

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW102821\
 Data File : VW023088.D
 Acq On : 28 Oct 2021 20:53
 Operator : SY/MD
 Sample : MDL01
 Misc : 5.00g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 MDL01

Manual Integrations
 APPROVED

Quant Time: Oct 29 02:16:42 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM102821WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Oct 29 01:52:27 2021
 Response via : Initial Calibration

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 11/1/2021 6:35:47 PM

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	275259	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	264716	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	132490	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	86616	45.660	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	91.320%		
7) Chloroethane-d5	1.565	69	70446	47.611	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	95.220%		
11) 1,1-Dichloroethene-d2	2.108	63	124510	34.649	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	69.300%		
21) 2-Butanone-d5	3.876	46	149092	104.901	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	104.900%		
24) Chloroform-d	4.349	84	186508	46.761	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	93.520%		
26) 1,2-Dichloroethane-d4	5.034	65	117555	49.796	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	99.600%		
32) Benzene-d6	5.050	84	365094	50.347	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	100.700%		
36) 1,2-Dichloropropane-d6	6.072	67	116202	50.338	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	100.680%		
41) Toluene-d8	7.317	98	321200	48.549	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	97.100%		
43) trans-1,3-Dichloroprop...	7.622	79	53079	47.973	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	95.940%		
47) 2-Hexanone-d5	8.088	63	105676	105.399	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	105.400%		
56) 1,1,2,2-Tetrachloroeth...	10.217	84	165568	49.072	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	98.140%		
66) 1,2-Dichlorobenzene-d4	11.625	152	133022	52.050	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	104.100%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.127	85	5622	2.149	ug/L	94
3) Chloromethane	1.240	50	5992	2.428	ug/L	100
5) Vinyl chloride	1.310	62	5971	2.421	ug/L #	77
6) Bromomethane	1.519	94	3576	2.581	ug/L	89
8) Chloroethane	1.584	64	3491	2.325	ug/L #	82
9) Trichlorofluoromethane	1.751	101	8779	2.346	ug/L	93
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	5266	2.650	ug/L	88
12) 1,1-Dichloroethene	2.118	96	4901	2.658	ug/L #	1
13) Acetone	2.169	43	6052m	4.296	ug/L	
14) Carbon disulfide	2.298	76	12963	2.351	ug/L	100
15) Methyl Acetate	2.436	43	5666m	2.423	ug/L	
16) Methylene chloride	2.510	84	6126	2.594	ug/L	96
17) trans-1,2-Dichloroethene	2.764	96	4974	2.364	ug/L	98
18) Methyl tert-butyl Ether	2.770	73	13421	2.124	ug/L	97
19) 1,1-Dichloroethane	3.195	63	8656	2.208	ug/L	96
20) cis-1,2-Dichloroethene	3.912	96	5327m	2.368	ug/L	
22) 2-Butanone	3.995	43	7417m	4.619	ug/L	
23) Bromochloromethane	4.259	128	2922	2.305	ug/L	88
25) Chloroform	4.378	83	10701	2.654	ug/L	94

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.146	62	6577	2.173	ug/L	100
29) Cyclohexane	4.687	56	6417m	2.077	ug/L	
30) 1,1,1-Trichloroethane	4.606	97	8034	2.278	ug/L	99
31) Carbon tetrachloride	4.831	117	6968	2.198	ug/L	96
33) Benzene	5.105	78	18977	2.301	ug/L	100
34) Trichloroethene	5.924	95	5025	2.332	ug/L	95
35) Methylcyclohexane	6.130	83	6974	2.077	ug/L	98
37) 1,2-Dichloropropane	6.182	63	5362	2.474	ug/L	100
38) Bromodichloromethane	6.516	83	6806	2.320	ug/L	99
39) cis-1,3-Dichloropropene	7.037	75	7046	2.144	ug/L	100
40) 4-Methyl-2-pentanone	7.233	43	11743	4.201	ug/L	96
42) Toluene	7.394	91	24693	2.798	ug/L	93
44) trans-1,3-Dichloropropene	7.657	75	7533	2.364	ug/L	97
45) 1,1,2-Trichloroethane	7.847	97	5044	2.279	ug/L	95
46) Tetrachloroethene	7.982	164	4397	2.367	ug/L	92
48) 2-Hexanone	8.149	43	10392	4.683	ug/L	93
49) Dibromochloromethane	8.246	129	5473	2.164	ug/L	94
50) 1,2-Dibromoethane	8.362	107	5498	2.359	ug/L	91
51) Chlorobenzene	8.886	112	13857	2.324	ug/L	98
52) Ethylbenzene	9.018	91	19814	2.110	ug/L	98
53) m,p-Xylene	9.143	106	7530	2.080	ug/L	98
54) o-Xylene	9.548	106	6772	1.922	ug/L	98
55) Styrene	9.567	104	11313	1.847	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.243	83	9661	2.738	ug/L #	93
59) Bromoform	9.735	173	3813	2.275	ug/L #	97
60) Isopropylbenzene	9.934	105	17836	2.107	ug/L	99
61) 1,2,3-Trichloropropane	10.275	75	6361	2.562	ug/L	99
62) 1,3,5-Trimethylbenzene	10.542	105	13532	1.941	ug/L	100
63) 1,2,4-Trimethylbenzene	10.918	105	14534	2.077	ug/L	100
64) 1,3-Dichlorobenzene	11.185	146	9931	2.321	ug/L	96
65) 1,4-Dichlorobenzene	11.275	146	10692	2.399	ug/L	99
67) 1,2-Dichlorobenzene	11.644	146	11097	2.565	ug/L	92
68) 1,2-Dibromo-3-chloropr...	12.432	75	1912	2.759	ug/L #	88
69) 1,3,5-Trichlorobenzene	12.648	180	7373	2.278	ug/L	98
70) 1,2,4-trichlorobenzene	13.265	180	6421	2.289	ug/L	99
71) Naphthalene	13.506	128	18395	2.043	ug/L	97
72) 1,2,3-Trichlorobenzene	13.747	180	6499	2.192	ug/L	99

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

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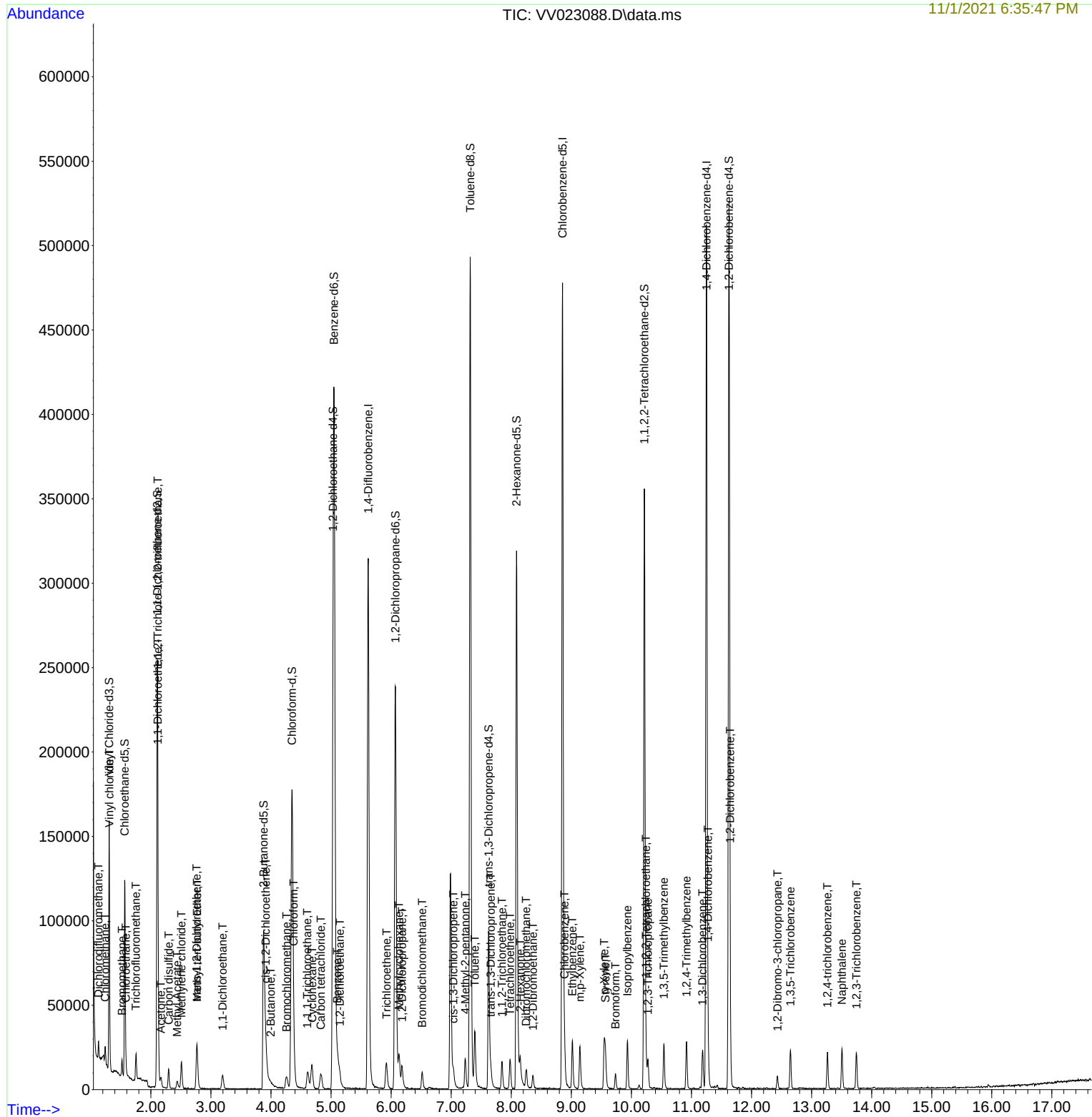
Instrument :
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ClientSampleID :
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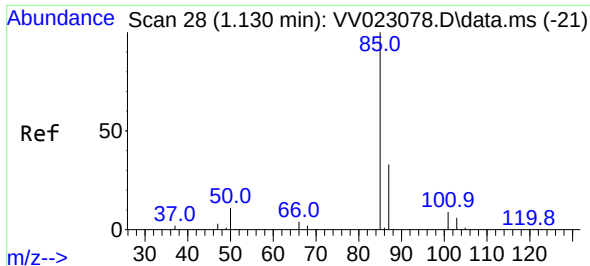
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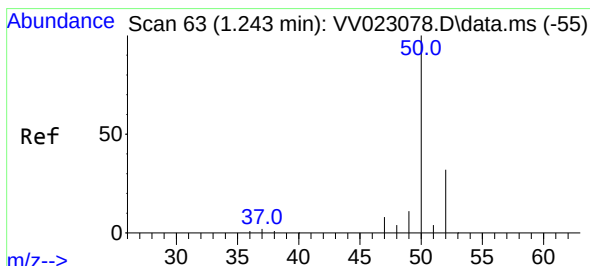
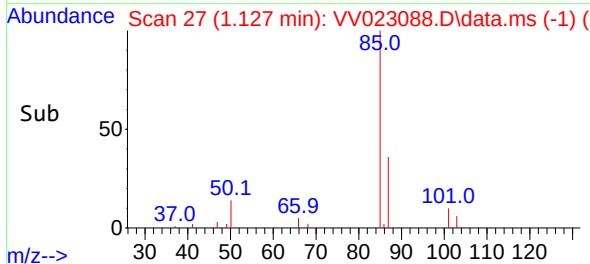
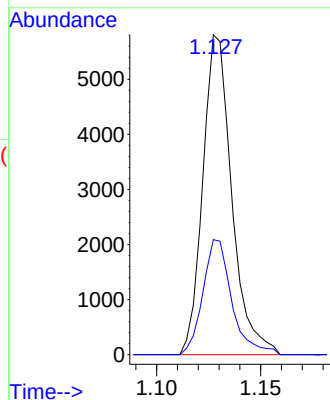
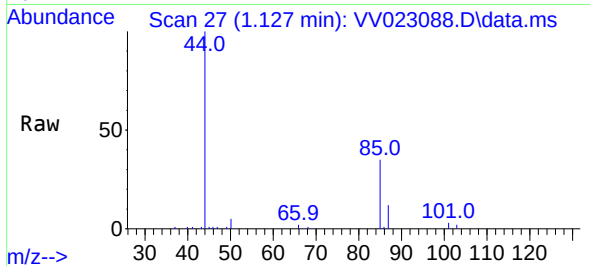


#2
 Dichlorodifluoromethane
 Concen: 2.149 ug/L
 RT: 1.127 min Scan# 27
 Delta R.T. -0.003 min
 Lab File: VV023088.D
 Acq: 28 Oct 2021 20:53

Tgt Ion: 85 Resp: 5622
 Ion Ratio Lower Upper
 85 100
 87 35.9 26.2 39.2

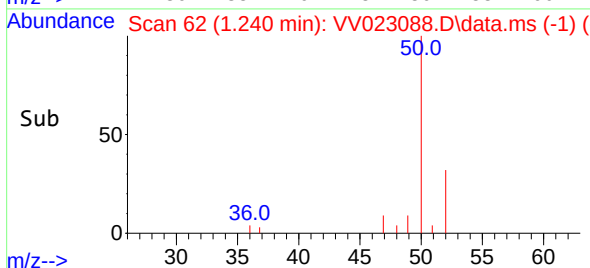
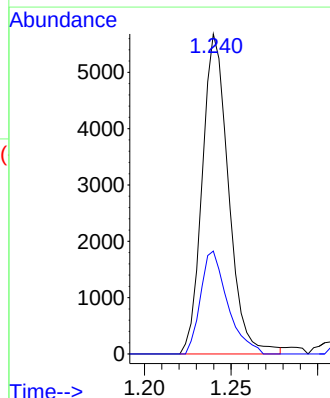
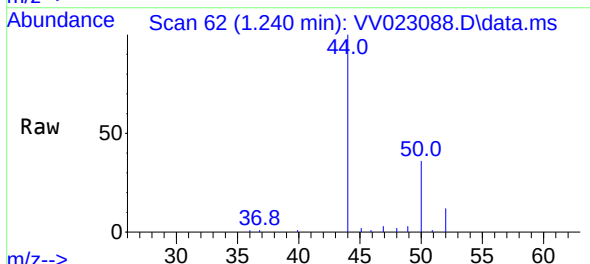
Instrument :
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 ClientSampled :
 MDL01

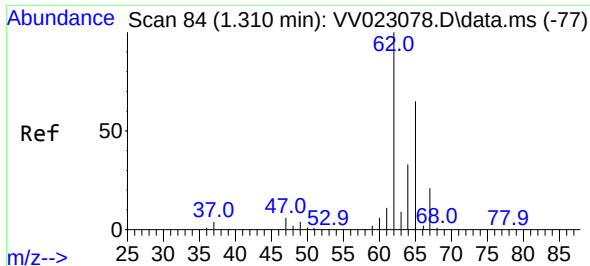
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#3
 Chloromethane
 Concen: 2.428 ug/L
 RT: 1.240 min Scan# 62
 Delta R.T. -0.003 min
 Lab File: VV023088.D
 Acq: 28 Oct 2021 20:53

Tgt Ion: 50 Resp: 5992
 Ion Ratio Lower Upper
 50 100
 52 32.2 22.5 41.9





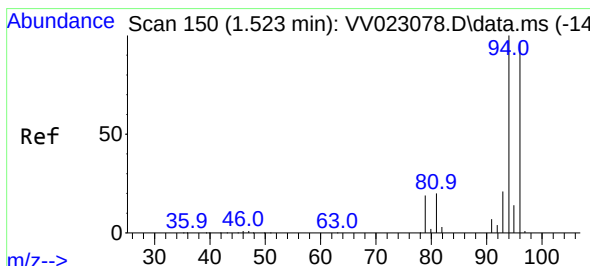
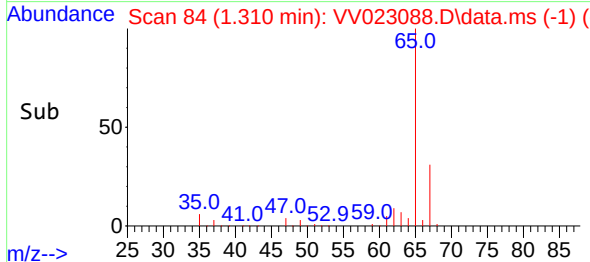
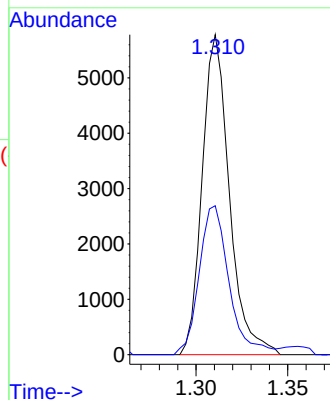
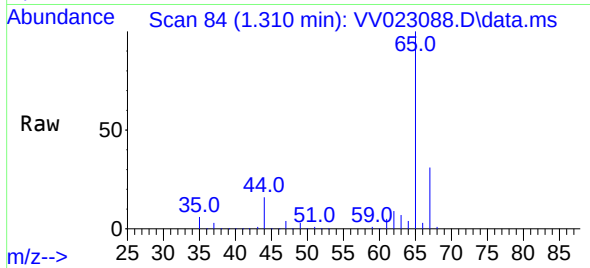
#5
 Vinyl chloride
 Concen: 2.421 ug/L
 RT: 1.310 min Scan# 84
 Delta R.T. 0.000 min
 Lab File: VV023088.D
 Acq: 28 Oct 2021 20:53

Tgt Ion: 62 Resp: 5971
 Ion Ratio Lower Upper
 62 100
 64 46.5 23.4 43.4#

Instrument :
 MSVOA_V
 ClientSampled :
 MDL01

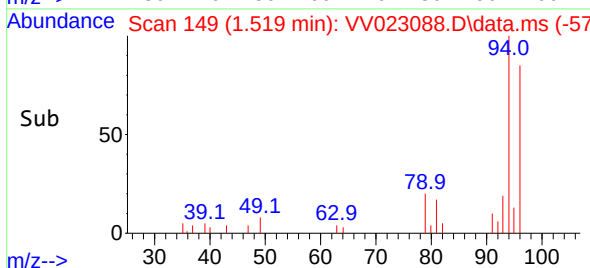
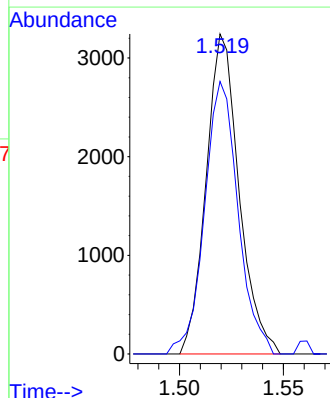
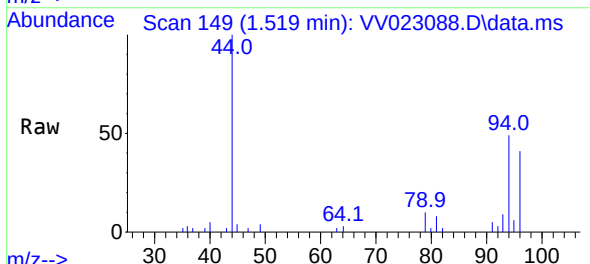
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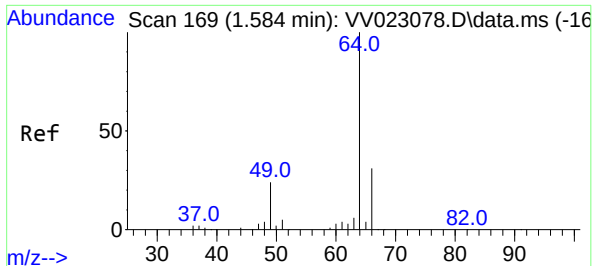
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#6
 Bromomethane
 Concen: 2.581 ug/L
 RT: 1.519 min Scan# 149
 Delta R.T. -0.003 min
 Lab File: VV023088.D
 Acq: 28 Oct 2021 20:53

Tgt Ion: 94 Resp: 3576
 Ion Ratio Lower Upper
 94 100
 96 85.2 66.8 124.2



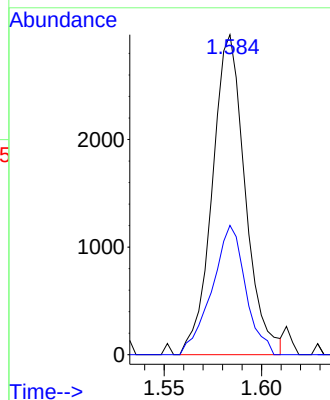
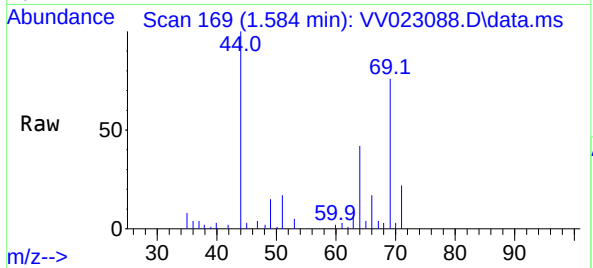


#8
Chloroethane
Concen: 2.325 ug/L
RT: 1.584 min Scan# 169
Delta R.T. 0.000 min
Lab File: VV023088.D
Acq: 28 Oct 2021 20:53

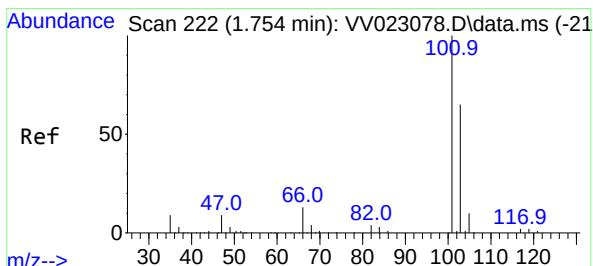
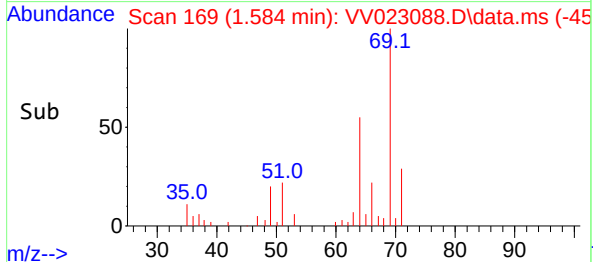
Tgt Ion: 64 Resp: 3491
Ion Ratio Lower Upper
64 100
66 40.4 21.3 39.6#

Instrument :
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ClientSampled :
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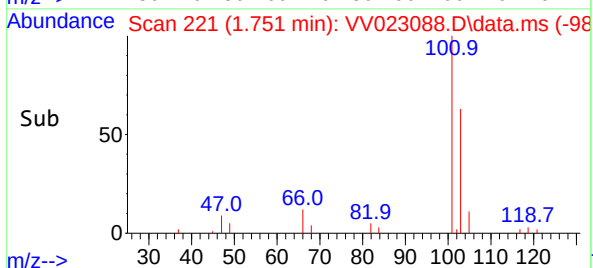
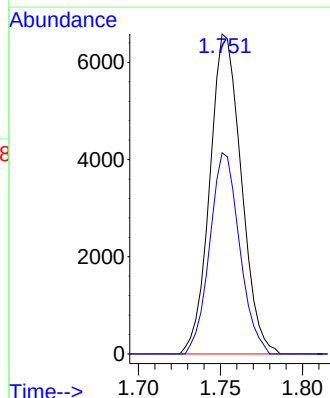
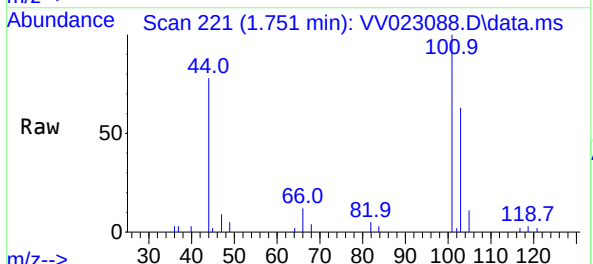


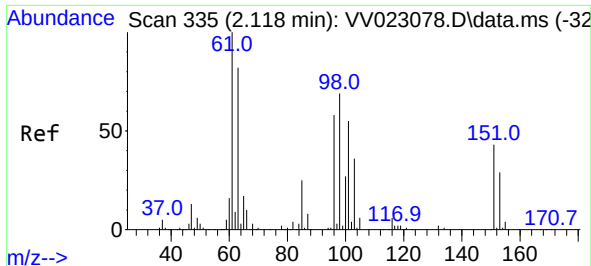
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#9
Trichlorofluoromethane
Concen: 2.346 ug/L
RT: 1.751 min Scan# 221
Delta R.T. -0.003 min
Lab File: VV023088.D
Acq: 28 Oct 2021 20:53

Tgt Ion:101 Resp: 8779
Ion Ratio Lower Upper
101 100
103 59.6 52.2 78.2





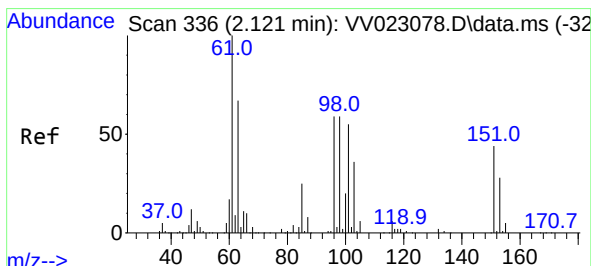
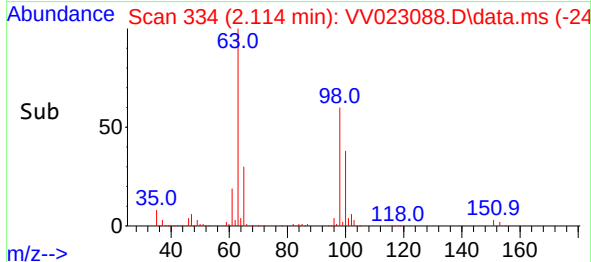
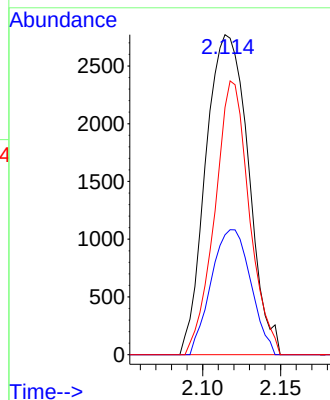
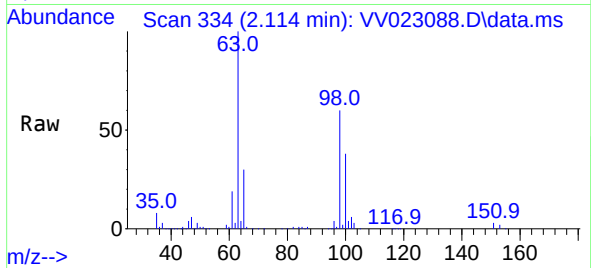
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 2.650 ug/L
RT: 2.114 min Scan# 334
Delta R.T. -0.003 min
Lab File: VV023088.D
Acq: 28 Oct 2021 20:53

Tgt Ion:101 Resp: 5266
Ion Ratio Lower Upper
101 100
85 36.1 35.1 52.7
151 69.3 63.4 95.2

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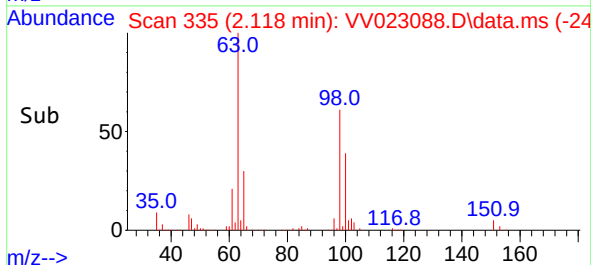
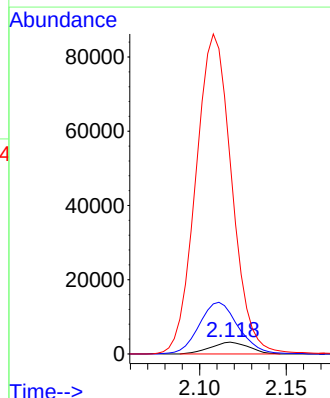
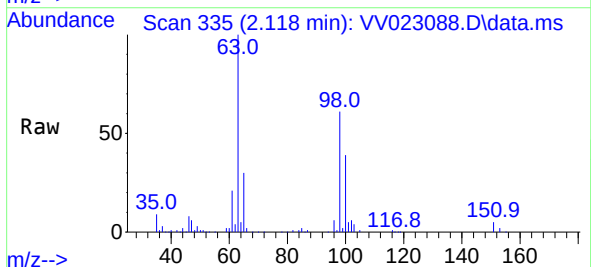
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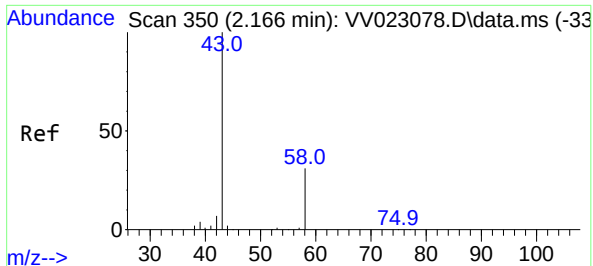
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#12
1,1-Dichloroethene
Concen: 2.658 ug/L
RT: 2.118 min Scan# 335
Delta R.T. -0.003 min
Lab File: VV023088.D
Acq: 28 Oct 2021 20:53

Tgt Ion: 96 Resp: 4901
Ion Ratio Lower Upper
96 100
61 343.6 117.7 218.7#
63 1628.3 79.2 147.2#





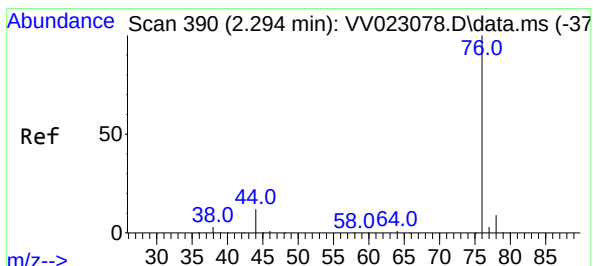
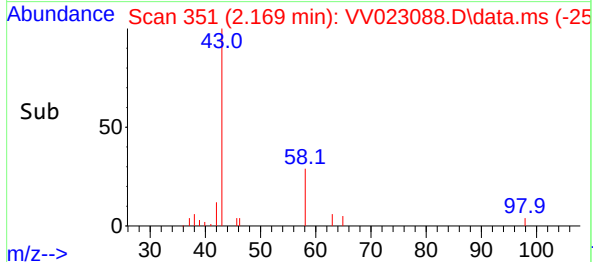
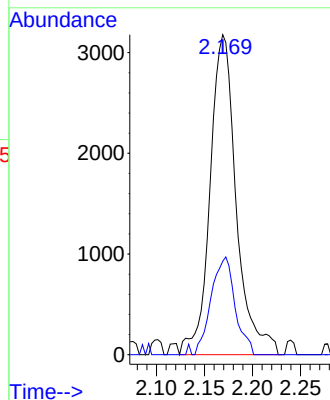
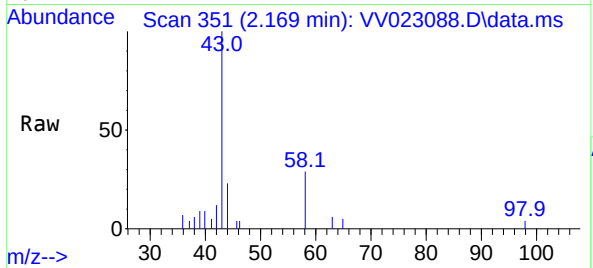
#13
Acetone
Concen: 4.296 ug/L m
RT: 2.169 min Scan# 351
Delta R.T. 0.003 min
Lab File: VV023088.D
Acq: 28 Oct 2021 20:53

Tgt Ion: 43 Resp: 6052
Ion Ratio Lower Upper
43 100
58 27.7 0.0 0.4#

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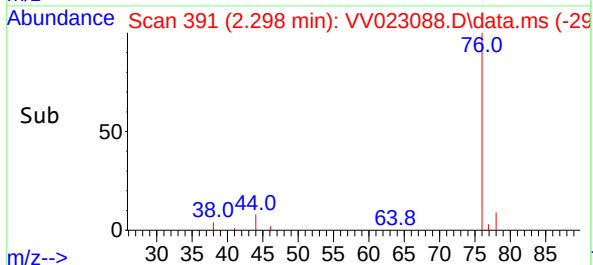
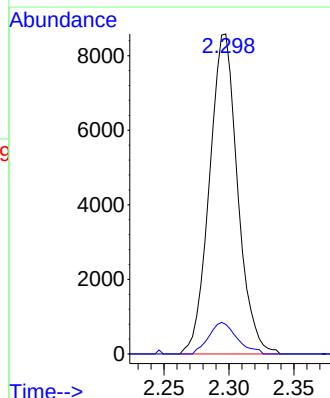
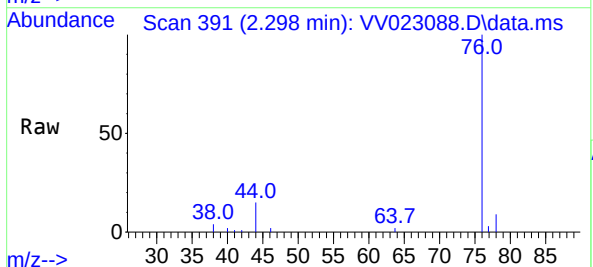
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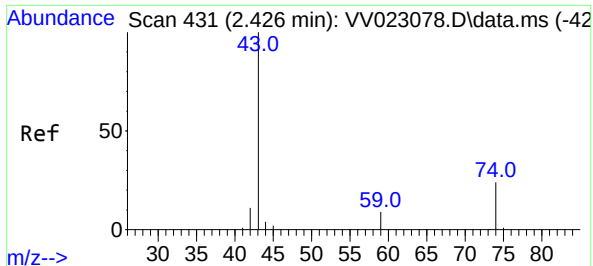
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#14
Carbon disulfide
Concen: 2.351 ug/L
RT: 2.298 min Scan# 391
Delta R.T. 0.003 min
Lab File: VV023088.D
Acq: 28 Oct 2021 20:53

Tgt Ion: 76 Resp: 12963
Ion Ratio Lower Upper
76 100
78 9.3 7.4 11.0



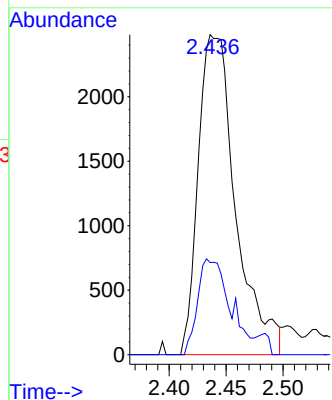
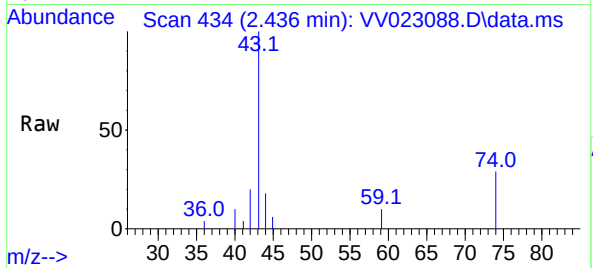


#15
Methyl Acetate
Concen: 2.423 ug/L m
RT: 2.436 min Scan# 434
Delta R.T. 0.010 min
Lab File: VV023088.D
Acq: 28 Oct 2021 20:53

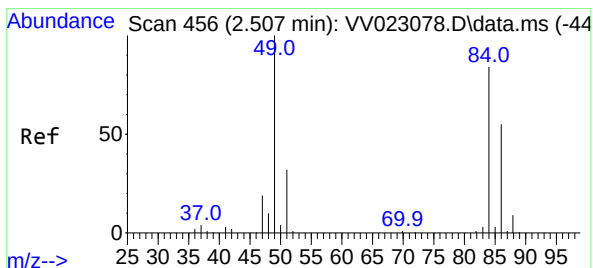
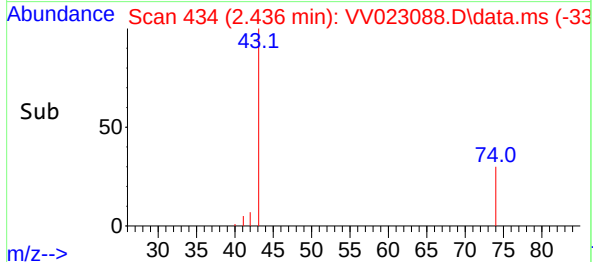
Tgt Ion: 43 Resp: 5666
Ion Ratio Lower Upper
43 100
74 11.0 19.4 29.2#

Instrument :
MSVOA_V
ClientSampled :
MDL01

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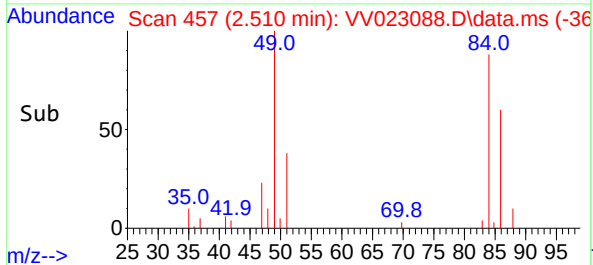
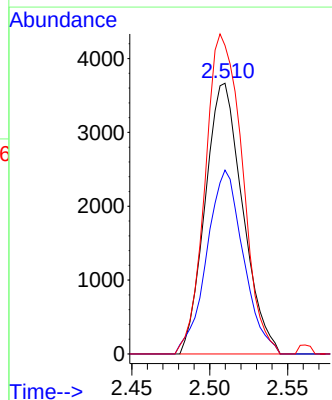
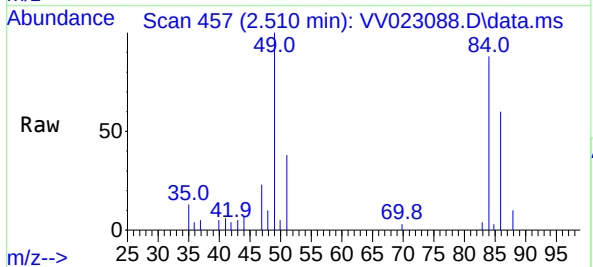


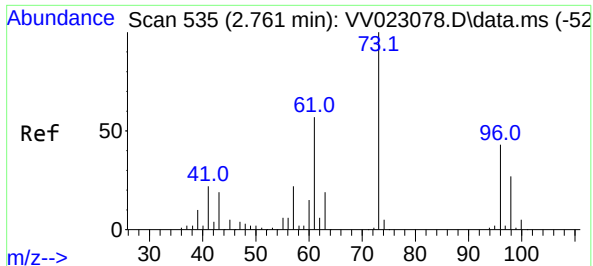
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#16
Methylene chloride
Concen: 2.594 ug/L
RT: 2.510 min Scan# 457
Delta R.T. 0.003 min
Lab File: VV023088.D
Acq: 28 Oct 2021 20:53

Tgt Ion: 84 Resp: 6126
Ion Ratio Lower Upper
84 100
86 67.9 45.4 84.2
49 114.0 83.0 154.1



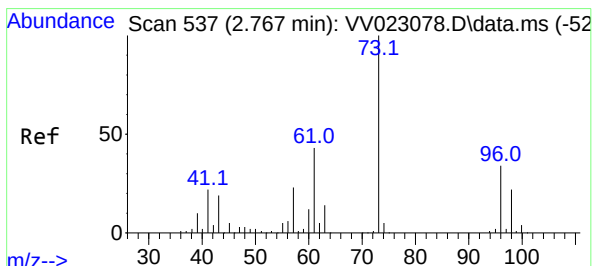
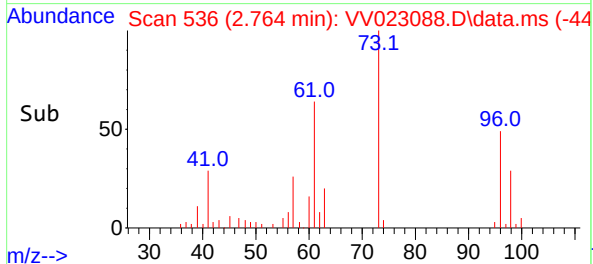
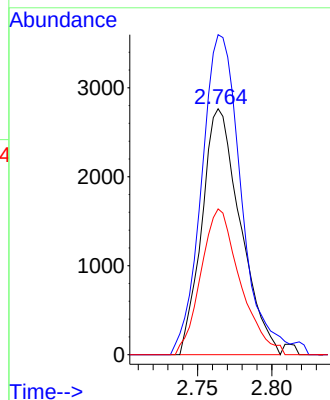
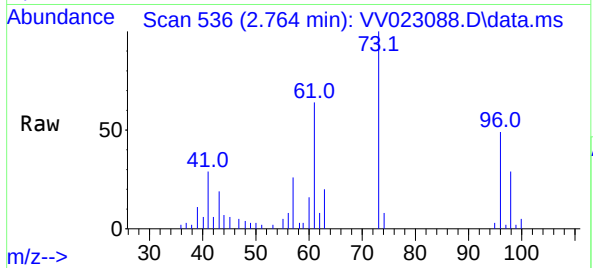


#17
trans-1,2-Dichloroethene
Concen: 2.364 ug/L
RT: 2.764 min Scan# 536
Delta R.T. 0.003 min
Lab File: VV023088.D
Acq: 28 Oct 2021 20:53

Tgt Ion: 96 Resp: 4974
Ion Ratio Lower Upper
96 100
61 130.1 92.2 171.2
98 59.3 44.1 81.9

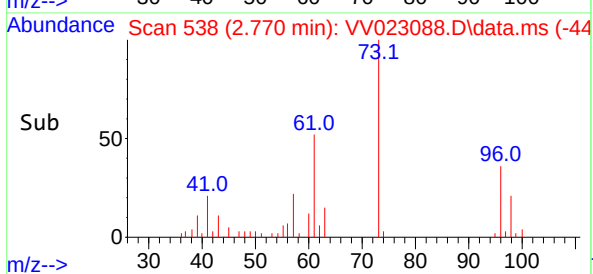
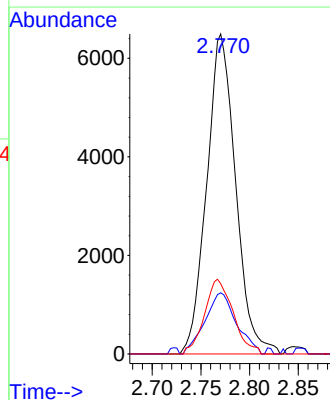
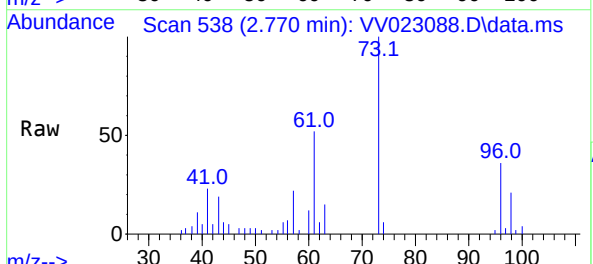
Instrument :
MSVOA_V
ClientSampled :
MDL01

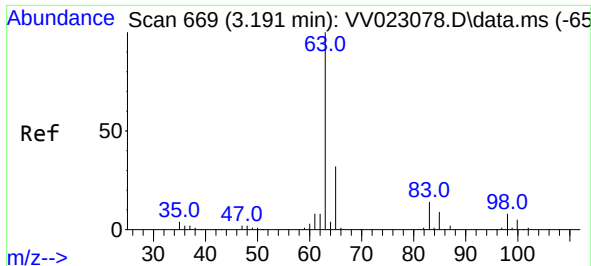
Manual Integrations
APPROVED



#18
Methyl tert-butyl Ether
Concen: 2.124 ug/L
RT: 2.770 min Scan# 538
Delta R.T. 0.003 min
Lab File: VV023088.D
Acq: 28 Oct 2021 20:53

Tgt Ion: 73 Resp: 13421
Ion Ratio Lower Upper
73 100
43 20.8 14.9 22.3
57 23.0 17.6 26.4



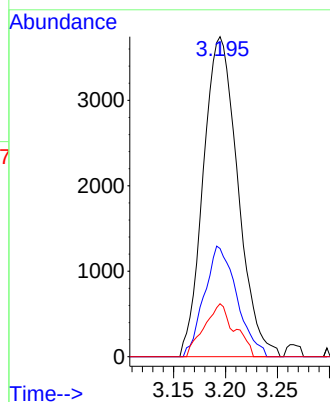
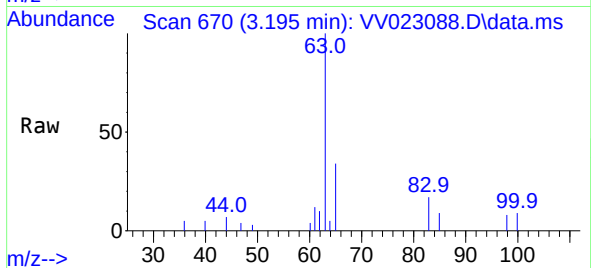


#19
1,1-Dichloroethane
Concen: 2.208 ug/L
RT: 3.195 min Scan# 670
Delta R.T. 0.003 min
Lab File: VV023088.D
Acq: 28 Oct 2021 20:53

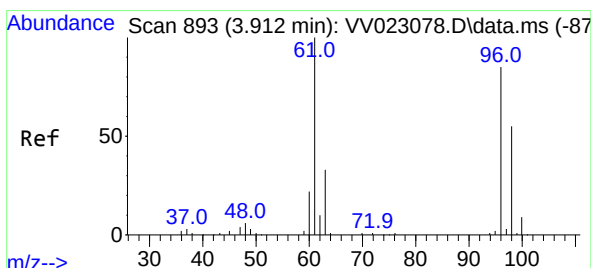
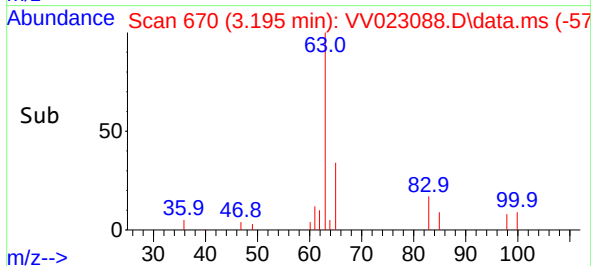
Tgt Ion:	63	Resp:	8656
Ion	Ratio	Lower	Upper
63	100		
65	33.8	22.3	41.5
83	16.6	9.8	18.2

Instrument :
MSVOA_V
ClientSampled :
MDL01

Manual Integrations
APPROVED

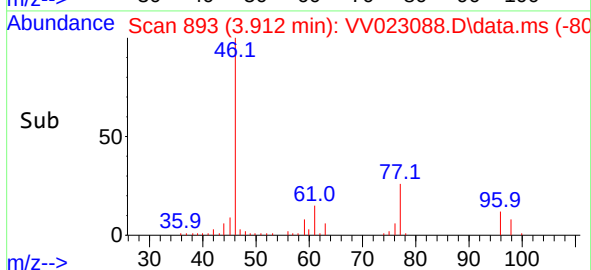
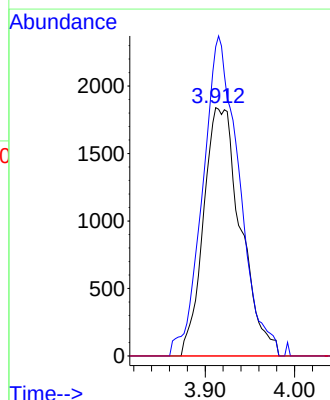
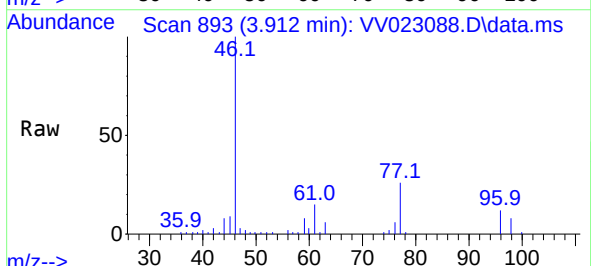


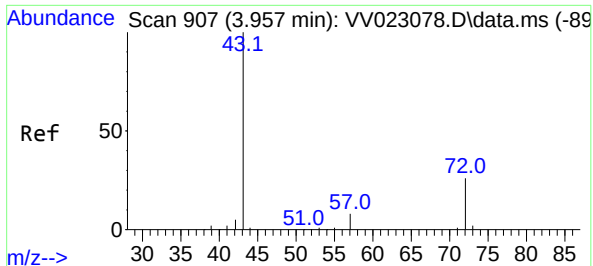
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#20
cis-1,2-Dichloroethene
Concen: 2.368 ug/L m
RT: 3.912 min Scan# 893
Delta R.T. 0.000 min
Lab File: VV023088.D
Acq: 28 Oct 2021 20:53

Tgt Ion:	96	Resp:	5327
Ion	Ratio	Lower	Upper
96	100		
61	124.6	83.0	154.1
68	0.0	0.0	0.0





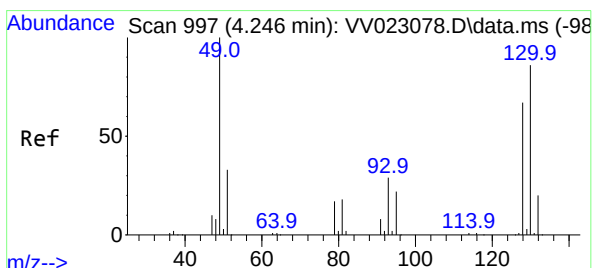
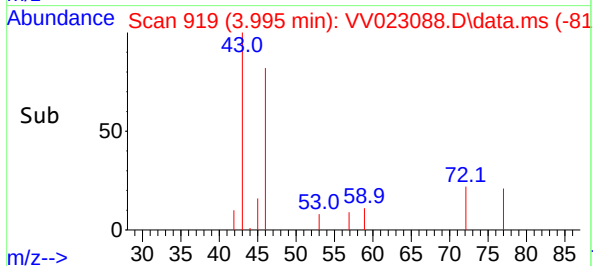
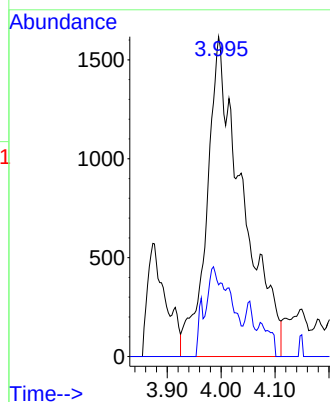
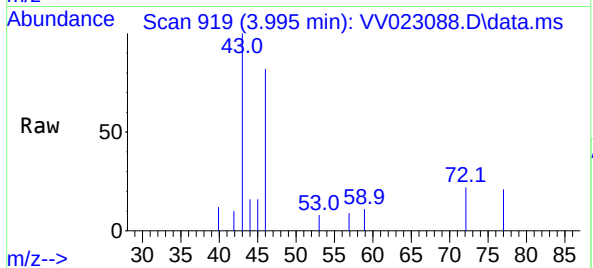
#22
2-Butanone
Concen: 4.619 ug/L m
RT: 3.995 min Scan# 919
Delta R.T. 0.039 min
Lab File: VV023088.D
Acq: 28 Oct 2021 20:53

Tgt Ion: 43 Resp: 7417
Ion Ratio Lower Upper
43 100
72 0.3 13.4 40.1#

Instrument :
MSVOA_V
ClientSampleId :
MDL01

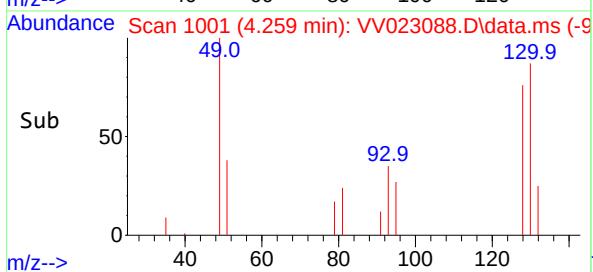
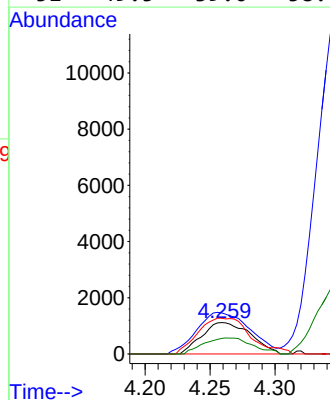
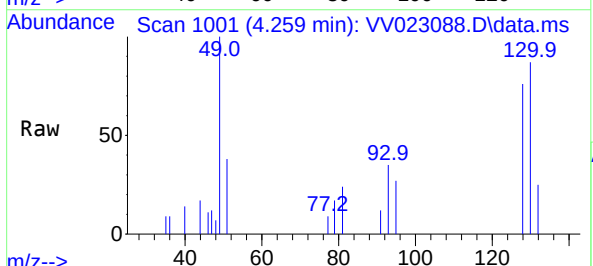
Manual Integrations
APPROVED

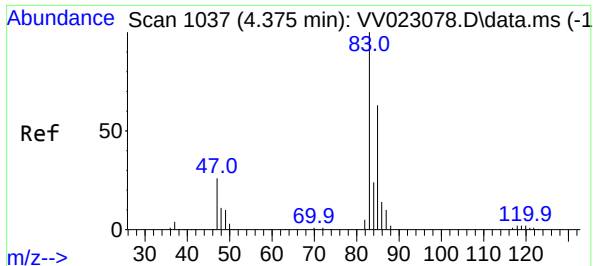
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#23
Bromochloromethane
Concen: 2.305 ug/L
RT: 4.259 min Scan# 1001
Delta R.T. 0.013 min
Lab File: VV023088.D
Acq: 28 Oct 2021 20:53

Tgt Ion: 128 Resp: 2922
Ion Ratio Lower Upper
128 100
49 131.0 104.7 194.4
130 114.0 89.7 166.7
51 49.5 39.0 58.4





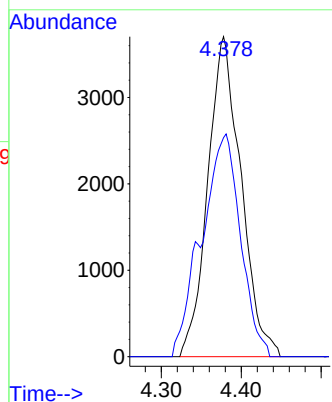
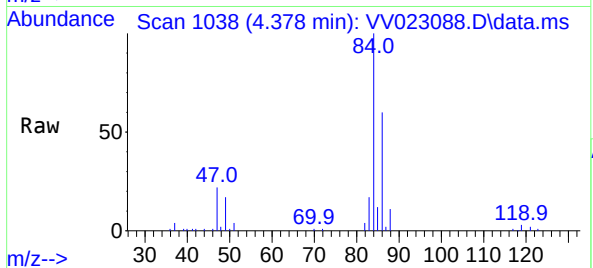
#25

Chloroform
Concen: 2.654 ug/L
RT: 4.378 min Scan# 1038
Delta R.T. 0.003 min
Lab File: VV023088.D
Acq: 28 Oct 2021 20:53

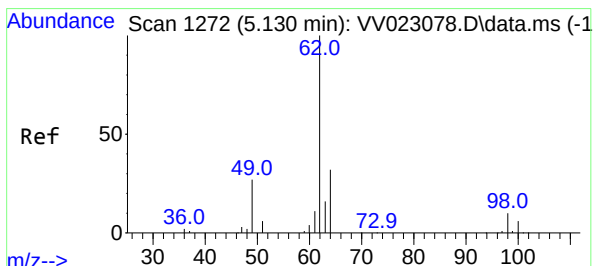
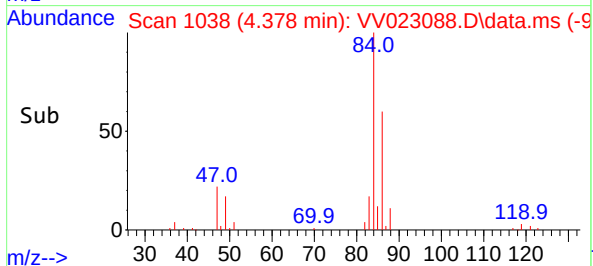
Tgt Ion: 83 Resp: 10701
Ion Ratio Lower Upper
83 100
85 68.4 44.4 82.4

Instrument :
MSVOA_V
ClientSampled :
MDL01

Manual Integrations
APPROVED



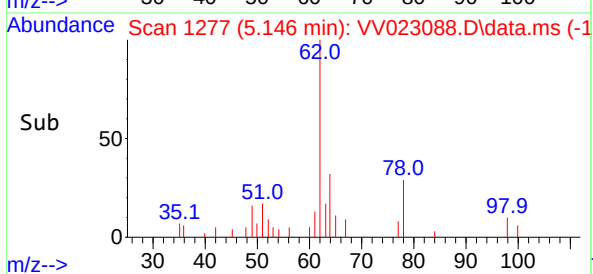
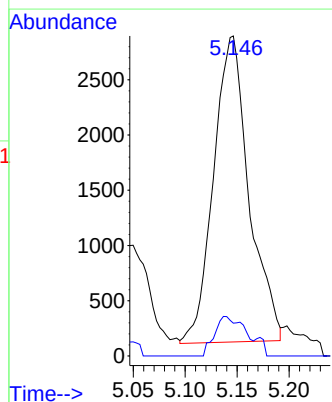
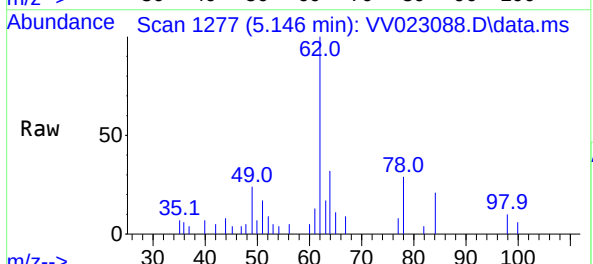
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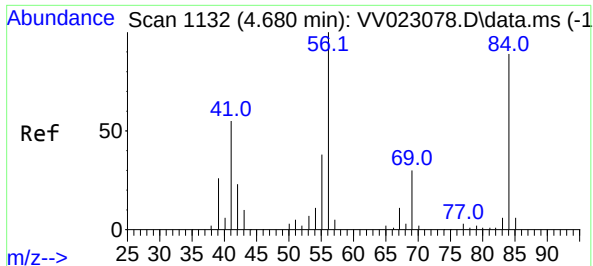


#27

1,2-Dichloroethane
Concen: 2.173 ug/L
RT: 5.146 min Scan# 1277
Delta R.T. 0.016 min
Lab File: VV023088.D
Acq: 28 Oct 2021 20:53

Tgt Ion: 62 Resp: 6577
Ion Ratio Lower Upper
62 100
98 10.3 8.2 12.4





#29

Cyclohexane

Concen: 2.077 ug/L m

RT: 4.687 min Scan# 1134

Delta R.T. 0.006 min

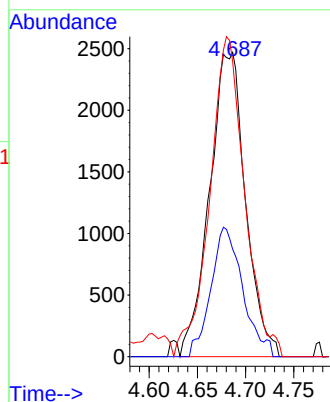
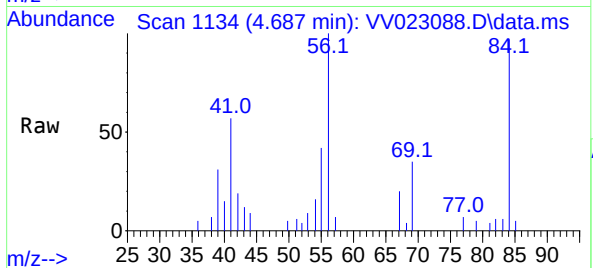
Lab File: VV023088.D

Acq: 28 Oct 2021 20:53

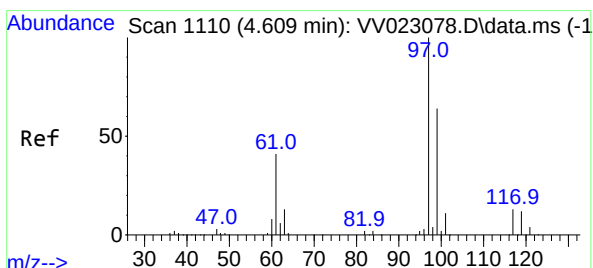
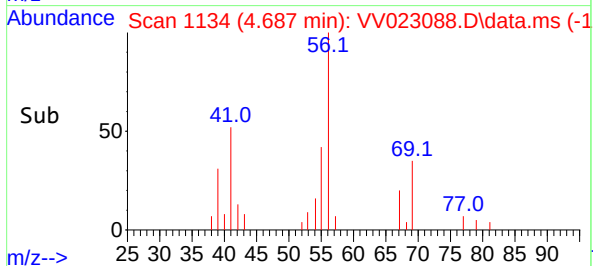
Tgt Ion:	56	Resp:	6417
Ion	Ratio	Lower	Upper
56	100		
69	31.5	24.6	36.8
84	100.0	72.8	109.2

Instrument :
MSVOA_V
ClientSampled :
MDL01

Manual Integrations
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#30

1,1,1-Trichloroethane

Concen: 2.278 ug/L

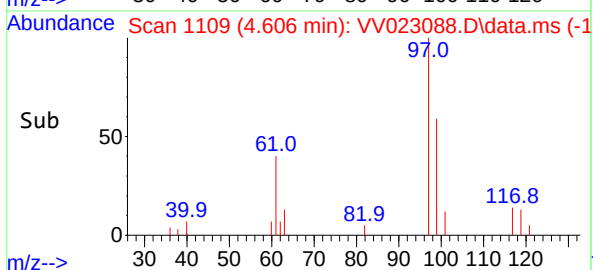
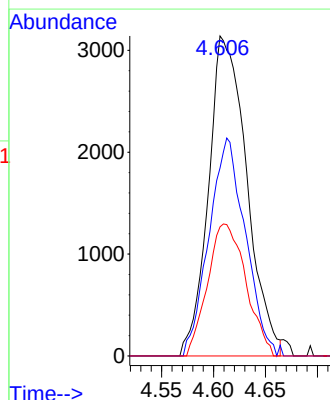
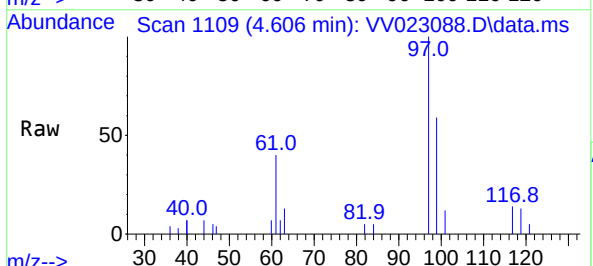
RT: 4.606 min Scan# 1109

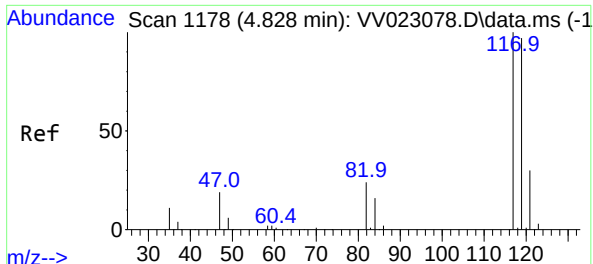
Delta R.T. -0.003 min

Lab File: VV023088.D

Acq: 28 Oct 2021 20:53

Tgt Ion:	97	Resp:	8034
Ion	Ratio	Lower	Upper
97	100		
99	64.7	51.9	77.9
61	41.4	33.8	50.6





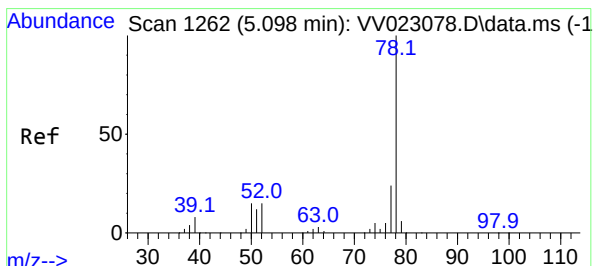
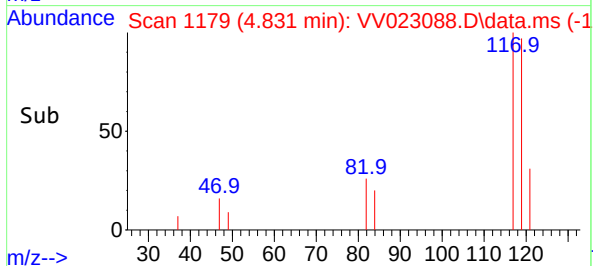
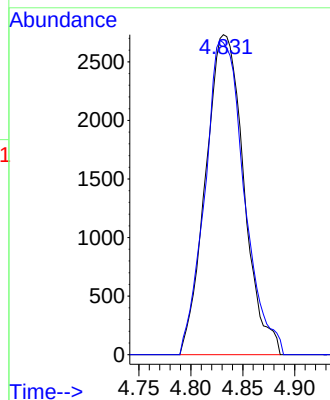
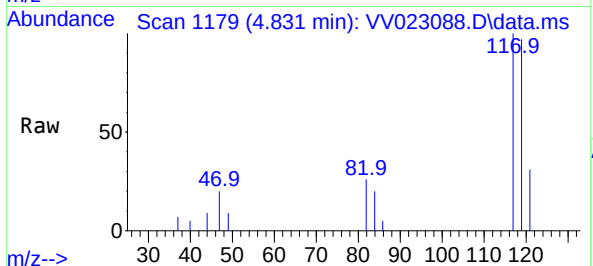
#31
Carbon tetrachloride
Concen: 2.198 ug/L
RT: 4.831 min Scan# 1179
Delta R.T. 0.003 min
Lab File: VV023088.D
Acq: 28 Oct 2021 20:53

Tgt Ion:117 Resp: 6968
Ion Ratio Lower Upper
117 100
119 100.5 77.0 115.4

Instrument :
MSVOA_V
ClientSampleId :
MDL01

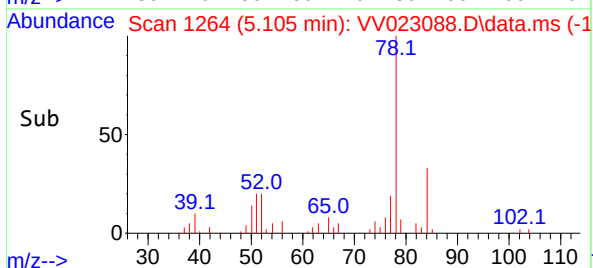
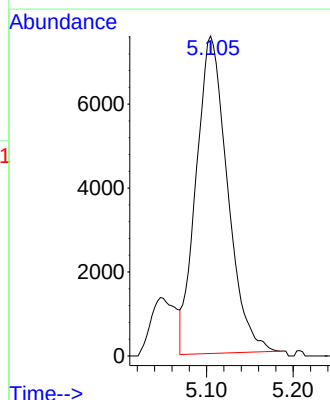
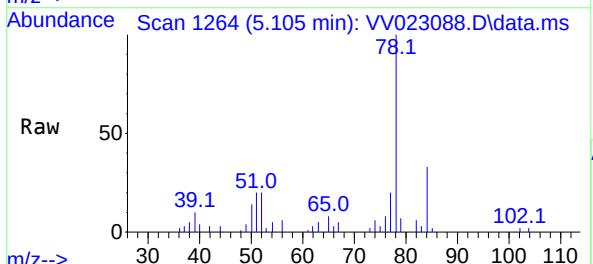
Manual Integrations
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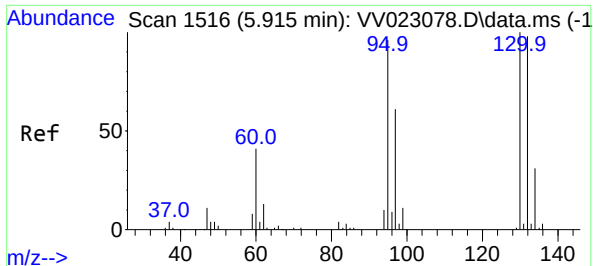
SAM
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#33
Benzene
Concen: 2.301 ug/L
RT: 5.105 min Scan# 1264
Delta R.T. 0.006 min
Lab File: VV023088.D
Acq: 28 Oct 2021 20:53

Tgt Ion: 78 Resp: 18977





#34

Trichloroethene

Concen: 2.332 ug/L

RT: 5.924 min Scan# 1519

Delta R.T. 0.010 min

Lab File: VV023088.D

Acq: 28 Oct 2021 20:53

Tgt Ion: 95 Resp: 5025

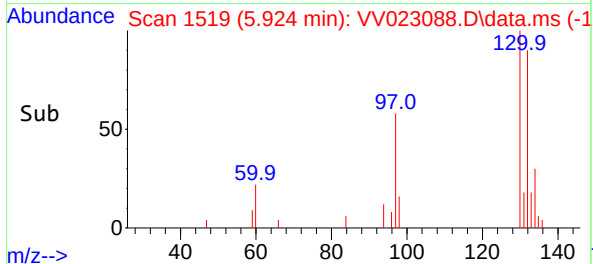
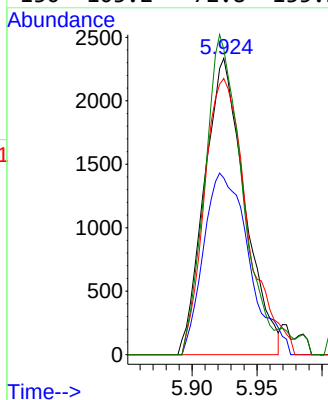
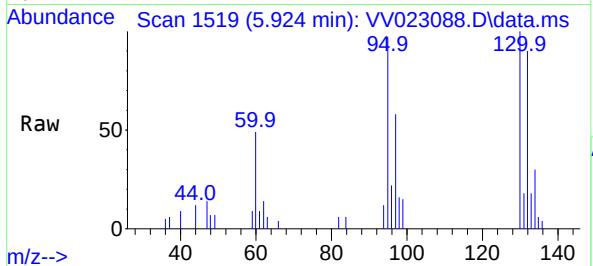
Ion Ratio Lower Upper

95 100

97 59.6 44.4 82.5

132 93.2 71.5 132.9

130 103.2 72.8 135.2



Instrument :

MSVOA_V

ClientSampled :

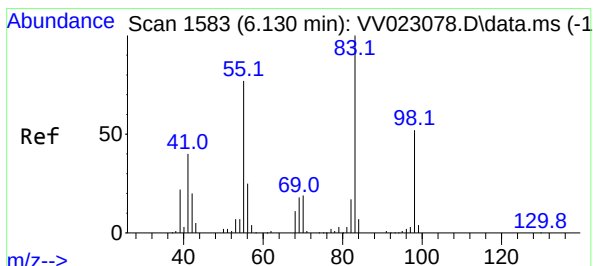
MDL01

Manual Integrations

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#35

Methylcyclohexane

Concen: 2.077 ug/L

RT: 6.130 min Scan# 1583

Delta R.T. 0.000 min

Lab File: VV023088.D

Acq: 28 Oct 2021 20:53

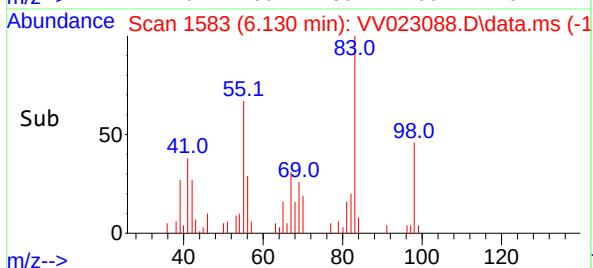
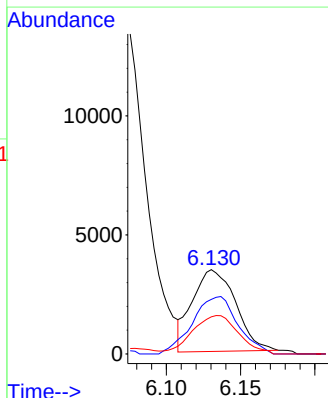
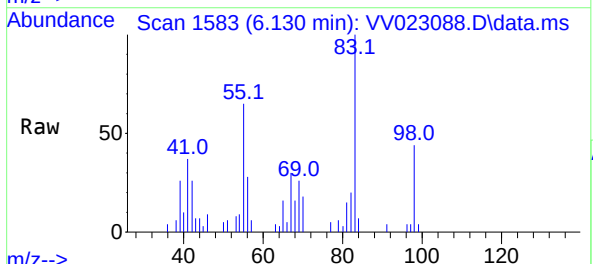
Tgt Ion: 83 Resp: 6974

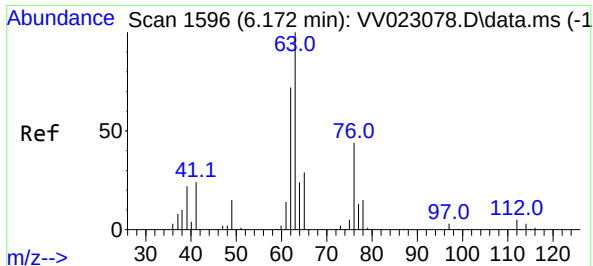
Ion Ratio Lower Upper

83 100

55 73.4 60.1 90.1

98 50.3 41.2 61.8



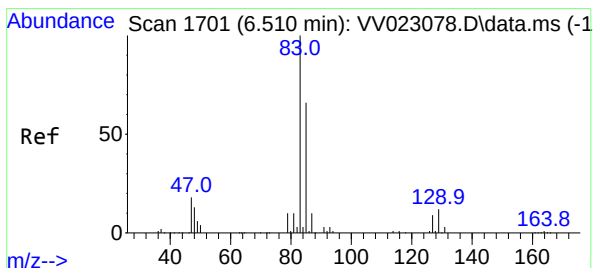
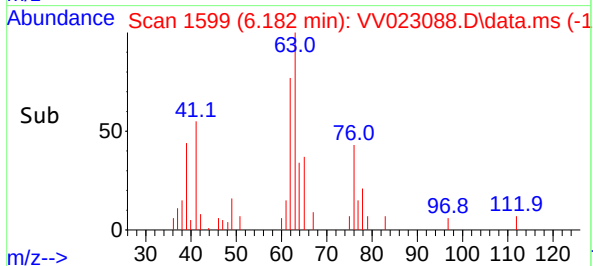
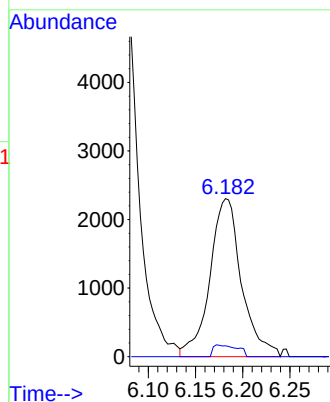
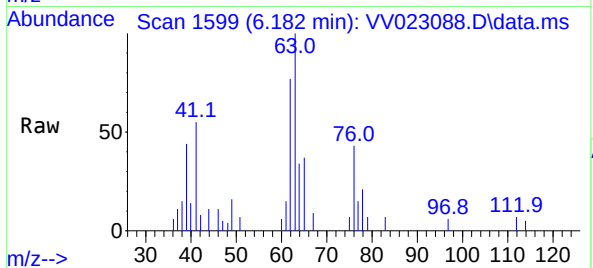


#37
1,2-Dichloropropane
Concen: 2.474 ug/L
RT: 6.182 min Scan# 1599
Delta R.T. 0.010 min
Lab File: VV023088.D
Acq: 28 Oct 2021 20:53

Tgt Ion: 63 Resp: 5362
Ion Ratio Lower Upper
63 100
112 4.8 3.8 5.8

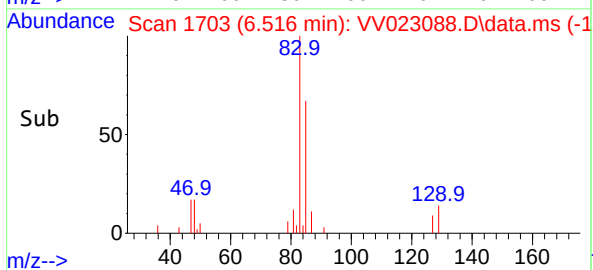
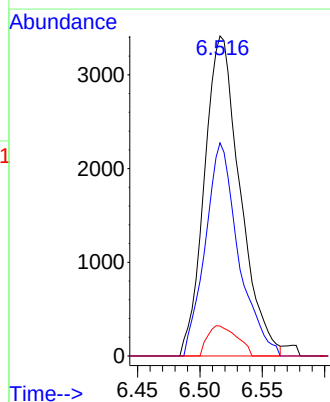
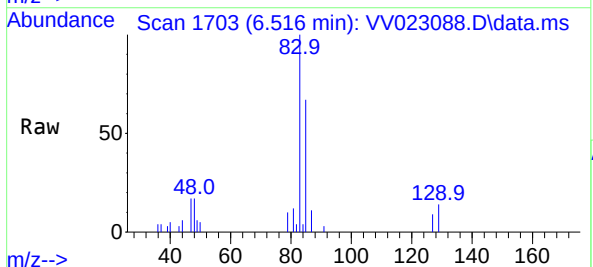
Instrument :
MSVOA_V
ClientSampled :
MDL01

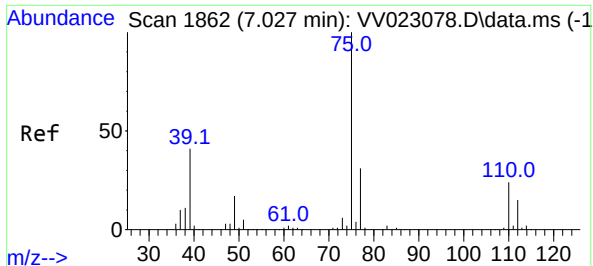
Manual Integrations
APPROVED



#38
Bromodichloromethane
Concen: 2.320 ug/L
RT: 6.516 min Scan# 1703
Delta R.T. 0.006 min
Lab File: VV023088.D
Acq: 28 Oct 2021 20:53

Tgt Ion: 83 Resp: 6806
Ion Ratio Lower Upper
83 100
85 66.6 46.1 85.5
127 9.3 7.4 11.0



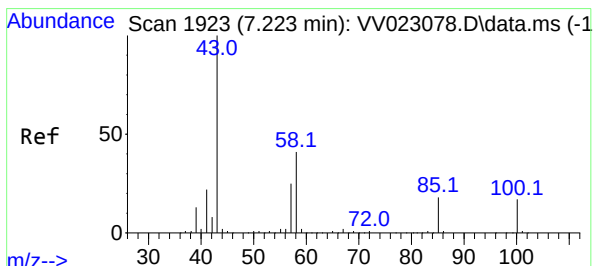
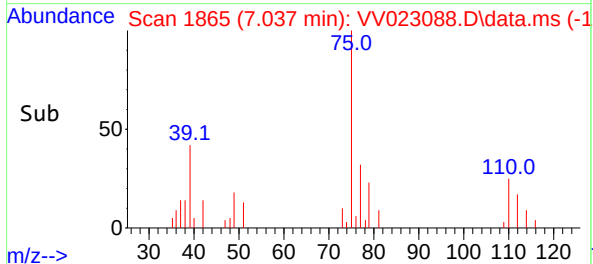
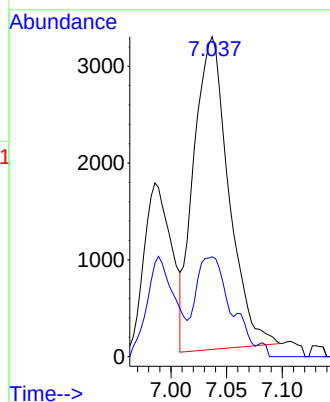
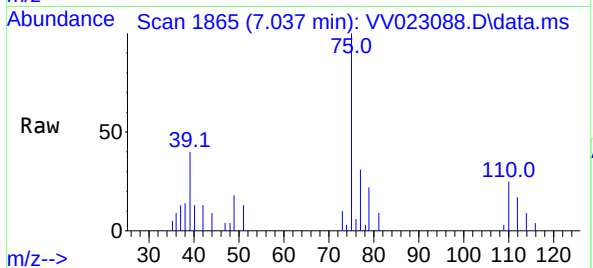


#39
 cis-1,3-Dichloropropene
 Concen: 2.144 ug/L
 RT: 7.037 min Scan# 1865
 Delta R.T. 0.010 min
 Lab File: VV023088.D
 Acq: 28 Oct 2021 20:53

Tgt Ion: 75 Resp: 7046
 Ion Ratio Lower Upper
 75 100
 77 31.2 21.8 40.6

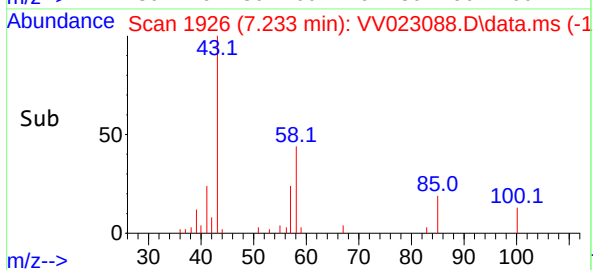
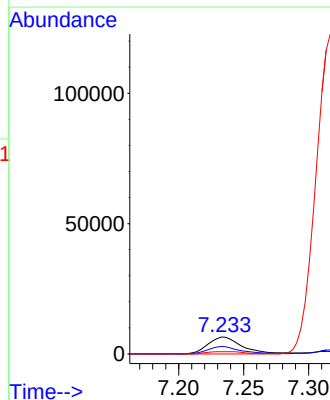
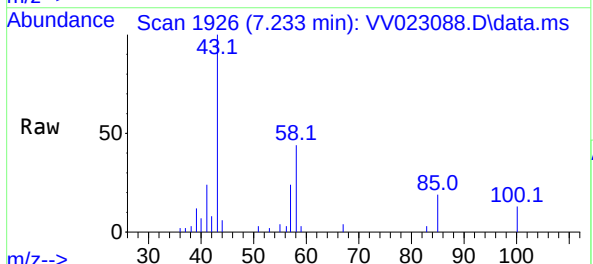
Instrument :
 MSVOA_V
 ClientSampled :
 MDL01

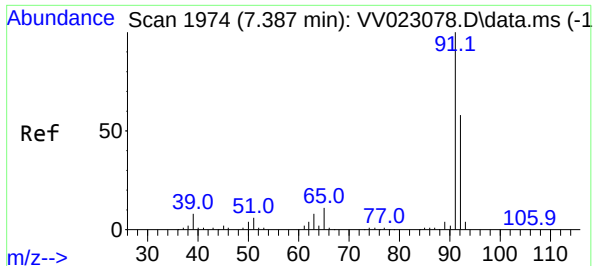
Manual Integrations
 APPROVED



#40
 4-Methyl-2-pentanone
 Concen: 4.201 ug/L
 RT: 7.233 min Scan# 1926
 Delta R.T. 0.010 min
 Lab File: VV023088.D
 Acq: 28 Oct 2021 20:53

Tgt Ion: 43 Resp: 11743
 Ion Ratio Lower Upper
 43 100
 58 43.4 32.4 48.6
 100 15.3 13.4 20.2





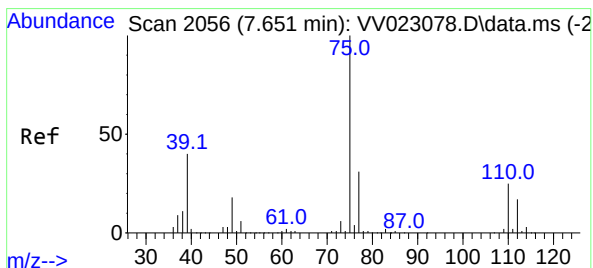
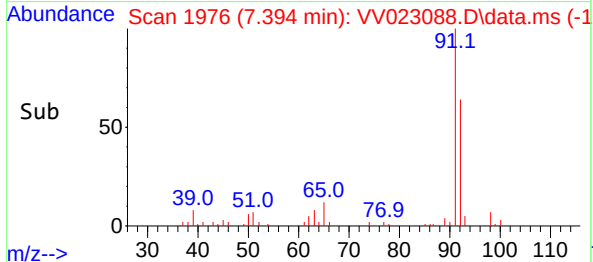
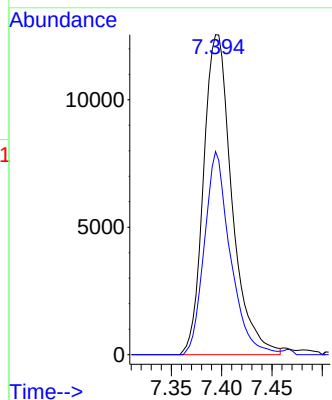
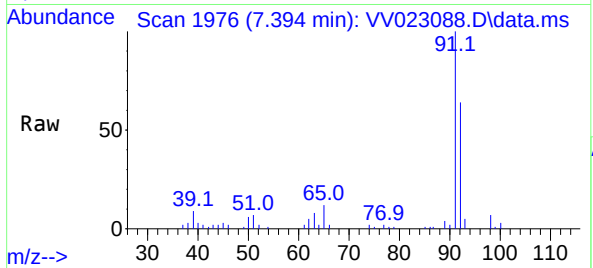
#42
Toluene
Concen: 2.798 ug/L
RT: 7.394 min Scan# 1976
Delta R.T. 0.006 min
Lab File: VV023088.D
Acq: 28 Oct 2021 20:53

Tgt Ion: 91 Resp: 24693
Ion Ratio Lower Upper
91 100
92 63.5 40.6 75.4

Instrument :
MSVOA_V
ClientSampled :
MDL01

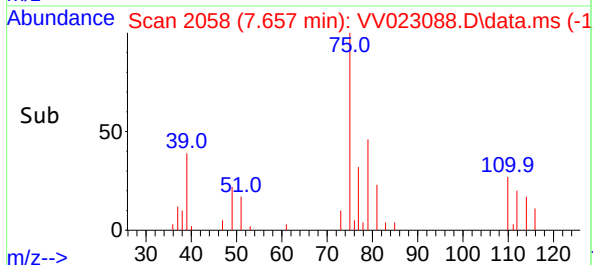
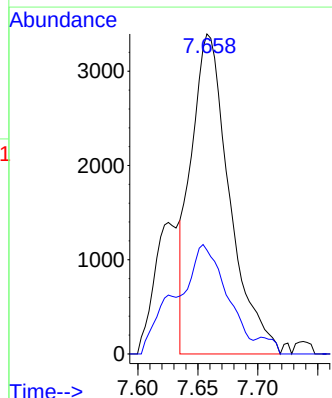
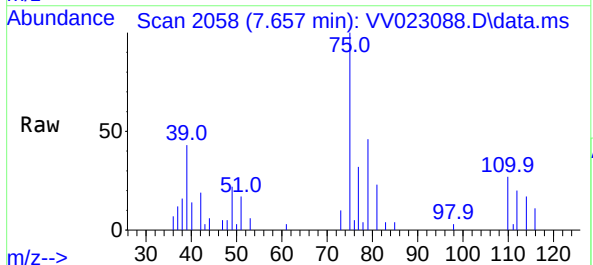
Manual Integrations
APPROVED

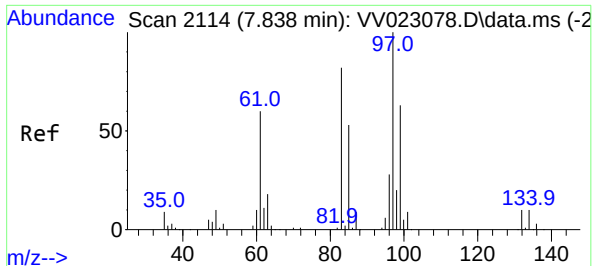
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#44
trans-1,3-Dichloropropene
Concen: 2.364 ug/L
RT: 7.657 min Scan# 2058
Delta R.T. 0.006 min
Lab File: VV023088.D
Acq: 28 Oct 2021 20:53

Tgt Ion: 75 Resp: 7533
Ion Ratio Lower Upper
75 100
77 32.4 21.4 39.8





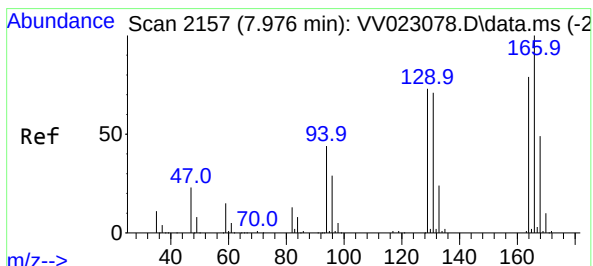
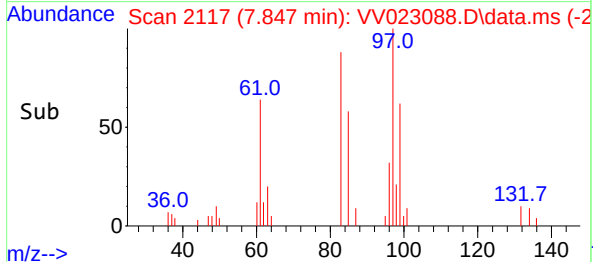
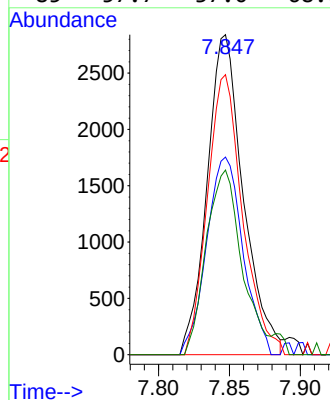
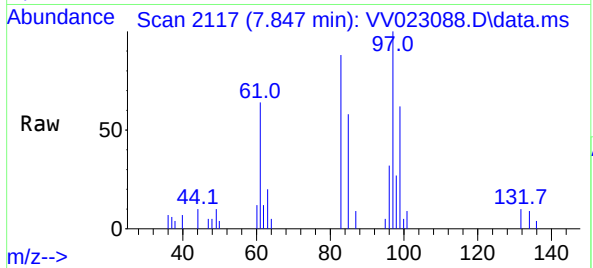
#45
1,1,2-Trichloroethane
Concen: 2.279 ug/L
RT: 7.847 min Scan# 2117
Delta R.T. 0.010 min
Lab File: VV023088.D
Acq: 28 Oct 2021 20:53

Tgt Ion: 97	Resp: 5044
Ion Ratio	Lower Upper
97 100	
99 61.8	44.2 82.2
83 87.5	57.7 107.1
85 57.7	37.0 68.6

Instrument :
MSVOA_V
ClientSampled :
MDL01

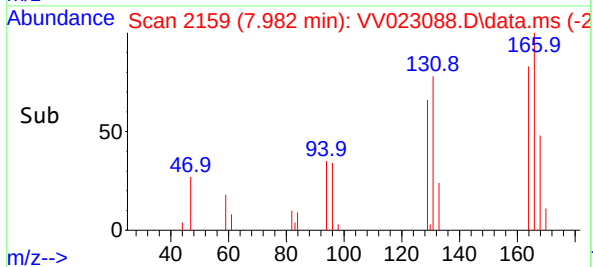
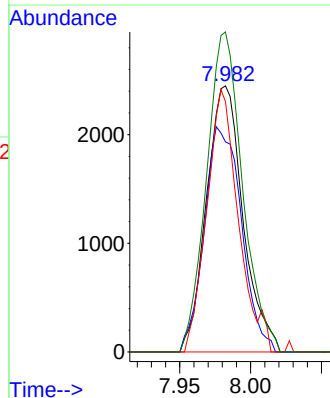
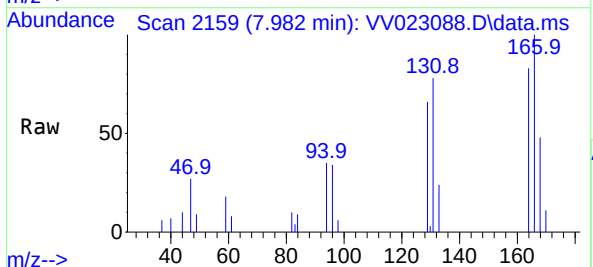
Manual Integrations
APPROVED

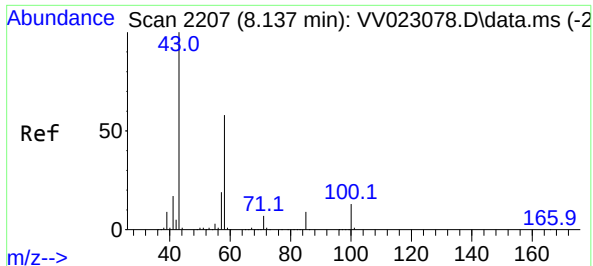
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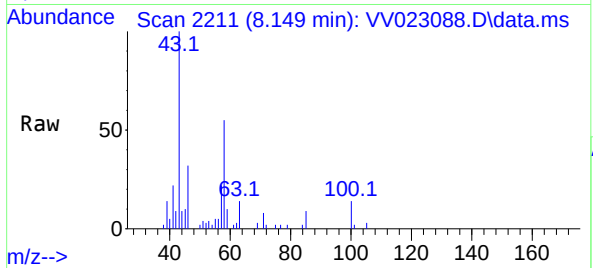
#46
Tetrachloroethene
Concen: 2.367 ug/L
RT: 7.982 min Scan# 2159
Delta R.T. 0.006 min
Lab File: VV023088.D
Acq: 28 Oct 2021 20:53

Tgt	Ion:164	Resp:	4397
Ion	Ratio	Lower	Upper
164	100		
129	79.0	64.6	120.0
131	94.0	62.9	116.7
166	120.3	88.4	164.2



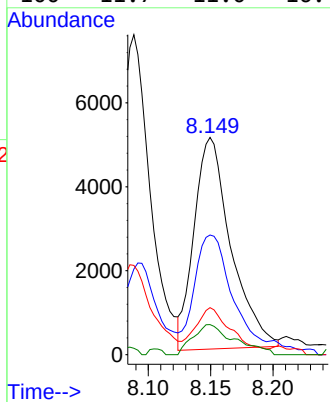


#48
2-Hexanone
Concen: 4.683 ug/L
RT: 8.149 min Scan# 2211
Delta R.T. 0.013 min
Lab File: VV023088.D
Acq: 28 Oct 2021 20:53



Tgt Ion: 43 Resp: 10392

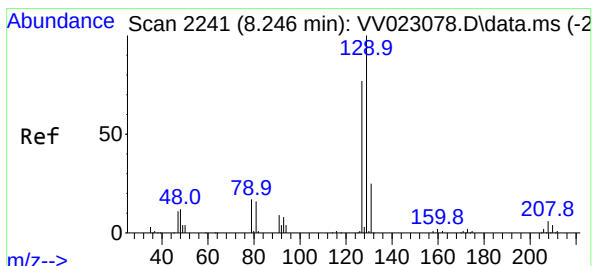
Ion	Ratio	Lower	Upper
43	100		
58	49.8	45.6	68.4
57	18.9	15.4	23.0
100	11.7	11.0	16.4



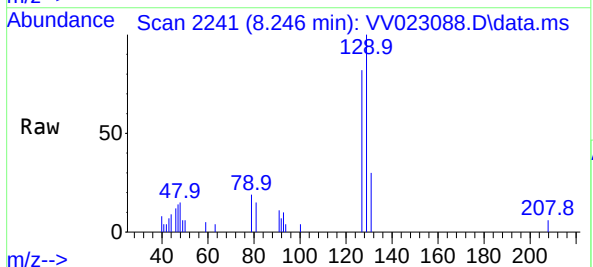
Instrument :
MSVOA_V
ClientSampleId :
MDL01

Manual Integrations
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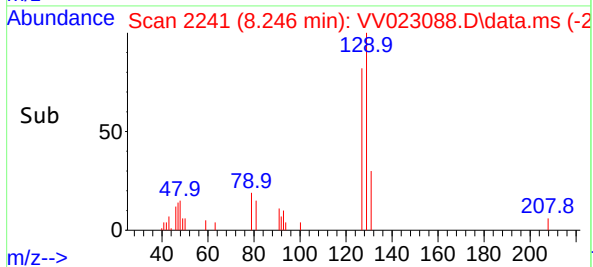
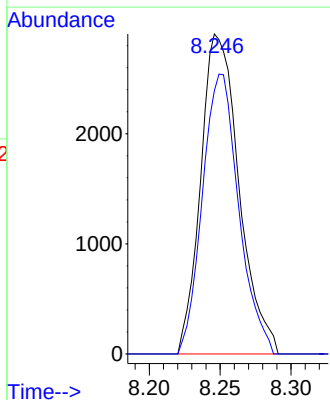


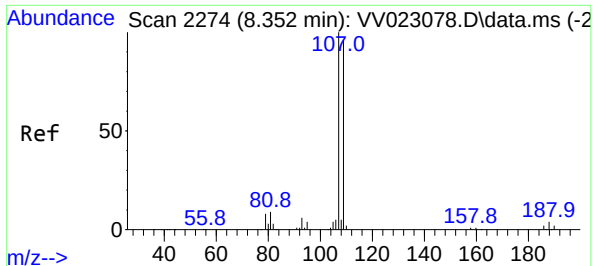
#49
Dibromochloromethane
Concen: 2.164 ug/L
RT: 8.246 min Scan# 2241
Delta R.T. 0.000 min
Lab File: VV023088.D
Acq: 28 Oct 2021 20:53



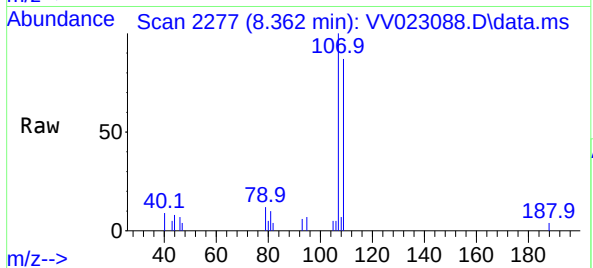
Tgt Ion: 129 Resp: 5473

Ion	Ratio	Lower	Upper
129	100		
127	82.2	53.9	100.1

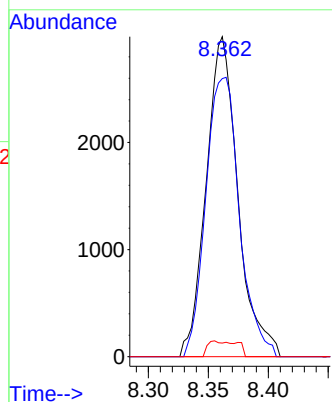




#50
1,2-Dibromoethane
Concen: 2.359 ug/L
RT: 8.362 min Scan# 2277
Delta R.T. 0.010 min
Lab File: VV023088.D
Acq: 28 Oct 2021 20:53



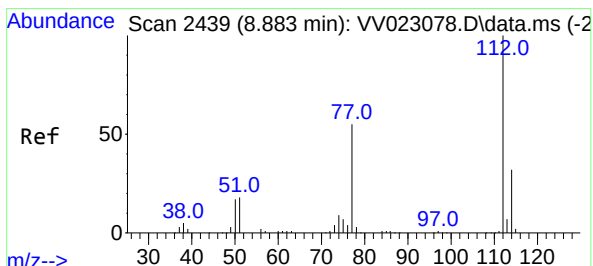
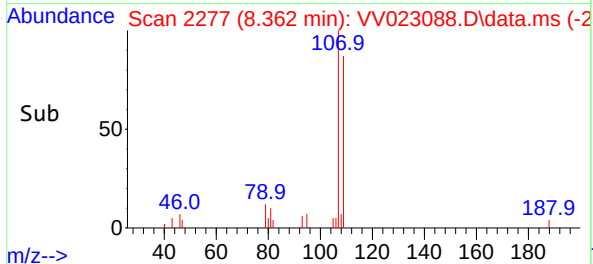
Tgt Ion:107 Resp: 5498
Ion Ratio Lower Upper
107 100
109 86.9 67.3 124.9
188 4.3 3.3 4.9



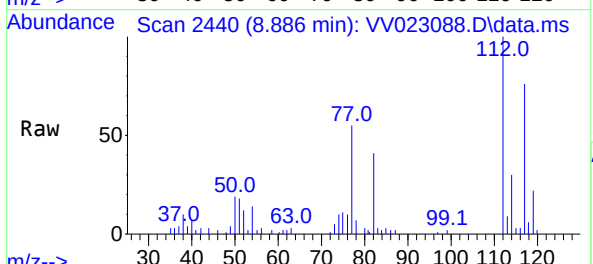
Instrument :
MSVOA_V
ClientSampled :
MDL01

Manual Integrations
APPROVED

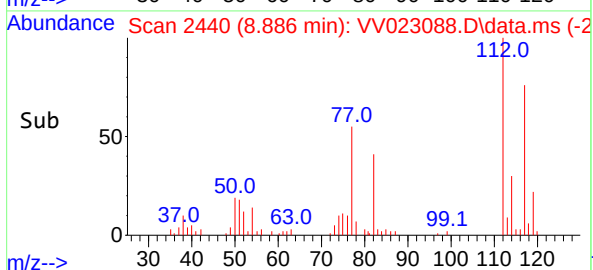
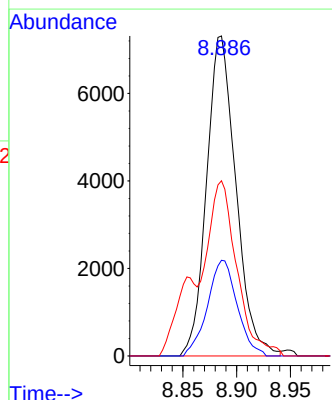
SAM
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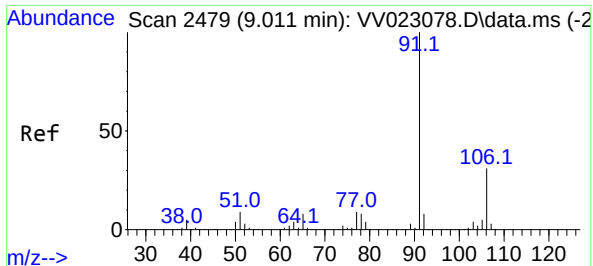


#51
Chlorobenzene
Concen: 2.324 ug/L
RT: 8.886 min Scan# 2440
Delta R.T. 0.003 min
Lab File: VV023088.D
Acq: 28 Oct 2021 20:53



Tgt Ion:112 Resp: 13857
Ion Ratio Lower Upper
112 100
114 29.9 22.2 41.2
77 54.7 44.6 67.0



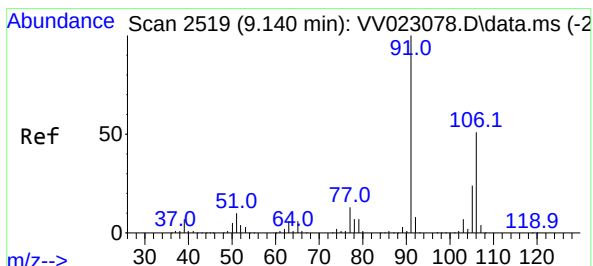
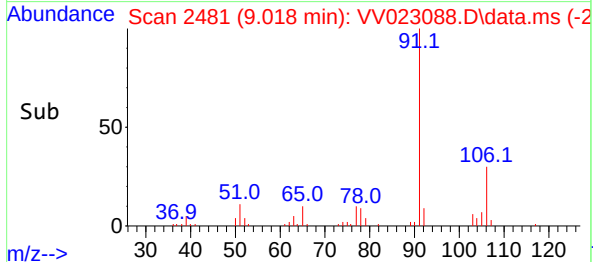
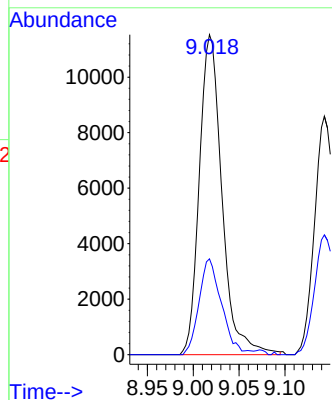
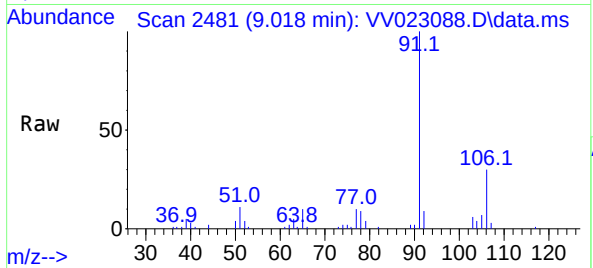


#52
Ethylbenzene
Concen: 2.110 ug/L
RT: 9.018 min Scan# 2481
Delta R.T. 0.006 min
Lab File: VV023088.D
Acq: 28 Oct 2021 20:53

Instrument :
MSVOA_V
ClientSampled :
MDL01

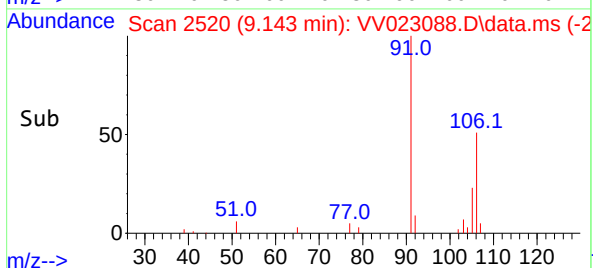
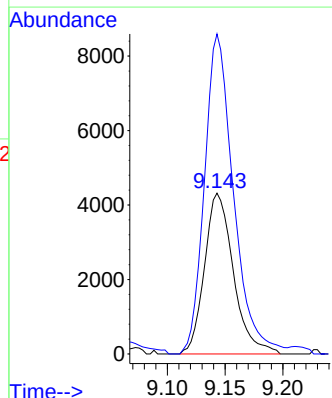
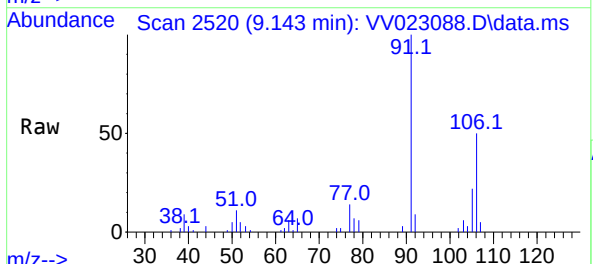
Tgt Ion: 91 Resp: 19814
Ion Ratio Lower Upper
91 100
106 30.0 21.8 40.4

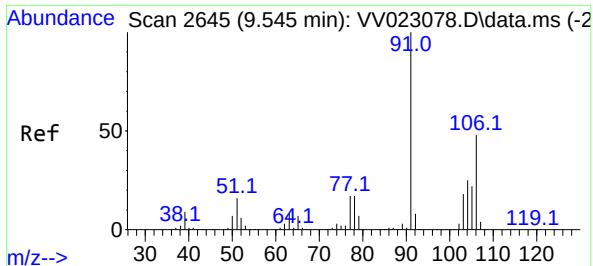
Manual Integrations
APPROVED



#53
m,p-Xylene
Concen: 2.080 ug/L
RT: 9.143 min Scan# 2520
Delta R.T. 0.003 min
Lab File: VV023088.D
Acq: 28 Oct 2021 20:53

Tgt Ion: 106 Resp: 7530
Ion Ratio Lower Upper
106 100
91 199.0 137.3 254.9



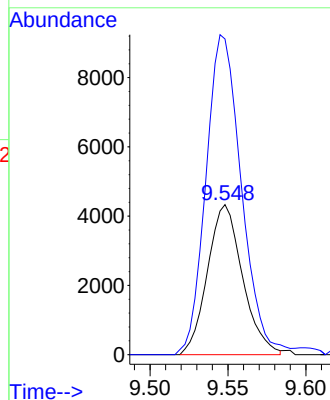
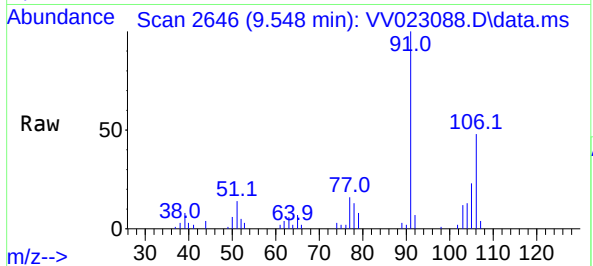


#54
o-Xylene
Concen: 1.922 ug/L
RT: 9.548 min Scan# 2646
Delta R.T. 0.003 min
Lab File: VV023088.D
Acq: 28 Oct 2021 20:53

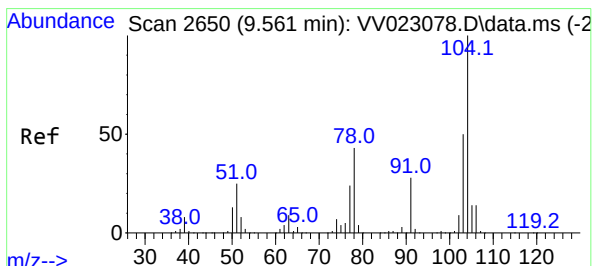
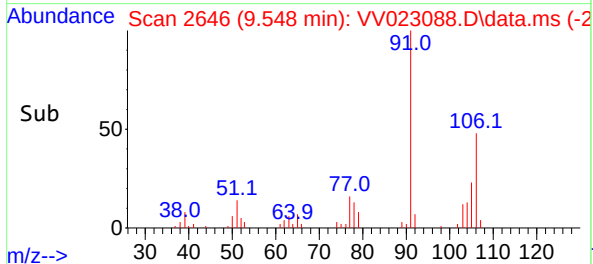
Instrument :
MSVOA_V
ClientSampled :
MDL01

Tgt Ion:106 Resp: 6772
Ion Ratio Lower Upper
106 100
91 210.4 145.0 269.4

Manual Integrations
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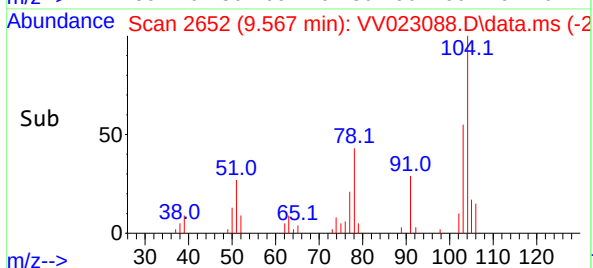
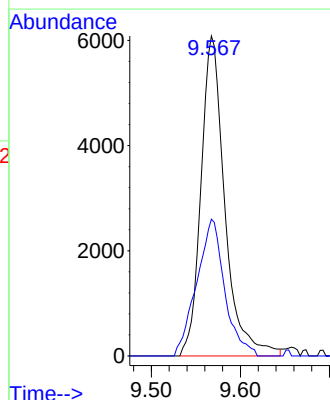
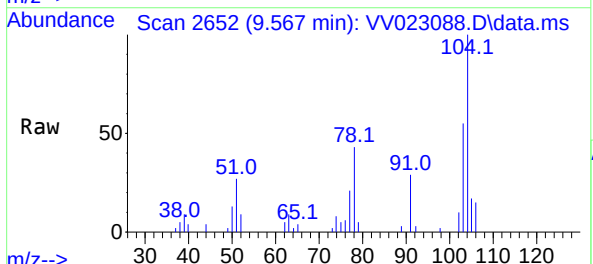


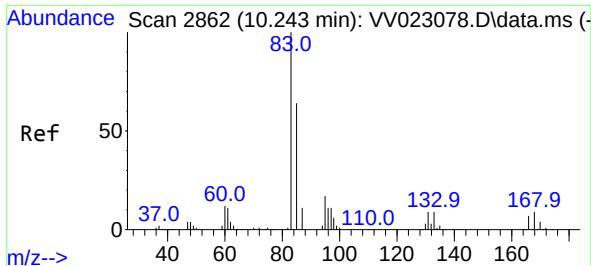
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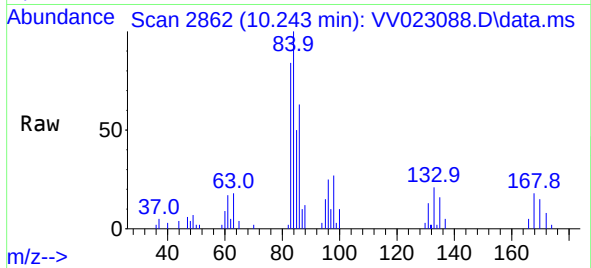
#55
Styrene
Concen: 1.847 ug/L
RT: 9.567 min Scan# 2652
Delta R.T. 0.006 min
Lab File: VV023088.D
Acq: 28 Oct 2021 20:53

Tgt Ion:104 Resp: 11313
Ion Ratio Lower Upper
104 100
78 42.7 29.8 55.4

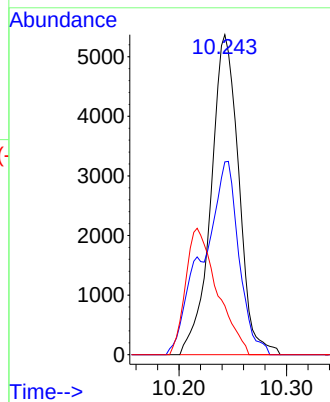
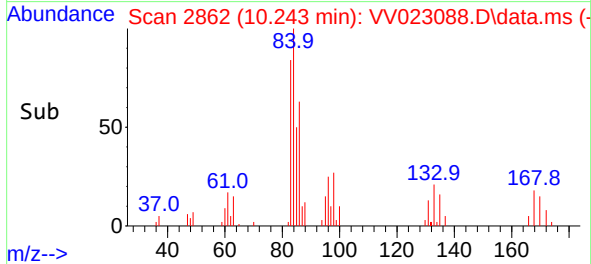




#57
1,1,2,2-Tetrachloroethane
Concen: 2.738 ug/L
RT: 10.243 min Scan# 2862
Delta R.T. 0.000 min
Lab File: VV023088.D
Acq: 28 Oct 2021 20:53



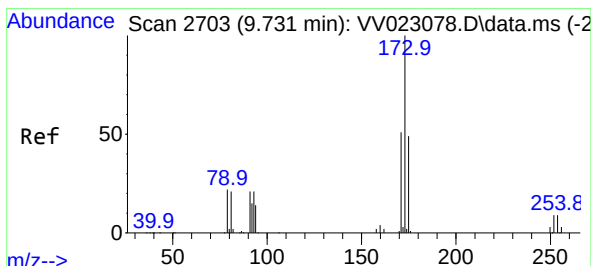
Tgt Ion: 83 Resp: 9661
Ion Ratio Lower Upper
83 100
85 60.2 44.7 83.1
131 17.8 7.8 11.8#



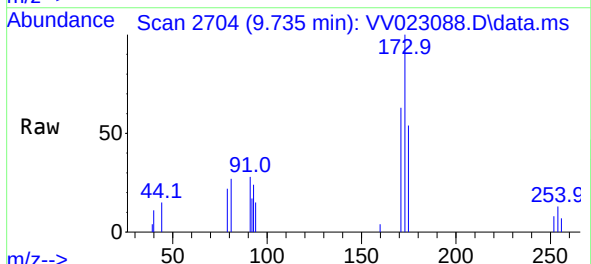
Instrument :
MSVOA_V
ClientSampled :
MDL01

Manual Integrations
APPROVED

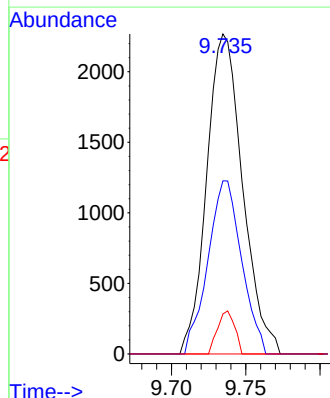
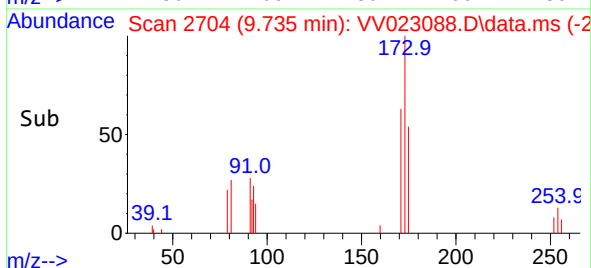
SAM
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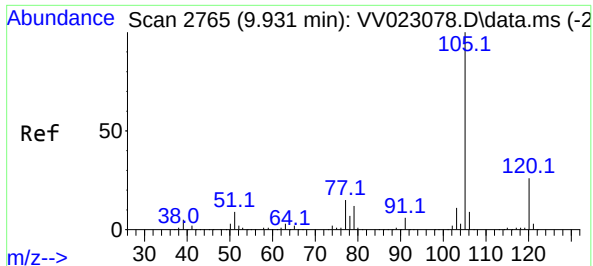


#59
Bromoform
Concen: 2.275 ug/L
RT: 9.735 min Scan# 2704
Delta R.T. 0.003 min
Lab File: VV023088.D
Acq: 28 Oct 2021 20:53



Tgt Ion: 173 Resp: 3813
Ion Ratio Lower Upper
173 100
175 50.8 39.3 58.9
254 6.4 7.2 10.8#





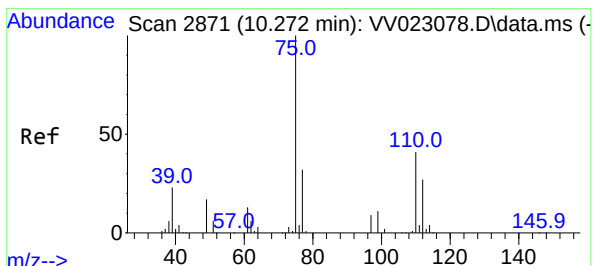
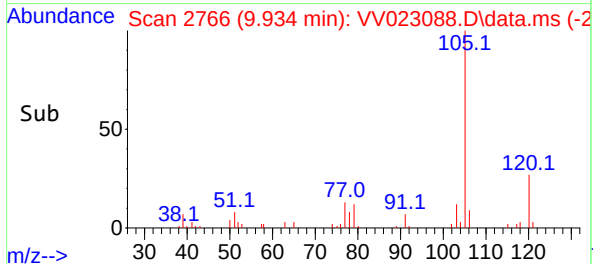
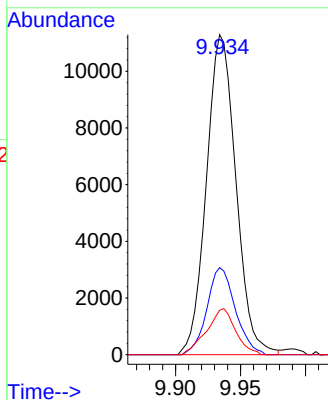
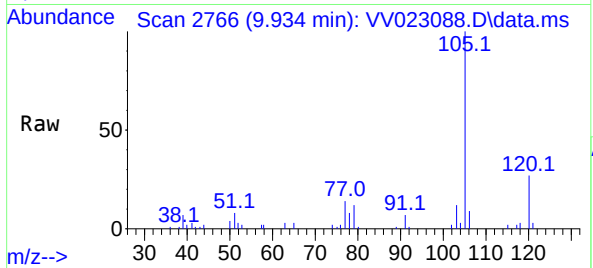
#60
Isopropylbenzene
Concen: 2.107 ug/L
RT: 9.934 min Scan# 2766
Delta R.T. 0.003 min
Lab File: VV023088.D
Acq: 28 Oct 2021 20:53

Tgt Ion:	105	Resp:	17836
Ion Ratio	Lower	Upper	
105	100		
120	26.1	21.0	31.6
77	14.1	12.2	18.2

Instrument :
MSVOA_V
ClientSampled :
MDL01

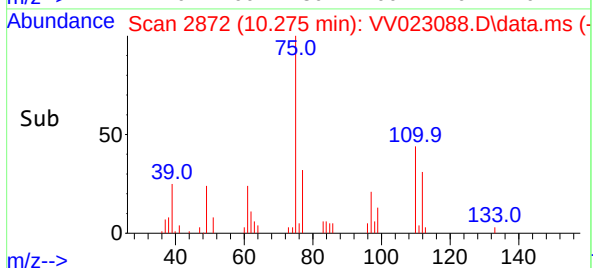
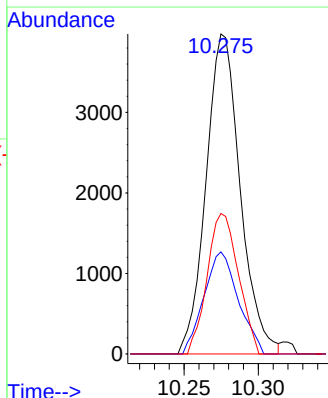
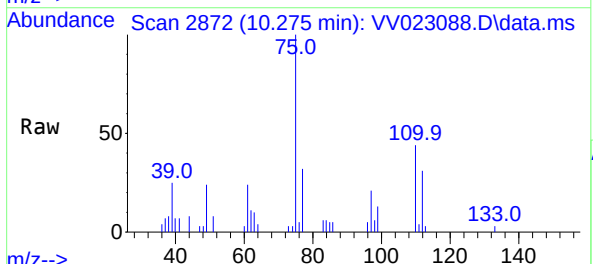
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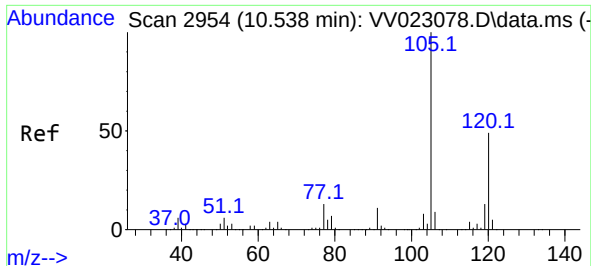
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#61
1,2,3-Trichloropropane
Concen: 2.562 ug/L
RT: 10.275 min Scan# 2872
Delta R.T. 0.003 min
Lab File: VV023088.D
Acq: 28 Oct 2021 20:53

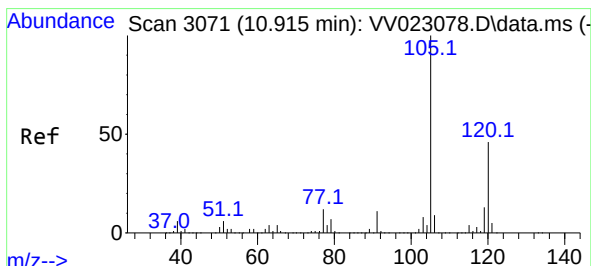
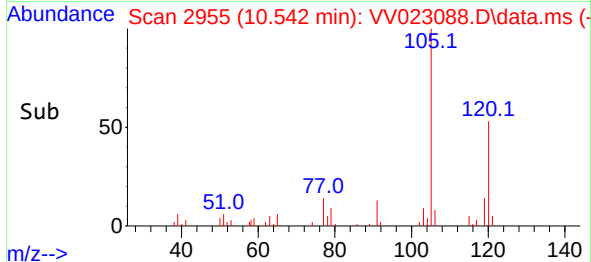
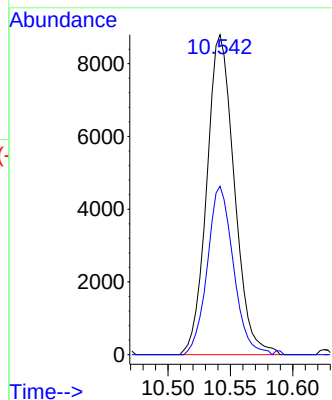
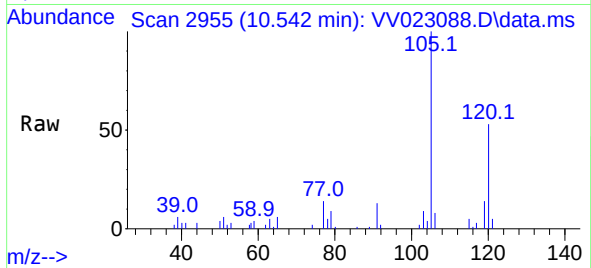
Tgt Ion:	75	Resp:	6361
Ion Ratio	Lower	Upper	
75	100		
77	32.1	25.6	38.4
110	40.1	33.1	49.7





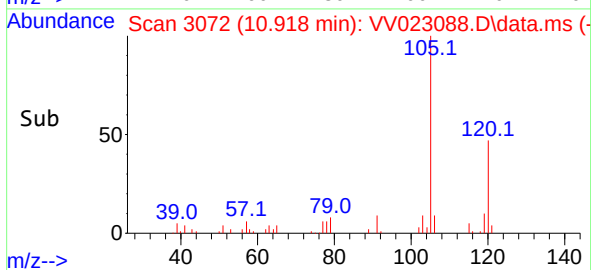
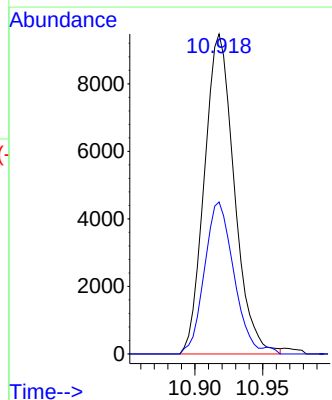
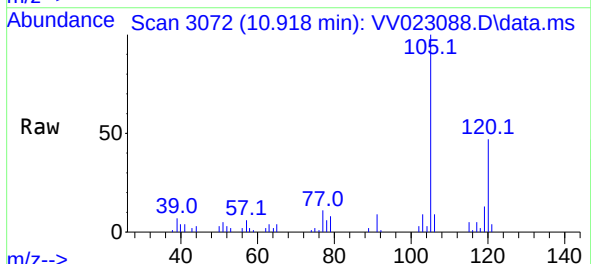
#62
1,3,5-Trimethylbenzene
Concen: 1.941 ug/L
RT: 10.542 min Scan# 2955
Delta R.T. 0.003 min
Lab File: VV023088.D
Acq: 28 Oct 2021 20:53

Tgt Ion:105 Resp: 13532
Ion Ratio Lower Upper
105 100
120 49.8 39.6 59.4



#63
1,2,4-Trimethylbenzene
Concen: 2.077 ug/L
RT: 10.918 min Scan# 3072
Delta R.T. 0.003 min
Lab File: VV023088.D
Acq: 28 Oct 2021 20:53

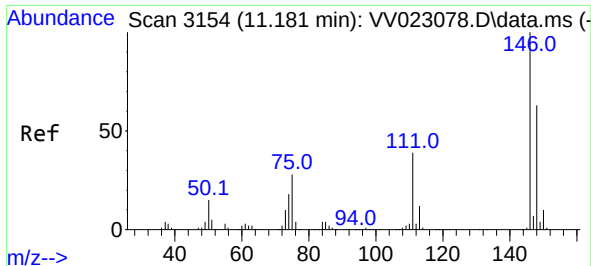
Tgt Ion:105 Resp: 14534
Ion Ratio Lower Upper
105 100
120 46.1 37.1 55.7



Instrument :
MSVOA_V
ClientSampled :
MDL01

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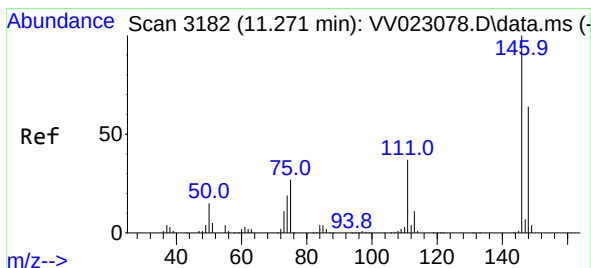
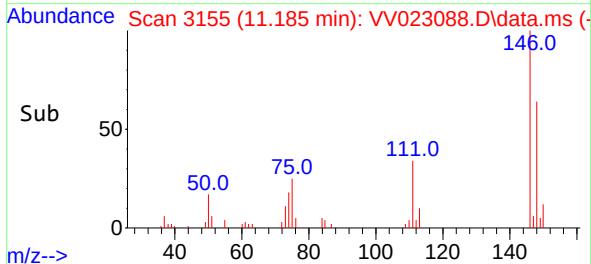
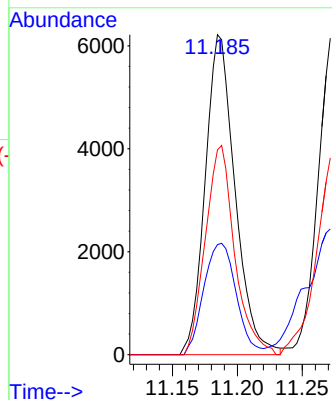
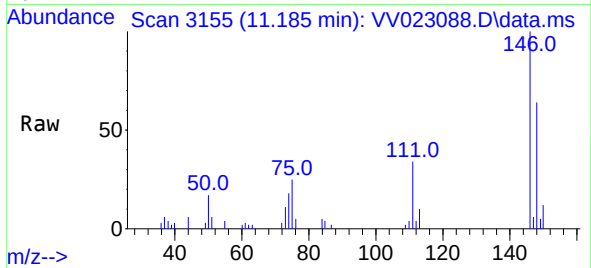
#64
1,3-Dichlorobenzene
Concen: 2.321 ug/L
RT: 11.185 min Scan# 3155
Delta R.T. 0.003 min
Lab File: VV023088.D
Acq: 28 Oct 2021 20:53

Tgt Ion:146 Resp: 9931
Ion Ratio Lower Upper
146 100
111 34.4 27.3 50.7
148 64.0 44.2 82.0

Instrument :
MSVOA_V
ClientSampled :
MDL01

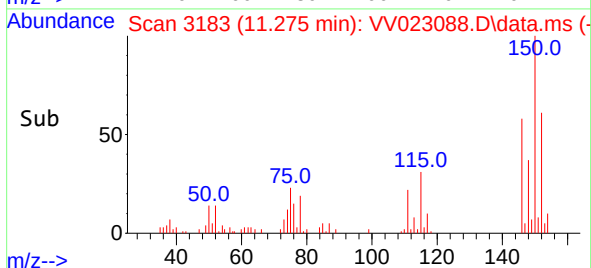
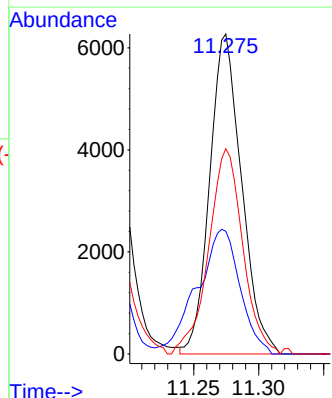
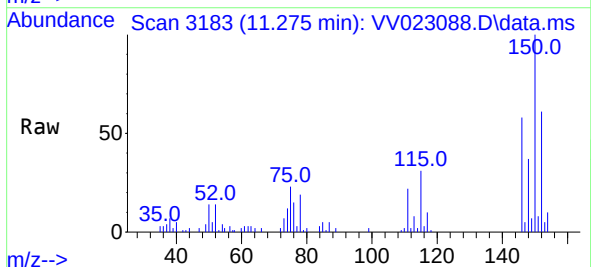
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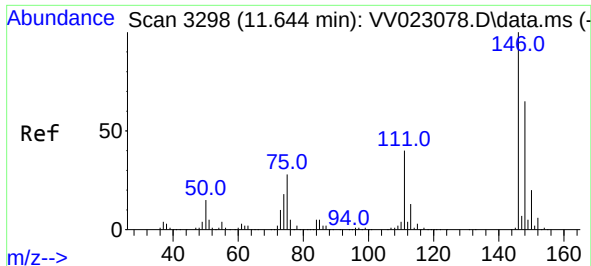
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#65
1,4-Dichlorobenzene
Concen: 2.399 ug/L
RT: 11.275 min Scan# 3183
Delta R.T. 0.003 min
Lab File: VV023088.D
Acq: 28 Oct 2021 20:53

Tgt Ion:146 Resp: 10692
Ion Ratio Lower Upper
146 100
111 38.3 26.0 48.2
148 64.1 44.7 82.9



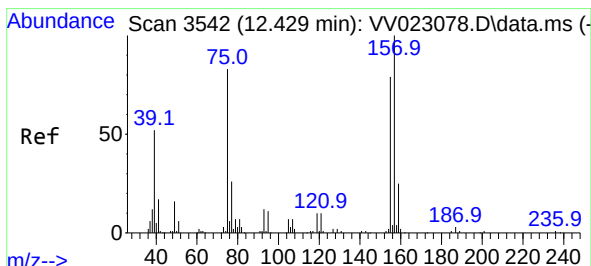
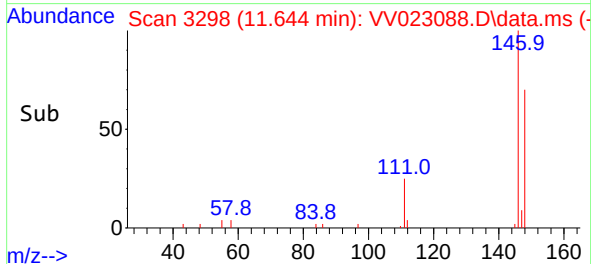
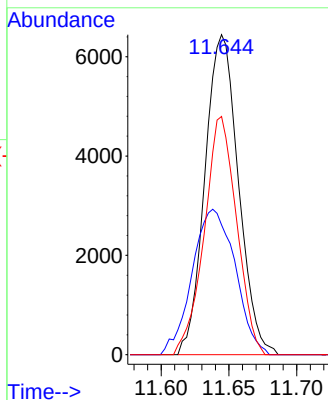
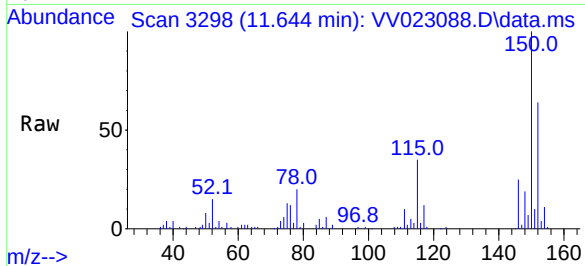


#67
1,2-Dichlorobenzene
Concen: 2.565 ug/L
RT: 11.644 min Scan# 3298
Delta R.T. 0.000 min
Lab File: VV023088.D
Acq: 28 Oct 2021 20:53

Tgt Ion: 146 Resp: 11097
Ion Ratio Lower Upper
146 100
111 40.6 32.2 48.2
148 74.4 51.8 77.8

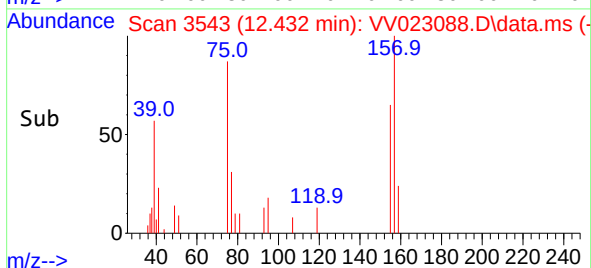
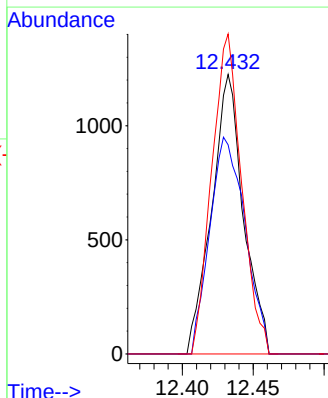
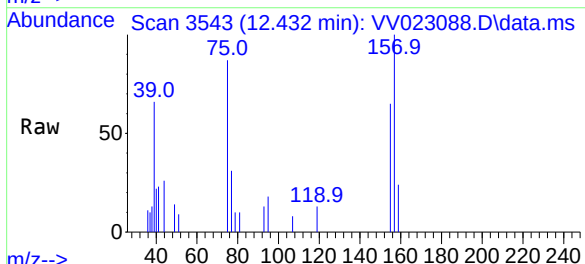
Instrument :
MSVOA_V
ClientSampled :
MDL01

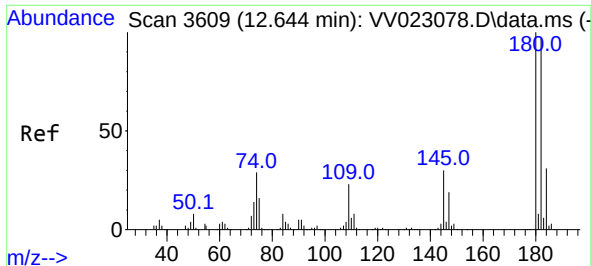
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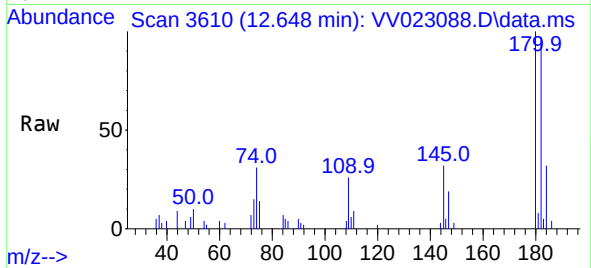
#68
1,2-Dibromo-3-chloropropane
Concen: 2.759 ug/L
RT: 12.432 min Scan# 3543
Delta R.T. 0.003 min
Lab File: VV023088.D
Acq: 28 Oct 2021 20:53

Tgt Ion: 75 Resp: 1912
Ion Ratio Lower Upper
75 100
155 74.8 75.7 113.5#
157 114.4 96.4 144.6

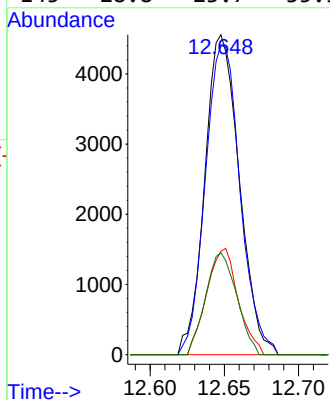




#69
1,3,5-Trichlorobenzene
Concen: 2.278 ug/L
RT: 12.648 min Scan# 3610
Delta R.T. 0.003 min
Lab File: VV023088.D
Acq: 28 Oct 2021 20:53



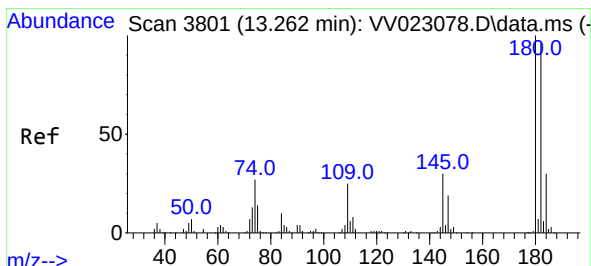
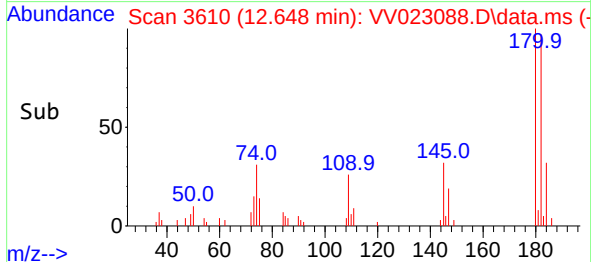
Tgt Ion:180 Resp: 7373
Ion Ratio Lower Upper
180 100
182 97.6 76.6 115.0
184 30.3 24.6 36.8
145 28.8 23.7 35.5



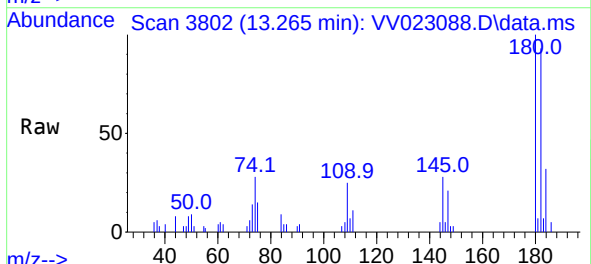
Instrument :
MSVOA_V
ClientSampled :
MDL01

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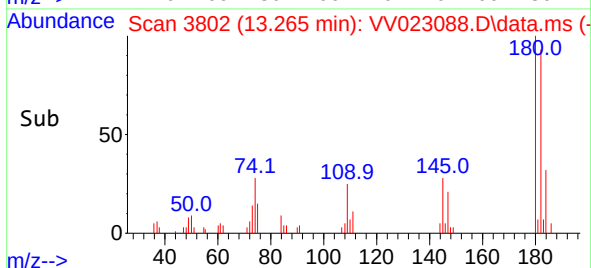
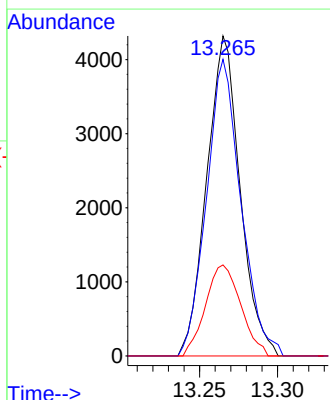
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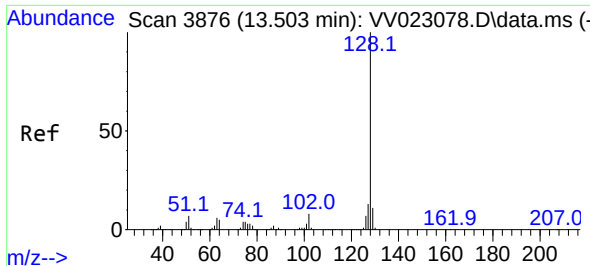


#70
1,2,4-trichlorobenzene
Concen: 2.289 ug/L
RT: 13.265 min Scan# 3802
Delta R.T. 0.003 min
Lab File: VV023088.D
Acq: 28 Oct 2021 20:53



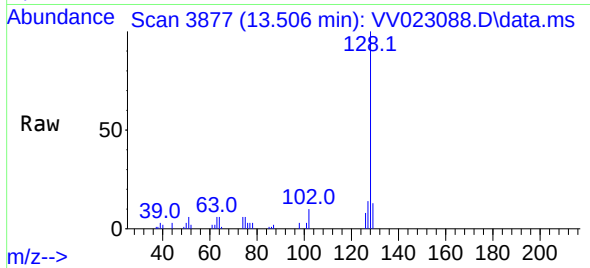
Tgt Ion:180 Resp: 6421
Ion Ratio Lower Upper
180 100
182 95.5 77.2 115.8
145 30.1 23.8 35.6





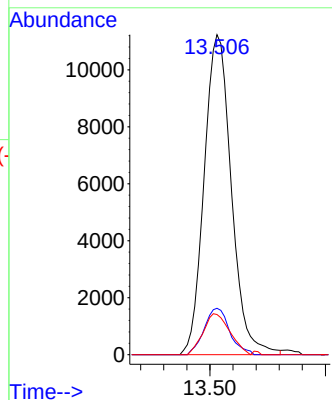
#71
Naphthalene
Concen: 2.043 ug/L
RT: 13.506 min Scan# 3877
Delta R.T. 0.003 min
Lab File: VV023088.D
Acq: 28 Oct 2021 20:53

Instrument :
MSVOA_V
ClientSampled :
MDL01

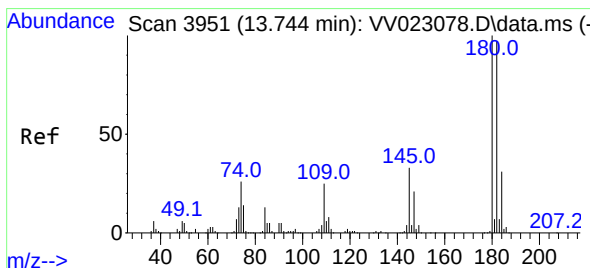


Tgt Ion:	128	Resp:	18395
Ion Ratio	100	Lower	Upper
127	13.6	10.3	15.5
129	12.5	8.7	13.1

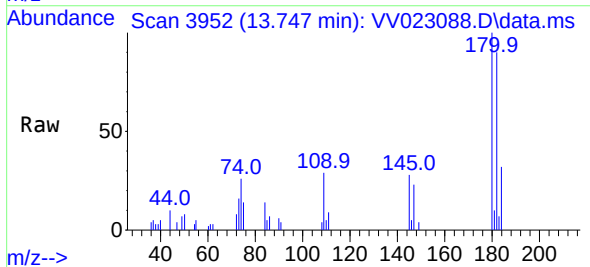
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#72
1,2,3-Trichlorobenzene
Concen: 2.192 ug/L
RT: 13.747 min Scan# 3952
Delta R.T. 0.003 min
Lab File: VV023088.D
Acq: 28 Oct 2021 20:53



Tgt Ion:	180	Resp:	6499
Ion Ratio	100	Lower	Upper
182	95.4	77.0	115.4
145	31.5	26.4	39.6

