
86 60.3 51.7 77.5

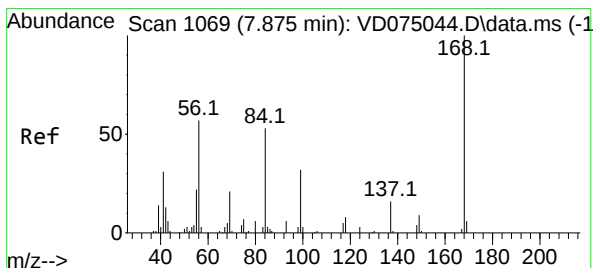
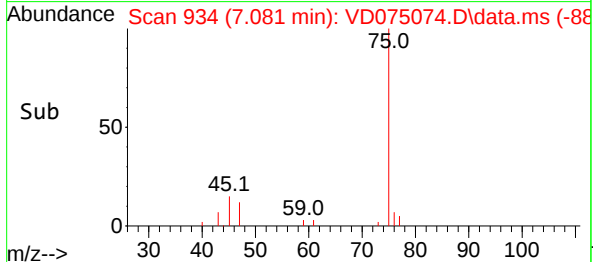
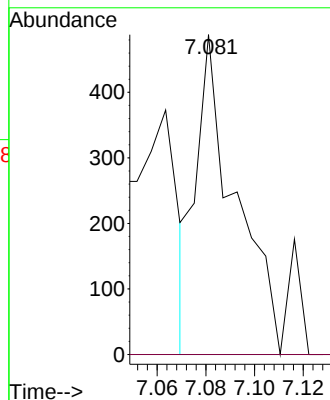
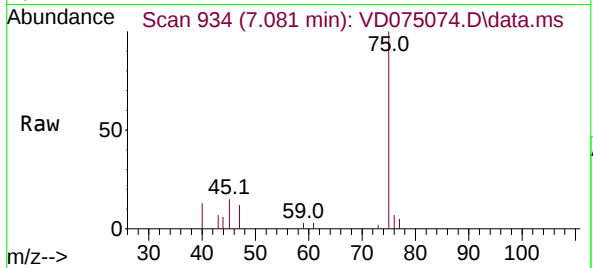




#25
2-Butanone
Concen: 1.400 ug/l
RT: 7.081 min Scan# 91
Delta R.T. 0.000 min
Lab File: VD075074.D
Acq: 28 Dec 2022 19:06

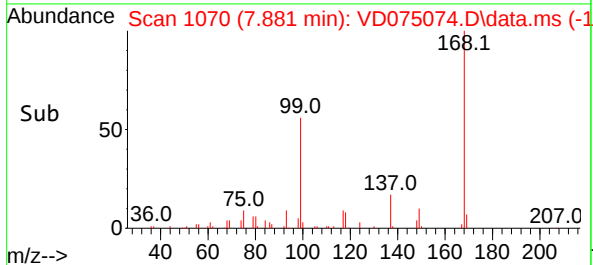
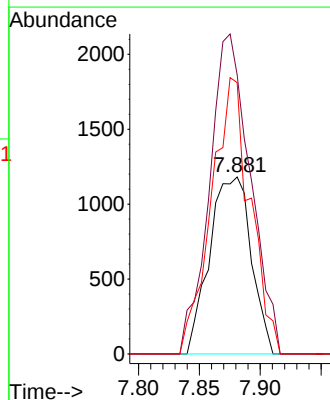
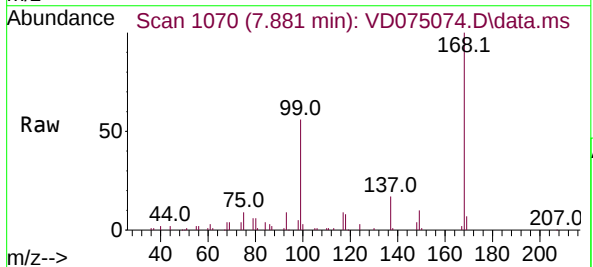
Instrument :
MSVOA_D
ClientSampleId :
TP-3S

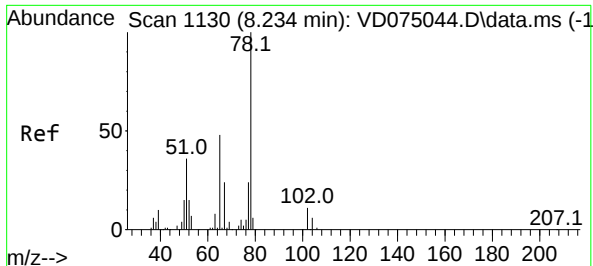
Tgt Ion: 43 Resp: 542
Ion Ratio Lower Upper
43 100
72 0.0 28.4 42.6#



#31
Cyclohexane
Concen: Below Cal
RT: 7.881 min Scan# 1070
Delta R.T. 0.006 min
Lab File: VD075074.D
Acq: 28 Dec 2022 19:06

Tgt Ion: 56 Resp: 2806
Ion Ratio Lower Upper
56 100
69 157.7 29.4 44.2#
84 153.3 81.8 122.8#





#33

1,2-Dichloroethane-d4

Concen: 65.715 ug/l

RT: 8.234 min Scan# 1130

Delta R.T. 0.006 min

Lab File: VD075074.D

Acq: 28 Dec 2022 19:06

Instrument :

MSVOA_D

ClientSampleId :

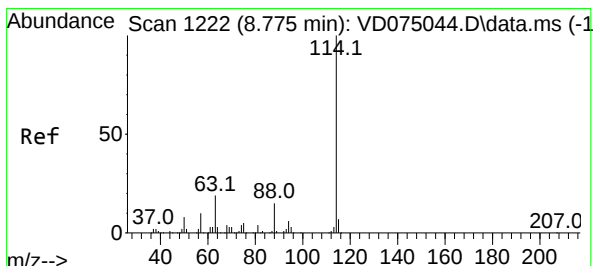
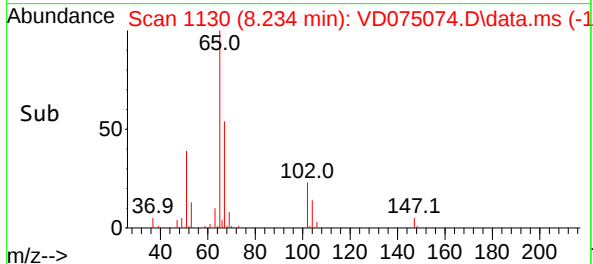
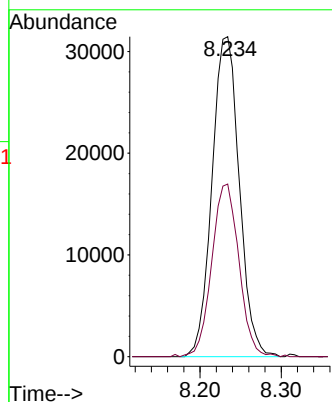
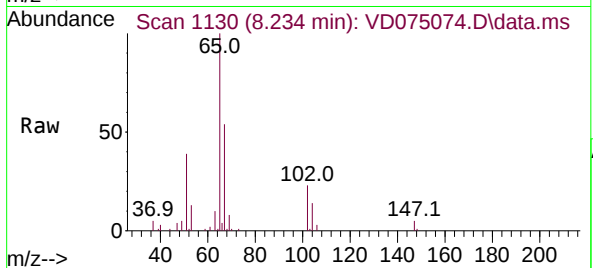
TP-3S

Tgt Ion: 65 Resp: 73404

Ion Ratio Lower Upper

65 100

67 53.8 0.0 111.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1222

Delta R.T. 0.000 min

Lab File: VD075074.D

Acq: 28 Dec 2022 19:06

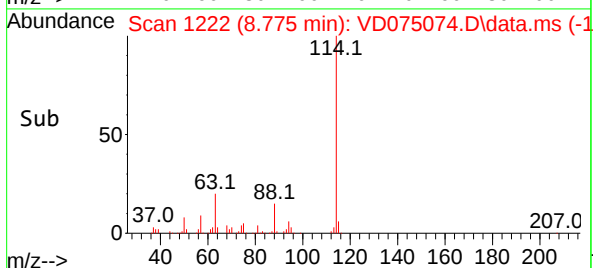
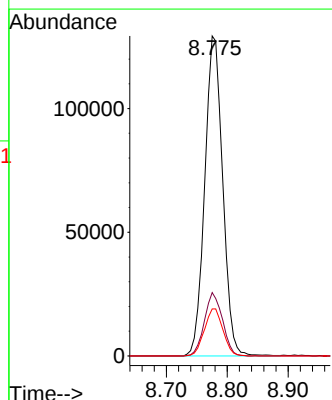
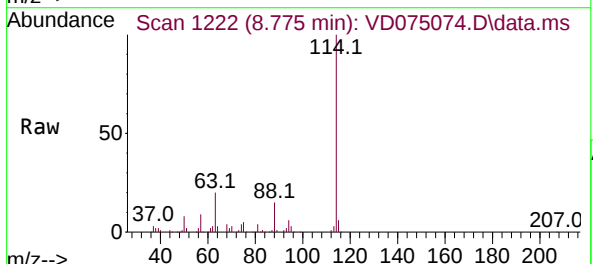
Tgt Ion: 114 Resp: 265486

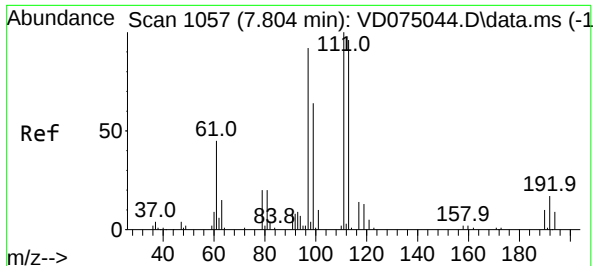
Ion Ratio Lower Upper

114 100

63 19.8 0.0 33.8

88 14.7 0.0 27.8

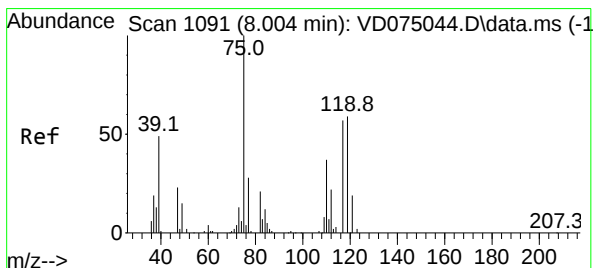
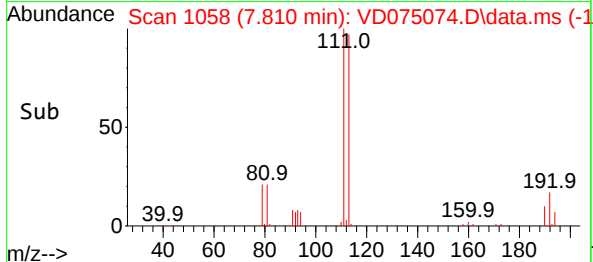
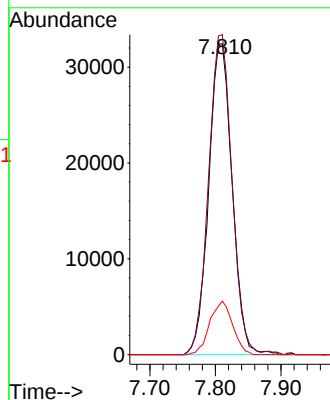
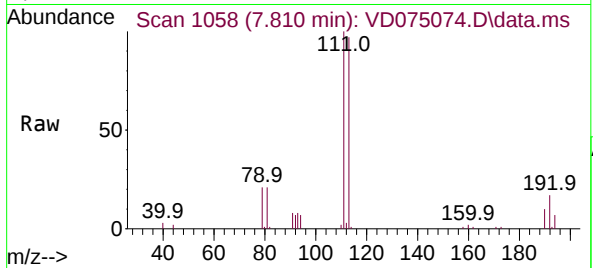




#35
Dibromofluoromethane
Concen: 51.662 ug/l
RT: 7.810 min Scan# 1058
Delta R.T. 0.005 min
Lab File: VD075074.D
Acq: 28 Dec 2022 19:06

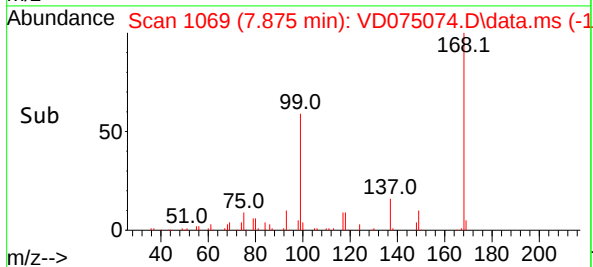
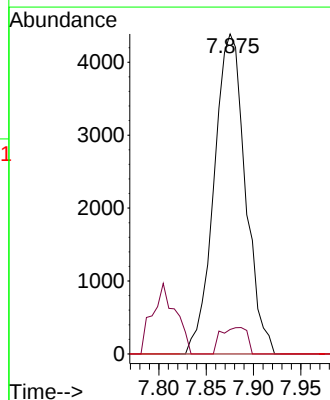
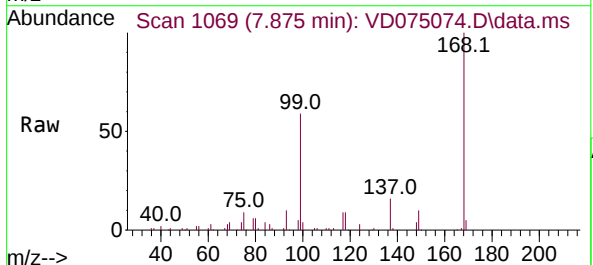
Instrument :
MSVOA_D
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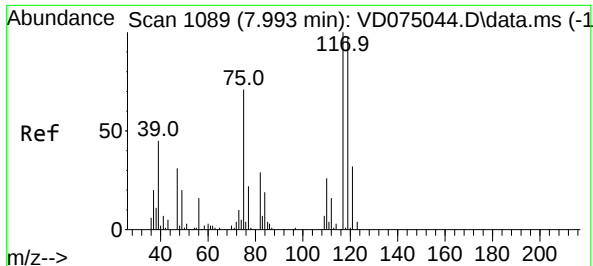
Tgt Ion:113 Resp: 80708
Ion Ratio Lower Upper
113 100
111 102.3 82.1 123.1
192 16.8 15.1 22.7



#36
1,1-Dichloropropene
Concen: 5.010 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.135 min
Lab File: VD075074.D
Acq: 28 Dec 2022 19:06

Tgt Ion: 75 Resp: 10109
Ion Ratio Lower Upper
75 100
110 6.9 19.0 57.0#
77 0.0 25.2 37.8#

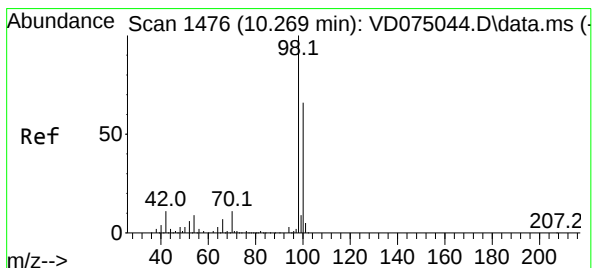
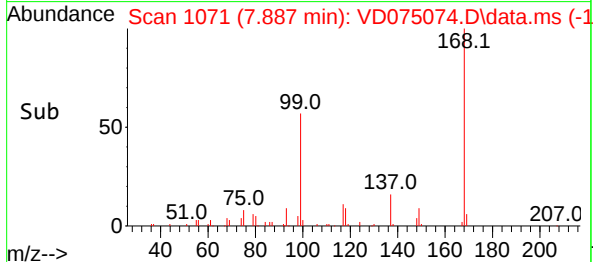
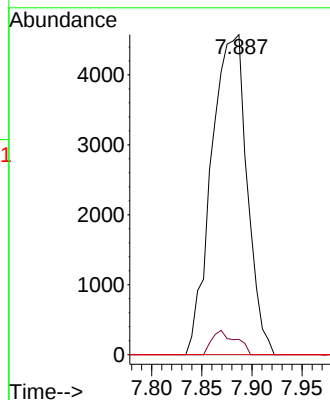
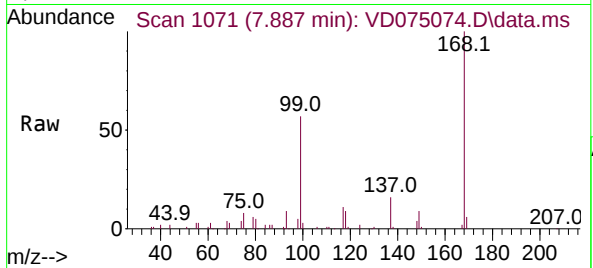




#38
Carbon Tetrachloride
Concen: 6.482 ug/l
RT: 7.887 min Scan# 1089
Delta R.T. -0.106 min
Lab File: VD075074.D
Acq: 28 Dec 2022 19:06

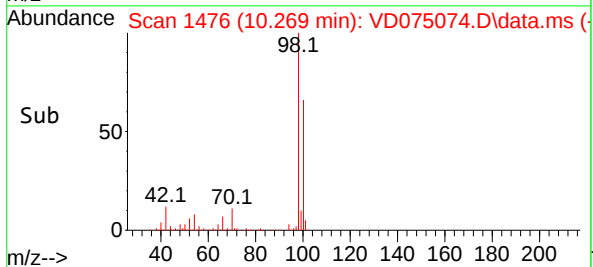
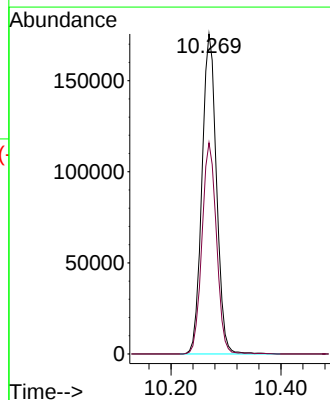
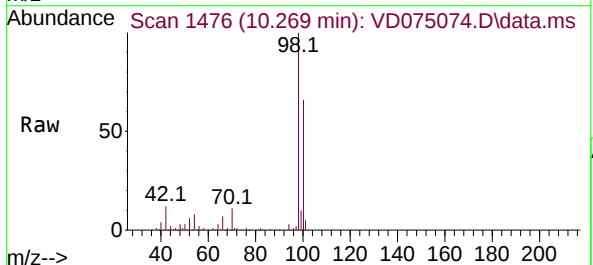
Instrument :
MSVOA_D
ClientSampleId :
TP-3S

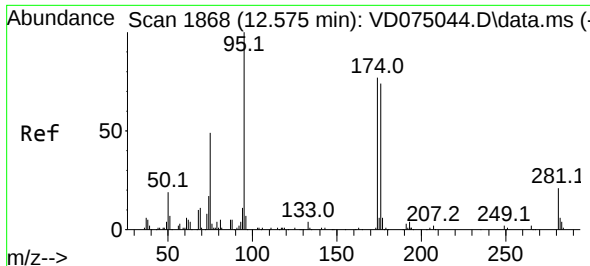
Tgt Ion:117 Resp: 11310
Ion Ratio Lower Upper
117 100
119 4.8 75.8 113.6#
121 0.0 25.4 38.0#



#50
Toluene-d8
Concen: 51.018 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD075074.D
Acq: 28 Dec 2022 19:06

Tgt Ion: 98 Resp: 322040
Ion Ratio Lower Upper
98 100
100 65.9 52.2 78.2

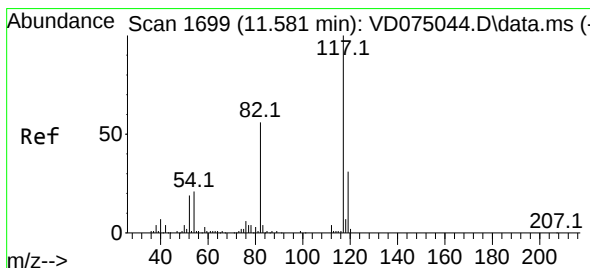
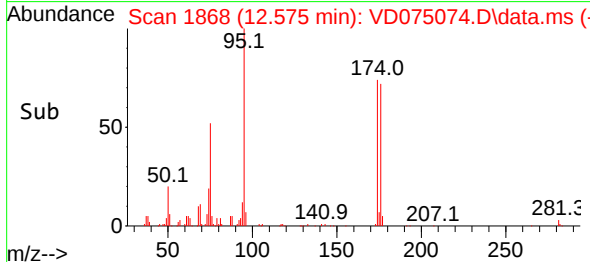
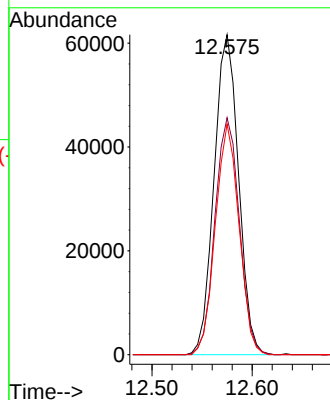
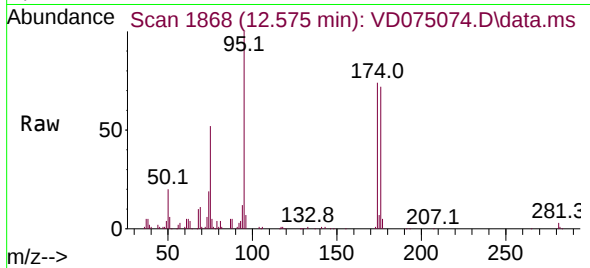




#62
4-Bromofluorobenzene
Concen: 51.015 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD075074.D
Acq: 28 Dec 2022 19:06

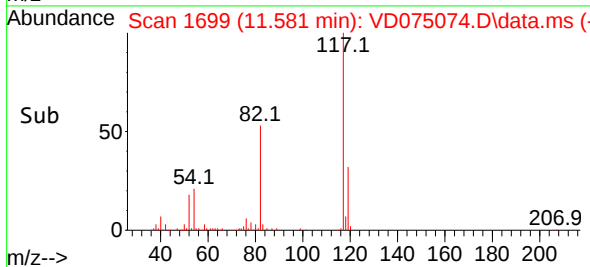
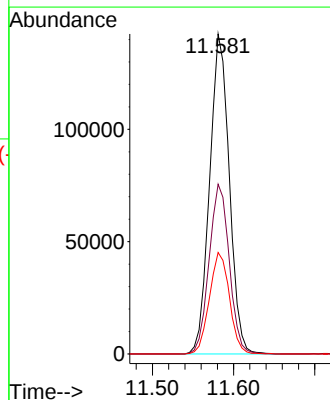
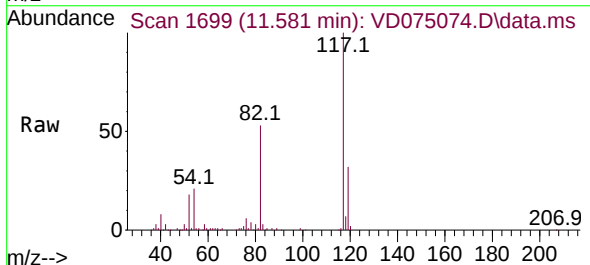
Instrument :
MSVOA_D
ClientSampleId :
TP-3S

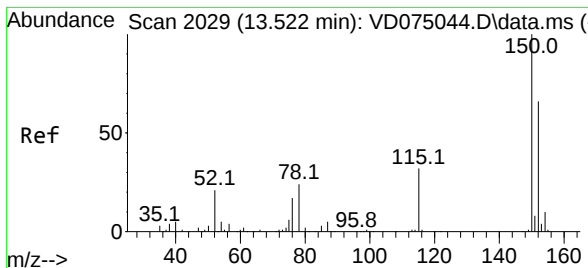
Tgt Ion: 95 Resp: 104322
Ion Ratio Lower Upper
95 100
174 74.0 0.0 171.2
176 69.9 0.0 165.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VD075074.D
Acq: 28 Dec 2022 19:06

Tgt Ion: 117 Resp: 239393
Ion Ratio Lower Upper
117 100
82 53.0 40.9 61.3
119 31.7 25.5 38.3

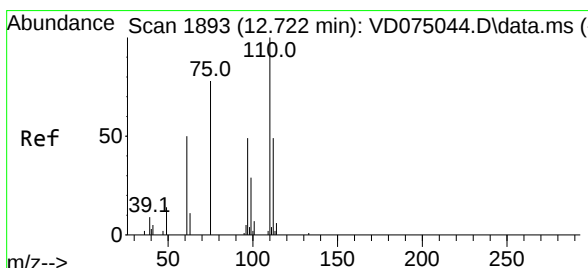
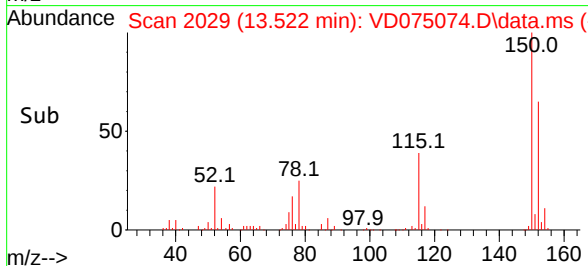
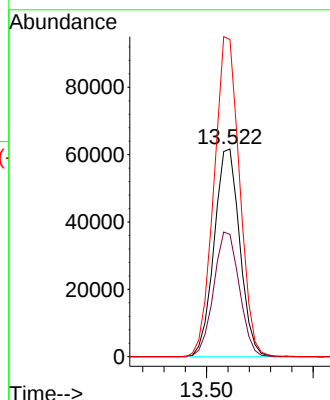
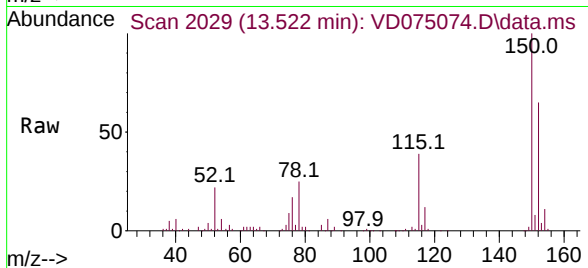




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.522 min Scan# 20
 Delta R.T. 0.006 min
 Lab File: VD075074.D
 Acq: 28 Dec 2022 19:06

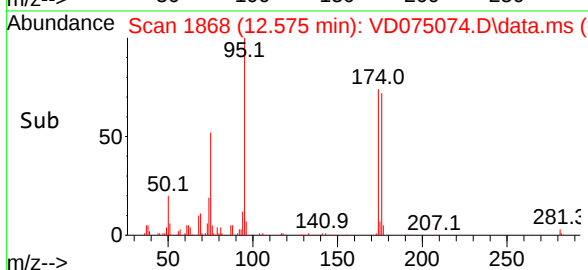
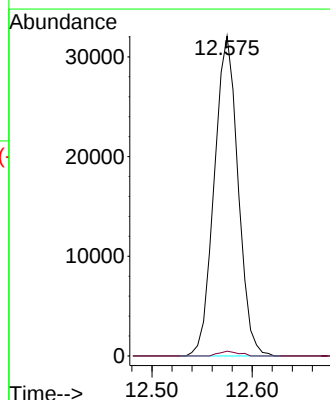
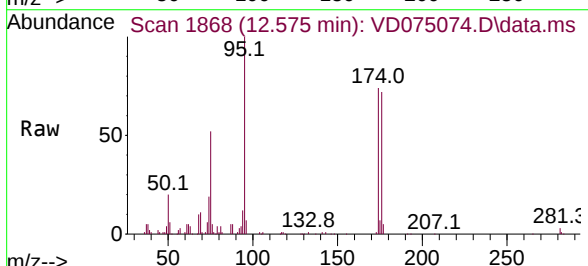
Instrument :
 MSVOA_D
 ClientSampleId :
 TP-3S

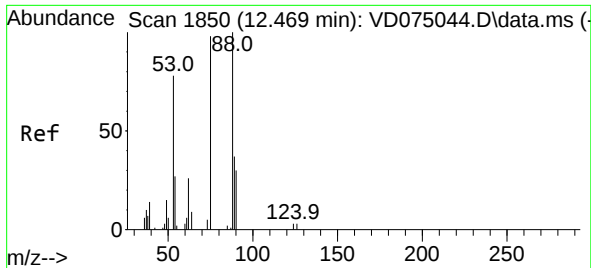
Tgt Ion:152 Resp: 102820
 Ion Ratio Lower Upper
 152 100
 115 60.3 28.8 86.5
 150 153.9 0.0 354.2



#76
 1,2,3-Trichloropropane
 Concen: 50.141 ug/l
 RT: 12.575 min Scan# 1868
 Delta R.T. -0.147 min
 Lab File: VD075074.D
 Acq: 28 Dec 2022 19:06

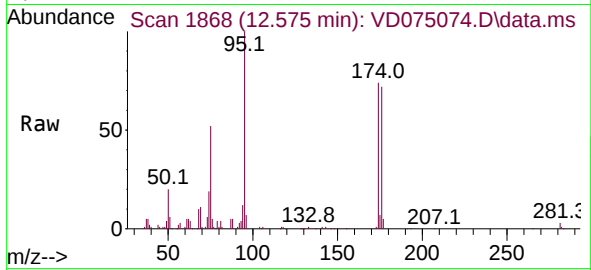
Tgt Ion: 75 Resp: 52862
 Ion Ratio Lower Upper
 75 100
 77 1.2 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 116.210 ug/l
 RT: 12.575 min Scan# 11
 Delta R.T. 0.106 min
 Lab File: VD075074.D
 Acq: 28 Dec 2022 19:06

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-3S



Tgt Ion: 75 Resp: 52862
 Ion Ratio Lower Upper
 75 100
 53 0.0 60.0 90.0#
 89 0.0 37.4 56.0#

