

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD093021\
 Data File : VD070537.D
 Acq On : 30 Sep 2021 12:50
 Operator : VA/SY
 Sample : M3975-10
 Misc : 13.61G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 S-835-K2-SO-12-14-092821

Manual Integrations
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Quant Time: Oct 01 02:04:08 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D090821S.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 09 03:07:09 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.979	168	93383	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	167856	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	165601	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	67852	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	84302	70.307	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	140.620%
35) Dibromofluoromethane	7.914	113	69089	57.824	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	115.640%
50) Toluene-d8	10.338	98	216426	49.890	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	99.780%
62) 4-Bromofluorobenzene	12.626	95	65420	43.150	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	86.300%
Target Compounds						
4) Vinyl Chloride	2.356	62	13015	8.858	ug/l	96
9) 1,1,2-Trichlorotrifluo...	4.091	101	8927m	7.395	ug/l	
12) 1,1-Dichloroethene	4.068	96	4889	4.497	ug/l #	72
16) Acetone	4.156	43	22630	105.711	ug/l	88
24) 1,1-Dichloroethane	6.262	63	20540	8.490	ug/l	97
27) cis-1,2-Dichloroethene	7.209	96	1970498	1417.412	ug/l	91
44) Trichloroethene	9.108	130	2207804	1756.989	ug/l	90
64) Tetrachloroethene	10.867	164	13773	13.660	ug/l	94

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

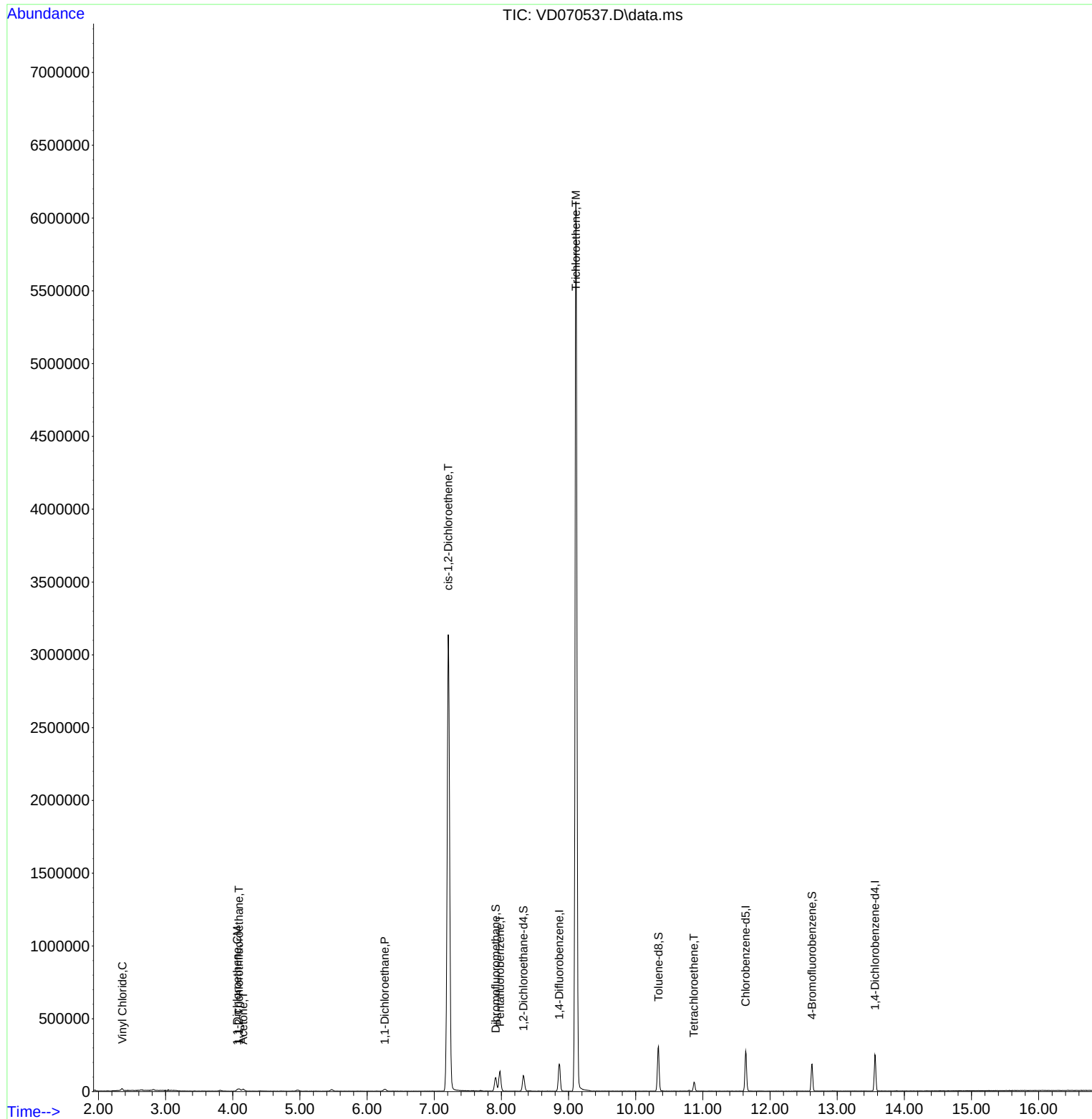
Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD093021\
Data File : VD070537.D
Acq On : 30 Sep 2021 12:50
Operator : VA/SY
Sample : M3975-10
Misc : 13.61G/5.00ml/MSVOA_D/SOIL
ALS Vial : 7 Sample Multiplier: 1

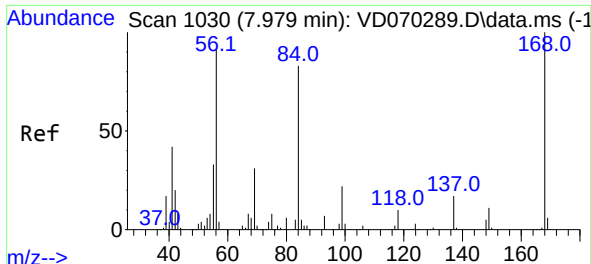
Instrument :
MSVOA_D
ClientSampleId :
S-835-K2-SO-12-14-092821

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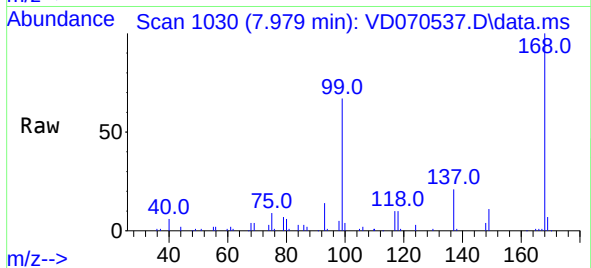
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Quant Time: Oct 01 02:04:08 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D090821S.M
Quant Title : SW846 8260
QLast Update : Thu Sep 09 03:07:09 2021
Response via : Initial Calibration

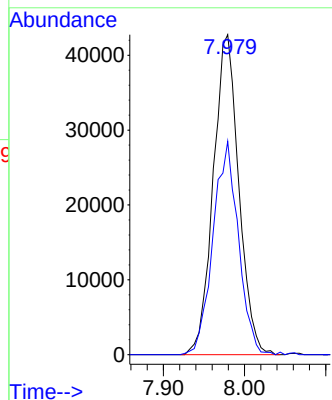
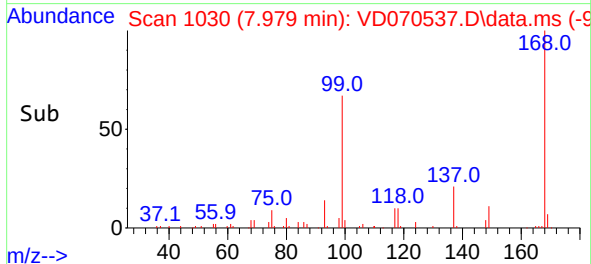




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD070537.D
Acq: 30 Sep 2021 12:50



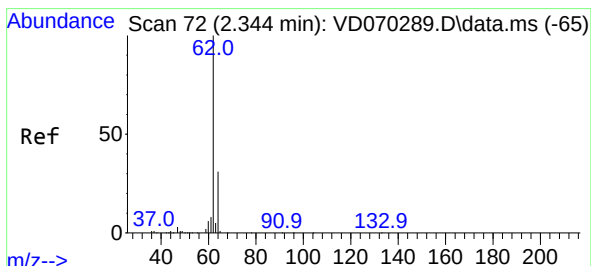
Tgt Ion: 168 Resp: 93383
Ion Ratio Lower Upper
168 100
99 66.7 50.8 76.2



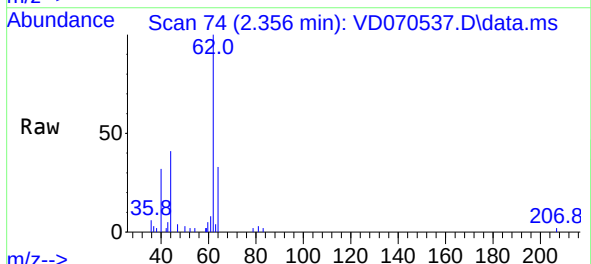
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MSVOA_D
ClientSampleId :
S-835-K2-SO-12-14-092821

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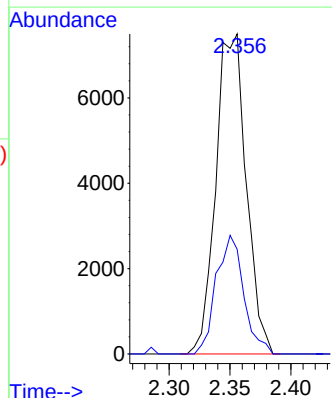
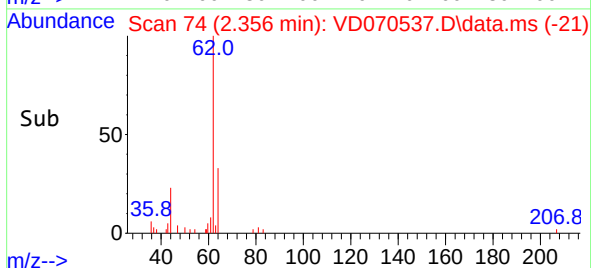
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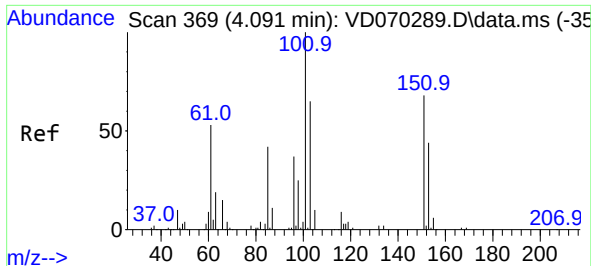


#4
Vinyl Chloride
Concen: 8.858 ug/l
RT: 2.356 min Scan# 74
Delta R.T. 0.012 min
Lab File: VD070537.D
Acq: 30 Sep 2021 12:50



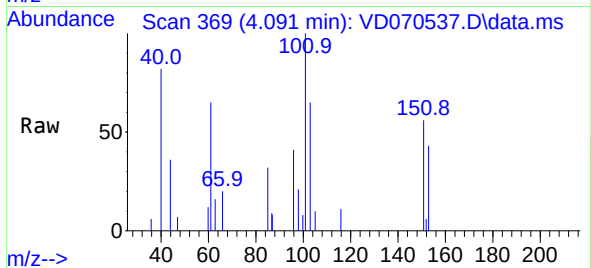
Tgt Ion: 62 Resp: 13015
Ion Ratio Lower Upper
62 100
64 32.7 24.6 36.8





#9
1,1,2-Trichlorotrifluoroethane
Concen: 7.395 ug/l m
RT: 4.091 min Scan# 369
Delta R.T. 0.000 min
Lab File: VD070537.D
Acq: 30 Sep 2021 12:50

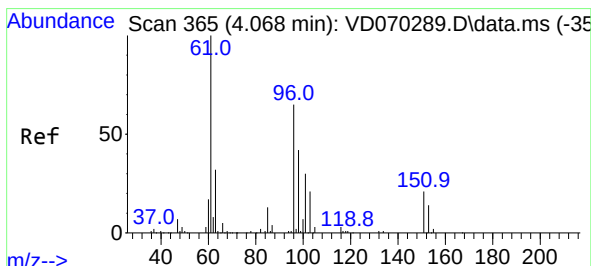
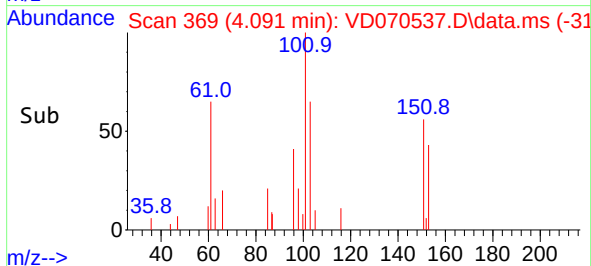
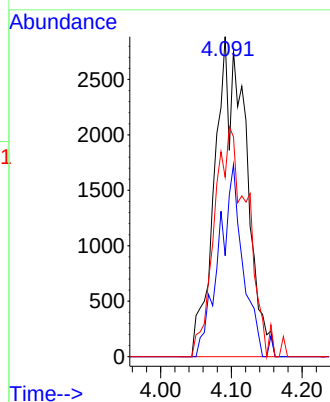
Instrument :
MSVOA_D
ClientSampleId :
S-835-K2-SO-12-14-092821



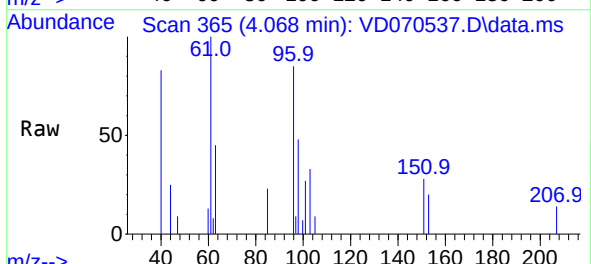
Tgt Ion:101 Resp: 8927
Ion Ratio Lower Upper
101 100
85 45.1 33.8 50.8
151 75.4 55.8 83.6

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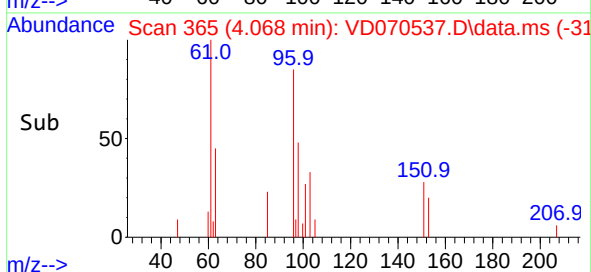
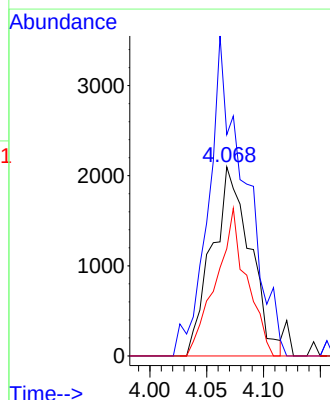
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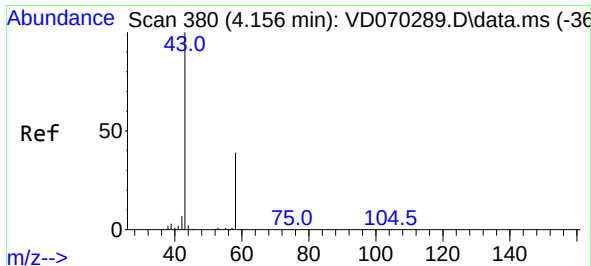


#12
1,1-Dichloroethene
Concen: 4.497 ug/l
RT: 4.068 min Scan# 365
Delta R.T. 0.000 min
Lab File: VD070537.D
Acq: 30 Sep 2021 12:50

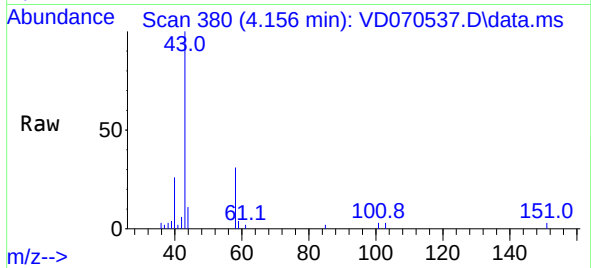


Tgt Ion: 96 Resp: 4889
Ion Ratio Lower Upper
96 100
61 108.3 123.2 184.8#
98 56.7 51.9 77.9

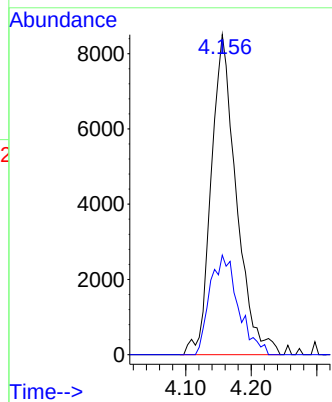
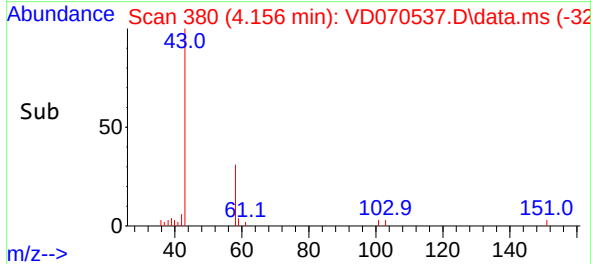




#16
Acetone
Concen: 105.711 ug/l
RT: 4.156 min Scan# 380
Delta R.T. 0.000 min
Lab File: VD070537.D
Acq: 30 Sep 2021 12:50



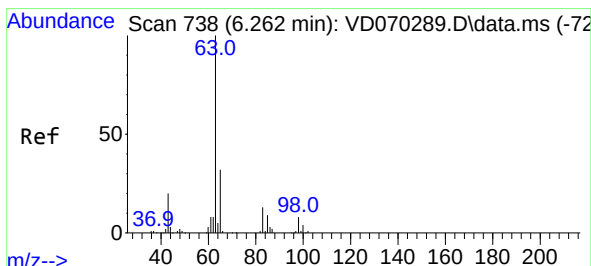
Tgt Ion: 43 Resp: 22630
Ion Ratio Lower Upper
43 100
58 31.1 30.9 46.3



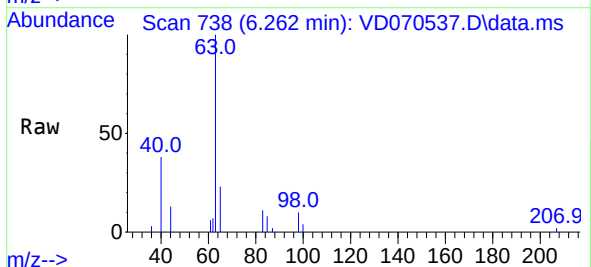
Instrument :
MSVOA_D
ClientSampleId :
S-835-K2-SO-12-14-092821

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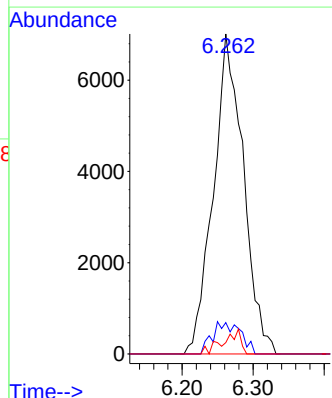
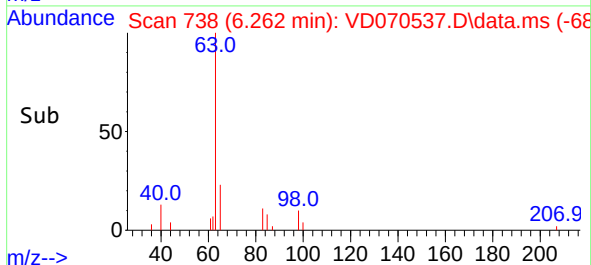
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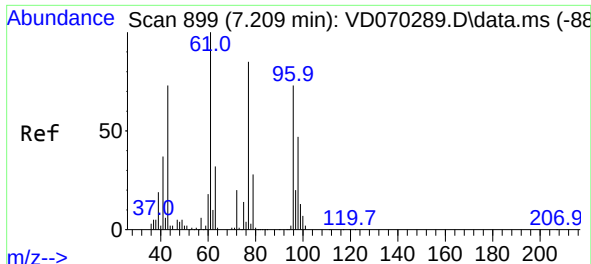


#24
1,1-Dichloroethane
Concen: 8.490 ug/l
RT: 6.262 min Scan# 738
Delta R.T. 0.000 min
Lab File: VD070537.D
Acq: 30 Sep 2021 12:50



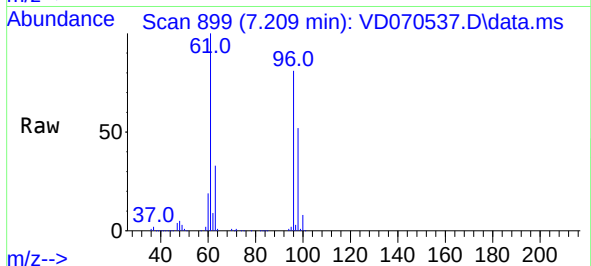
Tgt Ion: 63 Resp: 20540
Ion Ratio Lower Upper
63 100
98 9.8 4.2 12.4
100 3.5 2.0 5.8





#27
cis-1,2-Dichloroethene
Concen: 1417.412 ug/l
RT: 7.209 min Scan# 899
Delta R.T. 0.000 min
Lab File: VD070537.D
Acq: 30 Sep 2021 12:50

Instrument :
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ClientSampleId :
S-835-K2-SO-12-14-092821

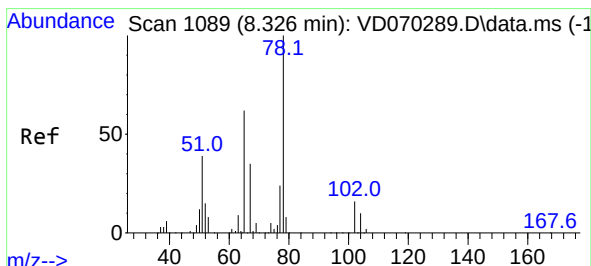
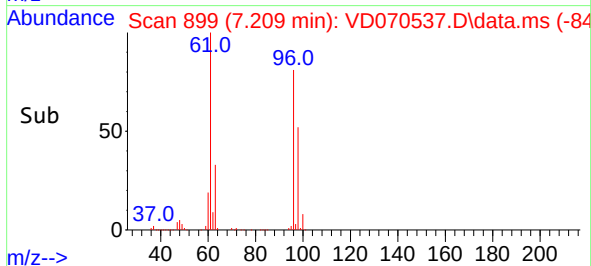
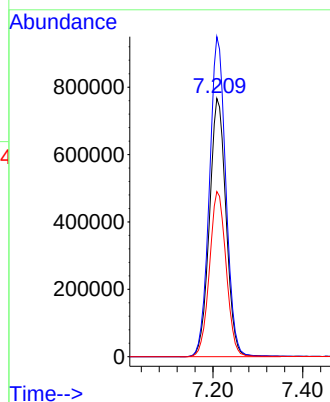


Tgt Ion: 96 Resp: 1970498

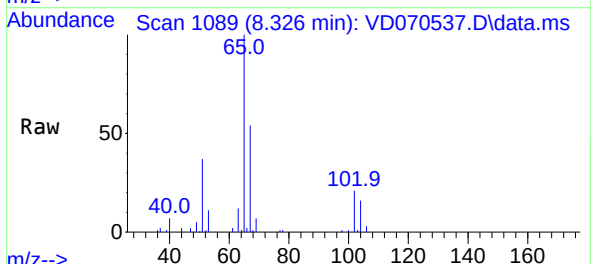
Ion	Ratio	Lower	Upper
96	100		
61	122.5	0.0	277.4
98	64.2	0.0	130.0

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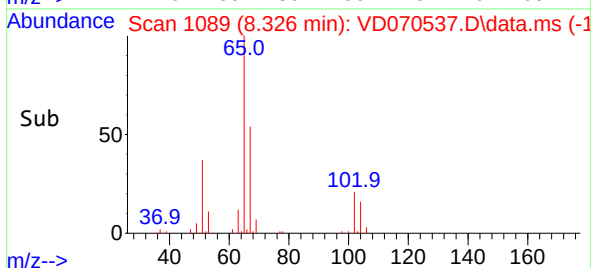
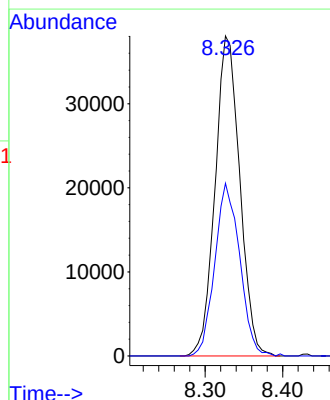


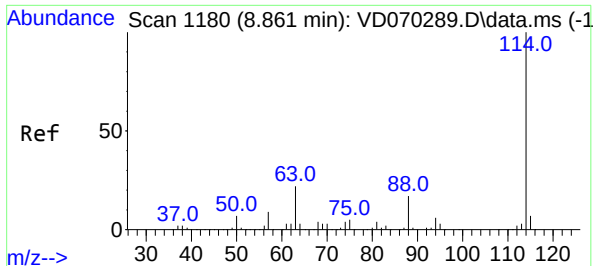
#33
1,2-Dichloroethane-d4
Concen: 70.307 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VD070537.D
Acq: 30 Sep 2021 12:50



Tgt Ion: 65 Resp: 84302

Ion	Ratio	Lower	Upper
65	100		
67	54.3	0.0	111.4





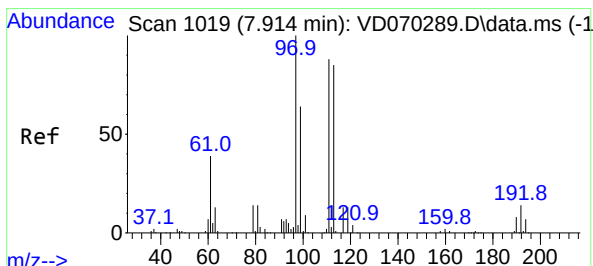
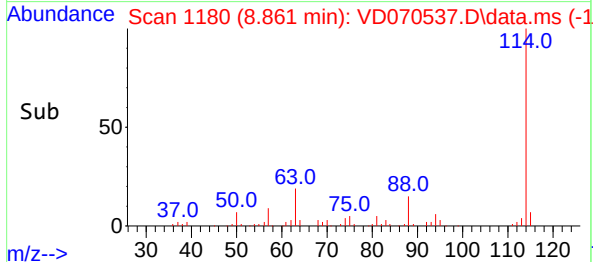
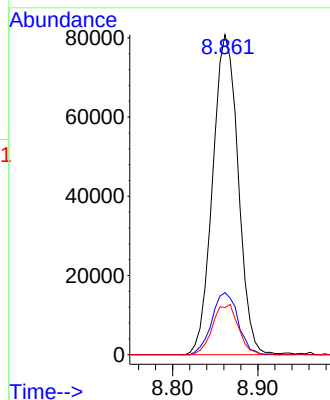
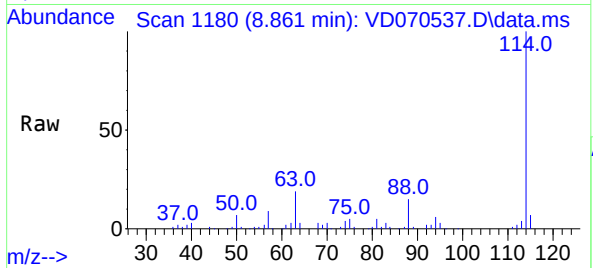
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD070537.D
Acq: 30 Sep 2021 12:50

Tgt Ion:	114	Resp:	167856
Ion Ratio	Lower	Upper	
114	100		
63	19.4	0.0	43.4
88	14.7	0.0	33.4

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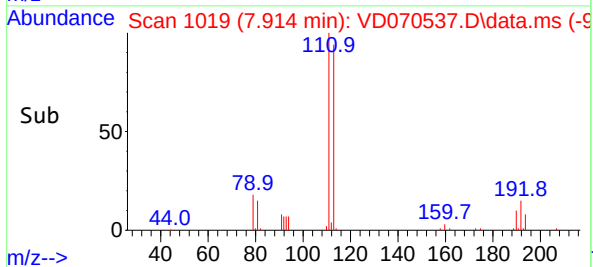
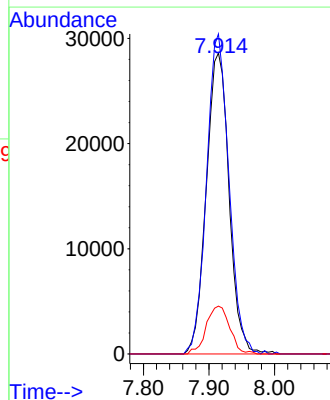
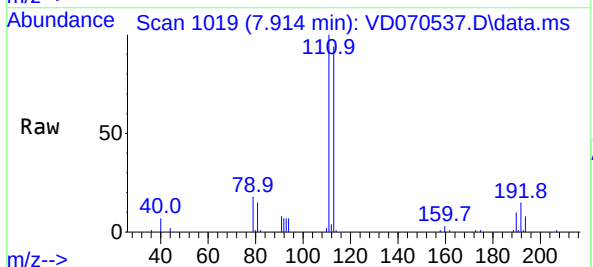
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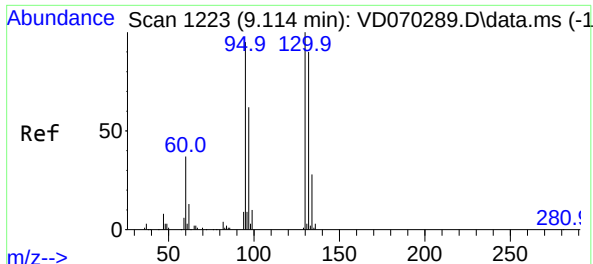
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#35
Dibromofluoromethane
Concen: 57.824 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. 0.000 min
Lab File: VD070537.D
Acq: 30 Sep 2021 12:50

Tgt Ion:	113	Resp:	69089
Ion Ratio	Lower	Upper	
113	100		
111	104.5	81.4	122.2
192	16.4	13.0	19.6





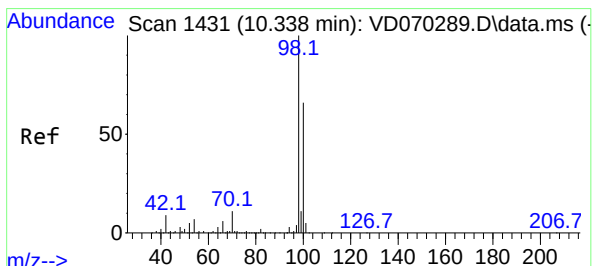
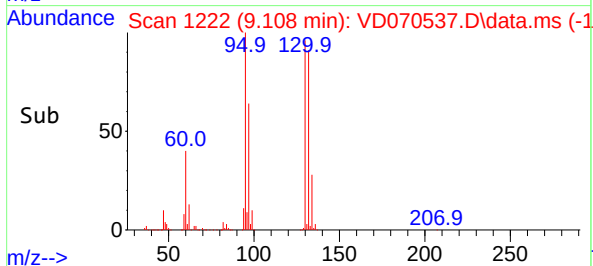
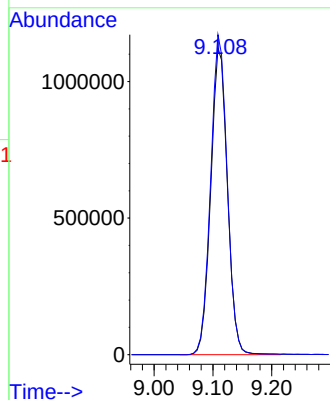
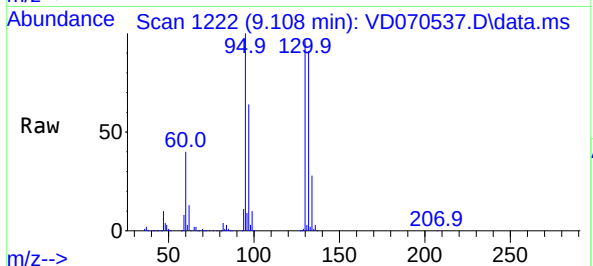
#44
Trichloroethene
Concen: 1756.989 ug/l
RT: 9.108 min Scan# 1222
Delta R.T. -0.006 min
Lab File: VD070537.D
Acq: 30 Sep 2021 12:50

Tgt Ion:130 Resp: 2207804
Ion Ratio Lower Upper
130 100
95 104.4 0.0 190.0

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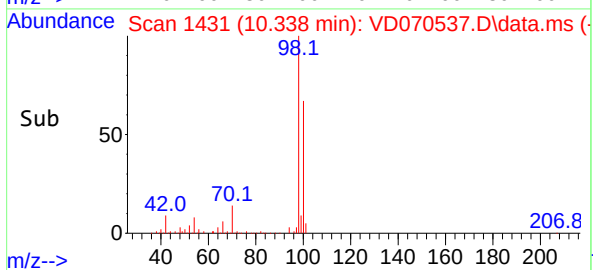
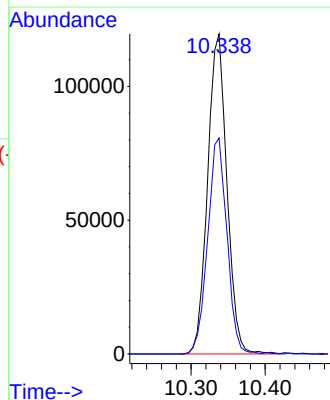
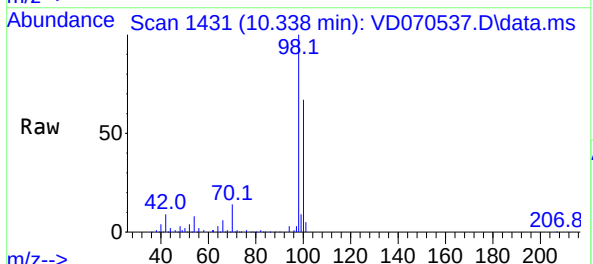
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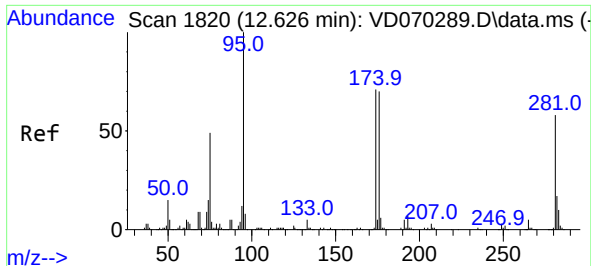
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#50
Toluene-d8
Concen: 49.890 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. 0.000 min
Lab File: VD070537.D
Acq: 30 Sep 2021 12:50

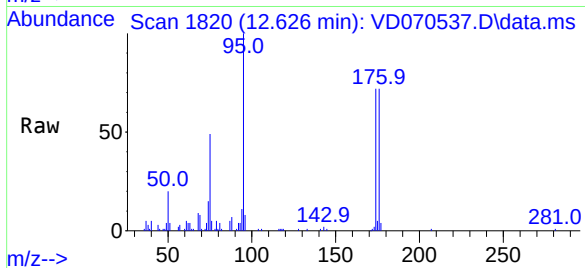
Tgt Ion: 98 Resp: 216426
Ion Ratio Lower Upper
98 100
100 67.3 52.0 78.0





#62
4-Bromofluorobenzene
Concen: 43.150 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.000 min
Lab File: VD070537.D
Acq: 30 Sep 2021 12:50

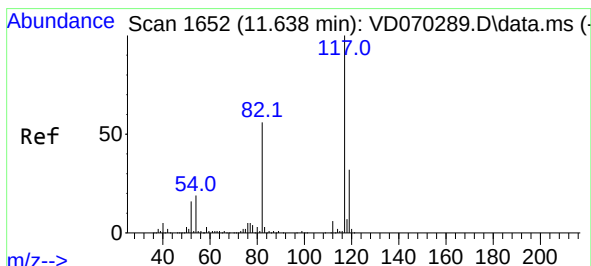
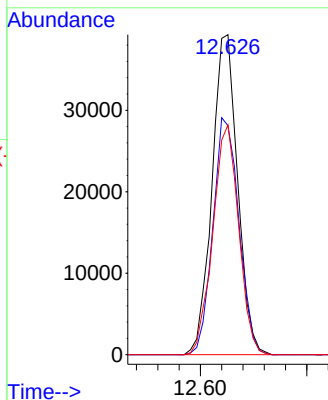
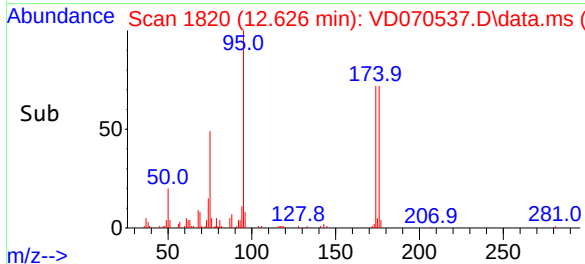
Instrument :
MSVOA_D
ClientSampleId :
S-835-K2-SO-12-14-092821



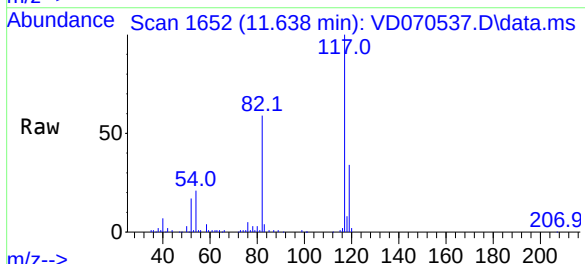
Tgt Ion: 95 Resp: 65420
Ion Ratio Lower Upper
95 100
174 75.3 0.0 140.6
176 72.3 0.0 137.4

Manual Integrations
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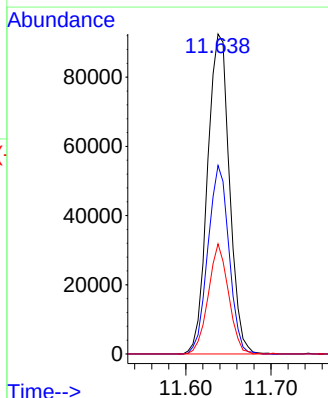
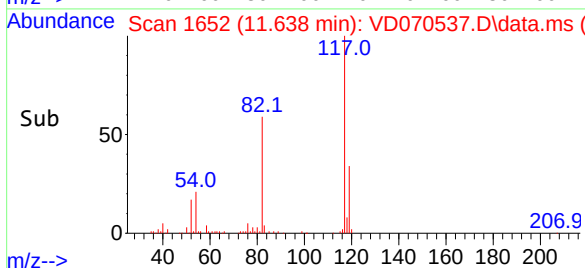
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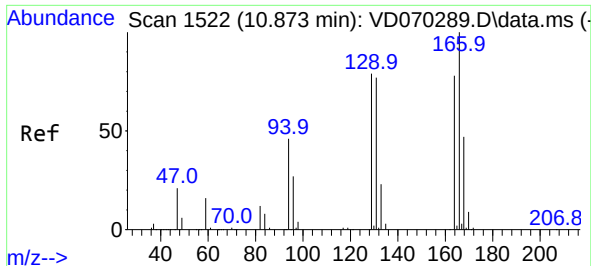


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. 0.000 min
Lab File: VD070537.D
Acq: 30 Sep 2021 12:50



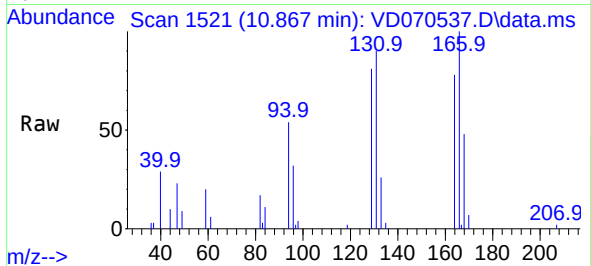
Tgt Ion: 117 Resp: 165601
Ion Ratio Lower Upper
117 100
82 58.9 45.0 67.4
119 34.4 25.2 37.8





#64
Tetrachloroethene
Concen: 13.660 ug/l
RT: 10.867 min Scan# 1521
Delta R.T. -0.006 min
Lab File: VD070537.D
Acq: 30 Sep 2021 12:50

Instrument :
MSVOA_D
ClientSampleId :
S-835-K2-SO-12-14-092821

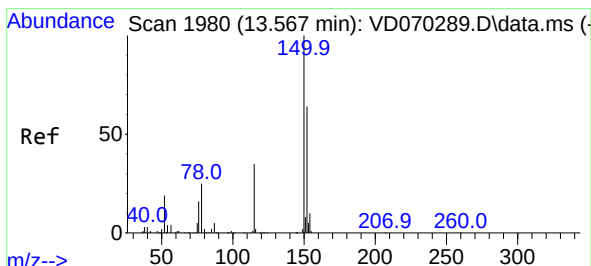
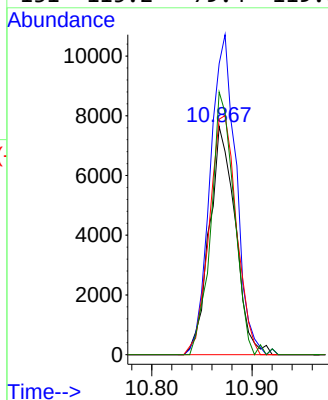
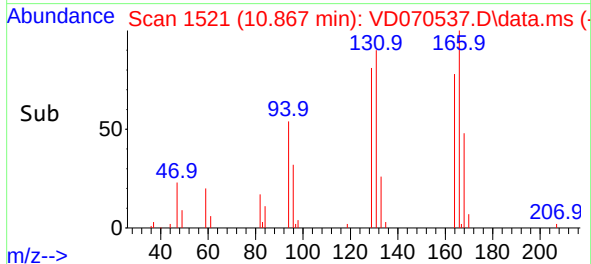


Tgt Ion:164 Resp: 13773

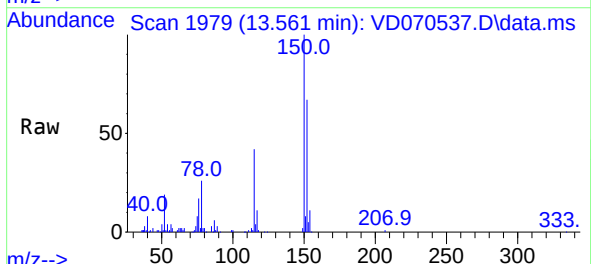
Ion	Ratio	Lower	Upper
164	100		
166	127.6	102.4	153.6
129	103.3	80.9	121.3
131	115.2	79.4	119.0

Manual Integrations
APPROVED

apatel
10/1/2021 10:48:37 AM



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. -0.006 min
Lab File: VD070537.D
Acq: 30 Sep 2021 12:50



Tgt Ion:152 Resp: 67852

Ion	Ratio	Lower	Upper
152	100		
115	61.8	32.1	96.3
150	159.8	0.0	350.6

