

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW102921\
 Data File : VW023103.D
 Acq On : 29 Oct 2021 14:23
 Operator : SY/MD
 Sample : MDL04
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 MDL04

Manual Integrations
 APPROVED

SAM

Quant Time: Oct 30 00:50:21 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

11/1/2021 6:39:55 PM

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	263714	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	261675	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	132987	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	80225	44.142	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	88.280%
7) Chloroethane-d5	1.564	69	66382	46.829	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	93.660%
11) 1,1-Dichloroethene-d2	2.108	63	119351	34.668	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	69.340%
21) 2-Butanone-d5	3.879	46	148419	109.000	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	109.000%
24) Chloroform-d	4.349	84	178247	46.647	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.300%
26) 1,2-Dichloroethane-d4	5.034	65	114869	50.788	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.580%
32) Benzene-d6	5.050	84	352864	49.226	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.460%
36) 1,2-Dichloropropane-d6	6.069	67	114175	50.035	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	100.080%
41) Toluene-d8	7.316	98	311226	47.589	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.180%
43) trans-1,3-Dichloroprop...	7.622	79	51261	46.869	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	93.740%
47) 2-Hexanone-d5	8.088	63	105037	105.979	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	105.980%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	161381	48.387	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	96.780%
66) 1,2-Dichlorobenzene-d4	11.625	152	132533	51.665	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	103.320%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.127	85	6061	2.418	ug/L	100
3) Chloromethane	1.240	50	5442	2.302	ug/L	92
5) Vinyl chloride	1.310	62	5546	2.347	ug/L #	81
6) Bromomethane	1.519	94	3130	2.358	ug/L	96
8) Chloroethane	1.580	64	3366	2.340	ug/L	87
9) Trichlorofluoromethane	1.751	101	8514	2.374	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.117	101	5661	2.974	ug/L #	84
12) 1,1-Dichloroethene	2.117	96	4990	2.825	ug/L #	1
13) Acetone	2.172	43	7748	5.741	ug/L #	76
14) Carbon disulfide	2.294	76	12758	2.415	ug/L	98
15) Methyl Acetate	2.439	43	5893	2.631	ug/L	96
16) Methylene chloride	2.506	84	5785	2.556	ug/L	95
17) trans-1,2-Dichloroethene	2.760	96	4756	2.359	ug/L	98
18) Methyl tert-butyl Ether	2.767	73	14177	2.342	ug/L	96
19) 1,1-Dichloroethane	3.194	63	9221	2.455	ug/L	91
20) cis-1,2-Dichloroethene	3.918	96	5303	2.461	ug/L	87
22) 2-Butanone	3.998	43	8503m	5.528	ug/L	
23) Bromochloromethane	4.256	128	2836	2.335	ug/L	96
25) Chloroform	4.374	83	10318m	2.671	ug/L	

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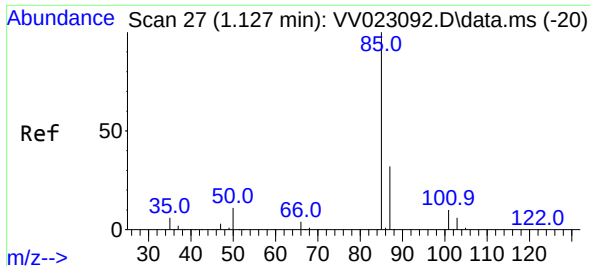
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 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM102821WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Oct 30 00:25:16 2021
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.137	62	6853m	2.364	ug/L	
29) Cyclohexane	4.677	56	6738	2.206	ug/L	95
30) 1,1,1-Trichloroethane	4.612	97	8299	2.380	ug/L	99
31) Carbon tetrachloride	4.831	117	6783	2.164	ug/L	99
33) Benzene	5.104	78	19875	2.438	ug/L	100
34) Trichloroethene	5.921	95	5184	2.434	ug/L	96
35) Methylcyclohexane	6.130	83	7294	2.197	ug/L	97
37) 1,2-Dichloropropane	6.175	63	5426m	2.533	ug/L	
38) Bromodichloromethane	6.516	83	6586	2.271	ug/L	90
39) cis-1,3-Dichloropropene	7.034	75	7920m	2.438	ug/L	
40) 4-Methyl-2-pentanone	7.233	43	12283	4.445	ug/L	99
42) Toluene	7.394	91	23850	2.734	ug/L	97
44) trans-1,3-Dichloropropene	7.657	75	7266m	2.307	ug/L	
45) 1,1,2-Trichloroethane	7.847	97	5000	2.286	ug/L	89
46) Tetrachloroethene	7.979	164	4119	2.243	ug/L	98
48) 2-Hexanone	8.146	43	10718	4.886	ug/L #	95
49) Dibromochloromethane	8.249	129	5668	2.268	ug/L	96
50) 1,2-Dibromoethane	8.358	107	5546	2.407	ug/L	94
51) Chlorobenzene	8.886	112	14102	2.393	ug/L	96
52) Ethylbenzene	9.017	91	19635	2.115	ug/L	98
53) m,p-Xylene	9.143	106	7262	2.029	ug/L	98
54) o-Xylene	9.548	106	7229	2.076	ug/L	90
55) Styrene	9.567	104	11204	1.851	ug/L	94
57) 1,1,2,2-Tetrachloroethane	10.242	83	9054	2.595	ug/L #	98
59) Bromoform	9.734	173	3927	2.334	ug/L #	94
60) Isopropylbenzene	9.934	105	17345	2.042	ug/L	99
61) 1,2,3-Trichloropropane	10.275	75	6609	2.652	ug/L	97
62) 1,3,5-Trimethylbenzene	10.541	105	14265	2.039	ug/L	97
63) 1,2,4-Trimethylbenzene	10.918	105	14519	2.067	ug/L	97
64) 1,3-Dichlorobenzene	11.185	146	9571	2.228	ug/L	97
65) 1,4-Dichlorobenzene	11.278	146	10509	2.349	ug/L	93
67) 1,2-Dichlorobenzene	11.644	146	11212	2.582	ug/L	96
68) 1,2-Dibromo-3-chloropr...	12.432	75	1924	2.766	ug/L	91
69) 1,3,5-Trichlorobenzene	12.647	180	7592	2.337	ug/L	98
70) 1,2,4-trichlorobenzene	13.265	180	6436	2.286	ug/L	96
71) Naphthalene	13.506	128	18579	2.055	ug/L	100
72) 1,2,3-Trichlorobenzene	13.747	180	6484	2.179	ug/L	99

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



#2
 Dichlorodifluoromethane
 Concen: 2.418 ug/L
 RT: 1.127 min Scan# 27
 Delta R.T. -0.000 min
 Lab File: VV023103.D
 Acq: 29 Oct 2021 14:23

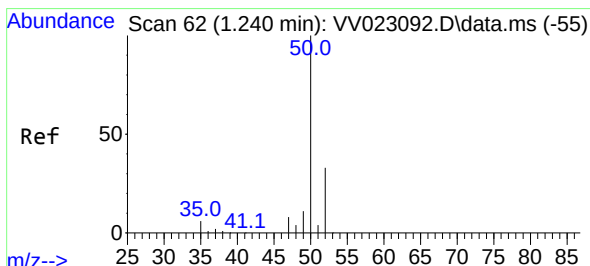
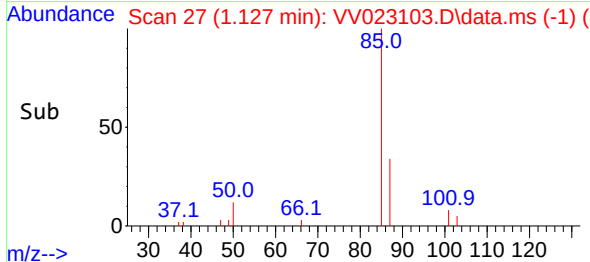
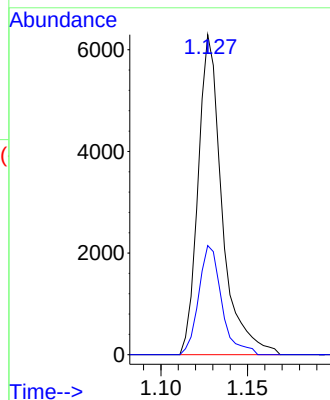
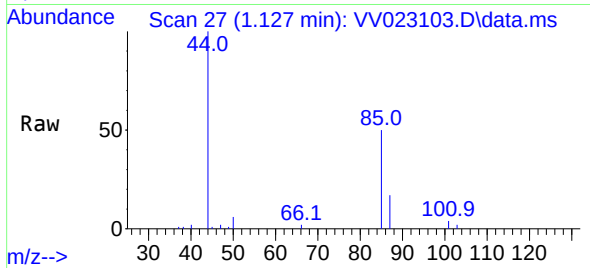
Tgt Ion: 85 Resp: 6061
 Ion Ratio Lower Upper
 85 100
 87 32.7 26.2 39.2

Instrument :
 MSVOA_V
 ClientSampled :
 MDL04

Manual Integrations
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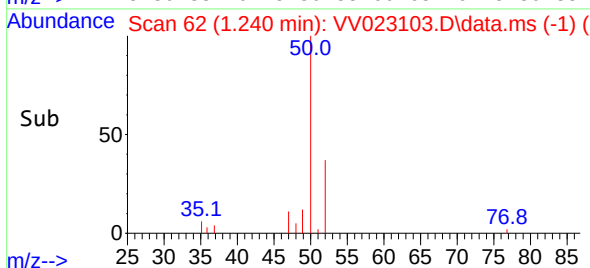
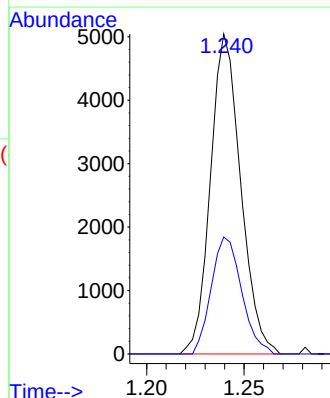
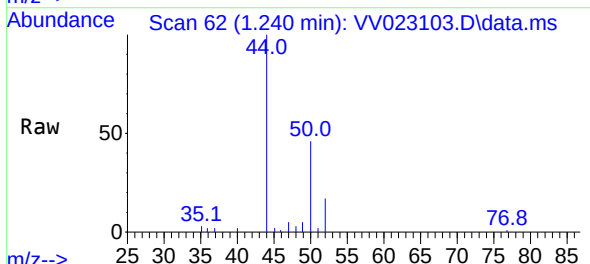
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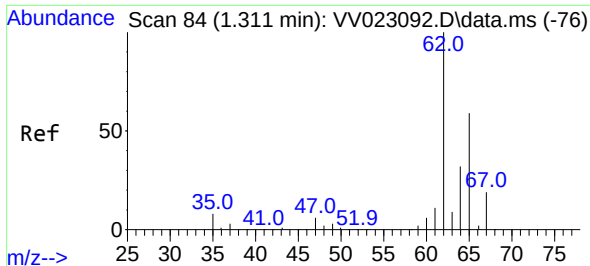
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#3
 Chloromethane
 Concen: 2.302 ug/L
 RT: 1.240 min Scan# 62
 Delta R.T. -0.000 min
 Lab File: VV023103.D
 Acq: 29 Oct 2021 14:23

Tgt Ion: 50 Resp: 5442
 Ion Ratio Lower Upper
 50 100
 52 36.6 22.5 41.9





#5
 Vinyl chloride
 Concen: 2.347 ug/L
 RT: 1.310 min Scan# 84
 Delta R.T. -0.000 min
 Lab File: VV023103.D
 Acq: 29 Oct 2021 14:23

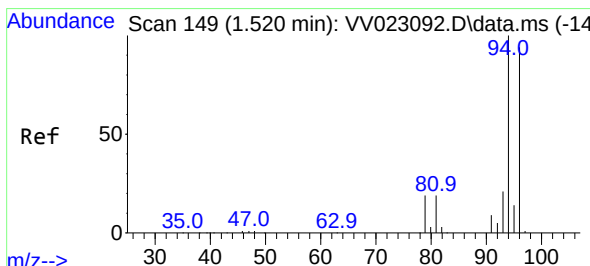
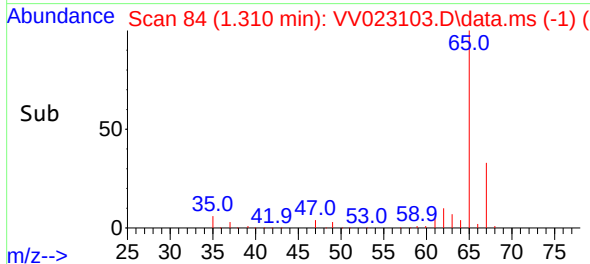
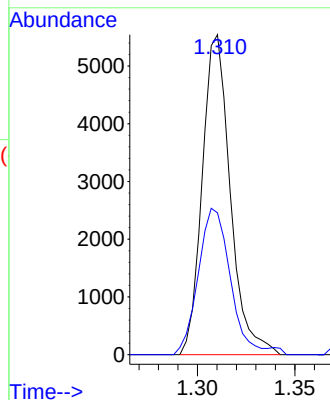
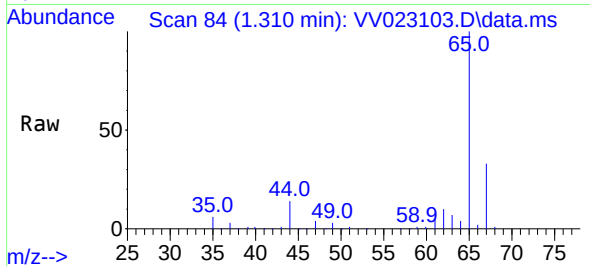
Tgt Ion: 62 Resp: 5546
 Ion Ratio Lower Upper
 62 100
 64 44.3 23.4 43.4#

Instrument :
 MSVOA_V
 ClientSampled :
 MDL04

Manual Integrations
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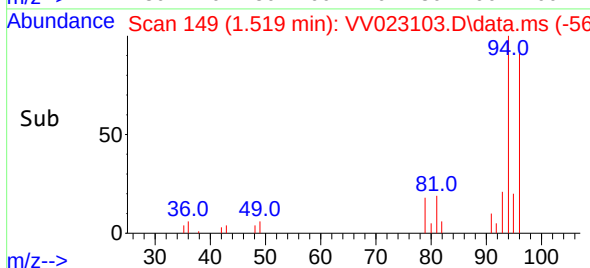
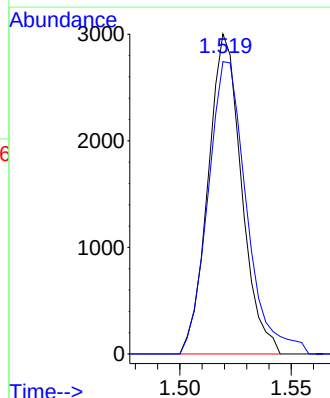
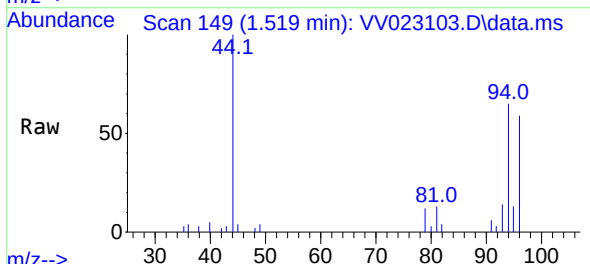
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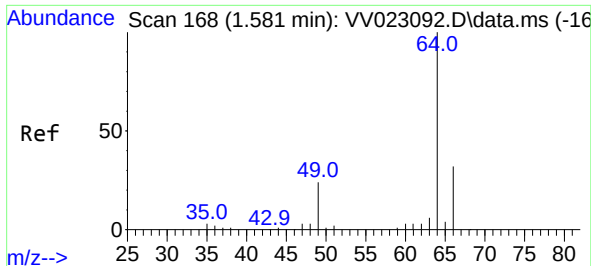
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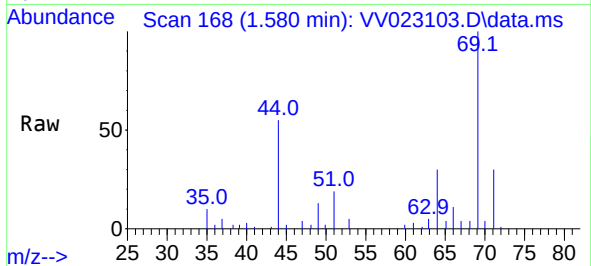
#6
 Bromomethane
 Concen: 2.358 ug/L
 RT: 1.519 min Scan# 149
 Delta R.T. -0.000 min
 Lab File: VV023103.D
 Acq: 29 Oct 2021 14:23

Tgt Ion: 94 Resp: 3130
 Ion Ratio Lower Upper
 94 100
 96 91.3 66.8 124.2

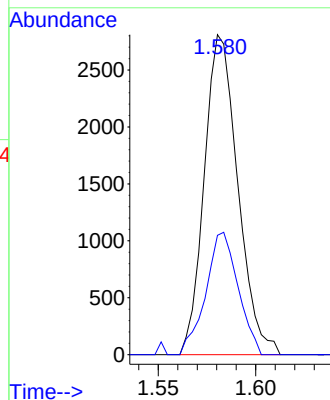
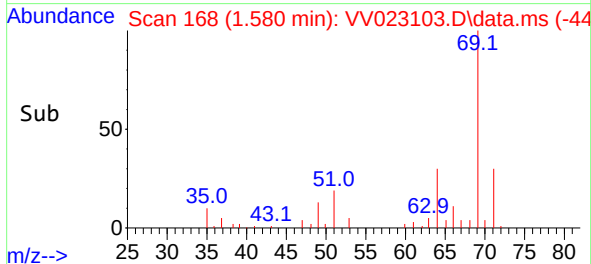




#8
Chloroethane
Concen: 2.340 ug/L
RT: 1.580 min Scan# 168
Delta R.T. -0.000 min
Lab File: VV023103.D
Acq: 29 Oct 2021 14:23



Tgt Ion: 64 Resp: 3366
Ion Ratio Lower Upper
64 100
66 37.3 21.3 39.6

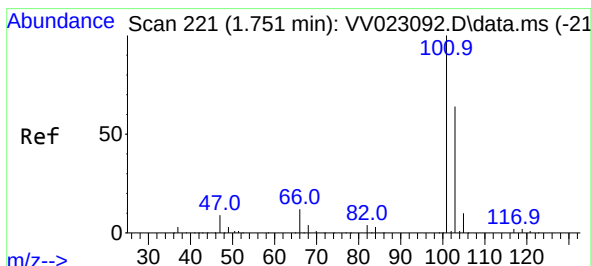


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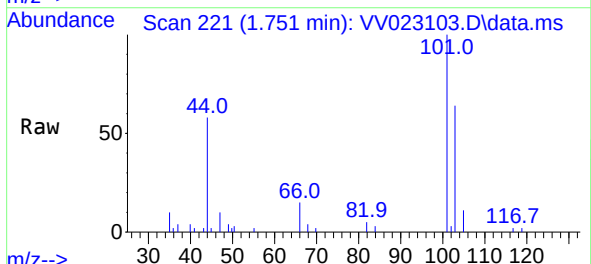
Manual Integrations
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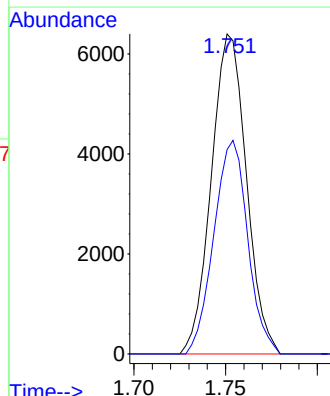
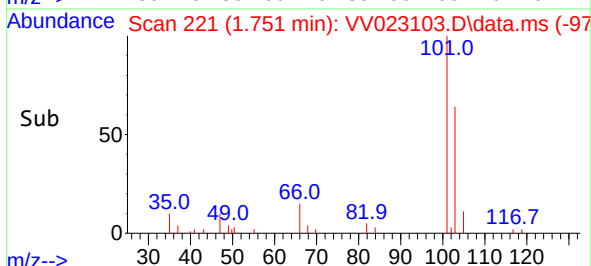
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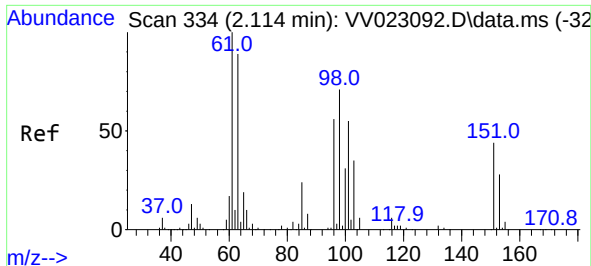


#9
Trichlorofluoromethane
Concen: 2.374 ug/L
RT: 1.751 min Scan# 221
Delta R.T. -0.000 min
Lab File: VV023103.D
Acq: 29 Oct 2021 14:23



Tgt Ion: 101 Resp: 8514
Ion Ratio Lower Upper
101 100
103 64.5 52.2 78.2





#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 2.974 ug/L
RT: 2.117 min Scan# 335
Delta R.T. 0.003 min
Lab File: VV023103.D
Acq: 29 Oct 2021 14:23

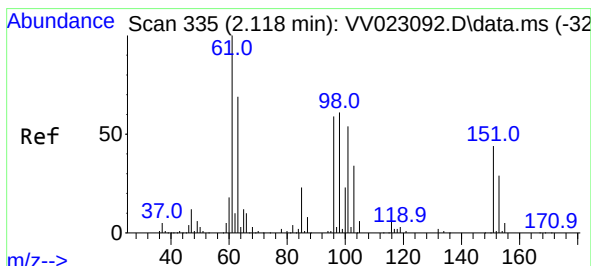
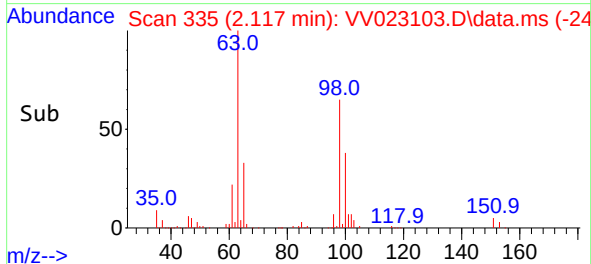
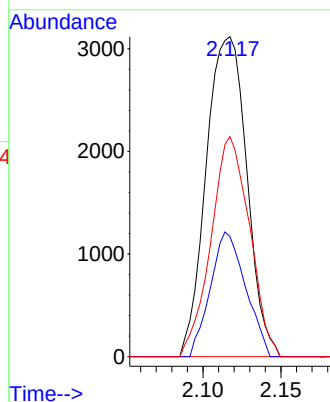
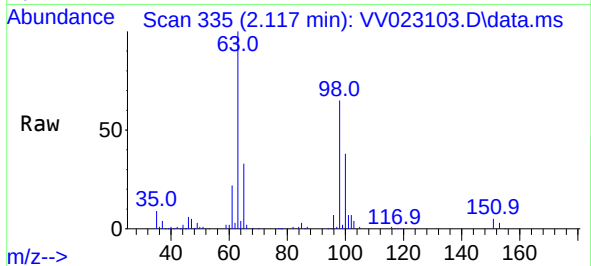
Tgt Ion:101 Resp: 5661
Ion Ratio Lower Upper
101 100
85 33.7 35.1 52.7#
151 65.3 63.4 95.2

Instrument :
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ClientSampled :
MDL04

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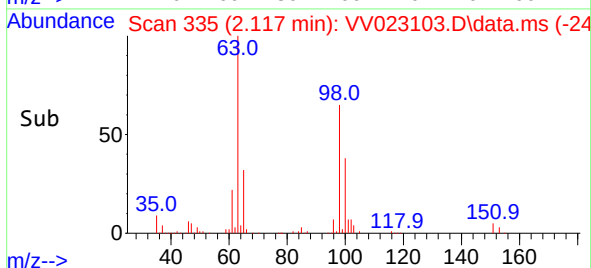
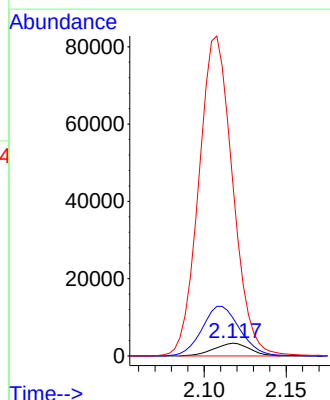
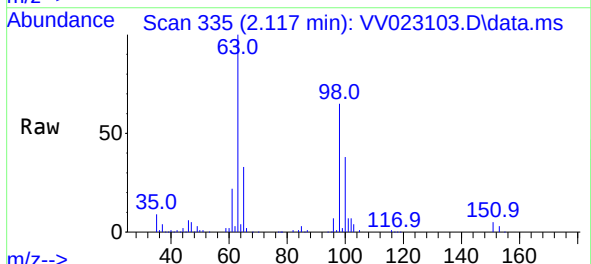
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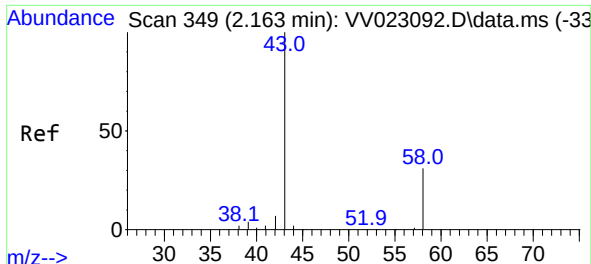
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#12
1,1-Dichloroethene
Concen: 2.825 ug/L
RT: 2.117 min Scan# 335
Delta R.T. -0.000 min
Lab File: VV023103.D
Acq: 29 Oct 2021 14:23

Tgt Ion: 96 Resp: 4990
Ion Ratio Lower Upper
96 100
61 299.2 117.7 218.7#
63 1359.6 79.2 147.2#





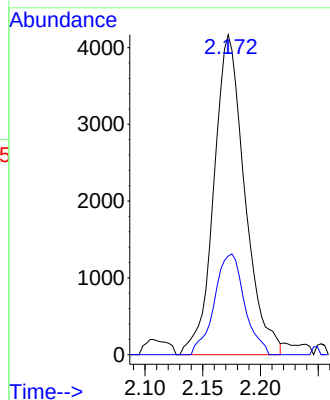
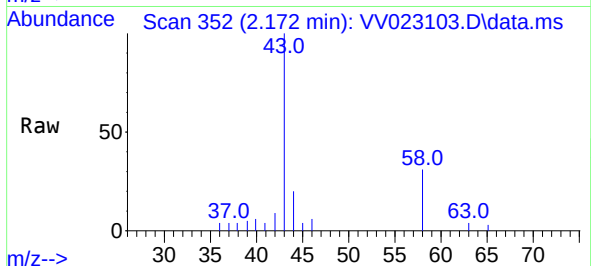
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Acetone
Concen: 5.741 ug/L
RT: 2.172 min Scan# 352
Delta R.T. 0.009 min
Lab File: VV023103.D
Acq: 29 Oct 2021 14:23

Tgt Ion: 43 Resp: 7748
Ion Ratio Lower Upper
43 100
58 30.7 0.0 0.4#

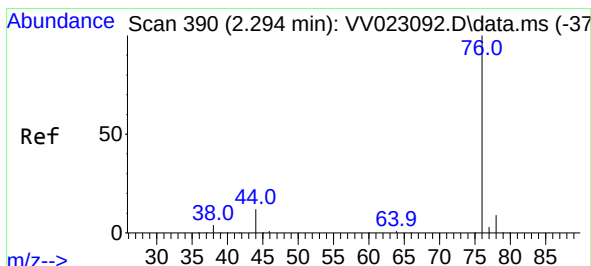
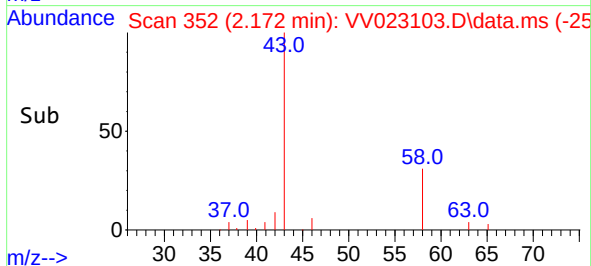
Instrument :
MSVOA_V
ClientSampled :
MDL04

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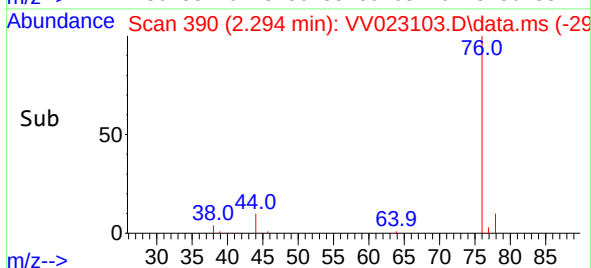
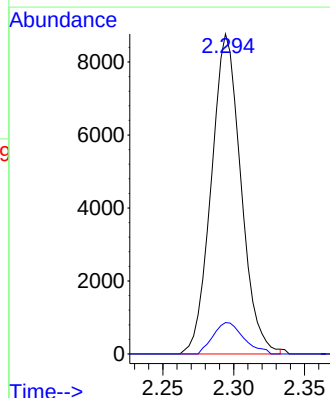
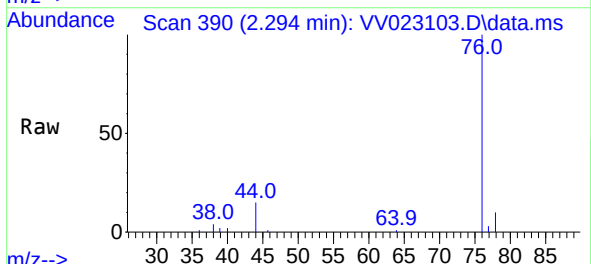


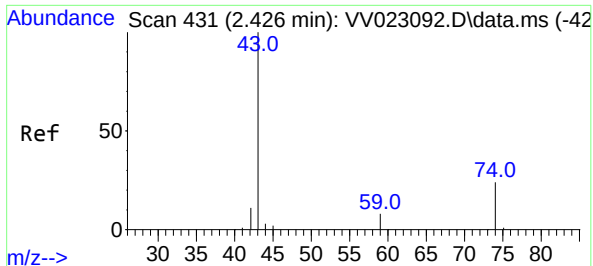
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#14
Carbon disulfide
Concen: 2.415 ug/L
RT: 2.294 min Scan# 390
Delta R.T. -0.000 min
Lab File: VV023103.D
Acq: 29 Oct 2021 14:23

Tgt Ion: 76 Resp: 12758
Ion Ratio Lower Upper
76 100
78 9.8 7.4 11.0





#15
Methyl Acetate
Concen: 2.631 ug/L
RT: 2.439 min Scan# 435
Delta R.T. 0.013 min
Lab File: VV023103.D
Acq: 29 Oct 2021 14:23

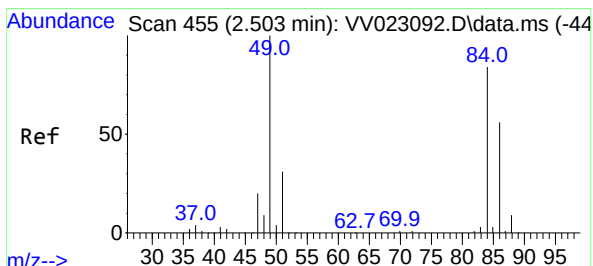
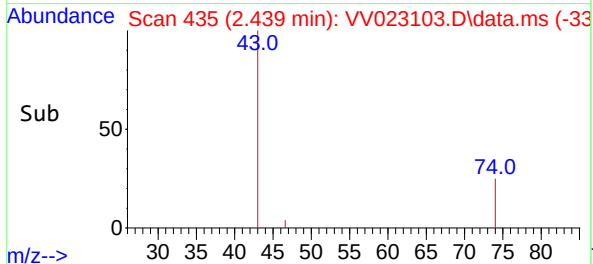
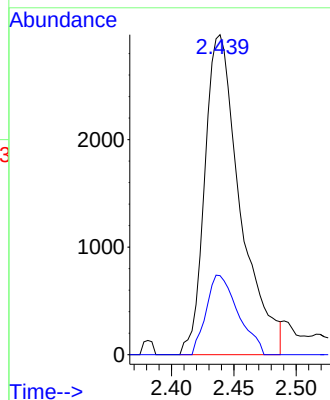
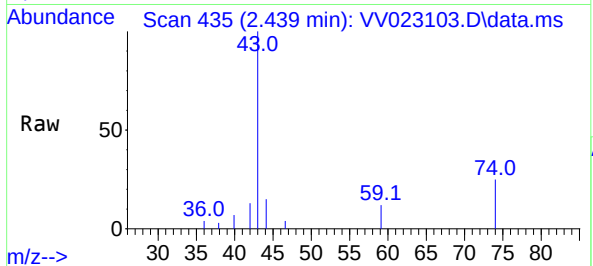
Tgt Ion: 43 Resp: 5893
Ion Ratio Lower Upper
43 100
74 22.4 19.4 29.2

Instrument :
MSVOA_V
ClientSampled :
MDL04

Manual Integrations
APPROVED

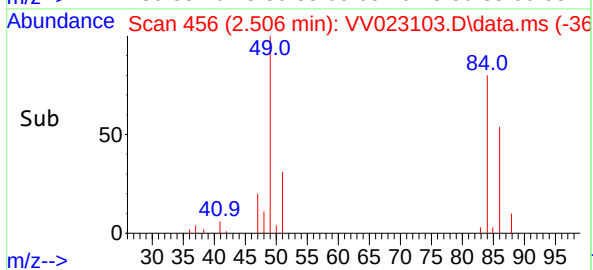
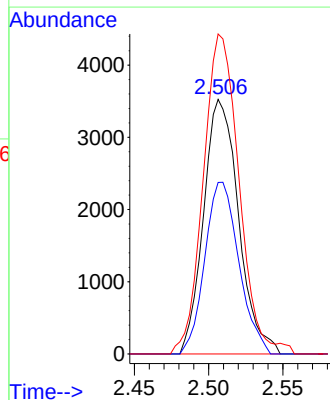
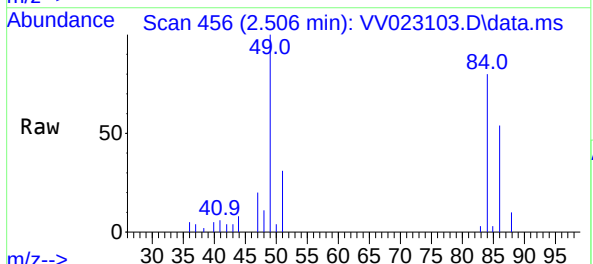
SAM

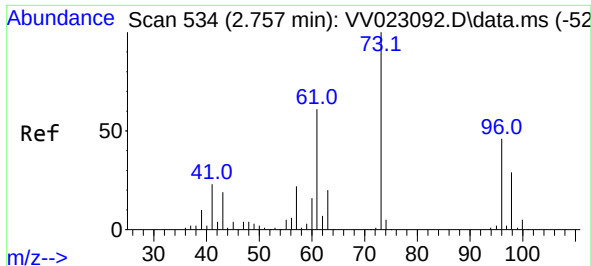
11/1/2021 6:39:55 PM



#16
Methylene chloride
Concen: 2.556 ug/L
RT: 2.506 min Scan# 456
Delta R.T. 0.003 min
Lab File: VV023103.D
Acq: 29 Oct 2021 14:23

Tgt Ion: 84 Resp: 5785
Ion Ratio Lower Upper
84 100
86 67.4 45.4 84.2
49 125.7 83.0 154.1





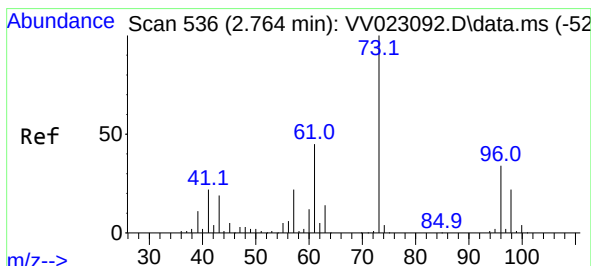
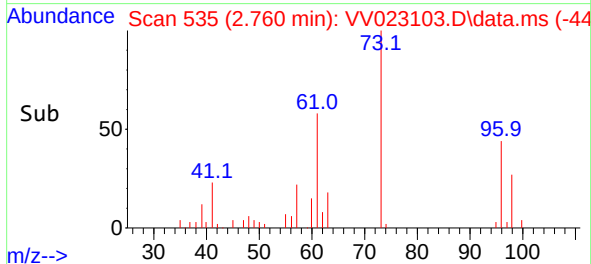
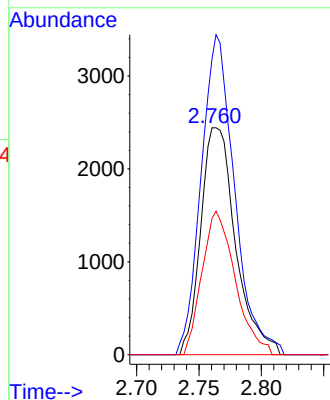
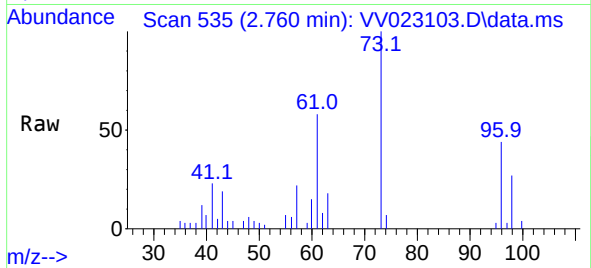
#17
trans-1,2-Dichloroethene
Concen: 2.359 ug/L
RT: 2.760 min Scan# 535
Delta R.T. 0.003 min
Lab File: VV023103.D
Acq: 29 Oct 2021 14:23

Tgt Ion: 96 Resp: 4756
Ion Ratio Lower Upper
96 100
61 130.5 92.2 171.2
98 60.1 44.1 81.9

Instrument :
MSVOA_V
ClientSampled :
MDL04

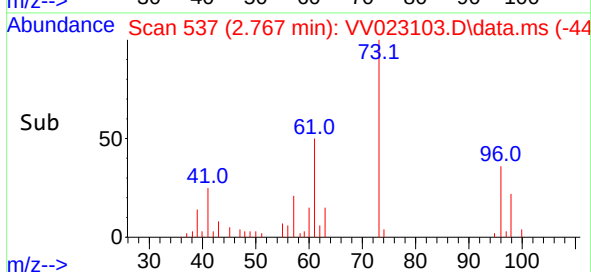
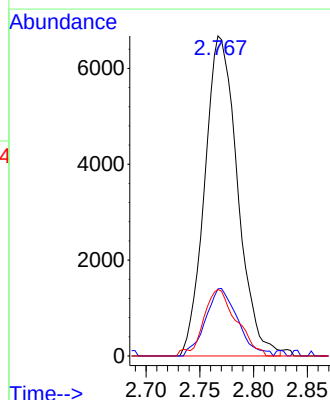
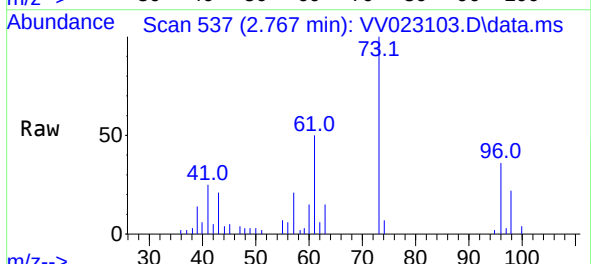
Manual Integrations
APPROVED

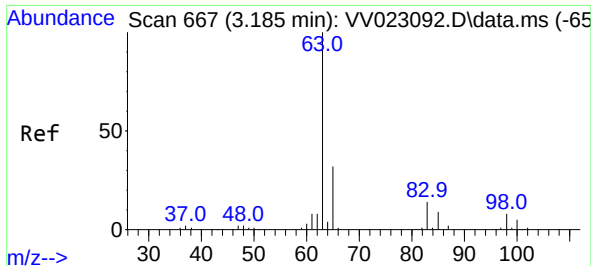
SAM



#18
Methyl tert-butyl Ether
Concen: 2.342 ug/L
RT: 2.767 min Scan# 537
Delta R.T. 0.003 min
Lab File: VV023103.D
Acq: 29 Oct 2021 14:23

Tgt Ion: 73 Resp: 14177
Ion Ratio Lower Upper
73 100
43 20.5 14.9 22.3
57 20.2 17.6 26.4





#19
1,1-Dichloroethane
Concen: 2.455 ug/L
RT: 3.194 min Scan# 670
Delta R.T. 0.009 min
Lab File: VV023103.D
Acq: 29 Oct 2021 14:23

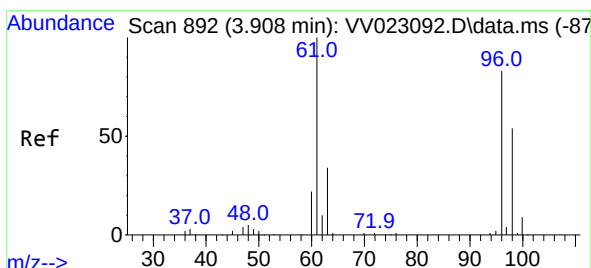
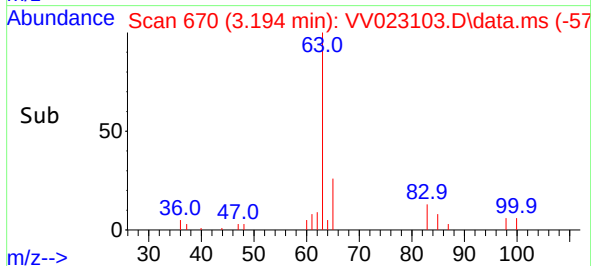
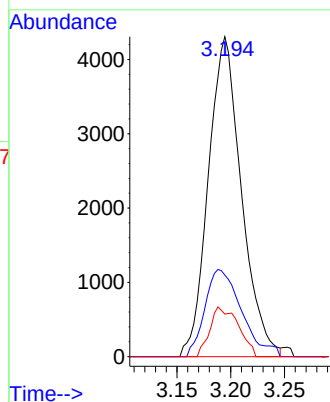
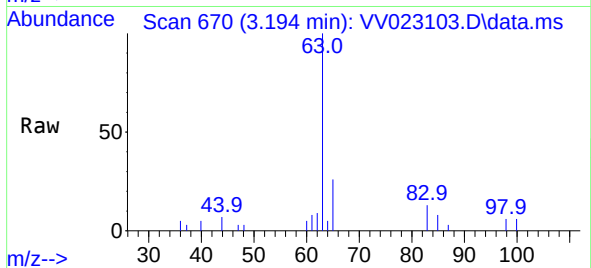
Tgt Ion:	63	Resp:	9221
Ion	Ratio	Lower	Upper
63	100		
65	25.5	22.3	41.5
83	13.3	9.8	18.2

Instrument :
MSVOA_V
ClientSampleId :
MDL04

Manual Integrations
APPROVED

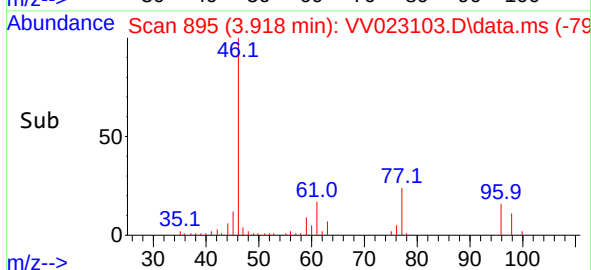
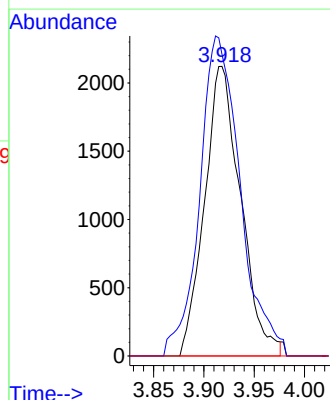
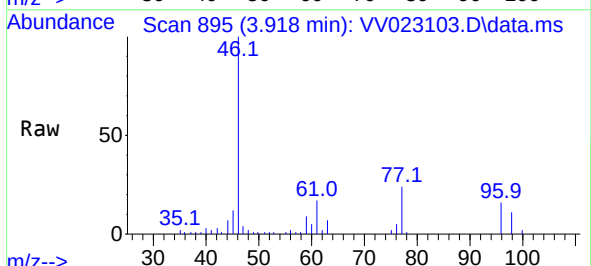
SAM

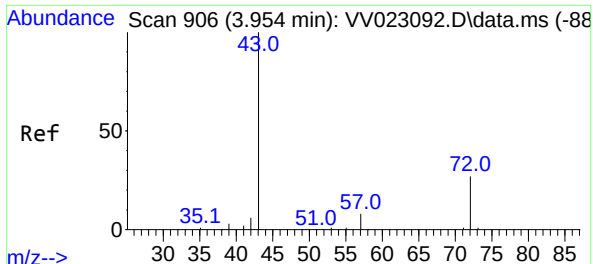
11/1/2021 6:39:55 PM



#20
cis-1,2-Dichloroethene
Concen: 2.461 ug/L
RT: 3.918 min Scan# 895
Delta R.T. 0.009 min
Lab File: VV023103.D
Acq: 29 Oct 2021 14:23

Tgt Ion:	96	Resp:	5303
Ion	Ratio	Lower	Upper
96	100		
61	104.2	83.0	154.1
68	0.0	0.0	0.0





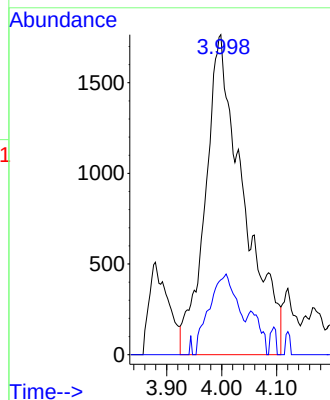
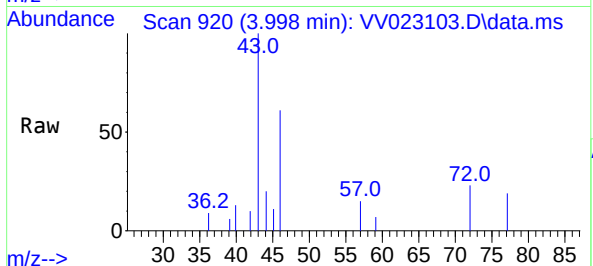
#22
2-Butanone
Concen: 5.528 ug/L m
RT: 3.998 min Scan# 920
Delta R.T. 0.045 min
Lab File: VV023103.D
Acq: 29 Oct 2021 14:23

Instrument :
MSVOA_V
ClientSampled :
MDL04

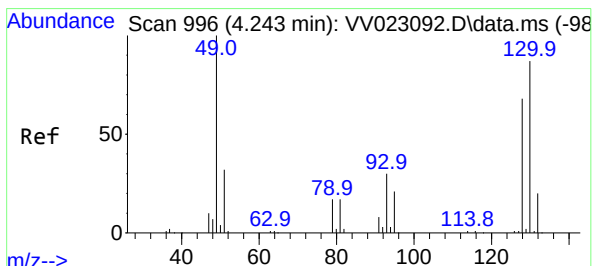
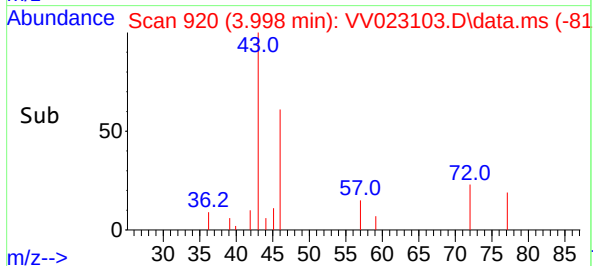
Tgt Ion: 43 Resp: 8503
Ion Ratio Lower Upper
43 100
72 0.8 13.4 40.1#

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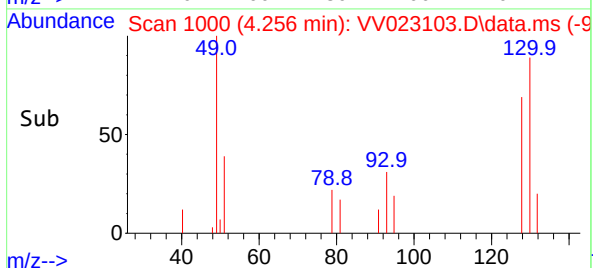
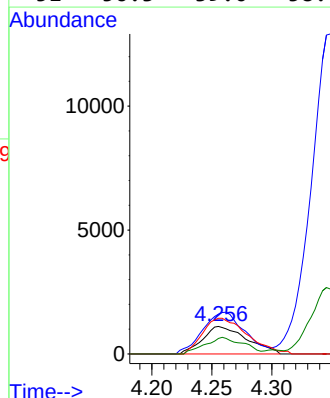
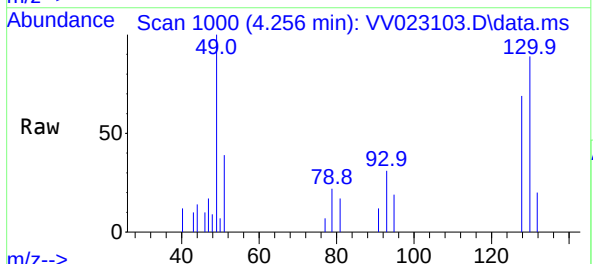


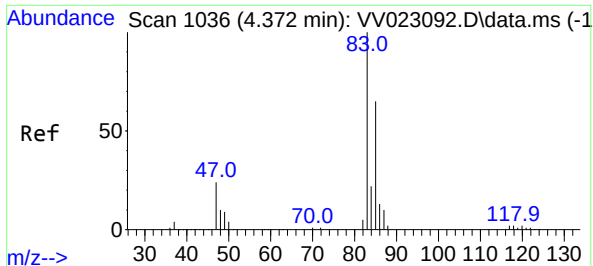
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#23
Bromochloromethane
Concen: 2.335 ug/L
RT: 4.256 min Scan# 1000
Delta R.T. 0.013 min
Lab File: VV023103.D
Acq: 29 Oct 2021 14:23

Tgt Ion: 128 Resp: 2836
Ion Ratio Lower Upper
128 100
49 144.4 104.7 194.4
130 129.2 89.7 166.7
51 56.3 39.0 58.4





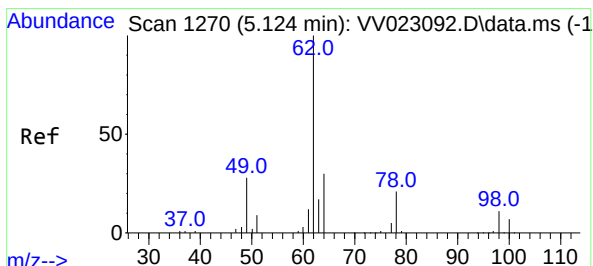
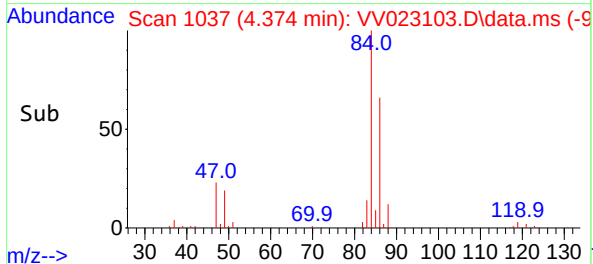
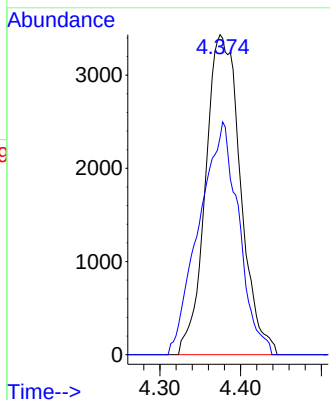
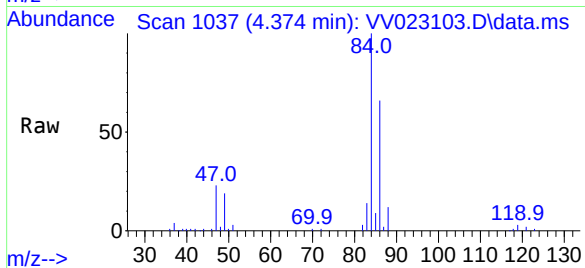
#25
Chloroform
Concen: 2.671 ug/L m
RT: 4.374 min Scan# 1037
Delta R.T. 0.003 min
Lab File: VV023103.D
Acq: 29 Oct 2021 14:23

Tgt Ion: 83 Resp: 10318
Ion Ratio Lower Upper
83 100
85 68.0 44.4 82.4

Instrument :
MSVOA_V
ClientSampled :
MDL04

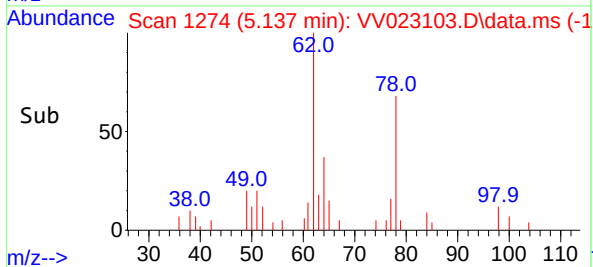
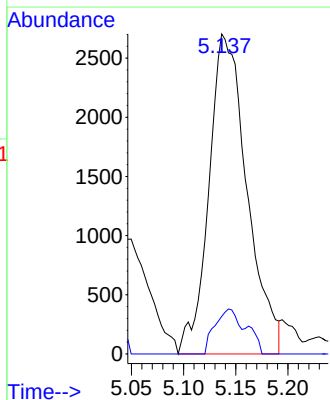
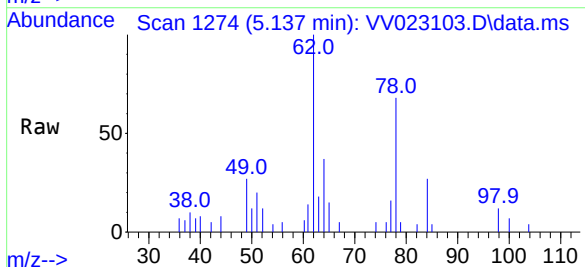
Manual Integrations
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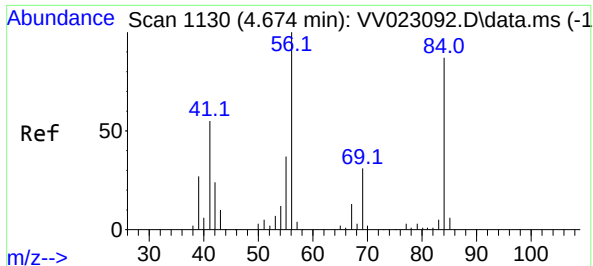
SAM



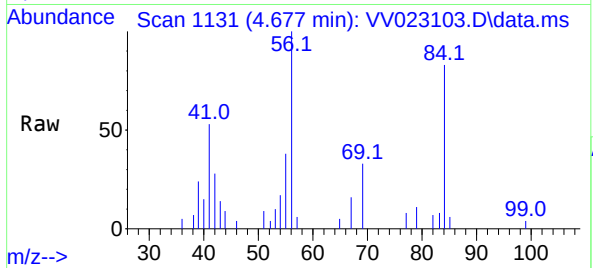
#27
1,2-Dichloroethane
Concen: 2.364 ug/L m
RT: 5.137 min Scan# 1274
Delta R.T. 0.013 min
Lab File: VV023103.D
Acq: 29 Oct 2021 14:23

Tgt Ion: 62 Resp: 6853
Ion Ratio Lower Upper
62 100
98 11.8 8.2 12.4



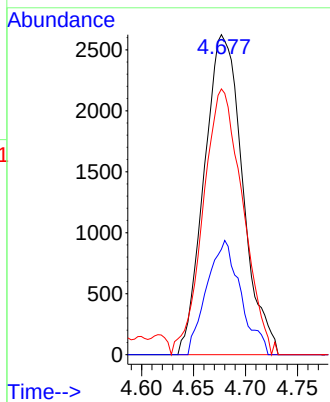
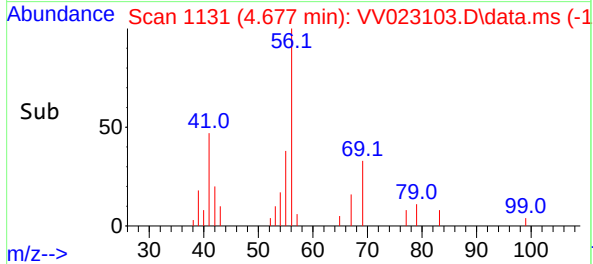


#29
Cyclohexane
Concen: 2.206 ug/L
RT: 4.677 min Scan# 1131
Delta R.T. 0.003 min
Lab File: VV023103.D
Acq: 29 Oct 2021 14:23



Tgt Ion: 56 Resp: 6738

Ion	Ratio	Lower	Upper
56	100		
69	29.7	24.6	36.8
84	85.2	72.8	109.2

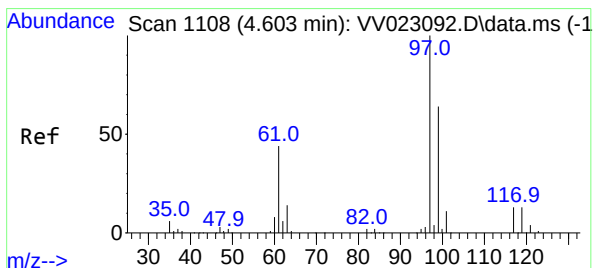


Instrument :
MSVOA_V
ClientSampled :
MDL04

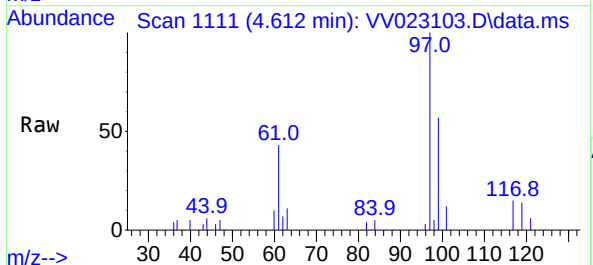
Manual Integrations
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SAM

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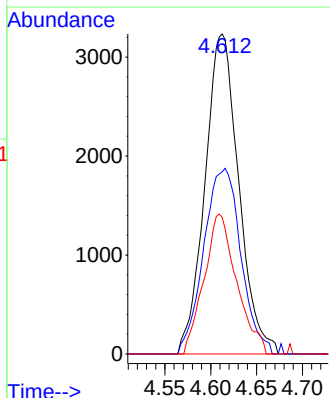
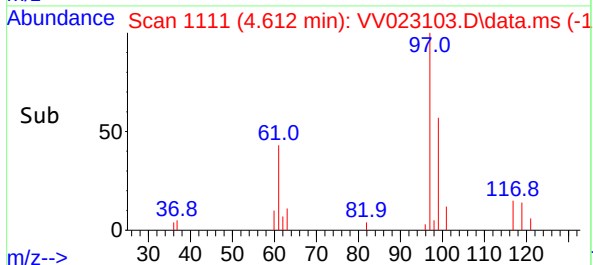


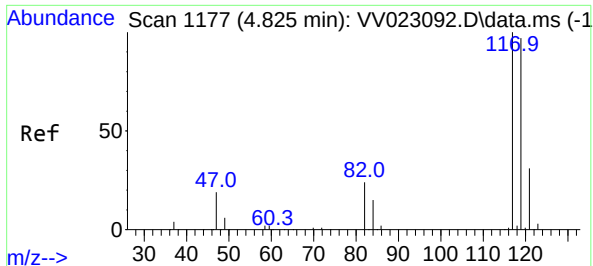
#30
1,1,1-Trichloroethane
Concen: 2.380 ug/L
RT: 4.612 min Scan# 1111
Delta R.T. 0.009 min
Lab File: VV023103.D
Acq: 29 Oct 2021 14:23



Tgt Ion: 97 Resp: 8299

Ion	Ratio	Lower	Upper
97	100		
99	63.6	51.9	77.9
61	42.2	33.8	50.6





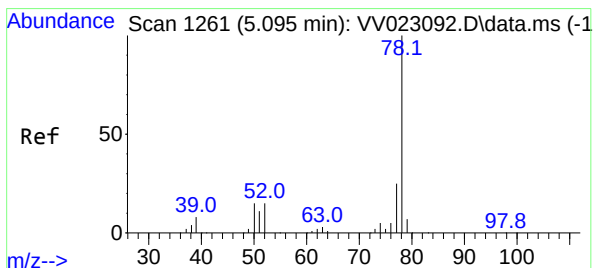
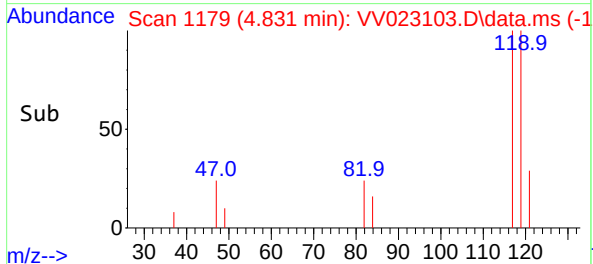
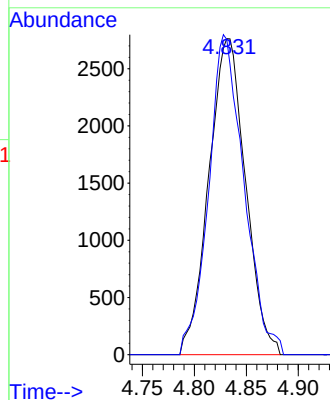
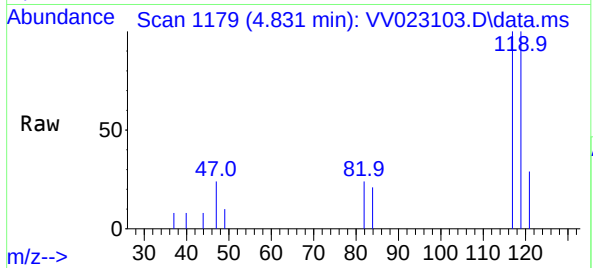
#31
Carbon tetrachloride
Concen: 2.164 ug/L
RT: 4.831 min Scan# 1179
Delta R.T. 0.006 min
Lab File: VV023103.D
Acq: 29 Oct 2021 14:23

Tgt Ion: 117 Resp: 6783
Ion Ratio Lower Upper
117 100
119 97.3 77.0 115.4

Instrument :
MSVOA_V
ClientSampled :
MDL04

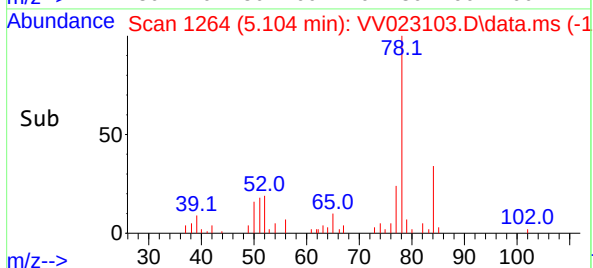
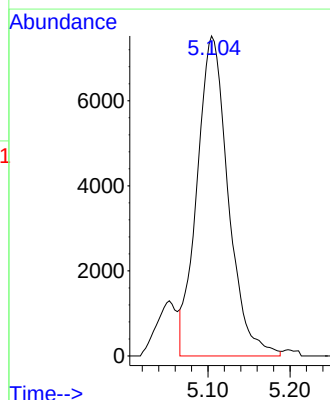
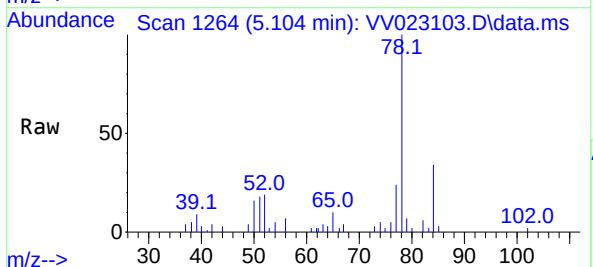
Manual Integrations
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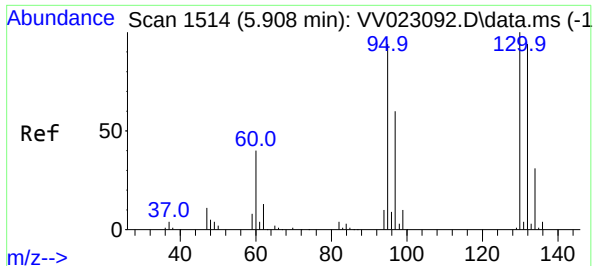
SAM



#33
Benzene
Concen: 2.438 ug/L
RT: 5.104 min Scan# 1264
Delta R.T. 0.009 min
Lab File: VV023103.D
Acq: 29 Oct 2021 14:23

Tgt Ion: 78 Resp: 19875





#34
Trichloroethene
Concen: 2.434 ug/L
RT: 5.921 min Scan# 1518
Delta R.T. 0.013 min
Lab File: VV023103.D
Acq: 29 Oct 2021 14:23

Tgt Ion: 95 Resp: 5184

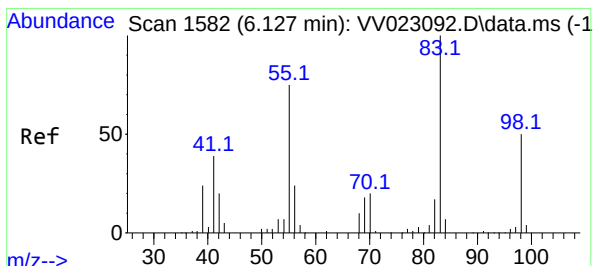
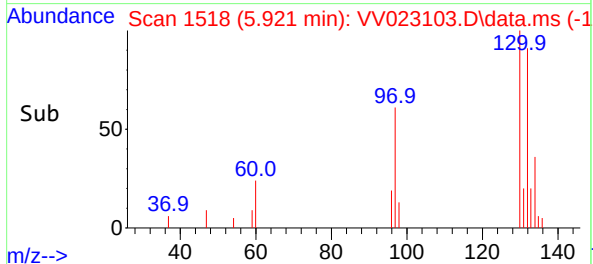
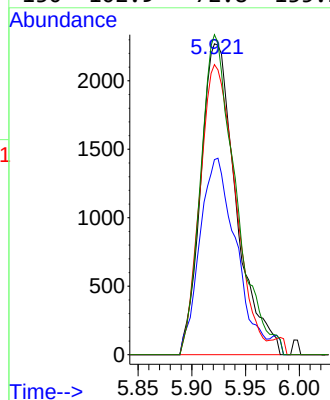
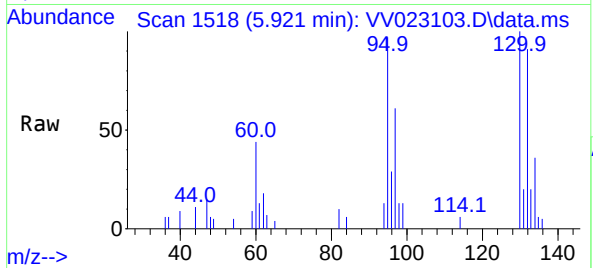
Ion	Ratio	Lower	Upper
95	100		
97	62.7	44.4	82.5
132	93.3	71.5	132.9
130	102.9	72.8	135.2

Instrument :
MSVOA_V
ClientSampled :
MDL04

Manual Integrations
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SAM

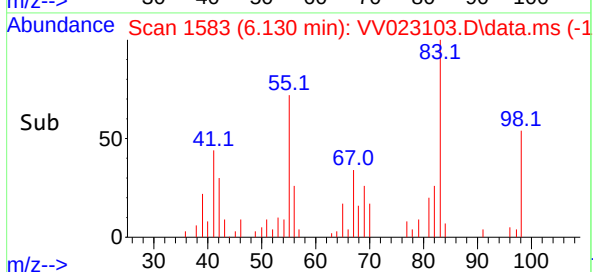
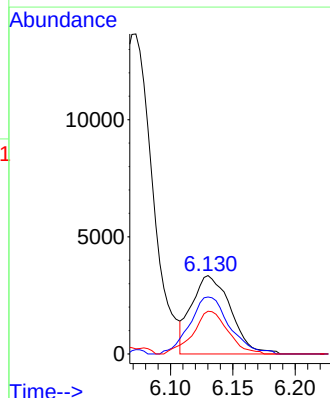
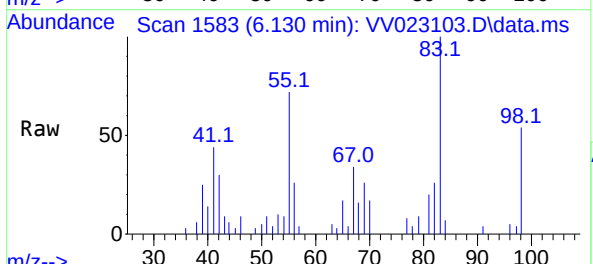
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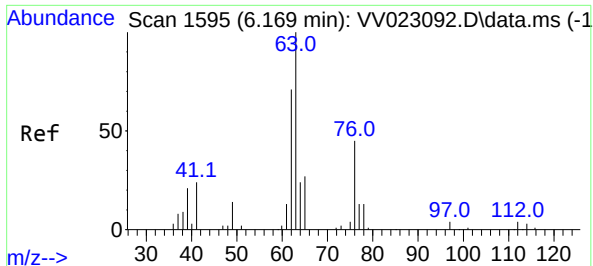


#35
Methylcyclohexane
Concen: 2.197 ug/L
RT: 6.130 min Scan# 1583
Delta R.T. 0.003 min
Lab File: VV023103.D
Acq: 29 Oct 2021 14:23

Tgt Ion: 83 Resp: 7294

Ion	Ratio	Lower	Upper
83	100		
55	72.9	60.1	90.1
98	48.7	41.2	61.8





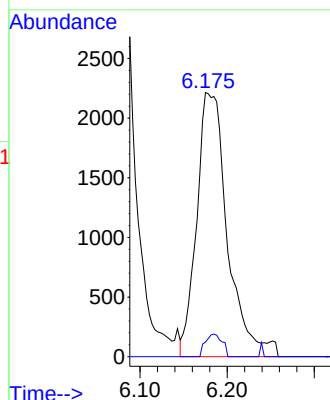
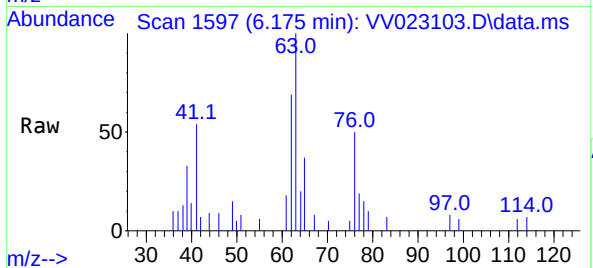
#37
1,2-Dichloropropane
Concen: 2.533 ug/L m
RT: 6.175 min Scan# 1597
Delta R.T. 0.006 min
Lab File: VV023103.D
Acq: 29 Oct 2021 14:23

Tgt Ion: 63 Resp: 5426
Ion Ratio Lower Upper
63 100
112 4.3 3.8 5.8

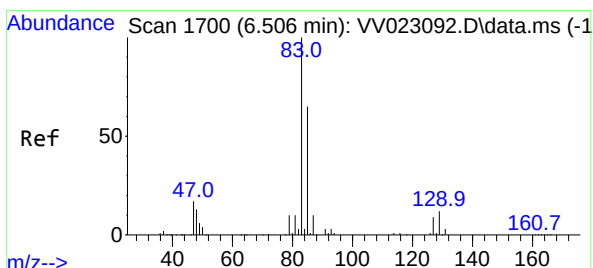
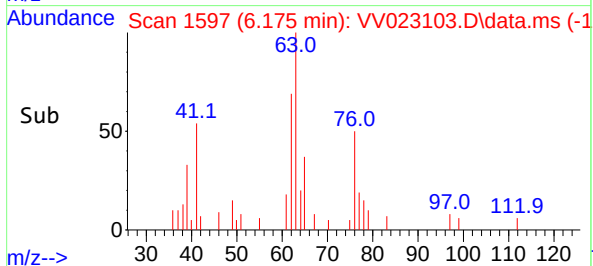
Instrument :
MSVOA_V
ClientSampled :
MDL04

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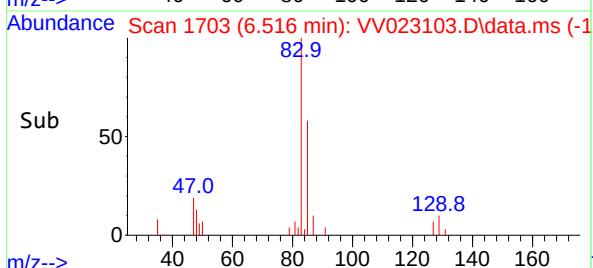
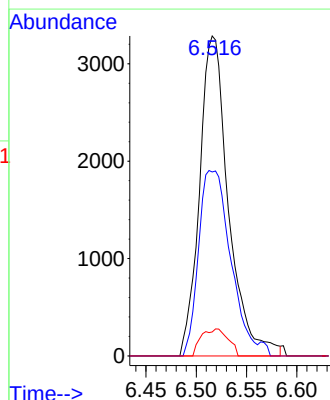
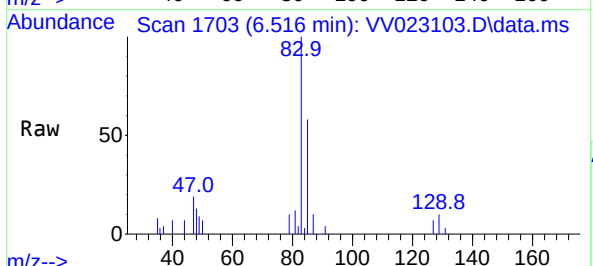


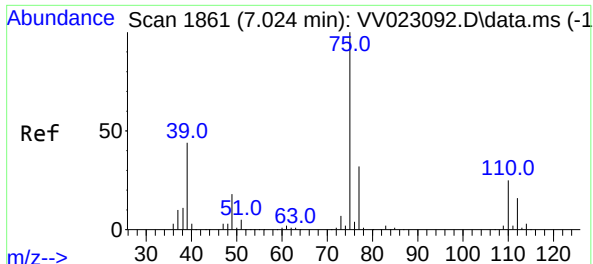
11/1/2021 6:39:55 PM



#38
Bromodichloromethane
Concen: 2.271 ug/L
RT: 6.516 min Scan# 1703
Delta R.T. 0.009 min
Lab File: VV023103.D
Acq: 29 Oct 2021 14:23

Tgt Ion: 83 Resp: 6586
Ion Ratio Lower Upper
83 100
85 57.5 46.1 85.5
127 7.5 7.4 11.0





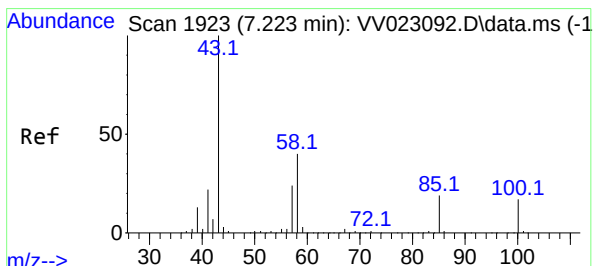
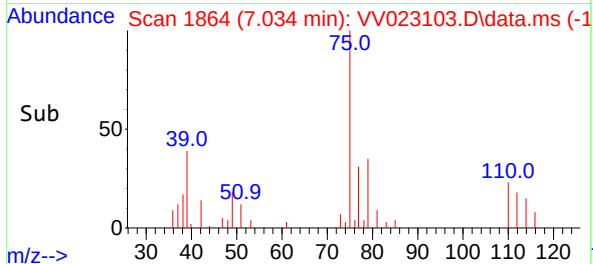
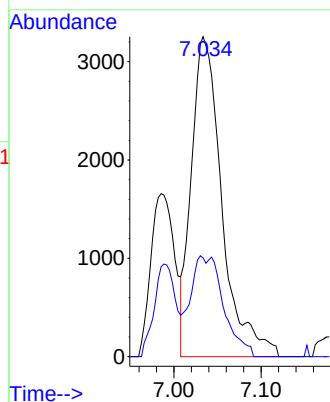
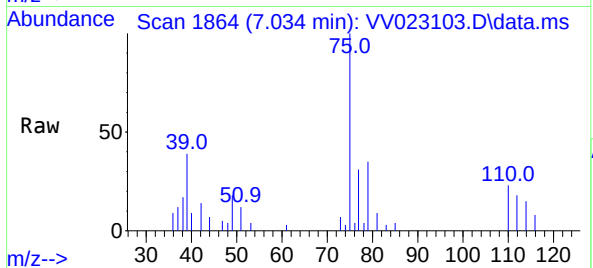
#39
cis-1,3-Dichloropropene
Concen: 2.438 ug/L m
RT: 7.034 min Scan# 1864
Delta R.T. 0.009 min
Lab File: VV023103.D
Acq: 29 Oct 2021 14:23

Tgt Ion: 75 Resp: 7920
Ion Ratio Lower Upper
75 100
77 30.9 21.8 40.6

Instrument :
MSVOA_V
ClientSampled :
MDL04

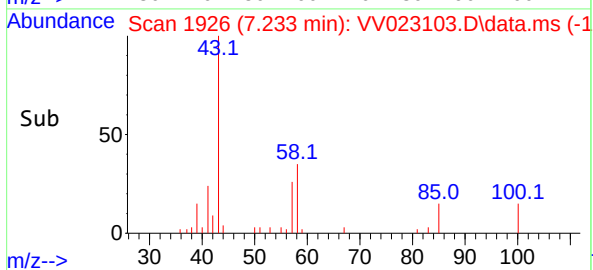
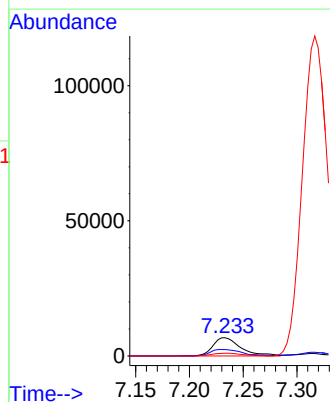
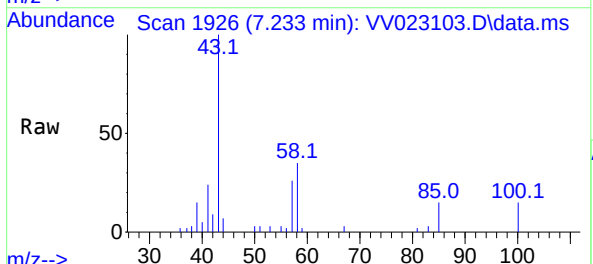
Manual Integrations
APPROVED

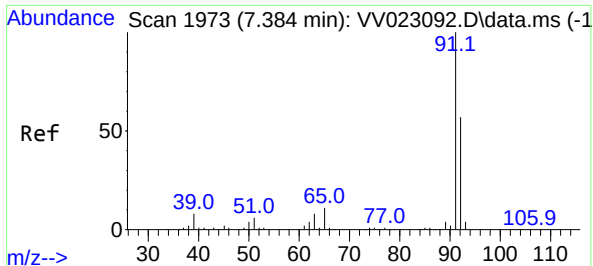
SAM



#40
4-Methyl-2-pentanone
Concen: 4.445 ug/L
RT: 7.233 min Scan# 1926
Delta R.T. 0.009 min
Lab File: VV023103.D
Acq: 29 Oct 2021 14:23

Tgt Ion: 43 Resp: 12283
Ion Ratio Lower Upper
43 100
58 40.0 32.4 48.6
100 16.1 13.4 20.2





#42

Toluene

Concen: 2.734 ug/L

RT: 7.394 min Scan# 1976

Delta R.T. 0.009 min

Lab File: VV023103.D

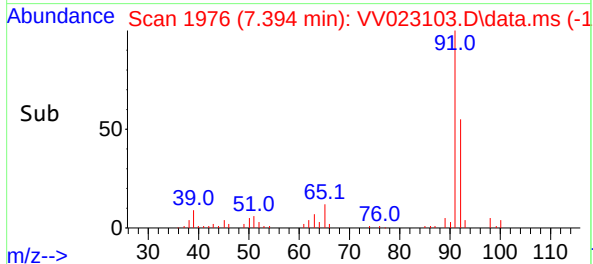
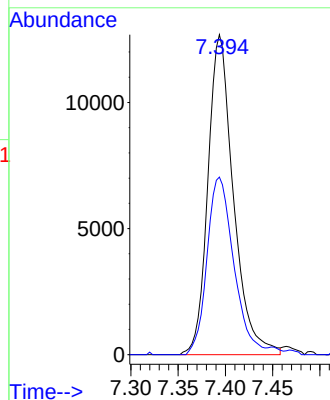
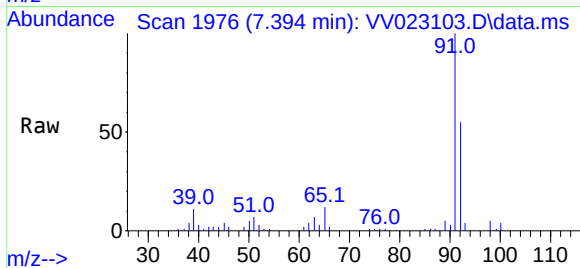
Acq: 29 Oct 2021 14:23

Tgt Ion: 91 Resp: 23850

Ion Ratio Lower Upper

91 100

92 55.5 40.6 75.4



Instrument :

MSVOA_V

ClientSampled :

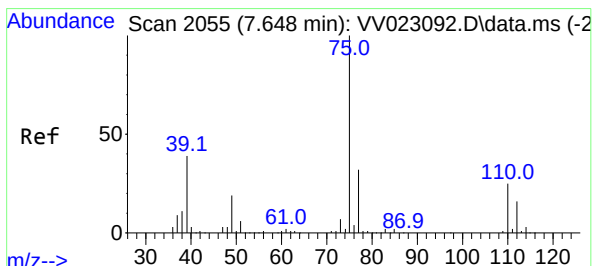
MDL04

Manual Integrations

APPROVED

SAM

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#44

trans-1,3-Dichloropropene

Concen: 2.307 ug/L m

RT: 7.657 min Scan# 2058

Delta R.T. 0.009 min

Lab File: VV023103.D

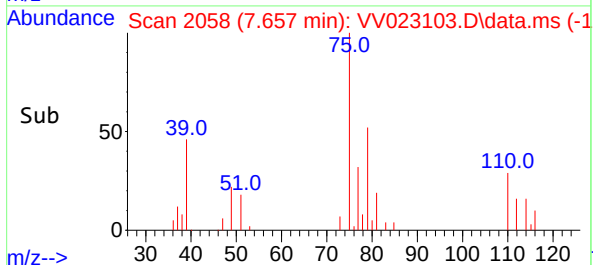
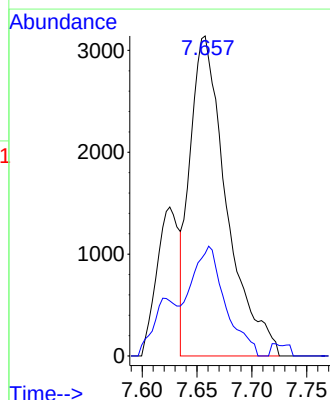
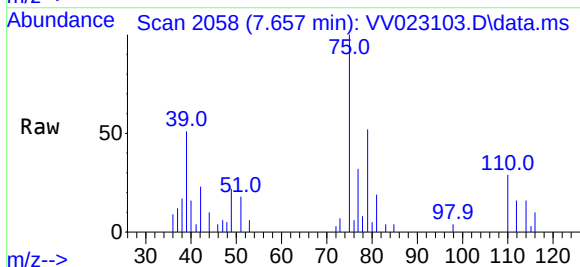
Acq: 29 Oct 2021 14:23

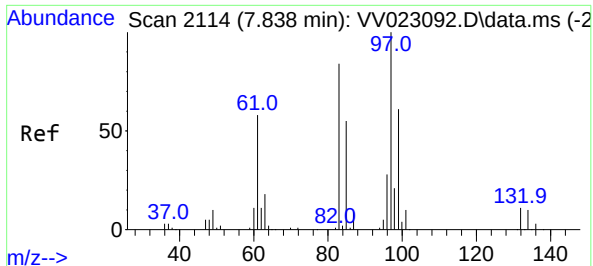
Tgt Ion: 75 Resp: 7266

Ion Ratio Lower Upper

75 100

77 32.1 21.4 39.8





#45
1,1,2-Trichloroethane
Concen: 2.286 ug/L
RT: 7.847 min Scan# 2117
Delta R.T. 0.009 min
Lab File: VV023103.D
Acq: 29 Oct 2021 14:23

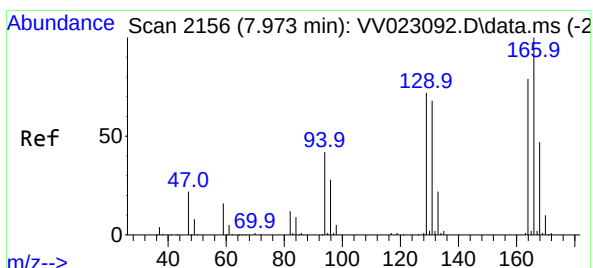
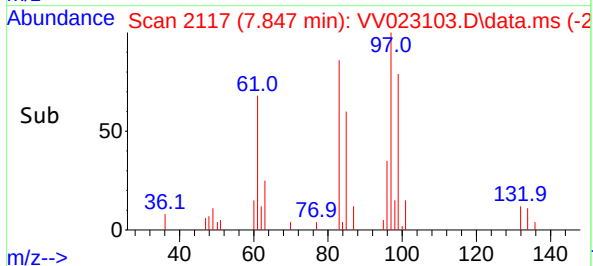
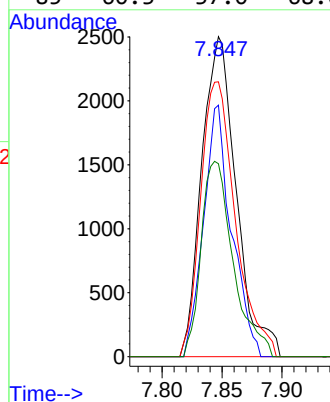
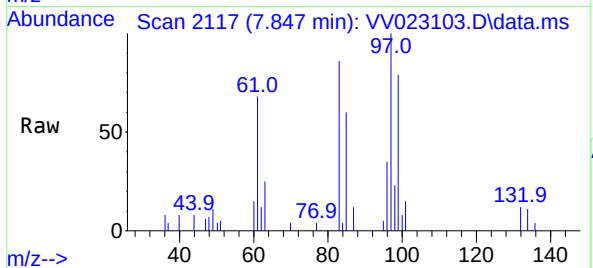
Tgt Ion:	97	Resp:	5000
Ion	Ratio	Lower	Upper
97	100		
99	78.6	44.2	82.2
83	85.9	57.7	107.1
85	60.3	37.0	68.6

Instrument :
MSVOA_V
ClientSampleId :
MDL04

Manual Integrations
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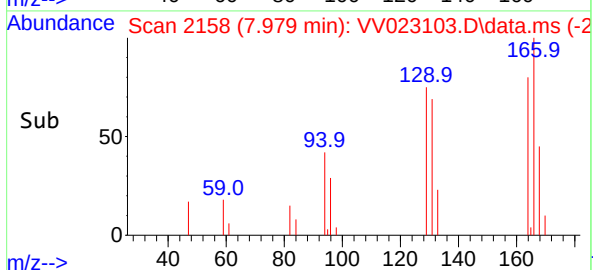
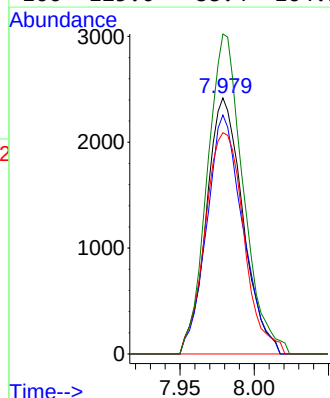
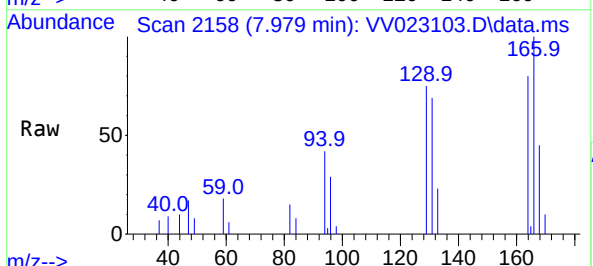
SAM

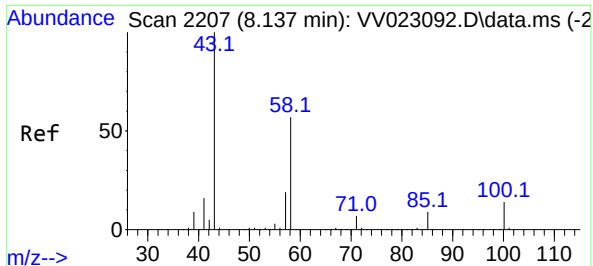
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#46
Tetrachloroethene
Concen: 2.243 ug/L
RT: 7.979 min Scan# 2158
Delta R.T. 0.006 min
Lab File: VV023103.D
Acq: 29 Oct 2021 14:23

Tgt Ion:	164	Resp:	4119
Ion	Ratio	Lower	Upper
164	100		
129	93.3	64.6	120.0
131	86.5	62.9	116.7
166	125.0	88.4	164.2





#48
2-Hexanone
Concen: 4.886 ug/L
RT: 8.146 min Scan# 2210
Delta R.T. 0.009 min
Lab File: VV023103.D
Acq: 29 Oct 2021 14:23

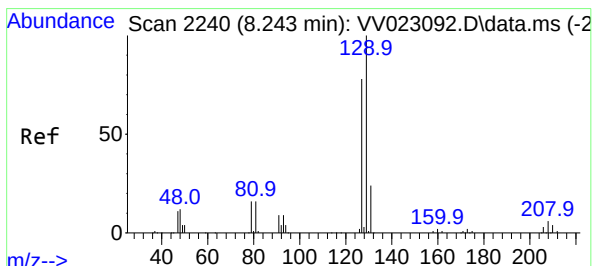
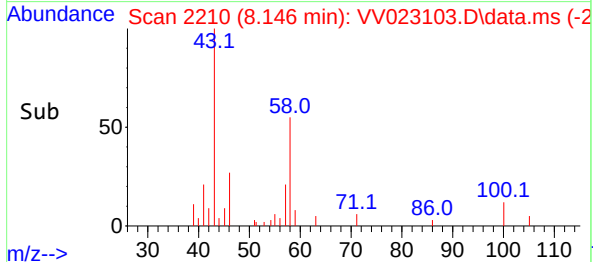
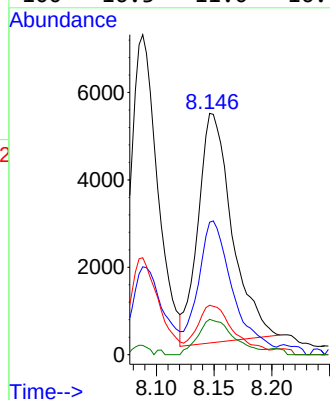
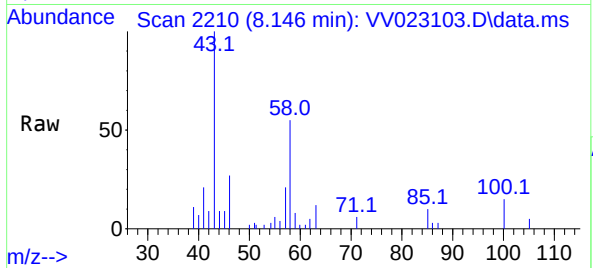
Tgt Ion: 43	Resp: 10718
Ion Ratio	Lower Upper
43 100	
58 55.0	45.6 68.4
57 23.6	15.4 23.0#
100 16.3	11.0 16.4

Instrument :
MSVOA_V
ClientSampled :
MDL04

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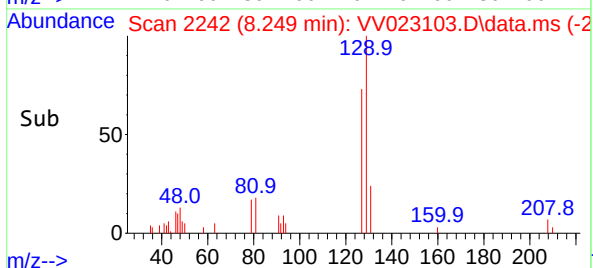
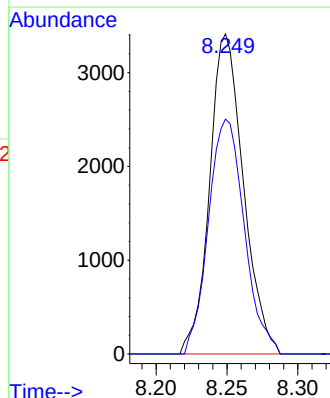
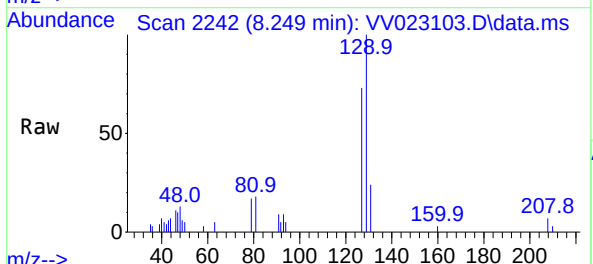
SAM

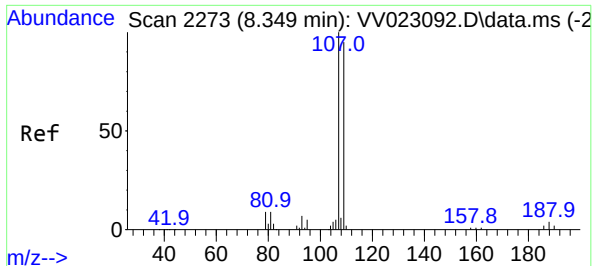
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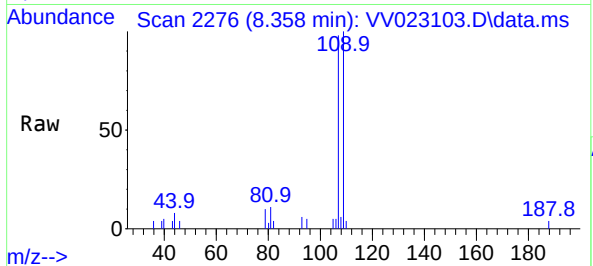
#49
Dibromochloromethane
Concen: 2.268 ug/L
RT: 8.249 min Scan# 2242
Delta R.T. 0.006 min
Lab File: VV023103.D
Acq: 29 Oct 2021 14:23

Tgt Ion:129	Resp: 5668
Ion Ratio	Lower Upper
129 100	
127 73.4	53.9 100.1

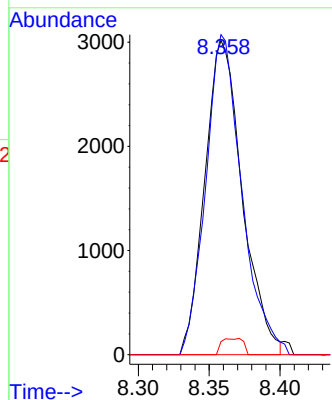




#50
1,2-Dibromoethane
Concen: 2.407 ug/L
RT: 8.358 min Scan# 2276
Delta R.T. 0.009 min
Lab File: VV023103.D
Acq: 29 Oct 2021 14:23



Tgt Ion:107 Resp: 5546
Ion Ratio Lower Upper
107 100
109 101.9 67.3 124.9
188 4.2 3.3 4.9

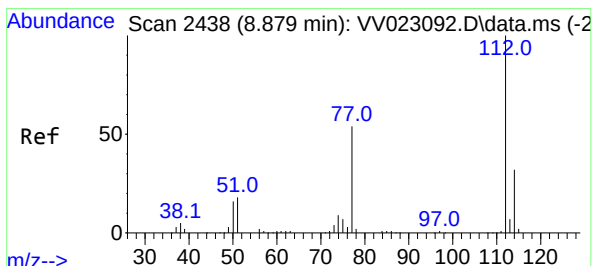


Instrument :
MSVOA_V
ClientSampled :
MDL04

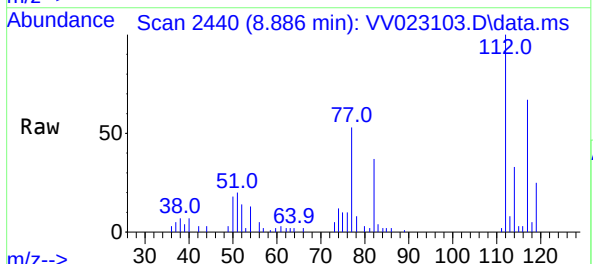
Manual Integrations
APPROVED

SAM

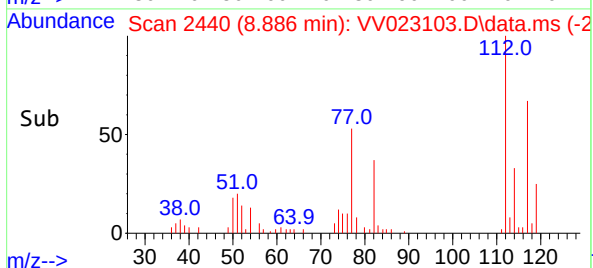
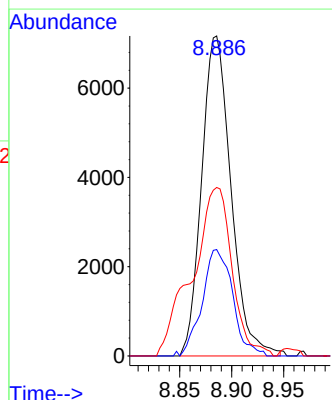
11/1/2021 6:39:55 PM

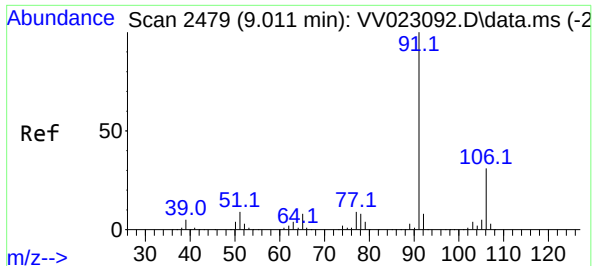


#51
Chlorobenzene
Concen: 2.393 ug/L
RT: 8.886 min Scan# 2440
Delta R.T. 0.006 min
Lab File: VV023103.D
Acq: 29 Oct 2021 14:23



Tgt Ion:112 Resp: 14102
Ion Ratio Lower Upper
112 100
114 33.3 22.2 41.2
77 52.7 44.6 67.0





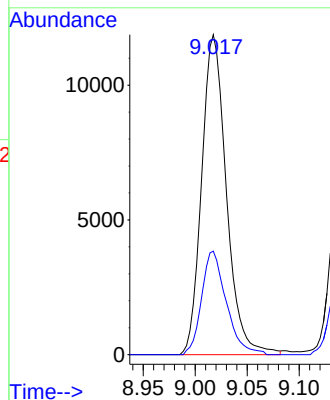
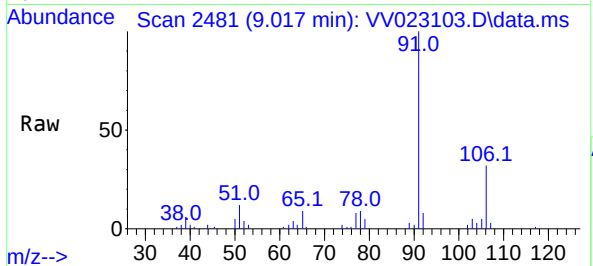
#52
Ethylbenzene
Concen: 2.115 ug/L
RT: 9.017 min Scan# 2481
Delta R.T. 0.006 min
Lab File: VV023103.D
Acq: 29 Oct 2021 14:23

Tgt Ion: 91 Resp: 19635
Ion Ratio Lower Upper
91 100
106 32.4 21.8 40.4

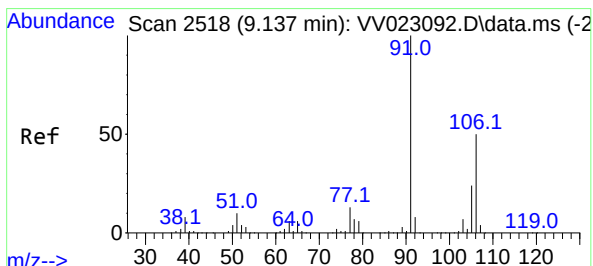
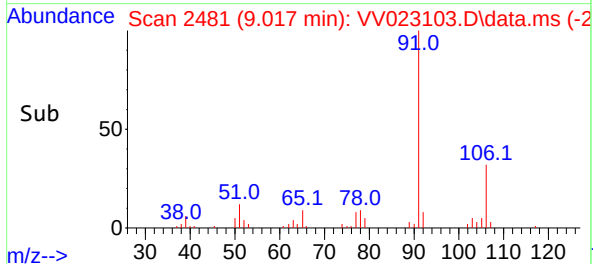
Instrument :
MSVOA_V
ClientSampled :
MDL04

Manual Integrations
APPROVED

SAM

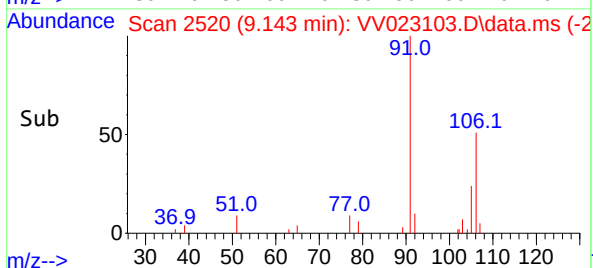
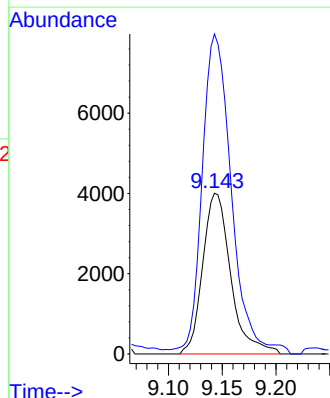
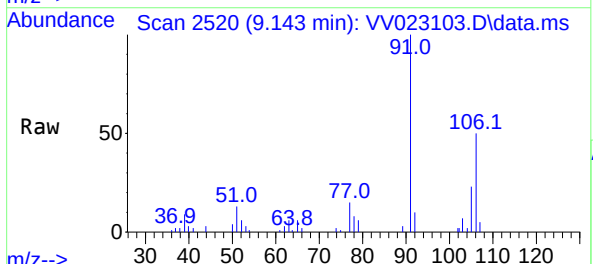


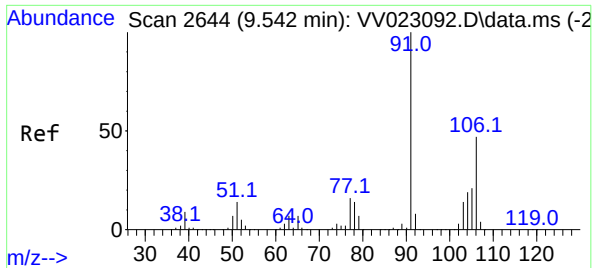
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#53
m,p-Xylene
Concen: 2.029 ug/L
RT: 9.143 min Scan# 2520
Delta R.T. 0.006 min
Lab File: VV023103.D
Acq: 29 Oct 2021 14:23

Tgt Ion: 106 Resp: 7262
Ion Ratio Lower Upper
106 100
91 199.0 137.3 254.9





#54
o-Xylene
Concen: 2.076 ug/L
RT: 9.548 min Scan# 2646
Delta R.T. 0.006 min
Lab File: VV023103.D
Acq: 29 Oct 2021 14:23

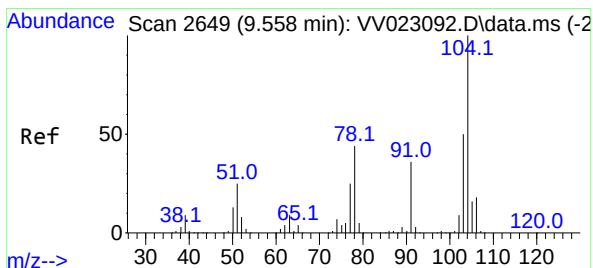
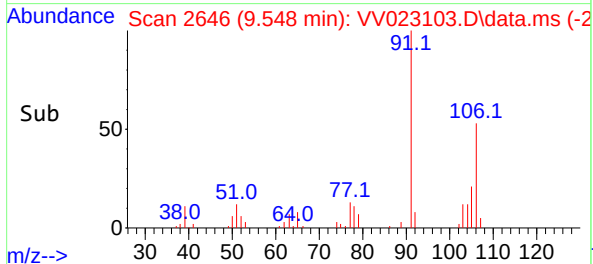
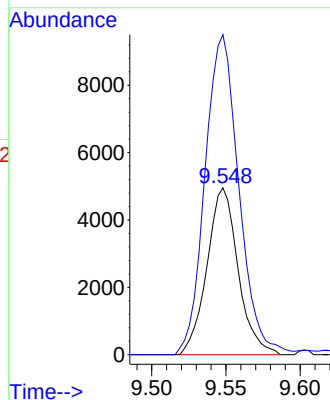
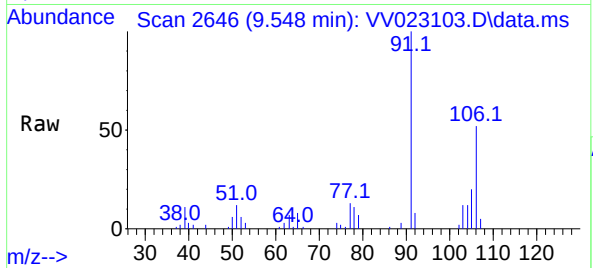
Tgt Ion:106 Resp: 7229
Ion Ratio Lower Upper
106 100
91 191.7 145.0 269.4

Instrument :
MSVOA_V
ClientSampled :
MDL04

Manual Integrations
APPROVED

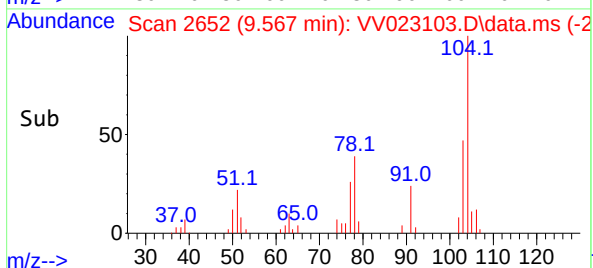
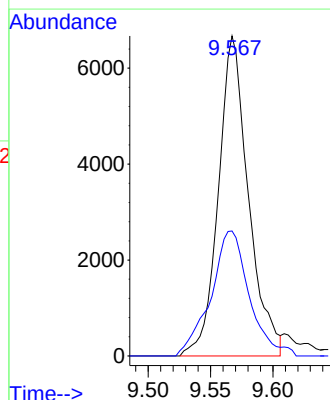
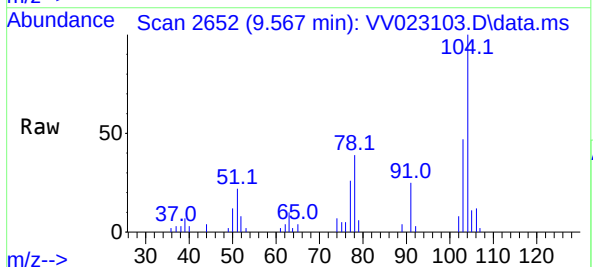
SAM

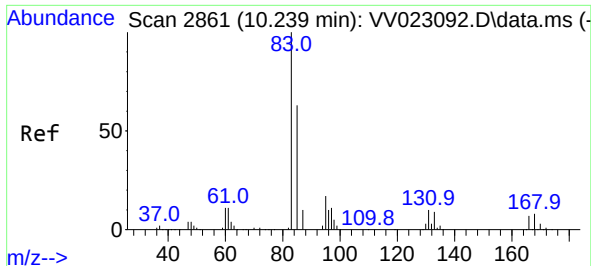
11/1/2021 6:39:55 PM



#55
Styrene
Concen: 1.851 ug/L
RT: 9.567 min Scan# 2652
Delta R.T. 0.009 min
Lab File: VV023103.D
Acq: 29 Oct 2021 14:23

Tgt Ion:104 Resp: 11204
Ion Ratio Lower Upper
104 100
78 39.0 29.8 55.4





#57
1,1,2,2-Tetrachloroethane
Concen: 2.595 ug/L
RT: 10.242 min Scan# 2862
Delta R.T. 0.003 min
Lab File: VV023103.D
Acq: 29 Oct 2021 14:23

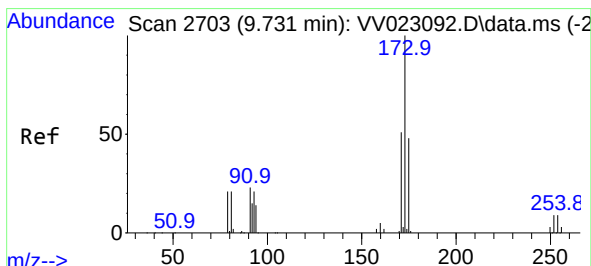
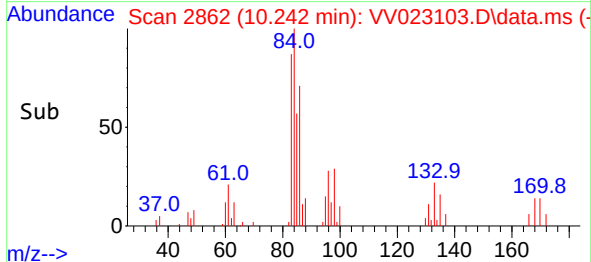
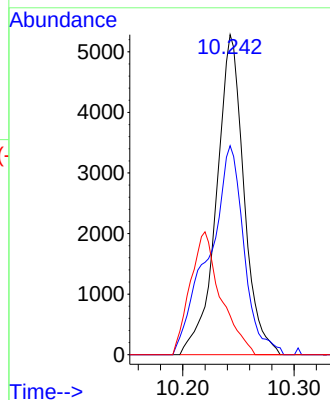
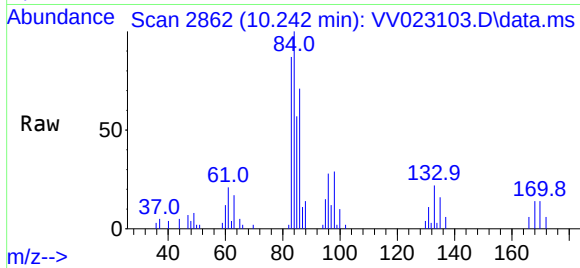
Tgt Ion:	83	Resp:	9054
Ion	Ratio	Lower	Upper
83	100		
85	65.3	44.7	83.1
131	12.2	7.8	11.8#

Instrument :
MSVOA_V
ClientSampled :
MDL04

Manual Integrations
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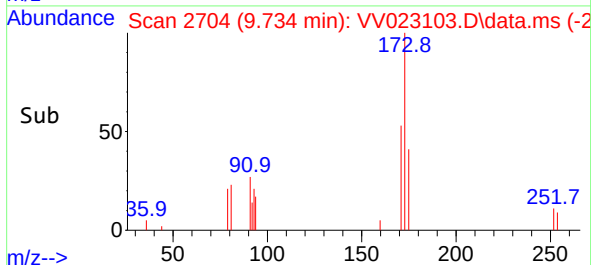
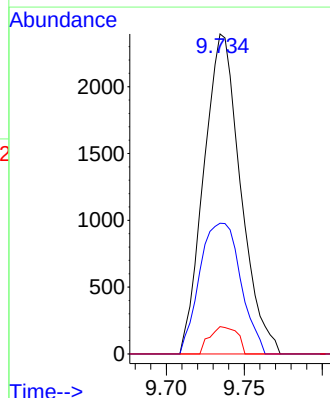
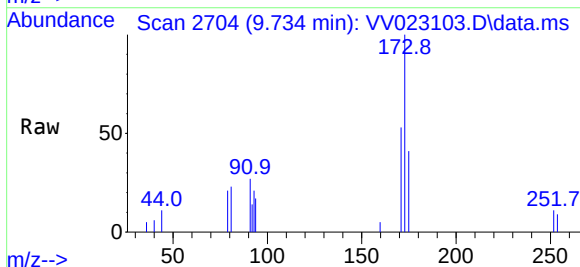
SAM

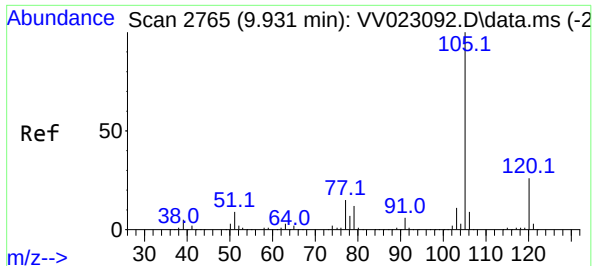
11/1/2021 6:39:55 PM



#59
Bromoform
Concen: 2.334 ug/L
RT: 9.734 min Scan# 2704
Delta R.T. 0.003 min
Lab File: VV023103.D
Acq: 29 Oct 2021 14:23

Tgt Ion:	173	Resp:	3927
Ion	Ratio	Lower	Upper
173	100		
175	45.5	39.3	58.9
254	6.4	7.2	10.8#





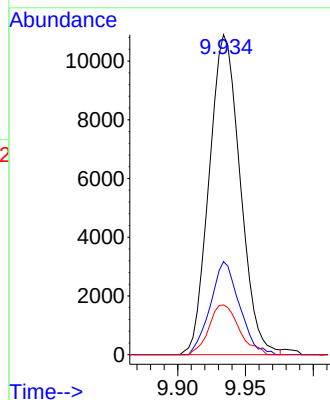
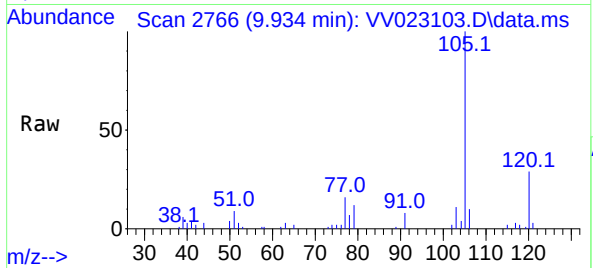
#60
Isopropylbenzene
Concen: 2.042 ug/L
RT: 9.934 min Scan# 2766
Delta R.T. 0.003 min
Lab File: VV023103.D
Acq: 29 Oct 2021 14:23

Tgt Ion:	105	Resp:	17345
Ion	Ratio	Lower	Upper
105	100		
120	27.2	21.0	31.6
77	15.2	12.2	18.2

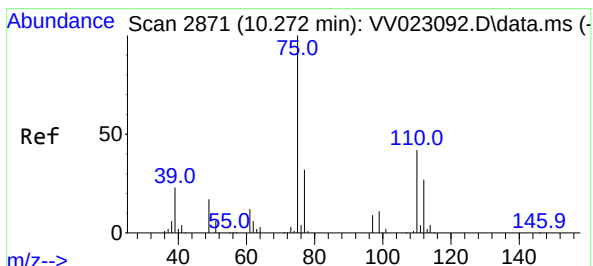
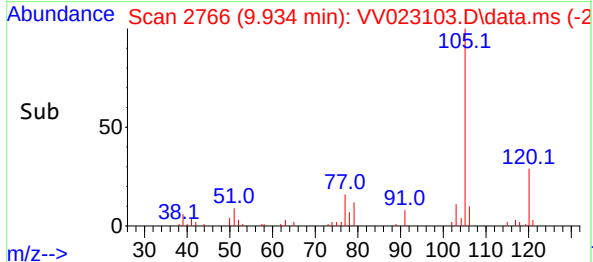
Instrument :
MSVOA_V
ClientSampled :
MDL04

Manual Integrations
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SAM

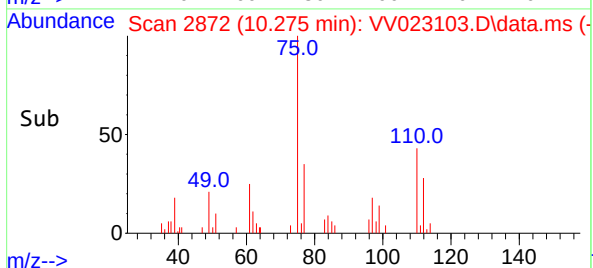
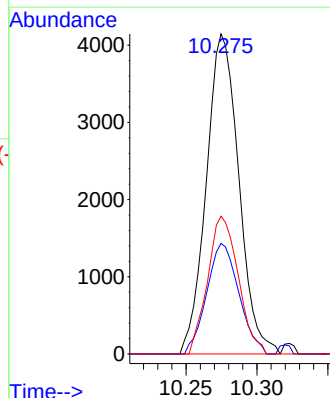
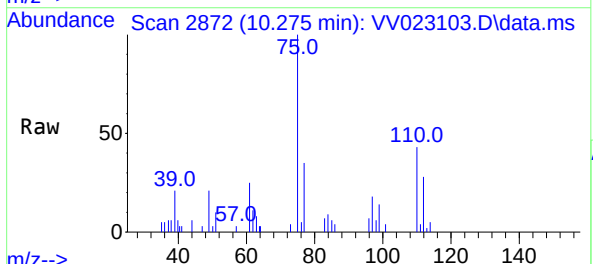


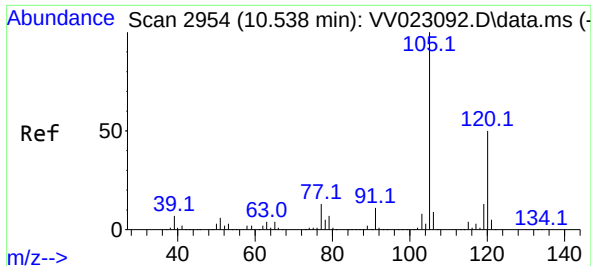
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#61
1,2,3-Trichloropropane
Concen: 2.652 ug/L
RT: 10.275 min Scan# 2872
Delta R.T. 0.003 min
Lab File: VV023103.D
Acq: 29 Oct 2021 14:23

Tgt Ion:	75	Resp:	6609
Ion	Ratio	Lower	Upper
75	100		
77	34.2	25.6	38.4
110	40.5	33.1	49.7





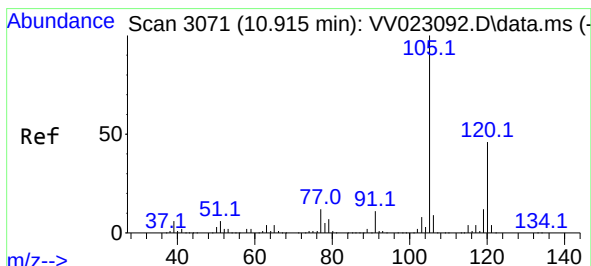
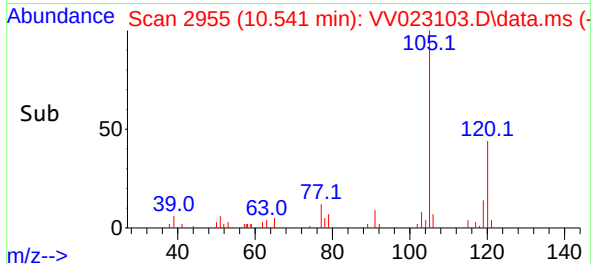
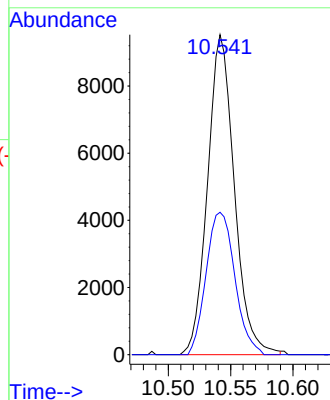
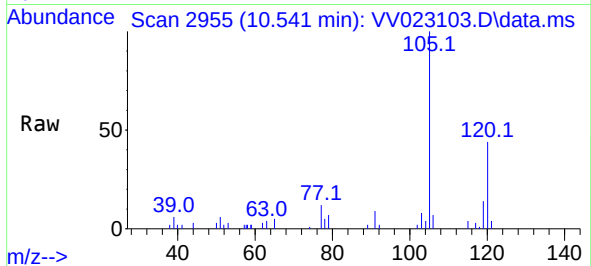
#62
1,3,5-Trimethylbenzene
Concen: 2.039 ug/L
RT: 10.541 min Scan# 2955
Delta R.T. 0.003 min
Lab File: VV023103.D
Acq: 29 Oct 2021 14:23

Tgt Ion:105 Resp: 14265
Ion Ratio Lower Upper
105 100
120 47.7 39.6 59.4

Instrument :
MSVOA_V
ClientSampled :
MDL04

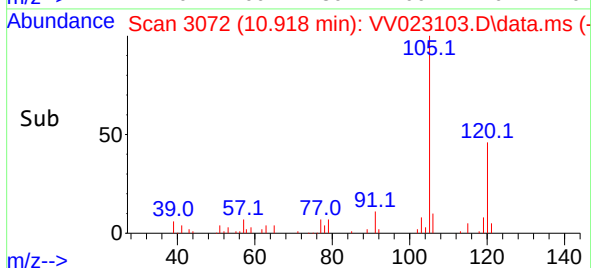
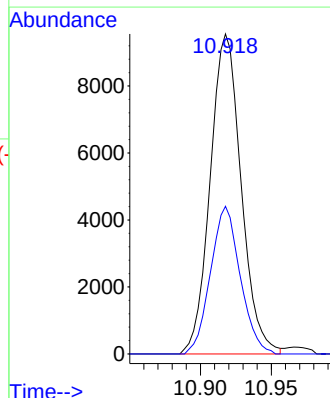
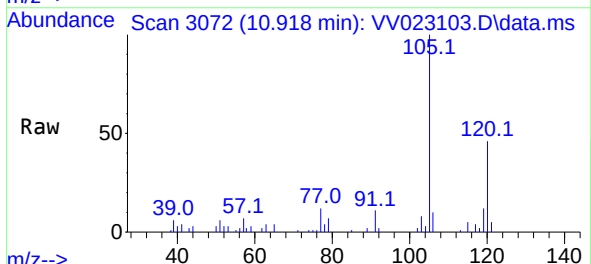
Manual Integrations
APPROVED

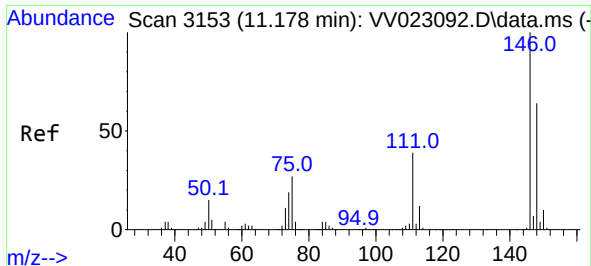
SAM



#63
1,2,4-Trimethylbenzene
Concen: 2.067 ug/L
RT: 10.918 min Scan# 3072
Delta R.T. 0.003 min
Lab File: VV023103.D
Acq: 29 Oct 2021 14:23

Tgt Ion:105 Resp: 14519
Ion Ratio Lower Upper
105 100
120 44.2 37.1 55.7





#64
1,3-Dichlorobenzene
Concen: 2.228 ug/L
RT: 11.185 min Scan# 3155
Delta R.T. 0.006 min
Lab File: VV023103.D
Acq: 29 Oct 2021 14:23

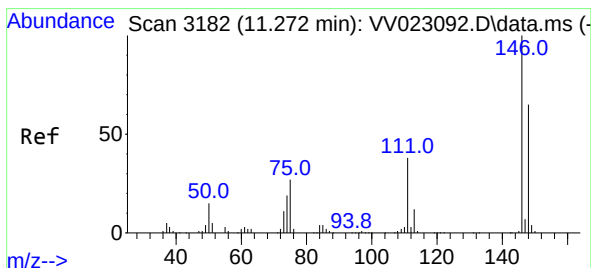
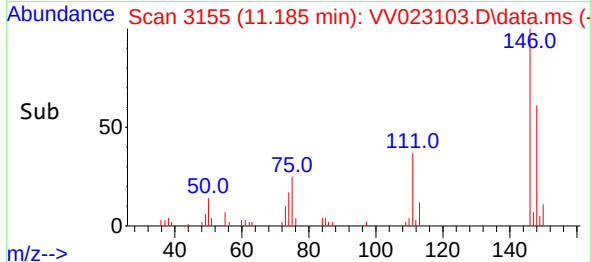
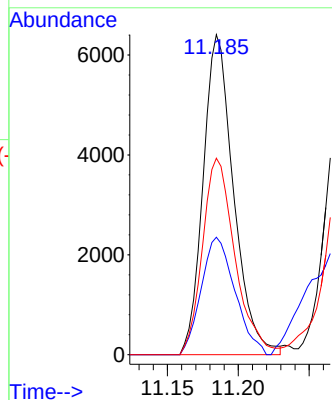
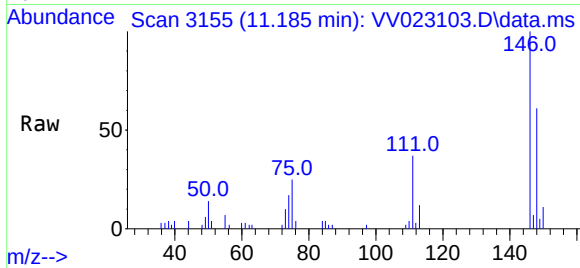
Tgt Ion:146 Resp: 9571
Ion Ratio Lower Upper
146 100
111 36.7 27.3 50.7
148 61.4 44.2 82.0

Instrument :
MSVOA_V
ClientSampled :
MDL04

Manual Integrations
APPROVED

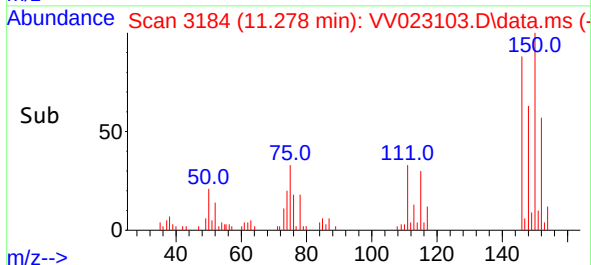
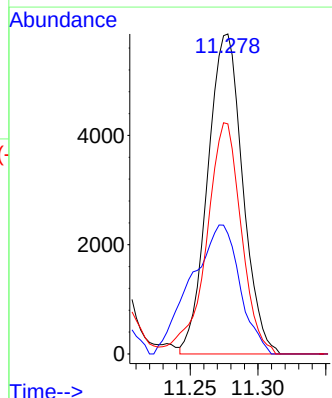
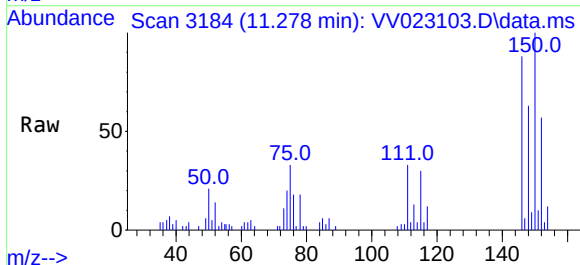
SAM

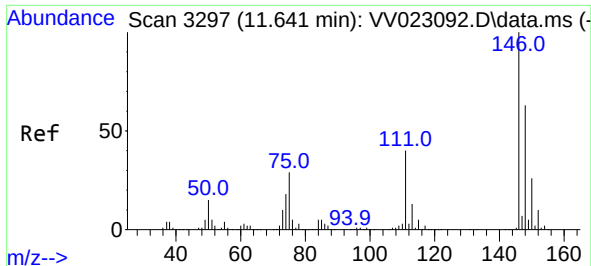
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#65
1,4-Dichlorobenzene
Concen: 2.349 ug/L
RT: 11.278 min Scan# 3184
Delta R.T. 0.006 min
Lab File: VV023103.D
Acq: 29 Oct 2021 14:23

Tgt Ion:146 Resp: 10509
Ion Ratio Lower Upper
146 100
111 37.6 26.0 48.2
148 71.9 44.7 82.9





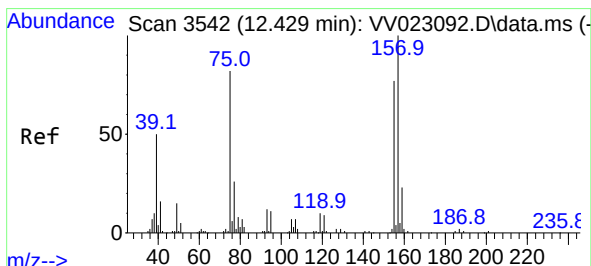
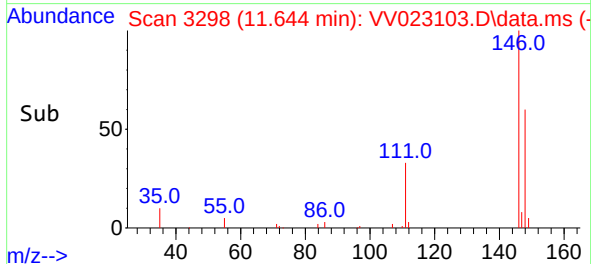
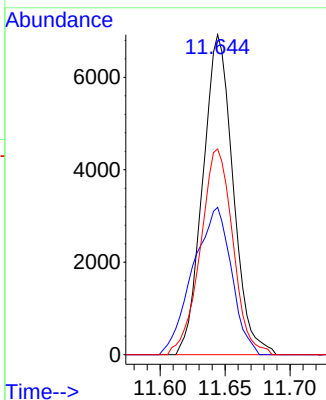
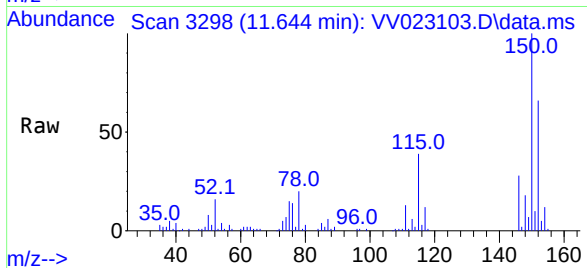
#67
1,2-Dichlorobenzene
Concen: 2.582 ug/L
RT: 11.644 min Scan# 3298
Delta R.T. 0.003 min
Lab File: VV023103.D
Acq: 29 Oct 2021 14:23

Tgt Ion:146 Resp: 11212
Ion Ratio Lower Upper
146 100
111 46.1 32.2 48.2
148 64.2 51.8 77.8

Instrument :
MSVOA_V
ClientSampled :
MDL04

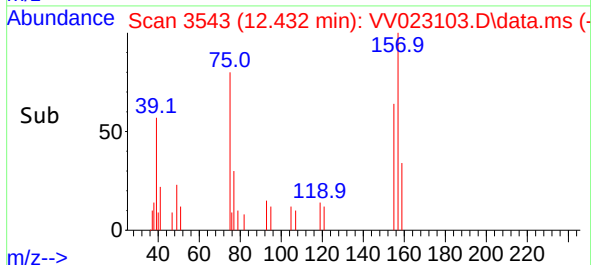
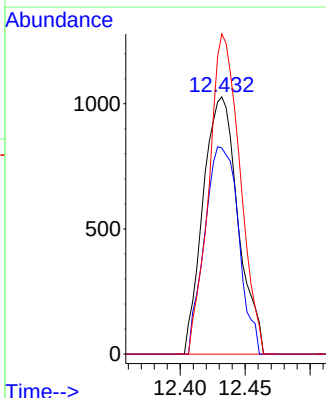
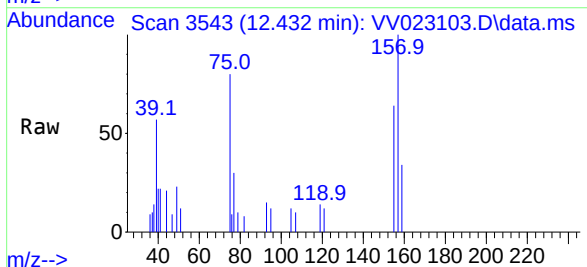
Manual Integrations
APPROVED

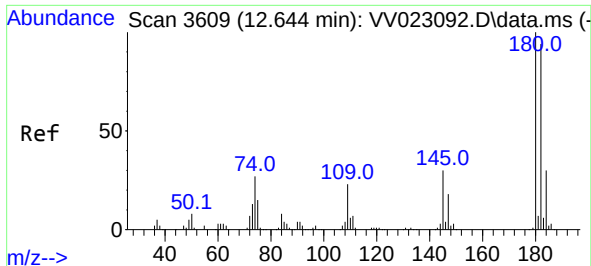
SAM



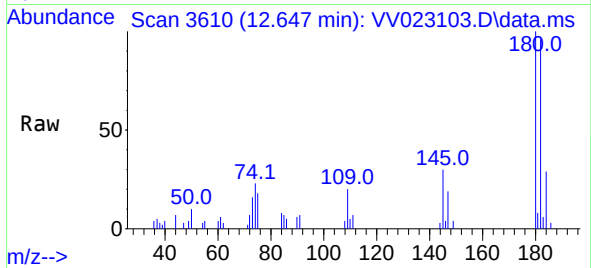
#68
1,2-Dibromo-3-chloropropane
Concen: 2.766 ug/L
RT: 12.432 min Scan# 3543
Delta R.T. 0.003 min
Lab File: VV023103.D
Acq: 29 Oct 2021 14:23

Tgt Ion: 75 Resp: 1924
Ion Ratio Lower Upper
75 100
155 80.1 75.7 113.5
157 124.4 96.4 144.6

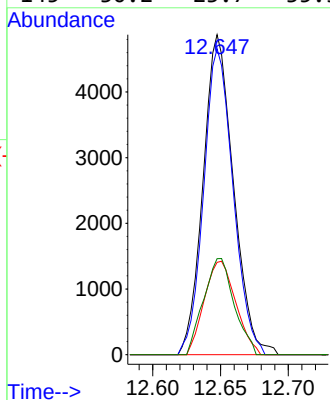
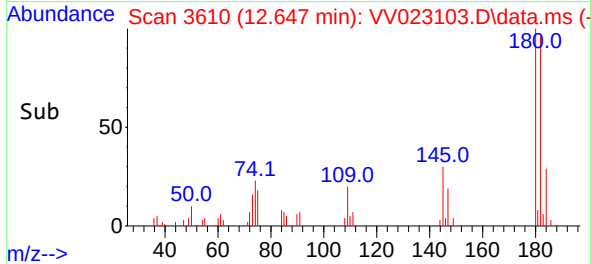




#69
1,3,5-Trichlorobenzene
Concen: 2.337 ug/L
RT: 12.647 min Scan# 3610
Delta R.T. 0.003 min
Lab File: VV023103.D
Acq: 29 Oct 2021 14:23



Tgt Ion:180 Resp: 7592
Ion Ratio Lower Upper
180 100
182 92.6 76.6 115.0
184 30.3 24.6 36.8
145 30.2 23.7 35.5

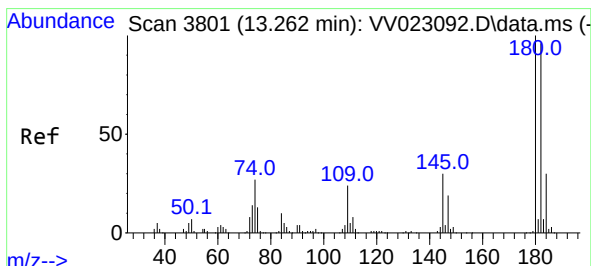


Instrument :
MSVOA_V
ClientSampleId :
MDL04

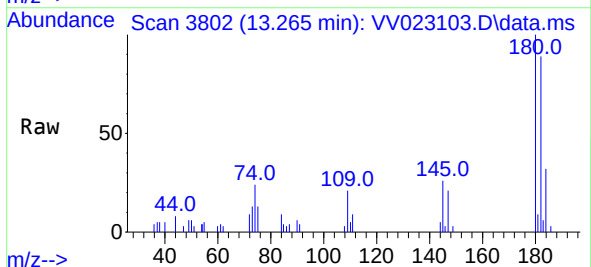
Manual Integrations
APPROVED

SAM

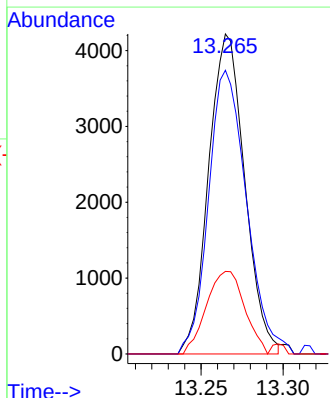
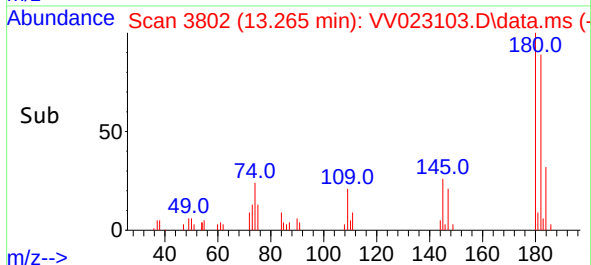
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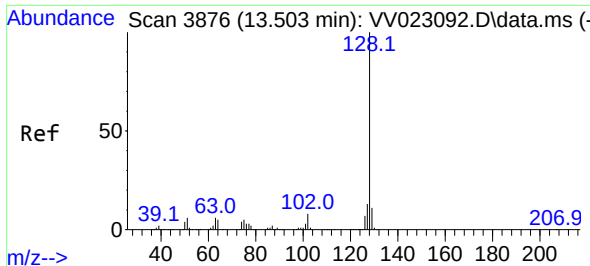


#70
1,2,4-trichlorobenzene
Concen: 2.286 ug/L
RT: 13.265 min Scan# 3802
Delta R.T. 0.003 min
Lab File: VV023103.D
Acq: 29 Oct 2021 14:23



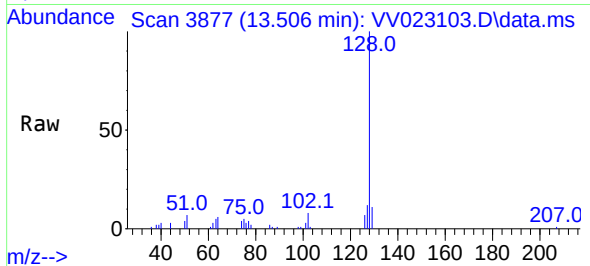
Tgt Ion:180 Resp: 6436
Ion Ratio Lower Upper
180 100
182 93.2 77.2 115.8
145 27.4 23.8 35.6





#71
Naphthalene
Concen: 2.055 ug/L
RT: 13.506 min Scan# 3877
Delta R.T. 0.003 min
Lab File: VV023103.D
Acq: 29 Oct 2021 14:23

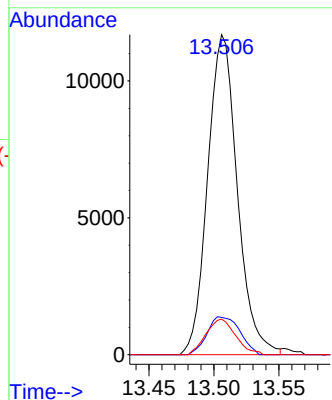
Instrument :
MSVOA_V
ClientSampled :
MDL04



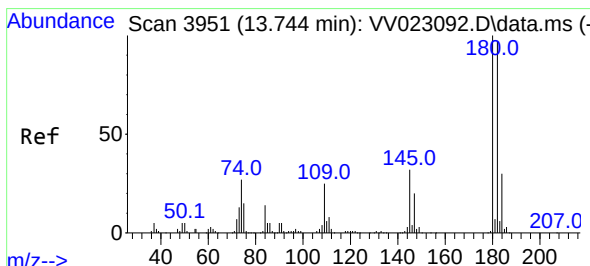
Tgt Ion:128 Resp: 18579
Ion Ratio Lower Upper
128 100
127 13.0 10.3 15.5
129 11.1 8.7 13.1

Manual Integrations
APPROVED

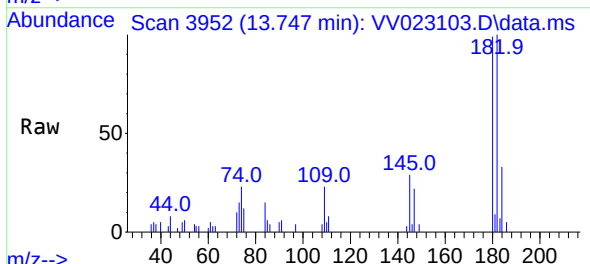
SAM



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#72
1,2,3-Trichlorobenzene
Concen: 2.179 ug/L
RT: 13.747 min Scan# 3952
Delta R.T. 0.003 min
Lab File: VV023103.D
Acq: 29 Oct 2021 14:23



Tgt Ion:180 Resp: 6484
Ion Ratio Lower Upper
180 100
182 96.4 77.0 115.4
145 30.3 26.4 39.6

