

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW102821\
 Data File : VW023089.D
 Acq On : 28 Oct 2021 21:17
 Operator : SY/MD
 Sample : MDL02
 Misc : 5.00g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 MDL02

Manual Integrations
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SAM
 11/1/2021 6:35:51 PM

Quant Time: Oct 29 02:17:07 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

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	263108	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	260010	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.252	152	129468	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	82729	45.625	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	91.240%		
7) Chloroethane-d5	1.568	69	66906	47.307	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	94.620%		
11) 1,1-Dichloroethene-d2	2.108	63	120482	35.077	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	70.160%		
21) 2-Butanone-d5	3.879	46	151993	111.881	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	111.880%		
24) Chloroform-d	4.352	84	178993	46.950	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	93.900%		
26) 1,2-Dichloroethane-d4	5.034	65	115213	51.057	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	102.120%		
32) Benzene-d6	5.053	84	355380	49.895	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	99.780%		
36) 1,2-Dichloropropane-d6	6.072	67	113936	50.250	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	100.500%		
41) Toluene-d8	7.317	98	314276	48.363	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	96.720%		
43) trans-1,3-Dichloroprop...	7.622	79	52462	48.274	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	96.540%		
47) 2-Hexanone-d5	8.088	63	108532	110.207	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	110.210%		
56) 1,1,2,2-Tetrachloroeth...	10.217	84	165587	49.966	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	99.940%		
66) 1,2-Dichlorobenzene-d4	11.625	152	129030	51.666	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	103.340%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.130	85	5572	2.228	ug/L	99
3) Chloromethane	1.240	50	5463	2.316	ug/L	100
5) Vinyl chloride	1.310	62	5671	2.406	ug/L #	77
6) Bromomethane	1.523	94	3185	2.405	ug/L	100
8) Chloroethane	1.584	64	3352	2.336	ug/L	96
9) Trichlorofluoromethane	1.754	101	7878	2.202	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	5287	2.784	ug/L #	81
12) 1,1-Dichloroethene	2.117	96	5058	2.870	ug/L #	1
13) Acetone	2.172	43	5757	4.275	ug/L #	75
14) Carbon disulfide	2.297	76	12494	2.371	ug/L	98
15) Methyl Acetate	2.439	43	6230	2.787	ug/L	92
16) Methylene chloride	2.510	84	5953	2.637	ug/L	97
17) trans-1,2-Dichloroethene	2.764	96	4515	2.245	ug/L	94
18) Methyl tert-butyl Ether	2.770	73	13809	2.286	ug/L	98
19) 1,1-Dichloroethane	3.195	63	8816	2.353	ug/L	97
20) cis-1,2-Dichloroethene	3.921	96	4859	2.260	ug/L	99
22) 2-Butanone	3.998	43	7226m	4.708	ug/L	
23) Bromochloromethane	4.256	128	2826	2.332	ug/L	83
25) Chloroform	4.378	83	10050	2.608	ug/L	91

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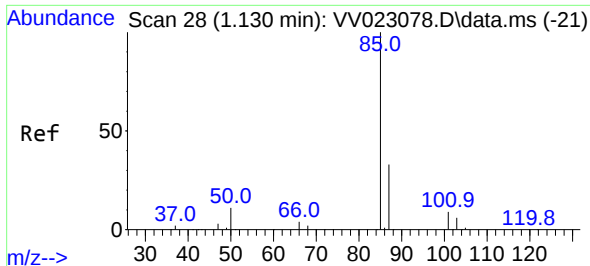
Manual Integrations
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Quant Time: Oct 29 02:17:07 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM102821WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Oct 29 01:52:27 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.140	62	6366	2.201	ug/L	97
29) Cyclohexane	4.683	56	6209	2.046	ug/L #	84
30) 1,1,1-Trichloroethane	4.609	97	7822	2.258	ug/L	97
31) Carbon tetrachloride	4.831	117	6557	2.106	ug/L	90
33) Benzene	5.104	78	19084	2.356	ug/L	100
34) Trichloroethene	5.921	95	4768	2.253	ug/L	95
35) Methylcyclohexane	6.133	83	7008	2.125	ug/L	94
37) 1,2-Dichloropropane	6.182	63	5154m	2.421	ug/L	
38) Bromodichloromethane	6.516	83	6583	2.285	ug/L	96
39) cis-1,3-Dichloropropene	7.037	75	7547m	2.338	ug/L	
40) 4-Methyl-2-pentanone	7.233	43	11557	4.209	ug/L	98
42) Toluene	7.394	91	24342	2.808	ug/L	96
44) trans-1,3-Dichloropropene	7.657	75	7313	2.336	ug/L	98
45) 1,1,2-Trichloroethane	7.847	97	5194	2.390	ug/L	96
46) Tetrachloroethene	7.979	164	4036	2.212	ug/L	94
48) 2-Hexanone	8.149	43	10829	4.968	ug/L #	95
49) Dibromochloromethane	8.252	129	5863	2.361	ug/L	91
50) 1,2-Dibromoethane	8.362	107	5427	2.371	ug/L #	98
51) Chlorobenzene	8.882	112	13918	2.377	ug/L	100
52) Ethylbenzene	9.017	91	18282	1.982	ug/L	98
53) m,p-Xylene	9.143	106	7204	2.026	ug/L	95
54) o-Xylene	9.548	106	6717	1.941	ug/L	99
55) Styrene	9.570	104	11008	1.830	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.242	83	9066	2.616	ug/L #	97
59) Bromoform	9.734	173	4378	2.673	ug/L #	97
60) Isopropylbenzene	9.934	105	16967	2.051	ug/L	98
61) 1,2,3-Trichloropropane	10.278	75	6548	2.699	ug/L	95
62) 1,3,5-Trimethylbenzene	10.541	105	14082	2.067	ug/L	95
63) 1,2,4-Trimethylbenzene	10.918	105	13363	1.954	ug/L	96
64) 1,3-Dichlorobenzene	11.185	146	9765	2.335	ug/L	94
65) 1,4-Dichlorobenzene	11.275	146	10286	2.362	ug/L	95
67) 1,2-Dichlorobenzene	11.644	146	10747	2.542	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.432	75	1832	2.705	ug/L	96
69) 1,3,5-Trichlorobenzene	12.651	180	7317	2.314	ug/L	96
70) 1,2,4-trichlorobenzene	13.265	180	6118	2.232	ug/L	100
71) Naphthalene	13.506	128	18648	2.119	ug/L	97
72) 1,2,3-Trichlorobenzene	13.747	180	6331	2.185	ug/L	96

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



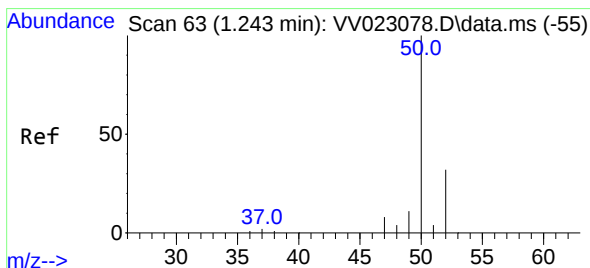
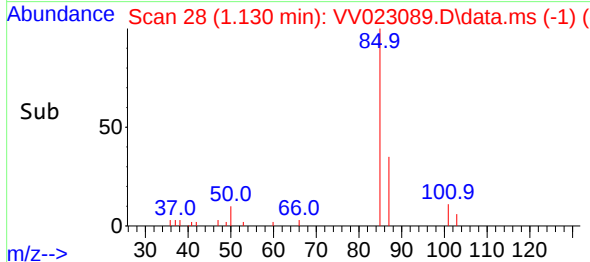
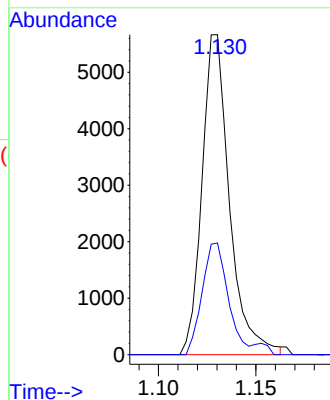
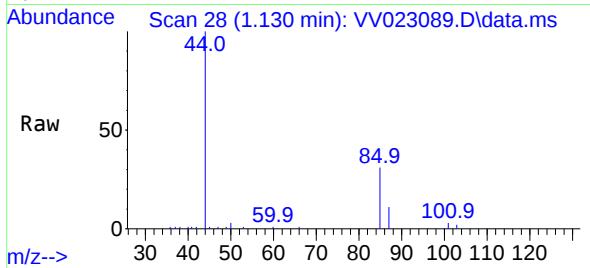
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 Dichlorodifluoromethane
 Concen: 2.228 ug/L
 RT: 1.130 min Scan# 28
 Delta R.T. -0.000 min
 Lab File: VV023089.D
 Acq: 28 Oct 2021 21:17

Tgt Ion: 85 Resp: 5572
 Ion Ratio Lower Upper
 85 100
 87 33.0 26.2 39.2

Instrument :
 MSVOA_V
 ClientSampled :
 MDL02

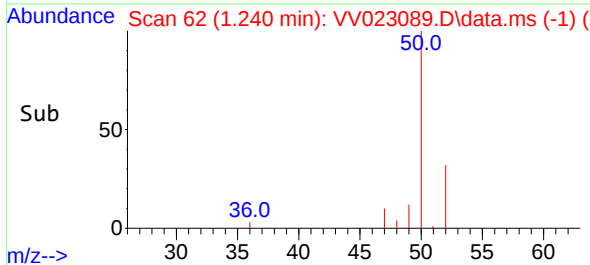
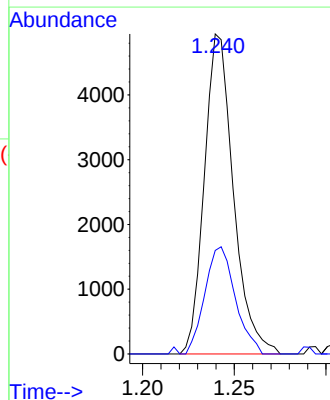
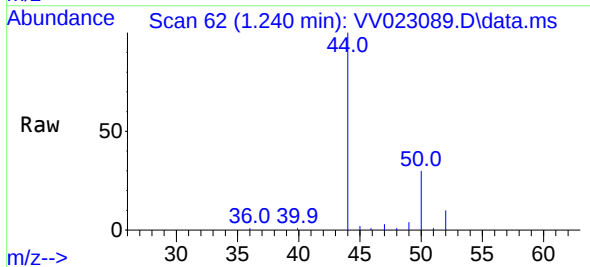
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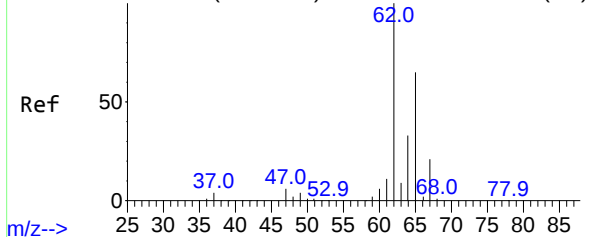


#3
 Chloromethane
 Concen: 2.316 ug/L
 RT: 1.240 min Scan# 62
 Delta R.T. -0.003 min
 Lab File: VV023089.D
 Acq: 28 Oct 2021 21:17

Tgt Ion: 50 Resp: 5463
 Ion Ratio Lower Upper
 50 100
 52 32.4 22.5 41.9



Abundance Scan 84 (1.310 min): VV023078.D\data.ms (-77)



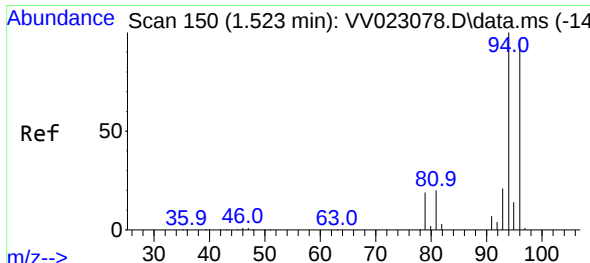
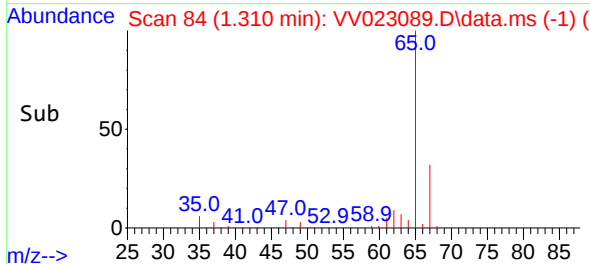
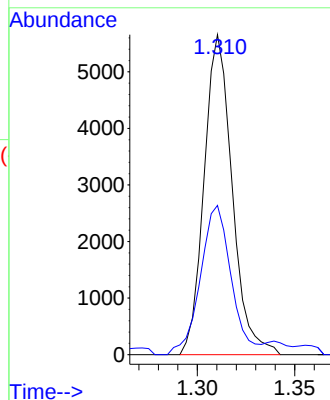
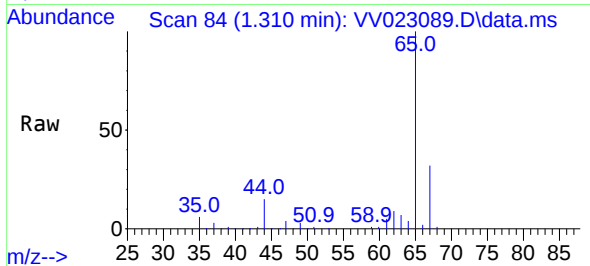
#5
Vinyl chloride
Concen: 2.406 ug/L
RT: 1.310 min Scan# 84
Delta R.T. -0.000 min
Lab File: VV023089.D
Acq: 28 Oct 2021 21:17

Tgt Ion: 62 Resp: 5671
Ion Ratio Lower Upper
62 100
64 46.7 23.4 43.4#

Instrument :
MSVOA_V
ClientSampleId :
MDL02

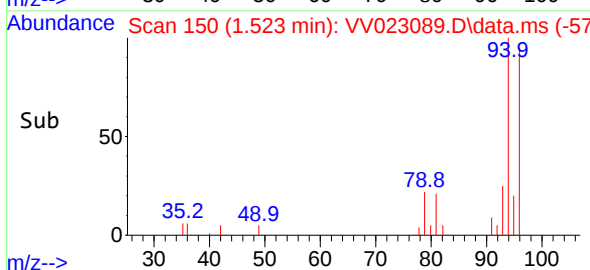
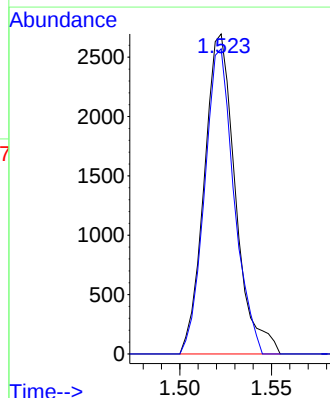
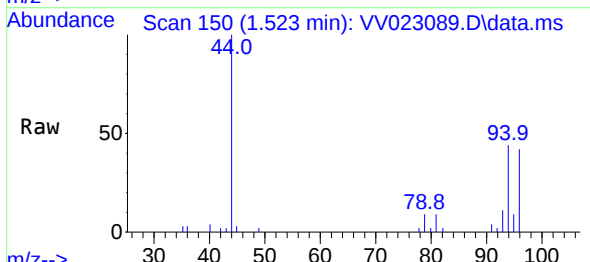
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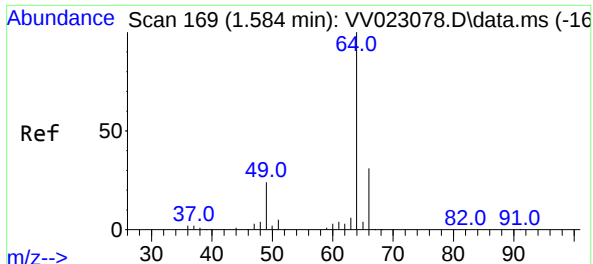
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#6
Bromomethane
Concen: 2.405 ug/L
RT: 1.523 min Scan# 150
Delta R.T. -0.000 min
Lab File: VV023089.D
Acq: 28 Oct 2021 21:17

Tgt Ion: 94 Resp: 3185
Ion Ratio Lower Upper
94 100
96 95.3 66.8 124.2





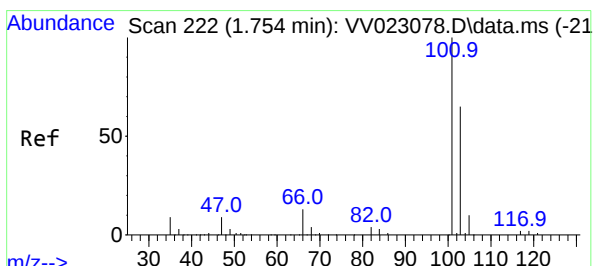
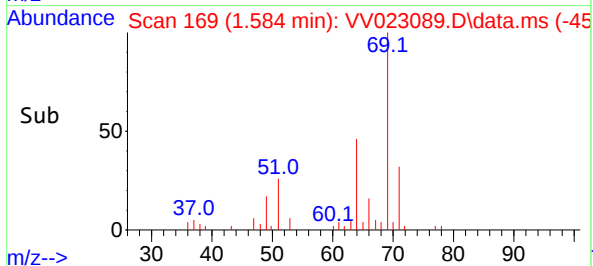
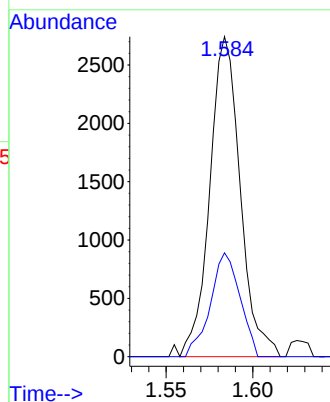
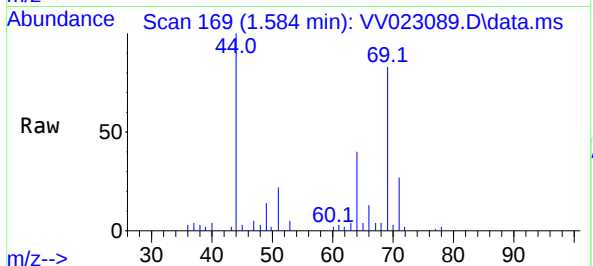
#8
Chloroethane
Concen: 2.336 ug/L
RT: 1.584 min Scan# 169
Delta R.T. -0.000 min
Lab File: VV023089.D
Acq: 28 Oct 2021 21:17

Instrument :
MSVOA_V
ClientSampled :
MDL02

Tgt Ion: 64 Resp: 3352
Ion Ratio Lower Upper
64 100
66 32.4 21.3 39.6

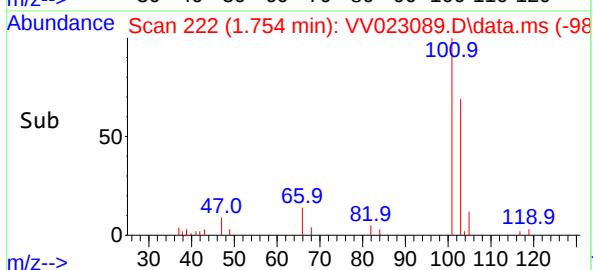
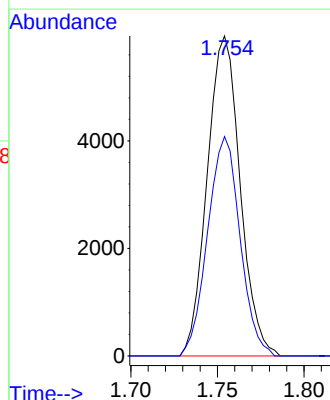
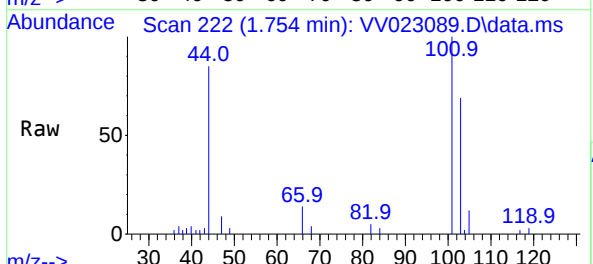
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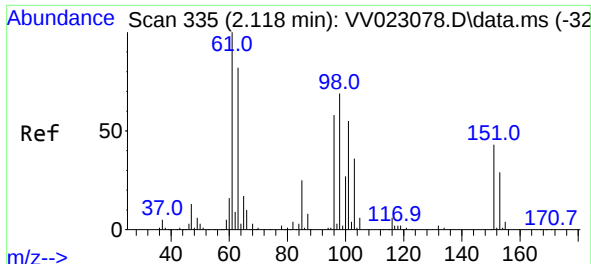
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#9
Trichlorofluoromethane
Concen: 2.202 ug/L
RT: 1.754 min Scan# 222
Delta R.T. -0.000 min
Lab File: VV023089.D
Acq: 28 Oct 2021 21:17

Tgt Ion: 101 Resp: 7878
Ion Ratio Lower Upper
101 100
103 67.4 52.2 78.2





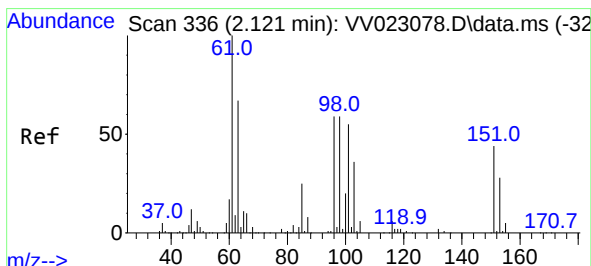
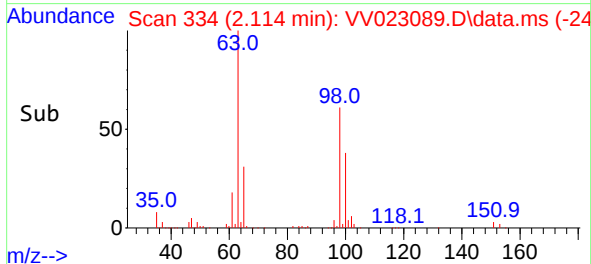
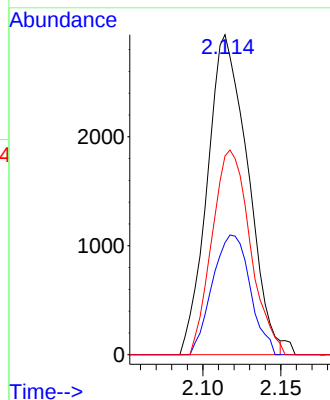
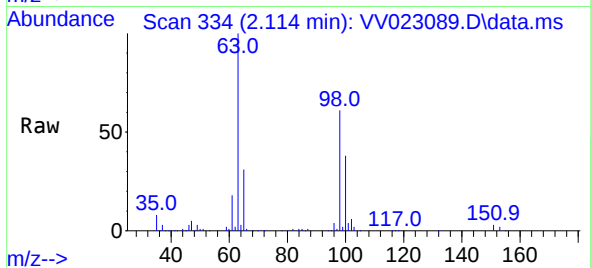
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1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 2.784 ug/L
RT: 2.114 min Scan# 334
Delta R.T. -0.003 min
Lab File: VV023089.D
Acq: 28 Oct 2021 21:17

Instrument :
MSVOA_V
ClientSampled :
MDL02

Tgt Ion:101 Resp: 5287
Ion Ratio Lower Upper
101 100
85 35.0 35.1 52.7#
151 60.5 63.4 95.2#

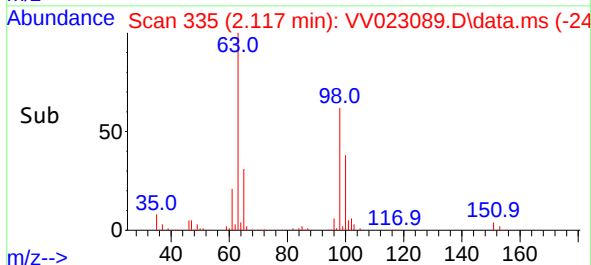
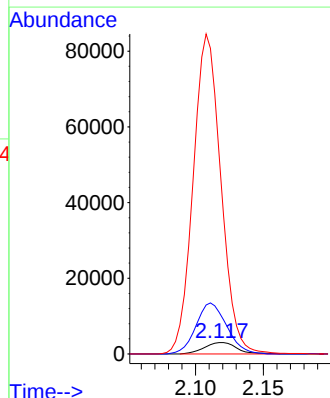
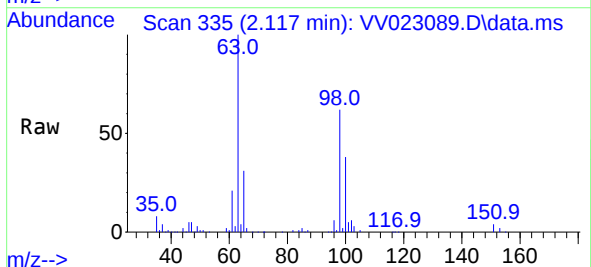
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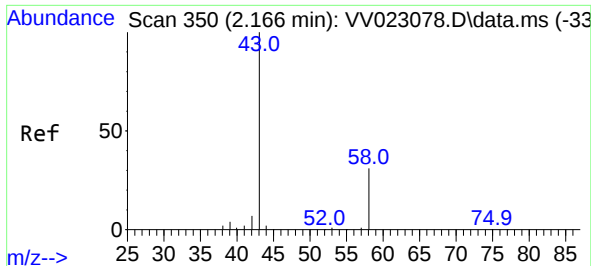
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#12
1,1-Dichloroethene
Concen: 2.870 ug/L
RT: 2.117 min Scan# 335
Delta R.T. -0.003 min
Lab File: VV023089.D
Acq: 28 Oct 2021 21:17

Tgt Ion: 96 Resp: 5058
Ion Ratio Lower Upper
96 100
61 367.5 117.7 218.7#
63 1753.8 79.2 147.2#





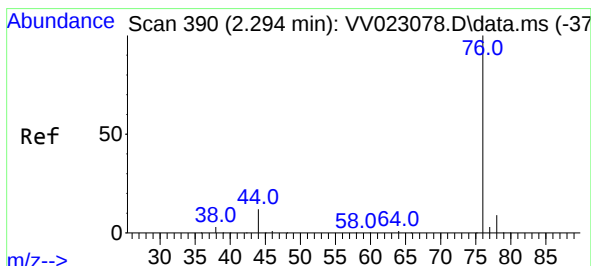
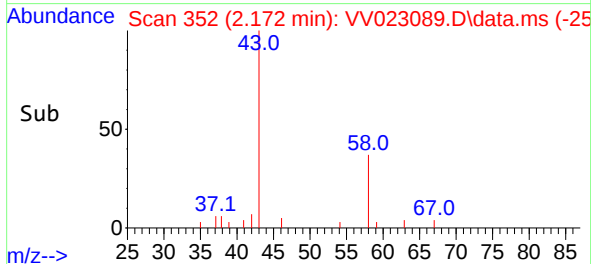
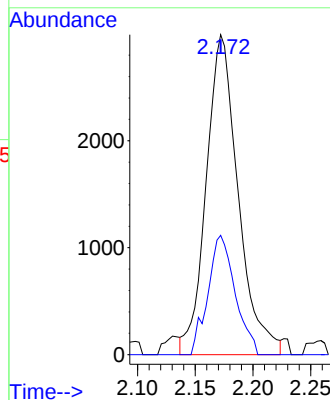
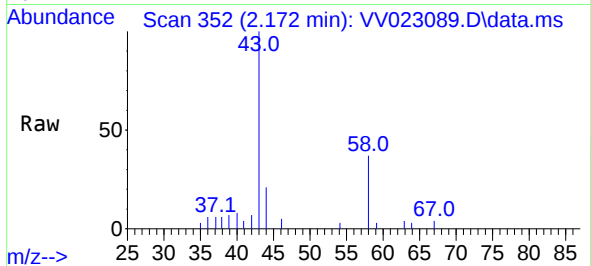
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Acetone
Concen: 4.275 ug/L
RT: 2.172 min Scan# 352
Delta R.T. 0.006 min
Lab File: VV023089.D
Acq: 28 Oct 2021 21:17

Instrument :
MSVOA_V
ClientSampled :
MDL02

Tgt Ion: 43 Resp: 5757
Ion Ratio Lower Upper
43 100
58 31.7 0.0 0.4#

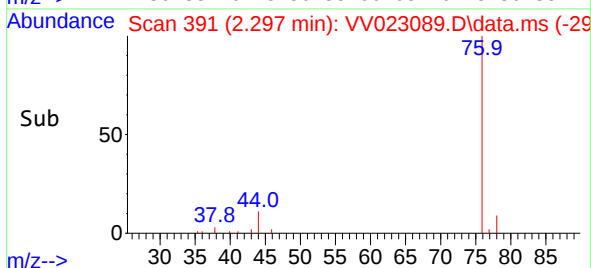
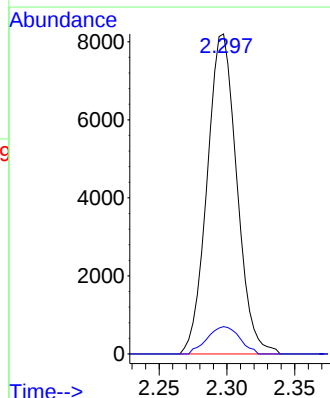
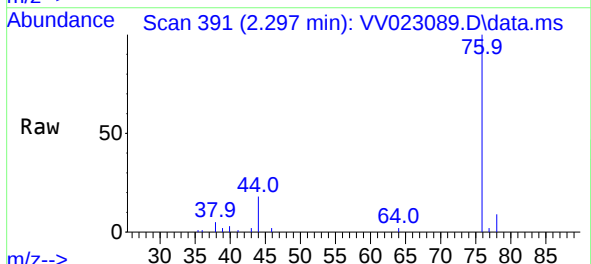
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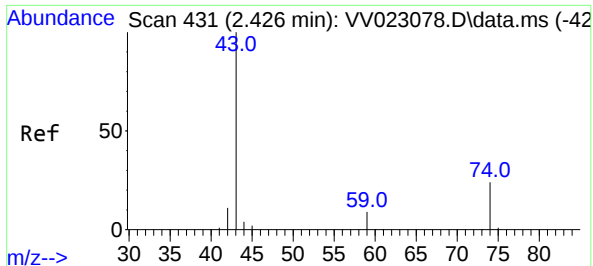
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#14
Carbon disulfide
Concen: 2.371 ug/L
RT: 2.297 min Scan# 391
Delta R.T. 0.003 min
Lab File: VV023089.D
Acq: 28 Oct 2021 21:17

Tgt Ion: 76 Resp: 12494
Ion Ratio Lower Upper
76 100
78 8.5 7.4 11.0





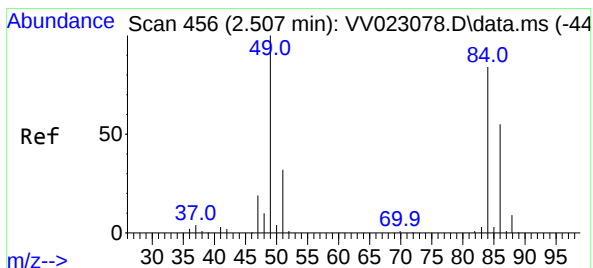
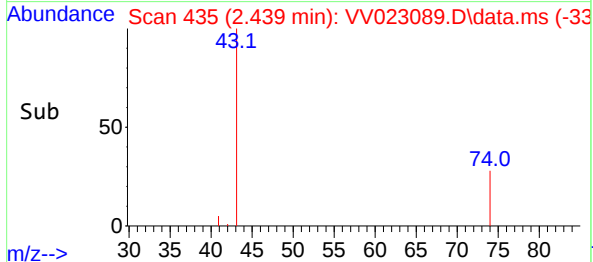
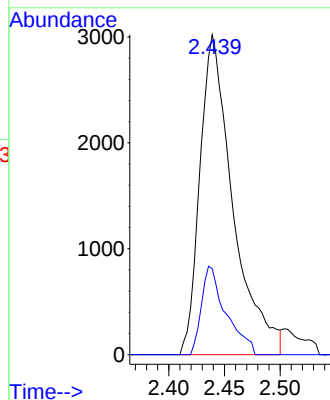
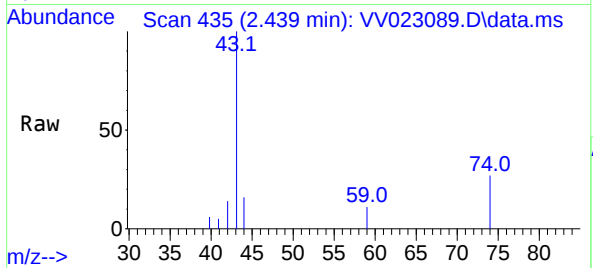
#15
Methyl Acetate
Concen: 2.787 ug/L
RT: 2.439 min Scan# 435
Delta R.T. 0.013 min
Lab File: VV023089.D
Acq: 28 Oct 2021 21:17

Tgt Ion: 43 Resp: 6230
Ion Ratio Lower Upper
43 100
74 20.4 19.4 29.2

Instrument :
MSVOA_V
ClientSampleId :
MDL02

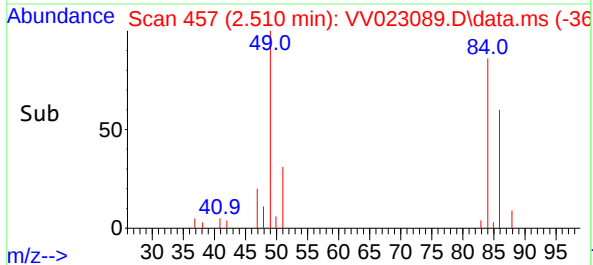
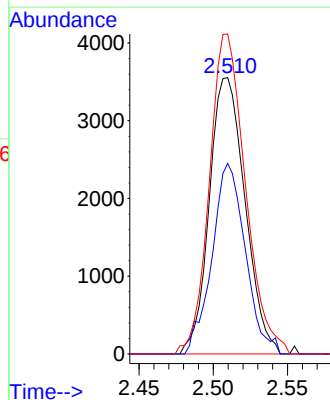
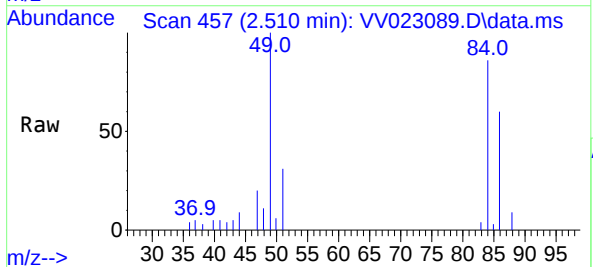
Manual Integrations
APPROVED

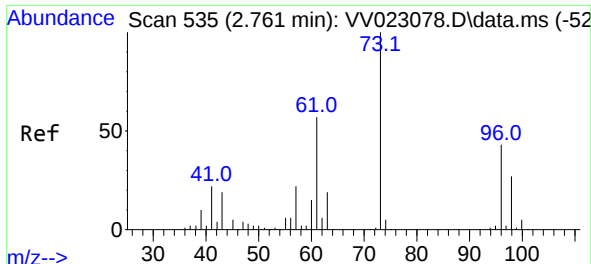
SAM
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#16
Methylene chloride
Concen: 2.637 ug/L
RT: 2.510 min Scan# 457
Delta R.T. 0.003 min
Lab File: VV023089.D
Acq: 28 Oct 2021 21:17

Tgt Ion: 84 Resp: 5953
Ion Ratio Lower Upper
84 100
86 69.0 45.4 84.2
49 115.8 83.0 154.1





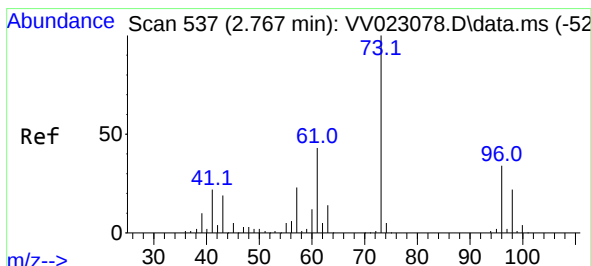
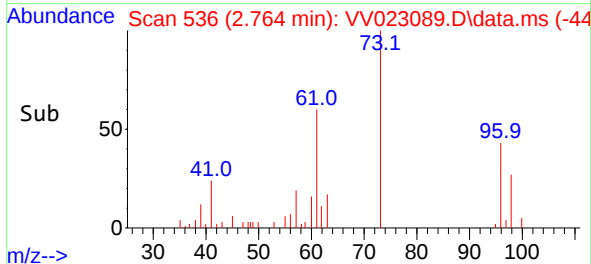
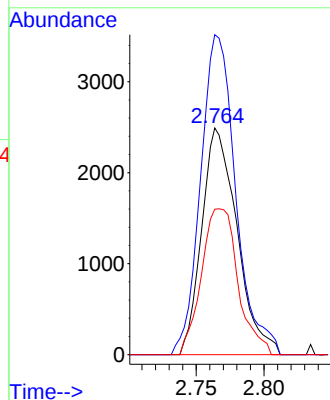
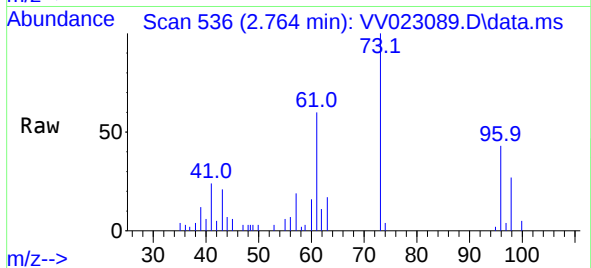
#17
trans-1,2-Dichloroethene
Concen: 2.245 ug/L
RT: 2.764 min Scan# 536
Delta R.T. 0.003 min
Lab File: VV023089.D
Acq: 28 Oct 2021 21:17

Tgt Ion: 96 Resp: 4515
Ion Ratio Lower Upper
96 100
61 141.1 92.2 171.2
98 64.1 44.1 81.9

Instrument :
MSVOA_V
ClientSampled :
MDL02

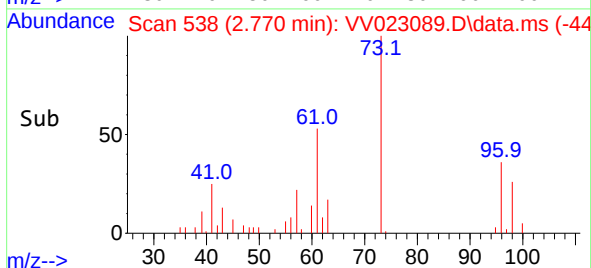
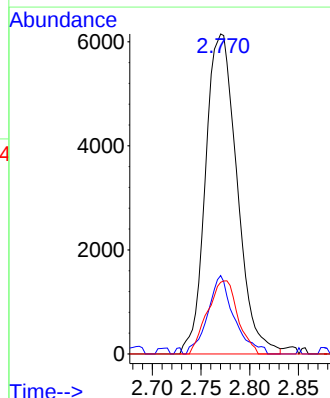
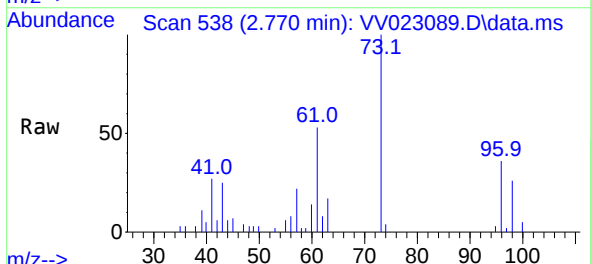
Manual Integrations
APPROVED

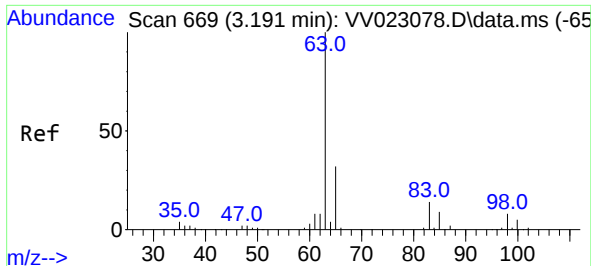
SAM
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#18
Methyl tert-butyl Ether
Concen: 2.286 ug/L
RT: 2.770 min Scan# 538
Delta R.T. 0.003 min
Lab File: VV023089.D
Acq: 28 Oct 2021 21:17

Tgt Ion: 73 Resp: 13809
Ion Ratio Lower Upper
73 100
43 20.1 14.9 22.3
57 21.8 17.6 26.4





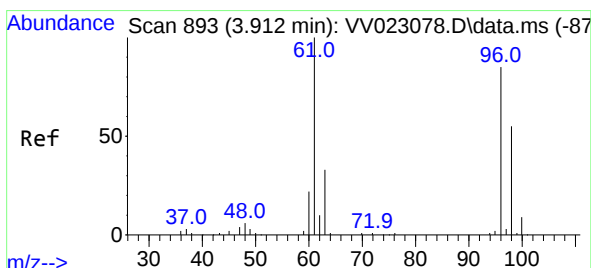
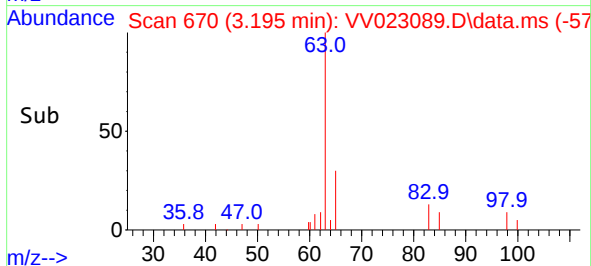
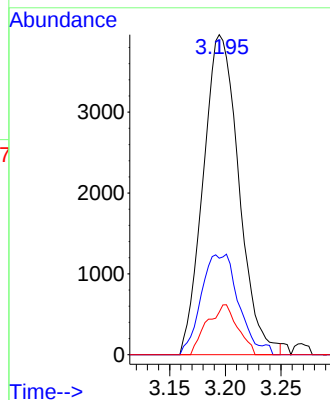
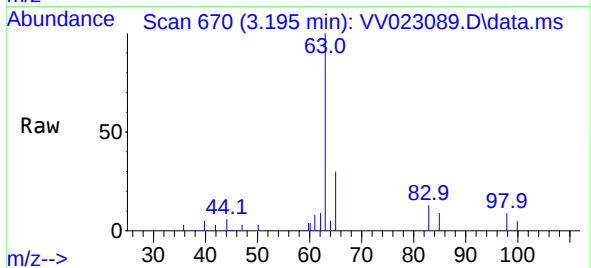
#19
1,1-Dichloroethane
Concen: 2.353 ug/L
RT: 3.195 min Scan# 670
Delta R.T. 0.003 min
Lab File: VV023089.D
Acq: 28 Oct 2021 21:17

Tgt Ion:	63	Resp:	8816
Ion	Ratio	Lower	Upper
63	100		
65	30.1	22.3	41.5
83	13.3	9.8	18.2

Instrument :
MSVOA_V
ClientSampleId :
MDL02

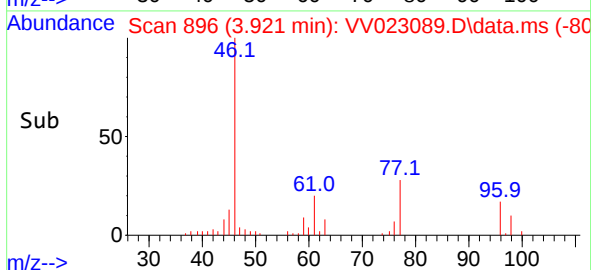
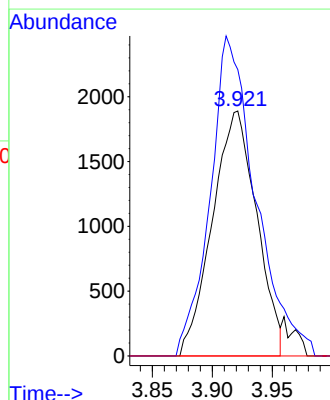
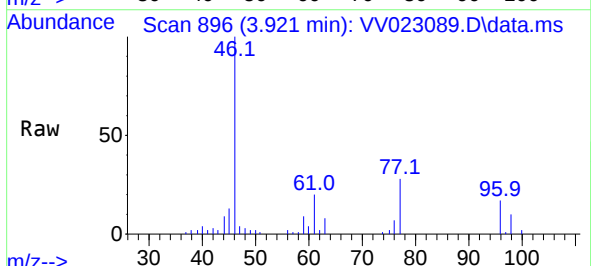
Manual Integrations
APPROVED

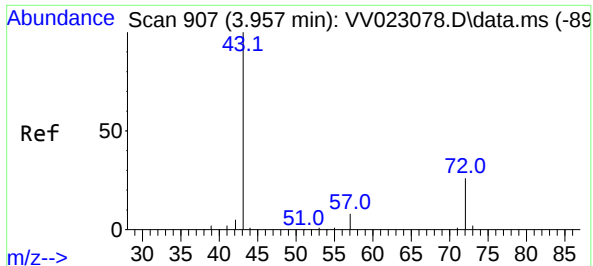
SAM
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#20
cis-1,2-Dichloroethene
Concen: 2.260 ug/L
RT: 3.921 min Scan# 896
Delta R.T. 0.010 min
Lab File: VV023089.D
Acq: 28 Oct 2021 21:17

Tgt Ion:	96	Resp:	4859
Ion	Ratio	Lower	Upper
96	100		
61	116.9	83.0	154.1
68	0.0	0.0	0.0





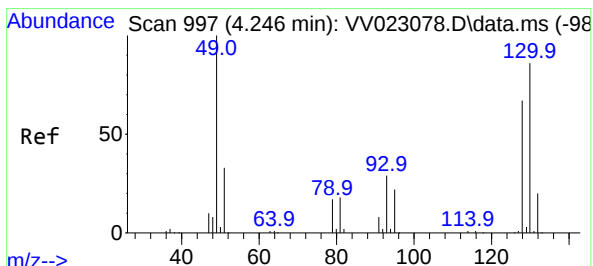
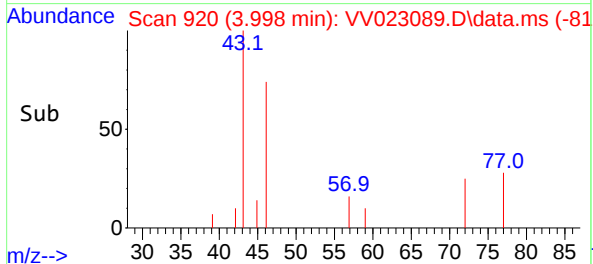
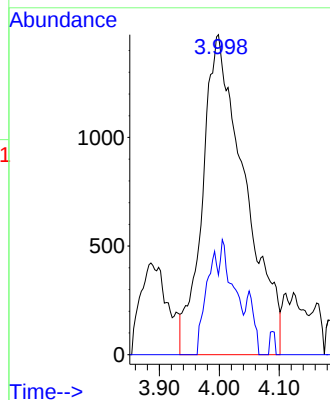
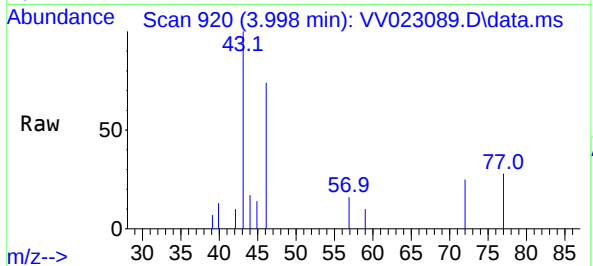
#22
2-Butanone
Concen: 4.708 ug/L m
RT: 3.998 min Scan# 920
Delta R.T. 0.042 min
Lab File: VV023089.D
Acq: 28 Oct 2021 21:17

Tgt Ion: 43 Resp: 7226
Ion Ratio Lower Upper
43 100
72 9.4 13.4 40.1#

Instrument :
MSVOA_V
ClientSampled :
MDL02

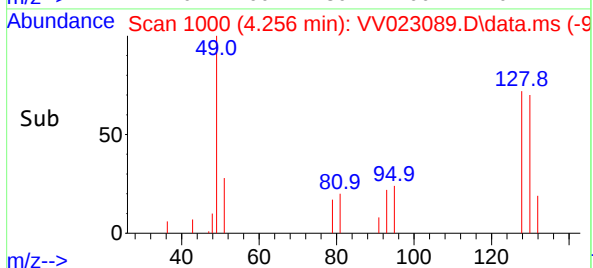
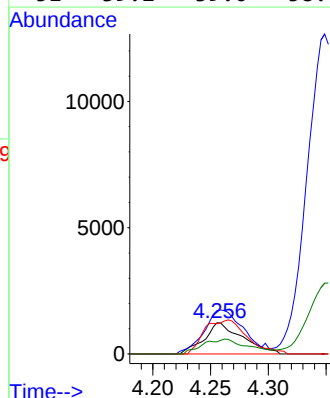
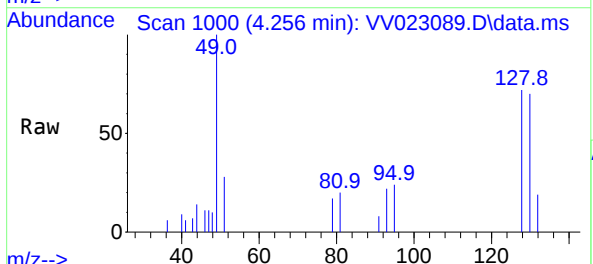
Manual Integrations
APPROVED

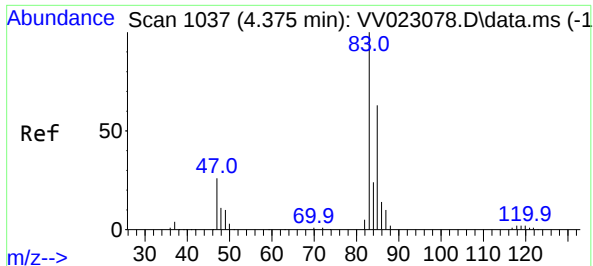
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#23
Bromochloromethane
Concen: 2.332 ug/L
RT: 4.256 min Scan# 1000
Delta R.T. 0.010 min
Lab File: VV023089.D
Acq: 28 Oct 2021 21:17

Tgt Ion:128 Resp: 2826
Ion Ratio Lower Upper
128 100
49 138.8 104.7 194.4
130 96.9 89.7 166.7
51 39.2 39.0 58.4





#25

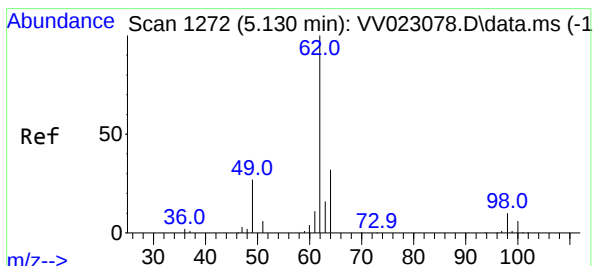
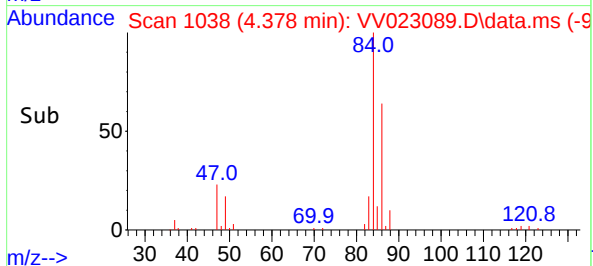
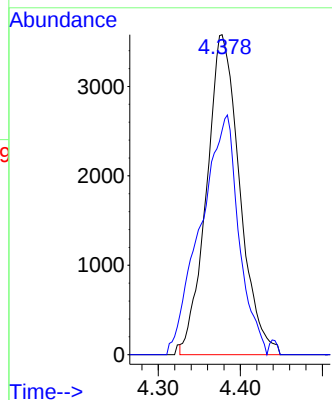
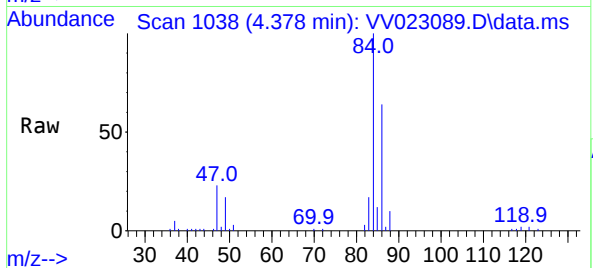
Chloroform
Concen: 2.608 ug/L
RT: 4.378 min Scan# 1038
Delta R.T. 0.003 min
Lab File: VV023089.D
Acq: 28 Oct 2021 21:17

Tgt Ion: 83 Resp: 10050
Ion Ratio Lower Upper
83 100
85 70.2 44.4 82.4

Instrument :
MSVOA_V
ClientSampled :
MDL02

Manual Integrations
APPROVED

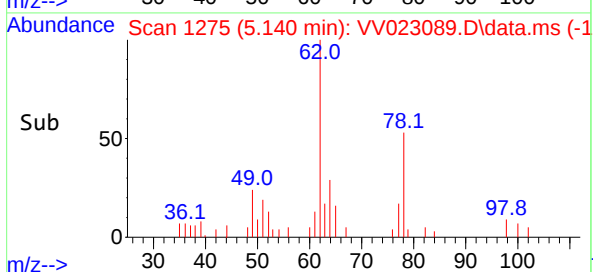
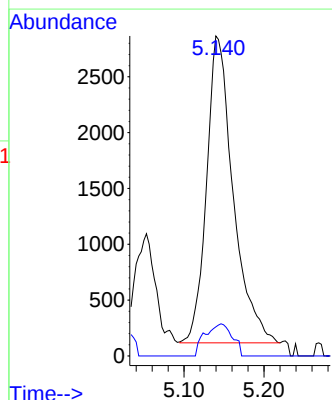
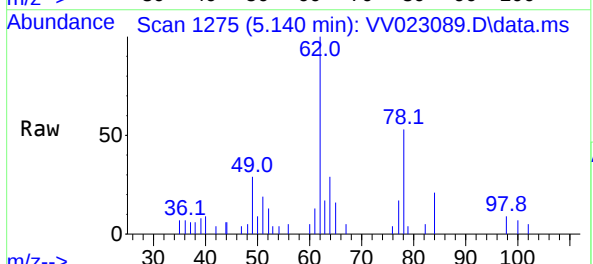
SAM
11/1/2021 6:35:51 PM

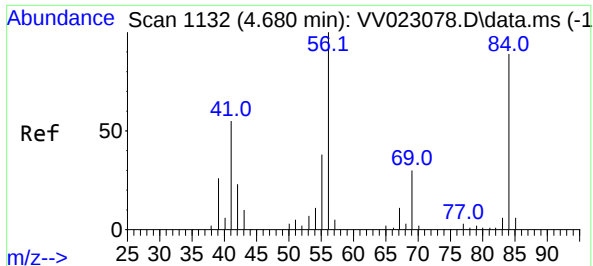


#27

1,2-Dichloroethane
Concen: 2.201 ug/L
RT: 5.140 min Scan# 1275
Delta R.T. 0.010 min
Lab File: VV023089.D
Acq: 28 Oct 2021 21:17

Tgt Ion: 62 Resp: 6366
Ion Ratio Lower Upper
62 100
98 9.1 8.2 12.4





#29

Cyclohexane

Concen: 2.046 ug/L

RT: 4.683 min Scan# 1133

Delta R.T. 0.003 min

Lab File: VV023089.D

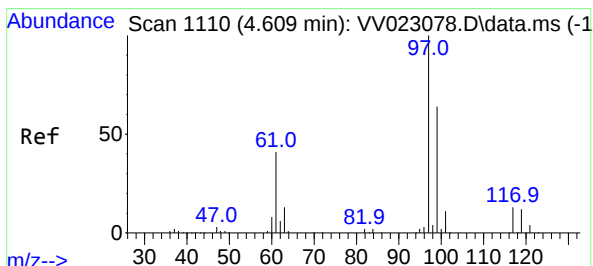
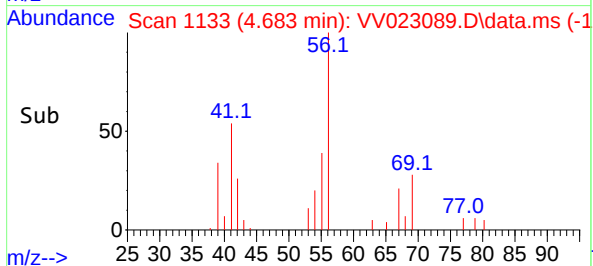
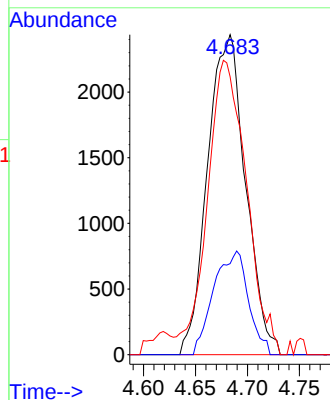
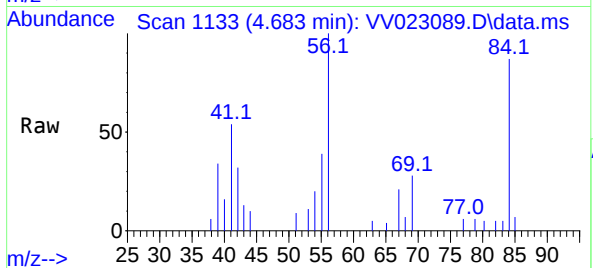
Acq: 28 Oct 2021 21:17

Tgt Ion:	56	Resp:	6209
Ion	Ratio	Lower	Upper
56	100		
69	13.2	24.6	36.8#
84	81.4	72.8	109.2

Instrument :
MSVOA_V
ClientSampled :
MDL02

Manual Integrations
APPROVED

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#30

1,1,1-Trichloroethane

Concen: 2.258 ug/L

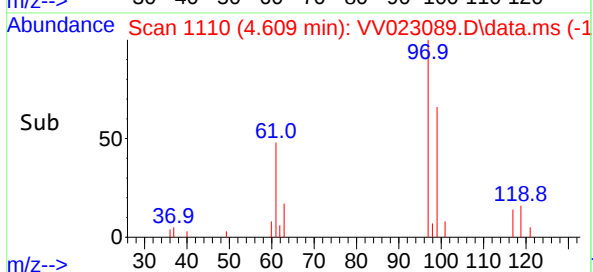
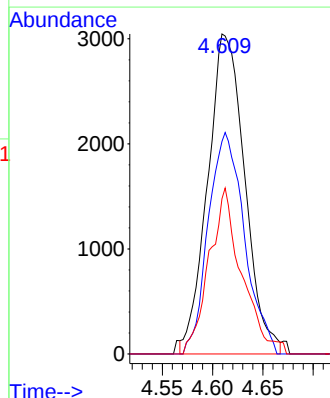
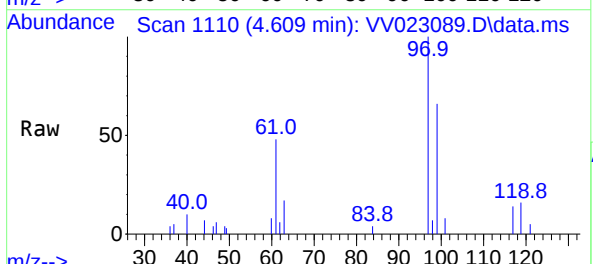
RT: 4.609 min Scan# 1110

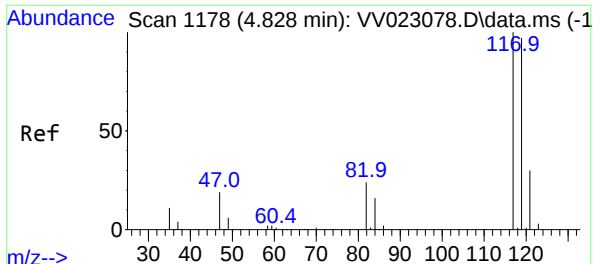
Delta R.T. -0.000 min

Lab File: VV023089.D

Acq: 28 Oct 2021 21:17

Tgt Ion:	97	Resp:	7822
Ion	Ratio	Lower	Upper
97	100		
99	67.5	51.9	77.9
61	44.6	33.8	50.6





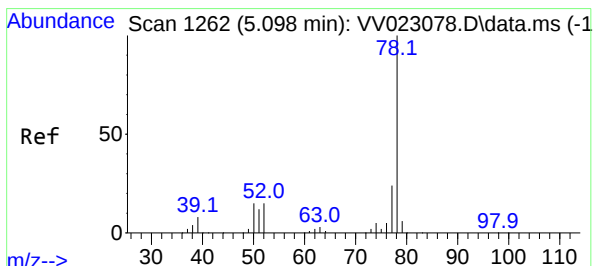
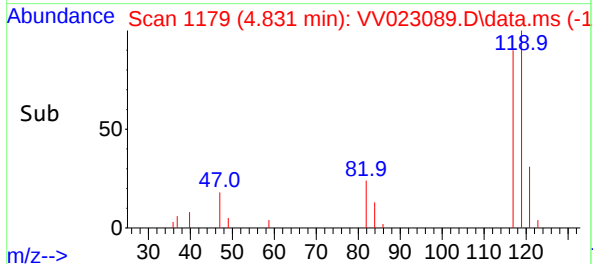
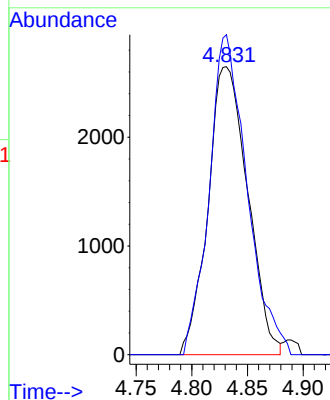
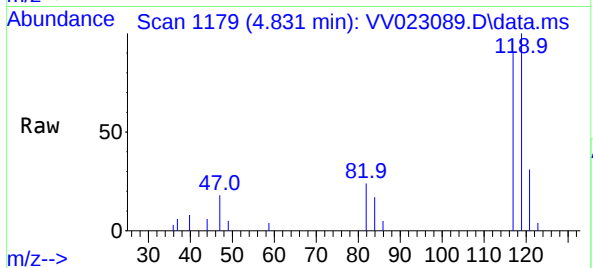
#31
Carbon tetrachloride
Concen: 2.106 ug/L
RT: 4.831 min Scan# 1179
Delta R.T. 0.003 min
Lab File: VV023089.D
Acq: 28 Oct 2021 21:17

Tgt Ion:117 Resp: 6557
Ion Ratio Lower Upper
117 100
119 105.8 77.0 115.4

Instrument :
MSVOA_V
ClientSampleId :
MDL02

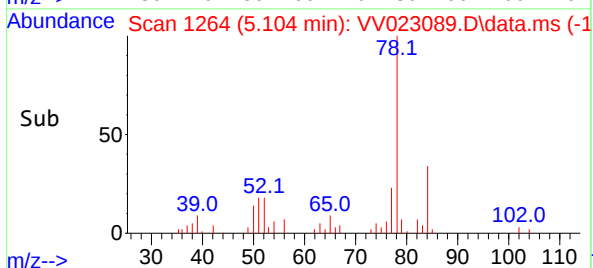
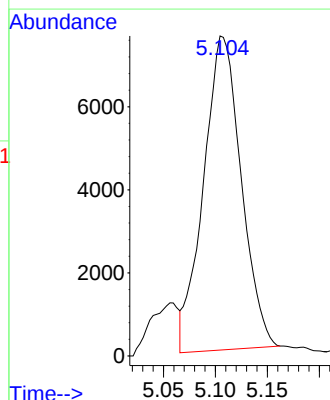
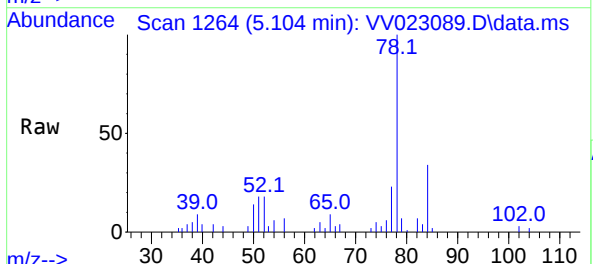
Manual Integrations
APPROVED

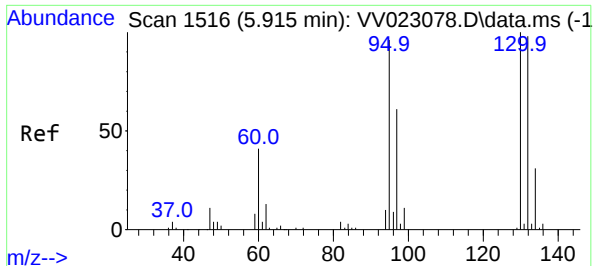
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#33
Benzene
Concen: 2.356 ug/L
RT: 5.104 min Scan# 1264
Delta R.T. 0.006 min
Lab File: VV023089.D
Acq: 28 Oct 2021 21:17

Tgt Ion: 78 Resp: 19084





#34
Trichloroethene
Concen: 2.253 ug/L
RT: 5.921 min Scan# 1518
Delta R.T. 0.006 min
Lab File: VV023089.D
Acq: 28 Oct 2021 21:17

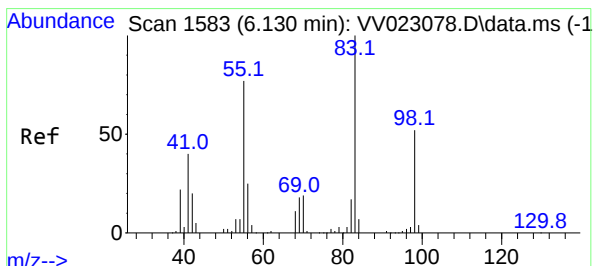
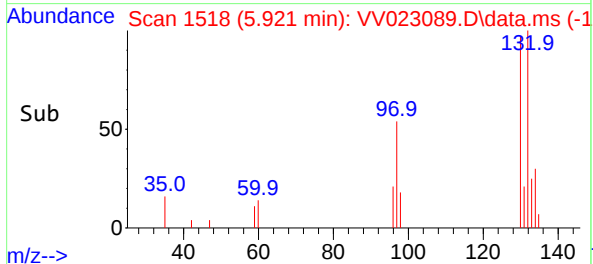
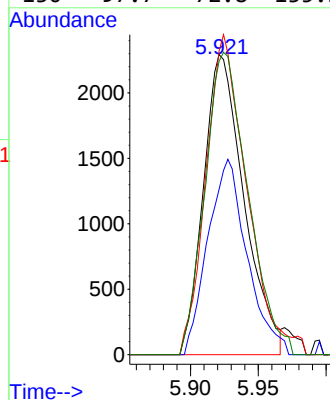
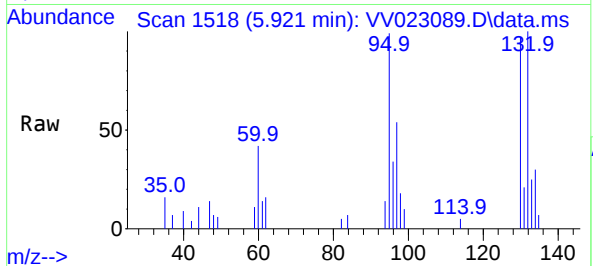
Tgt Ion: 95 Resp: 4768

Ion	Ratio	Lower	Upper
95	100		
97	55.1	44.4	82.5
132	101.1	71.5	132.9
130	97.7	72.8	135.2

Instrument :
MSVOA_V
ClientSampled :
MDL02

Manual Integrations
APPROVED

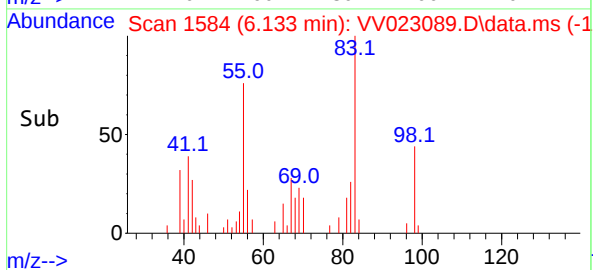
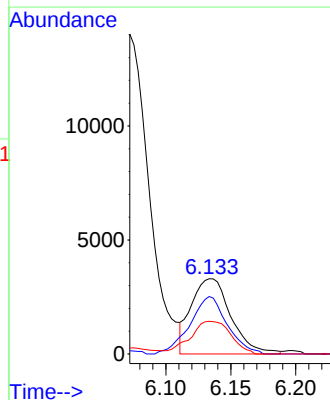
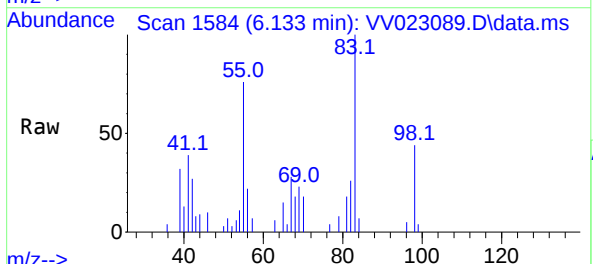
SAM
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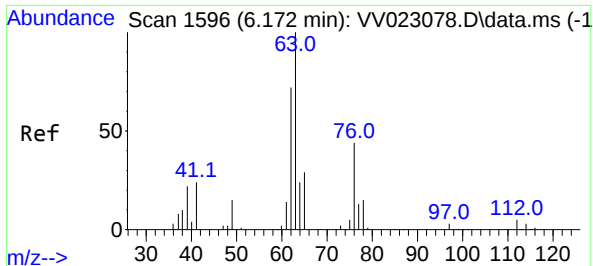


#35
Methylcyclohexane
Concen: 2.125 ug/L
RT: 6.133 min Scan# 1584
Delta R.T. 0.003 min
Lab File: VV023089.D
Acq: 28 Oct 2021 21:17

Tgt Ion: 83 Resp: 7008

Ion	Ratio	Lower	Upper
83	100		
55	71.8	60.1	90.1
98	44.6	41.2	61.8





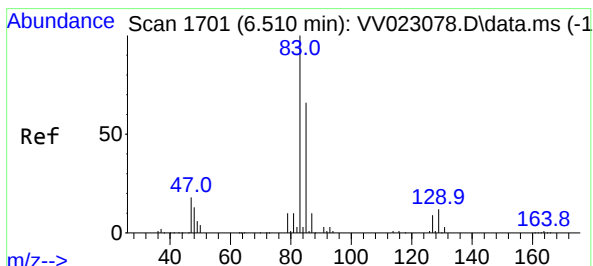
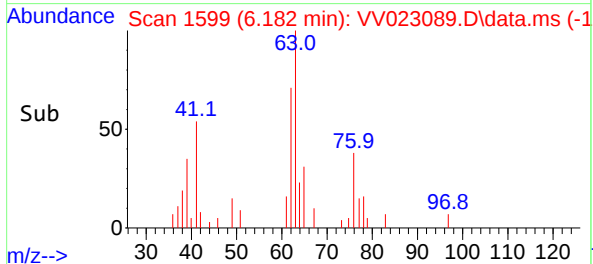
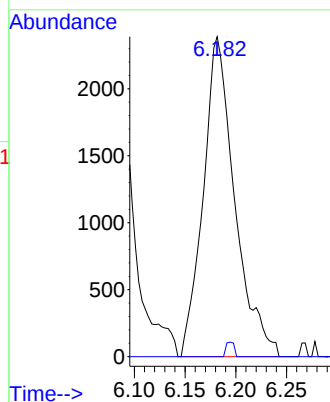
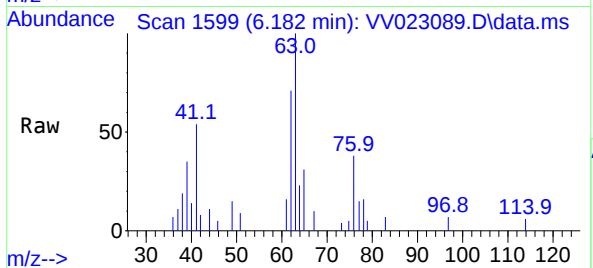
#37
1,2-Dichloropropane
Concen: 2.421 ug/L m
RT: 6.182 min Scan# 1599
Delta R.T. 0.010 min
Lab File: VV023089.D
Acq: 28 Oct 2021 21:17

Tgt Ion: 63 Resp: 5154
Ion Ratio Lower Upper
63 100
112 1.2 3.8 5.8#

Instrument :
MSVOA_V
ClientSampled :
MDL02

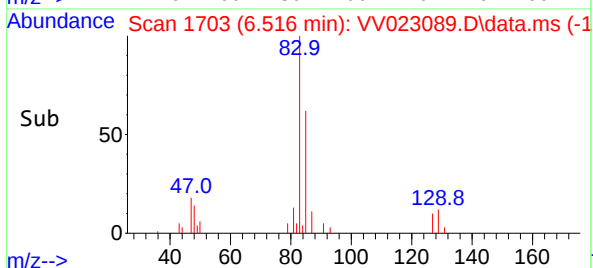
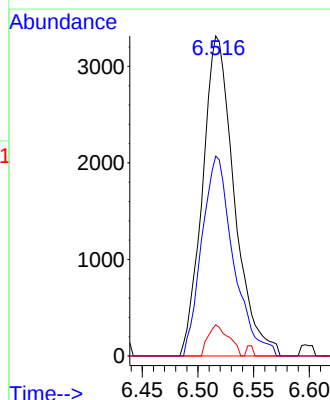
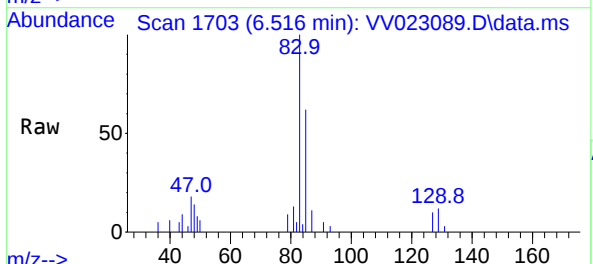
Manual Integrations
APPROVED

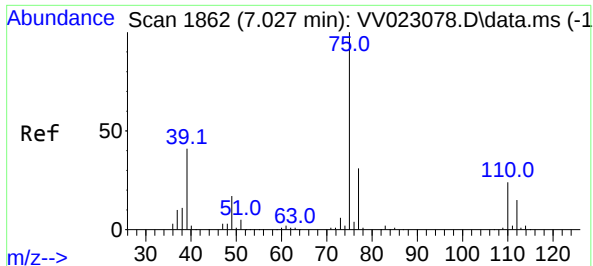
SAM
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#38
Bromodichloromethane
Concen: 2.285 ug/L
RT: 6.516 min Scan# 1703
Delta R.T. 0.006 min
Lab File: VV023089.D
Acq: 28 Oct 2021 21:17

Tgt Ion: 83 Resp: 6583
Ion Ratio Lower Upper
83 100
85 62.4 46.1 85.5
127 9.7 7.4 11.0





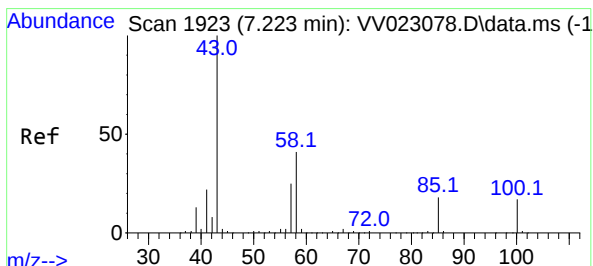
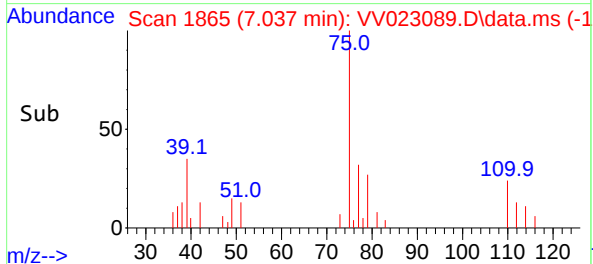
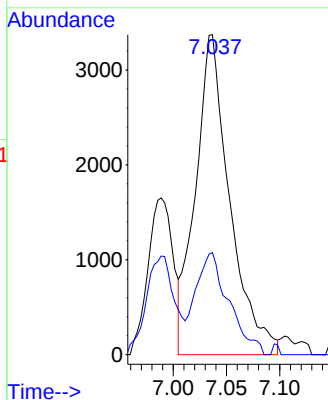
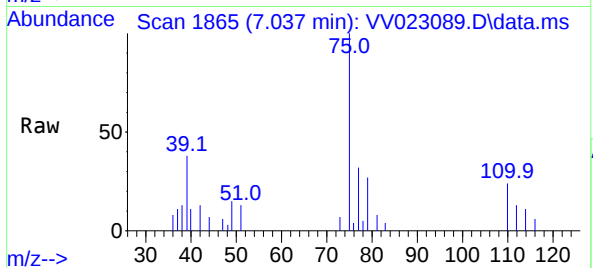
#39
 cis-1,3-Dichloropropene
 Concen: 2.338 ug/L m
 RT: 7.037 min Scan# 1865
 Delta R.T. 0.010 min
 Lab File: VV023089.D
 Acq: 28 Oct 2021 21:17

Tgt Ion: 75 Resp: 7547
 Ion Ratio Lower Upper
 75 100
 77 31.9 21.8 40.6

Instrument :
 MSVOA_V
 ClientSampled :
 MDL02

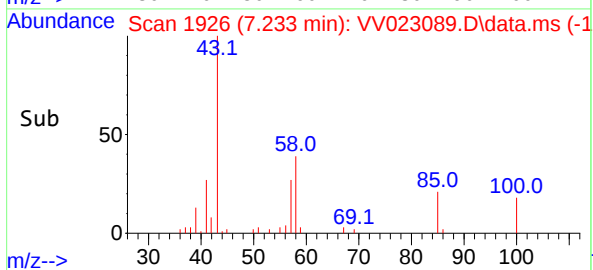
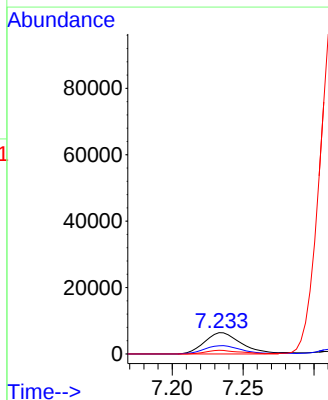
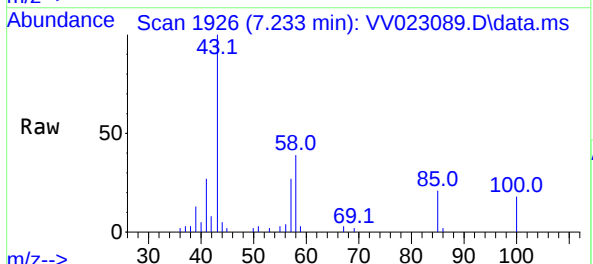
Manual Integrations
 APPROVED

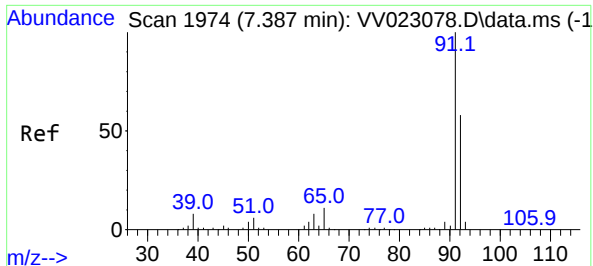
SAM
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#40
 4-Methyl-2-pentanone
 Concen: 4.209 ug/L
 RT: 7.233 min Scan# 1926
 Delta R.T. 0.010 min
 Lab File: VV023089.D
 Acq: 28 Oct 2021 21:17

Tgt Ion: 43 Resp: 11557
 Ion Ratio Lower Upper
 43 100
 58 39.2 32.4 48.6
 100 15.9 13.4 20.2





#42

Toluene

Concen: 2.808 ug/L

RT: 7.394 min Scan# 1976

Delta R.T. 0.006 min

Lab File: VV023089.D

Acq: 28 Oct 2021 21:17

Tgt Ion: 91 Resp: 24342

Ion Ratio Lower Upper

91 100

92 60.9 40.6 75.4

Instrument :

MSVOA_V

ClientSampled :

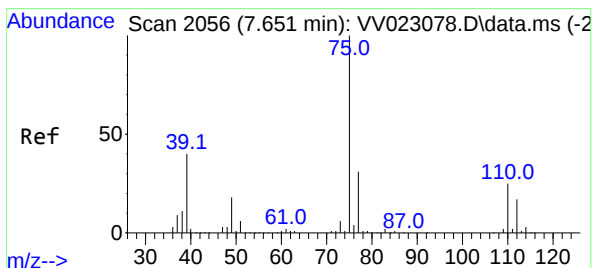
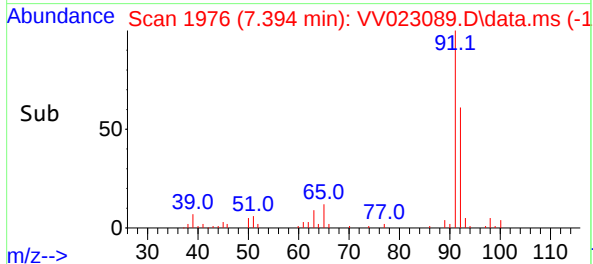
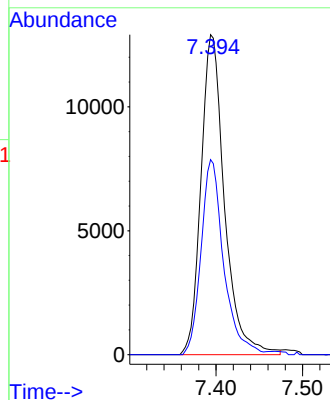
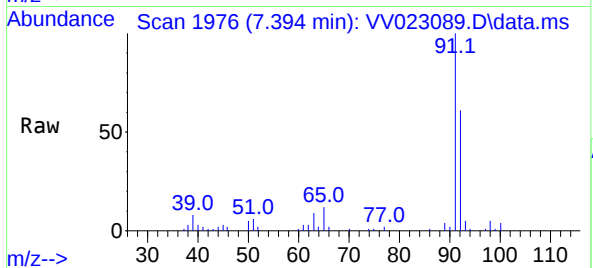
MDL02

Manual Integrations

APPROVED

SAM

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#44

trans-1,3-Dichloropropene

Concen: 2.336 ug/L

RT: 7.657 min Scan# 2058

Delta R.T. 0.006 min

Lab File: VV023089.D

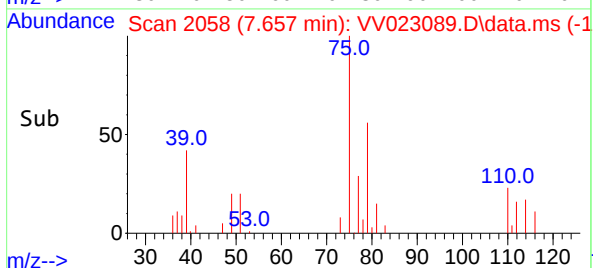
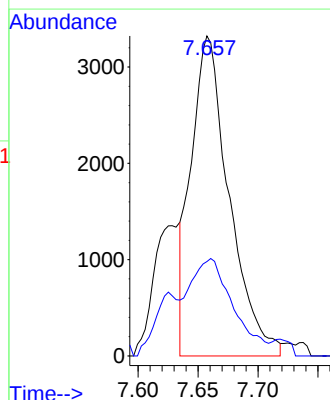
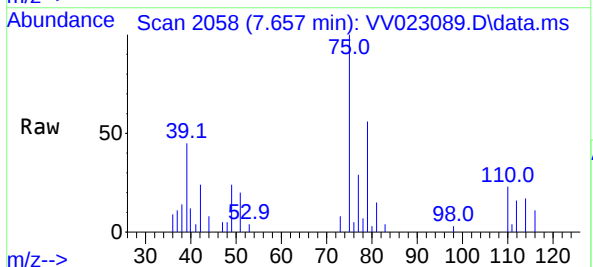
Acq: 28 Oct 2021 21:17

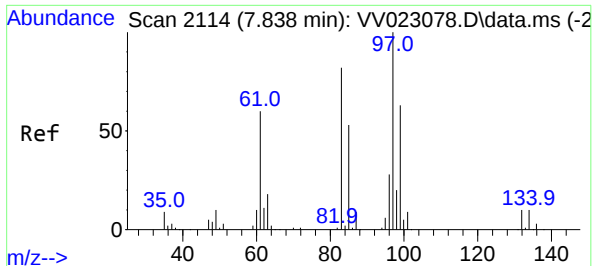
Tgt Ion: 75 Resp: 7313

Ion Ratio Lower Upper

75 100

77 29.5 21.4 39.8





#45

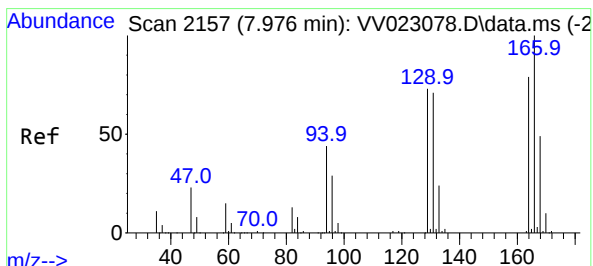
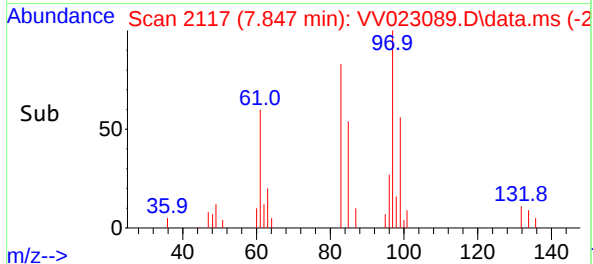
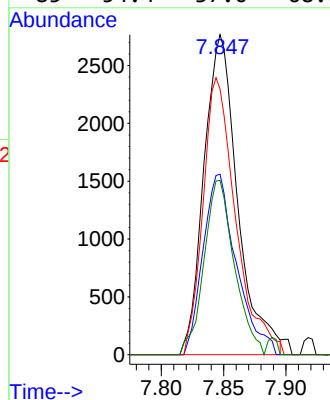
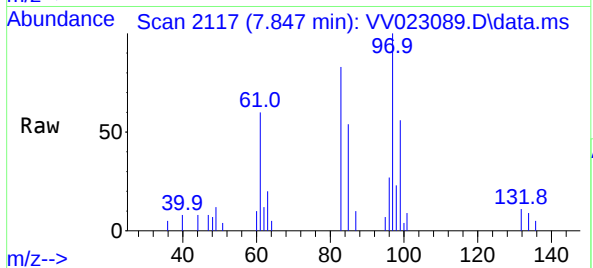
1,1,2-Trichloroethane
Concen: 2.390 ug/L
RT: 7.847 min Scan# 2117
Delta R.T. 0.010 min
Lab File: VV023089.D
Acq: 28 Oct 2021 21:17

Tgt Ion: 97	Resp: 5194
Ion Ratio	Lower Upper
97 100	
99 56.4	44.2 82.2
83 83.0	57.7 107.1
85 54.4	37.0 68.6

Instrument :
MSVOA_V
ClientSampled :
MDL02

Manual Integrations
APPROVED

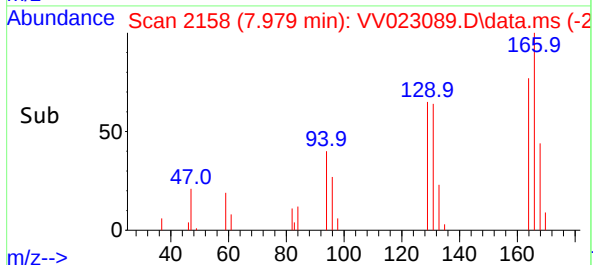
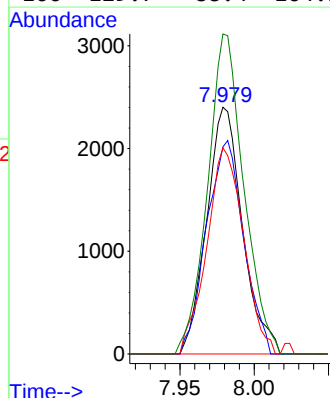
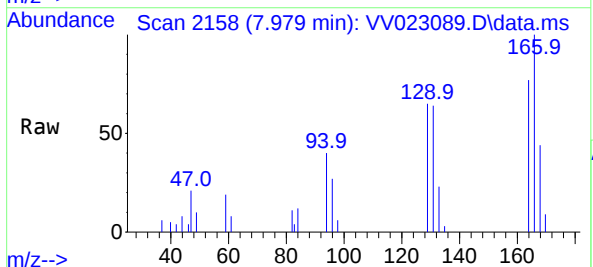
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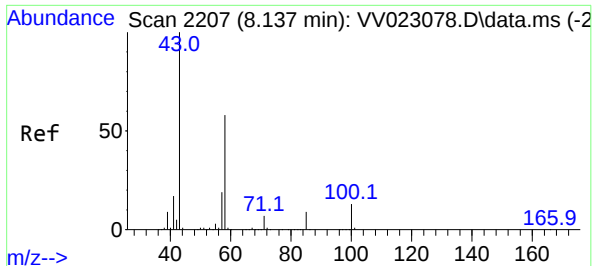


#46

Tetrachloroethene
Concen: 2.212 ug/L
RT: 7.979 min Scan# 2158
Delta R.T. 0.003 min
Lab File: VV023089.D
Acq: 28 Oct 2021 21:17

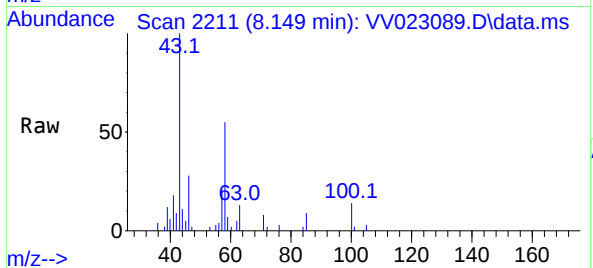
Tgt Ion:164	Resp: 4036
Ion Ratio	Lower Upper
164 100	
129 83.9	64.6 120.0
131 83.5	62.9 116.7
166 129.7	88.4 164.2





#48
2-Hexanone
Concen: 4.968 ug/L
RT: 8.149 min Scan# 2211
Delta R.T. 0.013 min
Lab File: VV023089.D
Acq: 28 Oct 2021 21:17

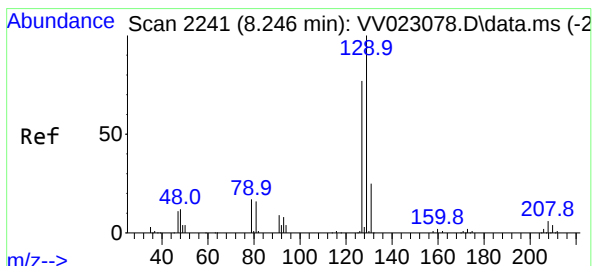
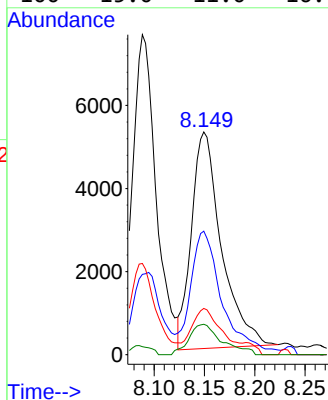
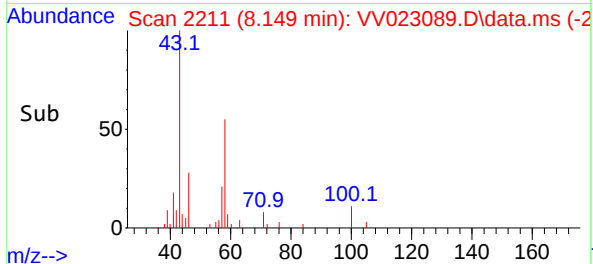
Instrument :
MSVOA_V
ClientSampled :
MDL02



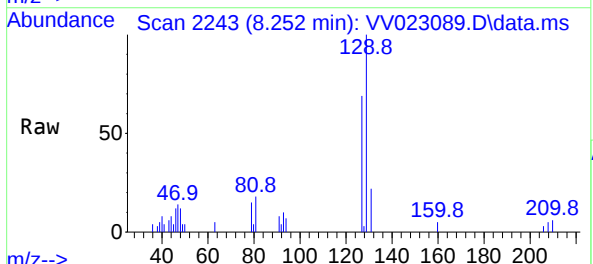
Tgt Ion: 43 Resp: 10829
Ion Ratio Lower Upper
43 100
58 59.8 45.6 68.4
57 14.4 15.4 23.0#
100 15.0 11.0 16.4

Manual Integrations
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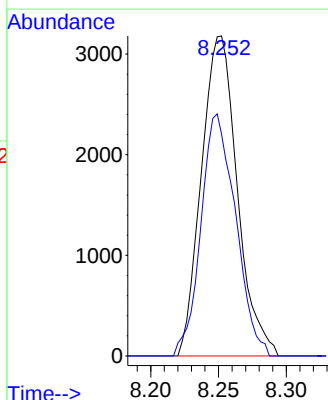
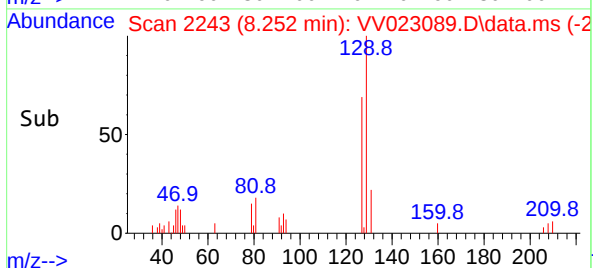
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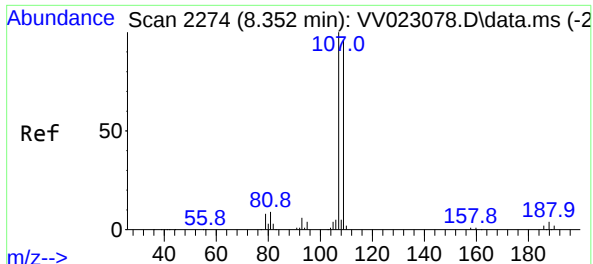


#49
Dibromochloromethane
Concen: 2.361 ug/L
RT: 8.252 min Scan# 2243
Delta R.T. 0.006 min
Lab File: VV023089.D
Acq: 28 Oct 2021 21:17



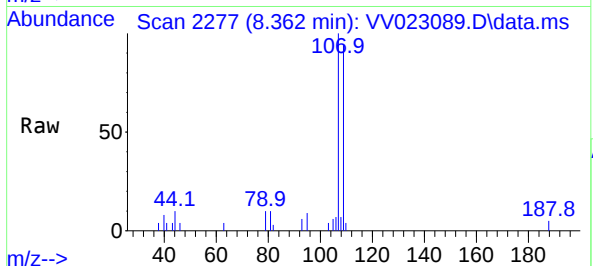
Tgt Ion: 129 Resp: 5863
Ion Ratio Lower Upper
129 100
127 69.3 53.9 100.1





#50
1,2-Dibromoethane
Concen: 2.371 ug/L
RT: 8.362 min Scan# 2277
Delta R.T. 0.010 min
Lab File: VV023089.D
Acq: 28 Oct 2021 21:17

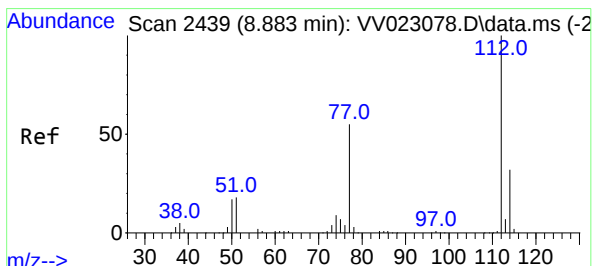
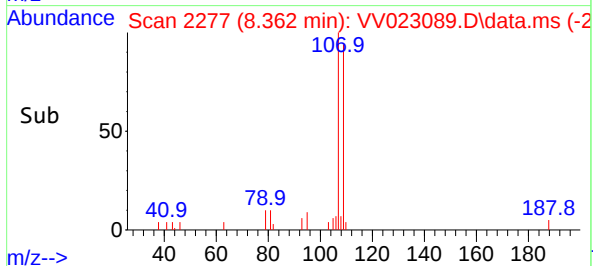
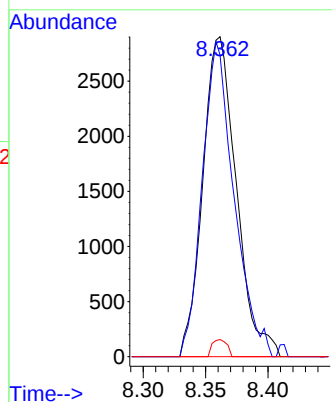
Instrument :
MSVOA_V
ClientSampleId :
MDL02



Tgt Ion:107 Resp: 5427
Ion Ratio Lower Upper
107 100
109 94.3 67.3 124.9
188 5.4 3.3 4.9#

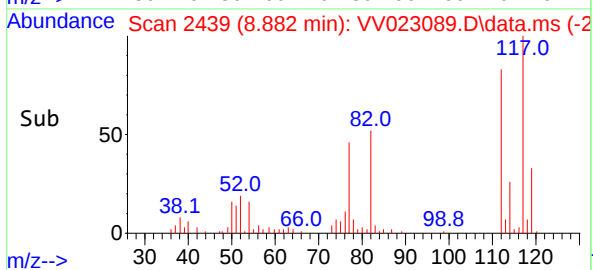
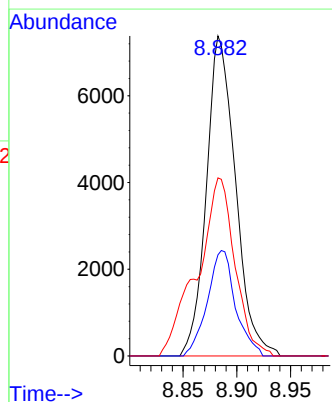
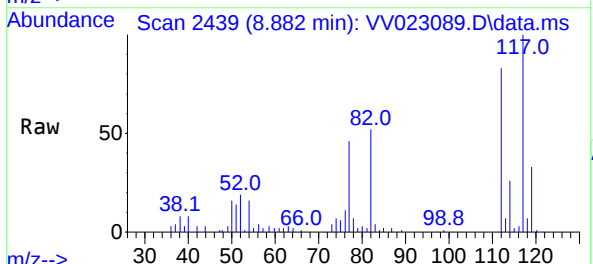
Manual Integrations
APPROVED

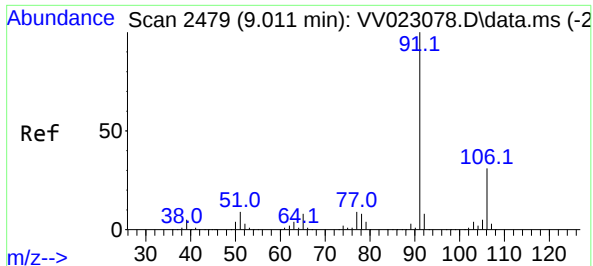
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#51
Chlorobenzene
Concen: 2.377 ug/L
RT: 8.882 min Scan# 2439
Delta R.T. -0.000 min
Lab File: VV023089.D
Acq: 28 Oct 2021 21:17

Tgt Ion:112 Resp: 13918
Ion Ratio Lower Upper
112 100
114 31.6 22.2 41.2
77 55.7 44.6 67.0





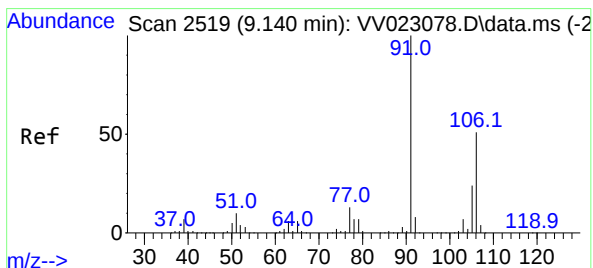
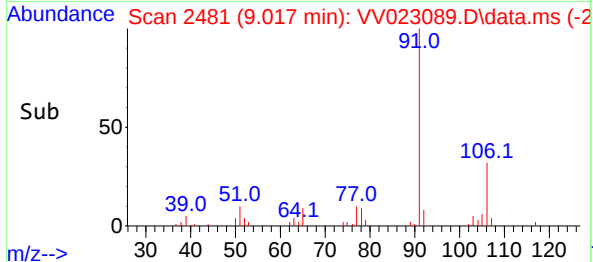
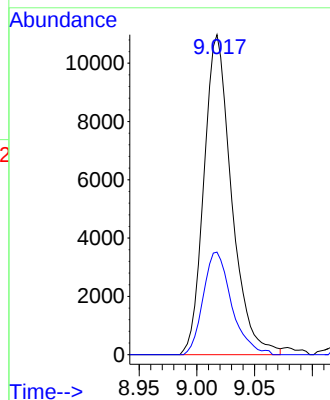
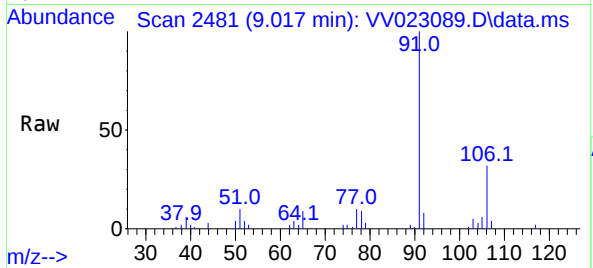
#52
Ethylbenzene
Concen: 1.982 ug/L
RT: 9.017 min Scan# 2481
Delta R.T. 0.006 min
Lab File: VV023089.D
Acq: 28 Oct 2021 21:17

Instrument :
MSVOA_V
ClientSampleId :
MDL02

Tgt Ion: 91 Resp: 18282
Ion Ratio Lower Upper
91 100
106 32.0 21.8 40.4

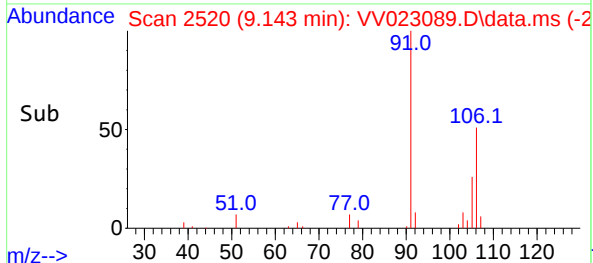
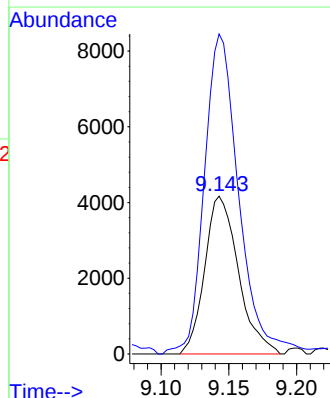
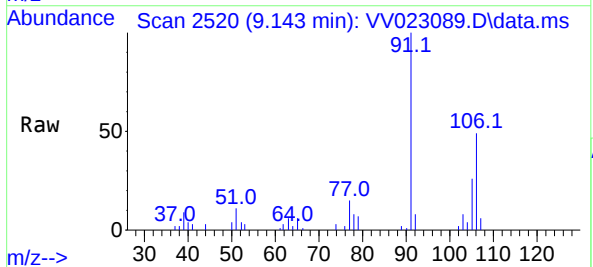
Manual Integrations
APPROVED

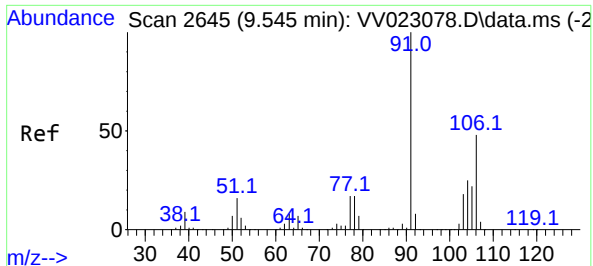
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#53
m,p-Xylene
Concen: 2.026 ug/L
RT: 9.143 min Scan# 2520
Delta R.T. 0.003 min
Lab File: VV023089.D
Acq: 28 Oct 2021 21:17

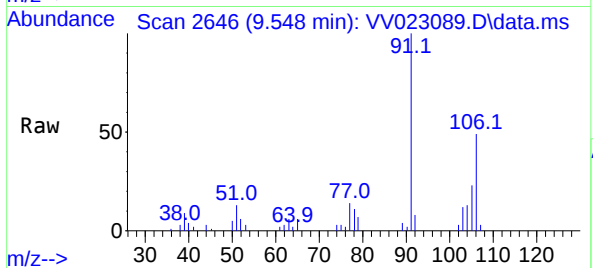
Tgt Ion: 106 Resp: 7204
Ion Ratio Lower Upper
106 100
91 202.9 137.3 254.9





#54
o-Xylene
Concen: 1.941 ug/L
RT: 9.548 min Scan# 2646
Delta R.T. 0.003 min
Lab File: VV023089.D
Acq: 28 Oct 2021 21:17

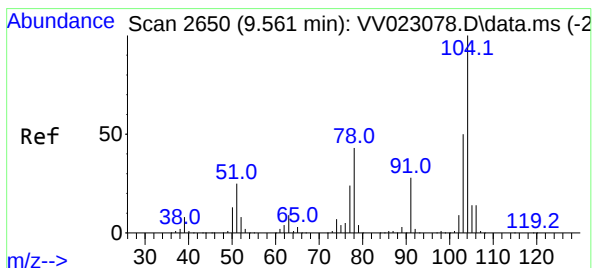
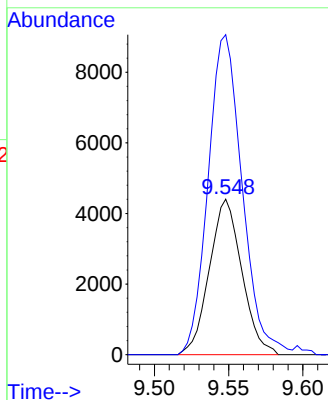
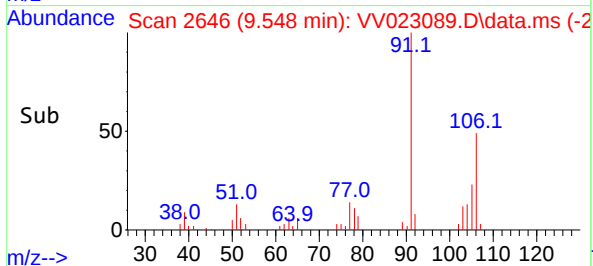
Instrument :
MSVOA_V
ClientSampled :
MDL02



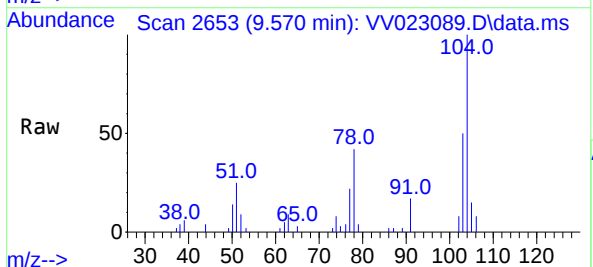
Tgt Ion:106 Resp: 6717
Ion Ratio Lower Upper
106 100
91 205.9 145.0 269.4

Manual Integrations
APPROVED

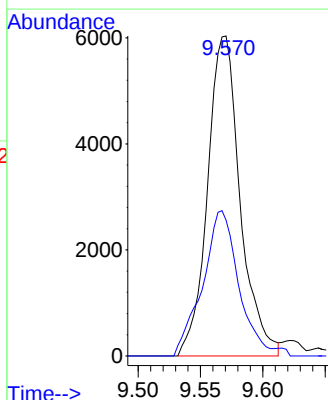
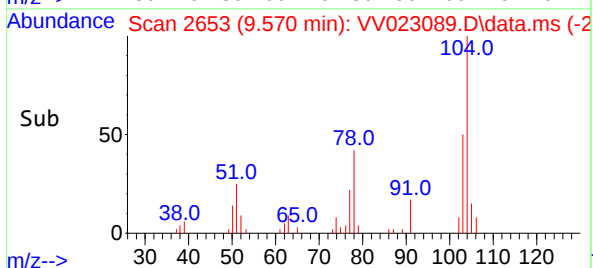
SAM
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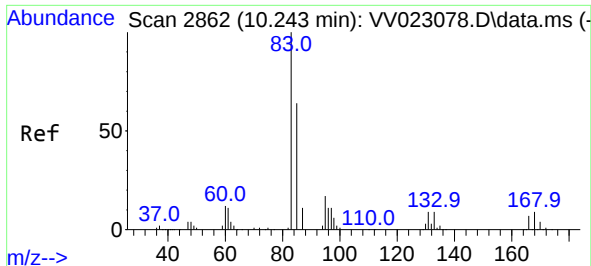


#55
Styrene
Concen: 1.830 ug/L
RT: 9.570 min Scan# 2653
Delta R.T. 0.010 min
Lab File: VV023089.D
Acq: 28 Oct 2021 21:17



Tgt Ion:104 Resp: 11008
Ion Ratio Lower Upper
104 100
78 42.4 29.8 55.4





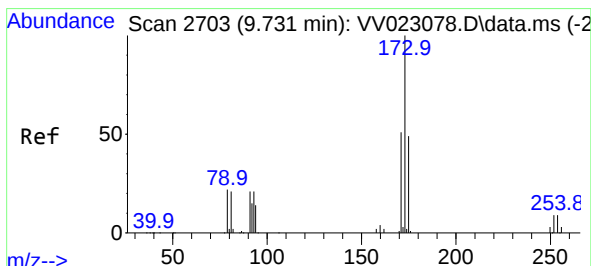
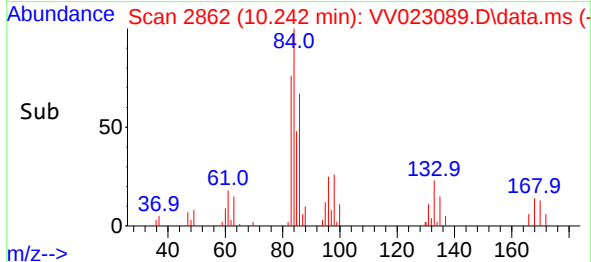
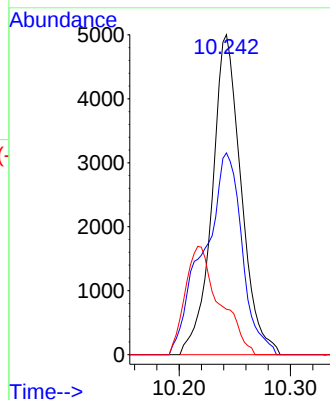
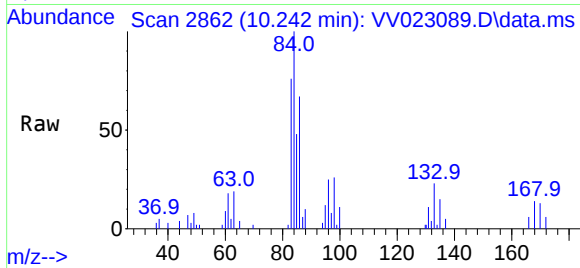
#57
1,1,2,2-Tetrachloroethane
Concen: 2.616 ug/L
RT: 10.242 min Scan# 2862
Delta R.T. -0.000 min
Lab File: VV023089.D
Acq: 28 Oct 2021 21:17

Tgt Ion:	83	Resp:	9066
Ion Ratio	Lower	Upper	
83	100		
85	63.1	44.7	83.1
131	14.2	7.8	11.8#

Instrument :
MSVOA_V
ClientSampled :
MDL02

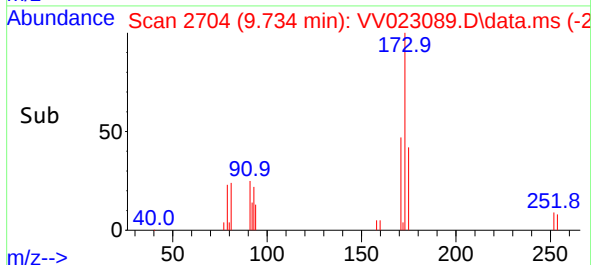
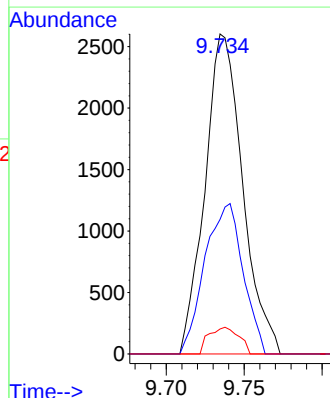
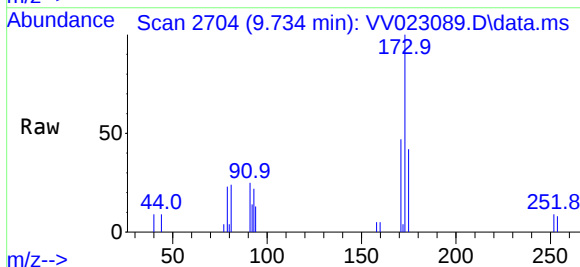
Manual Integrations
APPROVED

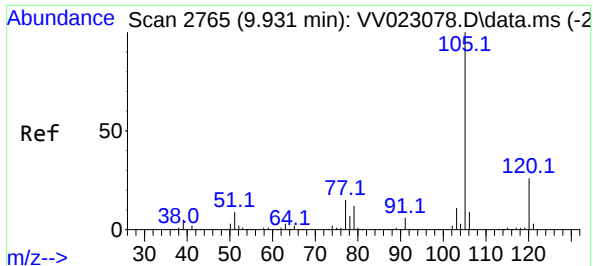
SAM
11/1/2021 6:35:51 PM



#59
Bromoform
Concen: 2.673 ug/L
RT: 9.734 min Scan# 2704
Delta R.T. 0.003 min
Lab File: VV023089.D
Acq: 28 Oct 2021 21:17

Tgt Ion:	173	Resp:	4378
Ion Ratio	Lower	Upper	
173	100		
175	47.6	39.3	58.9
254	6.7	7.2	10.8#





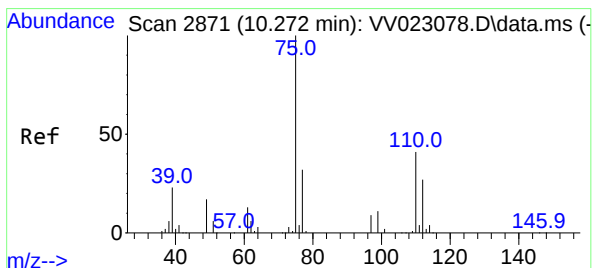
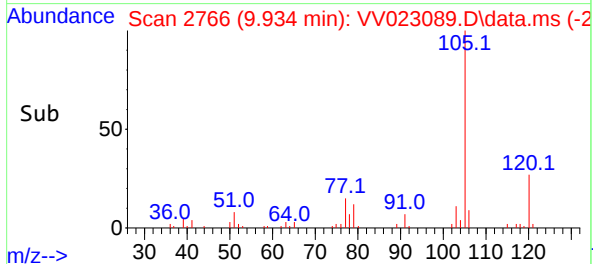
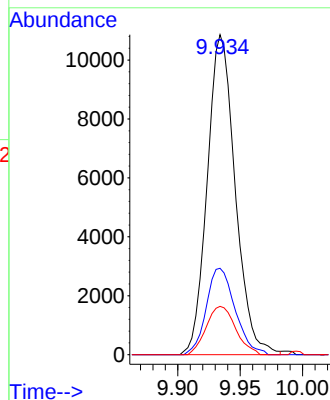
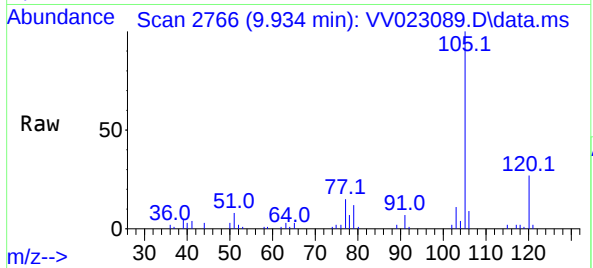
#60
Isopropylbenzene
Concen: 2.051 ug/L
RT: 9.934 min Scan# 2766
Delta R.T. 0.003 min
Lab File: VV023089.D
Acq: 28 Oct 2021 21:17

Tgt Ion:	105	Resp:	16967
Ion	Ratio	Lower	Upper
105	100		
120	27.8	21.0	31.6
77	15.9	12.2	18.2

Instrument :
MSVOA_V
ClientSampled :
MDL02

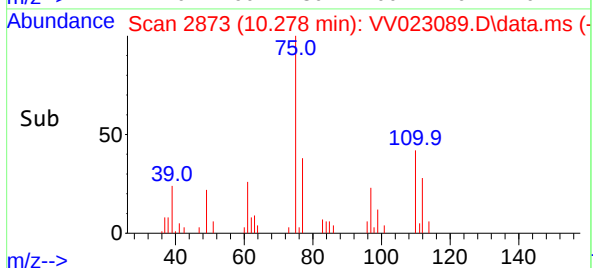
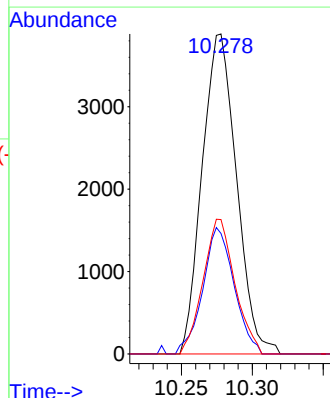
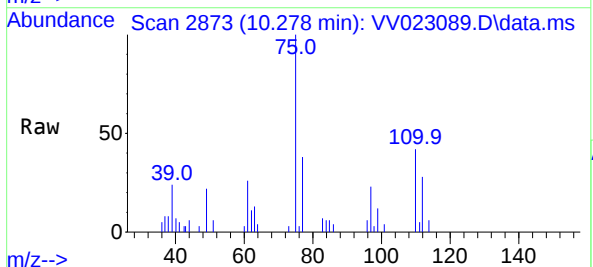
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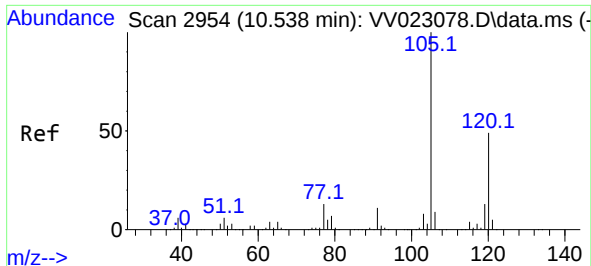
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#61
1,2,3-Trichloropropane
Concen: 2.699 ug/L
RT: 10.278 min Scan# 2873
Delta R.T. 0.006 min
Lab File: VV023089.D
Acq: 28 Oct 2021 21:17

Tgt Ion:	75	Resp:	6548
Ion	Ratio	Lower	Upper
75	100		
77	36.0	25.6	38.4
110	38.9	33.1	49.7





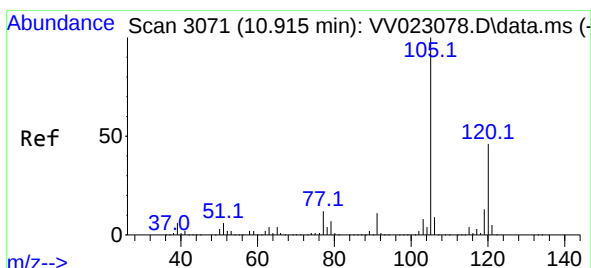
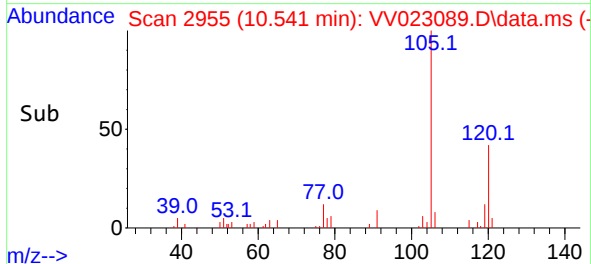
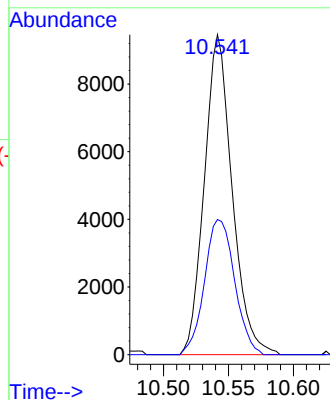
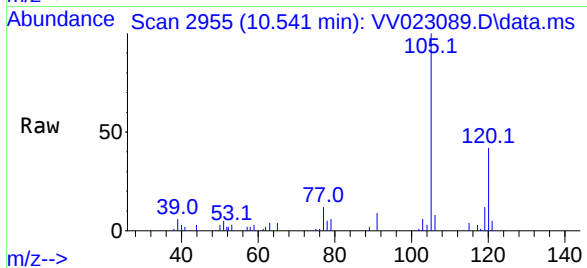
#62
1,3,5-Trimethylbenzene
Concen: 2.067 ug/L
RT: 10.541 min Scan# 2955
Delta R.T. 0.003 min
Lab File: VV023089.D
Acq: 28 Oct 2021 21:17

Tgt Ion:105 Resp: 14082
Ion Ratio Lower Upper
105 100
120 45.7 39.6 59.4

Instrument :
MSVOA_V
ClientSampled :
MDL02

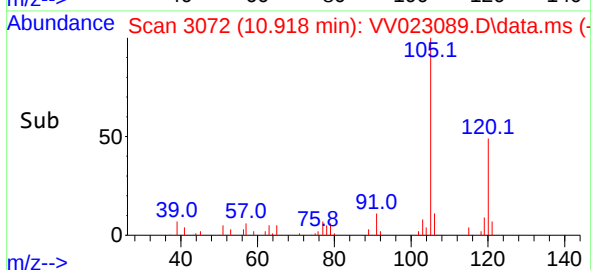
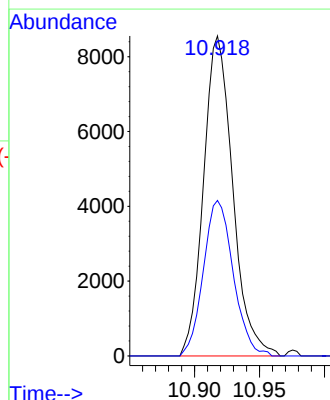
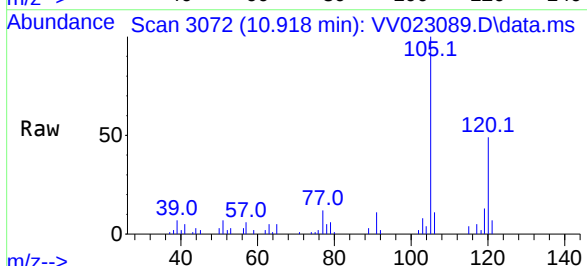
Manual Integrations
APPROVED

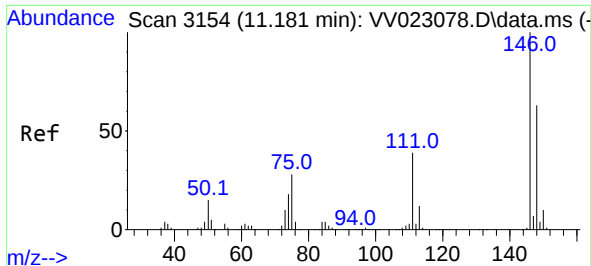
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#63
1,2,4-Trimethylbenzene
Concen: 1.954 ug/L
RT: 10.918 min Scan# 3072
Delta R.T. 0.003 min
Lab File: VV023089.D
Acq: 28 Oct 2021 21:17

Tgt Ion:105 Resp: 13363
Ion Ratio Lower Upper
105 100
120 49.4 37.1 55.7





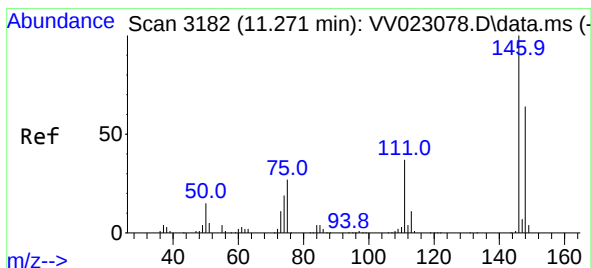
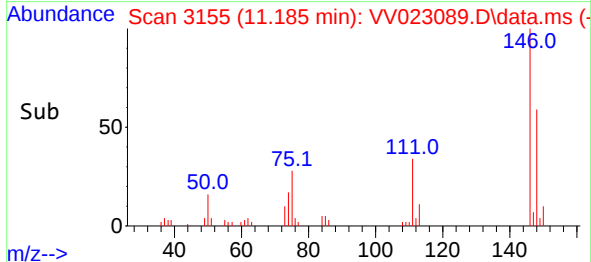
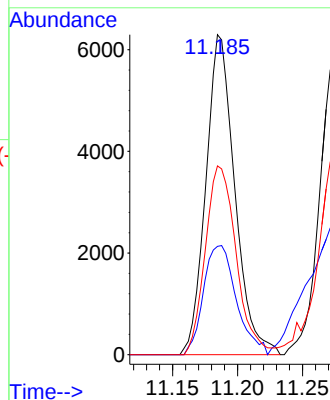
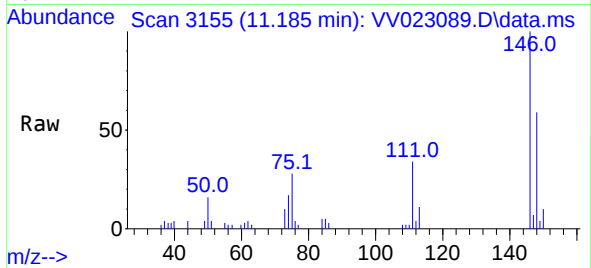
#64
1,3-Dichlorobenzene
Concen: 2.335 ug/L
RT: 11.185 min Scan# 3155
Delta R.T. 0.003 min
Lab File: VV023089.D
Acq: 28 Oct 2021 21:17

Tgt Ion:	146	Resp:	9765
Ion	Ratio	Lower	Upper
146	100		
111	33.8	27.3	50.7
148	59.0	44.2	82.0

Instrument :
MSVOA_V
ClientSampled :
MDL02

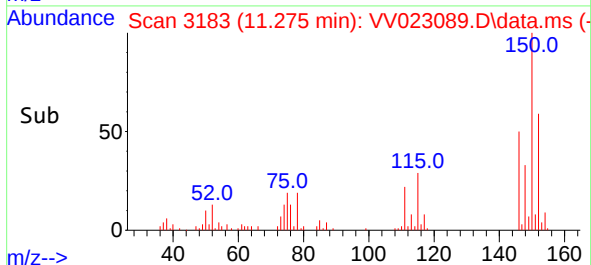
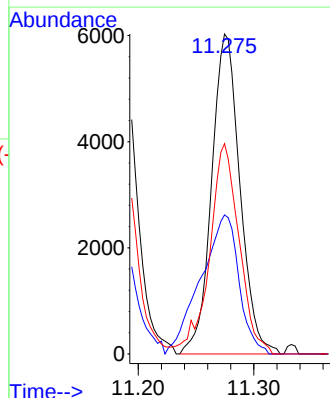
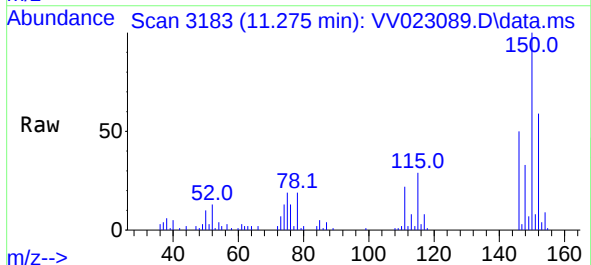
Manual Integrations
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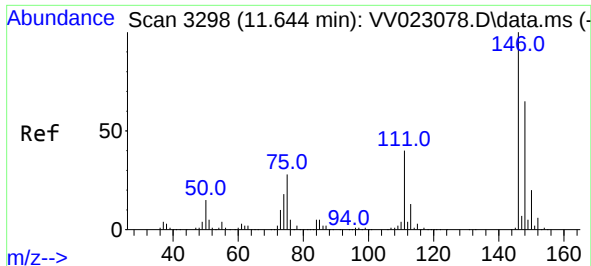
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#65
1,4-Dichlorobenzene
Concen: 2.362 ug/L
RT: 11.275 min Scan# 3183
Delta R.T. 0.003 min
Lab File: VV023089.D
Acq: 28 Oct 2021 21:17

Tgt Ion:	146	Resp:	10286
Ion	Ratio	Lower	Upper
146	100		
111	43.4	26.0	48.2
148	65.7	44.7	82.9





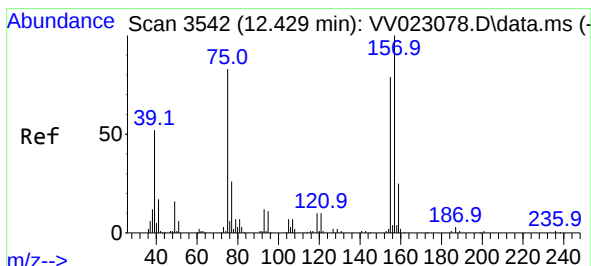
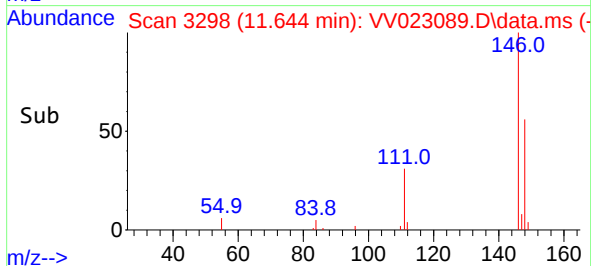
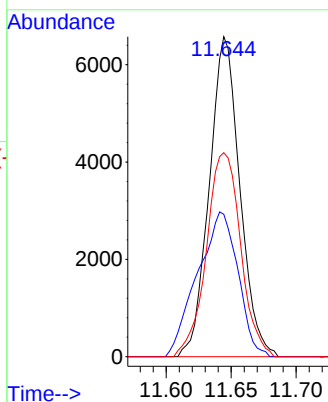
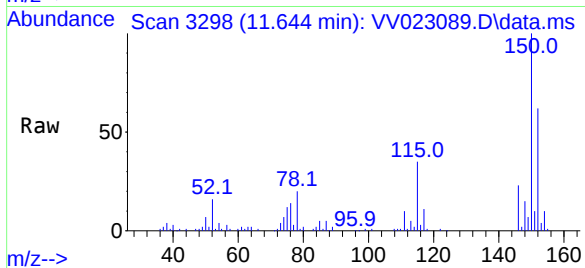
#67
1,2-Dichlorobenzene
Concen: 2.542 ug/L
RT: 11.644 min Scan# 3298
Delta R.T. -0.000 min
Lab File: VV023089.D
Acq: 28 Oct 2021 21:17

Tgt Ion:146 Resp: 10747
Ion Ratio Lower Upper
146 100
111 44.5 32.2 48.2
148 63.8 51.8 77.8

Instrument :
MSVOA_V
ClientSampled :
MDL02

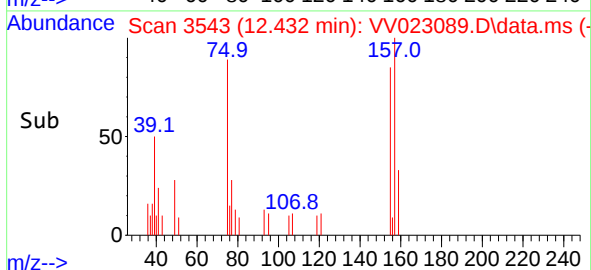
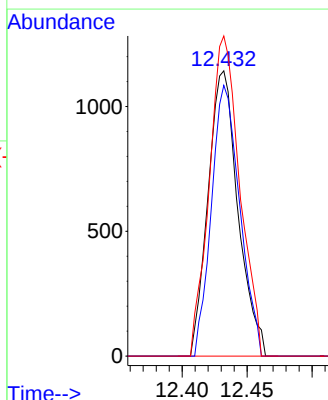
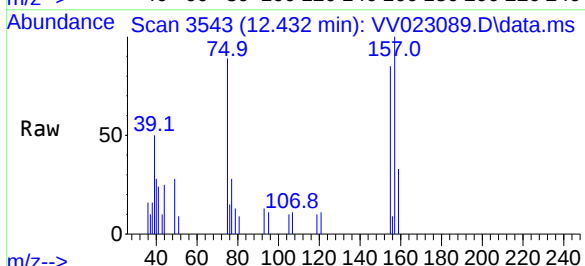
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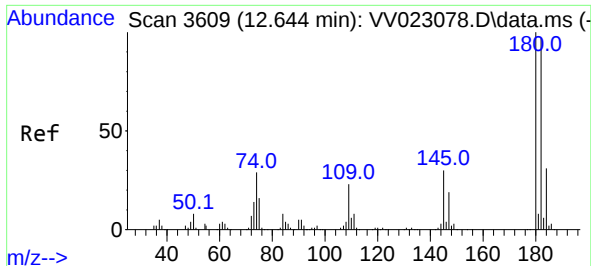
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#68
1,2-Dibromo-3-chloropropane
Concen: 2.705 ug/L
RT: 12.432 min Scan# 3543
Delta R.T. 0.003 min
Lab File: VV023089.D
Acq: 28 Oct 2021 21:17

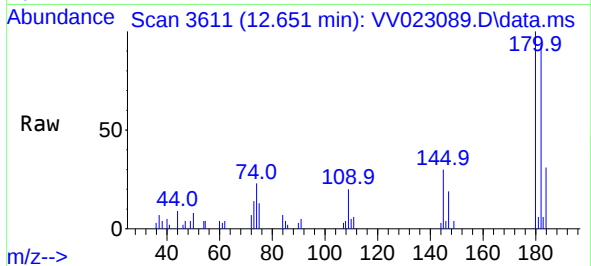
Tgt Ion: 75 Resp: 1832
Ion Ratio Lower Upper
75 100
155 94.9 75.7 113.5
157 112.2 96.4 144.6





#69
1,3,5-Trichlorobenzene
Concen: 2.314 ug/L
RT: 12.651 min Scan# 3611
Delta R.T. 0.006 min
Lab File: VV023089.D
Acq: 28 Oct 2021 21:17

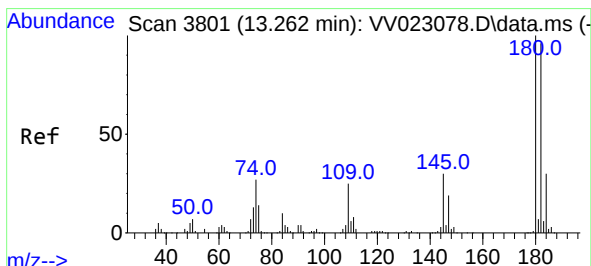
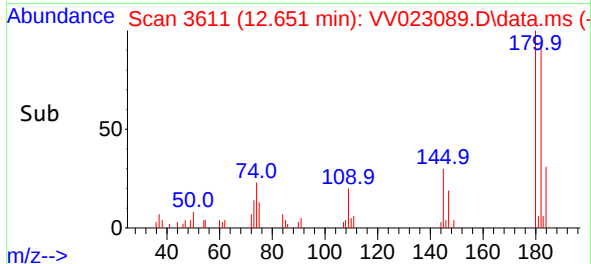
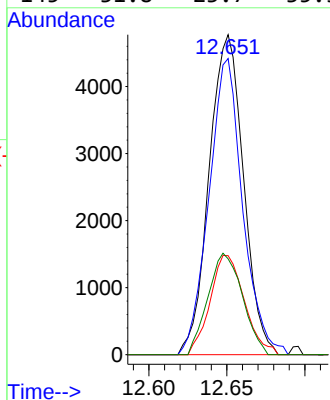
Instrument :
MSVOA_V
ClientSampled :
MDL02



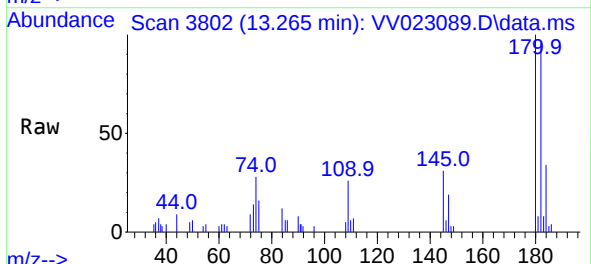
Tgt Ion:180 Resp: 7317
Ion Ratio Lower Upper
180 100
182 90.8 76.6 115.0
184 31.1 24.6 36.8
145 31.8 23.7 35.5

Manual Integrations
APPROVED

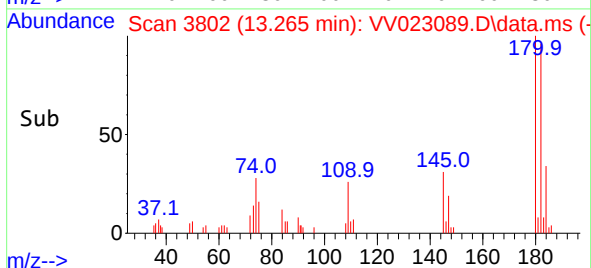
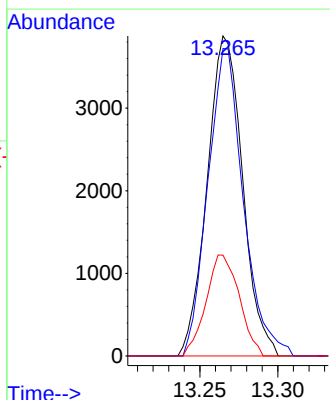
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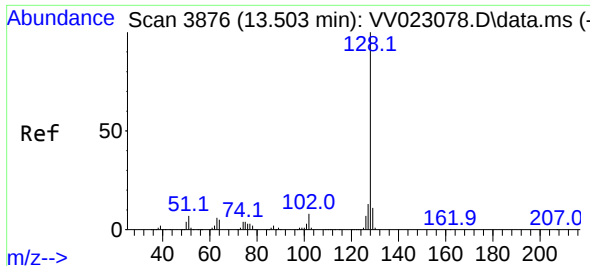


#70
1,2,4-trichlorobenzene
Concen: 2.232 ug/L
RT: 13.265 min Scan# 3802
Delta R.T. 0.003 min
Lab File: VV023089.D
Acq: 28 Oct 2021 21:17



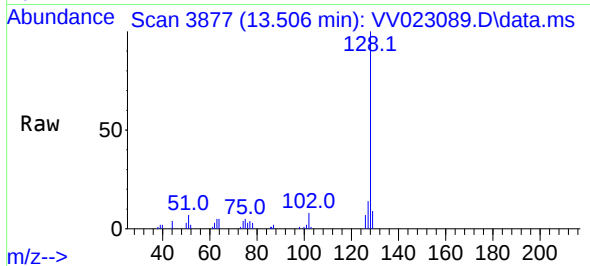
Tgt Ion:180 Resp: 6118
Ion Ratio Lower Upper
180 100
182 96.3 77.2 115.8
145 29.6 23.8 35.6





#71
Naphthalene
Concen: 2.119 ug/L
RT: 13.506 min Scan# 3877
Delta R.T. 0.003 min
Lab File: VV023089.D
Acq: 28 Oct 2021 21:17

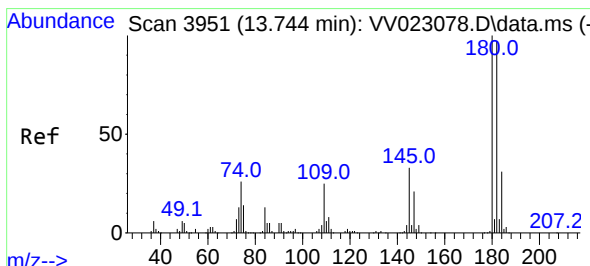
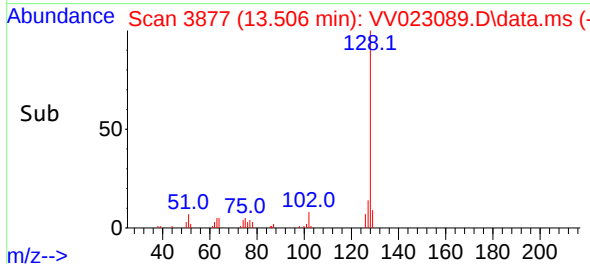
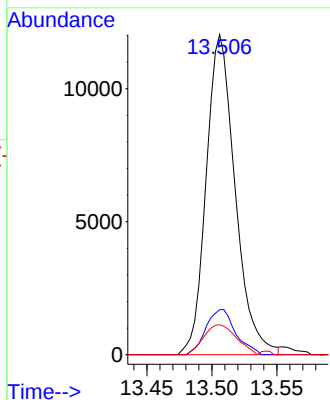
Instrument :
MSVOA_V
ClientSampleId :
MDL02



Tgt Ion:128 Resp: 18648
Ion Ratio Lower Upper
128 100
127 14.4 10.3 15.5
129 10.5 8.7 13.1

Manual Integrations
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#72
1,2,3-Trichlorobenzene
Concen: 2.185 ug/L
RT: 13.747 min Scan# 3952
Delta R.T. 0.003 min
Lab File: VV023089.D
Acq: 28 Oct 2021 21:17

Tgt Ion:180 Resp: 6331
Ion Ratio Lower Upper
180 100
182 101.3 77.0 115.4
145 33.2 26.4 39.6

