

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW102821\
 Data File : VW023086.D
 Acq On : 28 Oct 2021 20:05
 Operator : SY/MD
 Sample : MDL01
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 MDL01

Manual Integrations
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SAM
 11/1/2021 6:35:41 PM

Quant Time: Oct 29 02:26:51 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	5.616	114	263013	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	256715	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	126765	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	85658	47.257	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	94.520%		
7) Chloroethane-d5	1.564	69	68248	48.273	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	96.540%		
11) 1,1-Dichloroethene-d2	2.105	63	122901	35.794	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	71.580%		
21) 2-Butanone-d5	3.876	46	145037	106.800	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	106.800%		
24) Chloroform-d	4.349	84	182530	47.895	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	95.780%		
26) 1,2-Dichloroethane-d4	5.031	65	115675	51.281	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	102.560%		
32) Benzene-d6	5.050	84	356566	50.704	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	101.400%		
36) 1,2-Dichloropropane-d6	6.069	67	114137	50.985	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	101.960%		
41) Toluene-d8	7.317	98	319852	49.852	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	99.700%		
43) trans-1,3-Dichloroprop...	7.622	79	52728	49.141	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	98.280%		
47) 2-Hexanone-d5	8.088	63	107635	110.699	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	110.700%		
56) 1,1,2,2-Tetrachloroeth...	10.217	84	164020	50.129	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	100.260%		
66) 1,2-Dichlorobenzene-d4	11.625	152	129572	52.990	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	105.980%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.127	85	6012	2.405	ug/L	100
3) Chloromethane	1.237	50	5681	2.409	ug/L	100
5) Vinyl chloride	1.307	62	5659	2.401	ug/L #	71
6) Bromomethane	1.519	94	3427	2.589	ug/L	95
8) Chloroethane	1.581	64	3326	2.318	ug/L	85
9) Trichlorofluoromethane	1.751	101	8567	2.396	ug/L	93
10) 1,1,2-Trichloro-1,2,2-...	2.111	101	5679	2.991	ug/L #	78
12) 1,1-Dichloroethene	2.114	96	5323	3.021	ug/L #	1
13) Acetone	2.169	43	5961m	4.428	ug/L	
14) Carbon disulfide	2.291	76	12479	2.369	ug/L	96
15) Methyl Acetate	2.436	43	5204	2.329	ug/L	95
16) Methylene chloride	2.507	84	6049	2.680	ug/L	97
17) trans-1,2-Dichloroethene	2.764	96	4710	2.343	ug/L	94
18) Methyl tert-butyl Ether	2.767	73	13748	2.277	ug/L	99
19) 1,1-Dichloroethane	3.191	63	8584	2.292	ug/L	96
20) cis-1,2-Dichloroethene	3.918	96	5319	2.475	ug/L	96
22) 2-Butanone	3.995	43	7321m	4.772	ug/L	
23) Bromochloromethane	4.259	128	2985	2.465	ug/L	88
25) Chloroform	4.375	83	9886	2.566	ug/L	87

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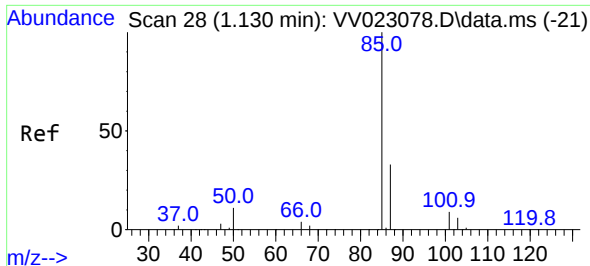
Manual Integrations
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Quant Time: Oct 29 02:26:51 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM102821WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Oct 29 01:52:27 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.137	62	7857	2.717	ug/L	96
29) Cyclohexane	4.680	56	6887	2.298	ug/L #	94
30) 1,1,1-Trichloroethane	4.609	97	7913	2.313	ug/L #	73
31) Carbon tetrachloride	4.831	117	7125	2.317	ug/L	95
33) Benzene	5.105	78	20042	2.506	ug/L	100
34) Trichloroethene	5.924	95	4819	2.306	ug/L	93
35) Methylcyclohexane	6.137	83	6963	2.138	ug/L	97
37) 1,2-Dichloropropane	6.182	63	4522	2.152	ug/L #	92
38) Bromodichloromethane	6.516	83	6443	2.265	ug/L #	92
39) cis-1,3-Dichloropropene	7.037	75	6976	2.189	ug/L	100
40) 4-Methyl-2-pentanone	7.233	43	11973	4.417	ug/L	99
42) Toluene	7.394	91	23975	2.801	ug/L	97
44) trans-1,3-Dichloropropene	7.657	75	7437m	2.407	ug/L	
45) 1,1,2-Trichloroethane	7.844	97	5254	2.448	ug/L	98
46) Tetrachloroethene	7.979	164	4399	2.442	ug/L	92
48) 2-Hexanone	8.149	43	9834	4.569	ug/L #	95
49) Dibromochloromethane	8.249	129	5848	2.385	ug/L	99
50) 1,2-Dibromoethane	8.362	107	5269	2.331	ug/L	93
51) Chlorobenzene	8.886	112	13801	2.387	ug/L	94
52) Ethylbenzene	9.018	91	19648	2.158	ug/L	98
53) m,p-Xylene	9.146	106	7549	2.150	ug/L	95
54) o-Xylene	9.548	106	7139	2.089	ug/L	100
55) Styrene	9.567	104	11283	1.900	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.243	83	8897	2.600	ug/L #	98
59) Bromoform	9.735	173	3936	2.455	ug/L	95
60) Isopropylbenzene	9.934	105	17150	2.118	ug/L	97
61) 1,2,3-Trichloropropane	10.278	75	6667	2.806	ug/L	96
62) 1,3,5-Trimethylbenzene	10.542	105	13325	1.998	ug/L	99
63) 1,2,4-Trimethylbenzene	10.918	105	13908	2.077	ug/L	96
64) 1,3-Dichlorobenzene	11.185	146	9815	2.397	ug/L	97
65) 1,4-Dichlorobenzene	11.275	146	10711	2.512	ug/L	95
67) 1,2-Dichlorobenzene	11.644	146	11013	2.660	ug/L	94
68) 1,2-Dibromo-3-chloropr...	12.429	75	1842	2.778	ug/L	83
69) 1,3,5-Trichlorobenzene	12.648	180	7466	2.411	ug/L	99
70) 1,2,4-trichlorobenzene	13.268	180	6566	2.447	ug/L	98
71) Naphthalene	13.506	128	19202	2.229	ug/L	99
72) 1,2,3-Trichlorobenzene	13.747	180	6270	2.210	ug/L	98

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



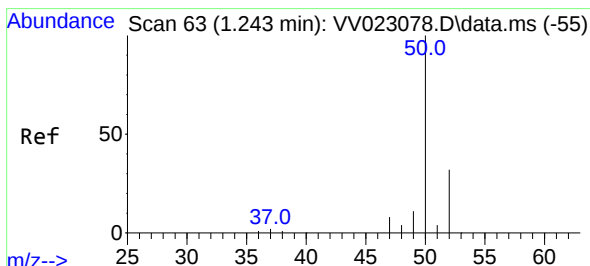
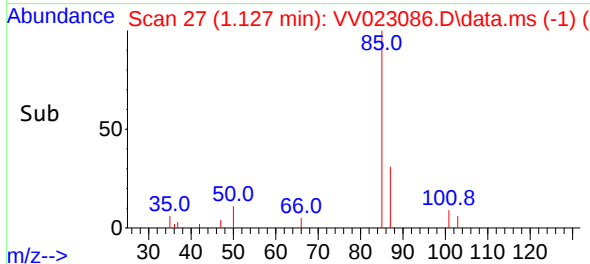
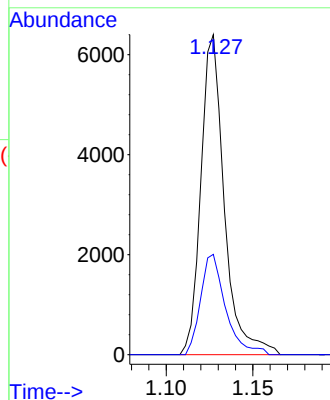
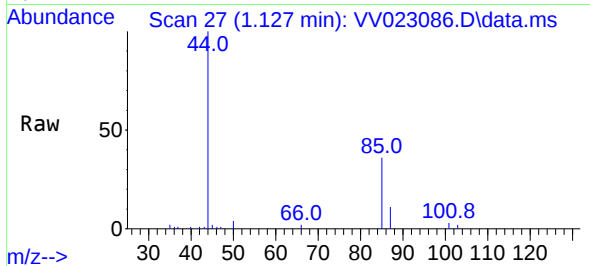
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 Dichlorodifluoromethane
 Concen: 2.405 ug/L
 RT: 1.127 min Scan# 27
 Delta R.T. -0.003 min
 Lab File: VV023086.D
 Acq: 28 Oct 2021 20:05

Tgt Ion: 85 Resp: 6012
 Ion Ratio Lower Upper
 85 100
 87 32.8 26.2 39.2

Instrument :
 MSVOA_V
 ClientSampled :
 MDL01

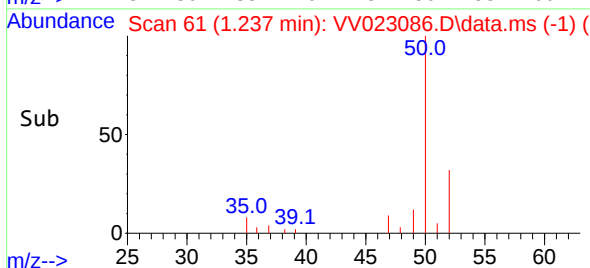
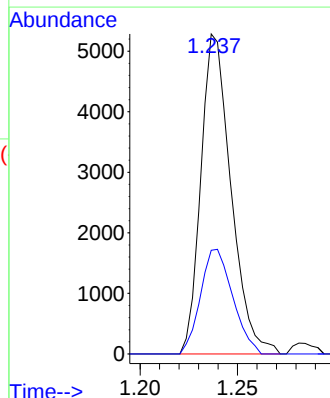
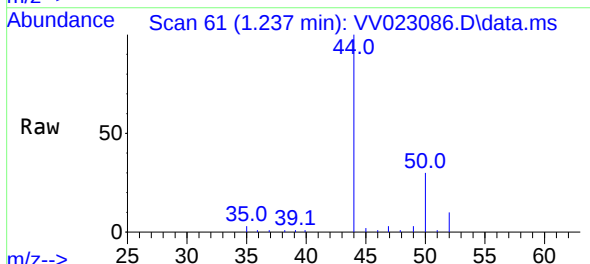
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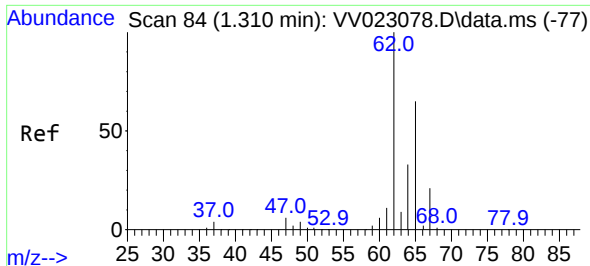
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#3
 Chloromethane
 Concen: 2.409 ug/L
 RT: 1.237 min Scan# 61
 Delta R.T. -0.006 min
 Lab File: VV023086.D
 Acq: 28 Oct 2021 20:05

Tgt Ion: 50 Resp: 5681
 Ion Ratio Lower Upper
 50 100
 52 32.4 22.5 41.9





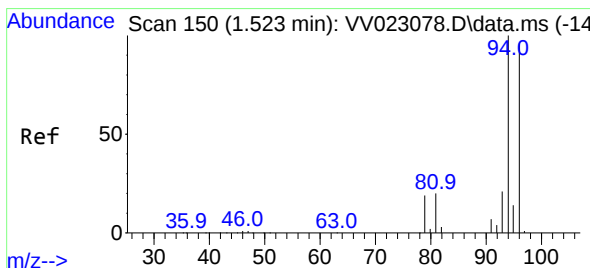
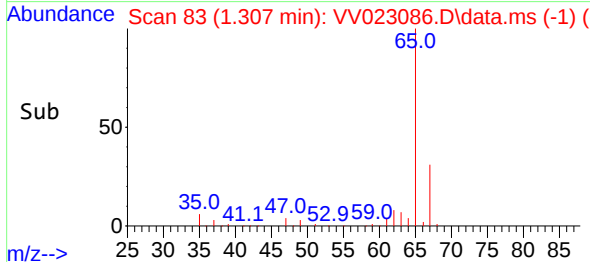
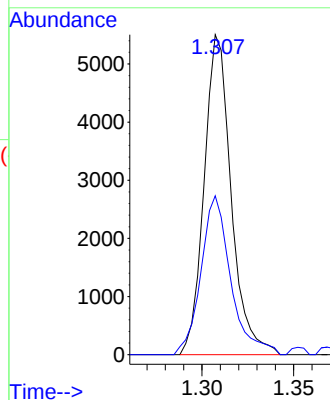
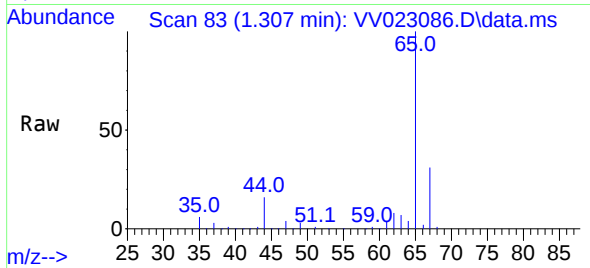
#5
 Vinyl chloride
 Concen: 2.401 ug/L
 RT: 1.307 min Scan# 83
 Delta R.T. -0.003 min
 Lab File: VV023086.D
 Acq: 28 Oct 2021 20:05

Tgt Ion: 62 Resp: 5659
 Ion Ratio Lower Upper
 62 100
 64 49.7 23.4 43.4#

Instrument :
 MSVOA_V
 ClientSampleId :
 MDL01

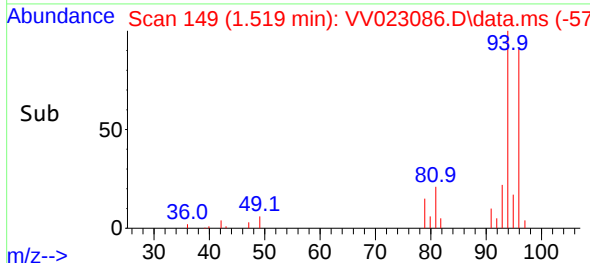
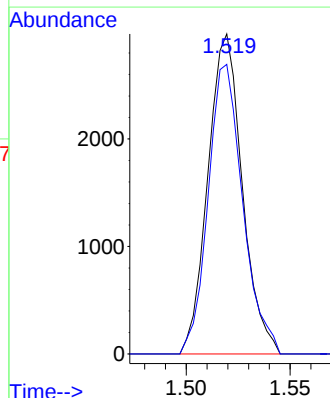
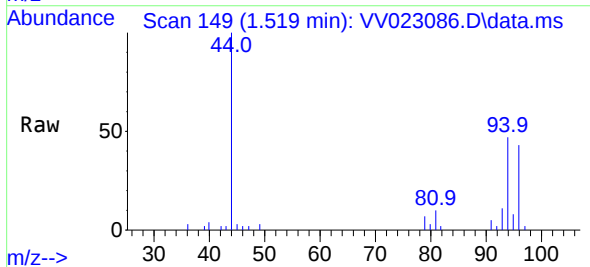
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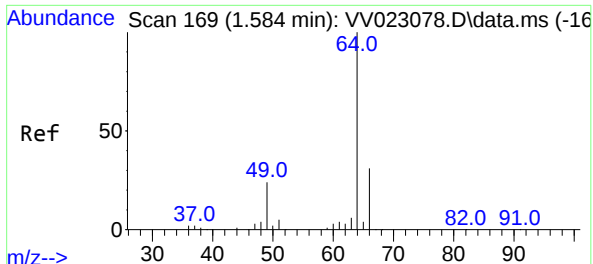
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#6
 Bromomethane
 Concen: 2.589 ug/L
 RT: 1.519 min Scan# 149
 Delta R.T. -0.003 min
 Lab File: VV023086.D
 Acq: 28 Oct 2021 20:05

Tgt Ion: 94 Resp: 3427
 Ion Ratio Lower Upper
 94 100
 96 90.5 66.8 124.2





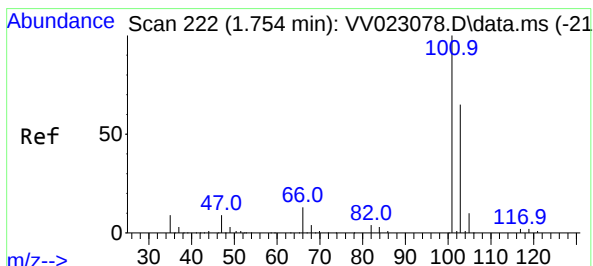
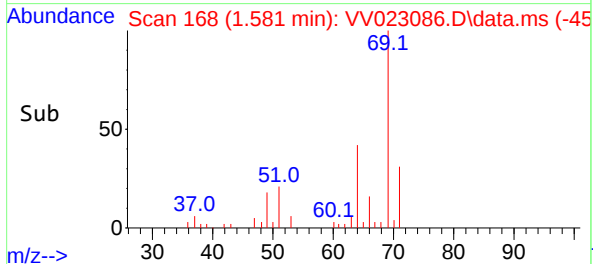
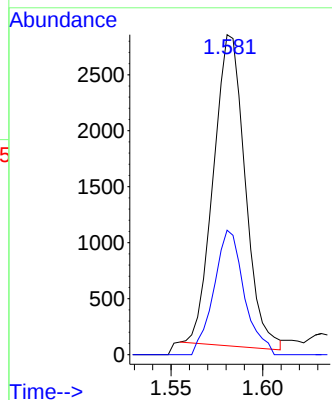
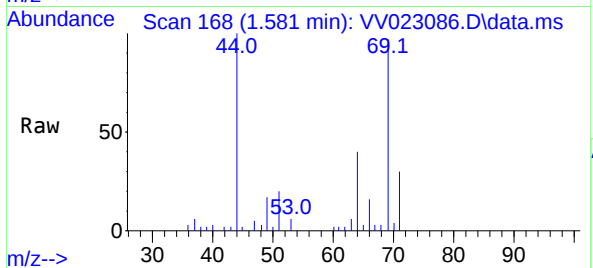
#8
Chloroethane
Concen: 2.318 ug/L
RT: 1.581 min Scan# 168
Delta R.T. -0.003 min
Lab File: VV023086.D
Acq: 28 Oct 2021 20:05

Tgt Ion: 64 Resp: 3326
Ion Ratio Lower Upper
64 100
66 38.9 21.3 39.6

Instrument :
MSVOA_V
ClientSampled :
MDL01

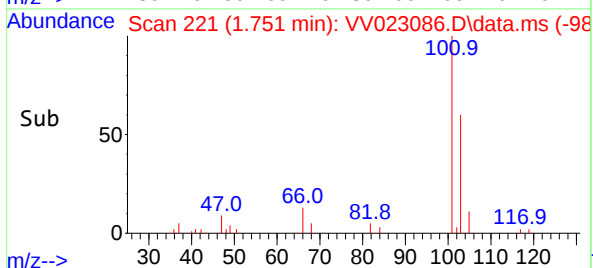
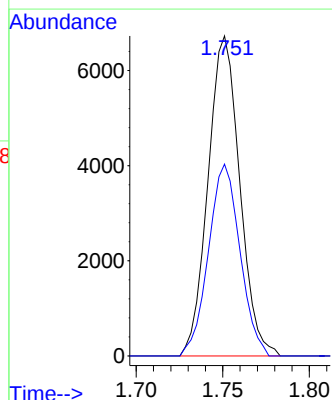
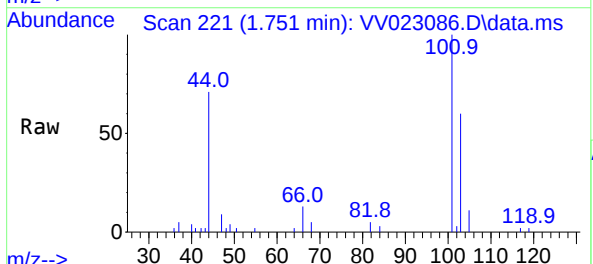
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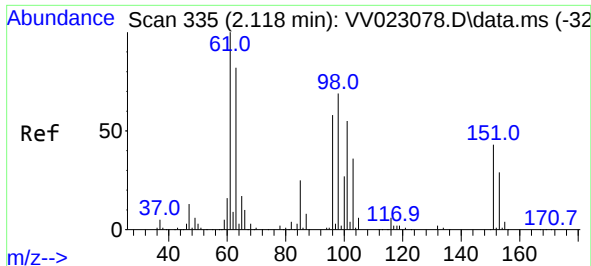
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#9
Trichlorofluoromethane
Concen: 2.396 ug/L
RT: 1.751 min Scan# 221
Delta R.T. -0.003 min
Lab File: VV023086.D
Acq: 28 Oct 2021 20:05

Tgt Ion: 101 Resp: 8567
Ion Ratio Lower Upper
101 100
103 59.6 52.2 78.2





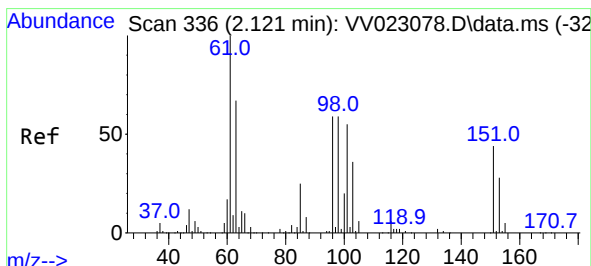
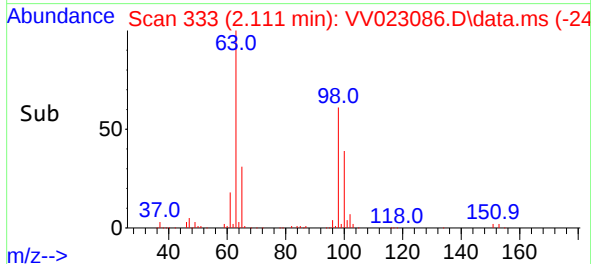
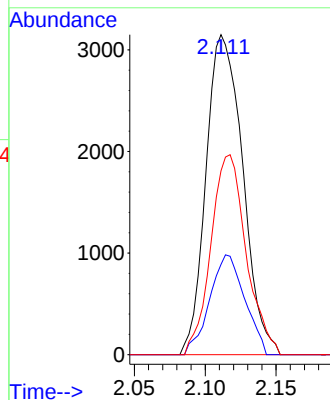
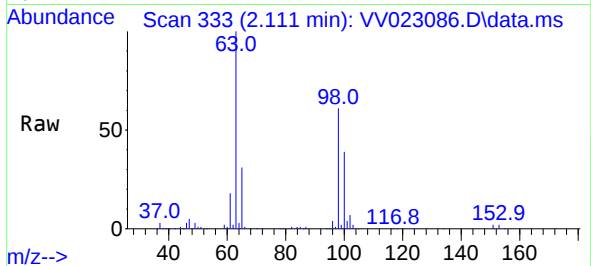
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 2.991 ug/L
RT: 2.111 min Scan# 333
Delta R.T. -0.006 min
Lab File: VV023086.D
Acq: 28 Oct 2021 20:05

Instrument :
MSVOA_V
ClientSampled :
MDL01

Tgt Ion:101 Resp: 5679
Ion Ratio Lower Upper
101 100
85 29.8 35.1 52.7#
151 60.1 63.4 95.2#

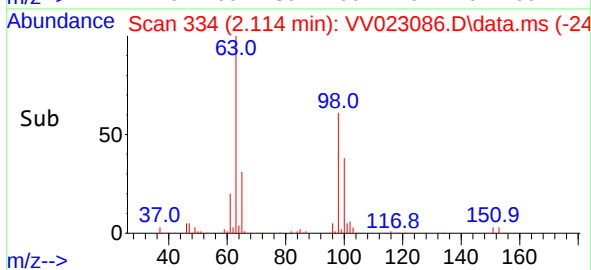
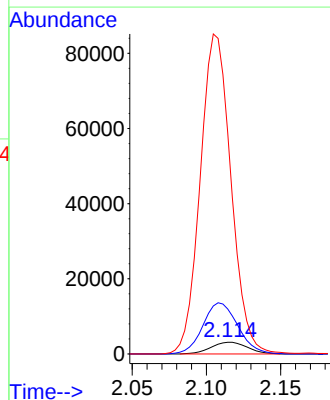
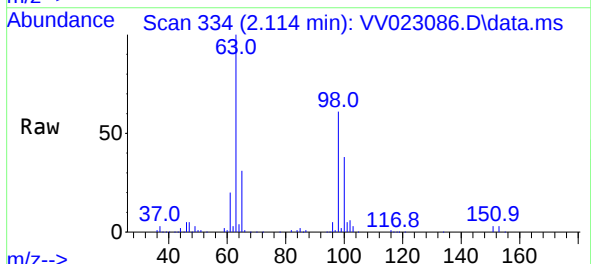
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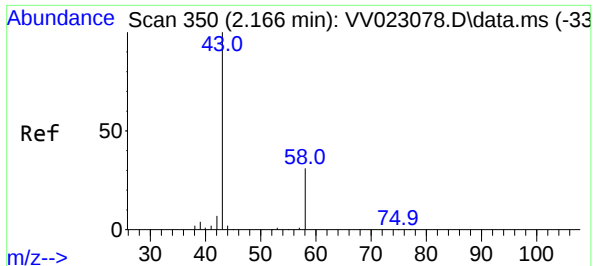
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#12
1,1-Dichloroethene
Concen: 3.021 ug/L
RT: 2.114 min Scan# 334
Delta R.T. -0.006 min
Lab File: VV023086.D
Acq: 28 Oct 2021 20:05

Tgt Ion: 96 Resp: 5323
Ion Ratio Lower Upper
96 100
61 382.7 117.7 218.7#
63 1883.9 79.2 147.2#





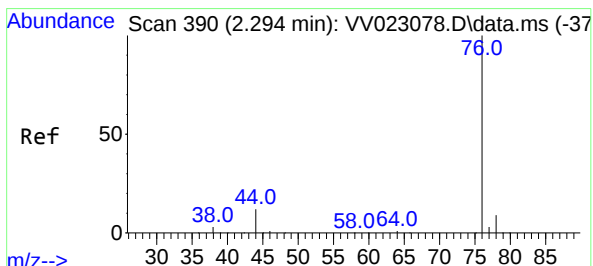
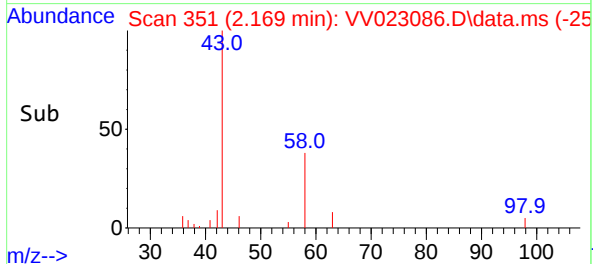
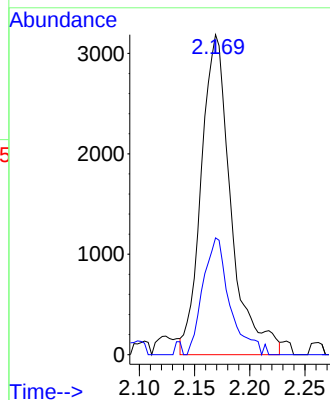
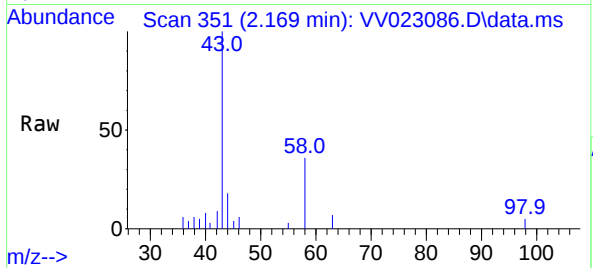
#13
Acetone
Concen: 4.428 ug/L m
RT: 2.169 min Scan# 351
Delta R.T. 0.003 min
Lab File: VV023086.D
Acq: 28 Oct 2021 20:05

Tgt Ion: 43 Resp: 5961
Ion Ratio Lower Upper
43 100
58 32.2 0.0 0.4#

Instrument :
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MDL01

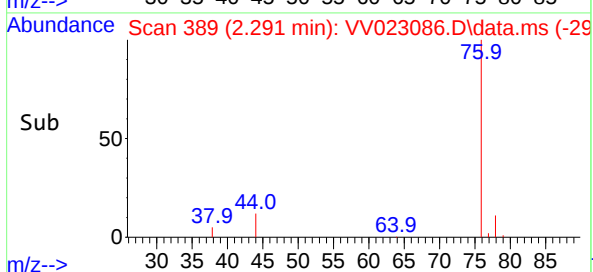
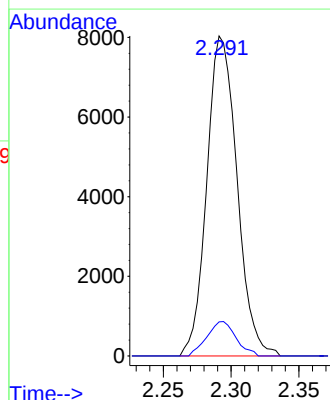
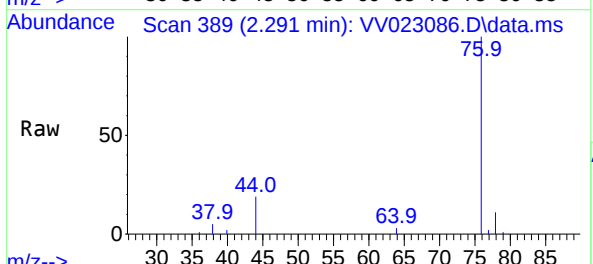
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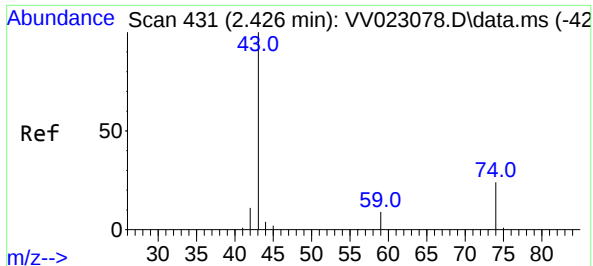
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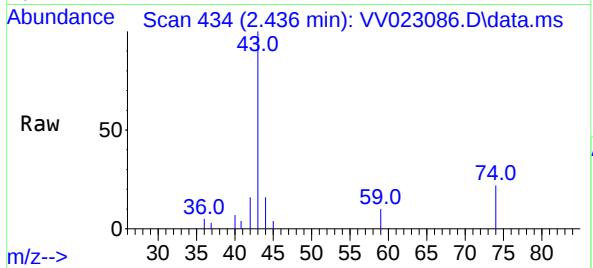
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Carbon disulfide
Concen: 2.369 ug/L
RT: 2.291 min Scan# 389
Delta R.T. -0.003 min
Lab File: VV023086.D
Acq: 28 Oct 2021 20:05

Tgt Ion: 76 Resp: 12479
Ion Ratio Lower Upper
76 100
78 10.7 7.4 11.0

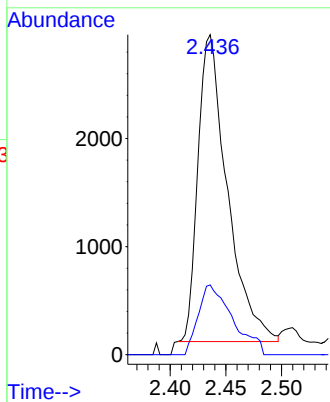
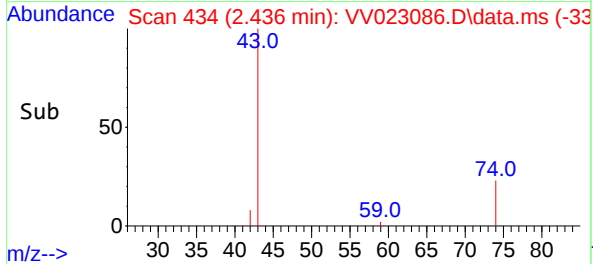




#15
Methyl Acetate
Concen: 2.329 ug/L
RT: 2.436 min Scan# 434
Delta R.T. 0.010 min
Lab File: VV023086.D
Acq: 28 Oct 2021 20:05



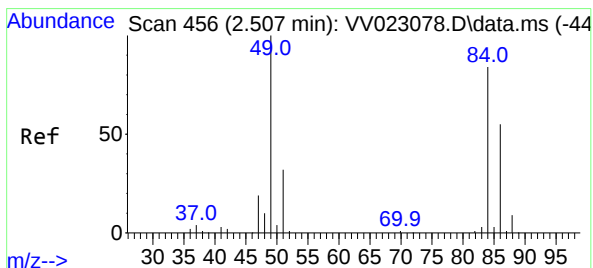
Tgt Ion: 43 Resp: 5204
Ion Ratio Lower Upper
43 100
74 26.6 19.4 29.2



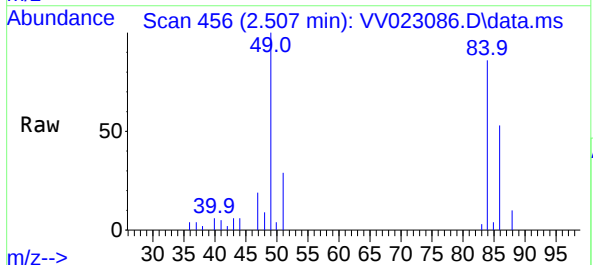
Instrument :
MSVOA_V
ClientSampled :
MDL01

Manual Integrations
APPROVED

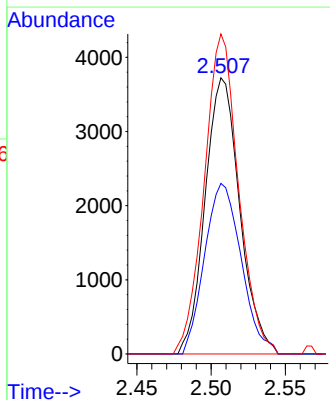
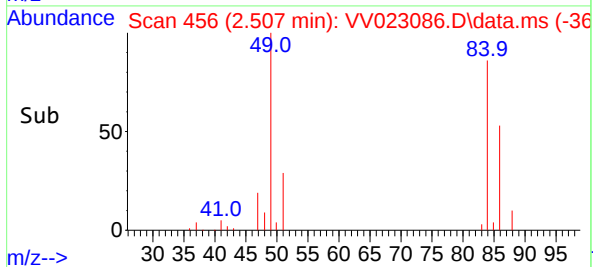
SAM
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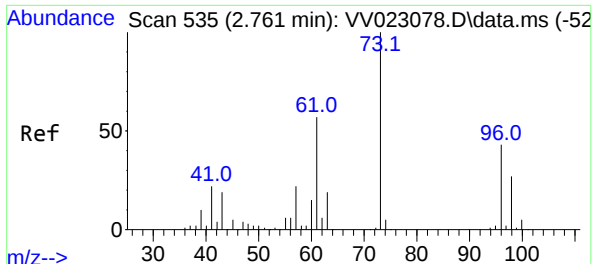


#16
Methylene chloride
Concen: 2.680 ug/L
RT: 2.507 min Scan# 456
Delta R.T. -0.000 min
Lab File: VV023086.D
Acq: 28 Oct 2021 20:05



Tgt Ion: 84 Resp: 6049
Ion Ratio Lower Upper
84 100
86 61.8 45.4 84.2
49 115.9 83.0 154.1





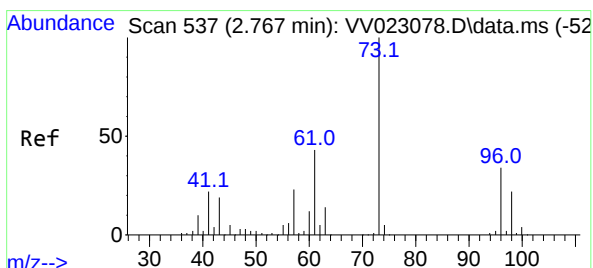
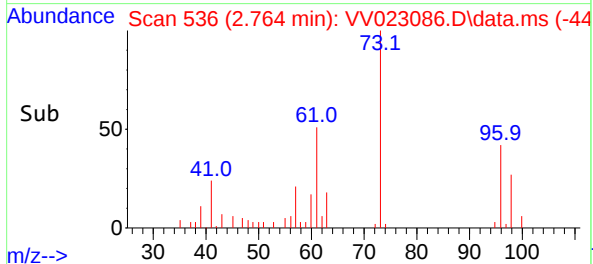
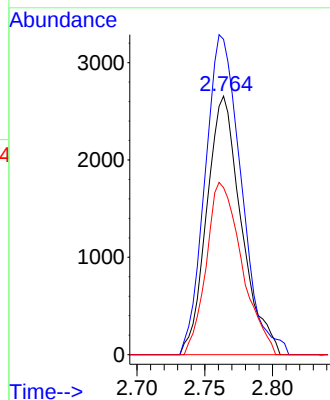
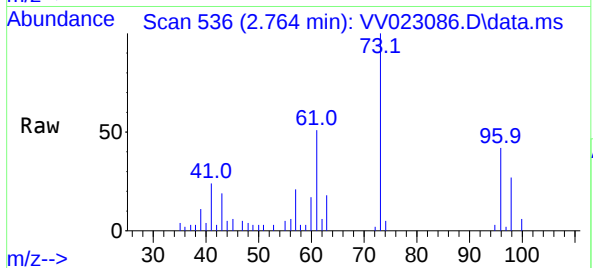
#17
trans-1,2-Dichloroethene
Concen: 2.343 ug/L
RT: 2.764 min Scan# 536
Delta R.T. 0.003 min
Lab File: VV023086.D
Acq: 28 Oct 2021 20:05

Tgt Ion: 96 Resp: 4710
Ion Ratio Lower Upper
96 100
61 122.0 92.2 171.2
98 64.6 44.1 81.9

Instrument :
MSVOA_V
ClientSampled :
MDL01

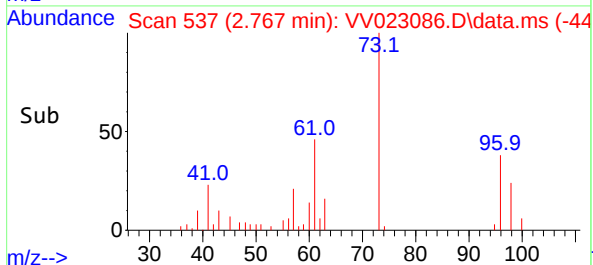
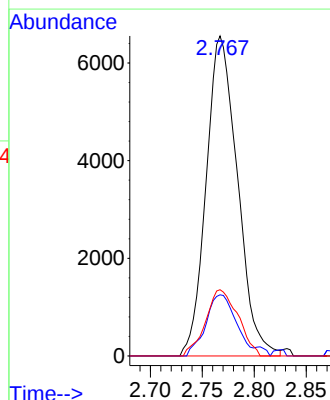
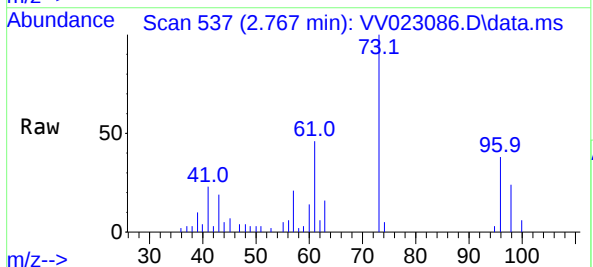
Manual Integrations
APPROVED

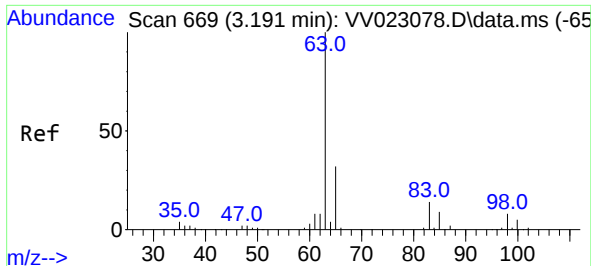
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#18
Methyl tert-butyl Ether
Concen: 2.277 ug/L
RT: 2.767 min Scan# 537
Delta R.T. 0.000 min
Lab File: VV023086.D
Acq: 28 Oct 2021 20:05

Tgt Ion: 73 Resp: 13748
Ion Ratio Lower Upper
73 100
43 18.4 14.9 22.3
57 21.4 17.6 26.4





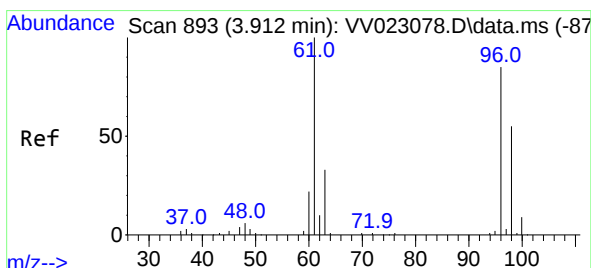
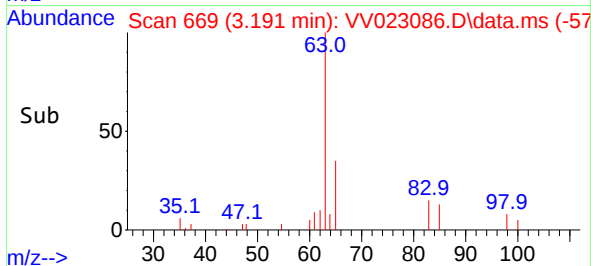
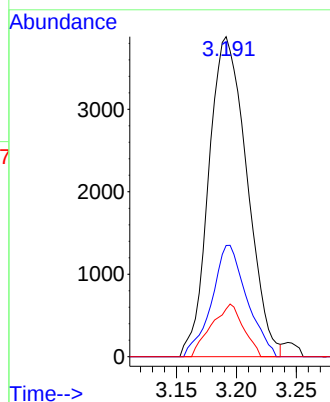
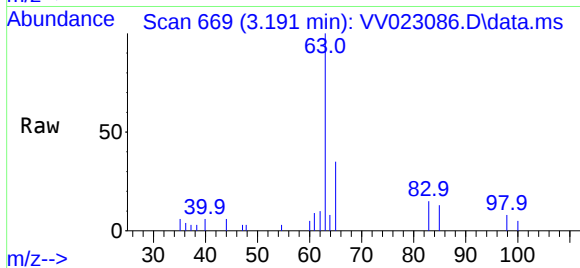
#19
1,1-Dichloroethane
Concen: 2.292 ug/L
RT: 3.191 min Scan# 669
Delta R.T. -0.000 min
Lab File: VV023086.D
Acq: 28 Oct 2021 20:05

Tgt Ion:	63	Resp:	8584
Ion	Ratio	Lower	Upper
63	100		
65	34.8	22.3	41.5
83	14.9	9.8	18.2

Instrument :
MSVOA_V
ClientSampled :
MDL01

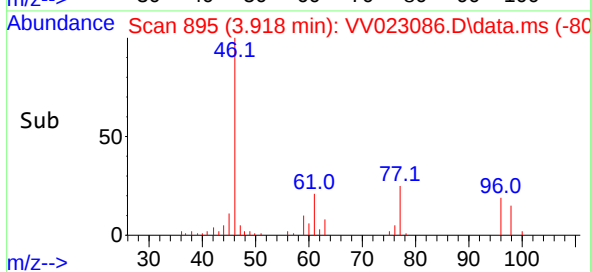
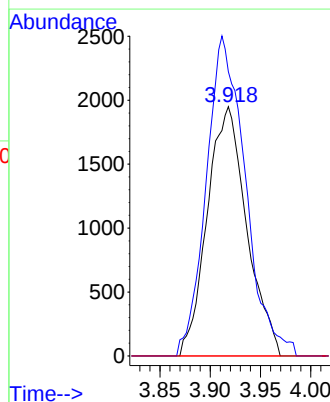
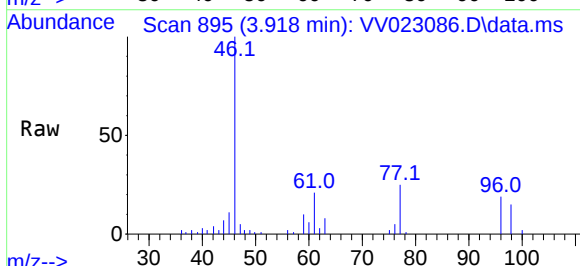
Manual Integrations
APPROVED

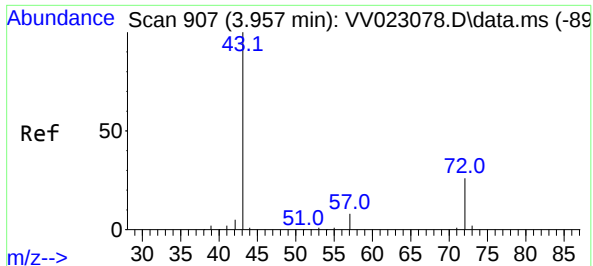
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#20
cis-1,2-Dichloroethene
Concen: 2.475 ug/L
RT: 3.918 min Scan# 895
Delta R.T. 0.006 min
Lab File: VV023086.D
Acq: 28 Oct 2021 20:05

Tgt Ion:	96	Resp:	5319
Ion	Ratio	Lower	Upper
96	100		
61	114.1	83.0	154.1
68	0.0	0.0	0.0





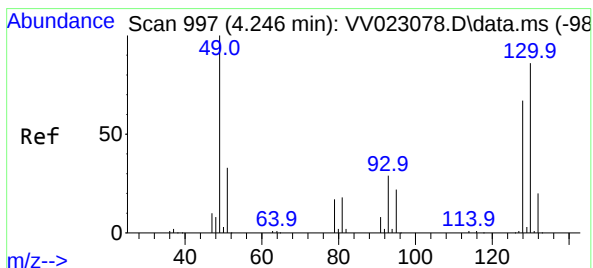
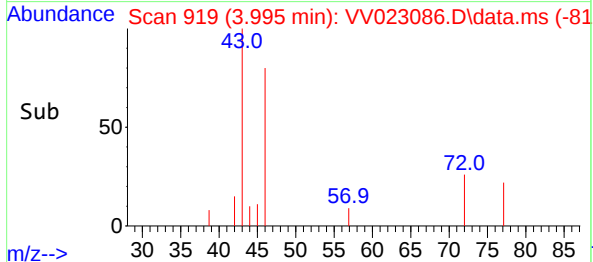
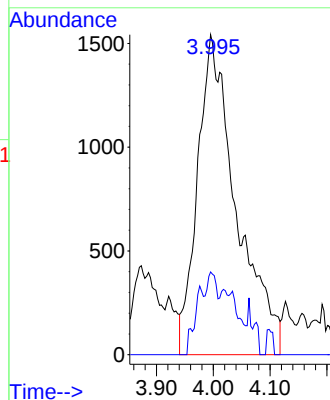
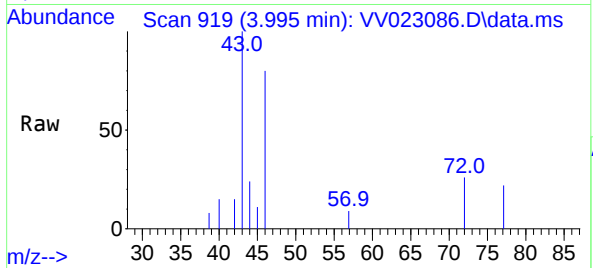
#22
2-Butanone
Concen: 4.772 ug/L m
RT: 3.995 min Scan# 919
Delta R.T. 0.039 min
Lab File: VV023086.D
Acq: 28 Oct 2021 20:05

Tgt Ion: 43 Resp: 7321
Ion Ratio Lower Upper
43 100
72 1.0 13.4 40.1#

Instrument :
MSVOA_V
ClientSampled :
MDL01

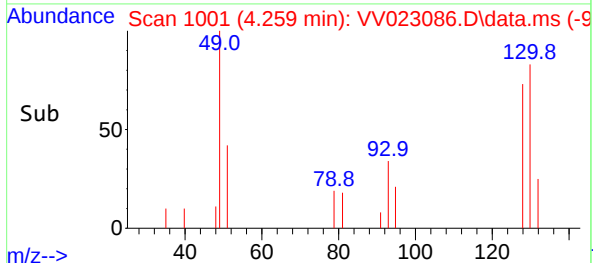
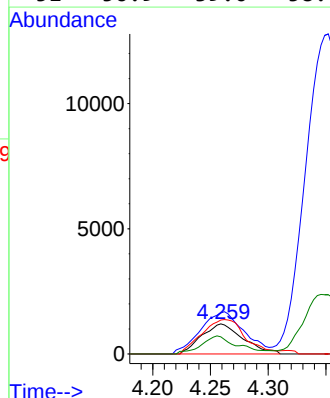
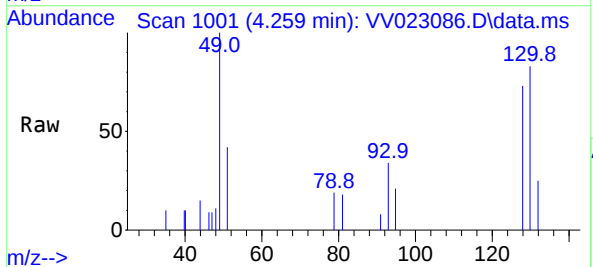
Manual Integrations
APPROVED

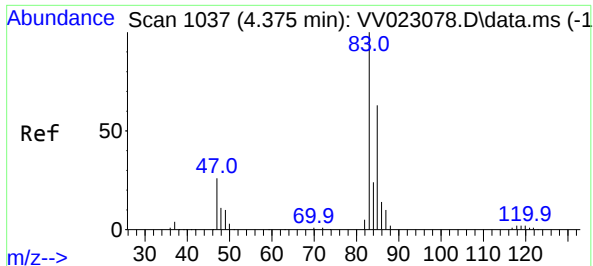
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#23
Bromochloromethane
Concen: 2.465 ug/L
RT: 4.259 min Scan# 1001
Delta R.T. 0.013 min
Lab File: VV023086.D
Acq: 28 Oct 2021 20:05

Tgt Ion:128 Resp: 2985
Ion Ratio Lower Upper
128 100
49 136.6 104.7 194.4
130 112.8 89.7 166.7
51 56.9 39.0 58.4





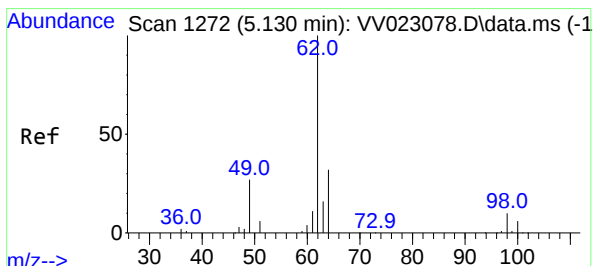
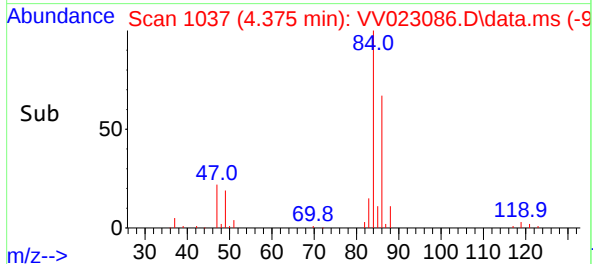
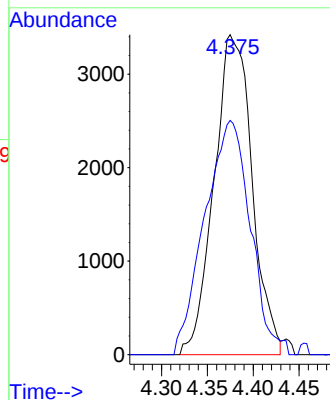
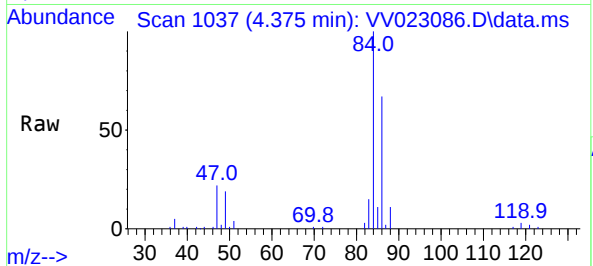
#25
Chloroform
Concen: 2.566 ug/L
RT: 4.375 min Scan# 1037
Delta R.T. 0.000 min
Lab File: VV023086.D
Acq: 28 Oct 2021 20:05

Tgt Ion: 83 Resp: 9886
Ion Ratio Lower Upper
83 100
85 73.2 44.4 82.4

Instrument :
MSVOA_V
ClientSampled :
MDL01

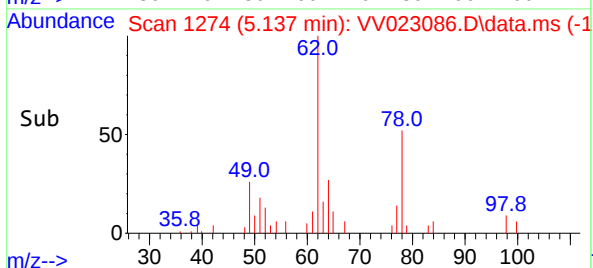
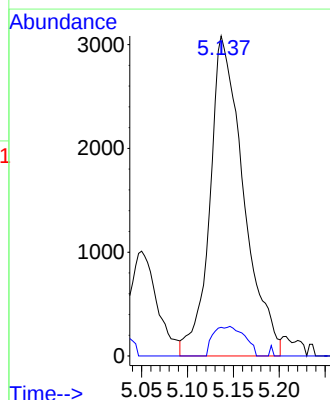
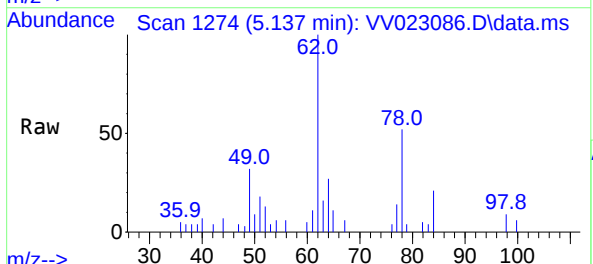
Manual Integrations
APPROVED

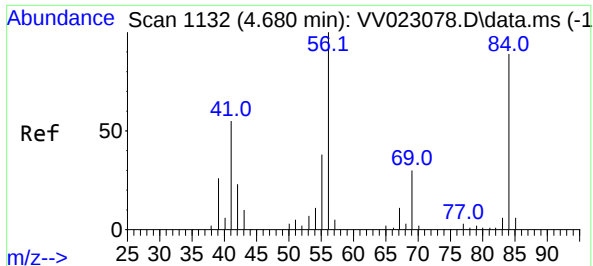
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#27
1,2-Dichloroethane
Concen: 2.717 ug/L
RT: 5.137 min Scan# 1274
Delta R.T. 0.006 min
Lab File: VV023086.D
Acq: 28 Oct 2021 20:05

Tgt Ion: 62 Resp: 7857
Ion Ratio Lower Upper
62 100
98 9.0 8.2 12.4





#29

Cyclohexane

Concen: 2.298 ug/L

RT: 4.680 min Scan# 1132

Delta R.T. -0.000 min

Lab File: VV023086.D

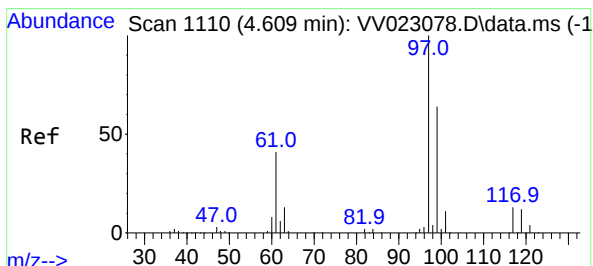
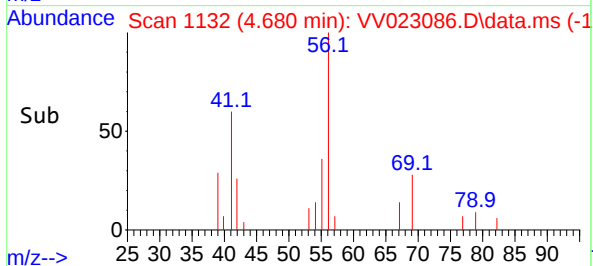
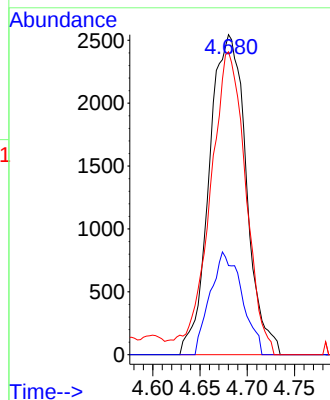
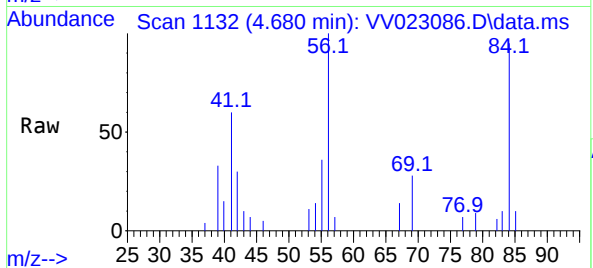
Acq: 28 Oct 2021 20:05

Tgt Ion:	56	Resp:	6887
Ion	Ratio	Lower	Upper
56	100		
69	18.2	24.6	36.8#
84	90.2	72.8	109.2

Instrument :
MSVOA_V
ClientSampled :
MDL01

Manual Integrations
APPROVED

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#30

1,1,1-Trichloroethane

Concen: 2.313 ug/L

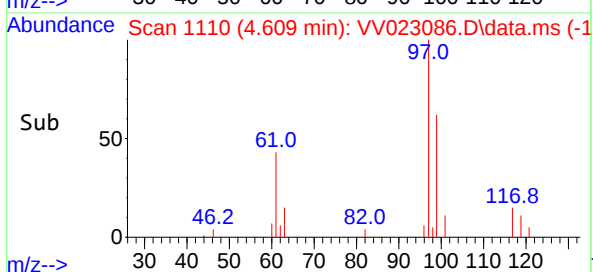
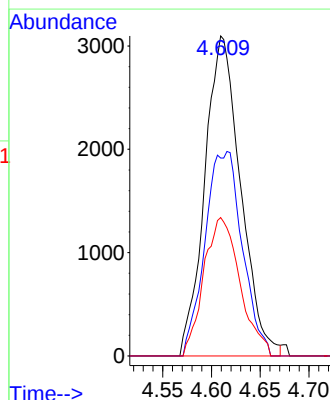
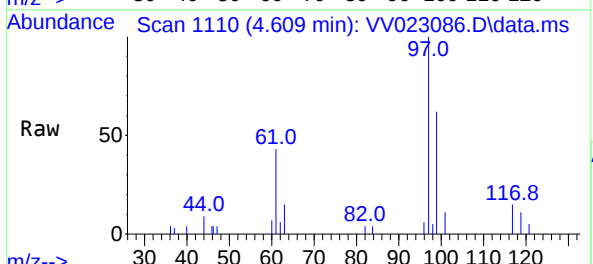
RT: 4.609 min Scan# 1110

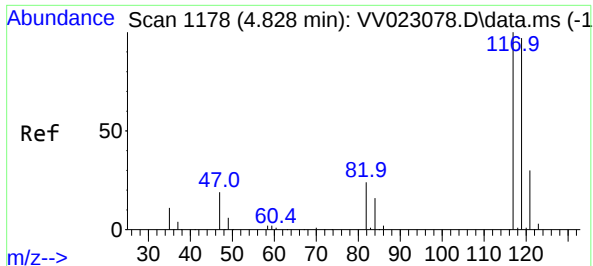
Delta R.T. 0.000 min

Lab File: VV023086.D

Acq: 28 Oct 2021 20:05

Tgt Ion:	97	Resp:	7913
Ion	Ratio	Lower	Upper
97	100		
99	30.8	51.9	77.9#
61	43.7	33.8	50.6





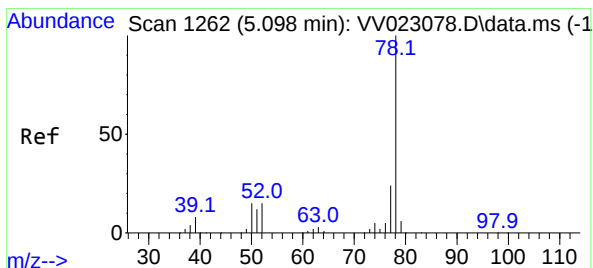
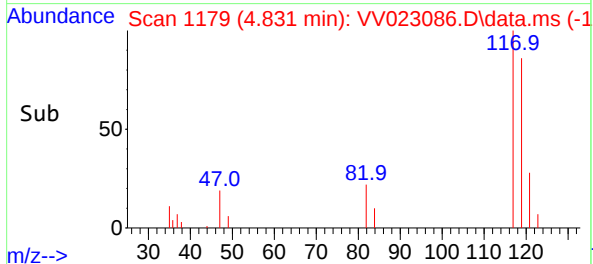
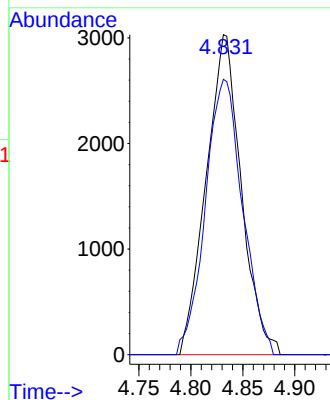
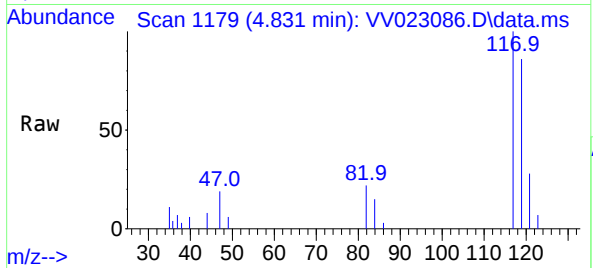
#31
Carbon tetrachloride
Concen: 2.317 ug/L
RT: 4.831 min Scan# 1179
Delta R.T. 0.003 min
Lab File: VV023086.D
Acq: 28 Oct 2021 20:05

Instrument :
MSVOA_V
ClientSampled :
MDL01

Tgt Ion:117 Resp: 7125
Ion Ratio Lower Upper
117 100
119 91.2 77.0 115.4

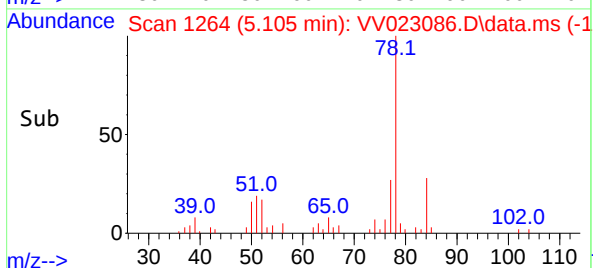
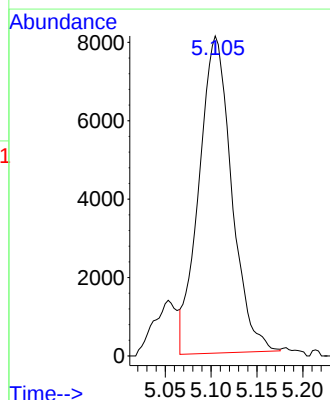
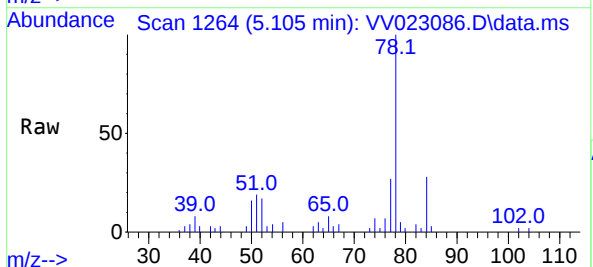
Manual Integrations
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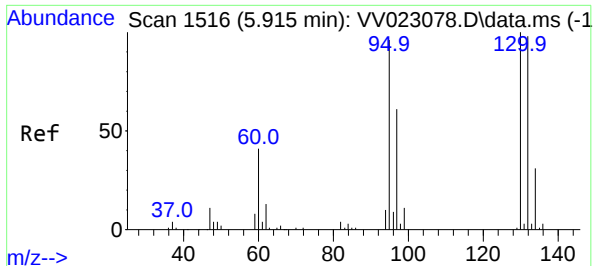
SAM
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#33
Benzene
Concen: 2.506 ug/L
RT: 5.105 min Scan# 1264
Delta R.T. 0.006 min
Lab File: VV023086.D
Acq: 28 Oct 2021 20:05

Tgt Ion: 78 Resp: 20042





#34
Trichloroethene
Concen: 2.306 ug/L
RT: 5.924 min Scan# 1519
Delta R.T. 0.010 min
Lab File: VV023086.D
Acq: 28 Oct 2021 20:05

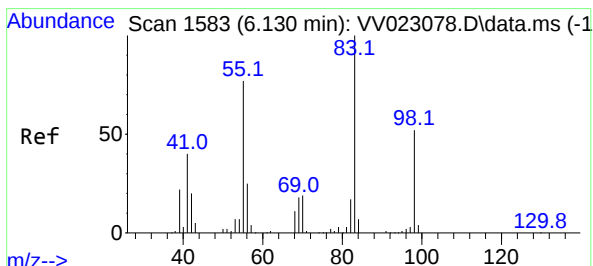
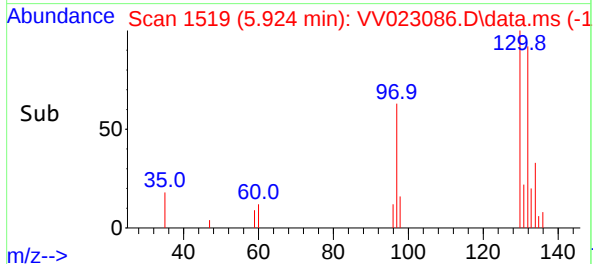
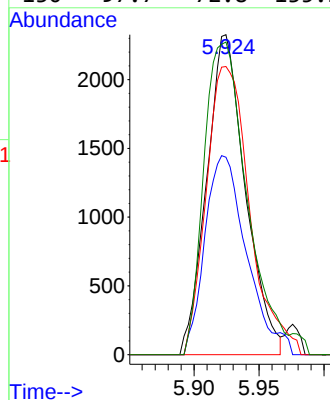
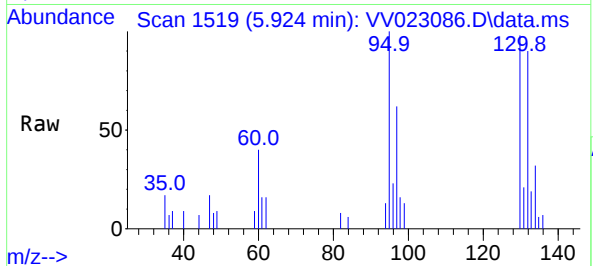
Tgt Ion: 95 Resp: 4819

Ion	Ratio	Lower	Upper
95	100		
97	61.7	44.4	82.5
132	90.0	71.5	132.9
130	97.7	72.8	135.2

Instrument :
MSVOA_V
ClientSampled :
MDL01

Manual Integrations
APPROVED

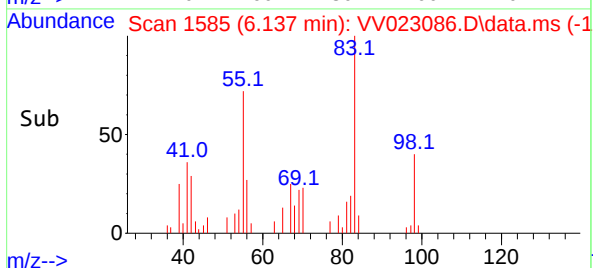
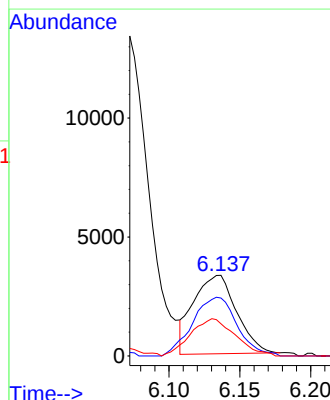
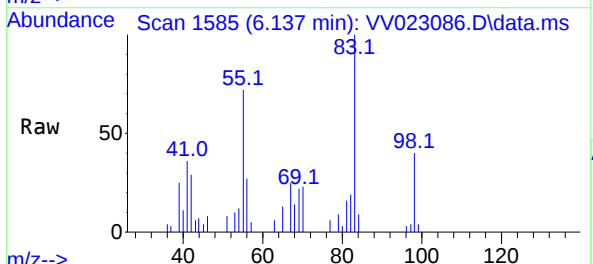
SAM
11/1/2021 6:35:41 PM

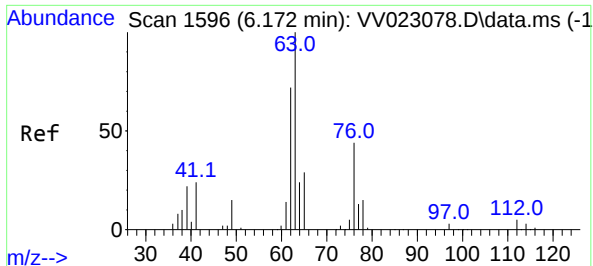


#35
Methylcyclohexane
Concen: 2.138 ug/L
RT: 6.137 min Scan# 1585
Delta R.T. 0.006 min
Lab File: VV023086.D
Acq: 28 Oct 2021 20:05

Tgt Ion: 83 Resp: 6963

Ion	Ratio	Lower	Upper
83	100		
55	77.6	60.1	90.1
98	49.6	41.2	61.8





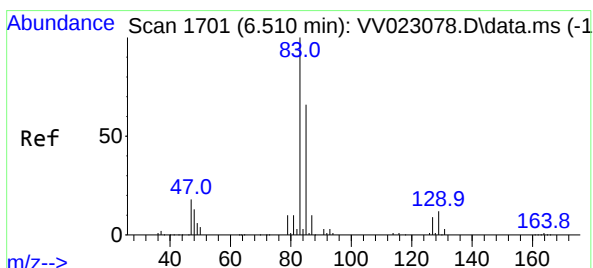
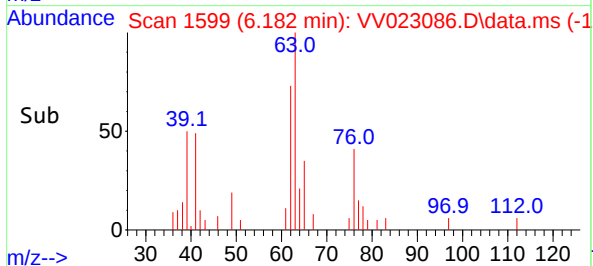
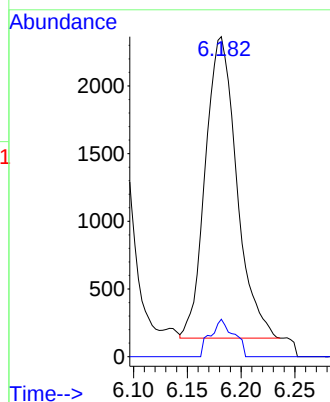
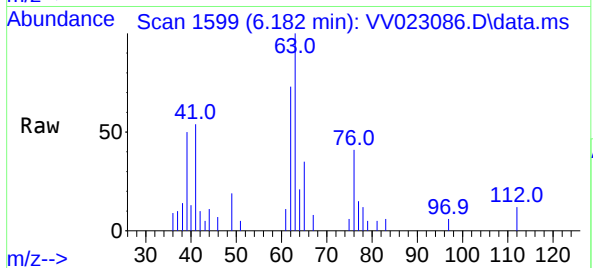
#37
1,2-Dichloropropane
Concen: 2.152 ug/L
RT: 6.182 min Scan# 1599
Delta R.T. 0.010 min
Lab File: VV023086.D
Acq: 28 Oct 2021 20:05

Tgt Ion: 63 Resp: 4522
Ion Ratio Lower Upper
63 100
112 7.3 3.8 5.8#

Instrument :
MSVOA_V
ClientSampled :
MDL01

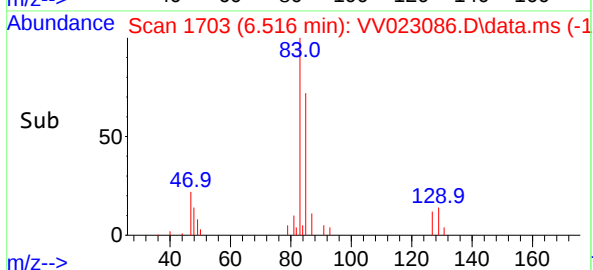
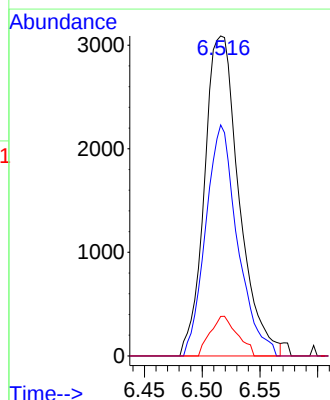
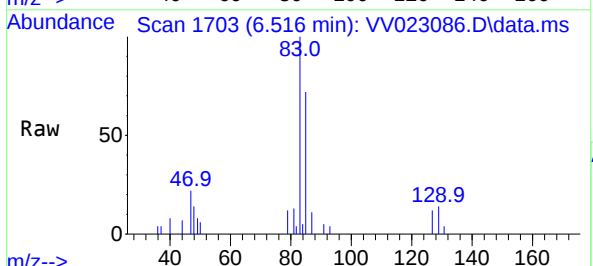
Manual Integrations
APPROVED

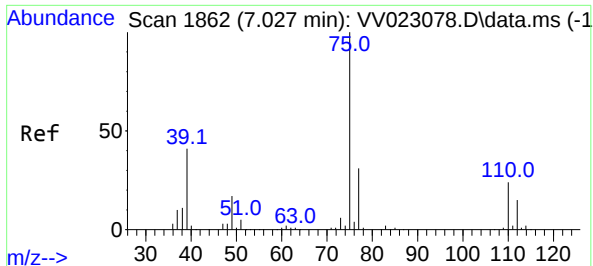
SAM
11/1/2021 6:35:41 PM



#38
Bromodichloromethane
Concen: 2.265 ug/L
RT: 6.516 min Scan# 1703
Delta R.T. 0.006 min
Lab File: VV023086.D
Acq: 28 Oct 2021 20:05

Tgt Ion: 83 Resp: 6443
Ion Ratio Lower Upper
83 100
85 72.2 46.1 85.5
127 12.3 7.4 11.0#





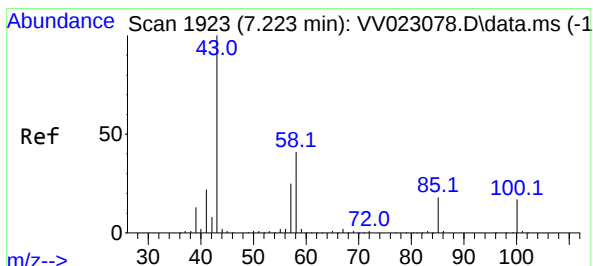
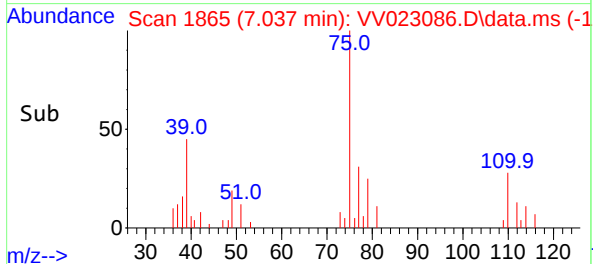
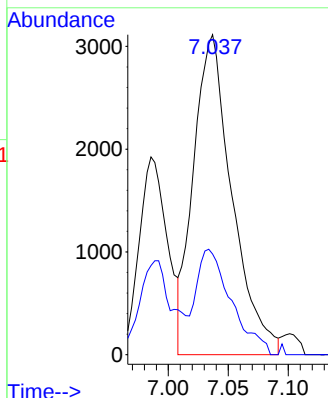
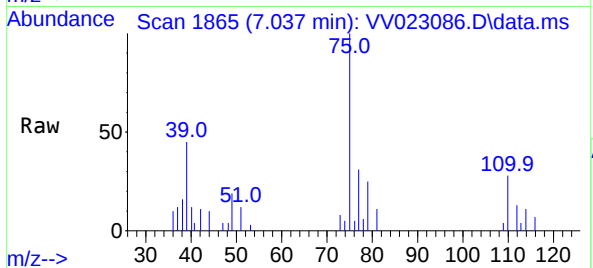
#39
cis-1,3-Dichloropropene
Concen: 2.189 ug/L
RT: 7.037 min Scan# 1865
Delta R.T. 0.010 min
Lab File: VV023086.D
Acq: 28 Oct 2021 20:05

Tgt Ion: 75 Resp: 6976
Ion Ratio Lower Upper
75 100
77 31.4 21.8 40.6

Instrument :
MSVOA_V
ClientSampled :
MDL01

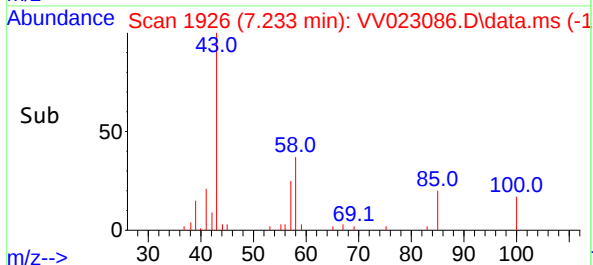
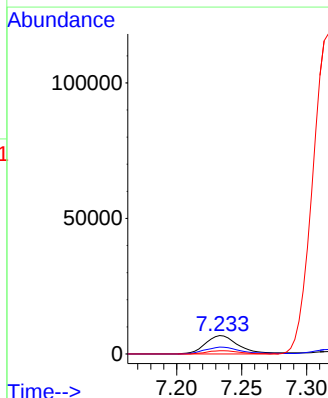
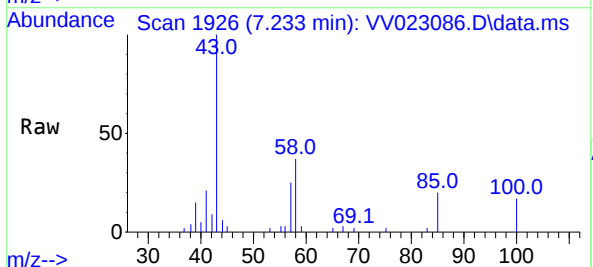
Manual Integrations
APPROVED

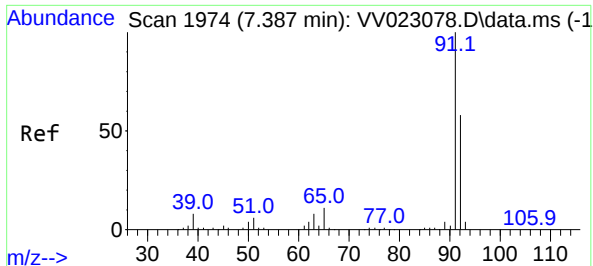
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#40
4-Methyl-2-pentanone
Concen: 4.417 ug/L
RT: 7.233 min Scan# 1926
Delta R.T. 0.010 min
Lab File: VV023086.D
Acq: 28 Oct 2021 20:05

Tgt Ion: 43 Resp: 11973
Ion Ratio Lower Upper
43 100
58 40.8 32.4 48.6
100 17.4 13.4 20.2





#42

Toluene

Concen: 2.801 ug/L

RT: 7.394 min Scan# 1976

Delta R.T. 0.006 min

Lab File: VV023086.D

Acq: 28 Oct 2021 20:05

Tgt Ion: 91 Resp: 23975

Ion Ratio Lower Upper

91 100

92 60.5 40.6 75.4

Instrument :

MSVOA_V

ClientSampled :

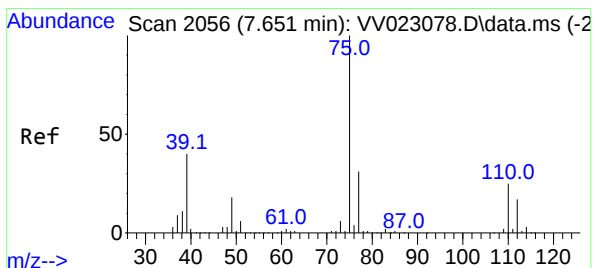
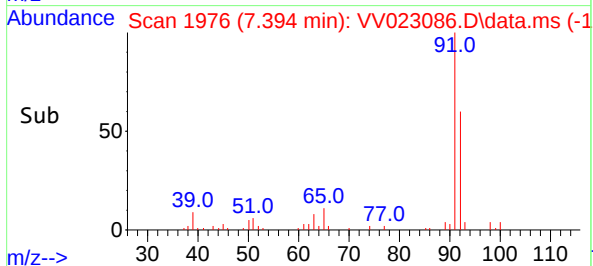
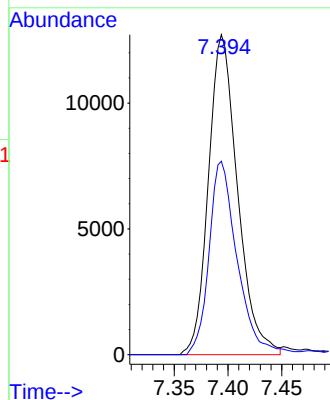
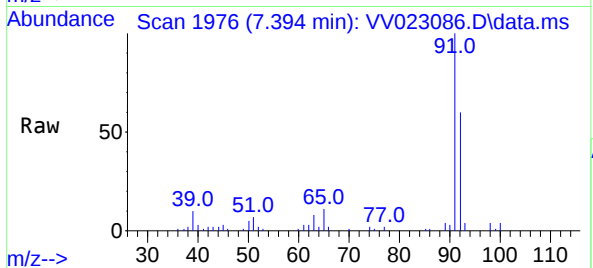
MDL01

Manual Integrations

APPROVED

SAM

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#44

trans-1,3-Dichloropropene

Concen: 2.407 ug/L m

RT: 7.657 min Scan# 2058

Delta R.T. 0.006 min

Lab File: VV023086.D

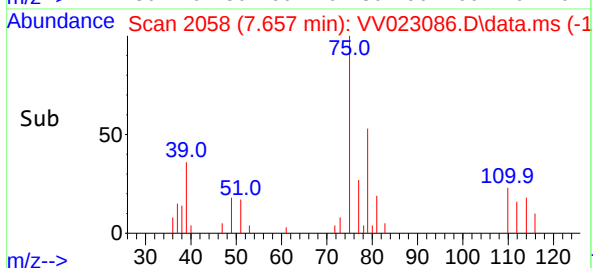
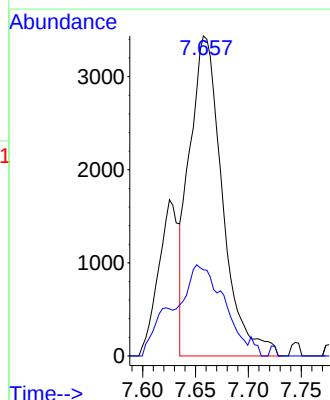
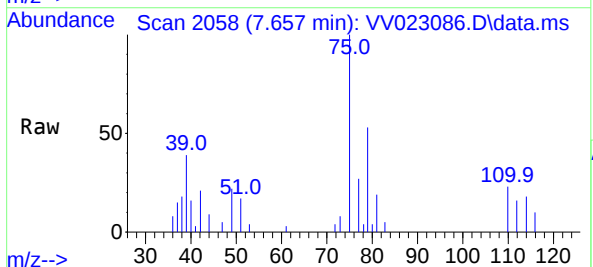
Acq: 28 Oct 2021 20:05

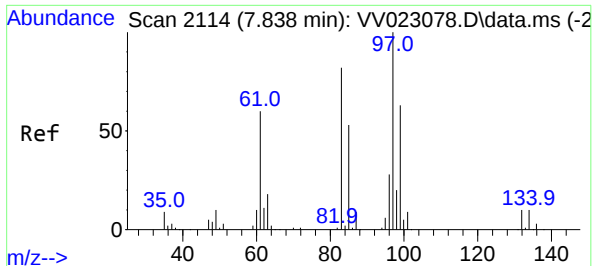
Tgt Ion: 75 Resp: 7437

Ion Ratio Lower Upper

75 100

77 26.9 21.4 39.8





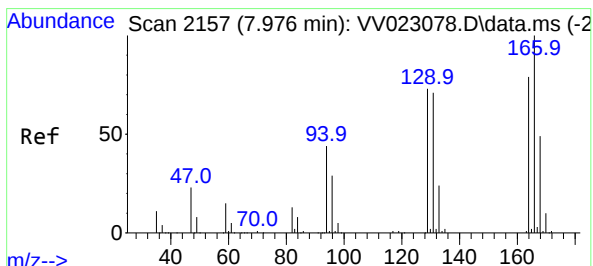
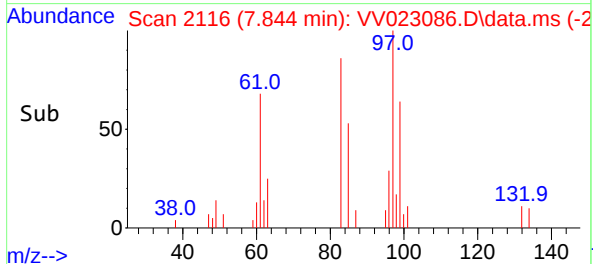
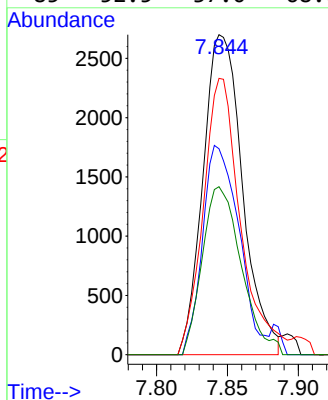
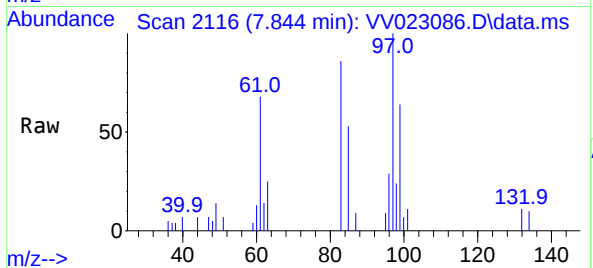
#45
1,1,2-Trichloroethane
Concen: 2.448 ug/L
RT: 7.844 min Scan# 2116
Delta R.T. 0.006 min
Lab File: VV023086.D
Acq: 28 Oct 2021 20:05

Tgt Ion: 97	Resp: 5254
Ion Ratio	Lower Upper
97 100	
99 64.4	44.2 82.2
83 86.3	57.7 107.1
85 52.5	37.0 68.6

Instrument :
MSVOA_V
ClientSampled :
MDL01

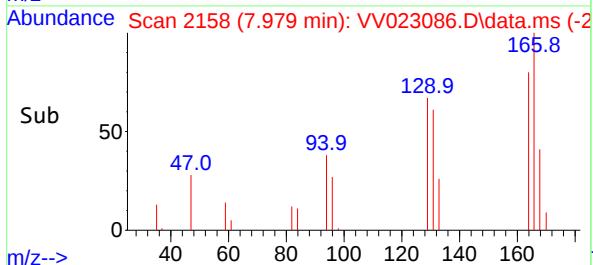
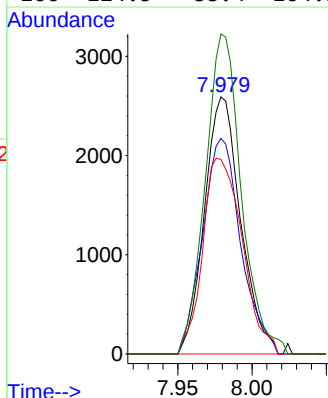
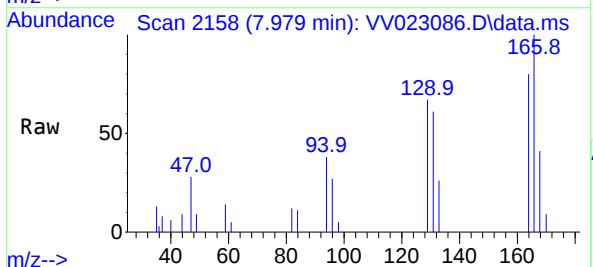
Manual Integrations
APPROVED

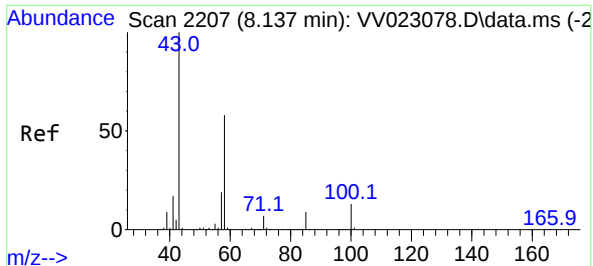
SAM
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#46
Tetrachloroethene
Concen: 2.442 ug/L
RT: 7.979 min Scan# 2158
Delta R.T. 0.003 min
Lab File: VV023086.D
Acq: 28 Oct 2021 20:05

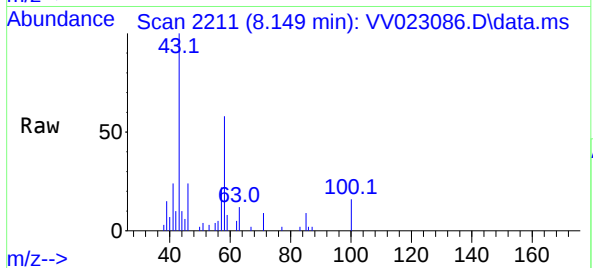
Tgt	Ion:164	Resp:	4399
Ion	Ratio	Lower	Upper
164	100		
129	83.8	64.6	120.0
131	75.7	62.9	116.7
166	124.5	88.4	164.2





#48
2-Hexanone
Concen: 4.569 ug/L
RT: 8.149 min Scan# 2211
Delta R.T. 0.013 min
Lab File: VV023086.D
Acq: 28 Oct 2021 20:05

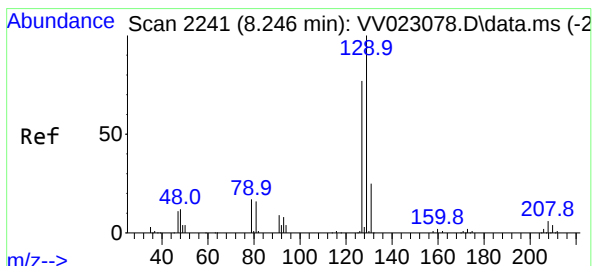
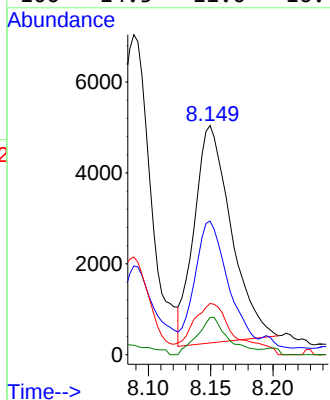
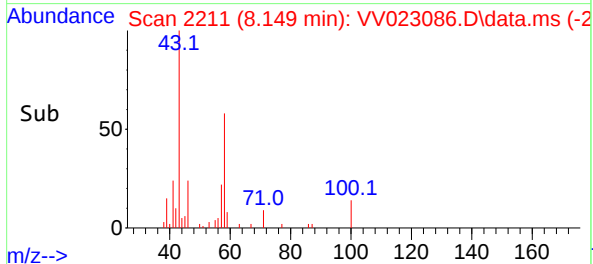
Instrument :
MSVOA_V
ClientSampled :
MDL01



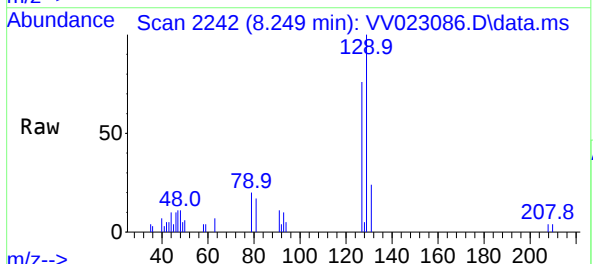
Tgt Ion: 43 Resp: 9834
Ion Ratio Lower Upper
43 100
58 55.4 45.6 68.4
57 26.5 15.4 23.0#
100 14.5 11.0 16.4

Manual Integrations
APPROVED

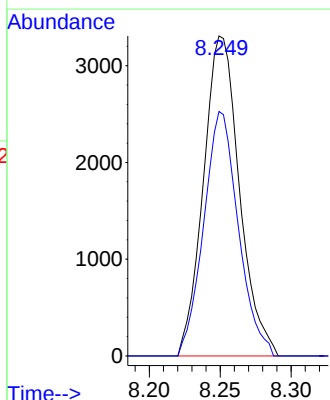
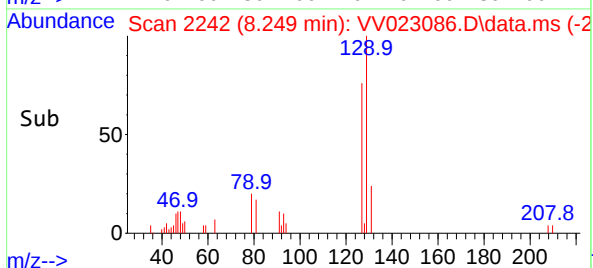
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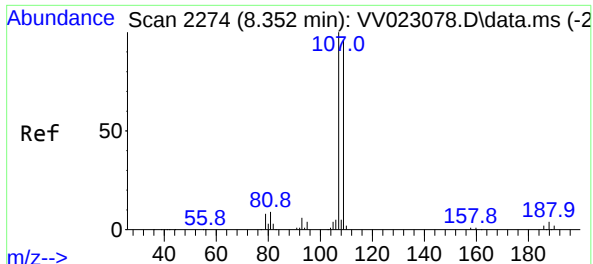


#49
Dibromochloromethane
Concen: 2.385 ug/L
RT: 8.249 min Scan# 2242
Delta R.T. 0.003 min
Lab File: VV023086.D
Acq: 28 Oct 2021 20:05



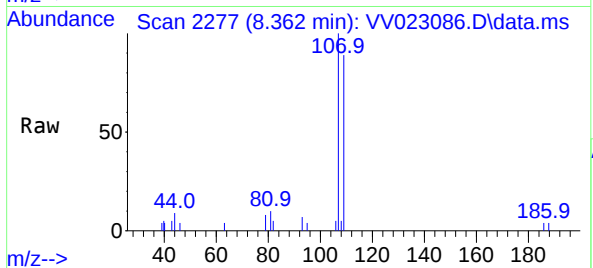
Tgt Ion: 129 Resp: 5848
Ion Ratio Lower Upper
129 100
127 76.4 53.9 100.1





#50
1,2-Dibromoethane
Concen: 2.331 ug/L
RT: 8.362 min Scan# 2277
Delta R.T. 0.010 min
Lab File: VV023086.D
Acq: 28 Oct 2021 20:05

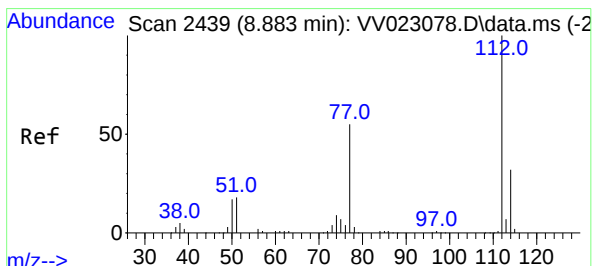
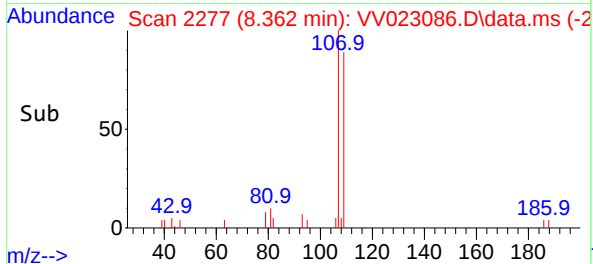
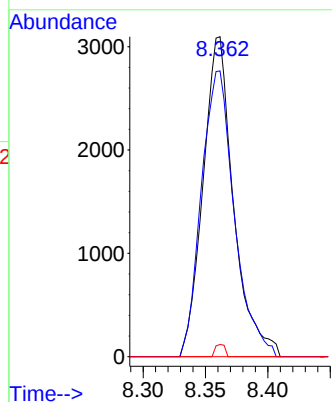
Instrument :
MSVOA_V
ClientSampled :
MDL01



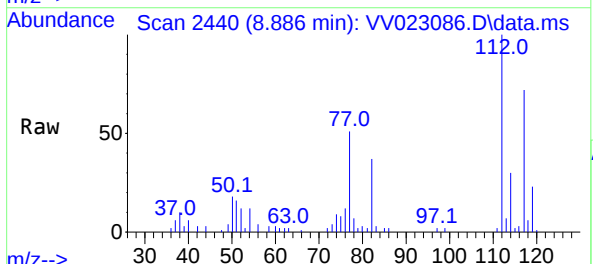
Tgt Ion:107 Resp: 5269
Ion Ratio Lower Upper
107 100
109 89.3 67.3 124.9
188 3.8 3.3 4.9

Manual Integrations
APPROVED

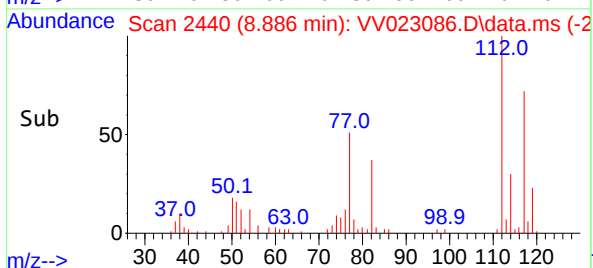
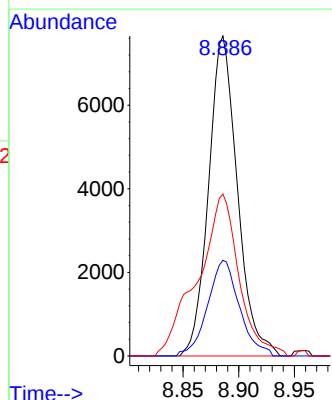
SAM
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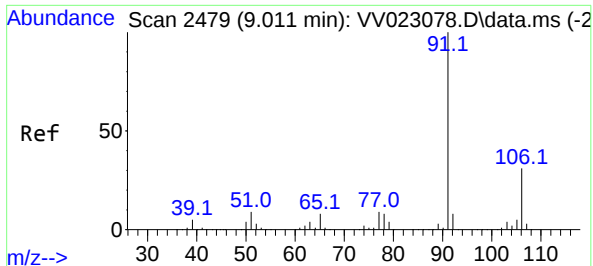


#51
Chlorobenzene
Concen: 2.387 ug/L
RT: 8.886 min Scan# 2440
Delta R.T. 0.003 min
Lab File: VV023086.D
Acq: 28 Oct 2021 20:05



Tgt Ion:112 Resp: 13801
Ion Ratio Lower Upper
112 100
114 29.9 22.2 41.2
77 50.6 44.6 67.0





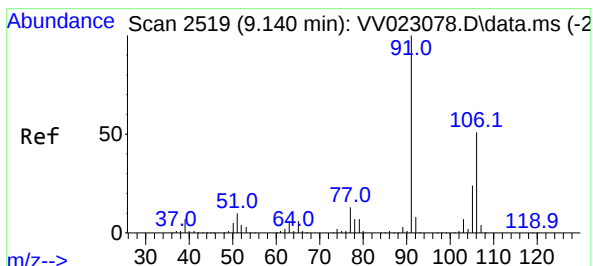
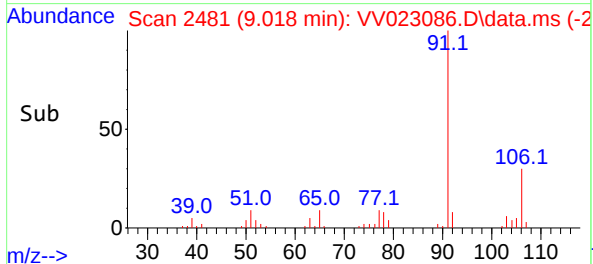
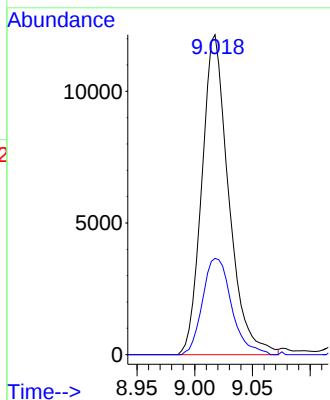
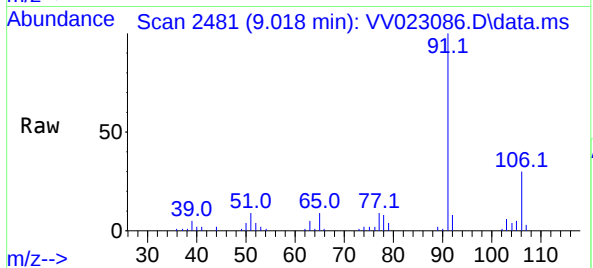
#52
Ethylbenzene
Concen: 2.158 ug/L
RT: 9.018 min Scan# 2481
Delta R.T. 0.006 min
Lab File: VV023086.D
Acq: 28 Oct 2021 20:05

Tgt Ion: 91 Resp: 19648
Ion Ratio Lower Upper
91 100
106 30.1 21.8 40.4

Instrument :
MSVOA_V
ClientSampled :
MDL01

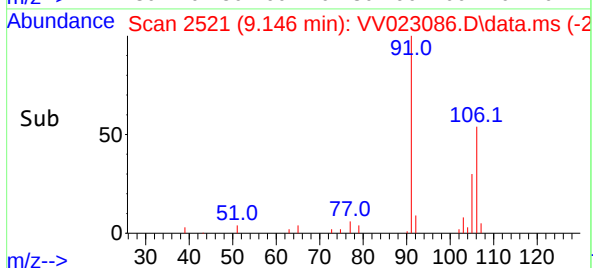
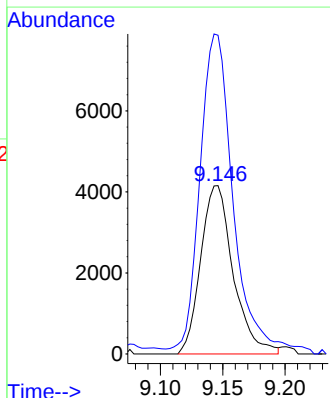
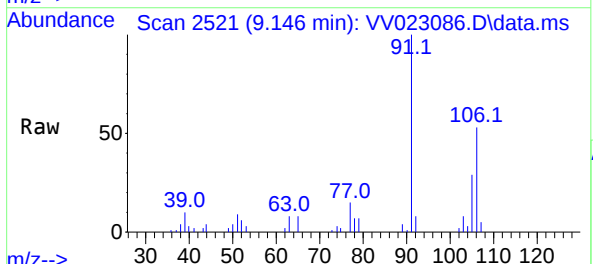
Manual Integrations
APPROVED

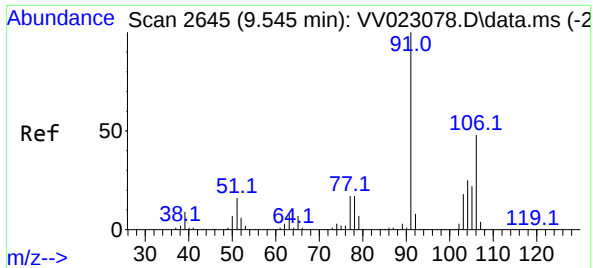
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#53
m,p-Xylene
Concen: 2.150 ug/L
RT: 9.146 min Scan# 2521
Delta R.T. 0.006 min
Lab File: VV023086.D
Acq: 28 Oct 2021 20:05

Tgt Ion: 106 Resp: 7549
Ion Ratio Lower Upper
106 100
91 189.3 137.3 254.9





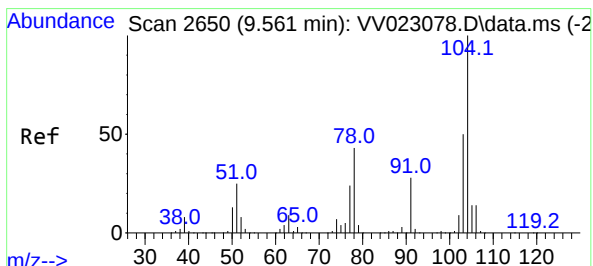
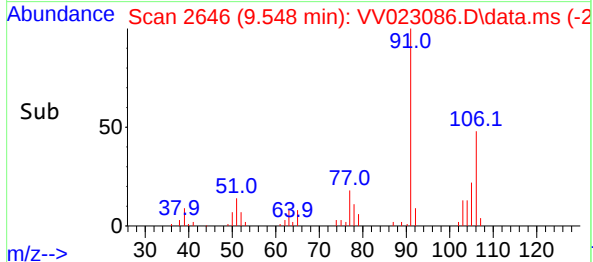
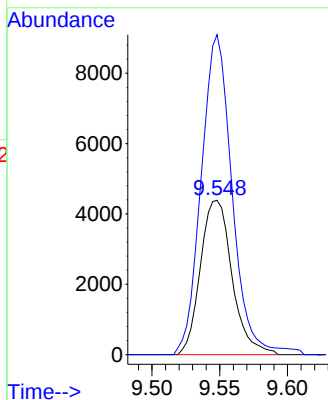
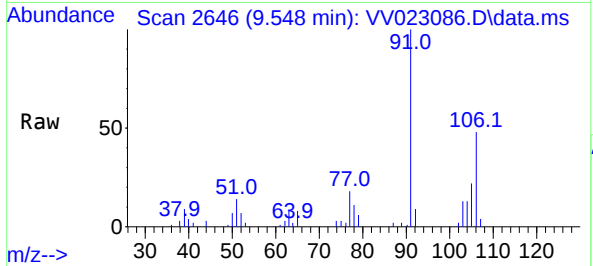
#54
o-Xylene
Concen: 2.089 ug/L
RT: 9.548 min Scan# 2646
Delta R.T. 0.003 min
Lab File: VV023086.D
Acq: 28 Oct 2021 20:05

Instrument :
MSVOA_V
ClientSampled :
MDL01

Tgt Ion:106 Resp: 7139
Ion Ratio Lower Upper
106 100
91 207.2 145.0 269.4

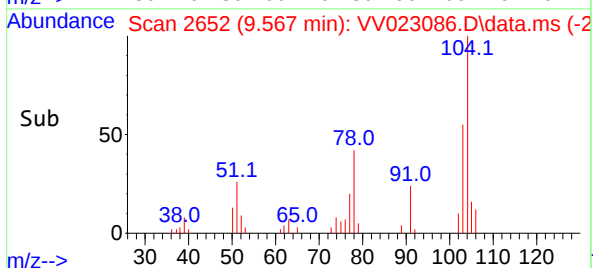
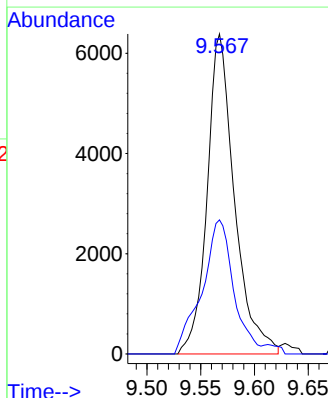
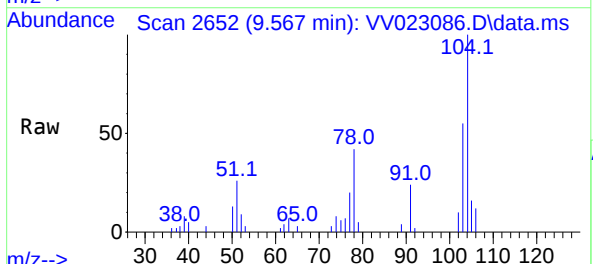
Manual Integrations
APPROVED

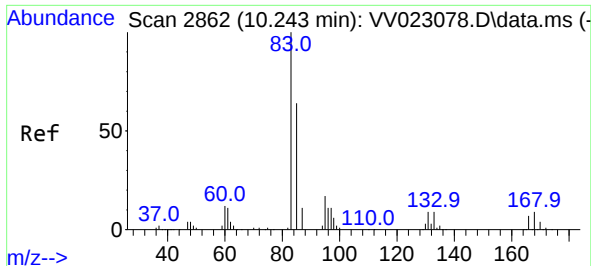
SAM
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#55
Styrene
Concen: 1.900 ug/L
RT: 9.567 min Scan# 2652
Delta R.T. 0.006 min
Lab File: VV023086.D
Acq: 28 Oct 2021 20:05

Tgt Ion:104 Resp: 11283
Ion Ratio Lower Upper
104 100
78 41.9 29.8 55.4





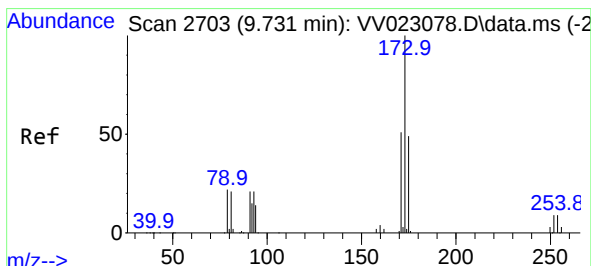
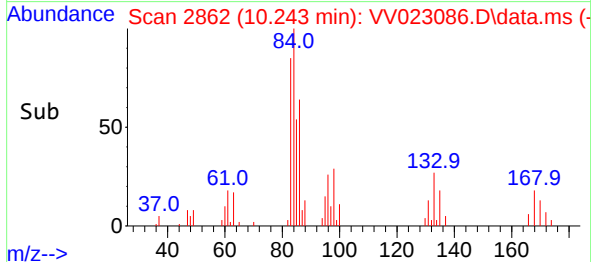
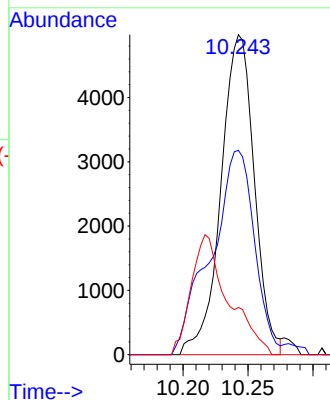
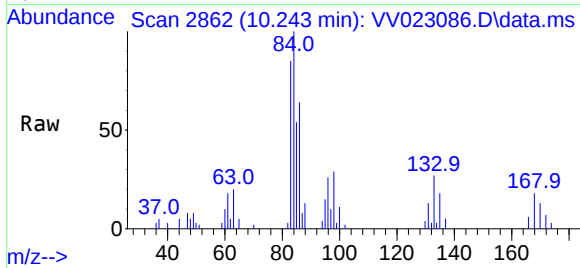
#57
1,1,2,2-Tetrachloroethane
Concen: 2.600 ug/L
RT: 10.243 min Scan# 2862
Delta R.T. 0.000 min
Lab File: VV023086.D
Acq: 28 Oct 2021 20:05

Tgt Ion:	83	Resp:	8897
Ion	Ratio	Lower	Upper
83	100		
85	63.8	44.7	83.1
131	14.8	7.8	11.8#

Instrument :
MSVOA_V
ClientSampled :
MDL01

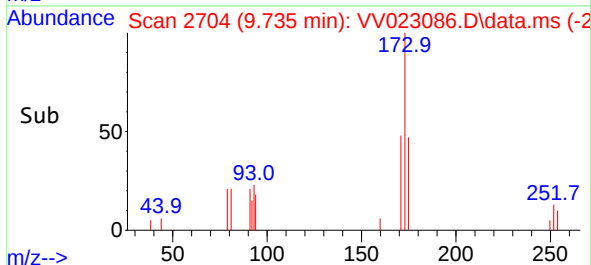
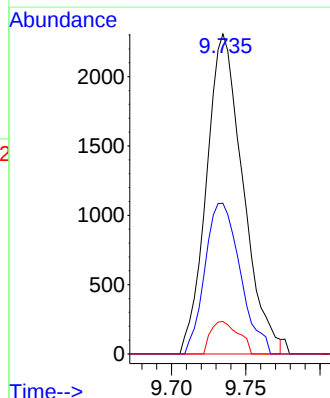
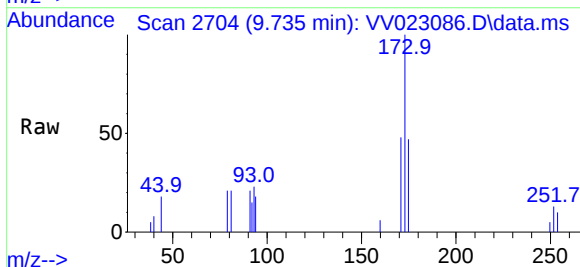
Manual Integrations
APPROVED

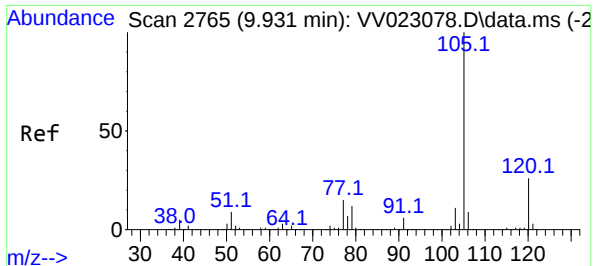
SAM
11/1/2021 6:35:41 PM



#59
Bromoform
Concen: 2.455 ug/L
RT: 9.735 min Scan# 2704
Delta R.T. 0.003 min
Lab File: VV023086.D
Acq: 28 Oct 2021 20:05

Tgt Ion:	173	Resp:	3936
Ion	Ratio	Lower	Upper
173	100		
175	45.7	39.3	58.9
254	7.7	7.2	10.8





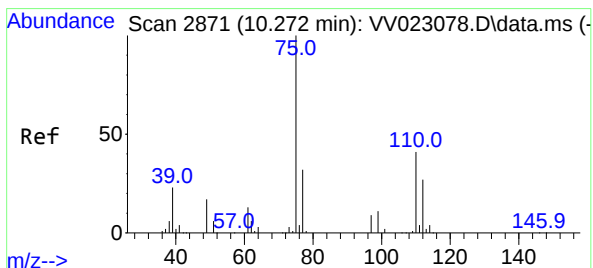
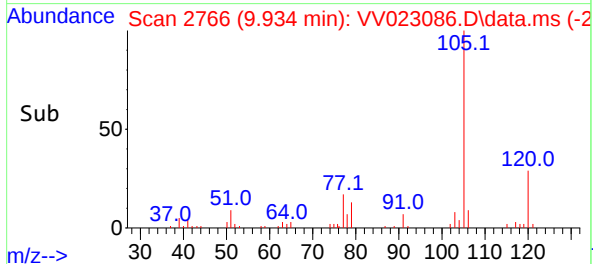
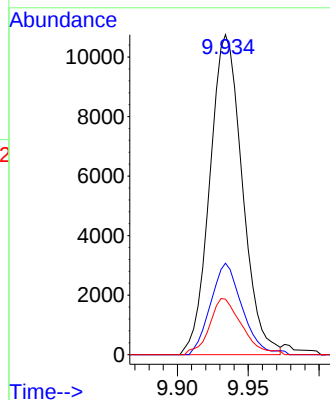
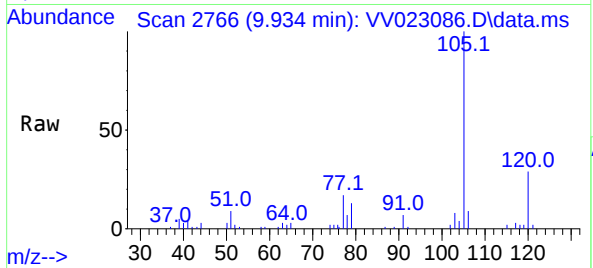
#60
Isopropylbenzene
Concen: 2.118 ug/L
RT: 9.934 min Scan# 2766
Delta R.T. 0.003 min
Lab File: VV023086.D
Acq: 28 Oct 2021 20:05

Tgt Ion:	105	Resp:	17150
Ion	Ratio	Lower	Upper
105	100		
120	27.4	21.0	31.6
77	17.2	12.2	18.2

Instrument :
MSVOA_V
ClientSampled :
MDL01

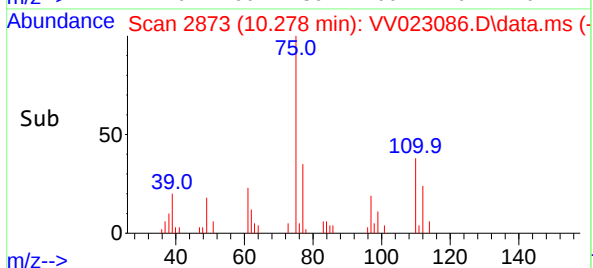
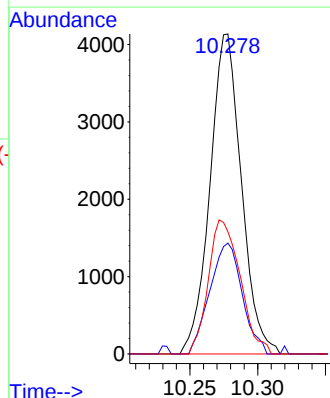
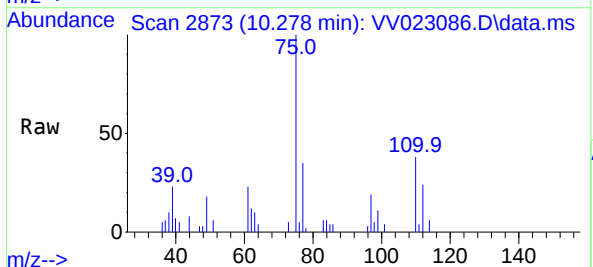
Manual Integrations
APPROVED

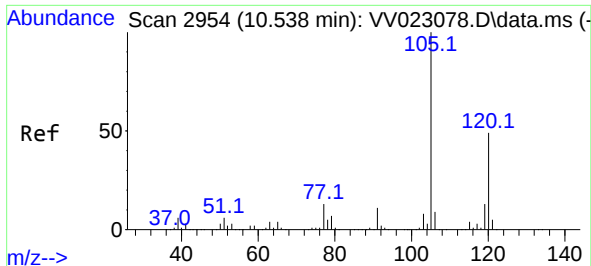
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#61
1,2,3-Trichloropropane
Concen: 2.806 ug/L
RT: 10.278 min Scan# 2873
Delta R.T. 0.006 min
Lab File: VV023086.D
Acq: 28 Oct 2021 20:05

Tgt Ion:	75	Resp:	6667
Ion	Ratio	Lower	Upper
75	100		
77	35.7	25.6	38.4
110	42.4	33.1	49.7





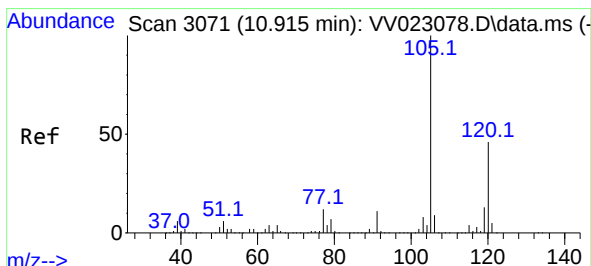
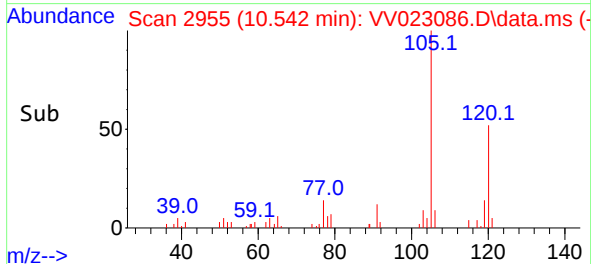
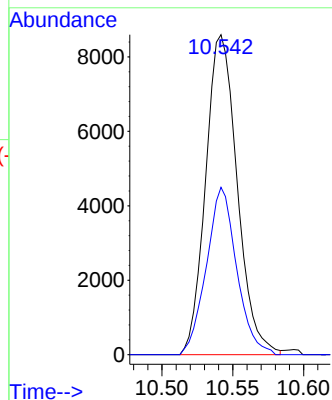
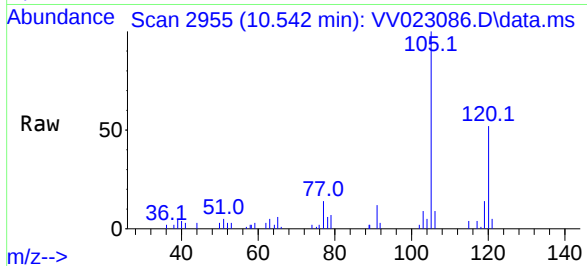
#62
1,3,5-Trimethylbenzene
Concen: 1.998 ug/L
RT: 10.542 min Scan# 2955
Delta R.T. 0.003 min
Lab File: VV023086.D
Acq: 28 Oct 2021 20:05

Tgt Ion:105 Resp: 13325
Ion Ratio Lower Upper
105 100
120 50.1 39.6 59.4

Instrument :
MSVOA_V
ClientSampled :
MDL01

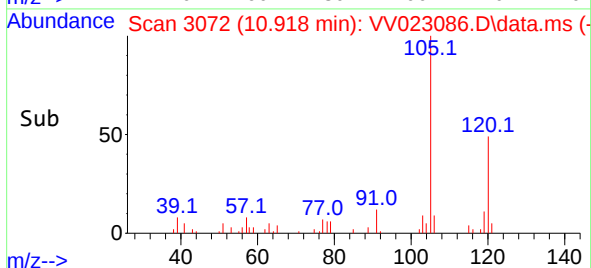
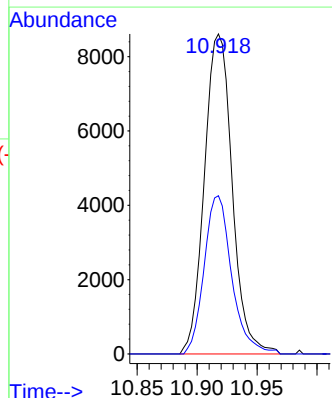
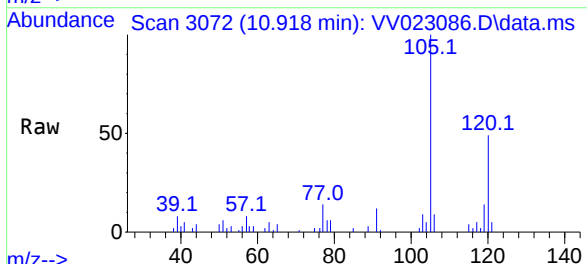
Manual Integrations
APPROVED

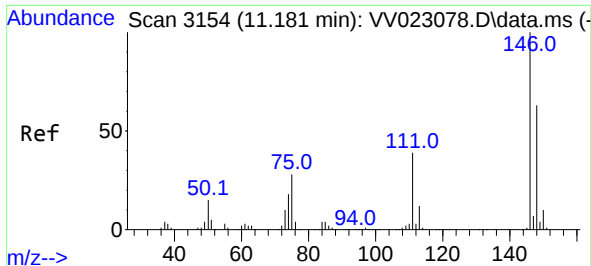
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#63
1,2,4-Trimethylbenzene
Concen: 2.077 ug/L
RT: 10.918 min Scan# 3072
Delta R.T. 0.003 min
Lab File: VV023086.D
Acq: 28 Oct 2021 20:05

Tgt Ion:105 Resp: 13908
Ion Ratio Lower Upper
105 100
120 48.9 37.1 55.7





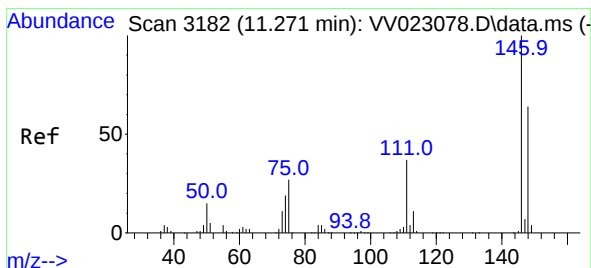
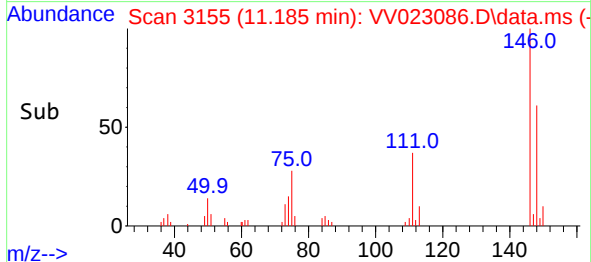
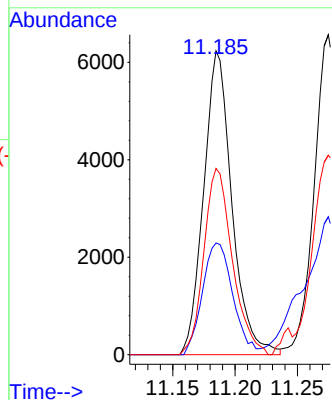
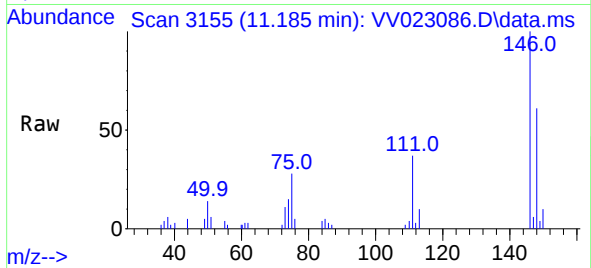
#64
1,3-Dichlorobenzene
Concen: 2.397 ug/L
RT: 11.185 min Scan# 3155
Delta R.T. 0.003 min
Lab File: VV023086.D
Acq: 28 Oct 2021 20:05

Tgt Ion:146 Resp: 9815
Ion Ratio Lower Upper
146 100
111 36.8 27.3 50.7
148 61.3 44.2 82.0

Instrument :
MSVOA_V
ClientSampled :
MDL01

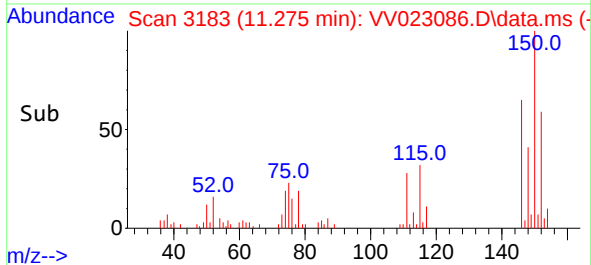
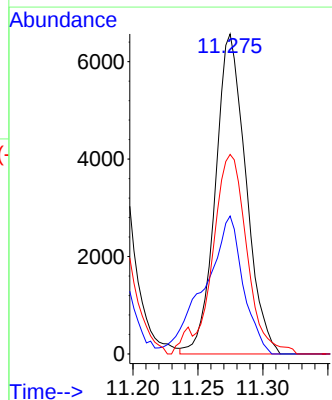
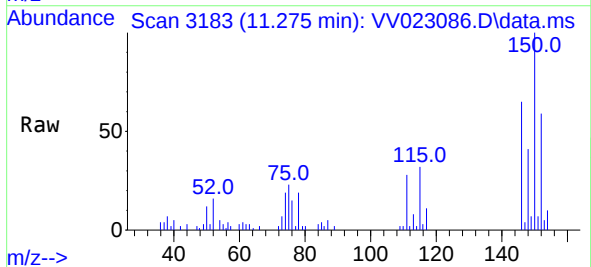
Manual Integrations
APPROVED

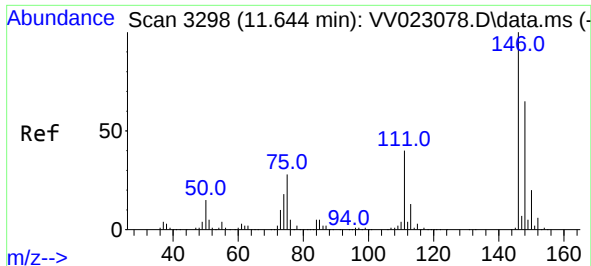
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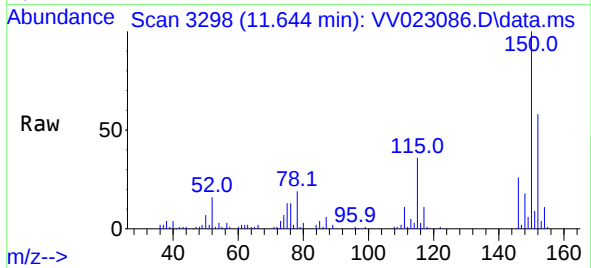
#65
1,4-Dichlorobenzene
Concen: 2.512 ug/L
RT: 11.275 min Scan# 3183
Delta R.T. 0.003 min
Lab File: VV023086.D
Acq: 28 Oct 2021 20:05

Tgt Ion:146 Resp: 10711
Ion Ratio Lower Upper
146 100
111 43.1 26.0 48.2
148 62.3 44.7 82.9

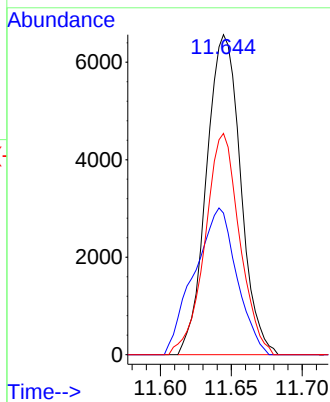
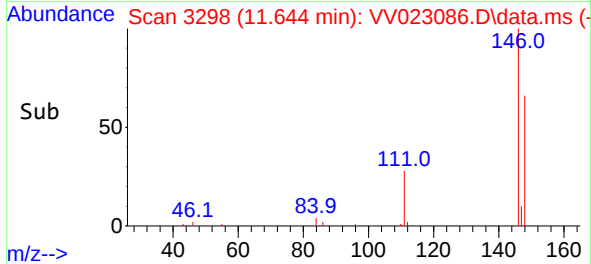




#67
1,2-Dichlorobenzene
Concen: 2.660 ug/L
RT: 11.644 min Scan# 3298
Delta R.T. -0.000 min
Lab File: VV023086.D
Acq: 28 Oct 2021 20:05



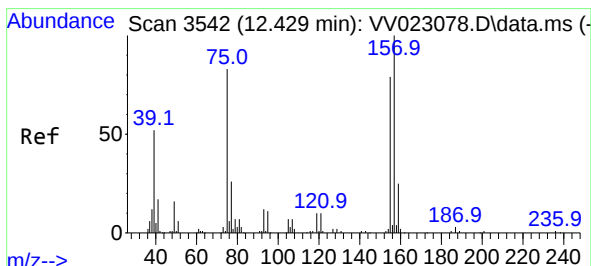
Tgt Ion:146 Resp: 11013
Ion Ratio Lower Upper
146 100
111 44.3 32.2 48.2
148 69.2 51.8 77.8



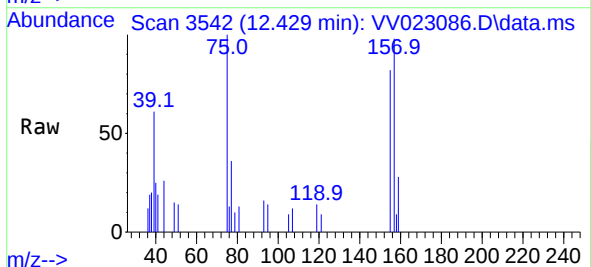
Instrument :
MSVOA_V
ClientSampled :
MDL01

Manual Integrations
APPROVED

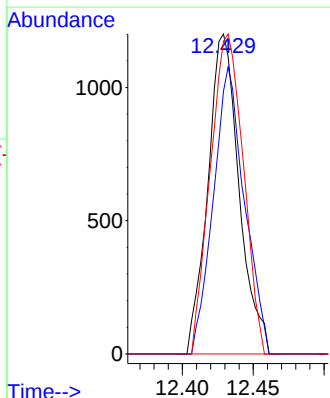
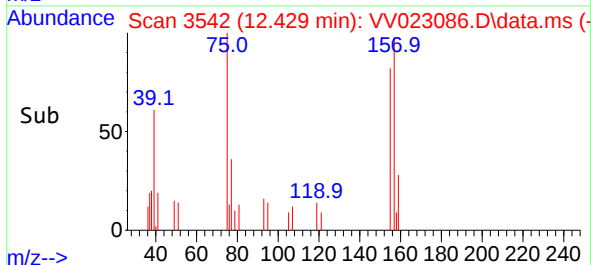
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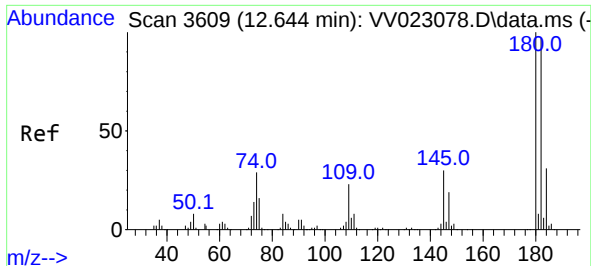


#68
1,2-Dibromo-3-chloropropane
Concen: 2.778 ug/L
RT: 12.429 min Scan# 3542
Delta R.T. -0.000 min
Lab File: VV023086.D
Acq: 28 Oct 2021 20:05



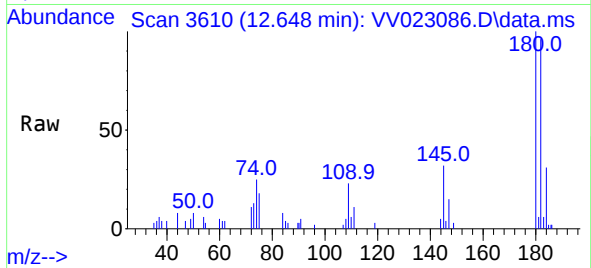
Tgt Ion: 75 Resp: 1842
Ion Ratio Lower Upper
75 100
155 82.1 75.7 113.5
157 97.8 96.4 144.6





#69
1,3,5-Trichlorobenzene
Concen: 2.411 ug/L
RT: 12.648 min Scan# 3610
Delta R.T. 0.003 min
Lab File: VV023086.D
Acq: 28 Oct 2021 20:05

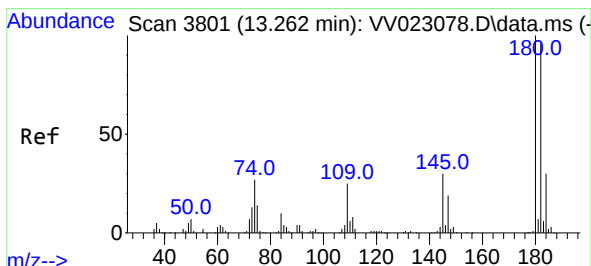
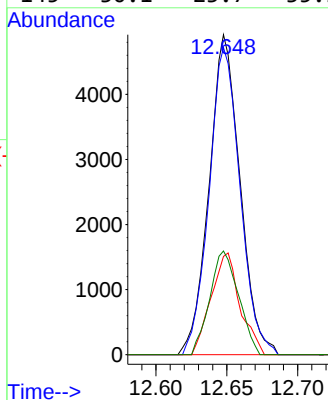
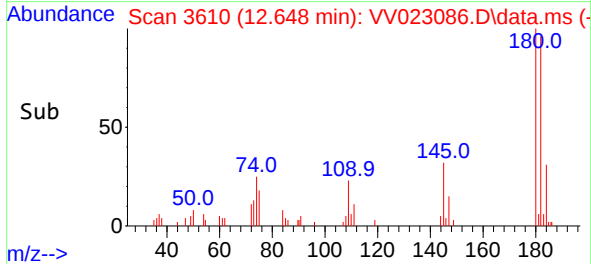
Instrument :
MSVOA_V
ClientSampled :
MDL01



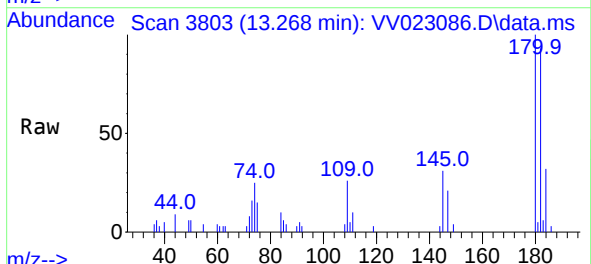
Tgt Ion:180 Resp: 7466
Ion Ratio Lower Upper
180 100
182 96.2 76.6 115.0
184 29.6 24.6 36.8
145 30.1 23.7 35.5

Manual Integrations
APPROVED

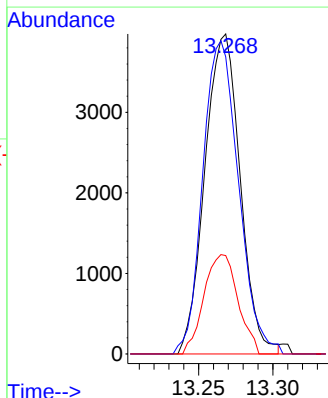
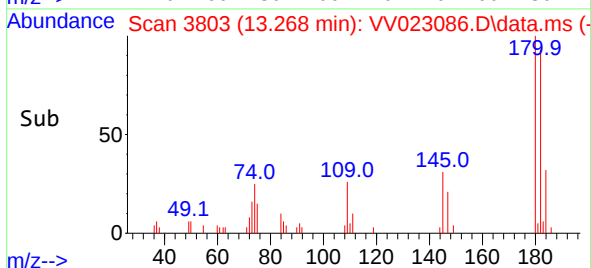
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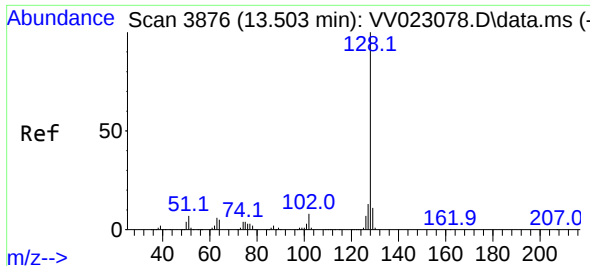


#70
1,2,4-trichlorobenzene
Concen: 2.447 ug/L
RT: 13.268 min Scan# 3803
Delta R.T. 0.006 min
Lab File: VV023086.D
Acq: 28 Oct 2021 20:05



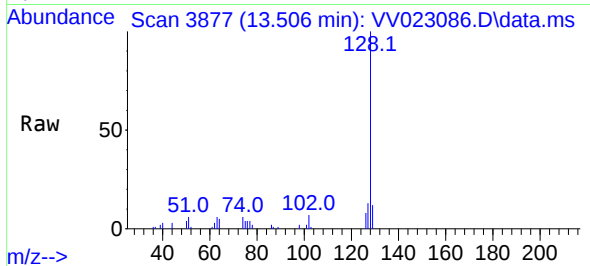
Tgt Ion:180 Resp: 6566
Ion Ratio Lower Upper
180 100
182 98.7 77.2 115.8
145 29.8 23.8 35.6





#71
Naphthalene
Concen: 2.229 ug/L
RT: 13.506 min Scan# 3877
Delta R.T. 0.003 min
Lab File: VV023086.D
Acq: 28 Oct 2021 20:05

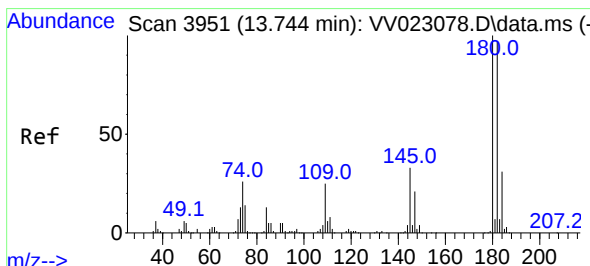
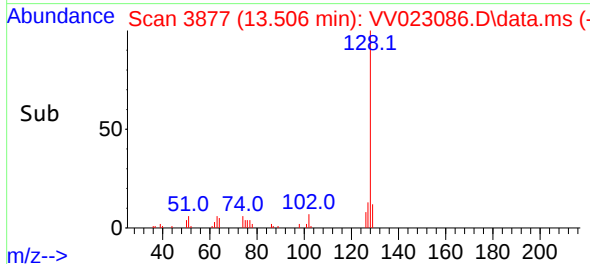
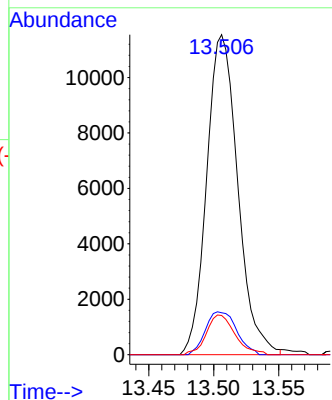
Instrument :
MSVOA_V
ClientSampled :
MDL01



Tgt Ion:	128	Resp:	19202
Ion Ratio	Lower	Upper	
128	100		
127	13.4	10.3	15.5
129	11.5	8.7	13.1

Manual Integrations
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#72
1,2,3-Trichlorobenzene
Concen: 2.210 ug/L
RT: 13.747 min Scan# 3952
Delta R.T. 0.003 min
Lab File: VV023086.D
Acq: 28 Oct 2021 20:05

Tgt Ion:	180	Resp:	6270
Ion Ratio	Lower	Upper	
180	100		
182	94.4	77.0	115.4
145	30.8	26.4	39.6

