

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW102921\
 Data File : VW023101.D
 Acq On : 29 Oct 2021 13:36
 Operator : SY/MD
 Sample : MDL05
 Misc : 5.00g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 MDL05

Manual Integrations
 APPROVED

Quant Time: Oct 30 00:46:19 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM102821WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Oct 30 00:25:16 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	267959	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	263095	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	132462	50.000	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.307	65	81538	44.154	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	88.300%
7) Chloroethane-d5	1.564	69	67742	47.031	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	94.060%
11) 1,1-Dichloroethene-d2	2.108	63	120259	34.378	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	68.760%
21) 2-Butanone-d5	3.873	46	147760	106.797	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	106.800%
24) Chloroform-d	4.352	84	181506	46.747	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.500%
26) 1,2-Dichloroethane-d4	5.034	65	114488	49.818	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.640%
32) Benzene-d6	5.050	84	352881	48.963	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.920%
36) 1,2-Dichloropropane-d6	6.069	67	113163	49.324	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	98.640%
41) Toluene-d8	7.316	98	314469	47.825	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.640%
43) trans-1,3-Dichloroprop...	7.622	79	50996	46.375	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	92.740%
47) 2-Hexanone-d5	8.088	63	103155	103.518	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	103.520%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	161802	48.252	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	96.500%
66) 1,2-Dichlorobenzene-d4	11.625	152	130242	50.973	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.940%

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Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.127	85	5358	2.103	ug/L	98
3) Chloromethane	1.240	50	4837	2.013	ug/L	99
5) Vinyl chloride	1.310	62	5555	2.314	ug/L	83
6) Bromomethane	1.519	94	3143	2.330	ug/L	92
8) Chloroethane	1.584	64	3175	2.172	ug/L #	82
9) Trichlorofluoromethane	1.751	101	7353	2.018	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	4812	2.488	ug/L #	81
12) 1,1-Dichloroethene	2.117	96	4541	2.530	ug/L #	1
13) Acetone	2.166	43	5789	4.221	ug/L #	72
14) Carbon disulfide	2.297	76	10972	2.044	ug/L	97
15) Methyl Acetate	2.439	43	4996	2.195	ug/L	98
16) Methylene chloride	2.510	84	5435	2.364	ug/L	99
17) trans-1,2-Dichloroethene	2.764	96	4076	1.990	ug/L	90
18) Methyl tert-butyl Ether	2.770	73	11988	1.949	ug/L #	92
19) 1,1-Dichloroethane	3.194	63	7762	2.034	ug/L	99
20) cis-1,2-Dichloroethene	3.918	96	4684m	2.139	ug/L	
22) 2-Butanone	3.992	43	7255m	4.642	ug/L	
23) Bromochloromethane	4.259	128	2598	2.105	ug/L	95
25) Chloroform	4.384	83	9374	2.388	ug/L	98

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Manual Integrations
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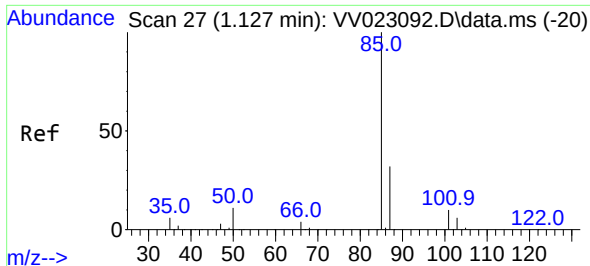
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 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM102821WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Oct 30 00:25:16 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.143	62	6524	2.214	ug/L #	93
29) Cyclohexane	4.680	56	6177	2.011	ug/L #	57
30) 1,1,1-Trichloroethane	4.616	97	7074	2.018	ug/L	97
31) Carbon tetrachloride	4.831	117	6230	1.977	ug/L	99
33) Benzene	5.108	78	17222	2.101	ug/L	100
34) Trichloroethene	5.924	95	4605	2.150	ug/L	88
35) Methylcyclohexane	6.130	83	6718	2.013	ug/L	93
37) 1,2-Dichloropropane	6.178	63	4312	2.002	ug/L #	92
38) Bromodichloromethane	6.516	83	5770	1.979	ug/L	96
39) cis-1,3-Dichloropropene	7.034	75	6543m	2.003	ug/L	
40) 4-Methyl-2-pentanone	7.233	43	11083	3.989	ug/L	96
42) Toluene	7.394	91	22713	2.589	ug/L	94
44) trans-1,3-Dichloropropene	7.657	75	7002m	2.211	ug/L	
45) 1,1,2-Trichloroethane	7.847	97	4233	1.925	ug/L	92
46) Tetrachloroethene	7.982	164	3777	2.046	ug/L	85
48) 2-Hexanone	8.149	43	10739	4.869	ug/L #	90
49) Dibromochloromethane	8.249	129	4850	1.930	ug/L	99
50) 1,2-Dibromoethane	8.361	107	4509	1.946	ug/L #	97
51) Chlorobenzene	8.886	112	11554	1.950	ug/L	99
52) Ethylbenzene	9.017	91	16922	1.813	ug/L	97
53) m,p-Xylene	9.143	106	6073	1.688	ug/L	98
54) o-Xylene	9.548	106	5886	1.681	ug/L	81
55) Styrene	9.567	104	9891	1.625	ug/L	93
57) 1,1,2,2-Tetrachloroethane	10.242	83	8124	2.316	ug/L #	93
59) Bromoform	9.734	173	3397	2.027	ug/L #	98
60) Isopropylbenzene	9.934	105	14749	1.743	ug/L	99
61) 1,2,3-Trichloropropane	10.275	75	5587	2.251	ug/L	97
62) 1,3,5-Trimethylbenzene	10.541	105	12515	1.796	ug/L	100
63) 1,2,4-Trimethylbenzene	10.918	105	12224	1.747	ug/L	100
64) 1,3-Dichlorobenzene	11.185	146	8191	1.915	ug/L	90
65) 1,4-Dichlorobenzene	11.275	146	9466	2.124	ug/L	99
67) 1,2-Dichlorobenzene	11.644	146	9797	2.265	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.432	75	1404	2.026	ug/L	92
69) 1,3,5-Trichlorobenzene	12.647	180	6977	2.156	ug/L	96
70) 1,2,4-trichlorobenzene	13.265	180	5463	1.948	ug/L	98
71) Naphthalene	13.506	128	16738	1.859	ug/L	98
72) 1,2,3-Trichlorobenzene	13.747	180	5462	1.843	ug/L	91

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

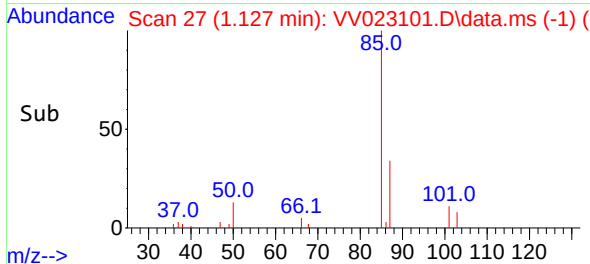
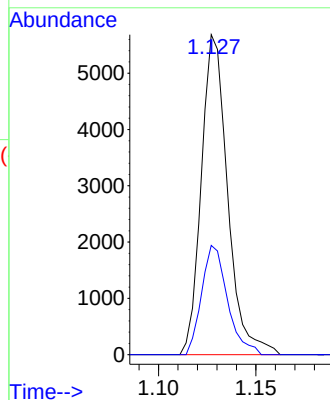
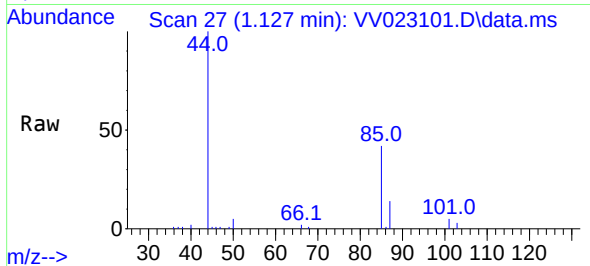


#2
Dichlorodifluoromethane
Concen: 2.103 ug/L
RT: 1.127 min Scan# 27
Delta R.T. -0.000 min
Lab File: VV023101.D
Acq: 29 Oct 2021 13:36

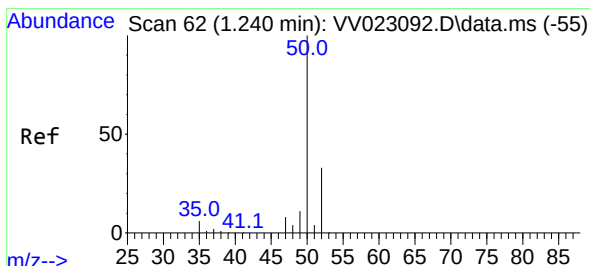
Tgt Ion: 85 Resp: 5358
Ion Ratio Lower Upper
85 100
87 33.6 26.2 39.2

Instrument :
MSVOA_V
ClientSampled :
MDL05

Manual Integrations
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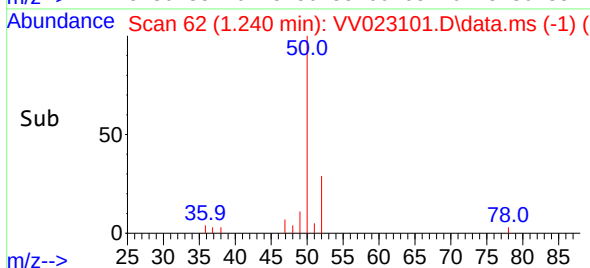
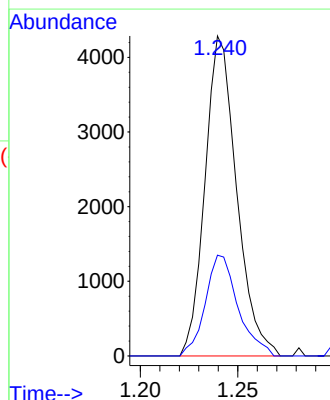
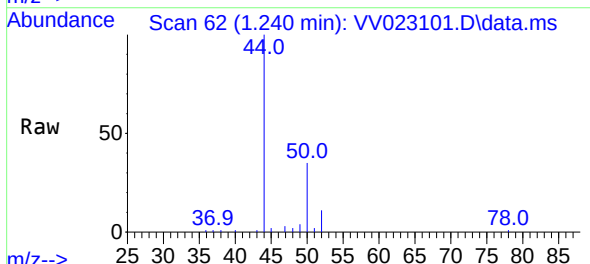
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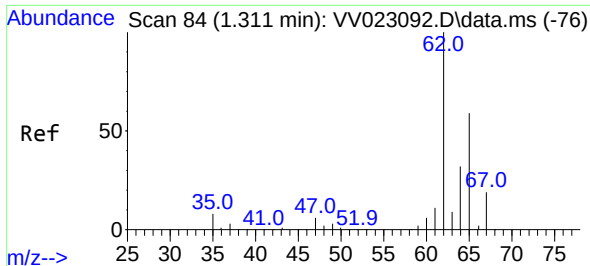


#3
Chloromethane
Concen: 2.013 ug/L
RT: 1.240 min Scan# 62
Delta R.T. -0.000 min
Lab File: VV023101.D
Acq: 29 Oct 2021 13:36

Tgt Ion: 50 Resp: 4837
Ion Ratio Lower Upper
50 100
52 31.5 22.5 41.9

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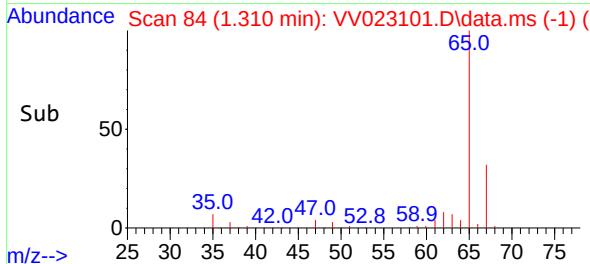
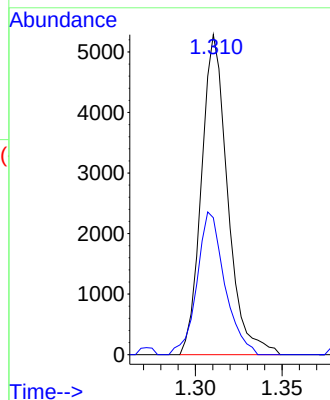
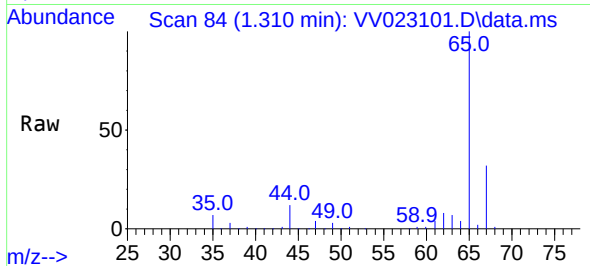


#5
 Vinyl chloride
 Concen: 2.314 ug/L
 RT: 1.310 min Scan# 84
 Delta R.T. -0.000 min
 Lab File: VV023101.D
 Acq: 29 Oct 2021 13:36

Tgt Ion: 62 Resp: 5555
 Ion Ratio Lower Upper
 62 100
 64 42.8 23.4 43.4

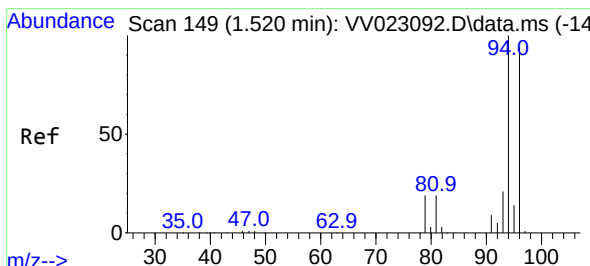
Instrument :
 MSVOA_V
 ClientSampled :
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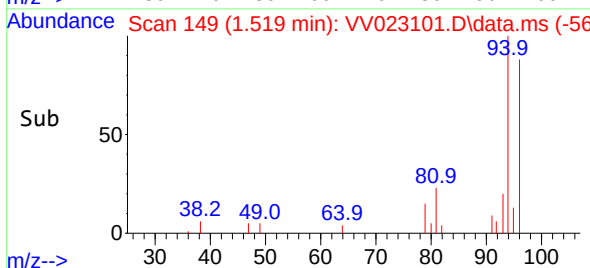
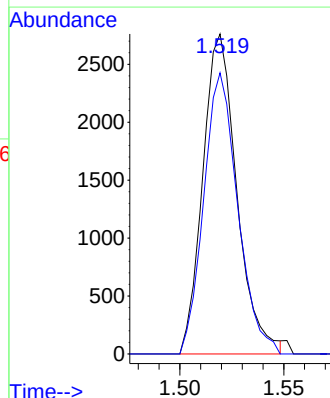
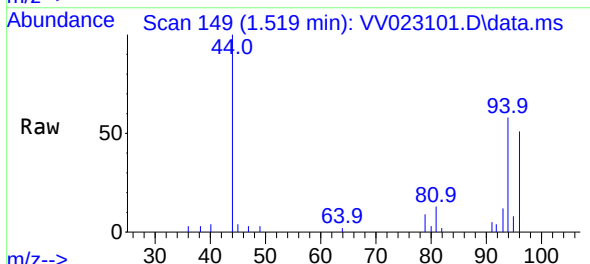
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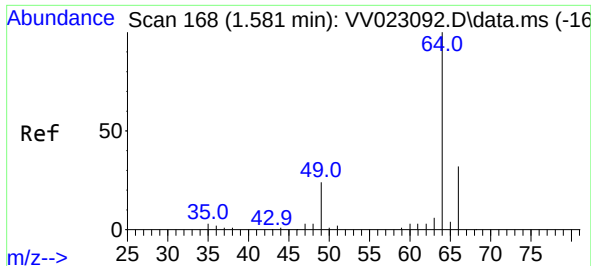
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#6
 Bromomethane
 Concen: 2.330 ug/L
 RT: 1.519 min Scan# 149
 Delta R.T. -0.000 min
 Lab File: VV023101.D
 Acq: 29 Oct 2021 13:36

Tgt Ion: 94 Resp: 3143
 Ion Ratio Lower Upper
 94 100
 96 87.9 66.8 124.2



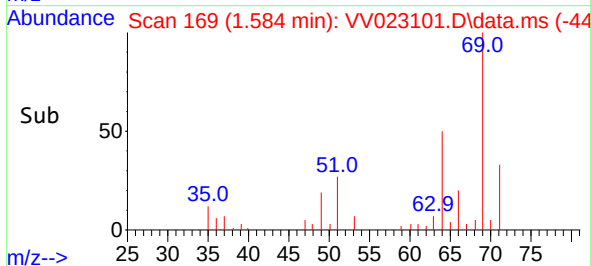
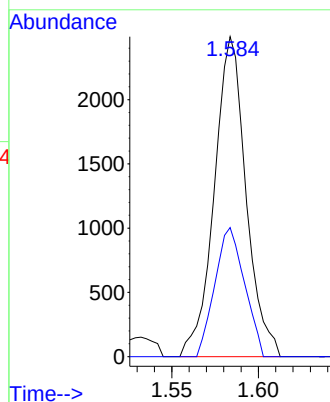
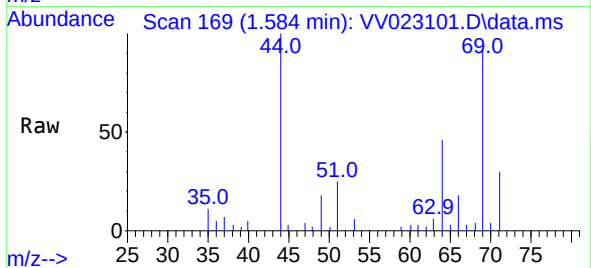


#8
Chloroethane
Concen: 2.172 ug/L
RT: 1.584 min Scan# 169
Delta R.T. 0.003 min
Lab File: VV023101.D
Acq: 29 Oct 2021 13:36

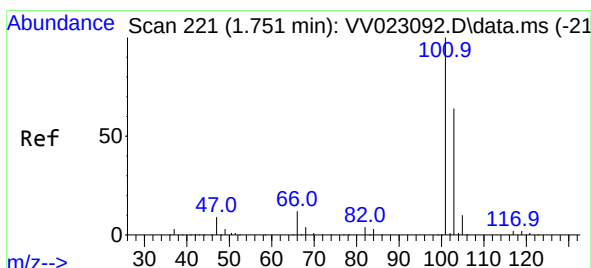
Tgt Ion: 64 Resp: 3175
Ion Ratio Lower Upper
64 100
66 40.4 21.3 39.6#

Instrument :
MSVOA_V
ClientSampleID :
MDL05

Manual Integrations
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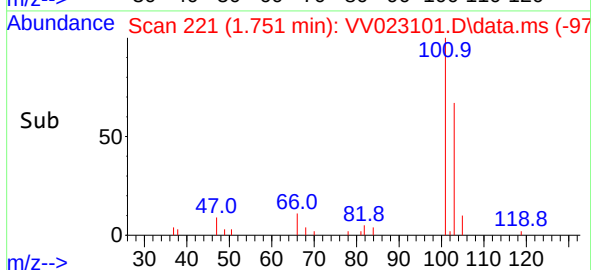
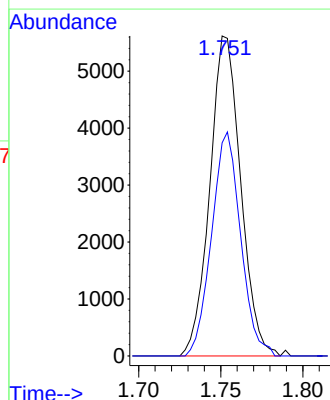
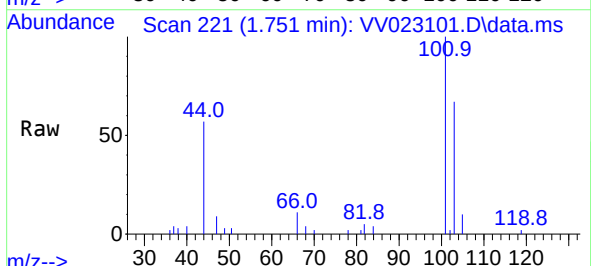
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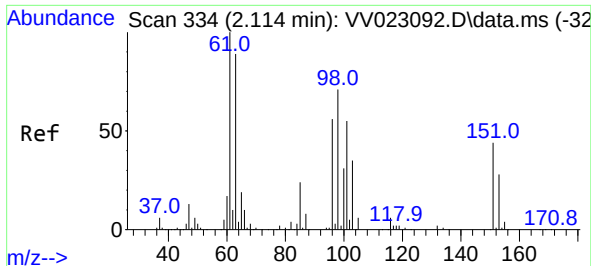


#9
Trichlorofluoromethane
Concen: 2.018 ug/L
RT: 1.751 min Scan# 221
Delta R.T. -0.000 min
Lab File: VV023101.D
Acq: 29 Oct 2021 13:36

Tgt Ion: 101 Resp: 7353
Ion Ratio Lower Upper
101 100
103 65.8 52.2 78.2

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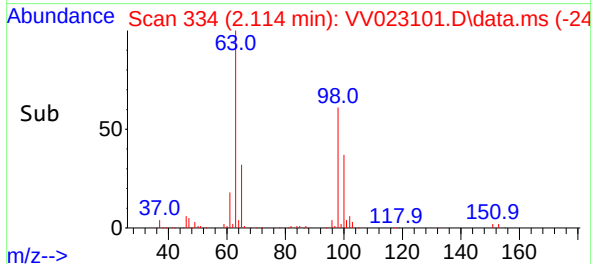
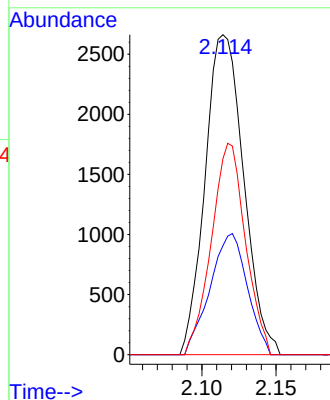
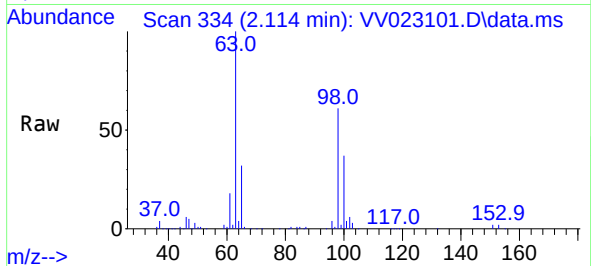


#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 2.488 ug/L
RT: 2.114 min Scan# 334
Delta R.T. -0.000 min
Lab File: VV023101.D
Acq: 29 Oct 2021 13:36

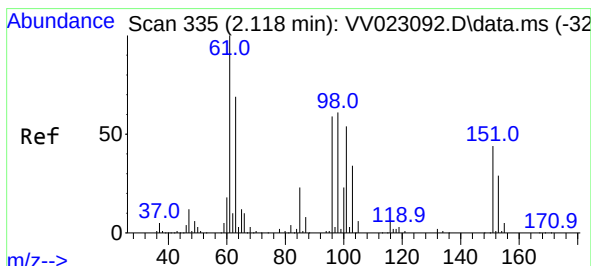
Instrument :
MSVOA_V
ClientSampled :
MDL05

Tgt Ion:101 Resp: 4812
Ion Ratio Lower Upper
101 100
85 36.6 35.1 52.7
151 58.4 63.4 95.2#

Manual Integrations
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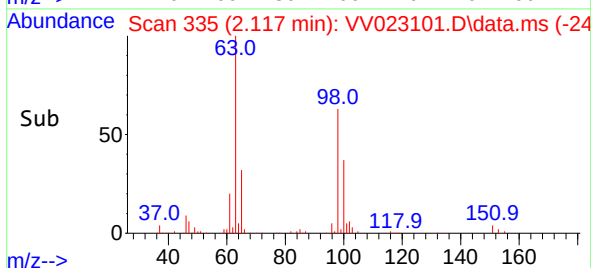
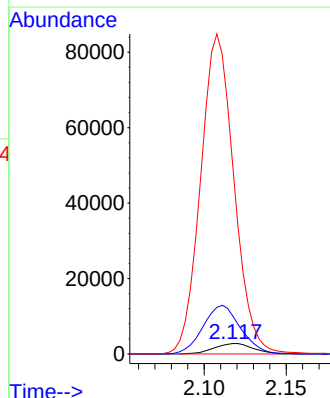
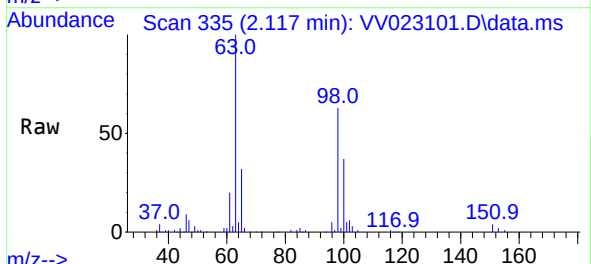
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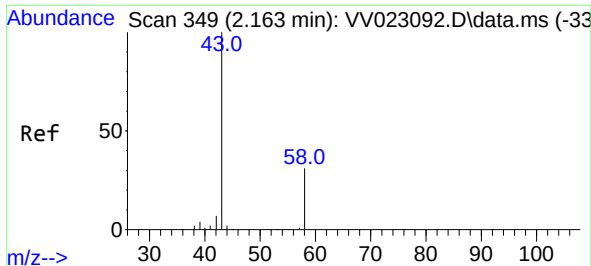


#12
1,1-Dichloroethene
Concen: 2.530 ug/L
RT: 2.117 min Scan# 335
Delta R.T. -0.000 min
Lab File: VV023101.D
Acq: 29 Oct 2021 13:36

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Tgt Ion: 96 Resp: 4541
Ion Ratio Lower Upper
96 100
61 368.4 117.7 218.7#
63 1819.9 79.2 147.2#



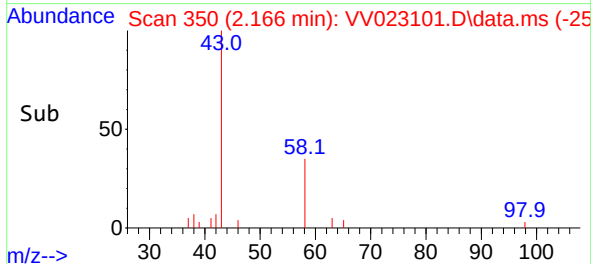
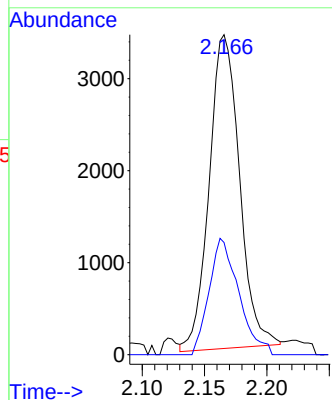
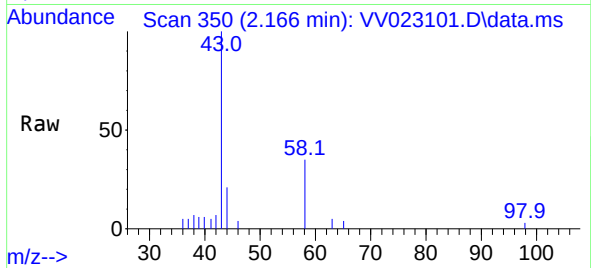


#13
Acetone
Concen: 4.221 ug/L
RT: 2.166 min Scan# 350
Delta R.T. 0.003 min
Lab File: VV023101.D
Acq: 29 Oct 2021 13:36

Tgt Ion: 43 Resp: 5789
Ion Ratio Lower Upper
43 100
58 36.3 0.0 0.4#

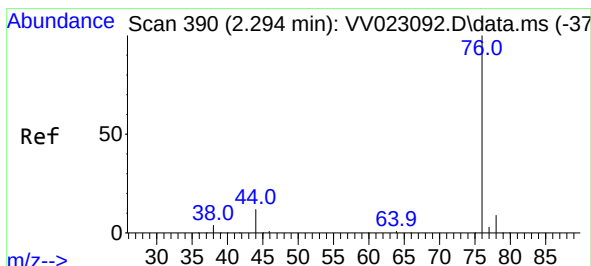
Instrument :
MSVOA_V
ClientSampleID :
MDL05

Manual Integrations
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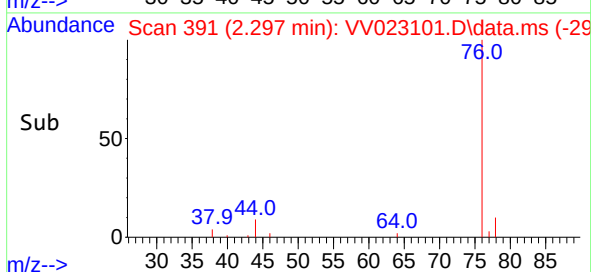
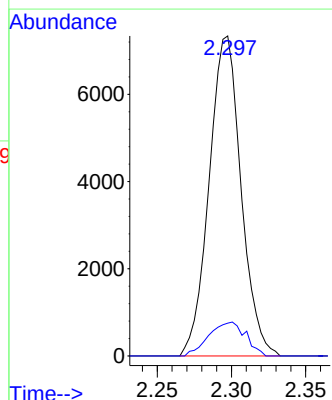
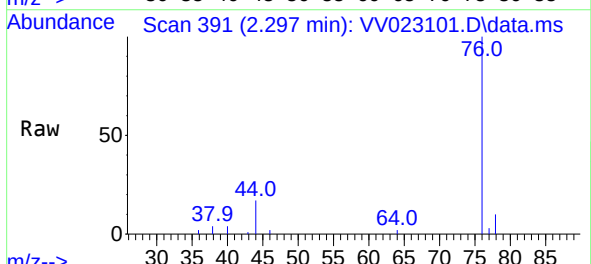
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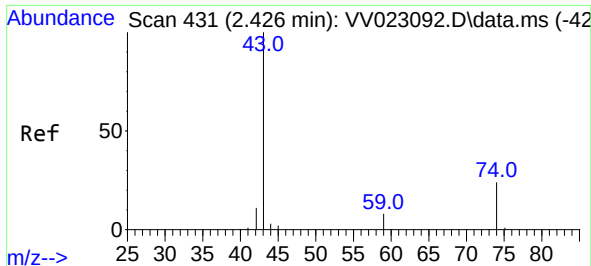
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#14
Carbon disulfide
Concen: 2.044 ug/L
RT: 2.297 min Scan# 391
Delta R.T. 0.003 min
Lab File: VV023101.D
Acq: 29 Oct 2021 13:36

Tgt Ion: 76 Resp: 10972
Ion Ratio Lower Upper
76 100
78 10.2 7.4 11.0



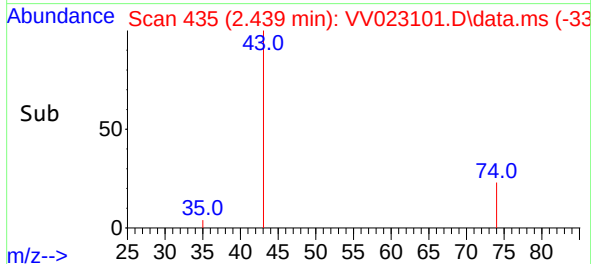
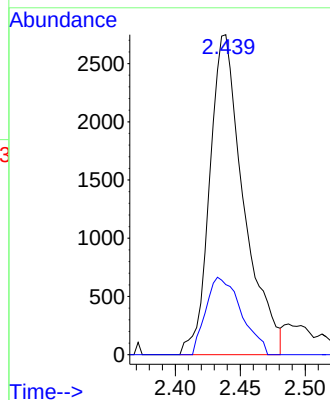
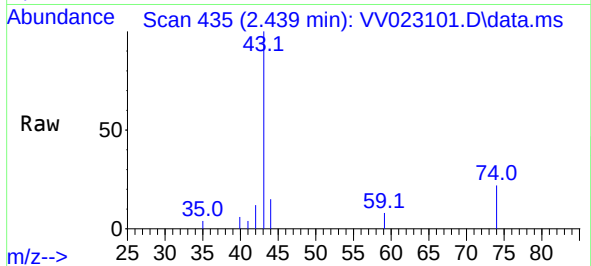


#15
Methyl Acetate
Concen: 2.195 ug/L
RT: 2.439 min Scan# 435
Delta R.T. 0.013 min
Lab File: VV023101.D
Acq: 29 Oct 2021 13:36

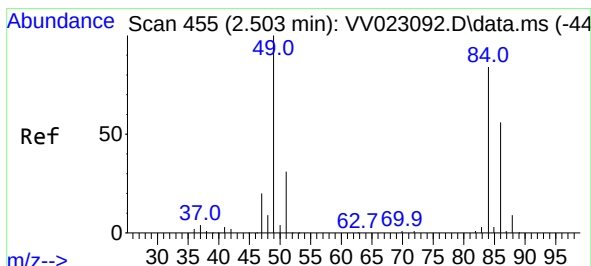
Tgt Ion: 43 Resp: 4996
Ion Ratio Lower Upper
43 100
74 25.3 19.4 29.2

Instrument :
MSVOA_V
ClientSampleId :
MDL05

Manual Integrations
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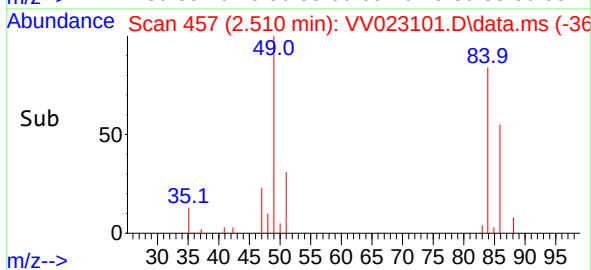
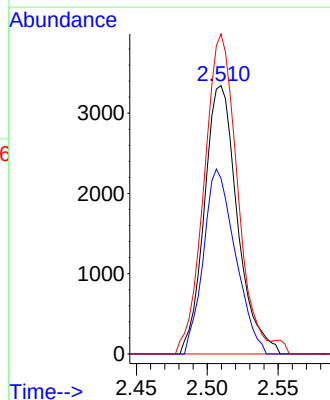
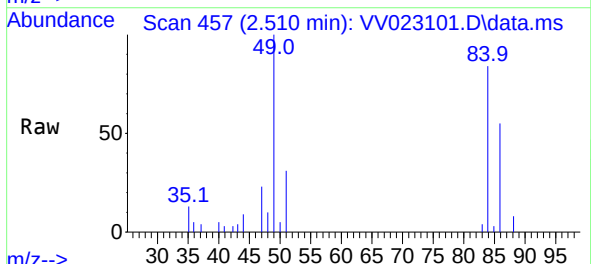
SAM

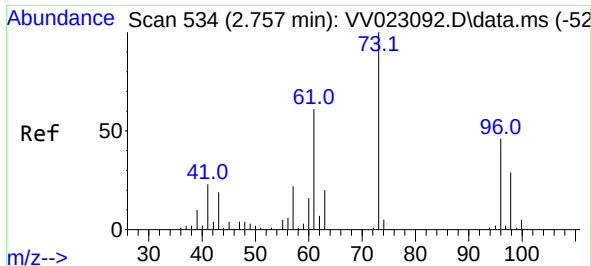


#16
Methylene chloride
Concen: 2.364 ug/L
RT: 2.510 min Scan# 457
Delta R.T. 0.006 min
Lab File: VV023101.D
Acq: 29 Oct 2021 13:36

Tgt Ion: 84 Resp: 5435
Ion Ratio Lower Upper
84 100
86 65.4 45.4 84.2
49 119.3 83.0 154.1

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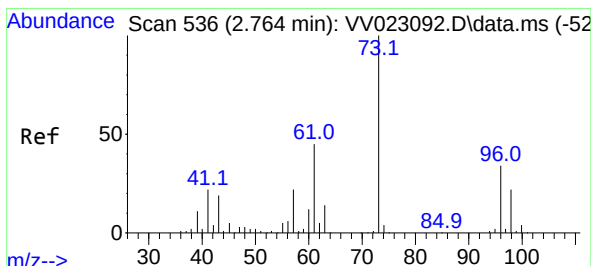
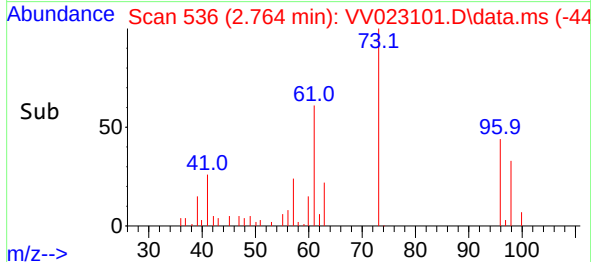
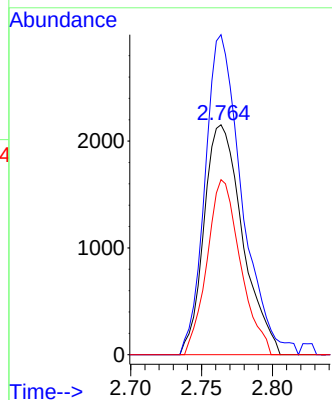
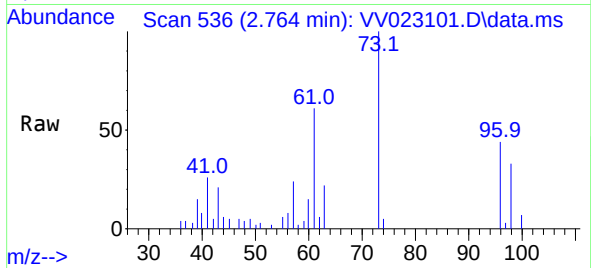


#17
trans-1,2-Dichloroethene
Concen: 1.990 ug/L
RT: 2.764 min Scan# 536
Delta R.T. 0.006 min
Lab File: VV023101.D
Acq: 29 Oct 2021 13:36

Tgt Ion: 96 Resp: 4076
Ion Ratio Lower Upper
96 100
61 139.1 92.2 171.2
98 76.1 44.1 81.9

Instrument :
MSVOA_V
ClientSampled :
MDL05

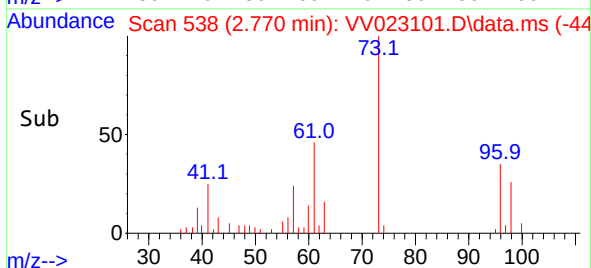
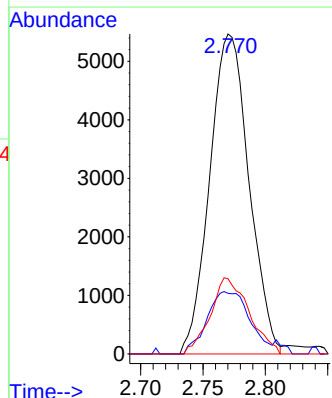
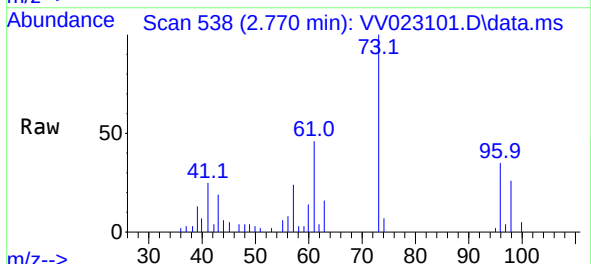
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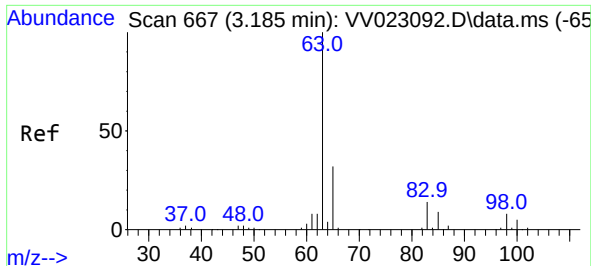


#18
Methyl tert-butyl Ether
Concen: 1.949 ug/L
RT: 2.770 min Scan# 538
Delta R.T. 0.006 min
Lab File: VV023101.D
Acq: 29 Oct 2021 13:36

Tgt Ion: 73 Resp: 11988
Ion Ratio Lower Upper
73 100
43 12.7 14.9 22.3#
57 23.4 17.6 26.4

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#19

1,1-Dichloroethane

Concen: 2.034 ug/L

RT: 3.194 min Scan# 670

Delta R.T. 0.009 min

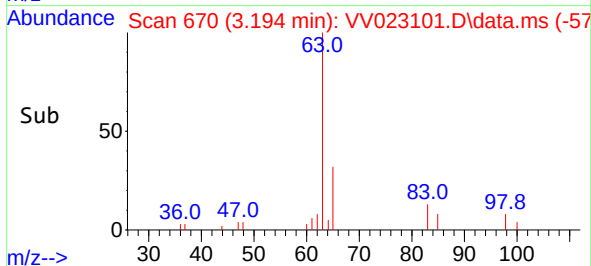
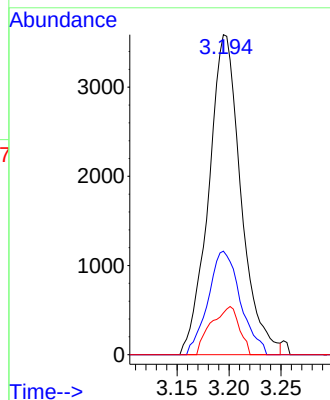
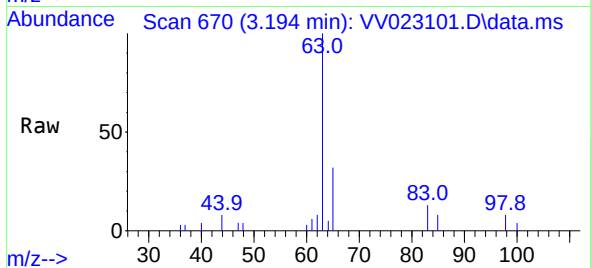
Lab File: VV023101.D

Acq: 29 Oct 2021 13:36

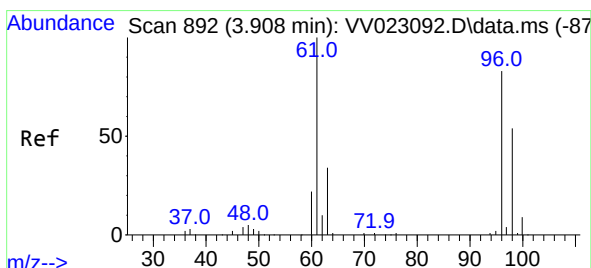
Tgt Ion:	63	Resp:	7762
Ion	Ratio	Lower	Upper
63	100		
65	32.3	22.3	41.5
83	13.0	9.8	18.2

Instrument :
MSVOA_V
ClientSampleId :
MDL05

Manual Integrations
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#20

cis-1,2-Dichloroethene

Concen: 2.139 ug/L m

RT: 3.918 min Scan# 895

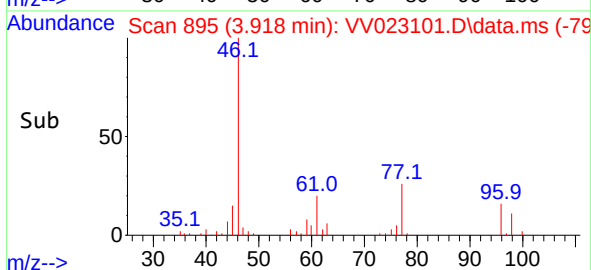
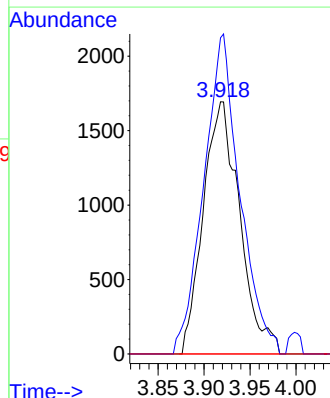
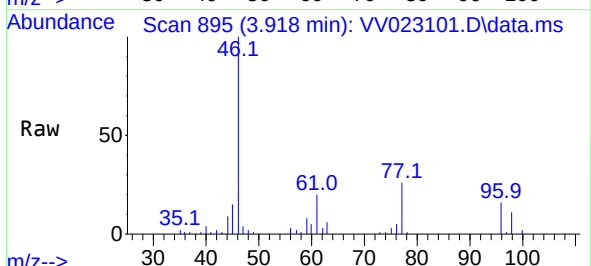
Delta R.T. 0.009 min

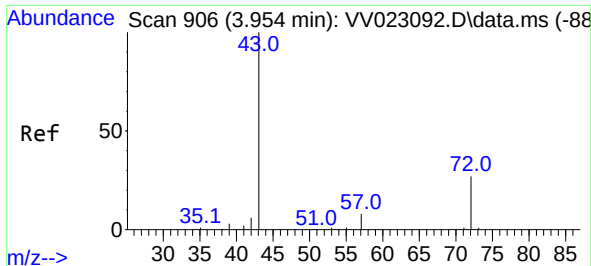
Lab File: VV023101.D

Acq: 29 Oct 2021 13:36

Tgt Ion:	96	Resp:	4684
Ion	Ratio	Lower	Upper
96	100		
61	125.3	83.0	154.1
68	0.0	0.0	0.0

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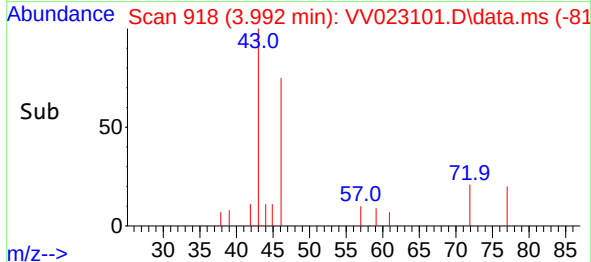
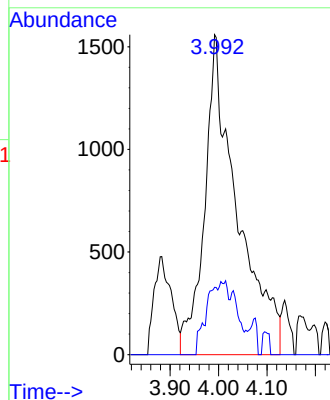
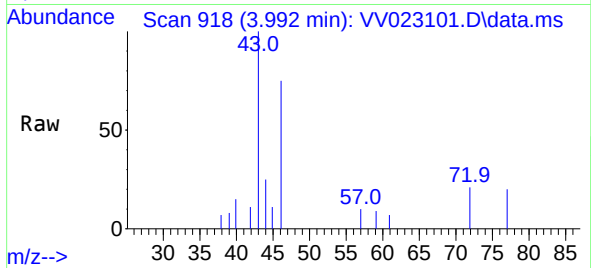


#22
2-Butanone
Concen: 4.642 ug/L m
RT: 3.992 min Scan# 918
Delta R.T. 0.038 min
Lab File: VV023101.D
Acq: 29 Oct 2021 13:36

Tgt Ion: 43 Resp: 7255
Ion Ratio Lower Upper
43 100
72 1.1 13.4 40.1#

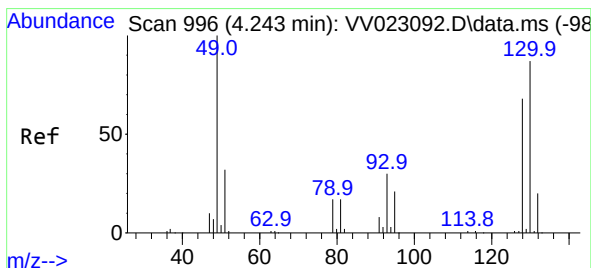
Instrument :
MSVOA_V
ClientSampled :
MDL05

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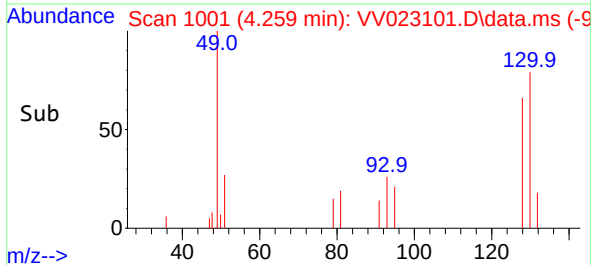
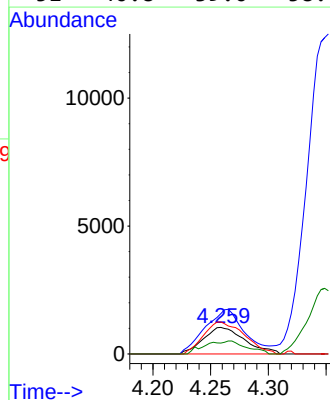
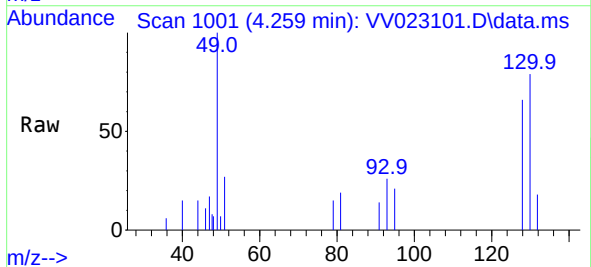
SAM

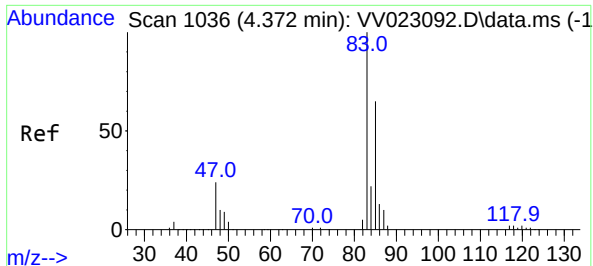
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#23
Bromochloromethane
Concen: 2.105 ug/L
RT: 4.259 min Scan# 1001
Delta R.T. 0.016 min
Lab File: VV023101.D
Acq: 29 Oct 2021 13:36

Tgt Ion: 128 Resp: 2598
Ion Ratio Lower Upper
128 100
49 152.3 104.7 194.4
130 120.7 89.7 166.7
51 40.8 39.0 58.4



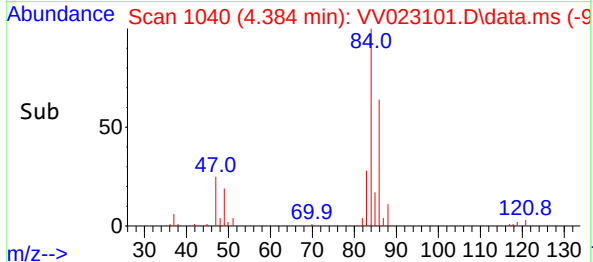
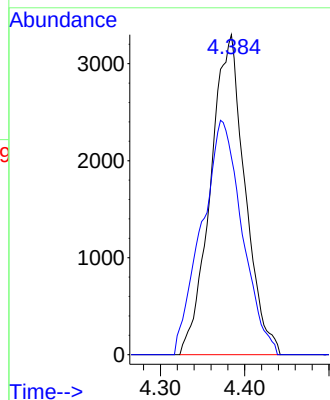
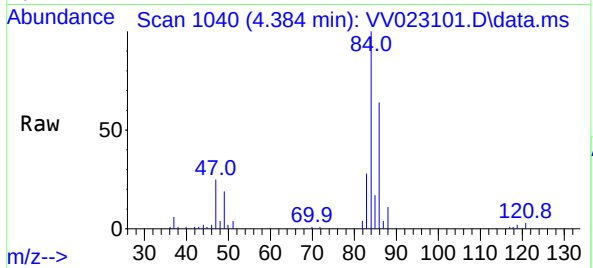


#25
Chloroform
Concen: 2.388 ug/L
RT: 4.384 min Scan# 1040
Delta R.T. 0.013 min
Lab File: VV023101.D
Acq: 29 Oct 2021 13:36

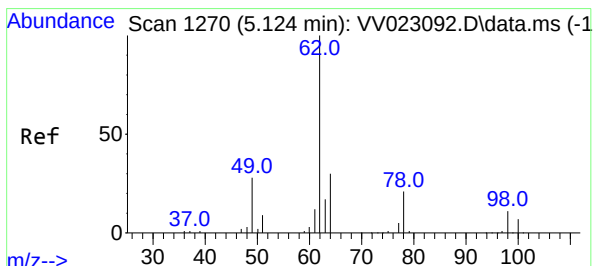
Tgt Ion: 83 Resp: 9374
Ion Ratio Lower Upper
83 100
85 61.7 44.4 82.4

Instrument :
MSVOA_V
ClientSampled :
MDL05

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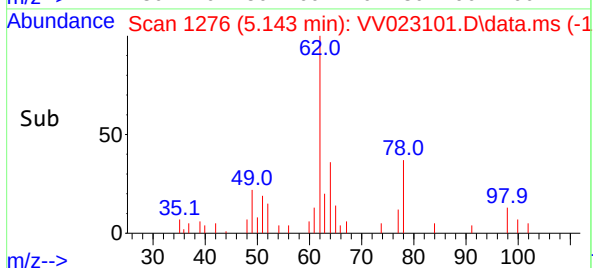
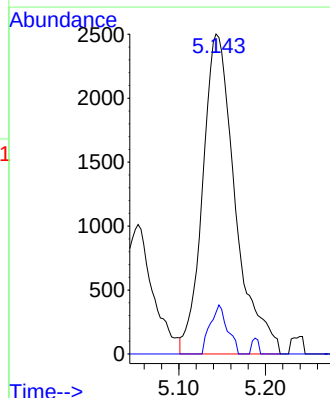
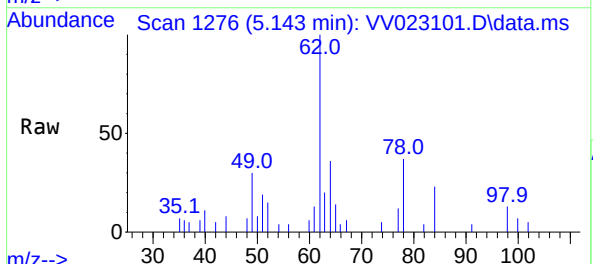
SAM

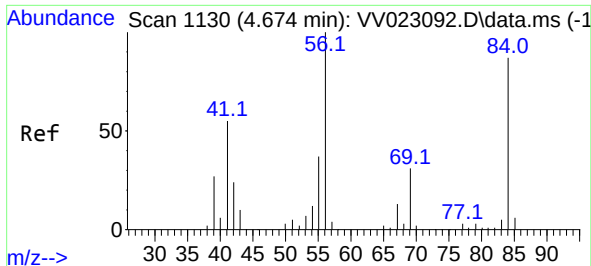


#27
1,2-Dichloroethane
Concen: 2.214 ug/L
RT: 5.143 min Scan# 1276
Delta R.T. 0.019 min
Lab File: VV023101.D
Acq: 29 Oct 2021 13:36

Tgt Ion: 62 Resp: 6524
Ion Ratio Lower Upper
62 100
98 13.0 8.2 12.4#

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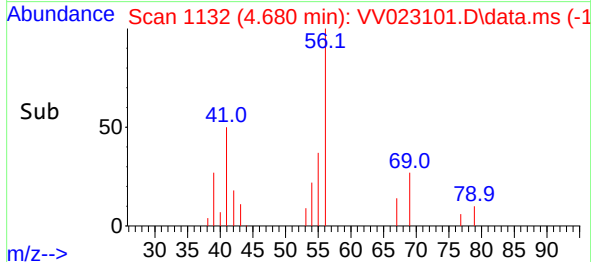
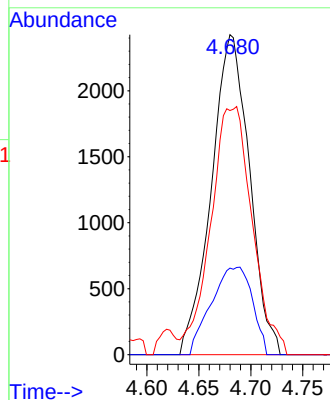
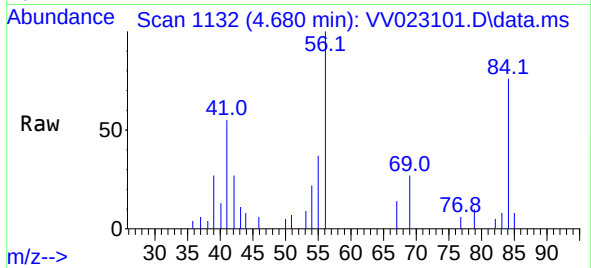


#29
Cyclohexane
Concen: 2.011 ug/L
RT: 4.680 min Scan# 1132
Delta R.T. 0.006 min
Lab File: VV023101.D
Acq: 29 Oct 2021 13:36

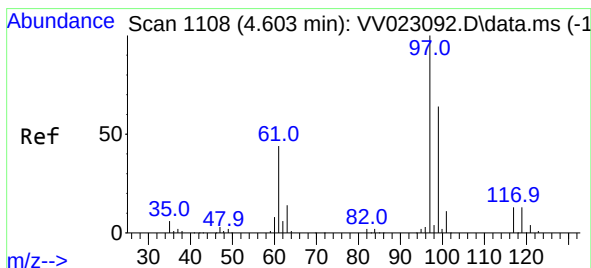
Tgt Ion: 56 Resp: 6177
Ion Ratio Lower Upper
56 100
69 29.4 24.6 36.8
84 37.0 72.8 109.2#

Instrument :
MSVOA_V
ClientSampled :
MDL05

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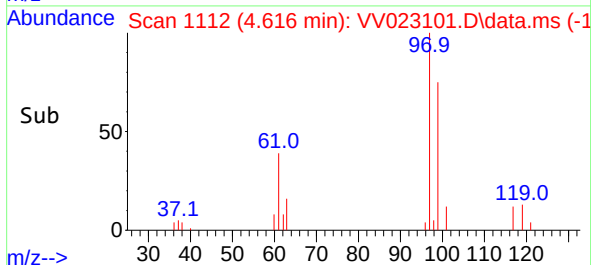
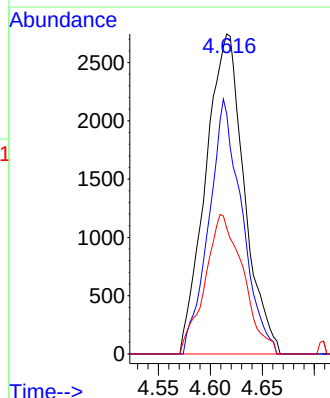
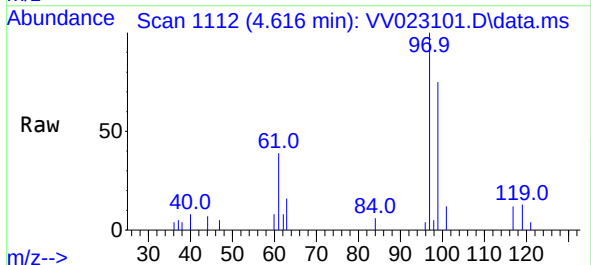
SAM

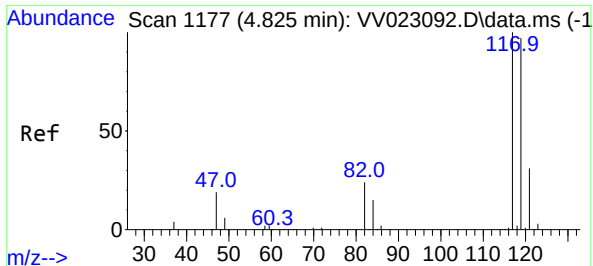


#30
1,1,1-Trichloroethane
Concen: 2.018 ug/L
RT: 4.616 min Scan# 1112
Delta R.T. 0.013 min
Lab File: VV023101.D
Acq: 29 Oct 2021 13:36

Tgt Ion: 97 Resp: 7074
Ion Ratio Lower Upper
97 100
99 68.5 51.9 77.9
61 43.2 33.8 50.6

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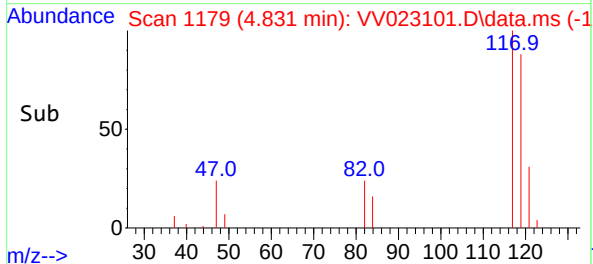
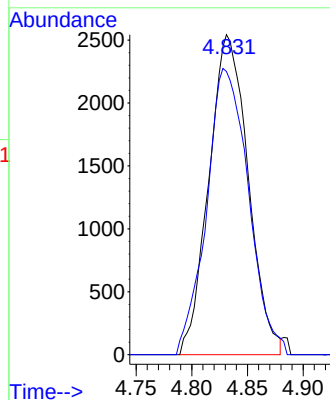
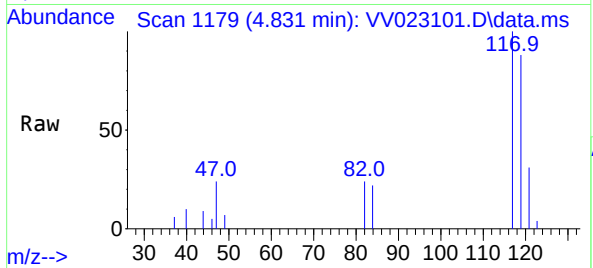


#31
Carbon tetrachloride
Concen: 1.977 ug/L
RT: 4.831 min Scan# 1179
Delta R.T. 0.006 min
Lab File: VV023101.D
Acq: 29 Oct 2021 13:36

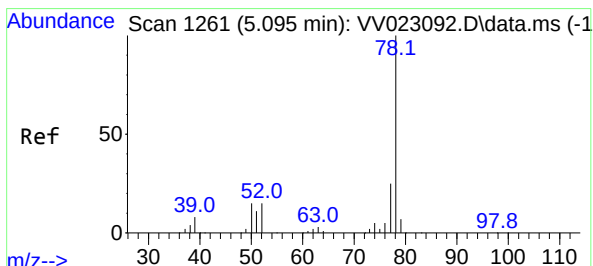
Tgt Ion: 117 Resp: 6230
Ion Ratio Lower Upper
117 100
119 95.3 77.0 115.4

Instrument :
MSVOA_V
ClientSampled :
MDL05

Manual Integrations
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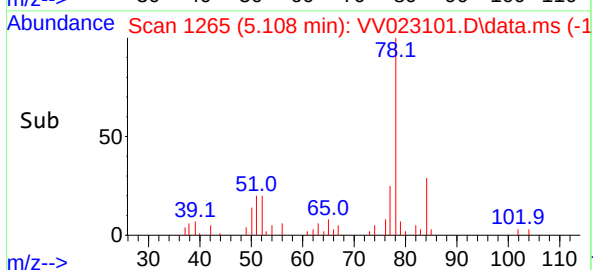
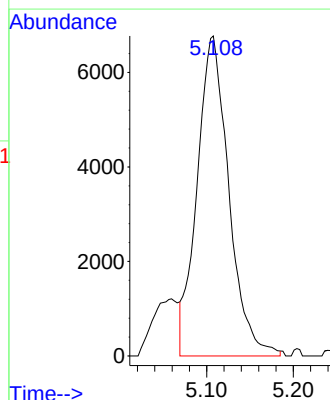
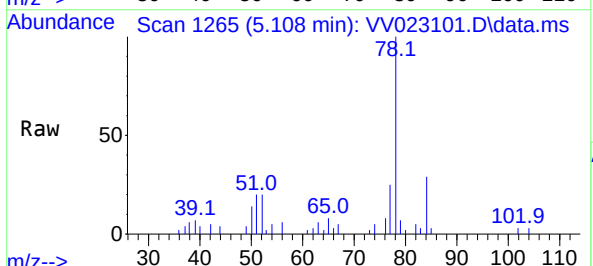
SAM

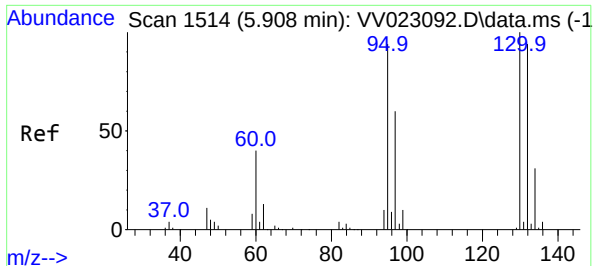


#33
Benzene
Concen: 2.101 ug/L
RT: 5.108 min Scan# 1265
Delta R.T. 0.013 min
Lab File: VV023101.D
Acq: 29 Oct 2021 13:36

Tgt Ion: 78 Resp: 17222

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#34

Trichloroethene

Concen: 2.150 ug/L

RT: 5.924 min Scan# 1519

Delta R.T. 0.016 min

Lab File: VV023101.D

Acq: 29 Oct 2021 13:36

Tgt Ion: 95 Resp: 4605

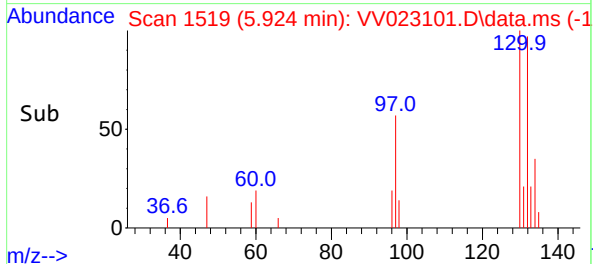
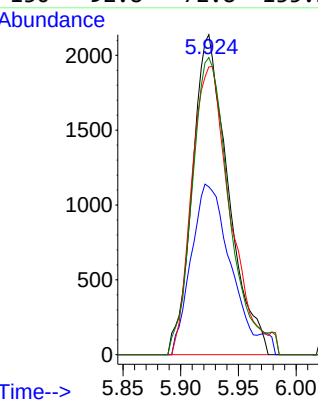
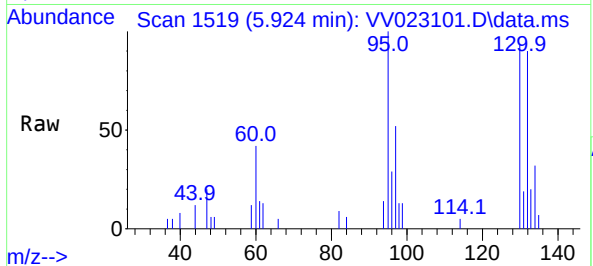
Ion Ratio Lower Upper

95 100

97 52.5 44.4 82.5

132 89.9 71.5 132.9

130 92.8 72.8 135.2



Instrument :

MSVOA_V

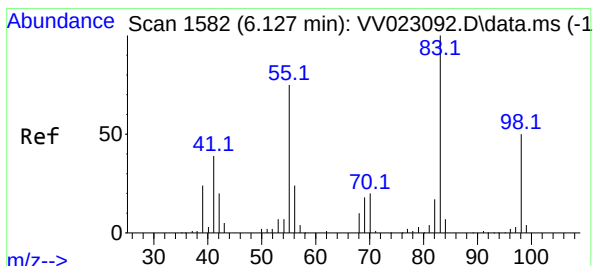
ClientSampleId :

MDL05

Manual Integrations
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SAM

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#35

Methylcyclohexane

Concen: 2.013 ug/L

RT: 6.130 min Scan# 1583

Delta R.T. 0.003 min

Lab File: VV023101.D

Acq: 29 Oct 2021 13:36

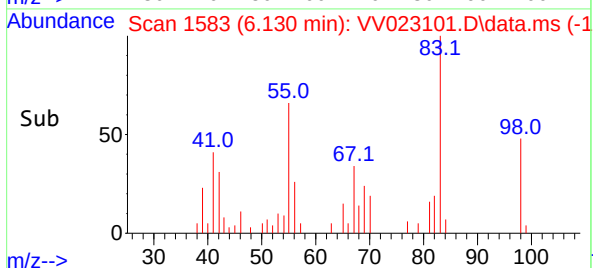
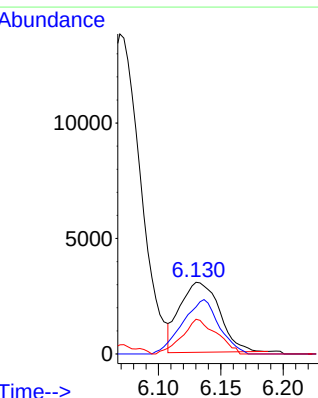
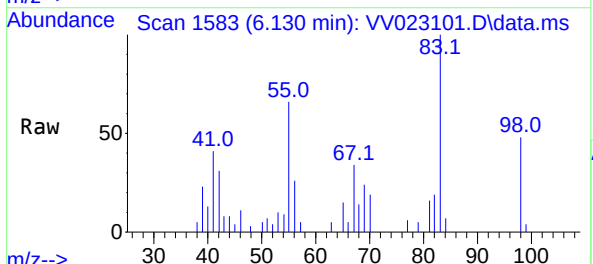
Tgt Ion: 83 Resp: 6718

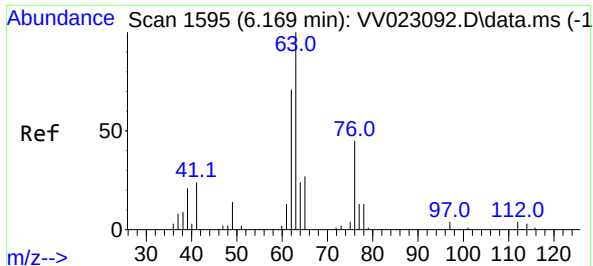
Ion Ratio Lower Upper

83 100

55 71.7 60.1 90.1

98 43.2 41.2 61.8



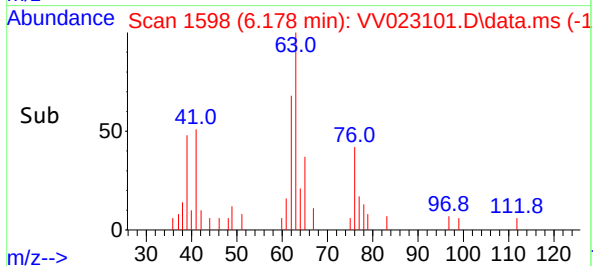
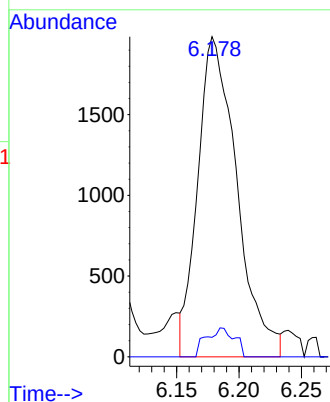
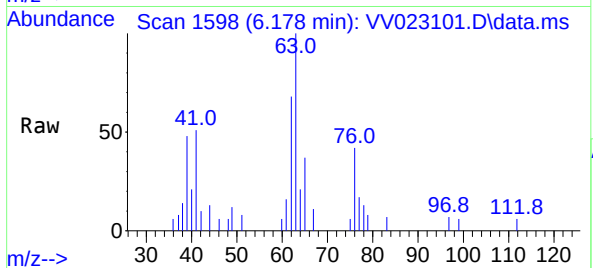


#37
1,2-Dichloropropane
Concen: 2.002 ug/L
RT: 6.178 min Scan# 1598
Delta R.T. 0.009 min
Lab File: VV023101.D
Acq: 29 Oct 2021 13:36

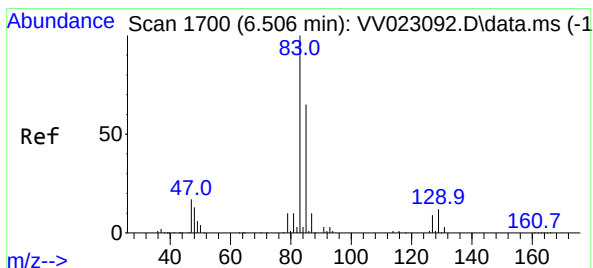
Tgt Ion: 63 Resp: 4312
Ion Ratio Lower Upper
63 100
112 2.1 3.8 5.8#

Instrument :
MSVOA_V
ClientSampled :
MDL05

Manual Integrations
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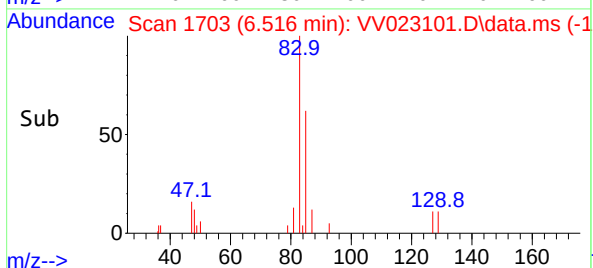
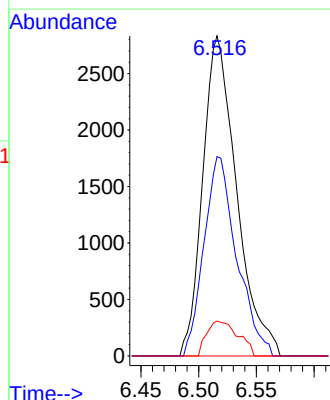
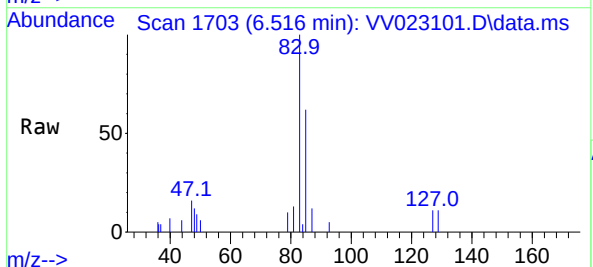
SAM

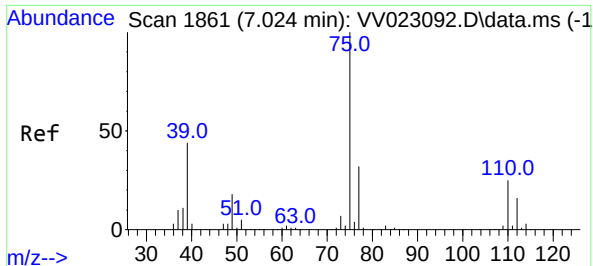


#38
Bromodichloromethane
Concen: 1.979 ug/L
RT: 6.516 min Scan# 1703
Delta R.T. 0.009 min
Lab File: VV023101.D
Acq: 29 Oct 2021 13:36

Tgt Ion: 83 Resp: 5770
Ion Ratio Lower Upper
83 100
85 62.3 46.1 85.5
127 10.9 7.4 11.0

11/1/2021 6:39:43 PM



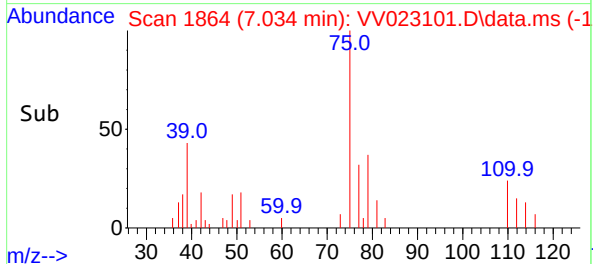
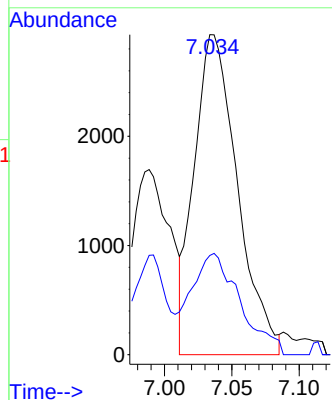
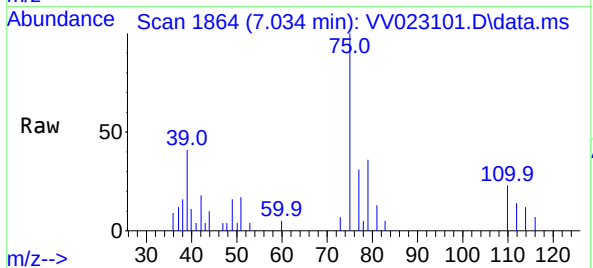


#39
 cis-1,3-Dichloropropene
 Concen: 2.003 ug/L m
 RT: 7.034 min Scan# 1864
 Delta R.T. 0.009 min
 Lab File: VV023101.D
 Acq: 29 Oct 2021 13:36

Instrument :
 MSVOA_V
 ClientSampled :
 MDL05

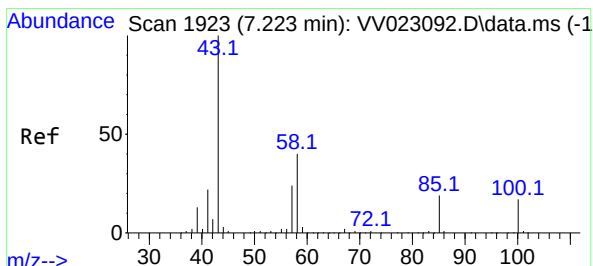
Tgt Ion: 75 Resp: 6543
 Ion Ratio Lower Upper
 75 100
 77 31.0 21.8 40.6

Manual Integrations
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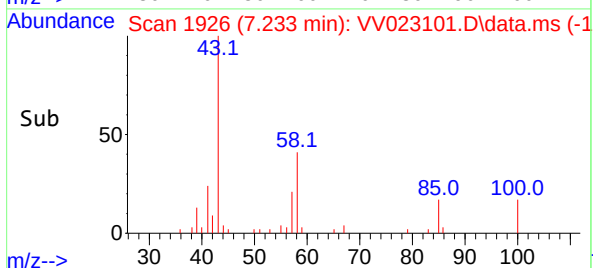
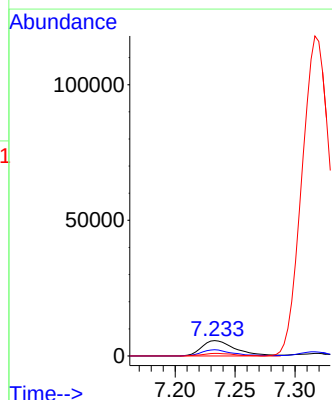
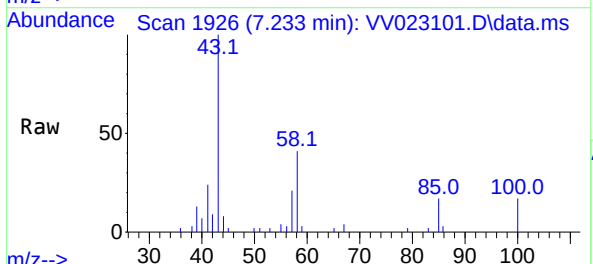
SAM

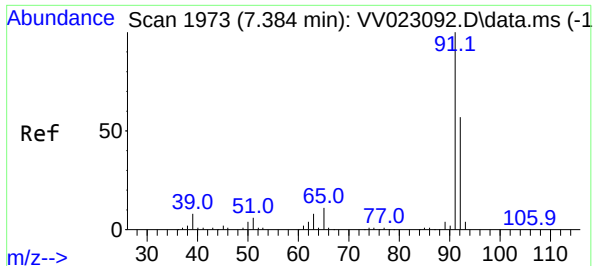
11/1/2021 6:39:43 PM



#40
 4-Methyl-2-pentanone
 Concen: 3.989 ug/L
 RT: 7.233 min Scan# 1926
 Delta R.T. 0.009 min
 Lab File: VV023101.D
 Acq: 29 Oct 2021 13:36

Tgt Ion: 43 Resp: 11083
 Ion Ratio Lower Upper
 43 100
 58 37.8 32.4 48.6
 100 14.8 13.4 20.2





#42

Toluene

Concen: 2.589 ug/L

RT: 7.394 min Scan# 1976

Delta R.T. 0.009 min

Lab File: VV023101.D

Acq: 29 Oct 2021 13:36

Tgt Ion: 91 Resp: 22713

Ion Ratio Lower Upper

91 100

92 53.7 40.6 75.4

Instrument :

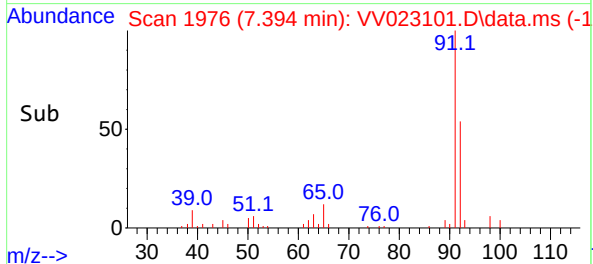
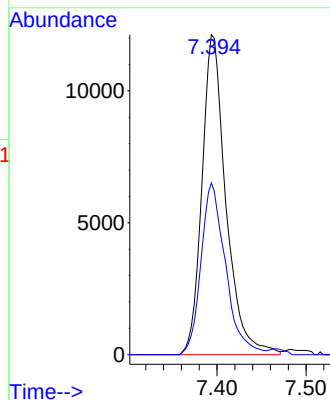
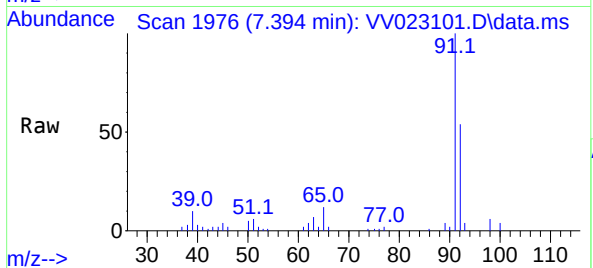
MSVOA_V

ClientSampled :

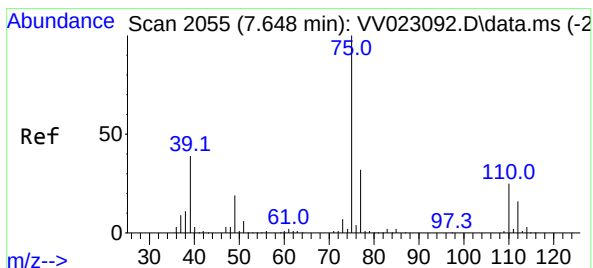
MDL05

Manual Integrations

APPROVED



SAM



#44

trans-1,3-Dichloropropene

Concen: 2.211 ug/L m

RT: 7.657 min Scan# 2058

Delta R.T. 0.009 min

Lab File: VV023101.D

Acq: 29 Oct 2021 13:36

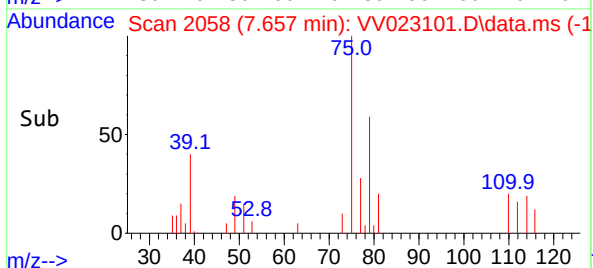
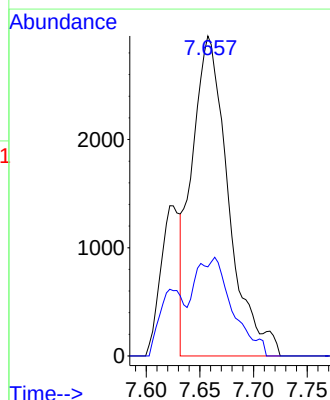
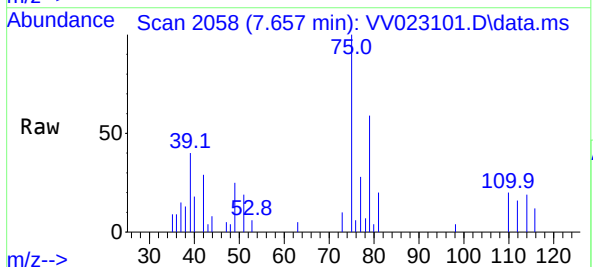
Tgt Ion: 75 Resp: 7002

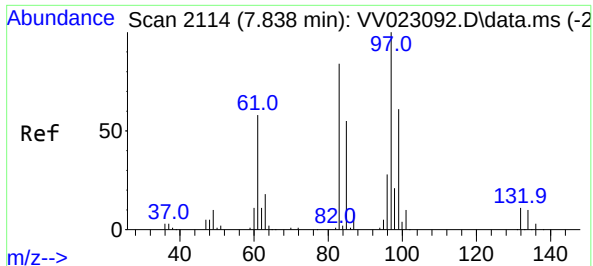
Ion Ratio Lower Upper

75 100

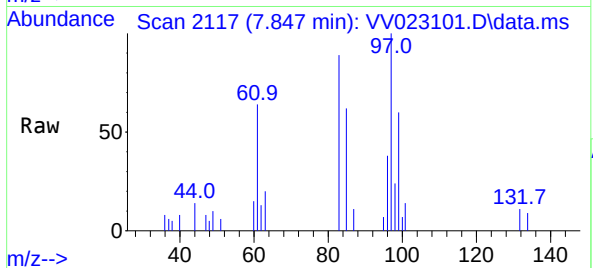
77 27.9 21.4 39.8

11/1/2021 6:39:43 PM



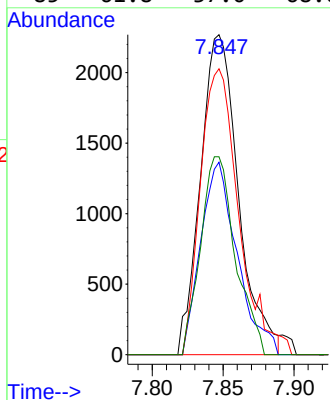


#45
1,1,2-Trichloroethane
Concen: 1.925 ug/L
RT: 7.847 min Scan# 2117
Delta R.T. 0.009 min
Lab File: VV023101.D
Acq: 29 Oct 2021 13:36



Tgt Ion: 97 Resp: 4233

Ion	Ratio	Lower	Upper
97	100		
99	60.2	44.2	82.2
83	89.3	57.7	107.1
85	61.8	37.0	68.6

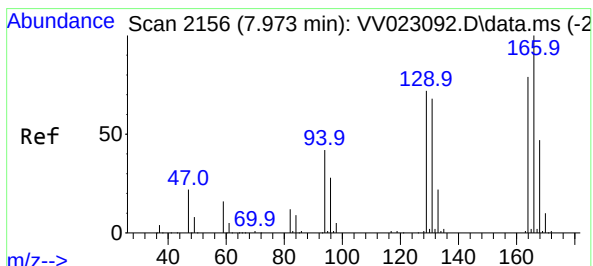


Instrument :
MSVOA_V
ClientSampled :
MDL05

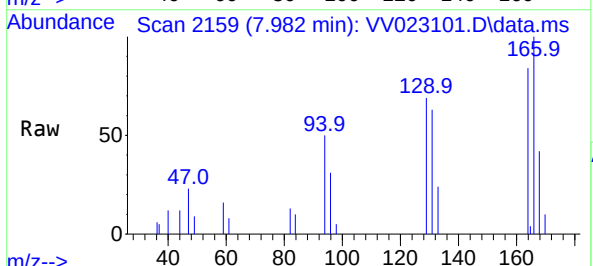
Manual Integrations
APPROVED

SAM

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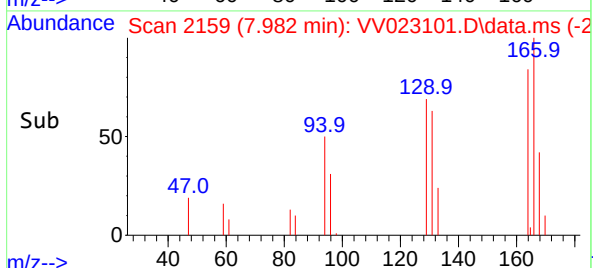
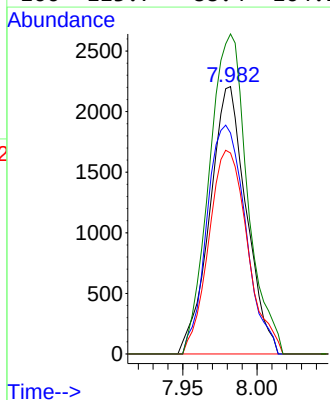


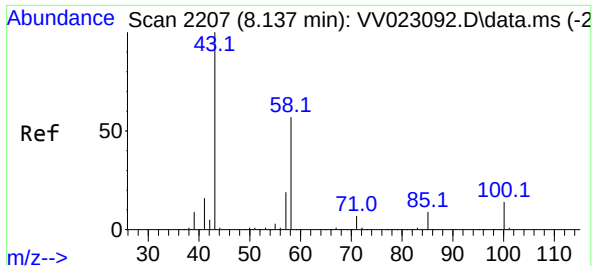
#46
Tetrachloroethene
Concen: 2.046 ug/L
RT: 7.982 min Scan# 2159
Delta R.T. 0.009 min
Lab File: VV023101.D
Acq: 29 Oct 2021 13:36



Tgt Ion: 164 Resp: 3777

Ion	Ratio	Lower	Upper
164	100		
129	78.5	64.6	120.0
131	71.4	62.9	116.7
166	113.7	88.4	164.2



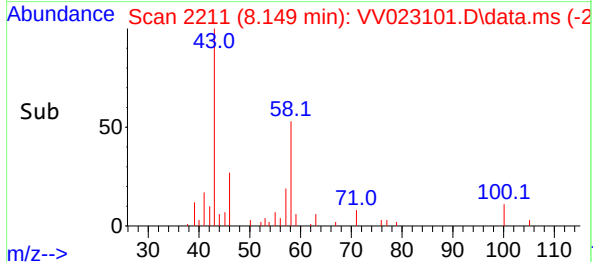
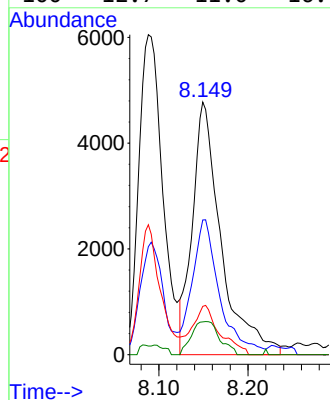
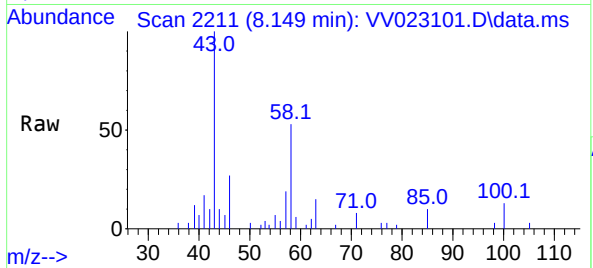


#48
2-Hexanone
Concen: 4.869 ug/L
RT: 8.149 min Scan# 2211
Delta R.T. 0.013 min
Lab File: VV023101.D
Acq: 29 Oct 2021 13:36

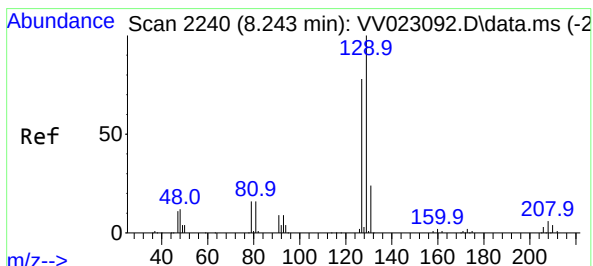
Tgt Ion: 43	Resp: 10739
Ion Ratio	Lower Upper
43 100	
58 51.5	45.6 68.4
57 8.8	15.4 23.0#
100 12.7	11.0 16.4

Instrument :
MSVOA_V
ClientSampled :
MDL05

Manual Integrations
APPROVED



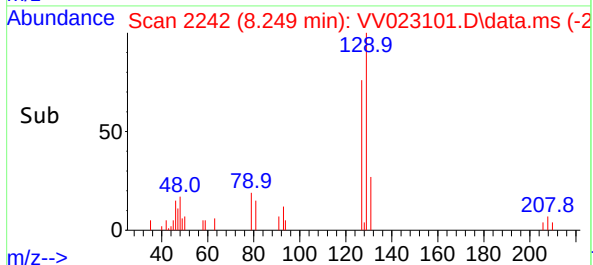
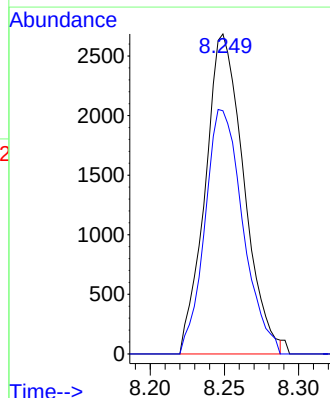
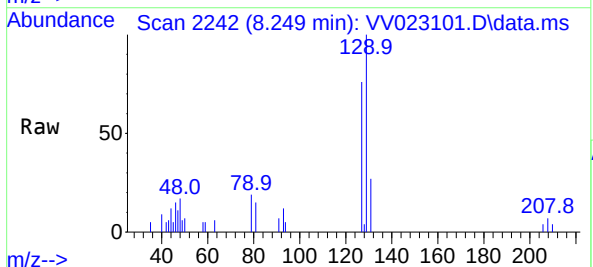
SAM

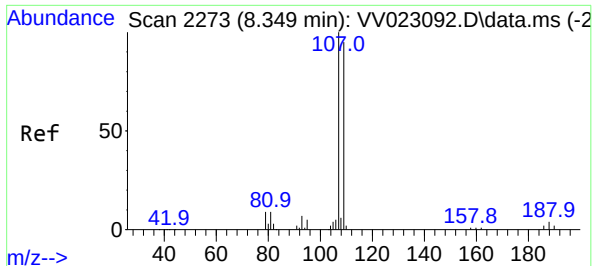


#49
Dibromochloromethane
Concen: 1.930 ug/L
RT: 8.249 min Scan# 2242
Delta R.T. 0.006 min
Lab File: VV023101.D
Acq: 29 Oct 2021 13:36

Tgt Ion:129	Resp:	4850	
Ion	Ratio	Lower	Upper
129	100		
127	76.0	53.9	100.1

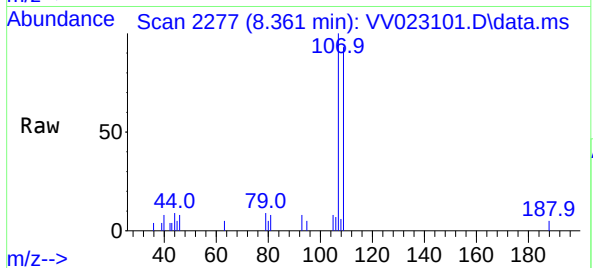
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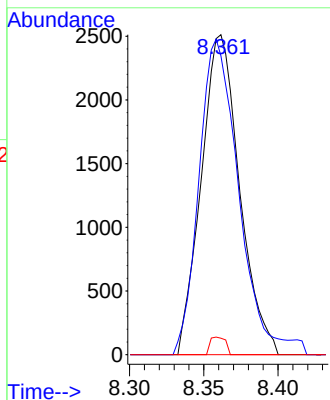
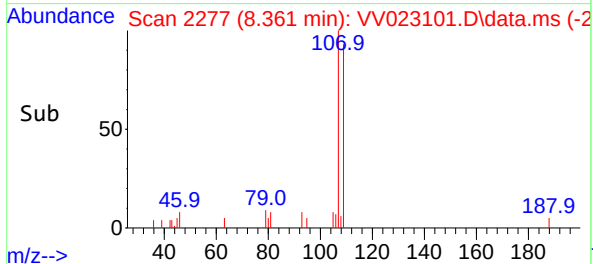
#50
1,2-Dibromoethane
Concen: 1.946 ug/L
RT: 8.361 min Scan# 2277
Delta R.T. 0.013 min
Lab File: VV023101.D
Acq: 29 Oct 2021 13:36

Instrument :
MSVOA_V
ClientSampleId :
MDL05

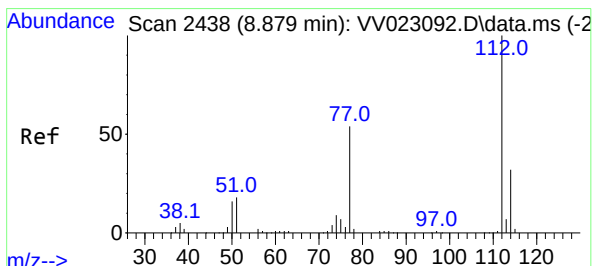


Tgt Ion:107 Resp: 4509
Ion Ratio Lower Upper
107 100
109 93.4 67.3 124.9
188 5.2 3.3 4.9#

Manual Integrations
APPROVED

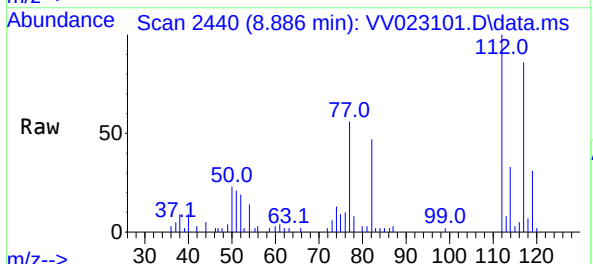


SAM

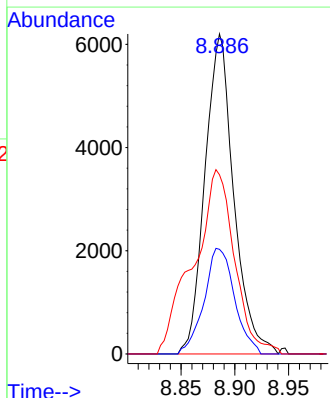
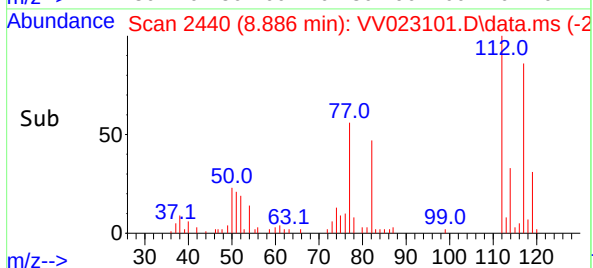


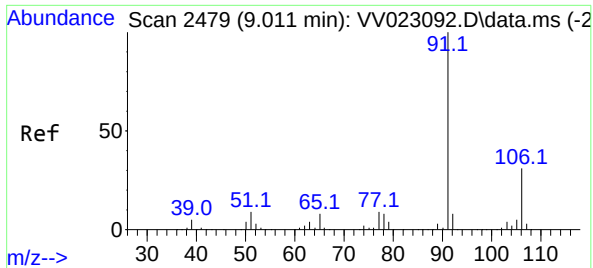
#51
Chlorobenzene
Concen: 1.950 ug/L
RT: 8.886 min Scan# 2440
Delta R.T. 0.006 min
Lab File: VV023101.D
Acq: 29 Oct 2021 13:36

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Tgt Ion:112 Resp: 11554
Ion Ratio Lower Upper
112 100
114 32.7 22.2 41.2
77 56.0 44.6 67.0



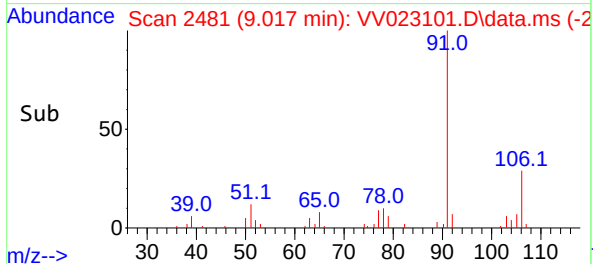
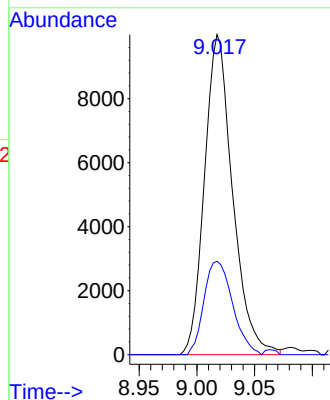
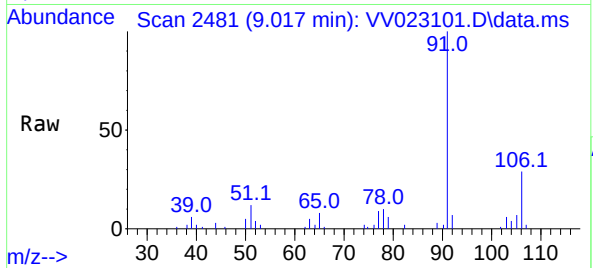


#52
Ethylbenzene
Concen: 1.813 ug/L
RT: 9.017 min Scan# 2481
Delta R.T. 0.006 min
Lab File: VV023101.D
Acq: 29 Oct 2021 13:36

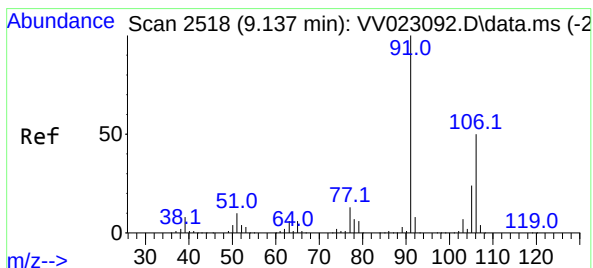
Instrument :
MSVOA_V
ClientSampled :
MDL05

Tgt Ion: 91 Resp: 16922
Ion Ratio Lower Upper
91 100
106 29.2 21.8 40.4

Manual Integrations
APPROVED



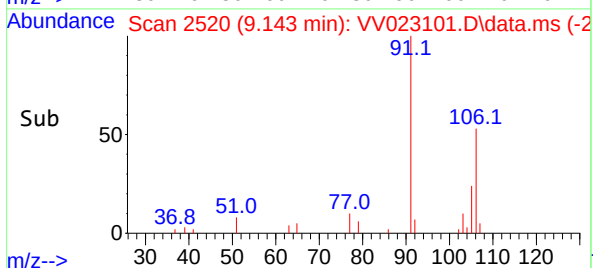
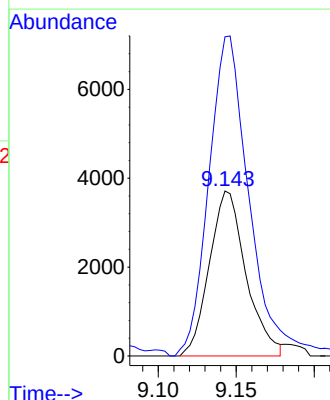
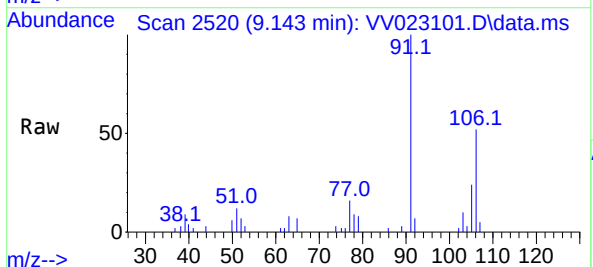
SAM

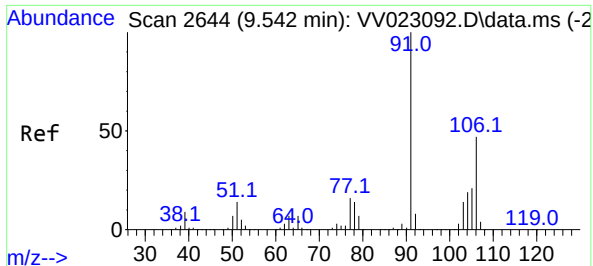


#53
m,p-Xylene
Concen: 1.688 ug/L
RT: 9.143 min Scan# 2520
Delta R.T. 0.006 min
Lab File: VV023101.D
Acq: 29 Oct 2021 13:36

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Tgt Ion: 106 Resp: 6073
Ion Ratio Lower Upper
106 100
91 193.5 137.3 254.9



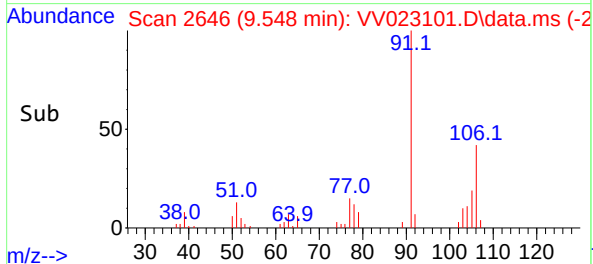
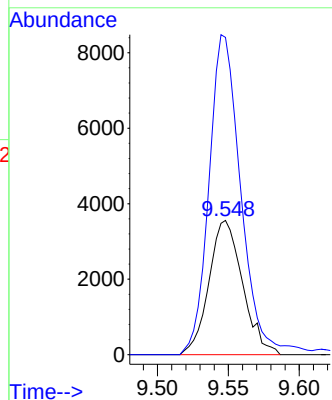
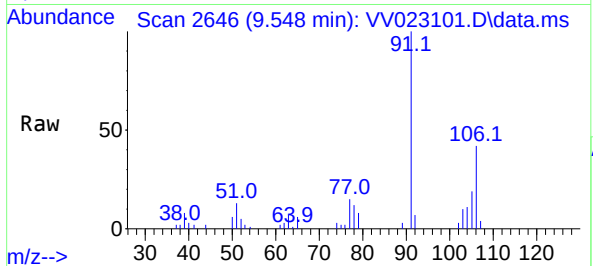


#54
o-Xylene
Concen: 1.681 ug/L
RT: 9.548 min Scan# 2646
Delta R.T. 0.006 min
Lab File: VV023101.D
Acq: 29 Oct 2021 13:36

Instrument :
MSVOA_V
ClientSampled :
MDL05

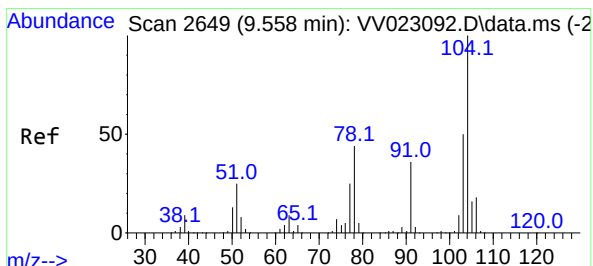
Tgt Ion:106 Resp: 5886
Ion Ratio Lower Upper
106 100
91 236.4 145.0 269.4

Manual Integrations
APPROVED



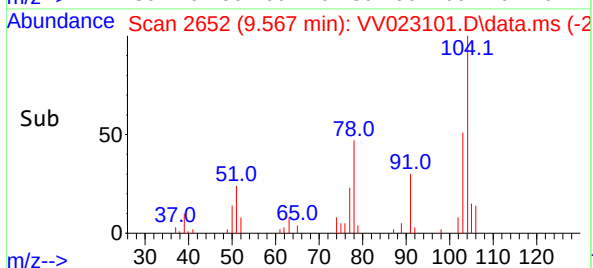
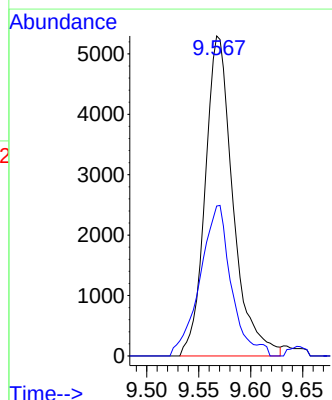
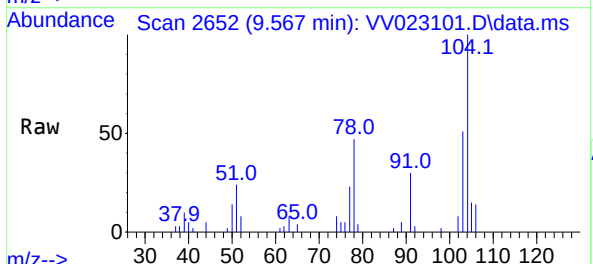
SAM

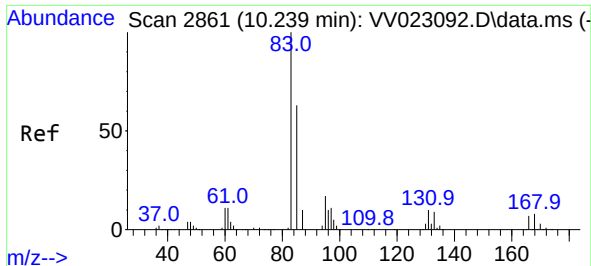
11/1/2021 6:39:43 PM



#55
Styrene
Concen: 1.625 ug/L
RT: 9.567 min Scan# 2652
Delta R.T. 0.009 min
Lab File: VV023101.D
Acq: 29 Oct 2021 13:36

Tgt Ion:104 Resp: 9891
Ion Ratio Lower Upper
104 100
78 46.8 29.8 55.4



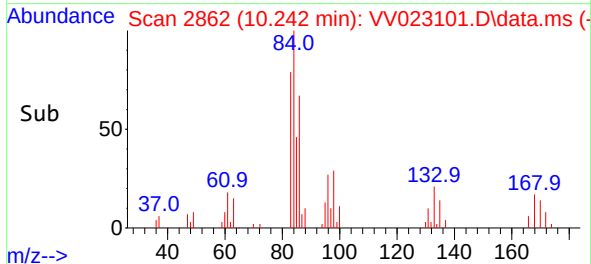
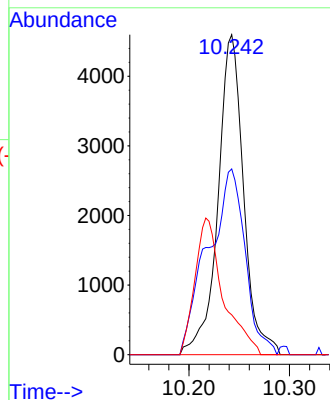
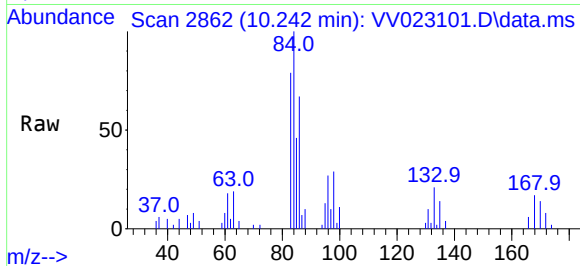


#57
1,1,2,2-Tetrachloroethane
Concen: 2.316 ug/L
RT: 10.242 min Scan# 2862
Delta R.T. 0.003 min
Lab File: VV023101.D
Acq: 29 Oct 2021 13:36

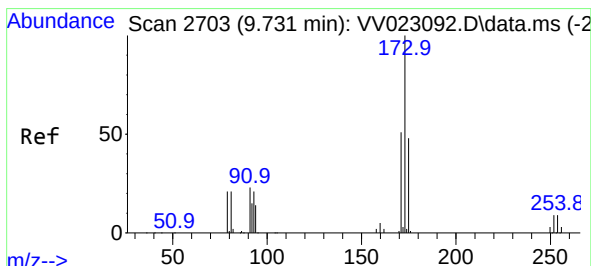
Tgt Ion:	83	Resp:	8124
Ion	Ratio	Lower	Upper
83	100		
85	58.1	44.7	83.1
131	12.4	7.8	11.8#

Instrument :
MSVOA_V
ClientSampled :
MDL05

Manual Integrations
APPROVED



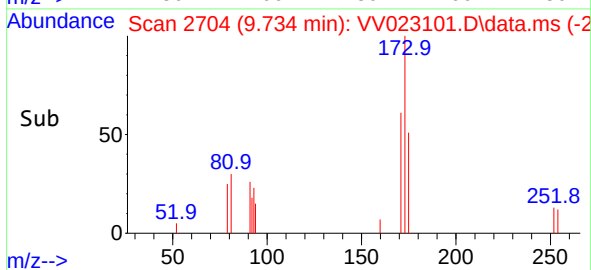
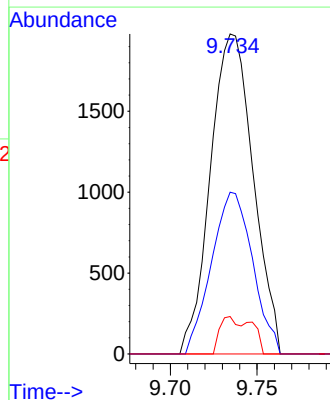
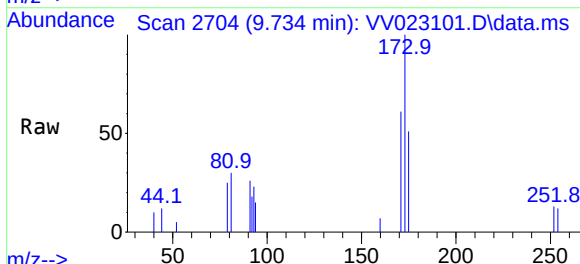
SAM

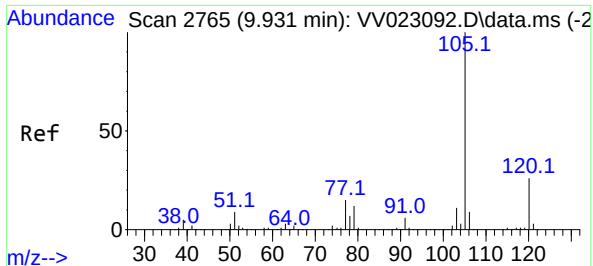


#59
Bromoform
Concen: 2.027 ug/L
RT: 9.734 min Scan# 2704
Delta R.T. 0.003 min
Lab File: VV023101.D
Acq: 29 Oct 2021 13:36

Tgt Ion:	173	Resp:	3397
Ion	Ratio	Lower	Upper
173	100		
175	48.6	39.3	58.9
254	5.5	7.2	10.8#

11/1/2021 6:39:43 PM



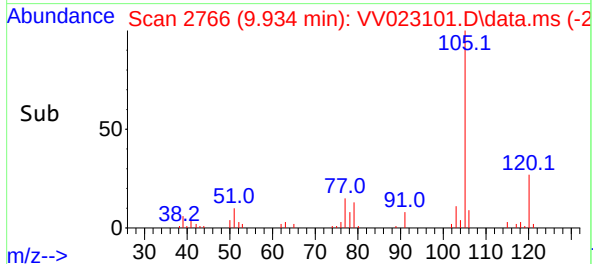
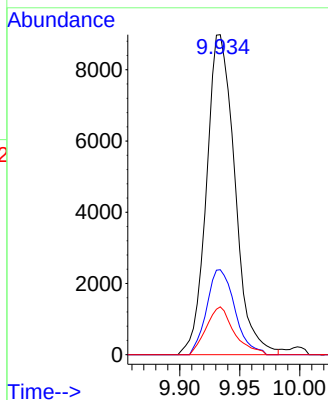
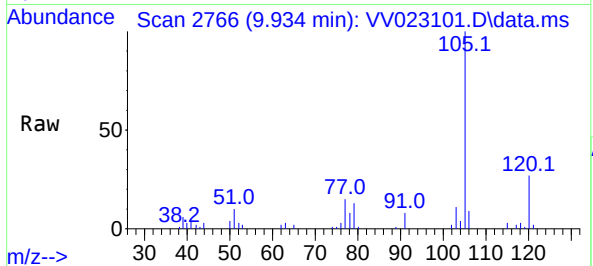


#60
Isopropylbenzene
Concen: 1.743 ug/L
RT: 9.934 min Scan# 2766
Delta R.T. 0.003 min
Lab File: VV023101.D
Acq: 29 Oct 2021 13:36

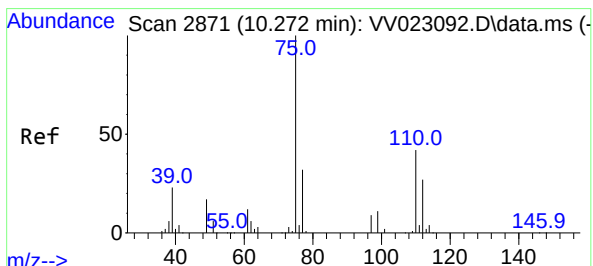
Tgt Ion:	105	Resp:	14749
Ion	Ratio	Lower	Upper
105	100		
120	26.4	21.0	31.6
77	14.7	12.2	18.2

Instrument :
MSVOA_V
ClientSampled :
MDL05

Manual Integrations
APPROVED



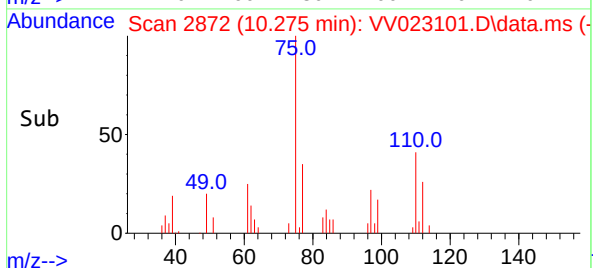
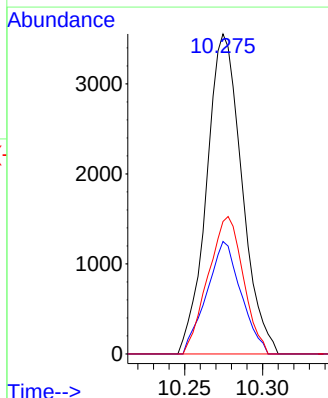
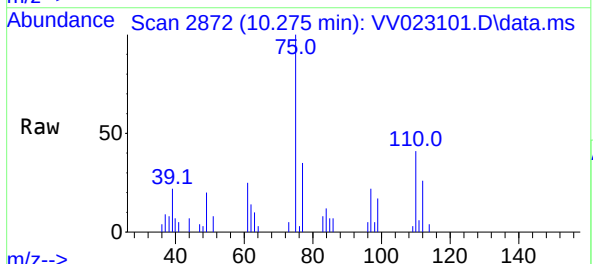
SAM

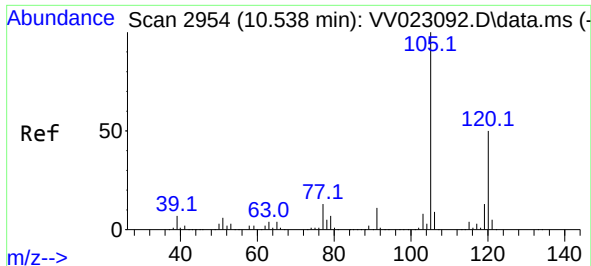


#61
1,2,3-Trichloropropane
Concen: 2.251 ug/L
RT: 10.275 min Scan# 2872
Delta R.T. 0.003 min
Lab File: VV023101.D
Acq: 29 Oct 2021 13:36

Tgt Ion:	75	Resp:	5587
Ion	Ratio	Lower	Upper
75	100		
77	34.3	25.6	38.4
110	42.8	33.1	49.7

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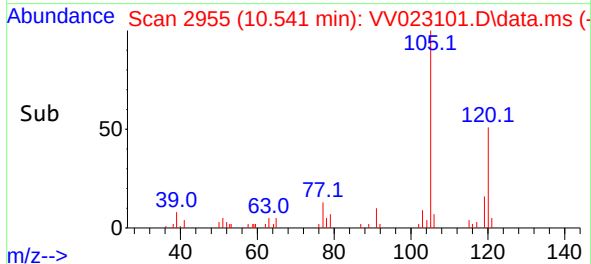
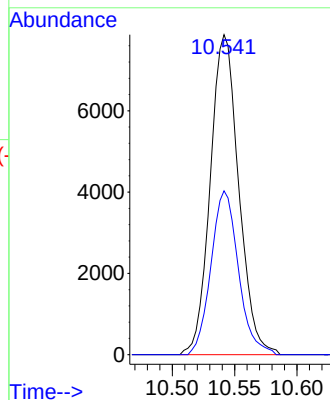
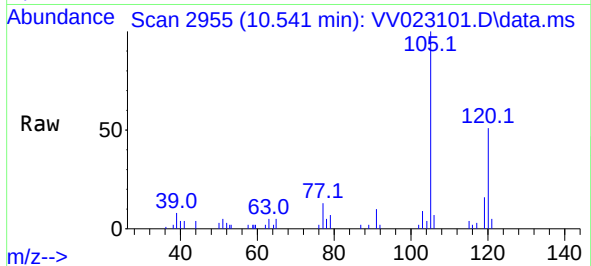


#62
1,3,5-Trimethylbenzene
Concen: 1.796 ug/L
RT: 10.541 min Scan# 2955
Delta R.T. 0.003 min
Lab File: VV023101.D
Acq: 29 Oct 2021 13:36

Tgt Ion:105 Resp: 12515
Ion Ratio Lower Upper
105 100
120 49.4 39.6 59.4

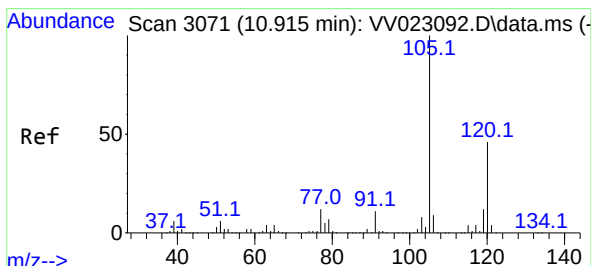
Instrument :
MSVOA_V
ClientSampled :
MDL05

Manual Integrations
APPROVED



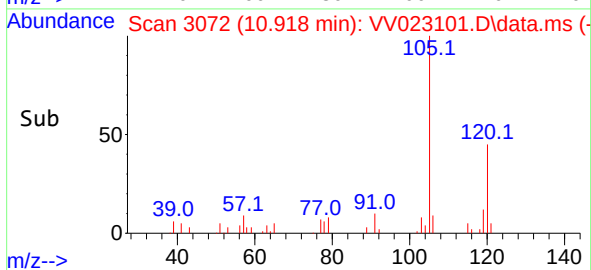
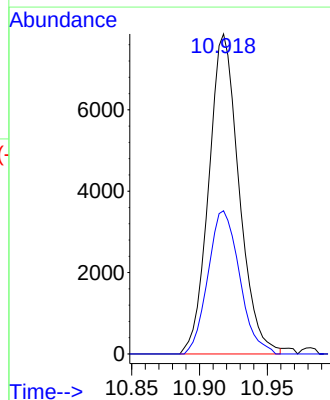
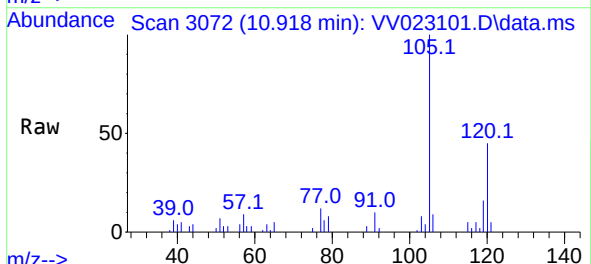
SAM

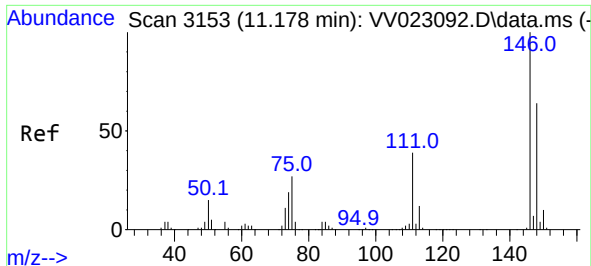
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#63
1,2,4-Trimethylbenzene
Concen: 1.747 ug/L
RT: 10.918 min Scan# 3072
Delta R.T. 0.003 min
Lab File: VV023101.D
Acq: 29 Oct 2021 13:36

Tgt Ion:105 Resp: 12224
Ion Ratio Lower Upper
105 100
120 46.6 37.1 55.7



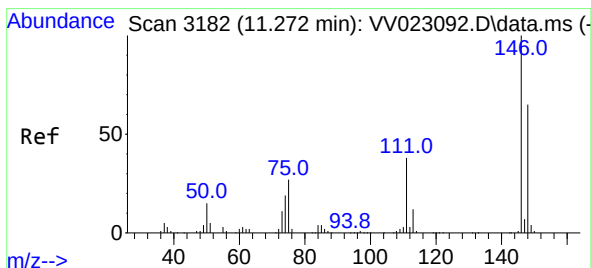
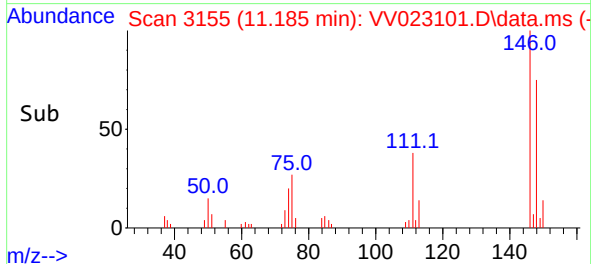
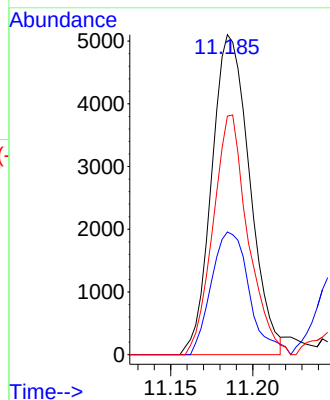
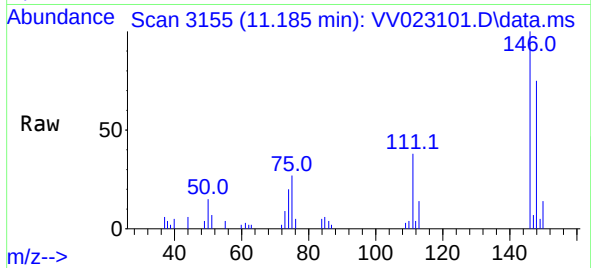


#64
1,3-Dichlorobenzene
Concen: 1.915 ug/L
RT: 11.185 min Scan# 3155
Delta R.T. 0.006 min
Lab File: VV023101.D
Acq: 29 Oct 2021 13:36

Tgt Ion:	146	Resp:	8191
Ion	Ratio	Lower	Upper
146	100		
111	38.3	27.3	50.7
148	74.5	44.2	82.0

Instrument :
MSVOA_V
ClientSampled :
MDL05

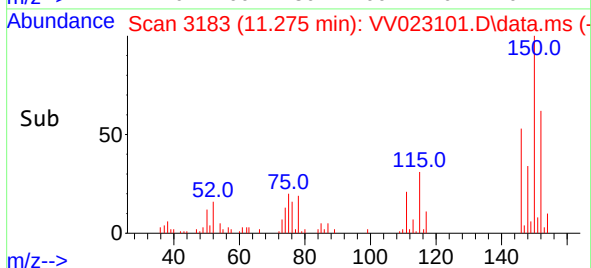
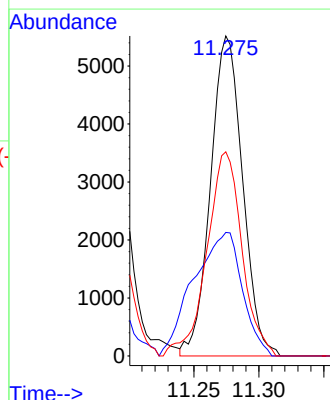
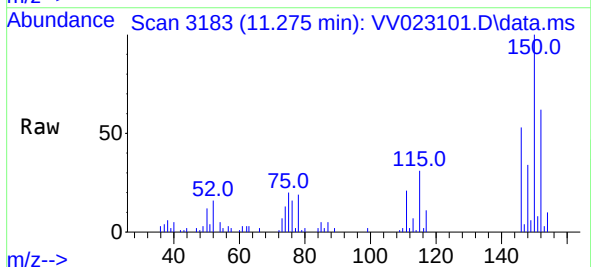
Manual Integrations
APPROVED

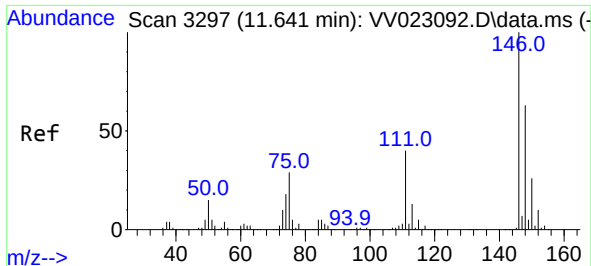


#65
1,4-Dichlorobenzene
Concen: 2.124 ug/L
RT: 11.275 min Scan# 3183
Delta R.T. 0.003 min
Lab File: VV023101.D
Acq: 29 Oct 2021 13:36

Tgt Ion:	146	Resp:	9466
Ion	Ratio	Lower	Upper
146	100		
111	38.6	26.0	48.2
148	63.8	44.7	82.9

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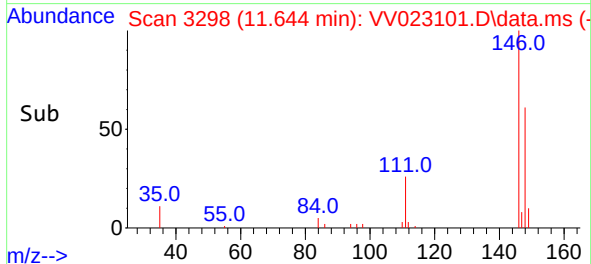
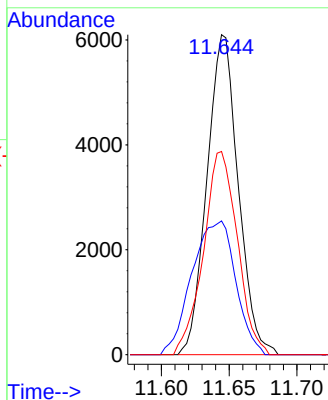
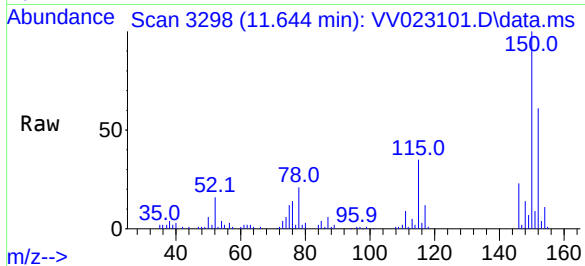


#67
1,2-Dichlorobenzene
Concen: 2.265 ug/L
RT: 11.644 min Scan# 3298
Delta R.T. 0.003 min
Lab File: VV023101.D
Acq: 29 Oct 2021 13:36

Tgt Ion:146 Resp: 9797
Ion Ratio Lower Upper
146 100
111 41.8 32.2 48.2
148 63.5 51.8 77.8

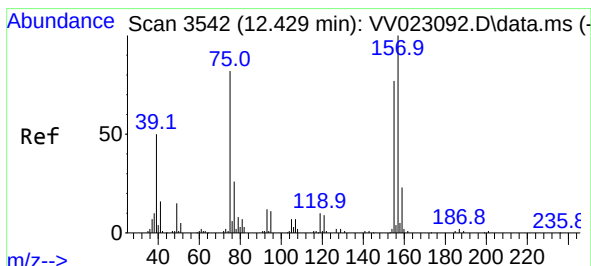
Instrument :
MSVOA_V
ClientSampled :
MDL05

Manual Integrations
APPROVED



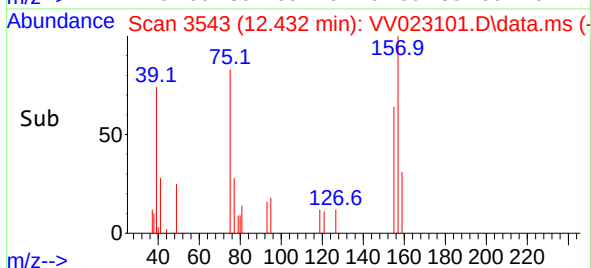
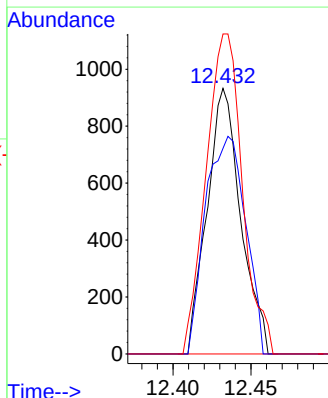
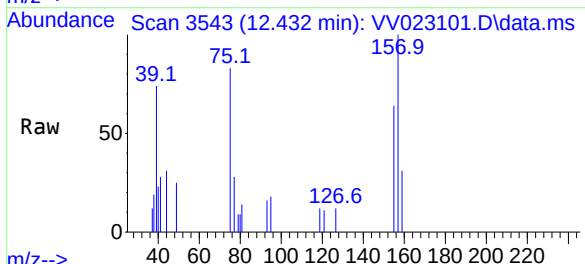
SAM

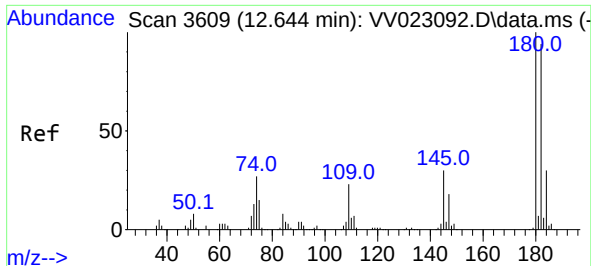
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#68
1,2-Dibromo-3-chloropropane
Concen: 2.026 ug/L
RT: 12.432 min Scan# 3543
Delta R.T. 0.003 min
Lab File: VV023101.D
Acq: 29 Oct 2021 13:36

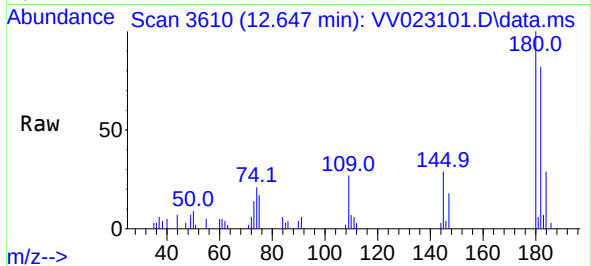
Tgt Ion: 75 Resp: 1404
Ion Ratio Lower Upper
75 100
155 77.4 75.7 113.5
157 120.5 96.4 144.6





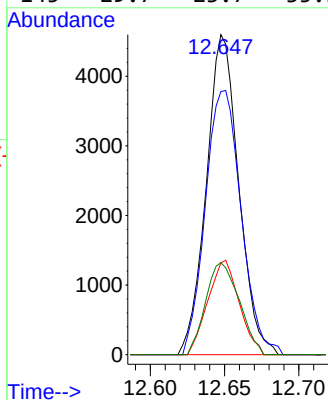
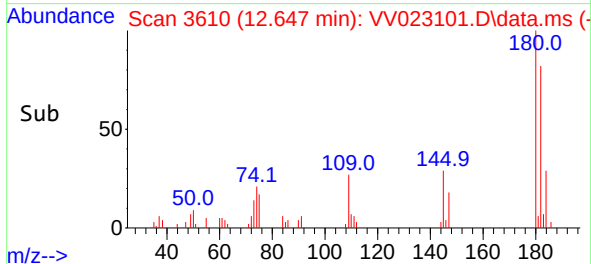
#69
1,3,5-Trichlorobenzene
Concen: 2.156 ug/L
RT: 12.647 min Scan# 3610
Delta R.T. 0.003 min
Lab File: VV023101.D
Acq: 29 Oct 2021 13:36

Instrument :
MSVOA_V
ClientSampled :
MDL05

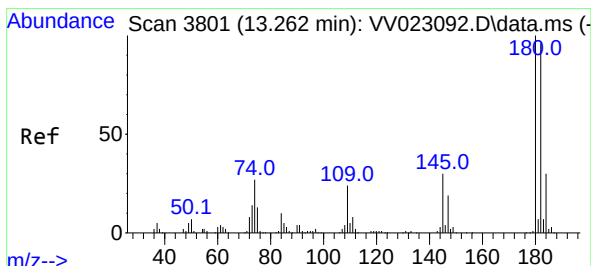


Tgt Ion:180 Resp: 6977
Ion Ratio Lower Upper
180 100
182 91.0 76.6 115.0
184 28.5 24.6 36.8
145 29.7 23.7 35.5

Manual Integrations
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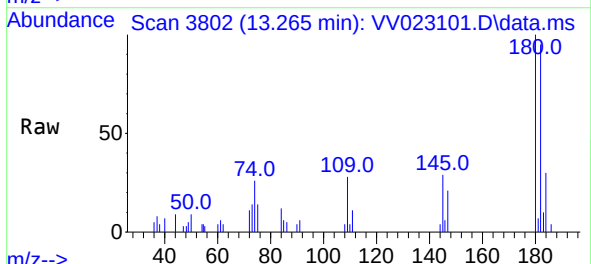


SAM

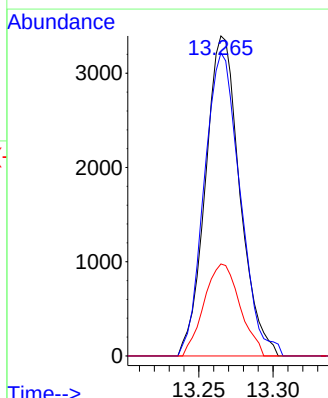
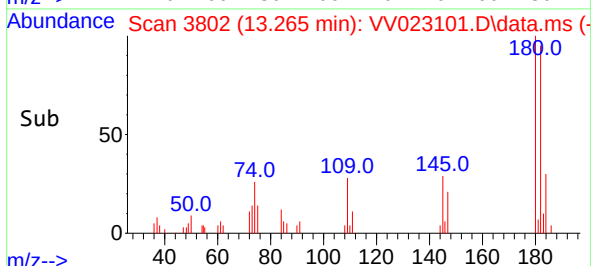


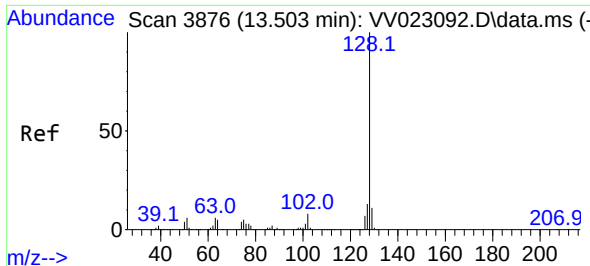
#70
1,2,4-trichlorobenzene
Concen: 1.948 ug/L
RT: 13.265 min Scan# 3802
Delta R.T. 0.003 min
Lab File: VV023101.D
Acq: 29 Oct 2021 13:36

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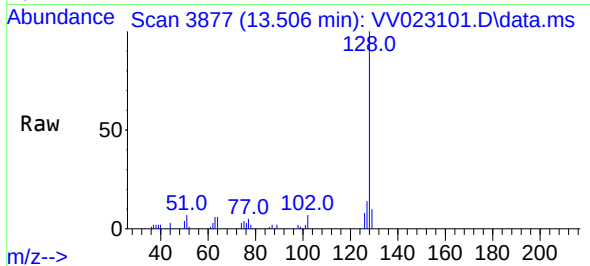
Tgt Ion:180 Resp: 5463
Ion Ratio Lower Upper
180 100
182 98.6 77.2 115.8
145 30.0 23.8 35.6





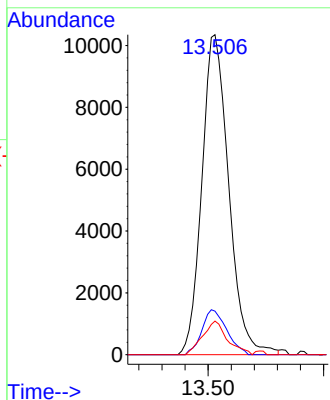
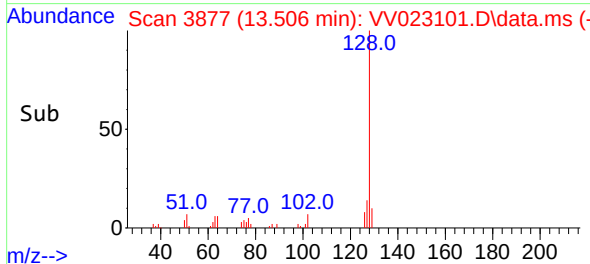
#71
Naphthalene
Concen: 1.859 ug/L
RT: 13.506 min Scan# 3877
Delta R.T. 0.003 min
Lab File: VV023101.D
Acq: 29 Oct 2021 13:36

Instrument :
MSVOA_V
ClientSampleId :
MDL05

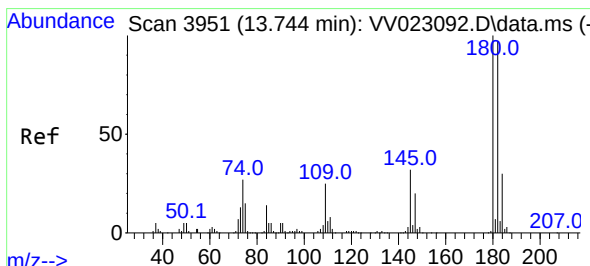


Tgt Ion:128 Resp: 16738
Ion Ratio Lower Upper
128 100
127 13.0 10.3 15.5
129 9.7 8.7 13.1

Manual Integrations
APPROVED

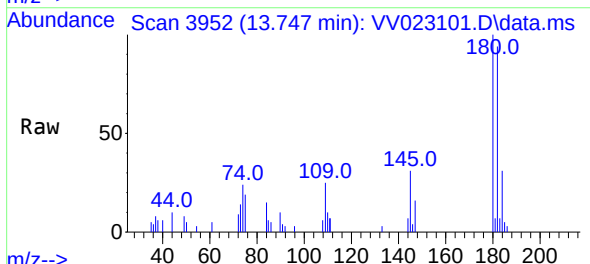


SAM



#72
1,2,3-Trichlorobenzene
Concen: 1.843 ug/L
RT: 13.747 min Scan# 3952
Delta R.T. 0.003 min
Lab File: VV023101.D
Acq: 29 Oct 2021 13:36

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Tgt Ion:180 Resp: 5462
Ion Ratio Lower Upper
180 100
182 106.5 77.0 115.4
145 30.8 26.4 39.6

