

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD020823\
 Data File : VD075274.D
 Acq On : 08 Feb 2023 16:21
 Operator : KP/SY
 Sample : 01445-05
 Misc : 6.83G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 JPP-29-020323

Quant Time: Feb 09 05:42:19 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D020723S.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 08 04:26:58 2023
 Response via : Initial Calibration

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

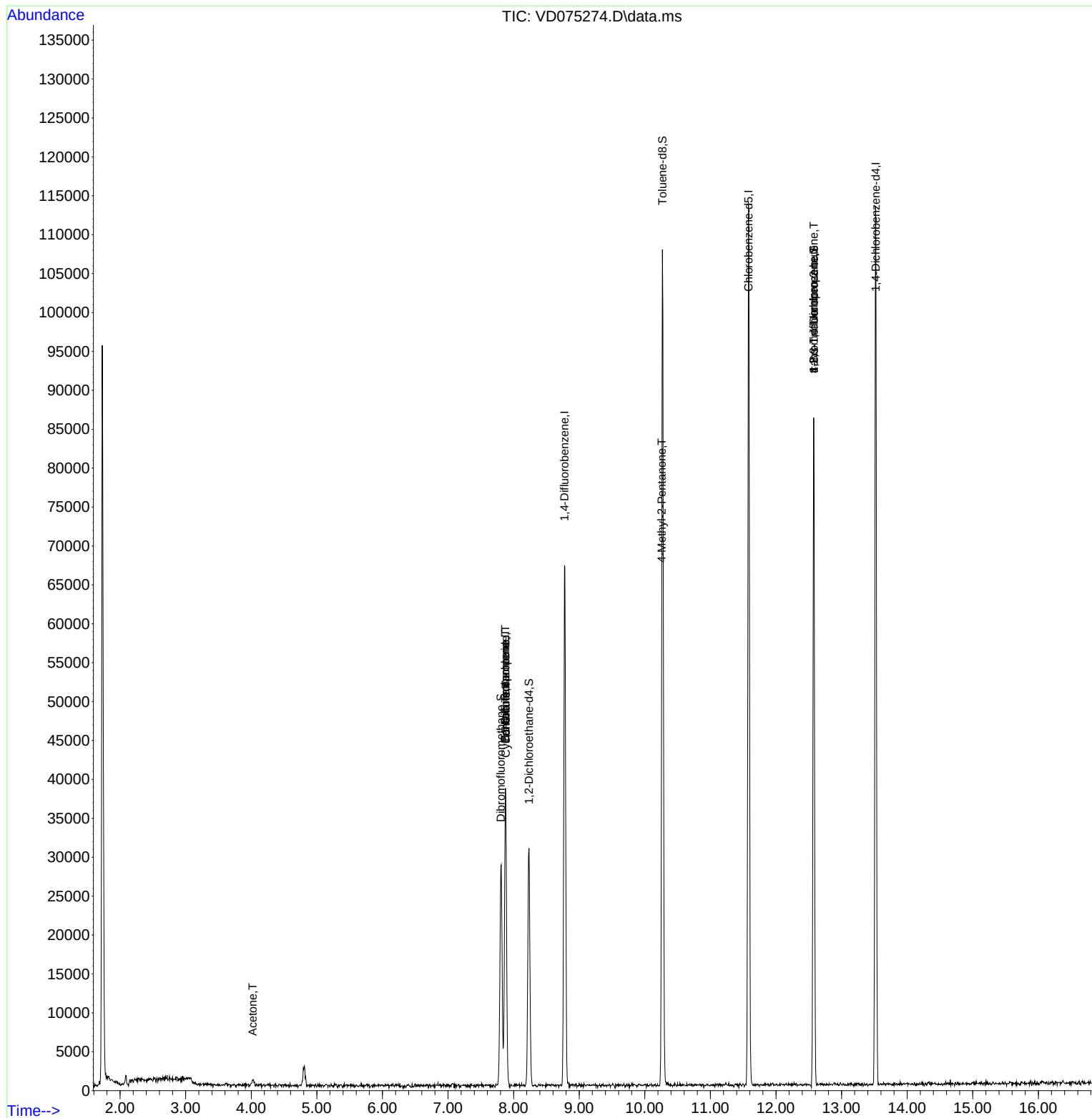
Internal Standards						
1) Pentafluorobenzene	7.875	168	29435	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	57190	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	62133	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	29200	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	23691	68.640	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 137.280%			
35) Dibromofluoromethane	7.805	113	20689	51.592	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 103.180%			
50) Toluene-d8	10.269	98	72614	47.747	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 95.500%			
62) 4-Bromofluorobenzene	12.575	95	25831	51.512	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 103.020%			
Target Compounds						
3) Chloromethane	2.152	50	114	Below Cal	#	41
16) Acetone	4.022	43	1110	12.162	ug/l #	42
20) Methylene Chloride	4.805	84	1457	Below Cal	#	85
31) Cyclohexane	7.881	56	685	1.118	ug/l #	15
36) 1,1-Dichloropropene	7.875	75	2284	3.656	ug/l #	41
38) Carbon Tetrachloride	7.875	117	2724	4.706	ug/l #	14
51) 4-Methyl-2-Pentanone	10.257	43	327	1.242	ug/l #	1
76) 1,2,3-Trichloropropane	12.575	75	14023	42.280	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.575	75	14023	133.586	ug/l #	14

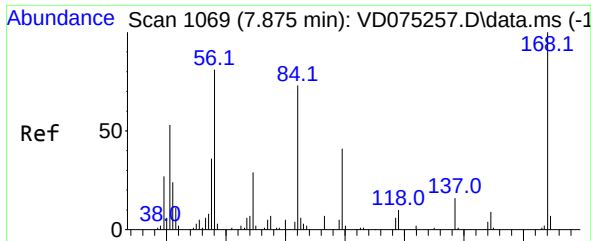
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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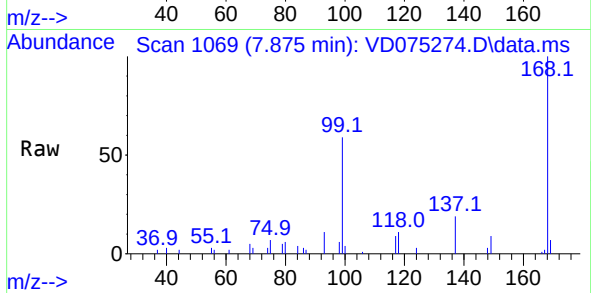
Quant Time: Feb 09 05:42:19 2023
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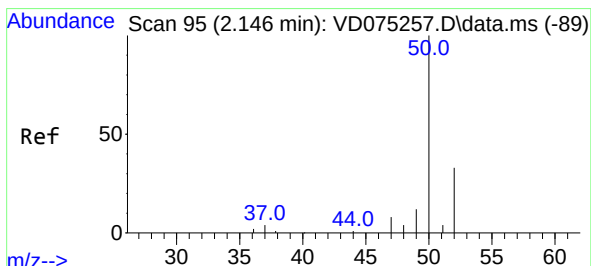
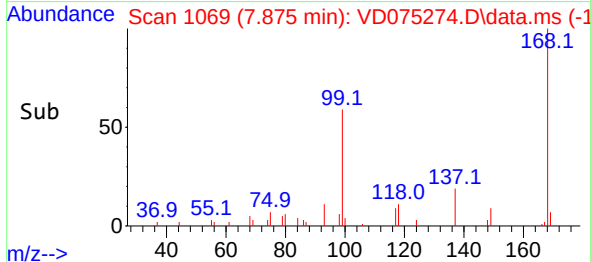
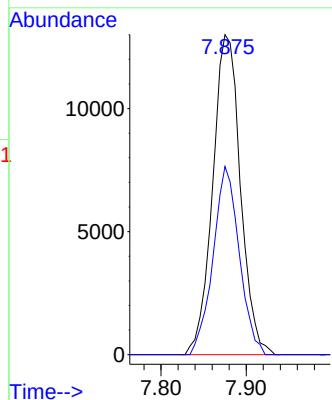


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD075274.D
Acq: 08 Feb 2023 16:21

Instrument :
MSVOA_D
ClientSampleId :
JPP-29-020323

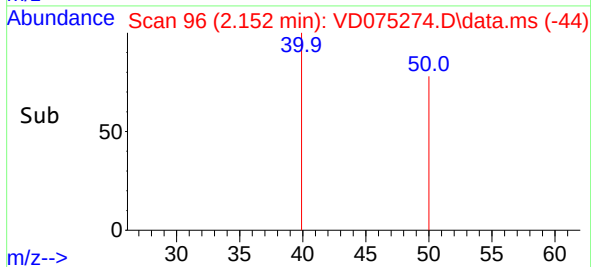
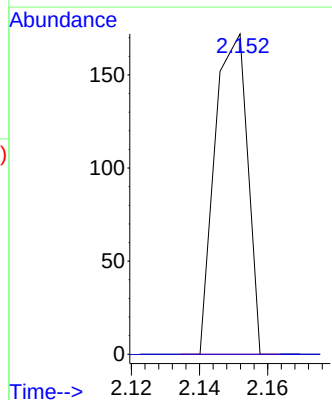
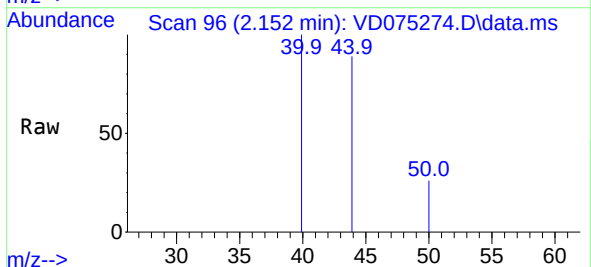


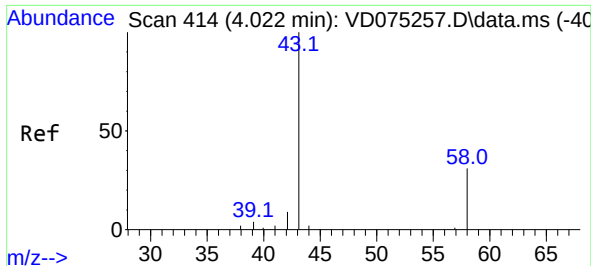
Tgt Ion:168 Resp: 29435
Ion Ratio Lower Upper
168 100
99 58.8 45.2 67.8



#3
Chloromethane
Concen: Below Cal
RT: 2.152 min Scan# 96
Delta R.T. 0.006 min
Lab File: VD075274.D
Acq: 08 Feb 2023 16:21

Tgt Ion: 50 Resp: 114
Ion Ratio Lower Upper
50 100
52 0.0 27.0 40.6#

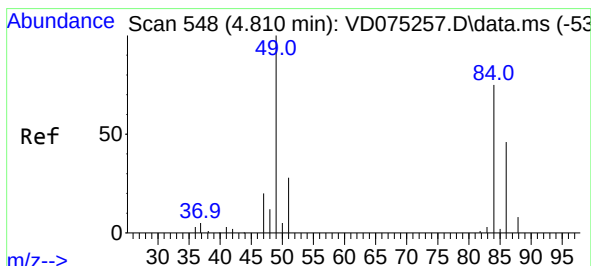
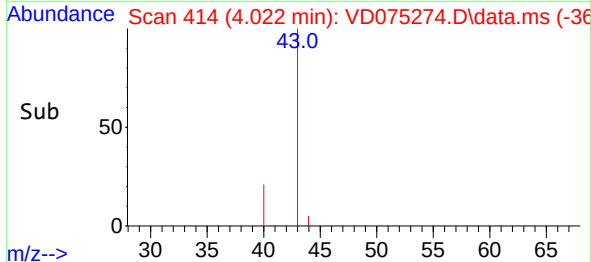
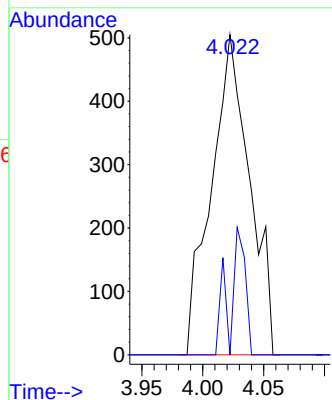
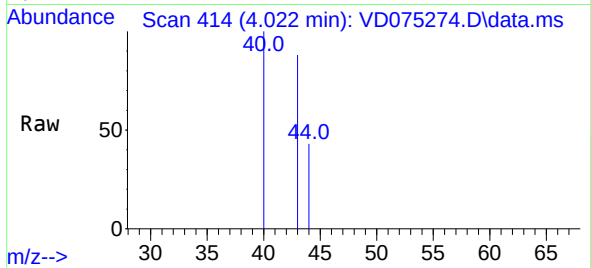




#16
Acetone
Concen: 12.162 ug/l
RT: 4.022 min Scan# 414
Delta R.T. 0.000 min
Lab File: VD075274.D
Acq: 08 Feb 2023 16:21

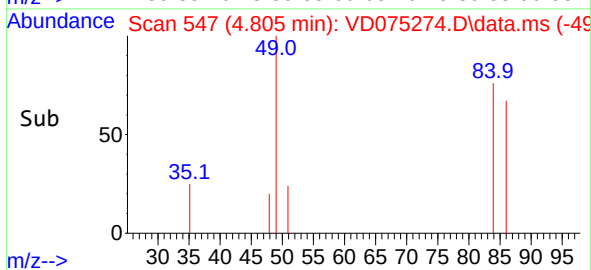
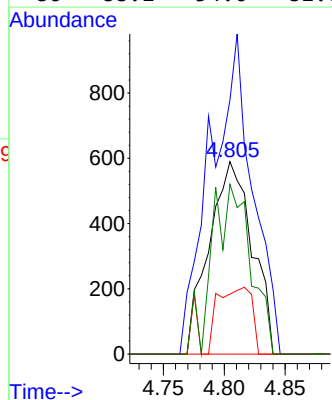
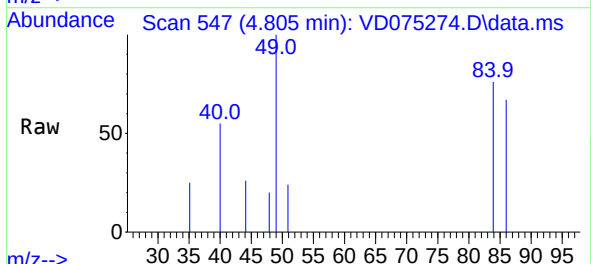
Instrument :
MSVOA_D
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JPP-29-020323

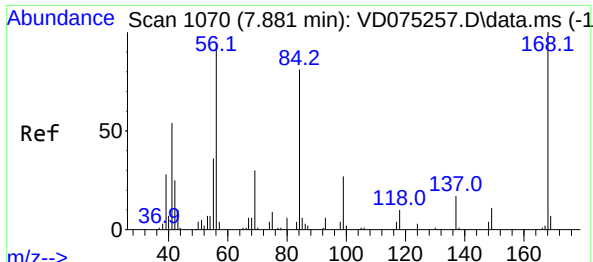
Tgt Ion: 43 Resp: 1110
Ion Ratio Lower Upper
43 100
58 0.0 26.0 39.0#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.805 min Scan# 547
Delta R.T. -0.005 min
Lab File: VD075274.D
Acq: 08 Feb 2023 16:21

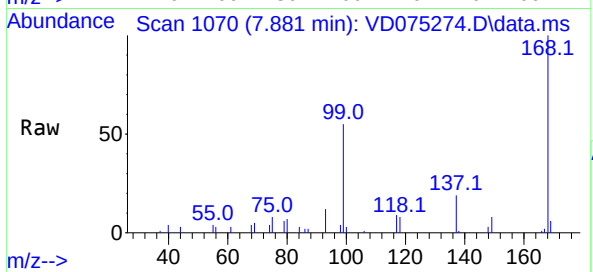
Tgt Ion: 84 Resp: 1457
Ion Ratio Lower Upper
84 100
49 132.0 97.0 145.6
51 31.2 30.9 46.3
86 88.1 54.0 81.0#



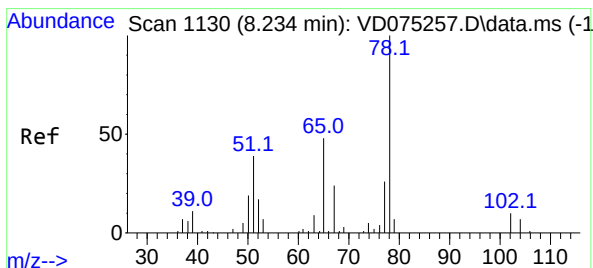
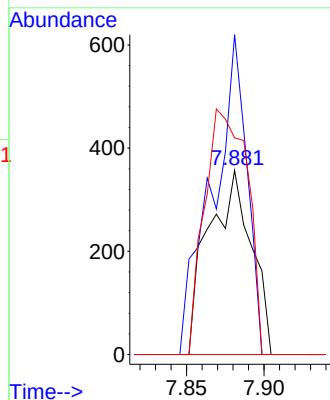
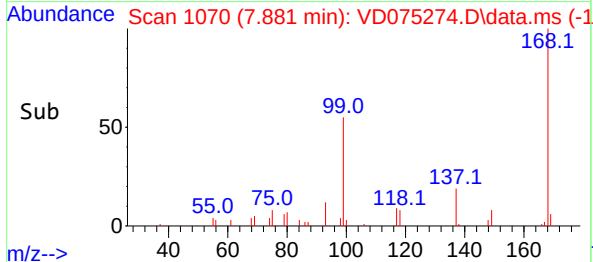


#31
Cyclohexane
Concen: 1.118 ug/l
RT: 7.881 min Scan# 1070
Delta R.T. 0.000 min
Lab File: VD075274.D
Acq: 08 Feb 2023 16:21

Instrument :
MSVOA_D
ClientSampleId :
JPP-29-020323

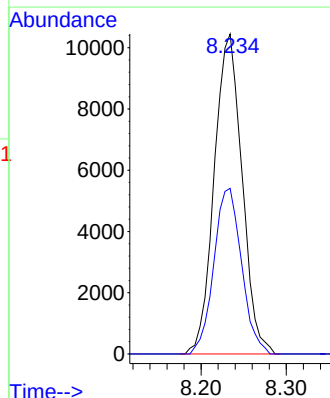
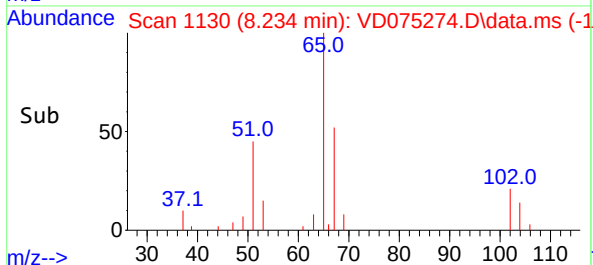
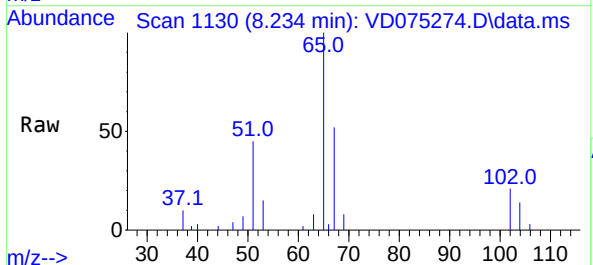


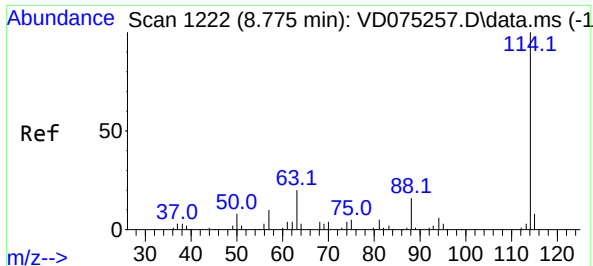
Tgt Ion: 56 Resp: 685
Ion Ratio Lower Upper
56 100
69 173.7 26.6 40.0#
84 117.6 74.1 111.1#



#33
1,2-Dichloroethane-d4
Concen: 68.640 ug/l
RT: 8.234 min Scan# 1130
Delta R.T. -0.000 min
Lab File: VD075274.D
Acq: 08 Feb 2023 16:21

Tgt Ion: 65 Resp: 23691
Ion Ratio Lower Upper
65 100
67 51.6 0.0 105.2

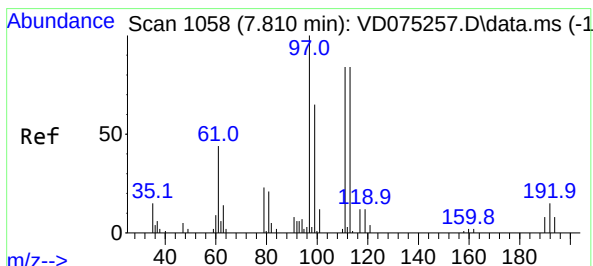
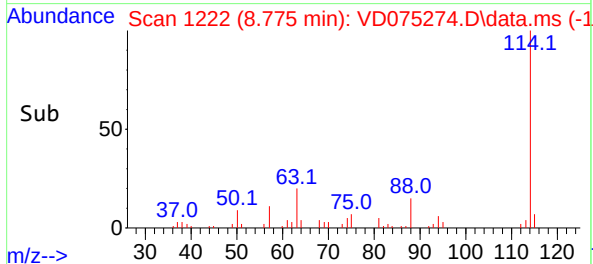
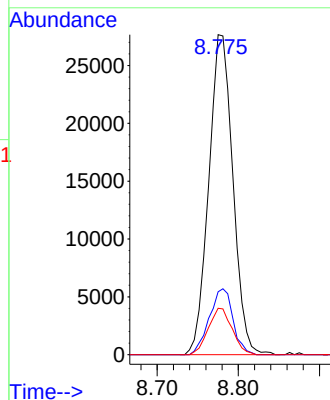
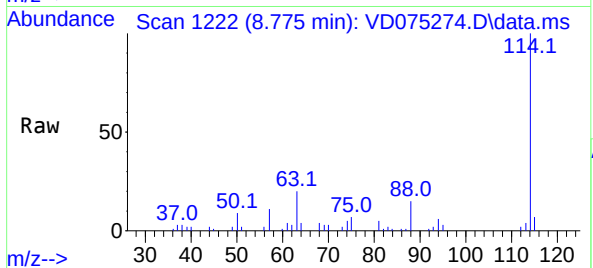




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.775 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD075274.D
Acq: 08 Feb 2023 16:21

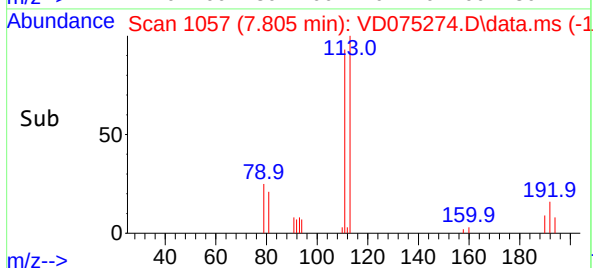
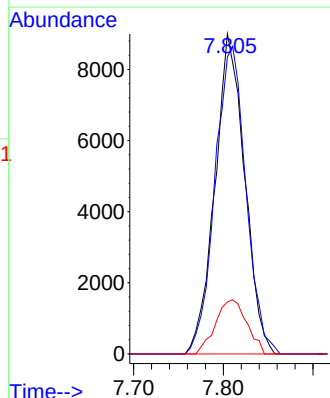
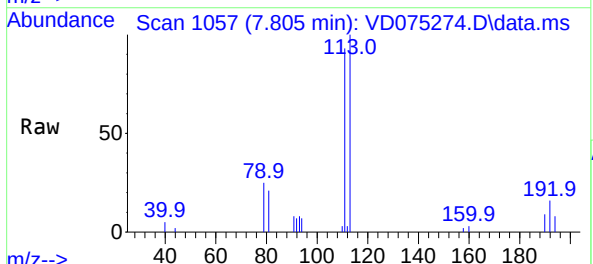
Instrument :
MSVOA_D
ClientSampleId :
JPP-29-020323

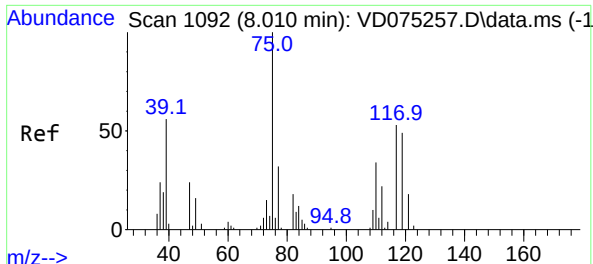
Tgt Ion:114 Resp: 57190
Ion Ratio Lower Upper
114 100
63 19.7 0.0 40.2
88 14.5 0.0 32.2



#35
Dibromofluoromethane
Concen: 51.592 ug/l
RT: 7.805 min Scan# 1057
Delta R.T. -0.005 min
Lab File: VD075274.D
Acq: 08 Feb 2023 16:21

Tgt Ion:113 Resp: 20689
Ion Ratio Lower Upper
113 100
111 100.1 80.1 120.1
192 17.8 15.4 23.0

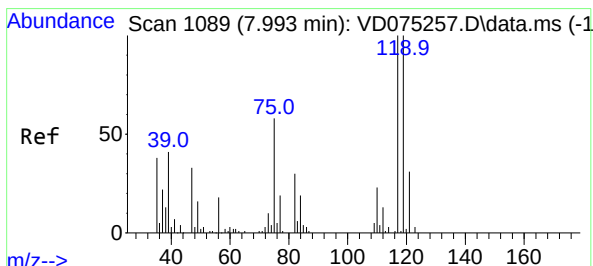
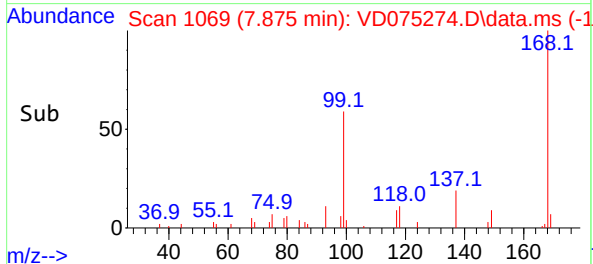
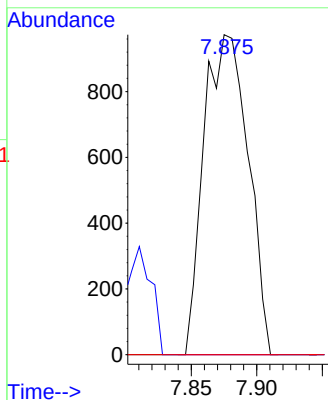
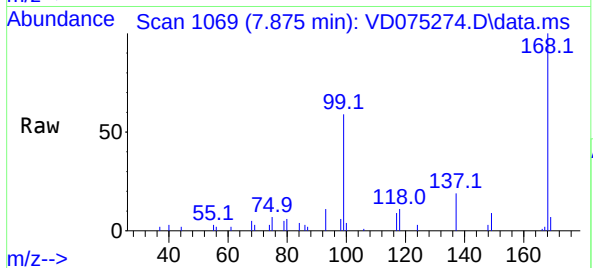




#36
1,1-Dichloropropene
Concen: 3.656 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.135 min
Lab File: VD075274.D
Acq: 08 Feb 2023 16:21

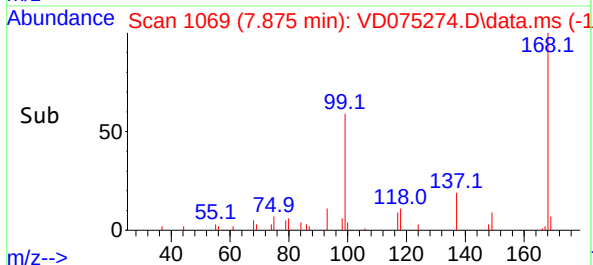
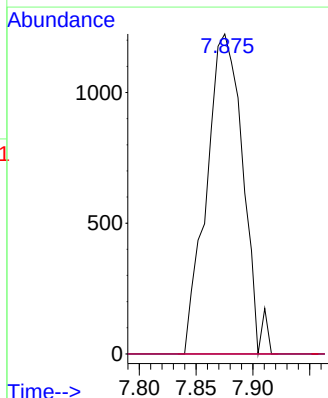
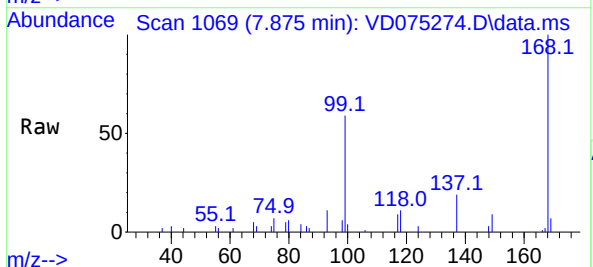
Instrument :
MSVOA_D
ClientSampleId :
JPP-29-020323

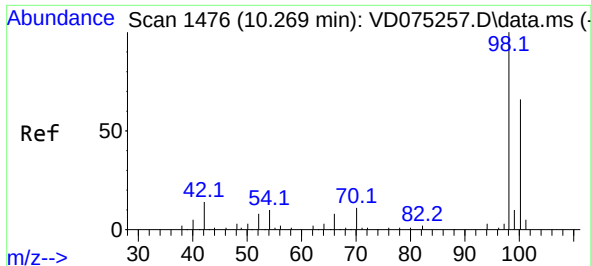
Tgt Ion: 75	Resp: 2284
Ion Ratio	Lower Upper
75 100	
110 0.0	18.1 54.4#
77 0.0	25.1 37.7#



#38
Carbon Tetrachloride
Concen: 4.706 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.118 min
Lab File: VD075274.D
Acq: 08 Feb 2023 16:21

Tgt Ion: 117	Resp: 2724
Ion Ratio	Lower Upper
117 100	
119 0.0	73.6 110.4#
121 0.0	25.4 38.0#

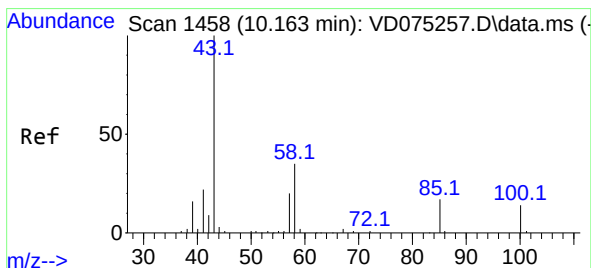
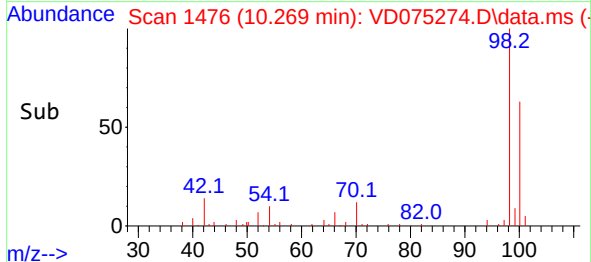
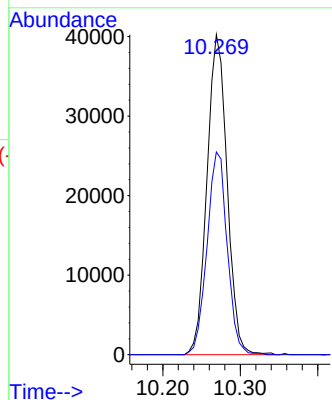
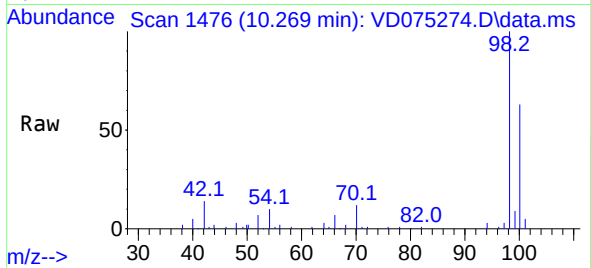




#50
Toluene-d8
Concen: 47.747 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD075274.D
Acq: 08 Feb 2023 16:21

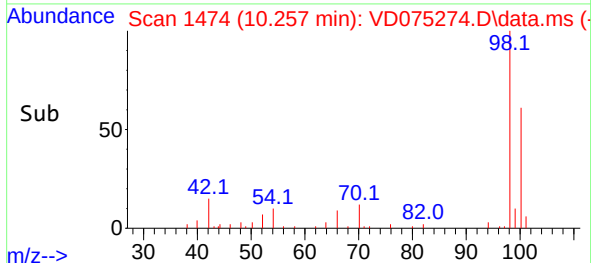
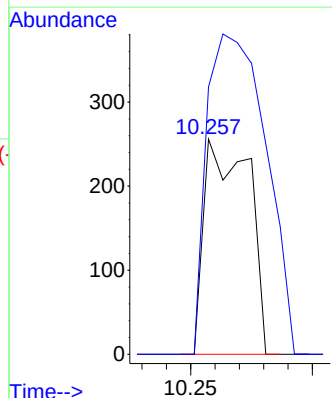
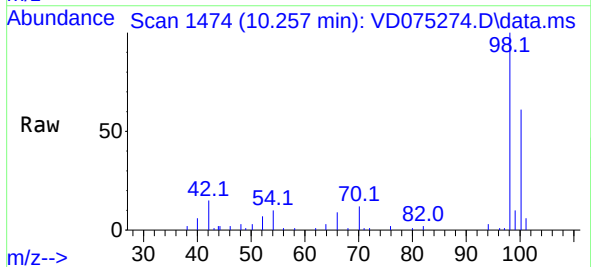
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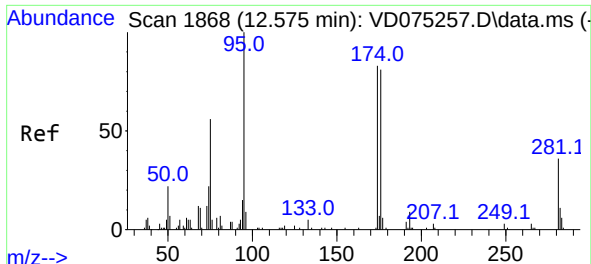
Tgt Ion: 98 Resp: 72614
Ion Ratio Lower Upper
98 100
100 63.5 52.7 79.1



#51
4-Methyl-2-Pentanone
Concen: 1.242 ug/l
RT: 10.257 min Scan# 1474
Delta R.T. 0.094 min
Lab File: VD075274.D
Acq: 08 Feb 2023 16:21

Tgt Ion: 43 Resp: 327
Ion Ratio Lower Upper
43 100
58 196.3 31.4 47.0#

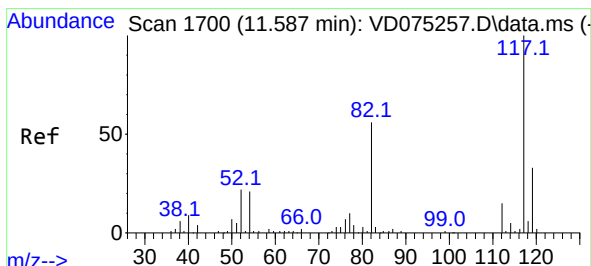
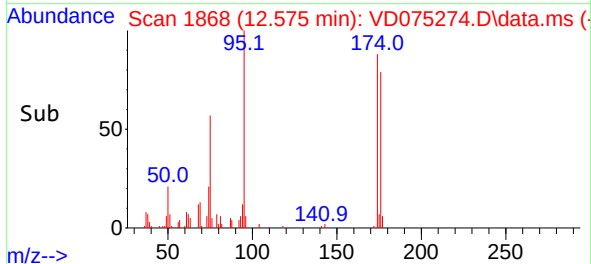
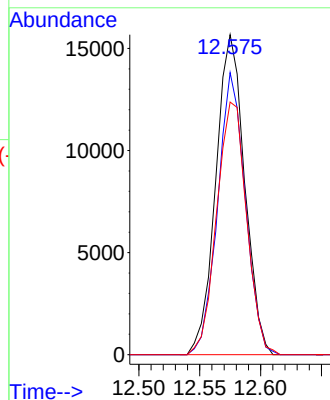
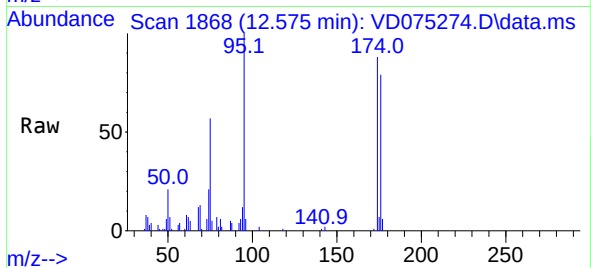




#62
4-Bromofluorobenzene
Concen: 51.512 ug/l
RT: 12.575 min Scan# 1698
Delta R.T. -0.000 min
Lab File: VD075274.D
Acq: 08 Feb 2023 16:21

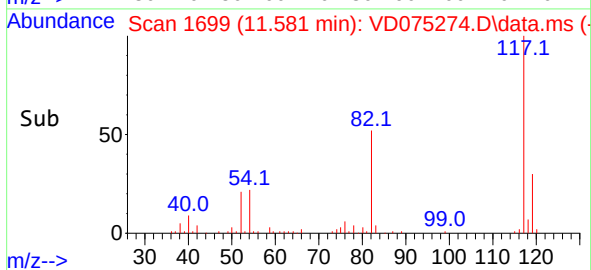
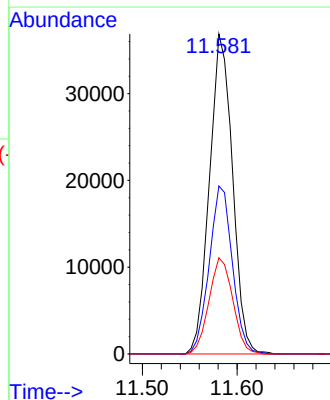
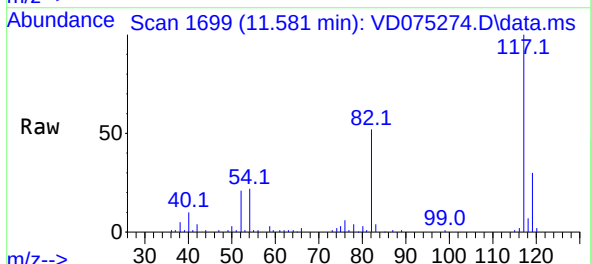
Instrument :
MSVOA_D
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JPP-29-020323

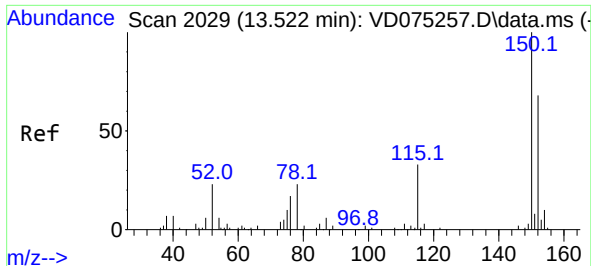
Tgt Ion:	95	Resp:	25831
Ion	Ratio	Lower	Upper
95	100		
174	84.1	0.0	161.2
176	81.6	0.0	160.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.006 min
Lab File: VD075274.D
Acq: 08 Feb 2023 16:21

Tgt Ion:	117	Resp:	62133
Ion	Ratio	Lower	Upper
117	100		
82	52.5	39.6	59.4
119	30.0	24.6	37.0

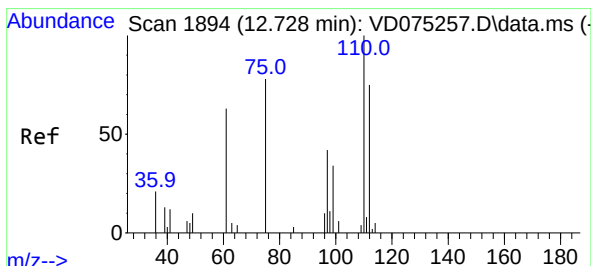
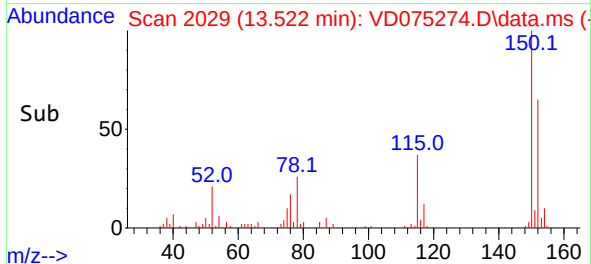
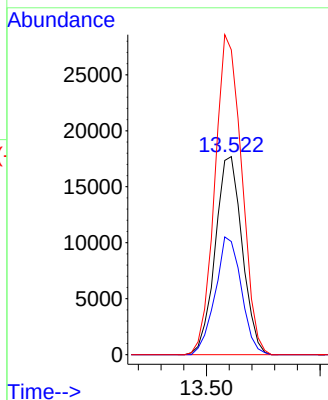
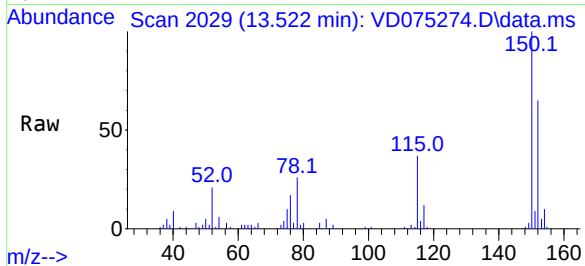




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.522 min Scan# 2029
Delta R.T. -0.000 min
Lab File: VD075274.D
Acq: 08 Feb 2023 16:21

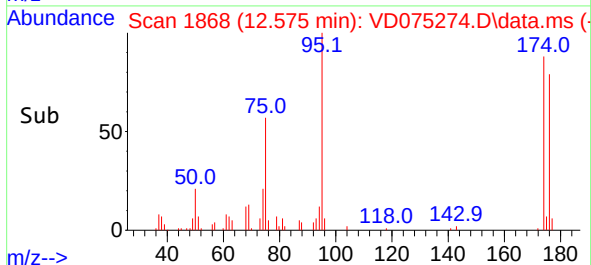
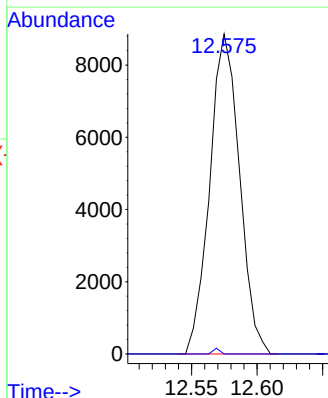
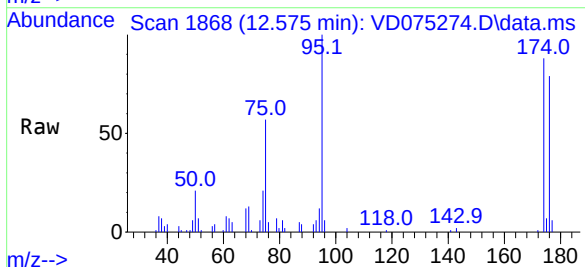
Instrument :
MSVOA_D
ClientSampleId :
JPP-29-020323

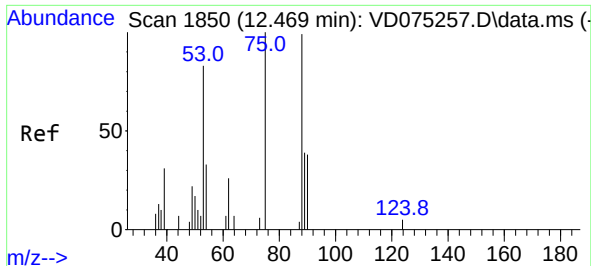
Tgt Ion:152 Resp: 29200
Ion Ratio Lower Upper
152 100
115 57.7 28.8 86.4
150 160.5 0.0 348.6



#76
1,2,3-Trichloropropane
Concen: 42.280 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.153 min
Lab File: VD075274.D
Acq: 08 Feb 2023 16:21

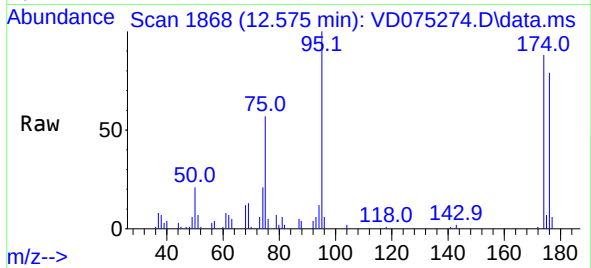
Tgt Ion: 75 Resp: 14023
Ion Ratio Lower Upper
75 100
77 0.4 0.0 0.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 133.586 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.106 min
Lab File: VD075274.D
Acq: 08 Feb 2023 16:21

Instrument :
MSVOA_D
ClientSampleId :
JPP-29-020323



Tgt Ion: 75 Resp: 14023
Ion Ratio Lower Upper
75 100
53 0.0 70.5 105.7#
89 0.0 34.6 52.0#

