

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW102821\
 Data File : VW023087.D
 Acq On : 28 Oct 2021 20:29
 Operator : SY/MD
 Sample : MDL02
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 MDL02

Manual Integrations
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 11/1/2021 6:35:43 PM

Quant Time: Oct 29 02:16:12 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM102821WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Oct 29 01:52:27 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	265068	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	260604	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	130308	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	85816	46.977	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	93.960%
7) Chloroethane-d5	1.568	69	70890	49.754	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	99.500%
11) 1,1-Dichloroethene-d2	2.108	63	123397	35.660	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	71.320%
21) 2-Butanone-d5	3.876	46	156512	114.356	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	114.360%
24) Chloroform-d	4.352	84	183937	47.890	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.780%
26) 1,2-Dichloroethane-d4	5.034	65	118491	52.122	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.240%
32) Benzene-d6	5.053	84	356646	49.958	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.920%
36) 1,2-Dichloropropane-d6	6.072	67	114866	50.545	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	101.080%
41) Toluene-d8	7.317	98	319889	49.114	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.220%
43) trans-1,3-Dichloroprop...	7.622	79	54171	49.733	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	99.460%
47) 2-Hexanone-d5	8.088	63	111232	112.691	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	112.690%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	168782	50.814	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	101.620%
66) 1,2-Dichlorobenzene-d4	11.625	152	134246	53.408	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	106.820%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.127	85	5794	2.299	ug/L	97
3) Chloromethane	1.240	50	5760	2.424	ug/L	100
5) Vinyl chloride	1.310	62	5935	2.499	ug/L #	71
6) Bromomethane	1.519	94	3251	2.437	ug/L	94
8) Chloroethane	1.584	64	3661	2.532	ug/L	99
9) Trichlorofluoromethane	1.754	101	8428	2.338	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	5430	2.838	ug/L	87
12) 1,1-Dichloroethene	2.117	96	5057	2.848	ug/L #	1
13) Acetone	2.169	43	5899m	4.348	ug/L	
14) Carbon disulfide	2.294	76	12712	2.394	ug/L	100
15) Methyl Acetate	2.436	43	6305	2.800	ug/L	99
16) Methylene chloride	2.510	84	6050	2.660	ug/L	96
17) trans-1,2-Dichloroethene	2.767	96	4628	2.284	ug/L	86
18) Methyl tert-butyl Ether	2.770	73	13417	2.205	ug/L	94
19) 1,1-Dichloroethane	3.195	63	8804	2.332	ug/L	99
20) cis-1,2-Dichloroethene	3.915	96	5396	2.491	ug/L	89
22) 2-Butanone	3.989	43	7381m	4.774	ug/L	
23) Bromochloromethane	4.262	128	2824	2.314	ug/L	95
25) Chloroform	4.378	83	10231	2.635	ug/L	90

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.143	62	6185	2.122	ug/L	100
29) Cyclohexane	4.683	56	6264	2.059	ug/L	98
30) 1,1,1-Trichloroethane	4.612	97	8135	2.343	ug/L #	59
31) Carbon tetrachloride	4.831	117	7327	2.347	ug/L	99
33) Benzene	5.108	78	20202	2.488	ug/L	100
34) Trichloroethene	5.921	95	4818m	2.271	ug/L	
35) Methylcyclohexane	6.133	83	6981	2.112	ug/L	94
37) 1,2-Dichloropropane	6.178	63	5108	2.394	ug/L #	95
38) Bromodichloromethane	6.516	83	6802	2.356	ug/L	95
39) cis-1,3-Dichloropropene	7.034	75	7904	2.443	ug/L	95
40) 4-Methyl-2-pentanone	7.233	43	12243	4.449	ug/L	99
42) Toluene	7.394	91	24569	2.828	ug/L	96
44) trans-1,3-Dichloropropene	7.661	75	7112	2.267	ug/L	100
45) 1,1,2-Trichloroethane	7.847	97	4950	2.272	ug/L	93
46) Tetrachloroethene	7.979	164	4258	2.328	ug/L	86
48) 2-Hexanone	8.149	43	11576	5.298	ug/L	97
49) Dibromochloromethane	8.246	129	5804	2.332	ug/L	91
50) 1,2-Dibromoethane	8.358	107	5655	2.464	ug/L	93
51) Chlorobenzene	8.886	112	13708	2.336	ug/L	98
52) Ethylbenzene	9.017	91	19659	2.127	ug/L	95
53) m,p-Xylene	9.143	106	7508	2.107	ug/L	98
54) o-Xylene	9.548	106	7410	2.136	ug/L	90
55) Styrene	9.567	104	11842	1.964	ug/L	94
57) 1,1,2,2-Tetrachloroethane	10.242	83	9059	2.608	ug/L #	93
59) Bromoform	9.734	173	3890	2.360	ug/L #	97
60) Isopropylbenzene	9.934	105	17854	2.145	ug/L	98
61) 1,2,3-Trichloropropane	10.278	75	6619	2.710	ug/L	96
62) 1,3,5-Trimethylbenzene	10.541	105	13894	2.026	ug/L	99
63) 1,2,4-Trimethylbenzene	10.918	105	14022	2.037	ug/L	98
64) 1,3-Dichlorobenzene	11.185	146	10160	2.414	ug/L	96
65) 1,4-Dichlorobenzene	11.275	146	11075	2.527	ug/L	98
67) 1,2-Dichlorobenzene	11.644	146	11253	2.644	ug/L	88
68) 1,2-Dibromo-3-chloropr...	12.429	75	1839	2.698	ug/L	96
69) 1,3,5-Trichlorobenzene	12.651	180	7744	2.433	ug/L	94
70) 1,2,4-trichlorobenzene	13.265	180	6853	2.484	ug/L	94
71) Naphthalene	13.506	128	20082	2.267	ug/L	99
72) 1,2,3-Trichlorobenzene	13.747	180	6818	2.338	ug/L	98

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

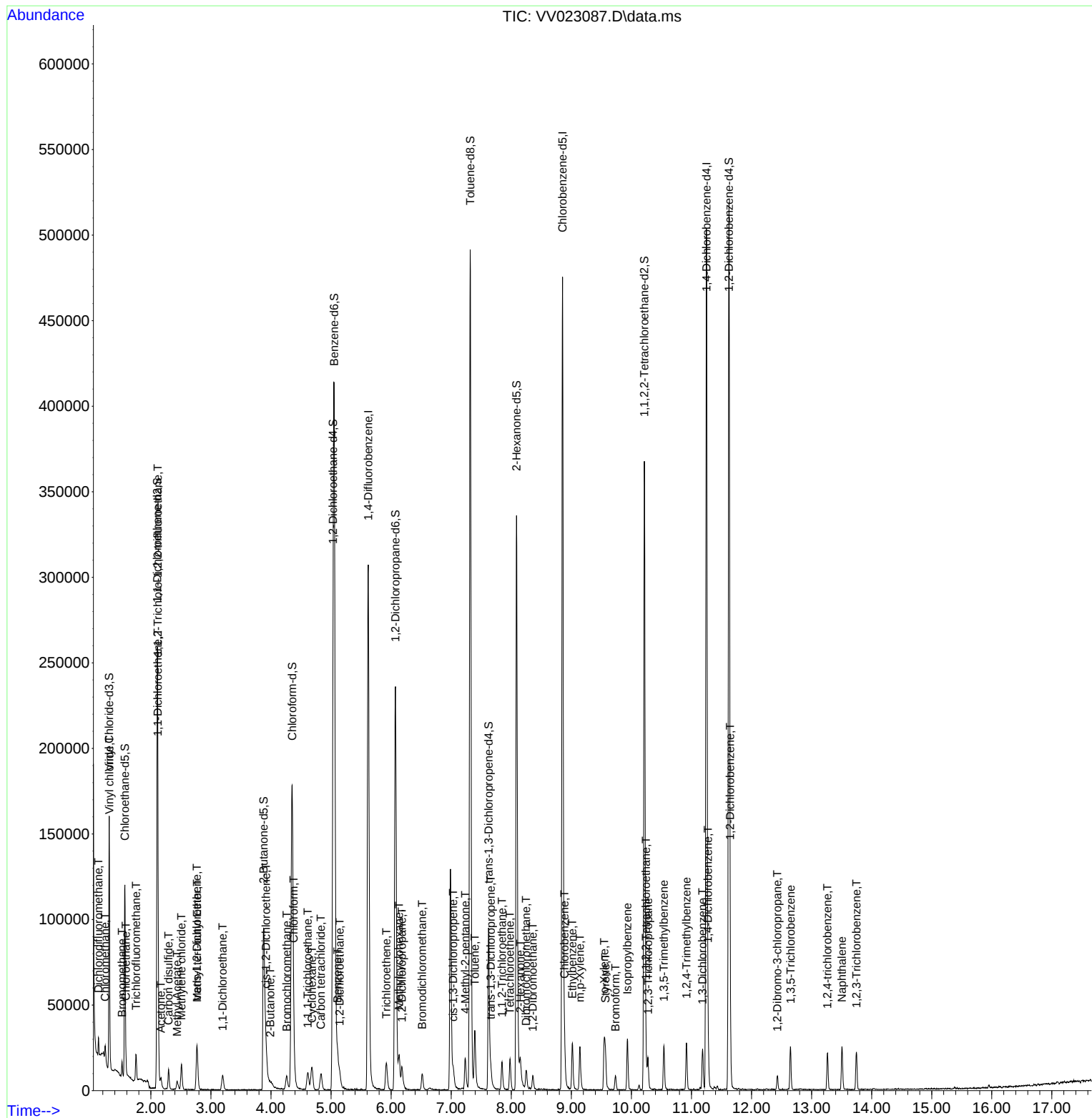
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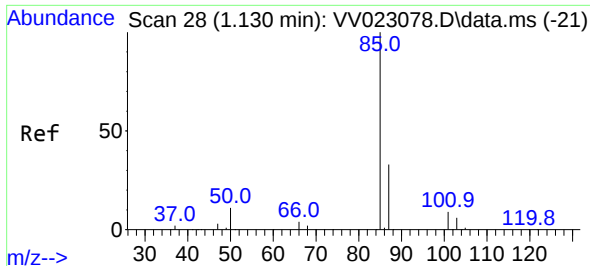
Instrument :
MSVOA_V
ClientSampled :
MDL02

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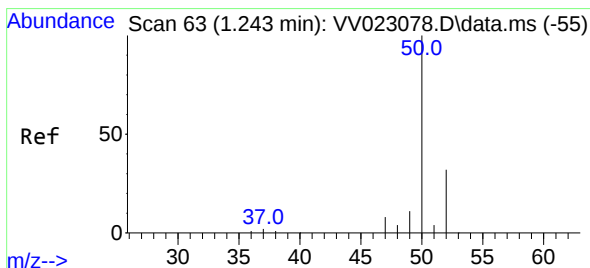
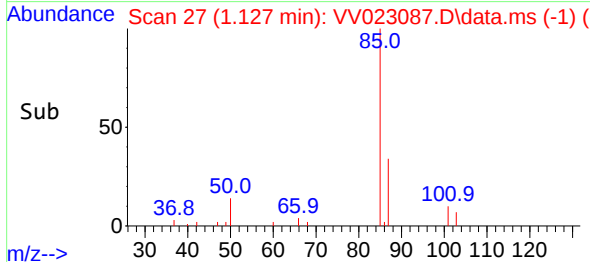
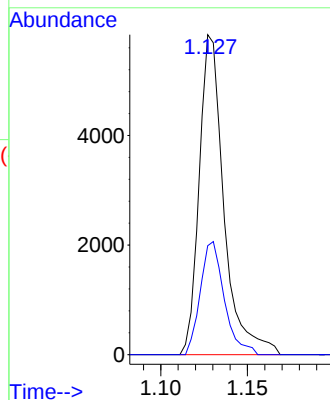
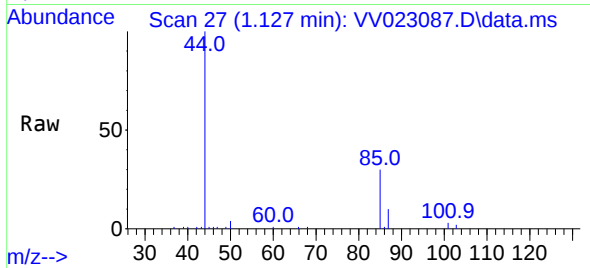
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 Dichlorodifluoromethane
 Concen: 2.299 ug/L
 RT: 1.127 min Scan# 27
 Delta R.T. -0.003 min
 Lab File: VV023087.D
 Acq: 28 Oct 2021 20:29

Tgt Ion: 85 Resp: 5794
 Ion Ratio Lower Upper
 85 100
 87 34.3 26.2 39.2

Instrument :
 MSVOA_V
 ClientSampleId :
 MDL02

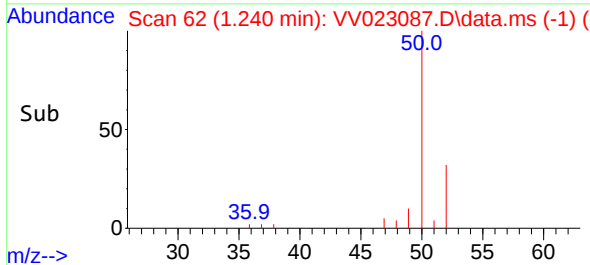
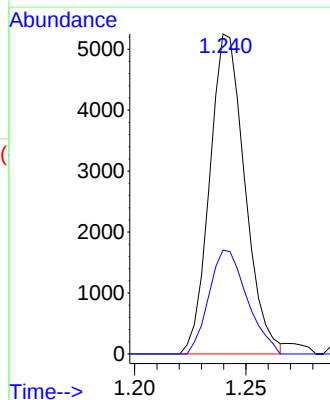
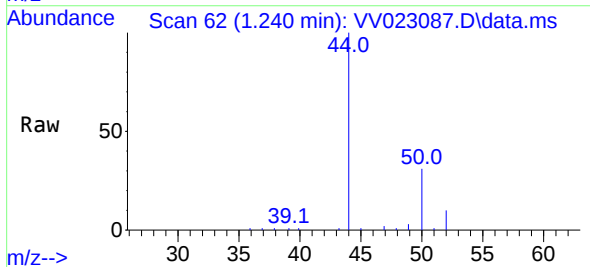
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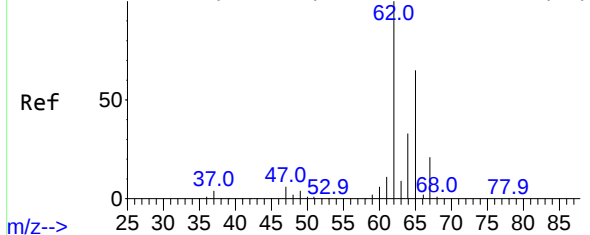


#3
 Chloromethane
 Concen: 2.424 ug/L
 RT: 1.240 min Scan# 62
 Delta R.T. -0.003 min
 Lab File: VV023087.D
 Acq: 28 Oct 2021 20:29

Tgt Ion: 50 Resp: 5760
 Ion Ratio Lower Upper
 50 100
 52 32.5 22.5 41.9



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



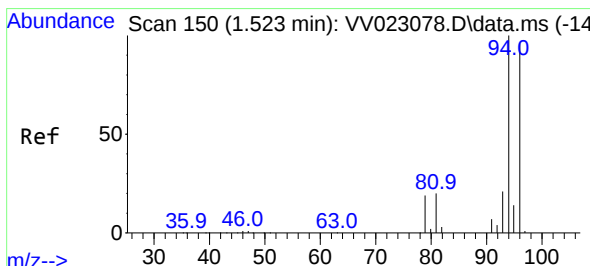
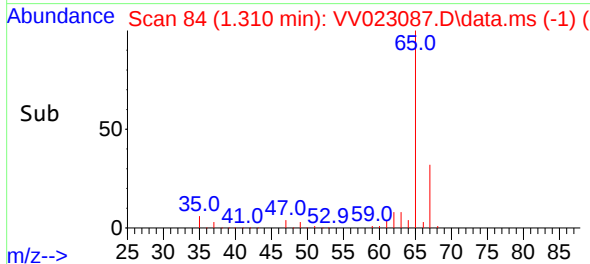
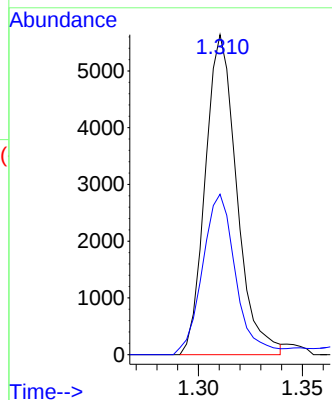
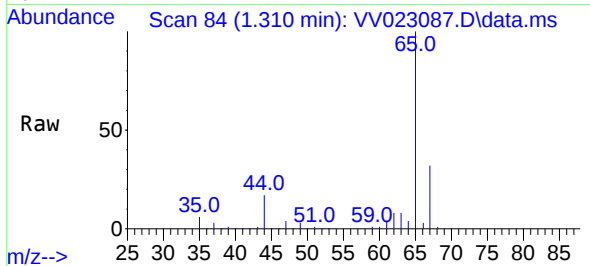
#5
Vinyl chloride
Concen: 2.499 ug/L
RT: 1.310 min Scan# 84
Delta R.T. -0.000 min
Lab File: VV023087.D
Acq: 28 Oct 2021 20:29

Tgt Ion: 62 Resp: 5935
Ion Ratio Lower Upper
62 100
64 50.1 23.4 43.4#

Instrument :
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ClientSampleId :
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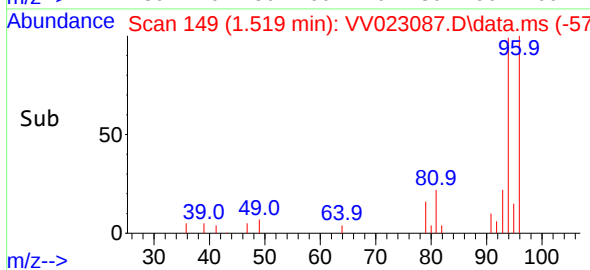
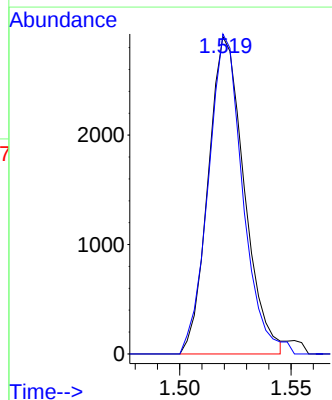
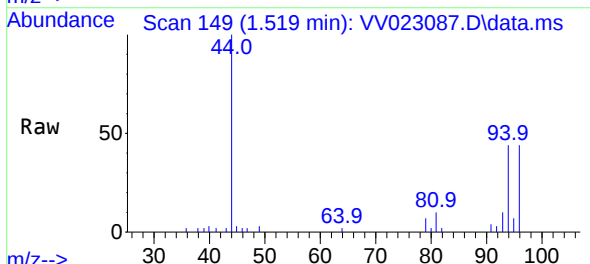
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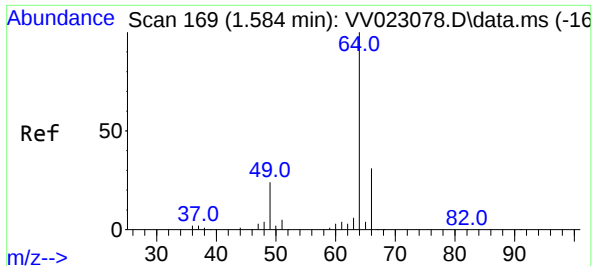
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#6
Bromomethane
Concen: 2.437 ug/L
RT: 1.519 min Scan# 149
Delta R.T. -0.003 min
Lab File: VV023087.D
Acq: 28 Oct 2021 20:29

Tgt Ion: 94 Resp: 3251
Ion Ratio Lower Upper
94 100
96 100.9 66.8 124.2





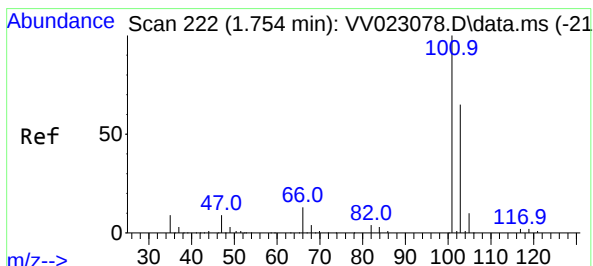
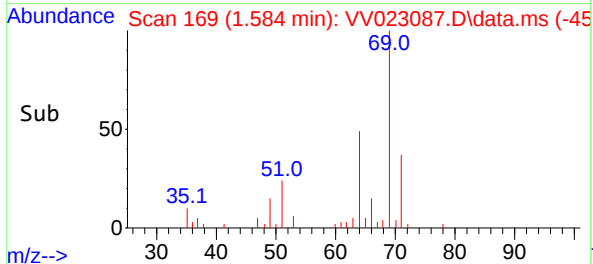
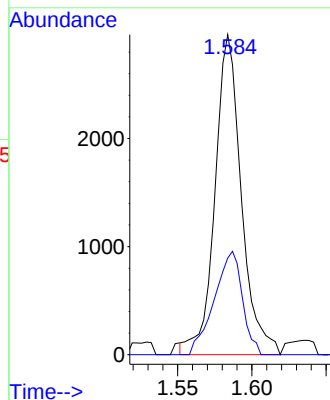
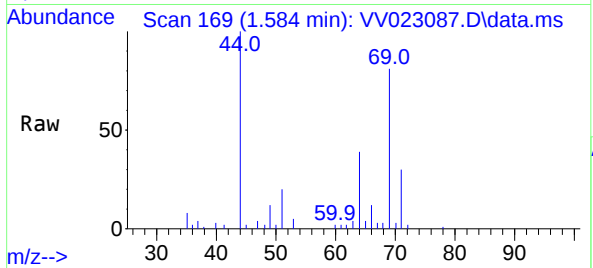
#8
Chloroethane
Concen: 2.532 ug/L
RT: 1.584 min Scan# 169
Delta R.T. -0.000 min
Lab File: VV023087.D
Acq: 28 Oct 2021 20:29

Tgt Ion: 64 Resp: 3661
Ion Ratio Lower Upper
64 100
66 30.2 21.3 39.6

Instrument :
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ClientSampleId :
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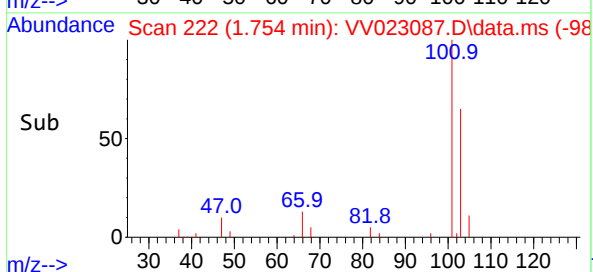
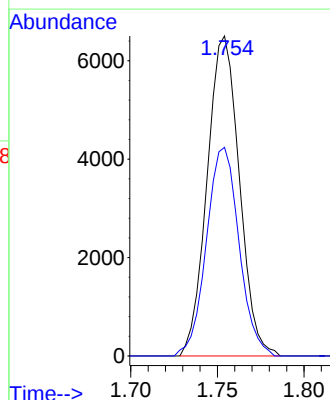
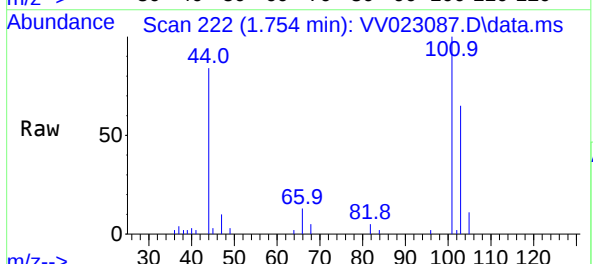
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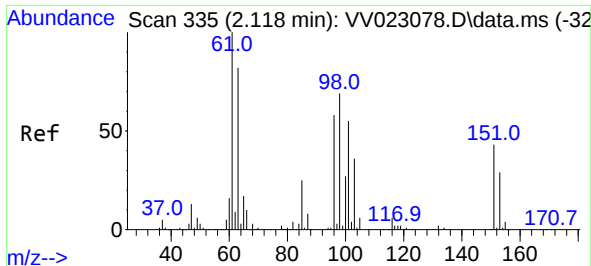
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#9
Trichlorofluoromethane
Concen: 2.338 ug/L
RT: 1.754 min Scan# 222
Delta R.T. -0.000 min
Lab File: VV023087.D
Acq: 28 Oct 2021 20:29

Tgt Ion: 101 Resp: 8428
Ion Ratio Lower Upper
101 100
103 66.0 52.2 78.2





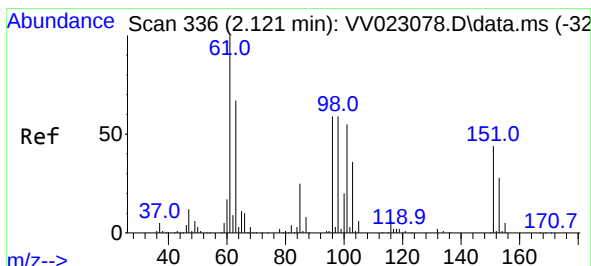
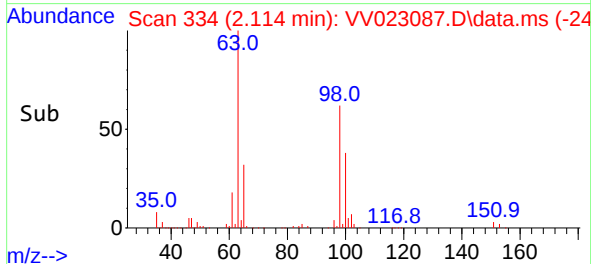
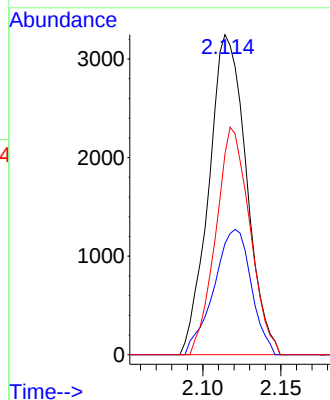
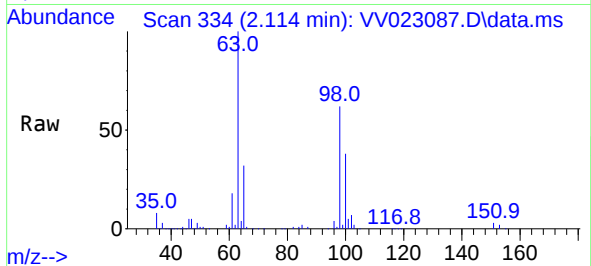
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 2.838 ug/L
RT: 2.114 min Scan# 334
Delta R.T. -0.003 min
Lab File: VV023087.D
Acq: 28 Oct 2021 20:29

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Tgt Ion:101 Resp: 5430
Ion Ratio Lower Upper
101 100
85 39.0 35.1 52.7
151 64.6 63.4 95.2

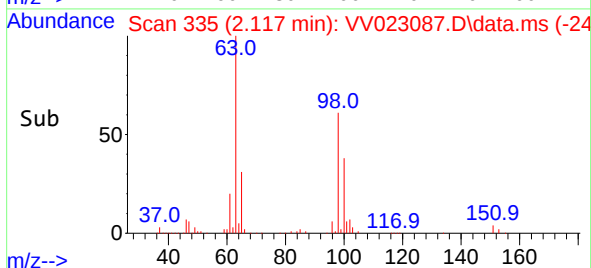
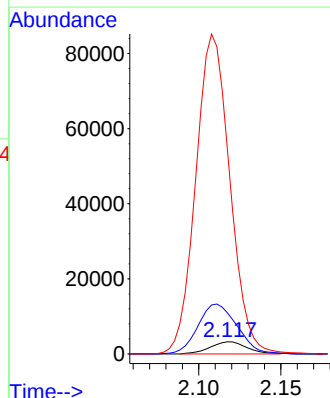
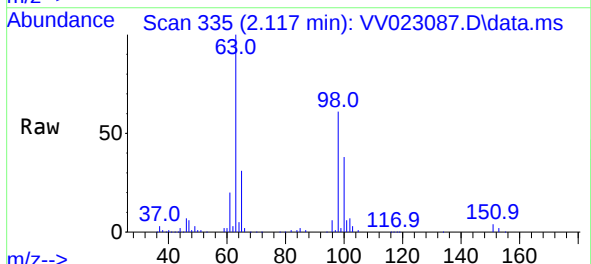
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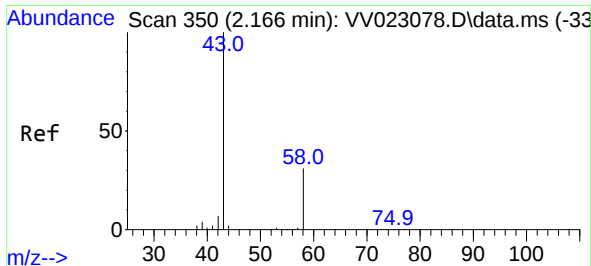
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#12
1,1-Dichloroethene
Concen: 2.848 ug/L
RT: 2.117 min Scan# 335
Delta R.T. -0.003 min
Lab File: VV023087.D
Acq: 28 Oct 2021 20:29

Tgt Ion: 96 Resp: 5057
Ion Ratio Lower Upper
96 100
61 336.3 117.7 218.7#
63 1672.7 79.2 147.2#





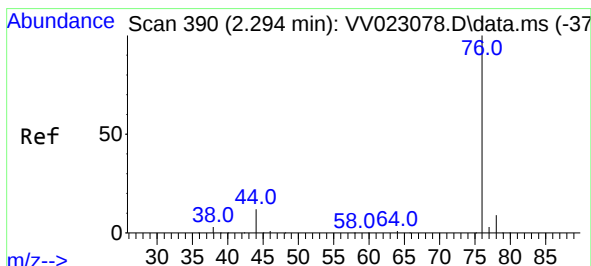
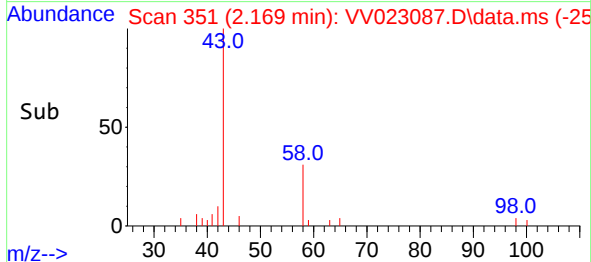
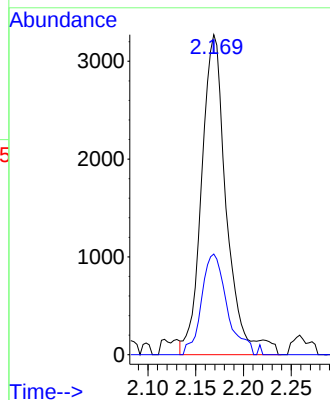
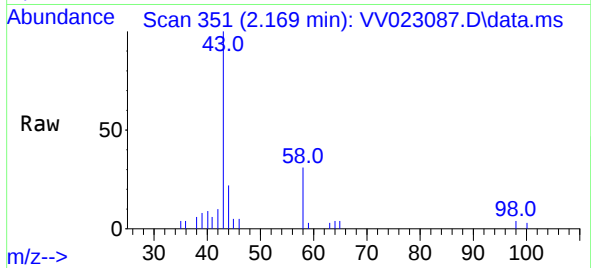
#13
Acetone
Concen: 4.348 ug/L m
RT: 2.169 min Scan# 351
Delta R.T. 0.003 min
Lab File: VV023087.D
Acq: 28 Oct 2021 20:29

Tgt Ion: 43 Resp: 5899
Ion Ratio Lower Upper
43 100
58 32.4 0.0 0.4#

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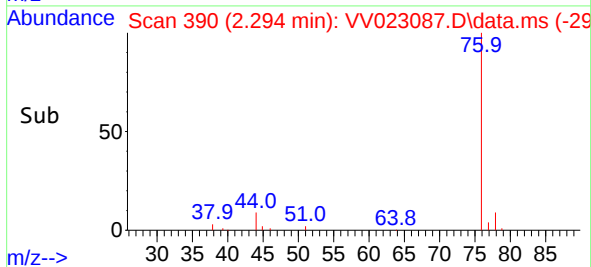
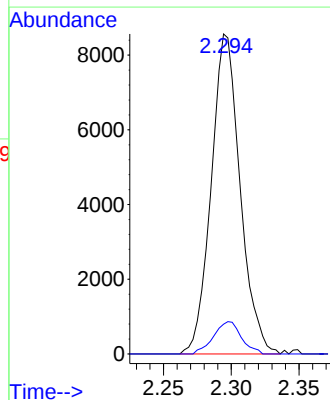
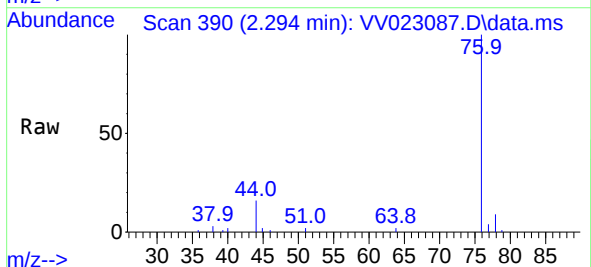
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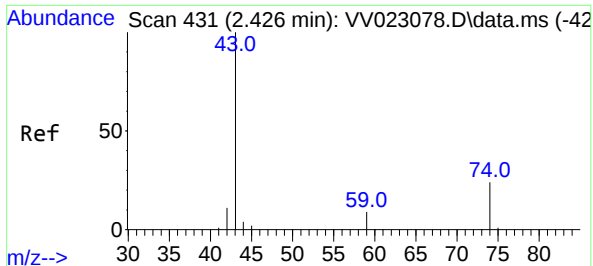
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#14
Carbon disulfide
Concen: 2.394 ug/L
RT: 2.294 min Scan# 390
Delta R.T. -0.000 min
Lab File: VV023087.D
Acq: 28 Oct 2021 20:29

Tgt Ion: 76 Resp: 12712
Ion Ratio Lower Upper
76 100
78 9.3 7.4 11.0





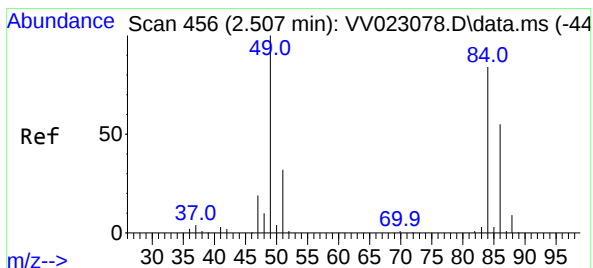
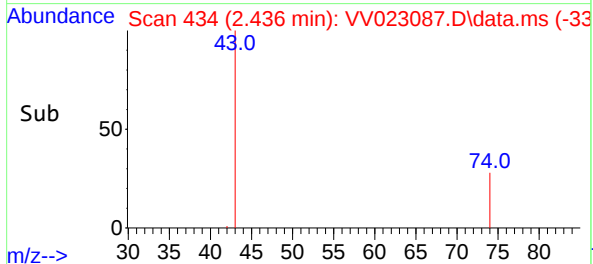
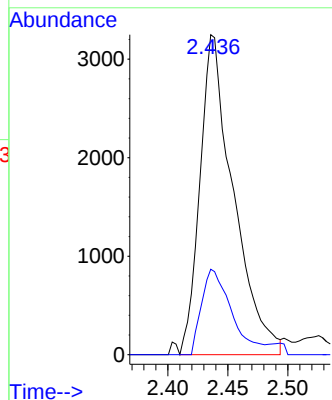
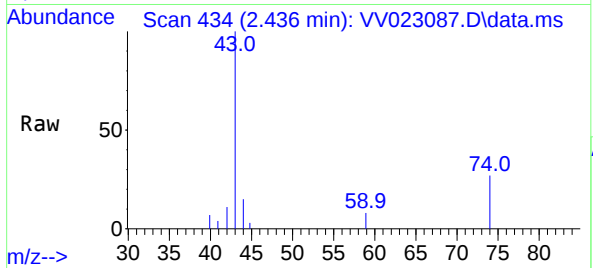
#15
Methyl Acetate
Concen: 2.800 ug/L
RT: 2.436 min Scan# 434
Delta R.T. 0.010 min
Lab File: VV023087.D
Acq: 28 Oct 2021 20:29

Tgt Ion: 43 Resp: 6305
Ion Ratio Lower Upper
43 100
74 23.9 19.4 29.2

Instrument :
MSVOA_V
ClientSampleId :
MDL02

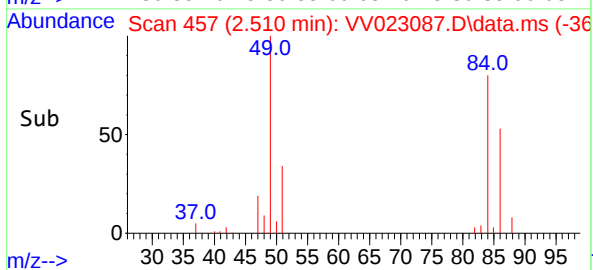
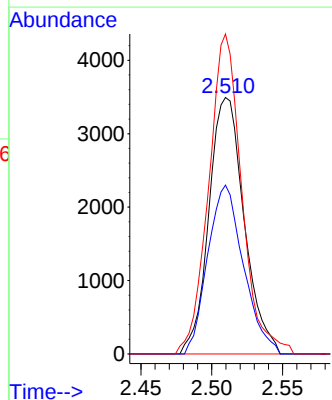
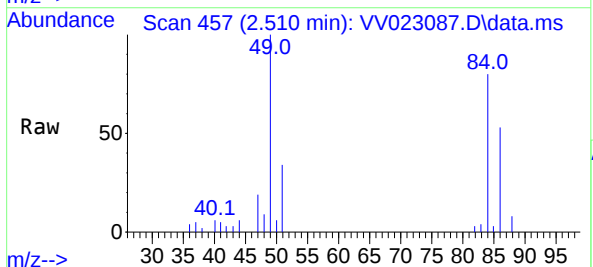
Manual Integrations
APPROVED

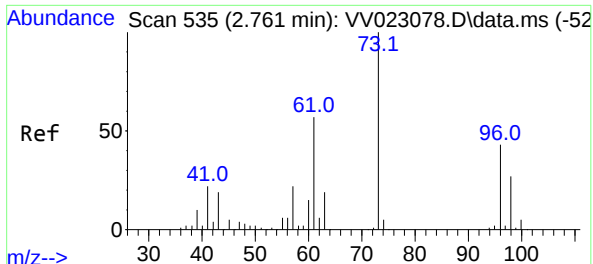
SAM
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#16
Methylene chloride
Concen: 2.660 ug/L
RT: 2.510 min Scan# 457
Delta R.T. 0.003 min
Lab File: VV023087.D
Acq: 28 Oct 2021 20:29

Tgt Ion: 84 Resp: 6050
Ion Ratio Lower Upper
84 100
86 65.8 45.4 84.2
49 124.8 83.0 154.1





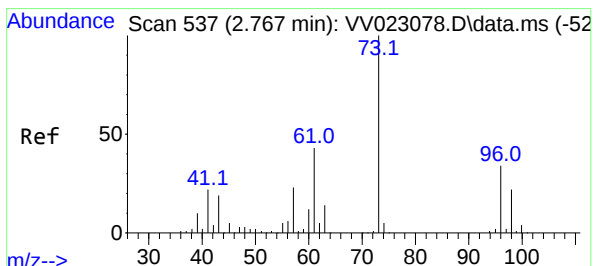
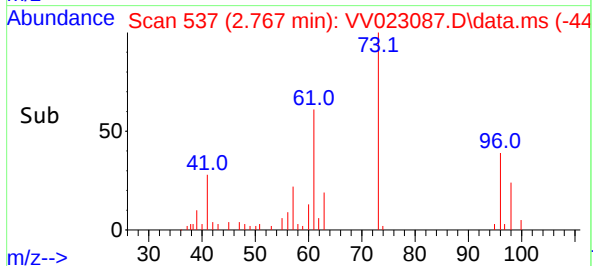
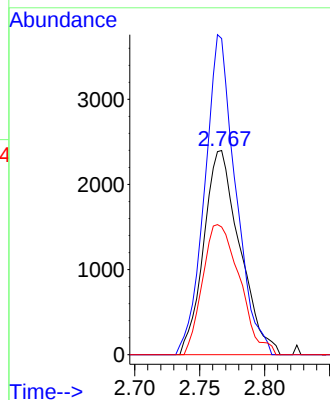
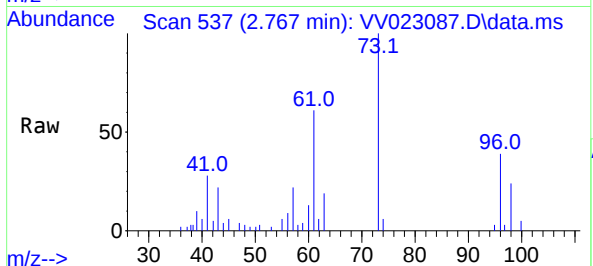
#17
trans-1,2-Dichloroethene
Concen: 2.284 ug/L
RT: 2.767 min Scan# 537
Delta R.T. 0.006 min
Lab File: VV023087.D
Acq: 28 Oct 2021 20:29

Tgt Ion: 96 Resp: 4628
Ion Ratio Lower Upper
96 100
61 154.9 92.2 171.2
98 62.5 44.1 81.9

Instrument :
MSVOA_V
ClientSampled :
MDL02

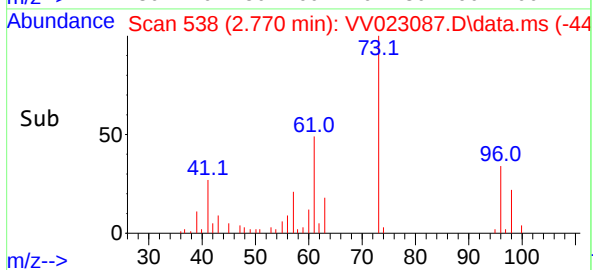
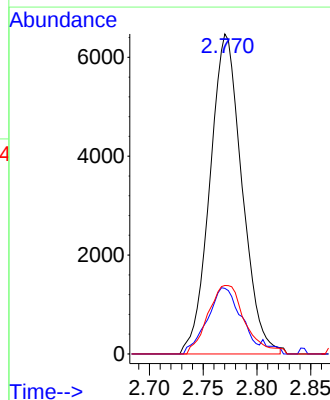
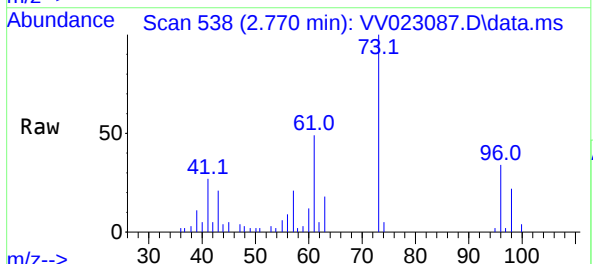
Manual Integrations
APPROVED

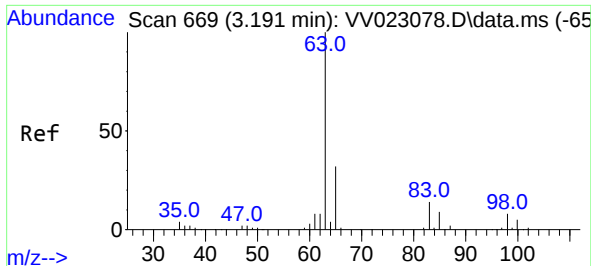
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#18
Methyl tert-butyl Ether
Concen: 2.205 ug/L
RT: 2.770 min Scan# 538
Delta R.T. 0.003 min
Lab File: VV023087.D
Acq: 28 Oct 2021 20:29

Tgt Ion: 73 Resp: 13417
Ion Ratio Lower Upper
73 100
43 21.8 14.9 22.3
57 24.7 17.6 26.4





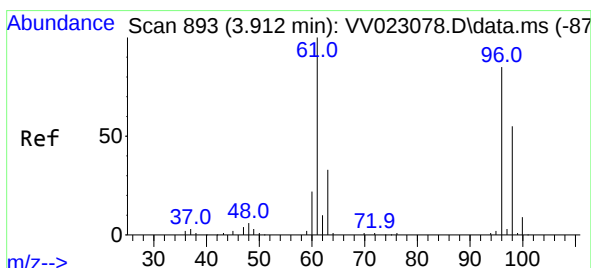
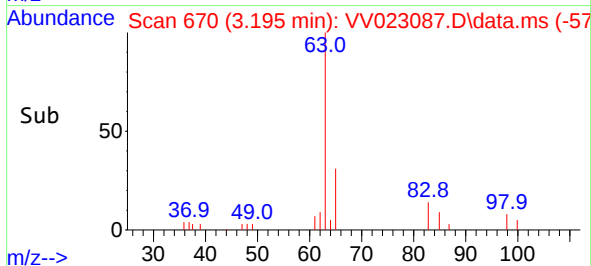
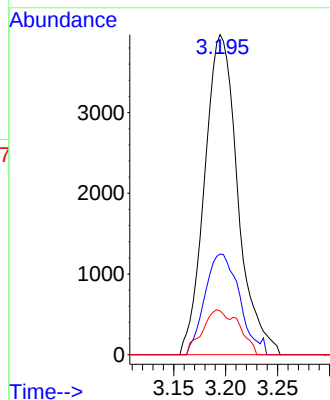
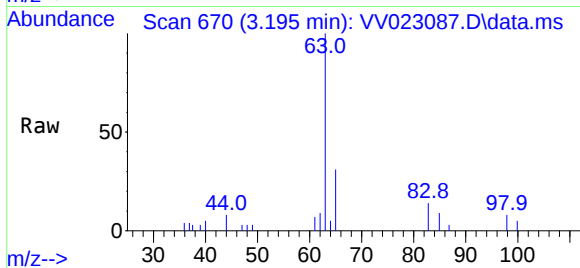
#19
1,1-Dichloroethane
Concen: 2.332 ug/L
RT: 3.195 min Scan# 670
Delta R.T. 0.003 min
Lab File: VV023087.D
Acq: 28 Oct 2021 20:29

Tgt Ion: 63	Resp: 8804	
Ion Ratio	Lower	Upper
63	100	
65	31.5	22.3 41.5
83	13.7	9.8 18.2

Instrument :
MSVOA_V
ClientSampleId :
MDL02

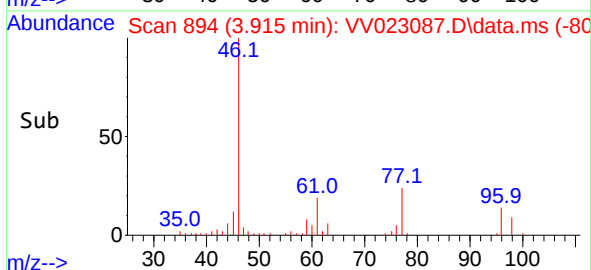
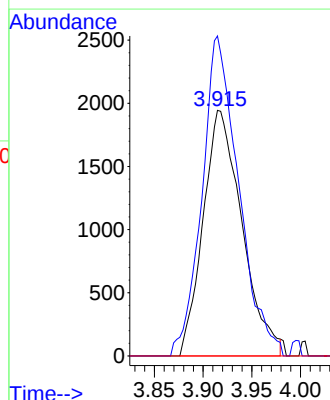
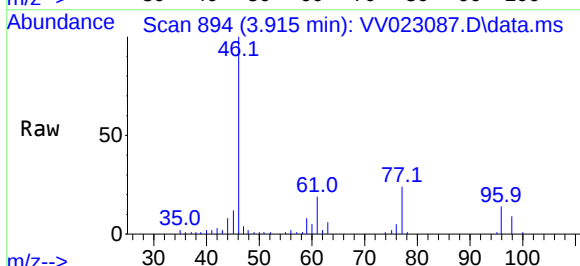
Manual Integrations
APPROVED

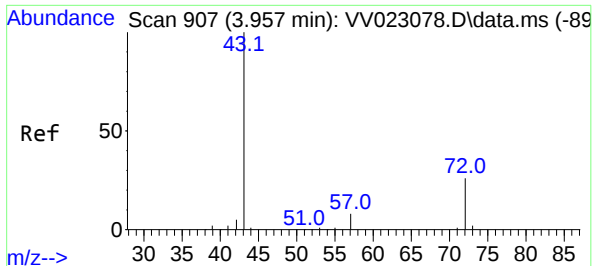
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#20
cis-1,2-Dichloroethene
Concen: 2.491 ug/L
RT: 3.915 min Scan# 894
Delta R.T. 0.003 min
Lab File: VV023087.D
Acq: 28 Oct 2021 20:29

Tgt Ion: 96	Resp: 5396
Ion Ratio	Lower Upper
96 100	
61 130.3	83.0 154.1
68 0.0	0.0 0.0





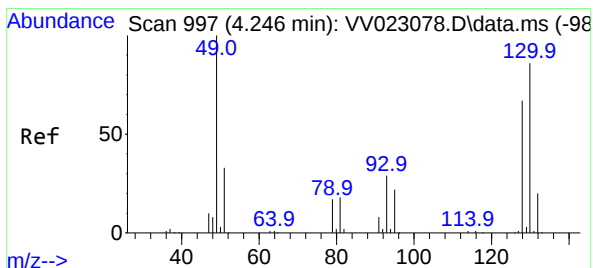
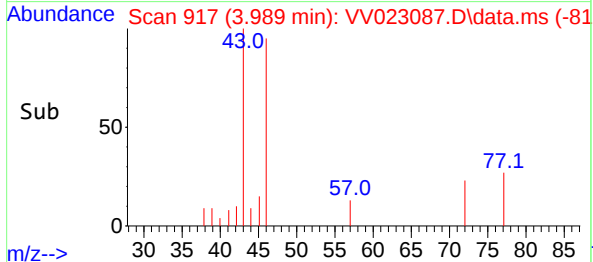
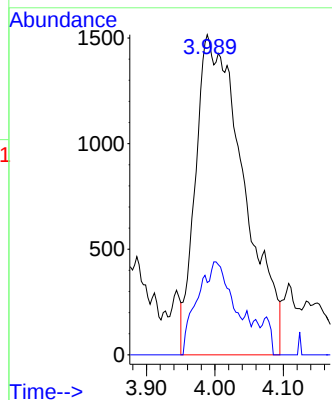
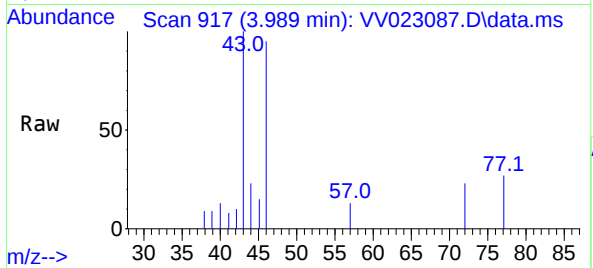
#22
2-Butanone
Concen: 4.774 ug/L m
RT: 3.989 min Scan# 917
Delta R.T. 0.032 min
Lab File: VV023087.D
Acq: 28 Oct 2021 20:29

Tgt Ion: 43 Resp: 7381
Ion Ratio Lower Upper
43 100
72 7.3 13.4 40.1#

Instrument :
MSVOA_V
ClientSampled :
MDL02

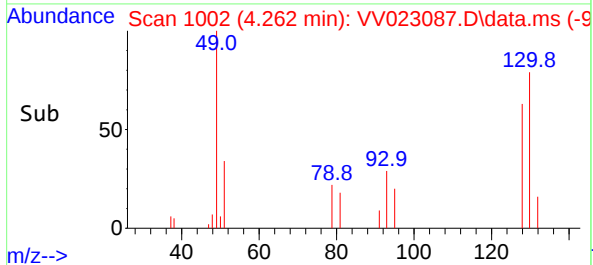
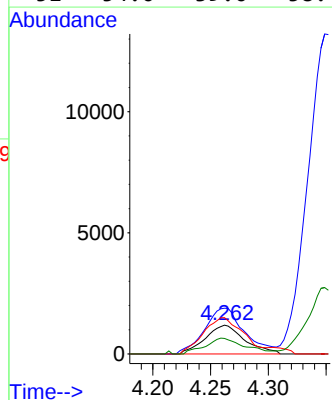
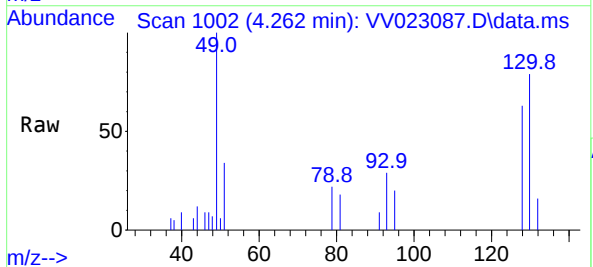
Manual Integrations
APPROVED

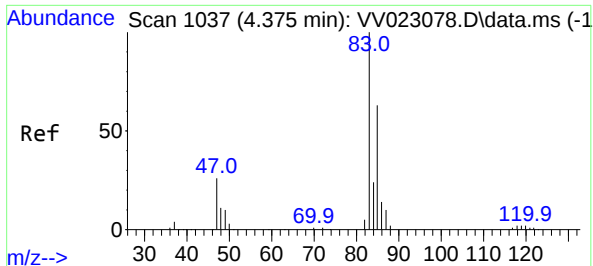
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#23
Bromochloromethane
Concen: 2.314 ug/L
RT: 4.262 min Scan# 1002
Delta R.T. 0.016 min
Lab File: VV023087.D
Acq: 28 Oct 2021 20:29

Tgt Ion:128 Resp: 2824
Ion Ratio Lower Upper
128 100
49 159.2 104.7 194.4
130 126.2 89.7 166.7
51 54.0 39.0 58.4





#25

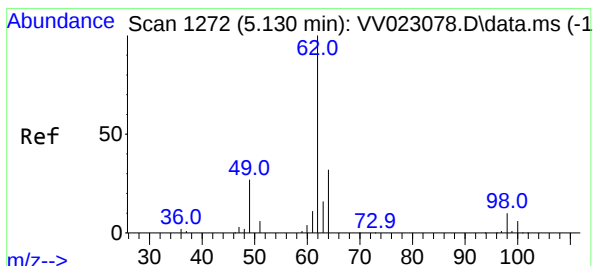
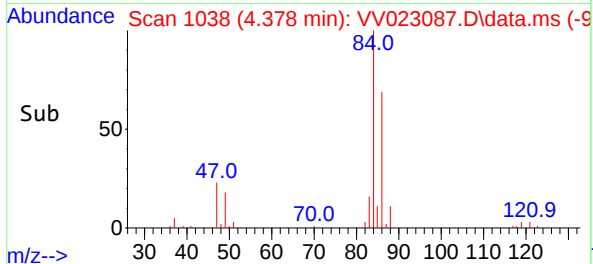
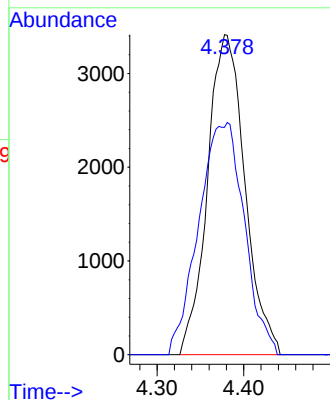
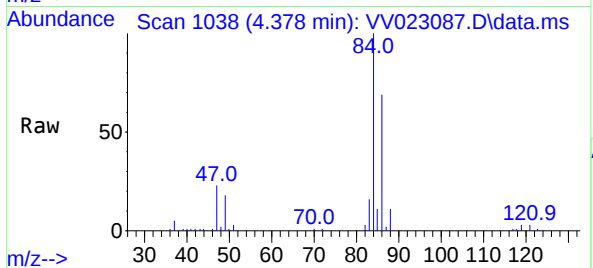
Chloroform
Concen: 2.635 ug/L
RT: 4.378 min Scan# 1038
Delta R.T. 0.003 min
Lab File: VV023087.D
Acq: 28 Oct 2021 20:29

Tgt Ion: 83 Resp: 10231
Ion Ratio Lower Upper
83 100
85 71.1 44.4 82.4

Instrument :
MSVOA_V
ClientSampleId :
MDL02

Manual Integrations
APPROVED

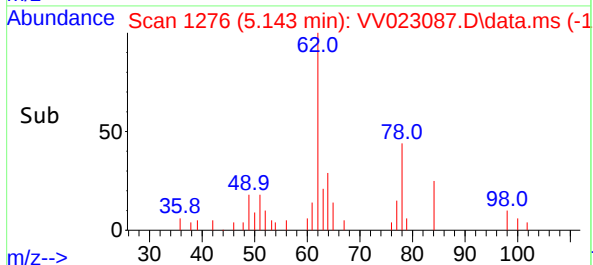
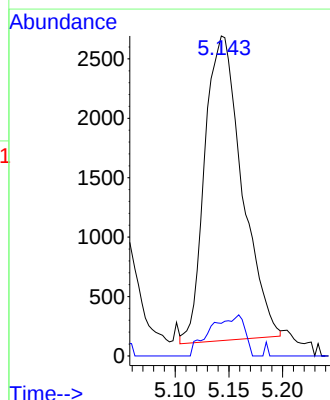
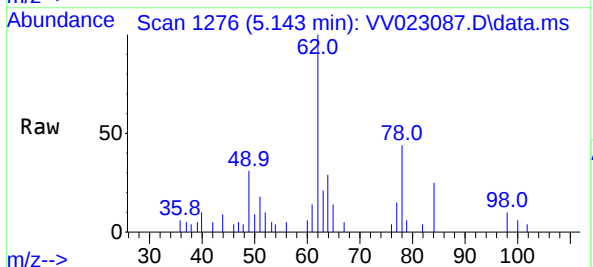
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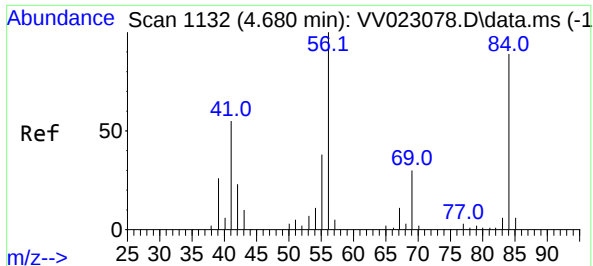


#27

1,2-Dichloroethane
Concen: 2.122 ug/L
RT: 5.143 min Scan# 1276
Delta R.T. 0.013 min
Lab File: VV023087.D
Acq: 28 Oct 2021 20:29

Tgt Ion: 62 Resp: 6185
Ion Ratio Lower Upper
62 100
98 10.2 8.2 12.4





#29

Cyclohexane

Concen: 2.059 ug/L

RT: 4.683 min Scan# 1133

Delta R.T. 0.003 min

Lab File: VV023087.D

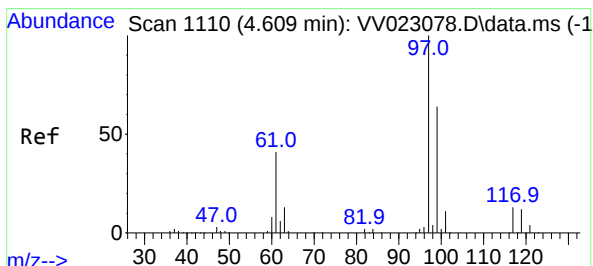
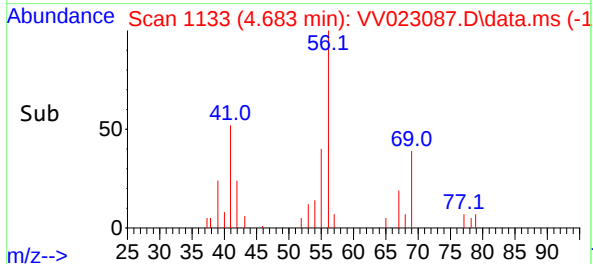
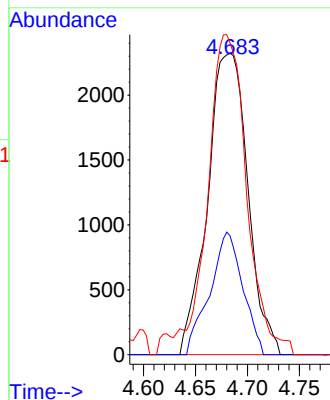
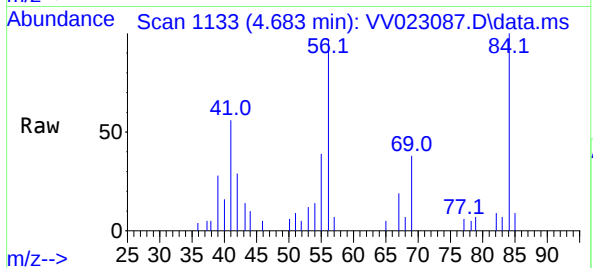
Acq: 28 Oct 2021 20:29

Tgt Ion:	56	Resp:	6264
Ion	Ratio	Lower	Upper
56	100		
69	33.3	24.6	36.8
84	89.7	72.8	109.2

Instrument :
MSVOA_V
ClientSampled :
MDL02

Manual Integrations
APPROVED

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#30

1,1,1-Trichloroethane

Concen: 2.343 ug/L

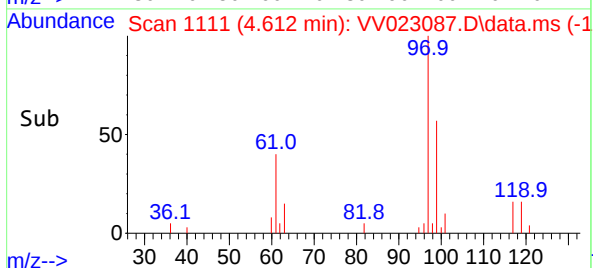
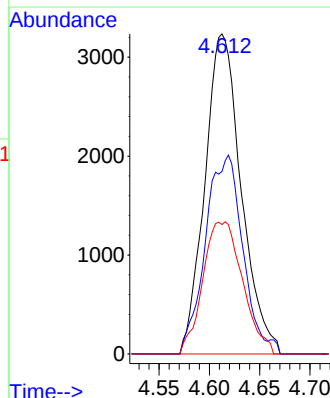
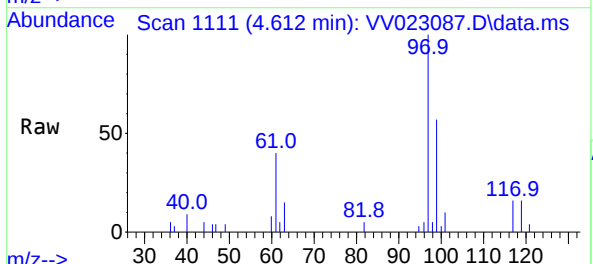
RT: 4.612 min Scan# 1111

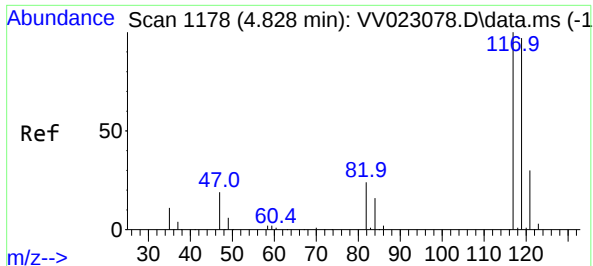
Delta R.T. 0.003 min

Lab File: VV023087.D

Acq: 28 Oct 2021 20:29

Tgt Ion:	97	Resp:	8135
Ion	Ratio	Lower	Upper
97	100		
99	26.5	51.9	77.9#
61	23.0	33.8	50.6#





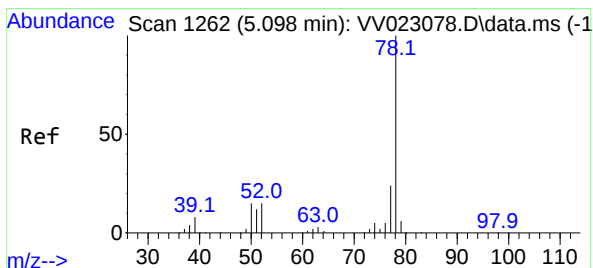
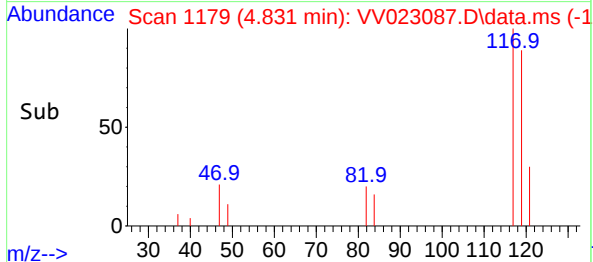
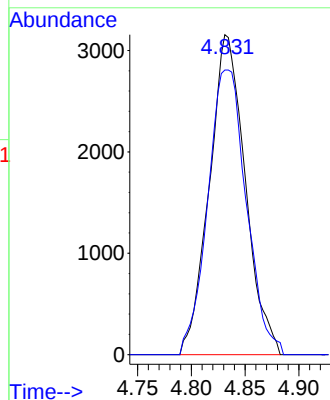
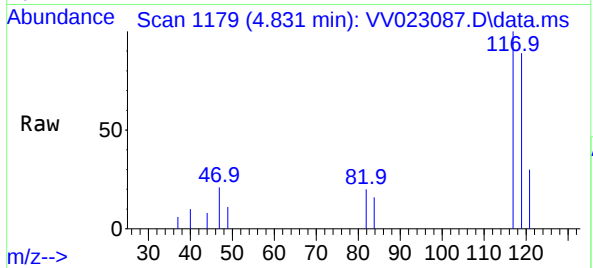
#31
Carbon tetrachloride
Concen: 2.347 ug/L
RT: 4.831 min Scan# 1179
Delta R.T. 0.003 min
Lab File: VV023087.D
Acq: 28 Oct 2021 20:29

Tgt Ion: 117 Resp: 7327
Ion Ratio Lower Upper
117 100
119 95.5 77.0 115.4

Instrument :
MSVOA_V
ClientSampled :
MDL02

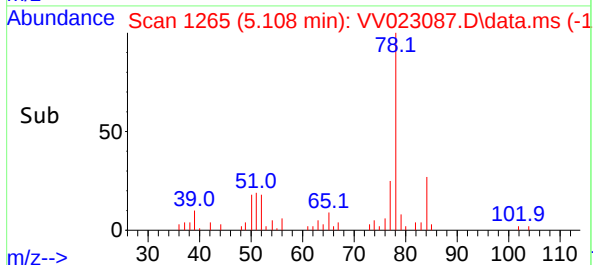
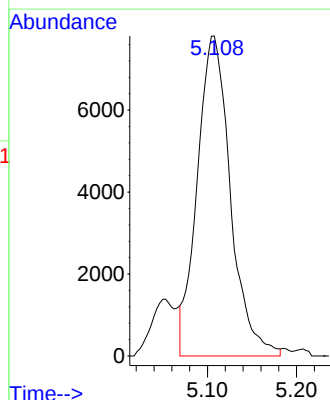
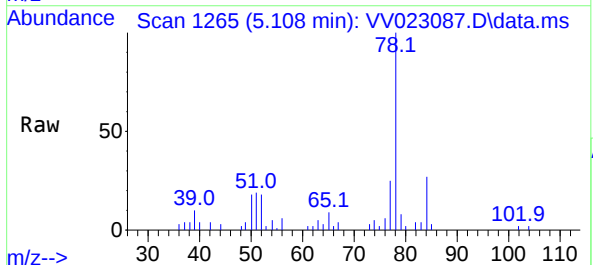
Manual Integrations
APPROVED

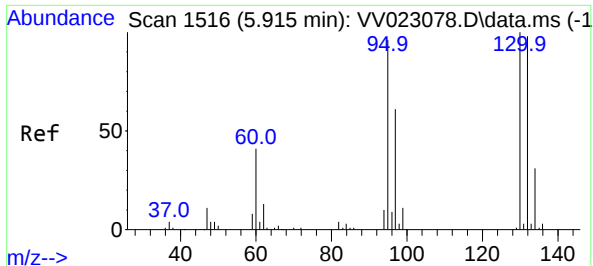
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#33
Benzene
Concen: 2.488 ug/L
RT: 5.108 min Scan# 1265
Delta R.T. 0.010 min
Lab File: VV023087.D
Acq: 28 Oct 2021 20:29

Tgt Ion: 78 Resp: 20202





#34
Trichloroethene
Concen: 2.271 ug/L m
RT: 5.921 min Scan# 1518
Delta R.T. 0.006 min
Lab File: VV023087.D
Acq: 28 Oct 2021 20:29

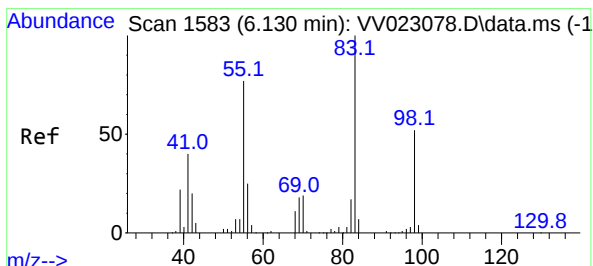
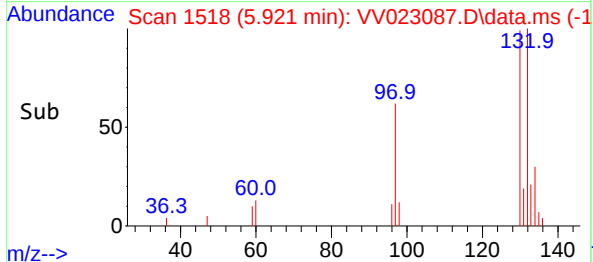
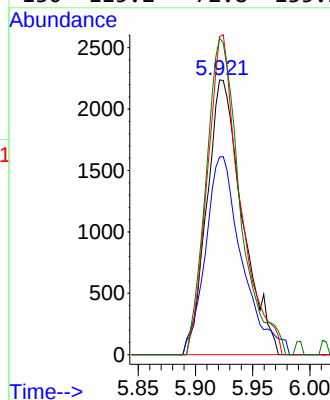
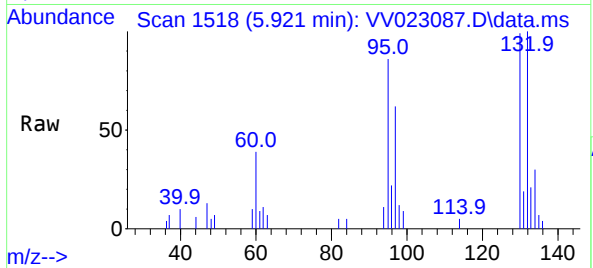
Tgt Ion: 95 Resp: 4818

Ion	Ratio	Lower	Upper
95	100		
97	71.9	44.4	82.5
132	115.8	71.5	132.9
130	115.2	72.8	135.2

Instrument :
MSVOA_V
ClientSampled :
MDL02

Manual Integrations
APPROVED

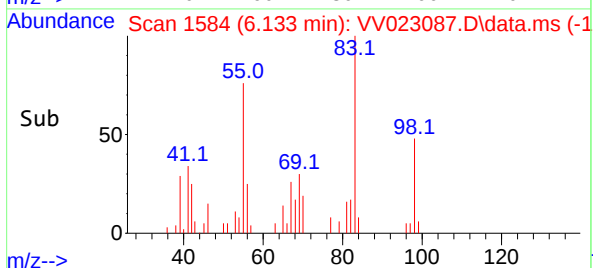
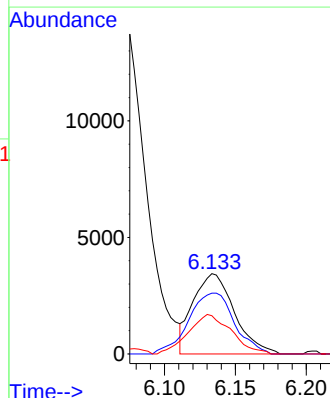
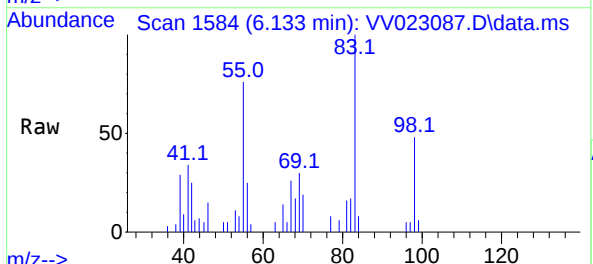
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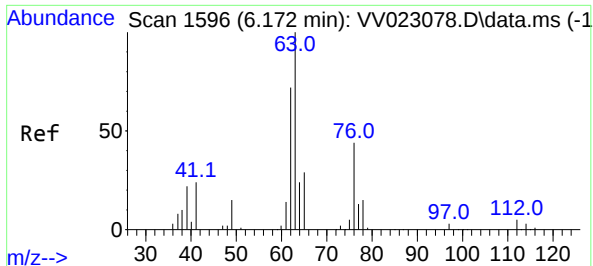


#35
Methylcyclohexane
Concen: 2.112 ug/L
RT: 6.133 min Scan# 1584
Delta R.T. 0.003 min
Lab File: VV023087.D
Acq: 28 Oct 2021 20:29

Tgt Ion: 83 Resp: 6981

Ion	Ratio	Lower	Upper
83	100		
55	83.9	60.1	90.1
98	51.3	41.2	61.8





#37

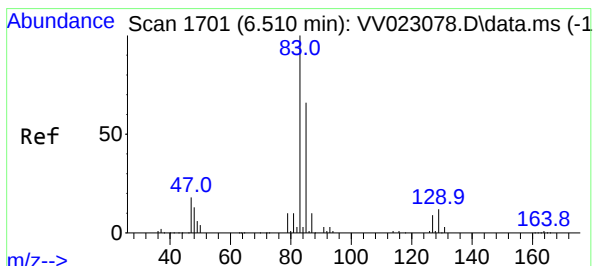
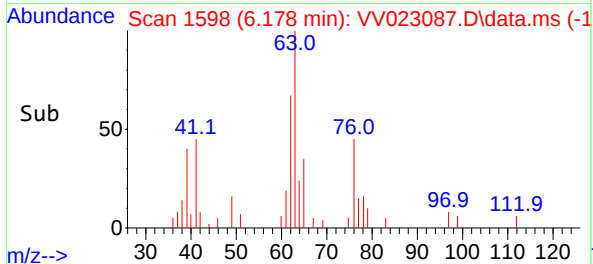
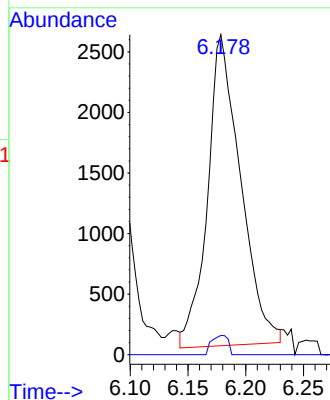
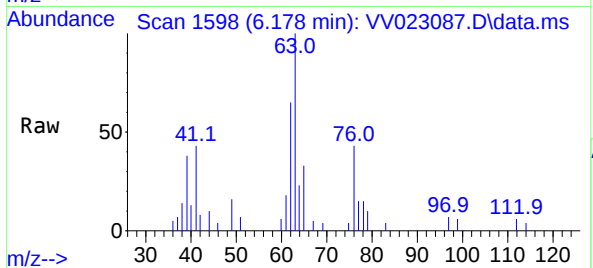
1,2-Dichloropropane
Concen: 2.394 ug/L
RT: 6.178 min Scan# 1598
Delta R.T. 0.006 min
Lab File: VV023087.D
Acq: 28 Oct 2021 20:29

Tgt Ion: 63 Resp: 5108
Ion Ratio Lower Upper
63 100
112 3.1 3.8 5.8#

Instrument :
MSVOA_V
ClientSampled :
MDL02

Manual Integrations
APPROVED

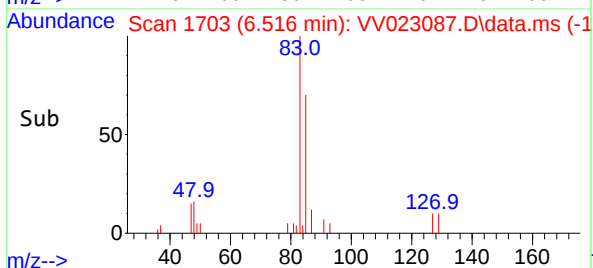
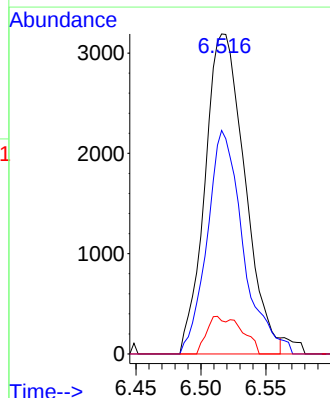
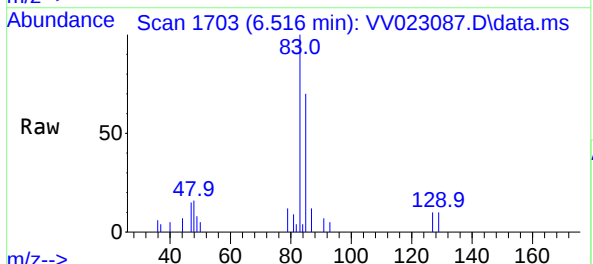
SAM
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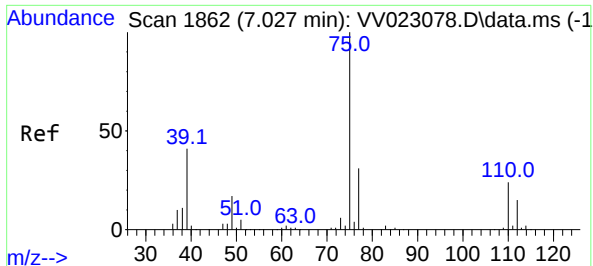


#38

Bromodichloromethane
Concen: 2.356 ug/L
RT: 6.516 min Scan# 1703
Delta R.T. 0.006 min
Lab File: VV023087.D
Acq: 28 Oct 2021 20:29

Tgt Ion: 83 Resp: 6802
Ion Ratio Lower Upper
83 100
85 69.9 46.1 85.5
127 10.3 7.4 11.0





#39

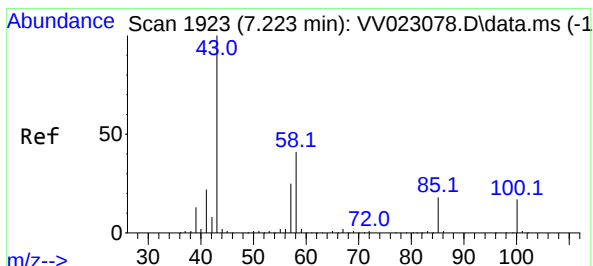
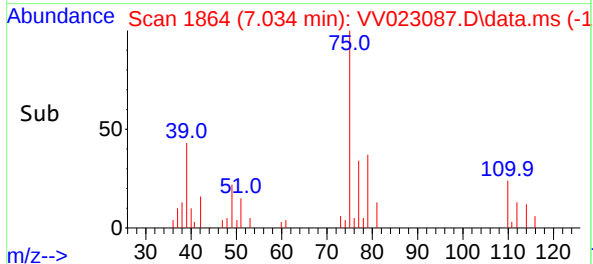
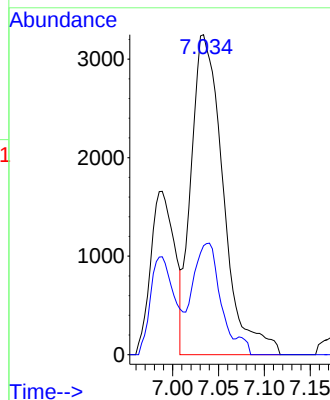
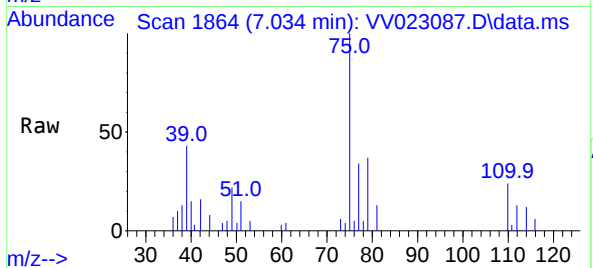
cis-1,3-Dichloropropene
Concen: 2.443 ug/L
RT: 7.034 min Scan# 1864
Delta R.T. 0.006 min
Lab File: VV023087.D
Acq: 28 Oct 2021 20:29

Tgt Ion: 75 Resp: 7904
Ion Ratio Lower Upper
75 100
77 34.1 21.8 40.6

Instrument :
MSVOA_V
ClientSampleId :
MDL02

Manual Integrations
APPROVED

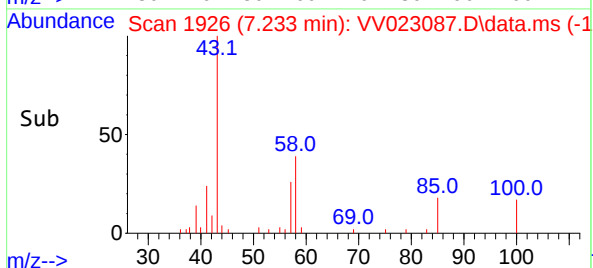
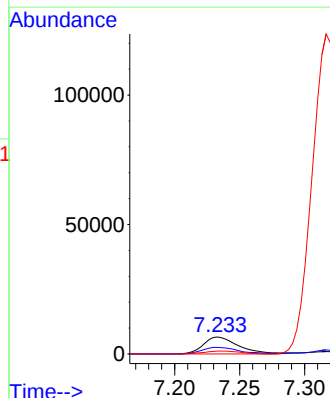
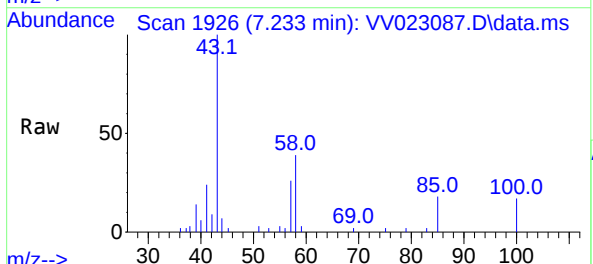
SAM
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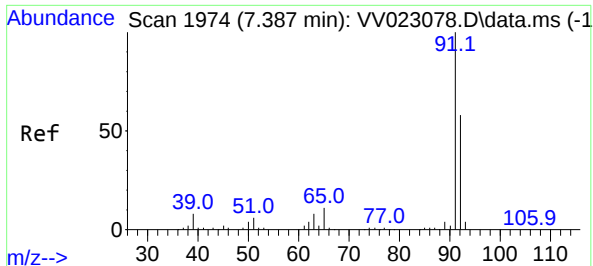


#40

4-Methyl-2-pentanone
Concen: 4.449 ug/L
RT: 7.233 min Scan# 1926
Delta R.T. 0.010 min
Lab File: VV023087.D
Acq: 28 Oct 2021 20:29

Tgt Ion: 43 Resp: 12243
Ion Ratio Lower Upper
43 100
58 41.2 32.4 48.6
100 17.7 13.4 20.2





#42

Toluene

Concen: 2.828 ug/L

RT: 7.394 min Scan# 1976

Delta R.T. 0.006 min

Lab File: VV023087.D

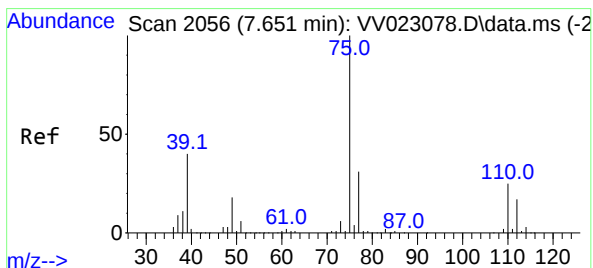
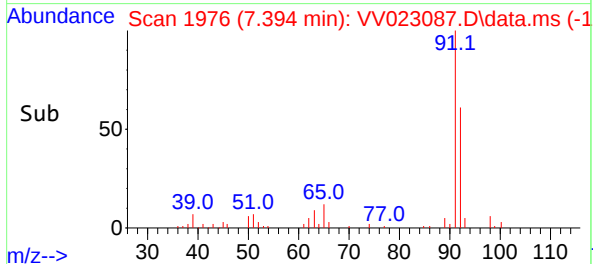
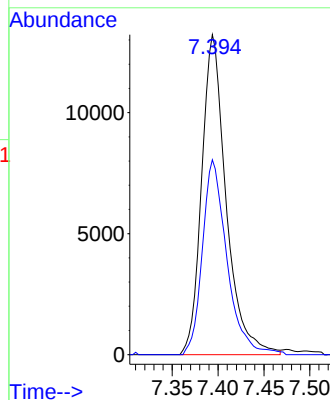
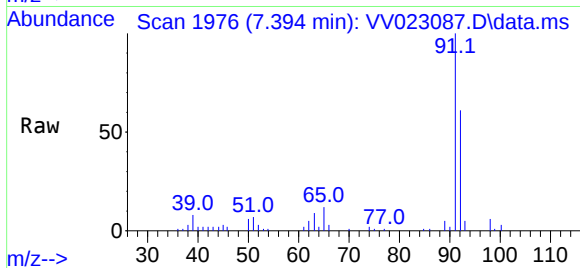
Acq: 28 Oct 2021 20:29

Tgt Ion: 91 Resp: 24569

Ion Ratio Lower Upper

91 100

92 60.9 40.6 75.4



#44

trans-1,3-Dichloropropene

Concen: 2.267 ug/L

RT: 7.661 min Scan# 2059

Delta R.T. 0.010 min

Lab File: VV023087.D

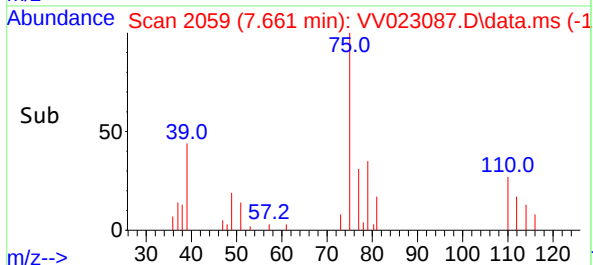
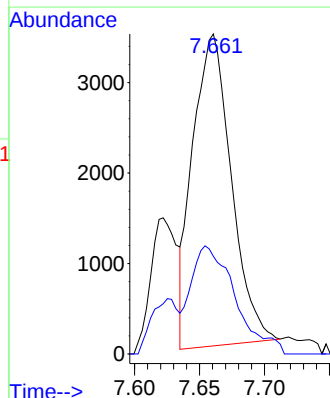
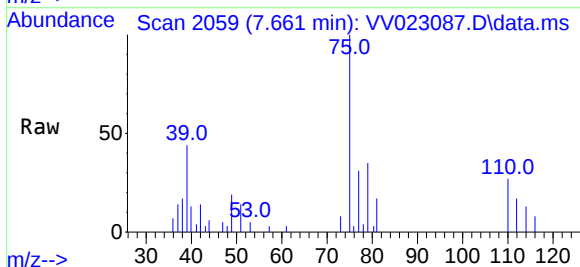
Acq: 28 Oct 2021 20:29

Tgt Ion: 75 Resp: 7112

Ion Ratio Lower Upper

75 100

77 30.6 21.4 39.8



Instrument :

MSVOA_V

ClientSampleId :

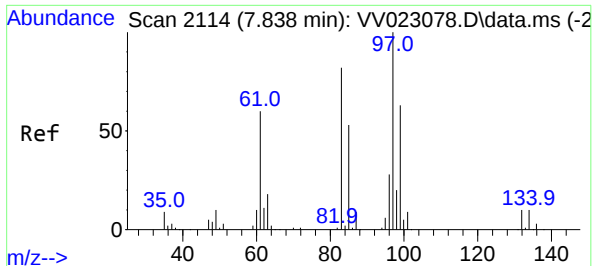
MDL02

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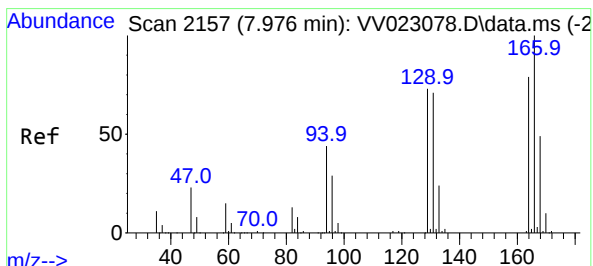
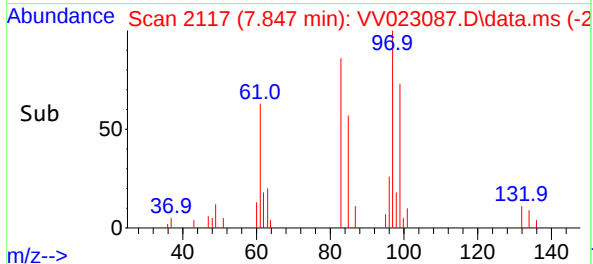
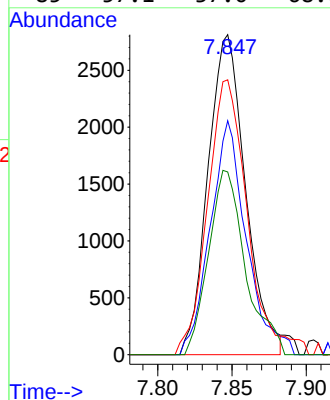
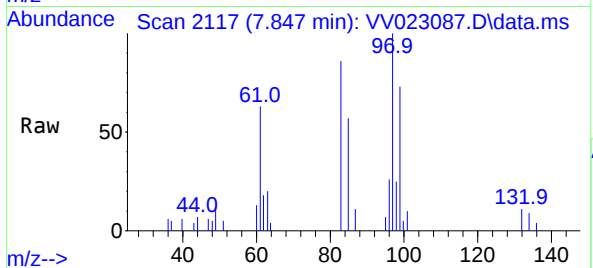
#45
1,1,2-Trichloroethane
Concen: 2.272 ug/L
RT: 7.847 min Scan# 2117
Delta R.T. 0.010 min
Lab File: VV023087.D
Acq: 28 Oct 2021 20:29

Tgt Ion: 97	Resp: 4950
Ion Ratio	Lower Upper
97 100	
99 73.1	44.2 82.2
83 85.9	57.7 107.1
85 57.1	37.0 68.6

Instrument :
MSVOA_V
ClientSampleId :
MDL02

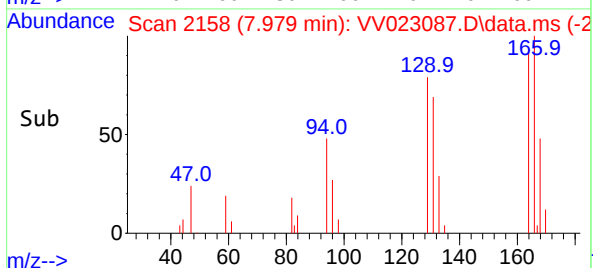
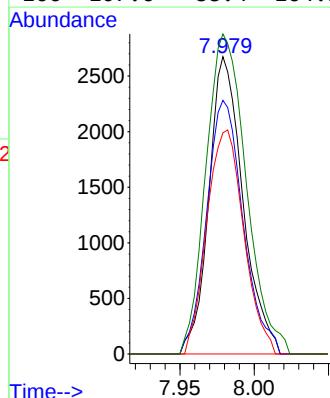
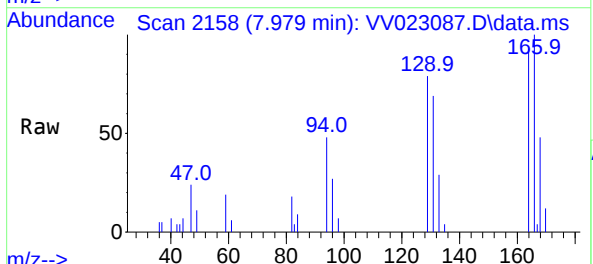
Manual Integrations
APPROVED

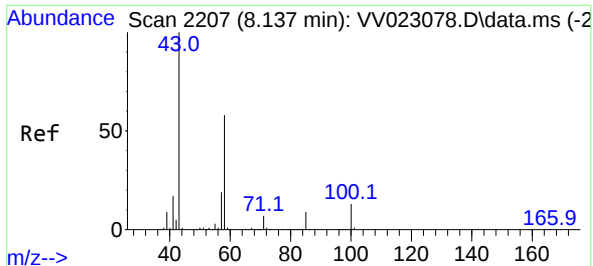
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#46
Tetrachloroethene
Concen: 2.328 ug/L
RT: 7.979 min Scan# 2158
Delta R.T. 0.003 min
Lab File: VV023087.D
Acq: 28 Oct 2021 20:29

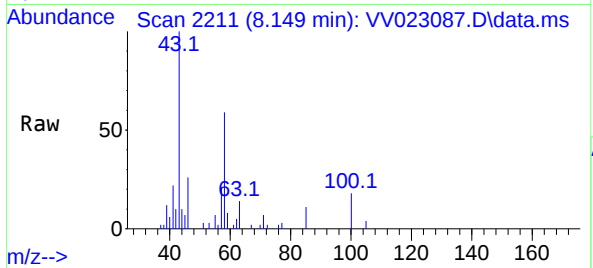
Tgt	Ion:164	Resp:	4258
Ion	Ratio	Lower	Upper
164	100		
129	85.3	64.6	120.0
131	74.4	62.9	116.7
166	107.6	88.4	164.2





#48
2-Hexanone
Concen: 5.298 ug/L
RT: 8.149 min Scan# 2211
Delta R.T. 0.013 min
Lab File: VV023087.D
Acq: 28 Oct 2021 20:29

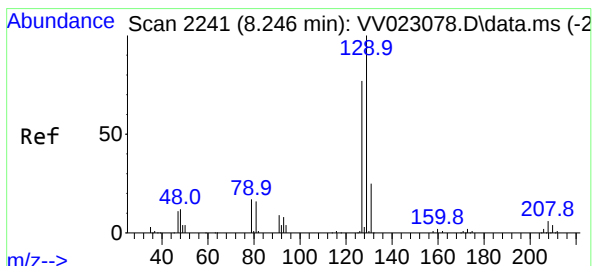
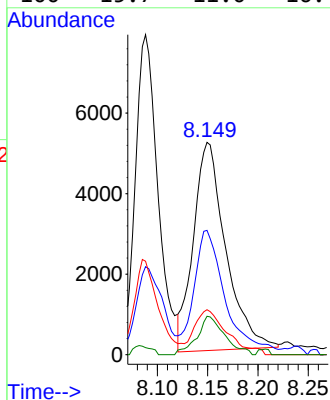
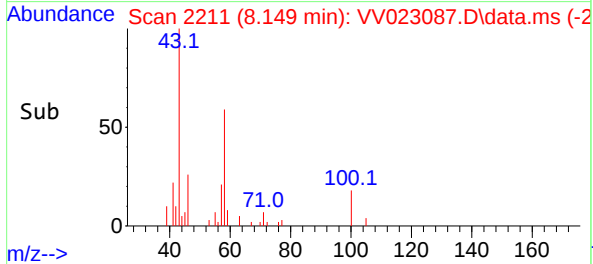
Instrument :
MSVOA_V
ClientSampled :
MDL02



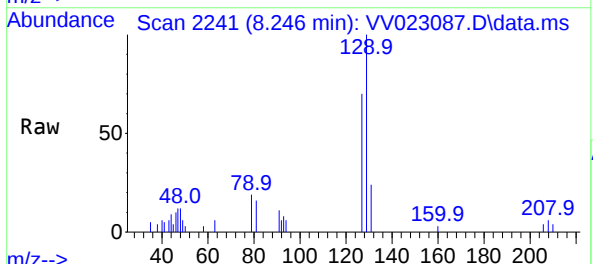
Tgt Ion: 43 Resp: 11576
Ion Ratio Lower Upper
43 100
58 58.5 45.6 68.4
57 21.8 15.4 23.0
100 15.7 11.0 16.4

Manual Integrations
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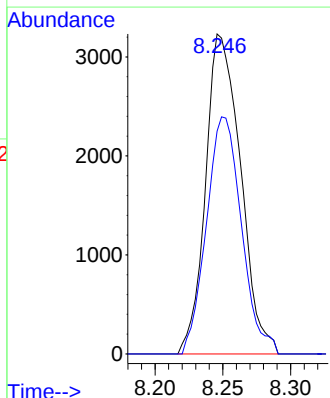
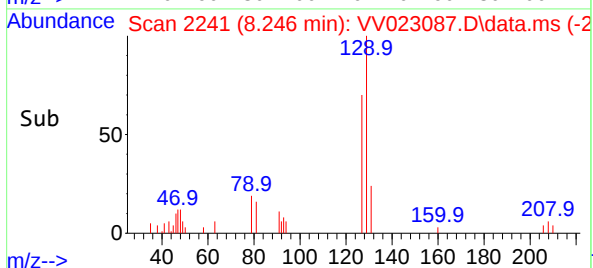
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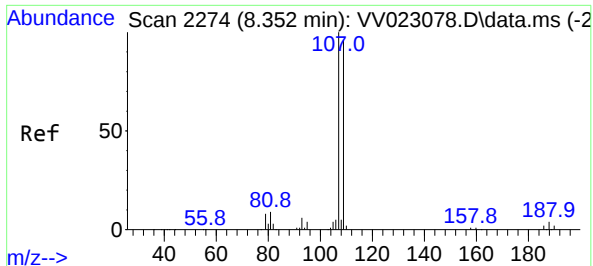


#49
Dibromochloromethane
Concen: 2.332 ug/L
RT: 8.246 min Scan# 2241
Delta R.T. -0.000 min
Lab File: VV023087.D
Acq: 28 Oct 2021 20:29



Tgt Ion: 129 Resp: 5804
Ion Ratio Lower Upper
129 100
127 69.6 53.9 100.1





#50

1,2-Dibromoethane

Concen: 2.464 ug/L

RT: 8.358 min Scan# 2276

Delta R.T. 0.006 min

Lab File: VV023087.D

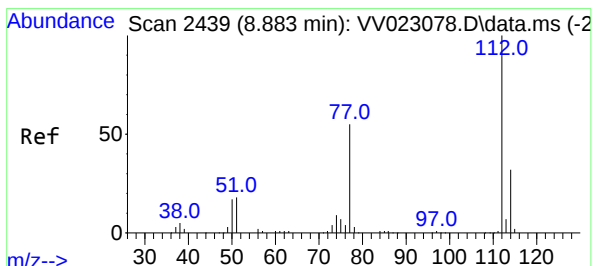
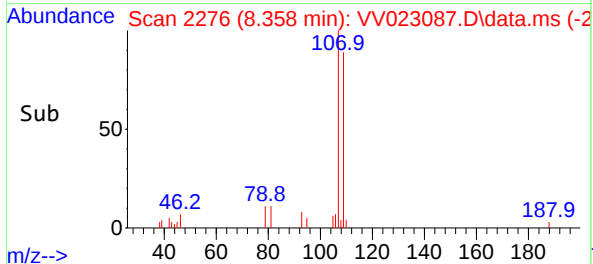
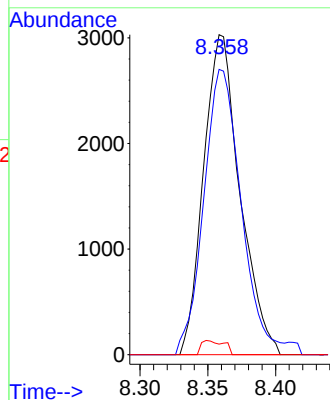
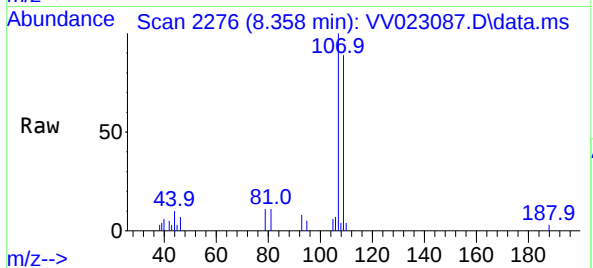
Acq: 28 Oct 2021 20:29

Tgt Ion:	107	Resp:	5655
Ion	Ratio	Lower	Upper
107	100		
109	89.1	67.3	124.9
188	3.3	3.3	4.9

Instrument :
MSVOA_V
ClientSampleId :
MDL02

Manual Integrations
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#51

Chlorobenzene

Concen: 2.336 ug/L

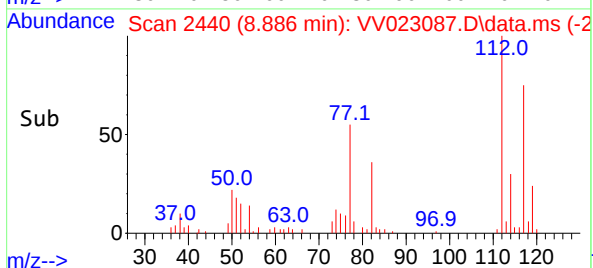
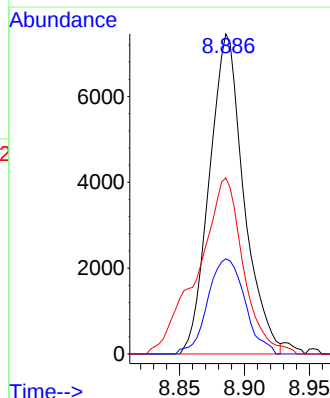
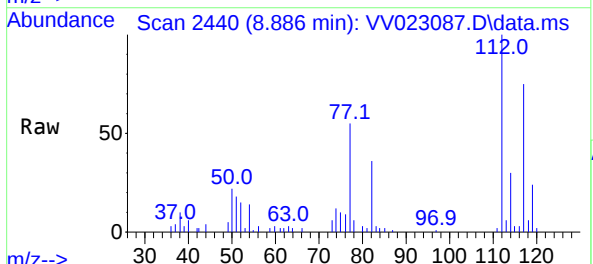
RT: 8.886 min Scan# 2440

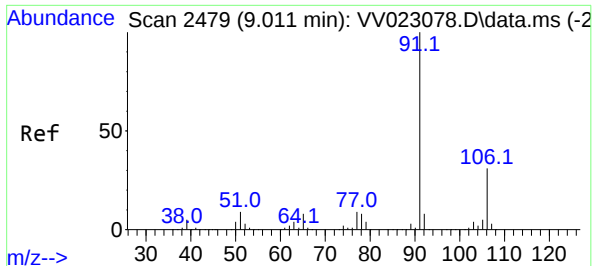
Delta R.T. 0.003 min

Lab File: VV023087.D

Acq: 28 Oct 2021 20:29

Tgt Ion:	112	Resp:	13708
Ion	Ratio	Lower	Upper
112	100		
114	29.7	22.2	41.2
77	55.0	44.6	67.0





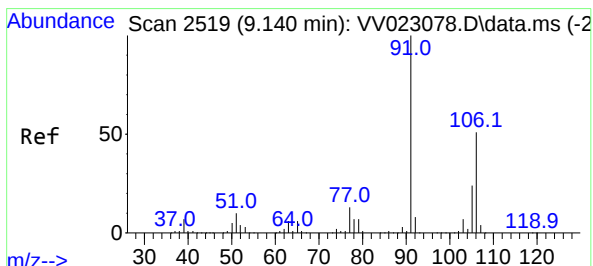
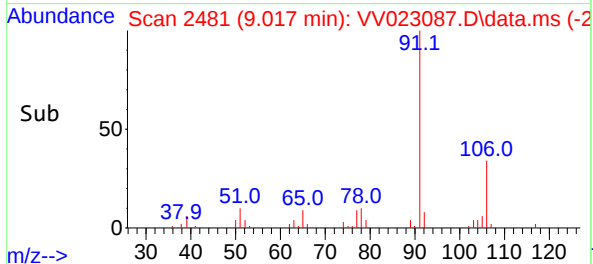
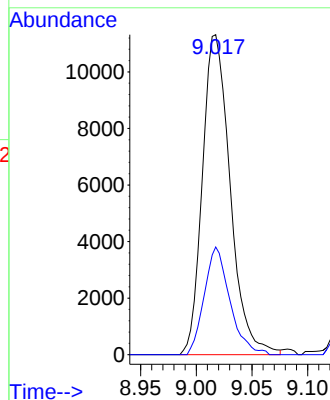
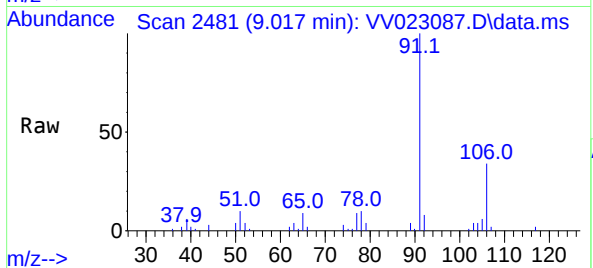
#52
Ethylbenzene
Concen: 2.127 ug/L
RT: 9.017 min Scan# 2481
Delta R.T. 0.006 min
Lab File: VV023087.D
Acq: 28 Oct 2021 20:29

Tgt Ion: 91 Resp: 19659
Ion Ratio Lower Upper
91 100
106 33.7 21.8 40.4

Instrument :
MSVOA_V
ClientSampleId :
MDL02

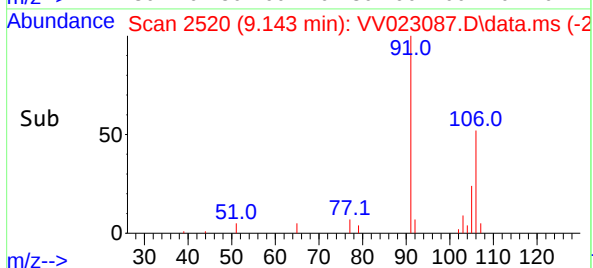
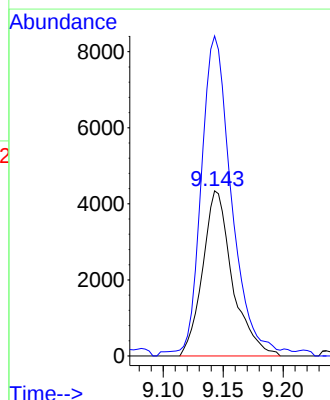
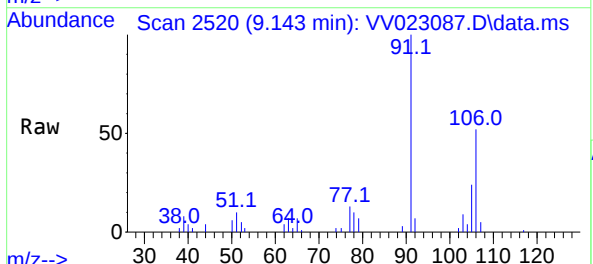
Manual Integrations
APPROVED

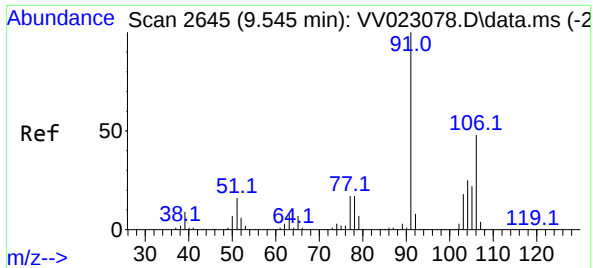
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#53
m,p-Xylene
Concen: 2.107 ug/L
RT: 9.143 min Scan# 2520
Delta R.T. 0.003 min
Lab File: VV023087.D
Acq: 28 Oct 2021 20:29

Tgt Ion: 106 Resp: 7508
Ion Ratio Lower Upper
106 100
91 193.7 137.3 254.9





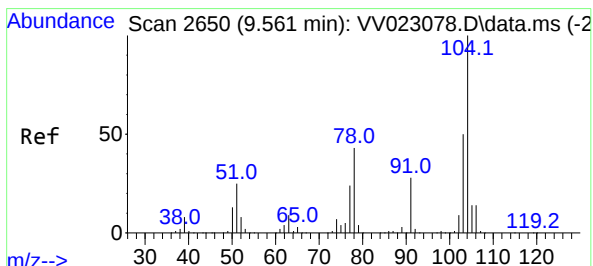
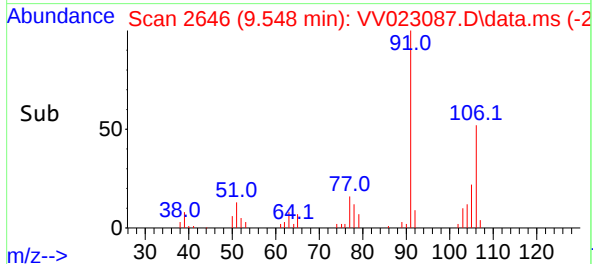
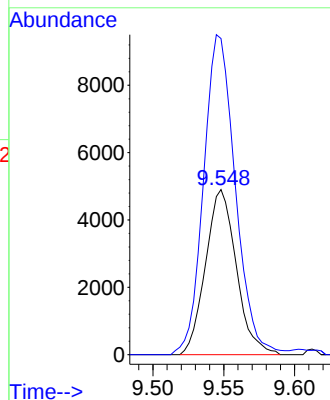
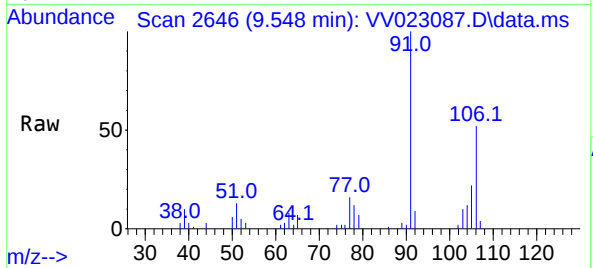
#54
o-Xylene
Concen: 2.136 ug/L
RT: 9.548 min Scan# 2646
Delta R.T. 0.003 min
Lab File: VV023087.D
Acq: 28 Oct 2021 20:29

Instrument :
MSVOA_V
ClientSampled :
MDL02

Tgt Ion:106 Resp: 7410
Ion Ratio Lower Upper
106 100
91 191.5 145.0 269.4

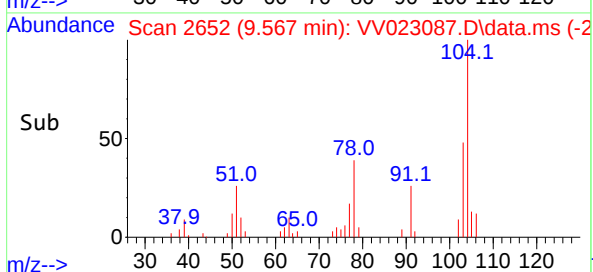
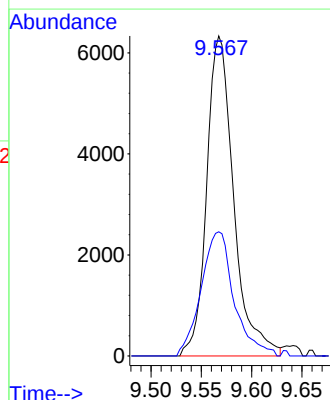
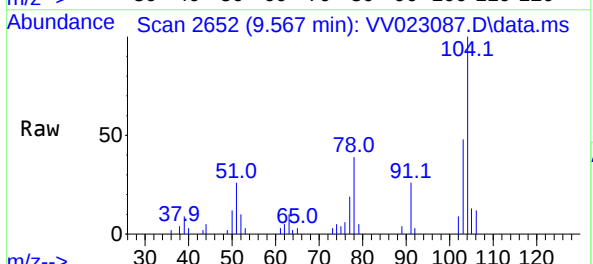
Manual Integrations
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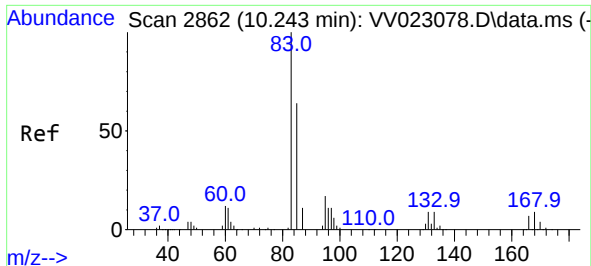
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#55
Styrene
Concen: 1.964 ug/L
RT: 9.567 min Scan# 2652
Delta R.T. 0.006 min
Lab File: VV023087.D
Acq: 28 Oct 2021 20:29

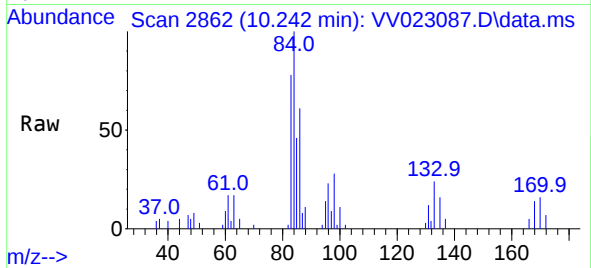
Tgt Ion:104 Resp: 11842
Ion Ratio Lower Upper
104 100
78 38.8 29.8 55.4





#57
1,1,2,2-Tetrachloroethane
Concen: 2.608 ug/L
RT: 10.242 min Scan# 2862
Delta R.T. -0.000 min
Lab File: VV023087.D
Acq: 28 Oct 2021 20:29

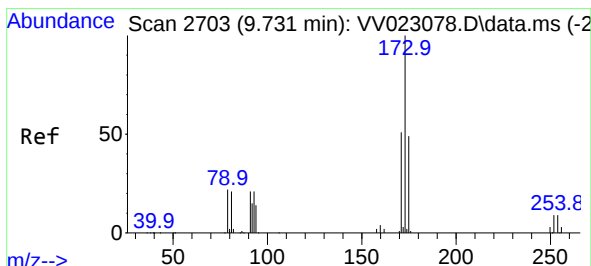
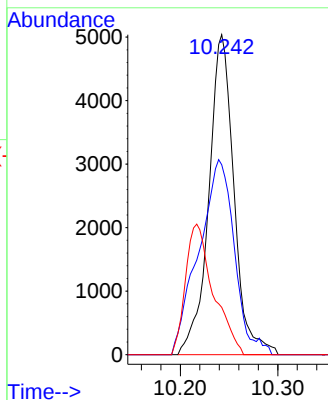
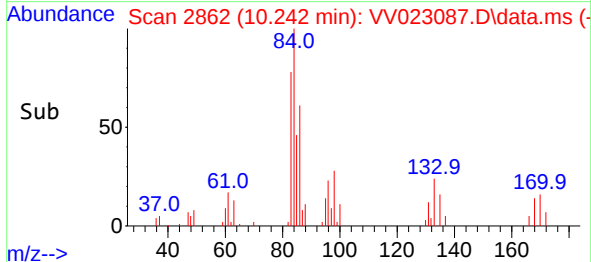
Instrument :
MSVOA_V
ClientSampleId :
MDL02



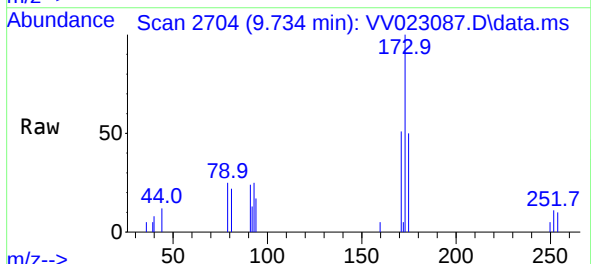
Tgt Ion: 83 Resp: 9059
Ion Ratio Lower Upper
83 100
85 59.4 44.7 83.1
131 14.8 7.8 11.8#

Manual Integrations
APPROVED

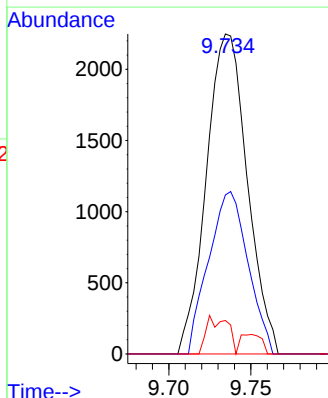
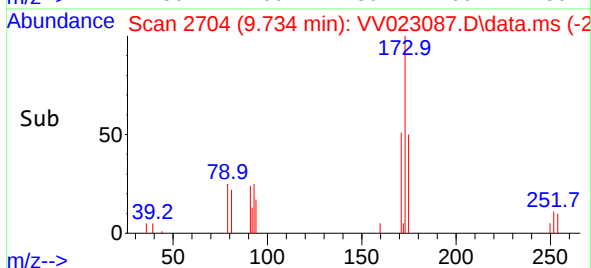
SAM
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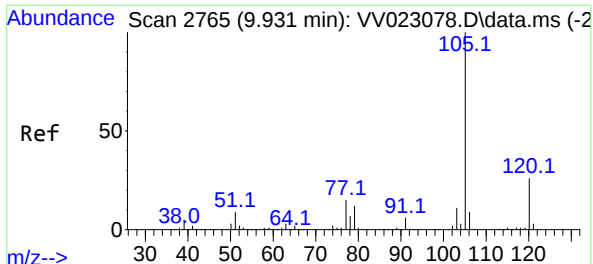


#59
Bromoform
Concen: 2.360 ug/L
RT: 9.734 min Scan# 2704
Delta R.T. 0.003 min
Lab File: VV023087.D
Acq: 28 Oct 2021 20:29



Tgt Ion: 173 Resp: 3890
Ion Ratio Lower Upper
173 100
175 48.9 39.3 58.9
254 3.3 7.2 10.8#





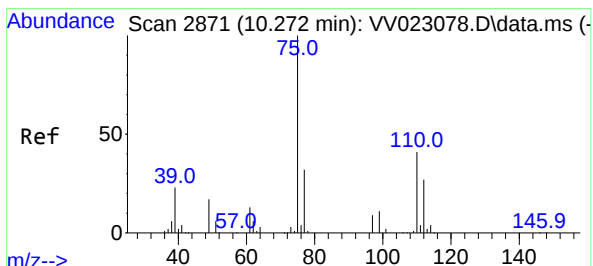
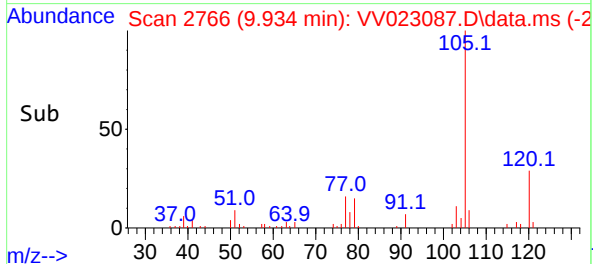
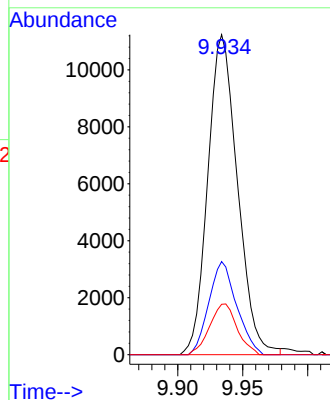
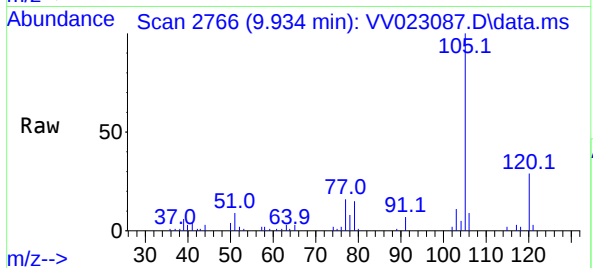
#60
Isopropylbenzene
Concen: 2.145 ug/L
RT: 9.934 min Scan# 2766
Delta R.T. 0.003 min
Lab File: VV023087.D
Acq: 28 Oct 2021 20:29

Tgt Ion:	105	Resp:	17854
Ion	Ratio	Lower	Upper
105	100		
120	27.2	21.0	31.6
77	14.7	12.2	18.2

Instrument :
MSVOA_V
ClientSampleId :
MDL02

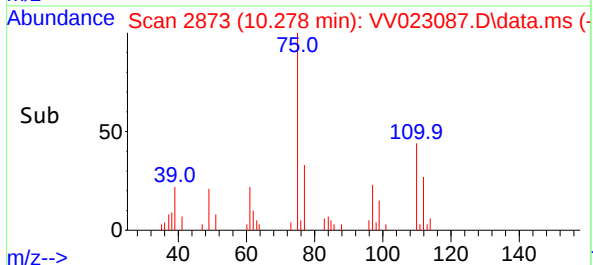
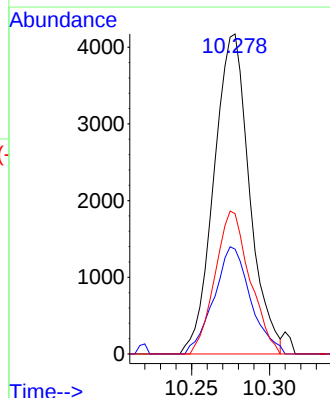
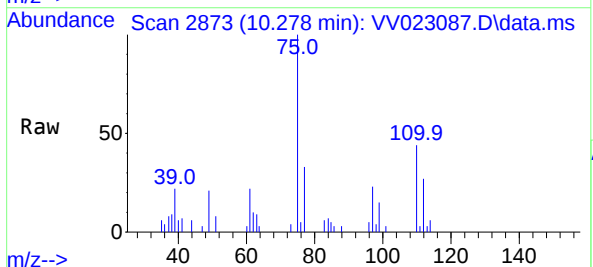
Manual Integrations
APPROVED

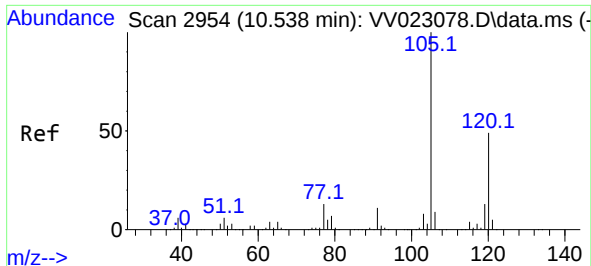
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#61
1,2,3-Trichloropropane
Concen: 2.710 ug/L
RT: 10.278 min Scan# 2873
Delta R.T. 0.006 min
Lab File: VV023087.D
Acq: 28 Oct 2021 20:29

Tgt Ion:	75	Resp:	6619
Ion	Ratio	Lower	Upper
75	100		
77	34.7	25.6	38.4
110	43.8	33.1	49.7





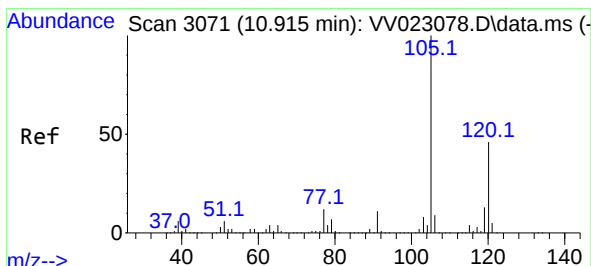
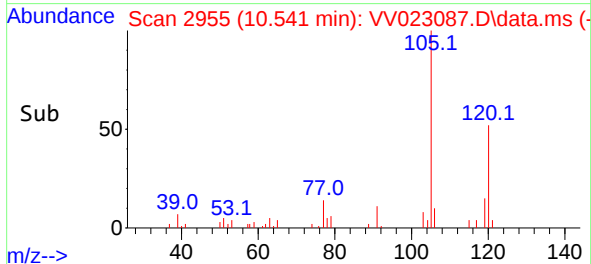
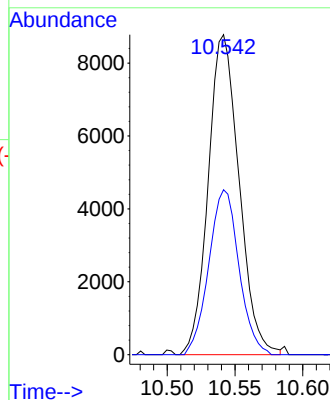
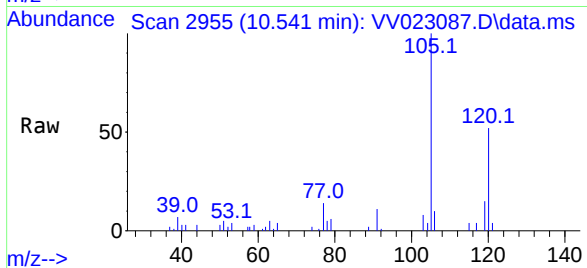
#62
1,3,5-Trimethylbenzene
Concen: 2.026 ug/L
RT: 10.541 min Scan# 2955
Delta R.T. 0.003 min
Lab File: VV023087.D
Acq: 28 Oct 2021 20:29

Tgt Ion:105 Resp: 13894
Ion Ratio Lower Upper
105 100
120 50.4 39.6 59.4

Instrument :
MSVOA_V
ClientSampled :
MDL02

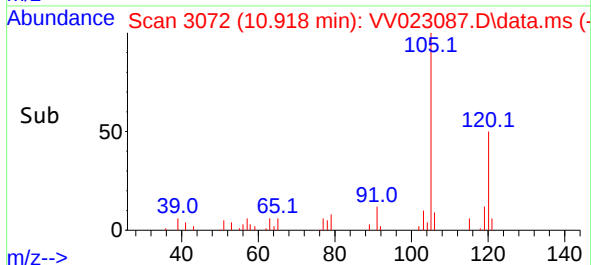
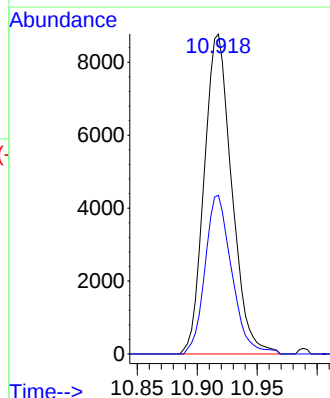
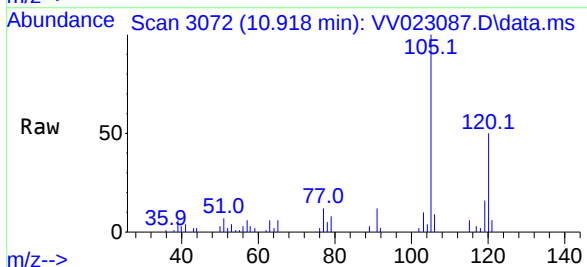
Manual Integrations
APPROVED

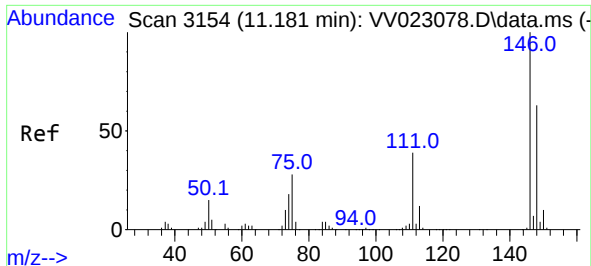
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#63
1,2,4-Trimethylbenzene
Concen: 2.037 ug/L
RT: 10.918 min Scan# 3072
Delta R.T. 0.003 min
Lab File: VV023087.D
Acq: 28 Oct 2021 20:29

Tgt Ion:105 Resp: 14022
Ion Ratio Lower Upper
105 100
120 48.0 37.1 55.7





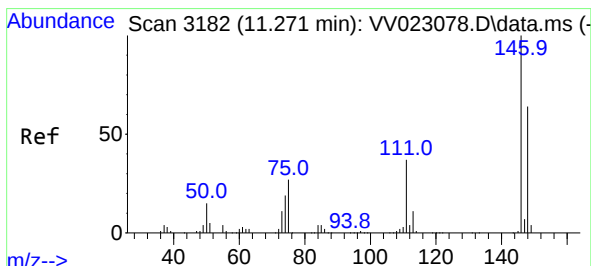
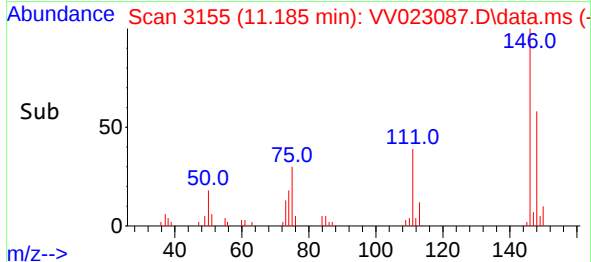
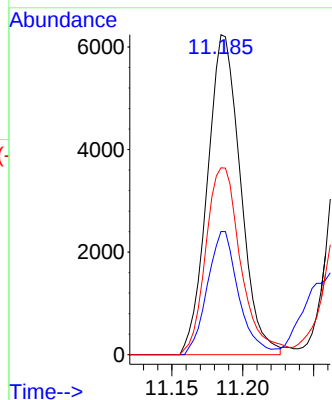
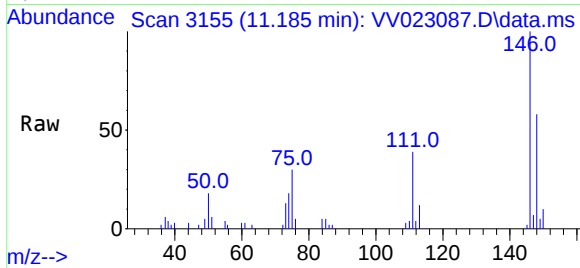
#64
1,3-Dichlorobenzene
Concen: 2.414 ug/L
RT: 11.185 min Scan# 3155
Delta R.T. 0.003 min
Lab File: VV023087.D
Acq: 28 Oct 2021 20:29

Tgt Ion:	146	Resp:	10160
Ion Ratio	Lower	Upper	
146	100		
111	38.5	27.3	50.7
148	58.4	44.2	82.0

Instrument :
MSVOA_V
ClientSampled :
MDL02

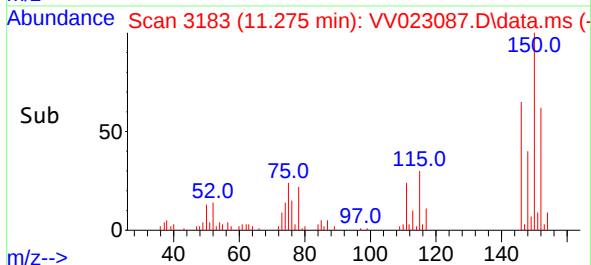
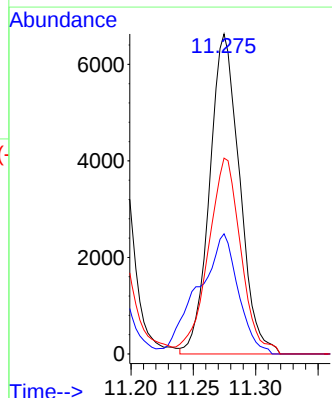
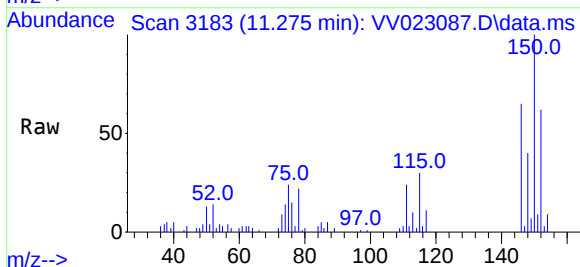
Manual Integrations
APPROVED

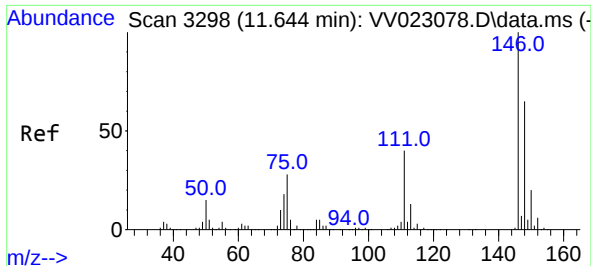
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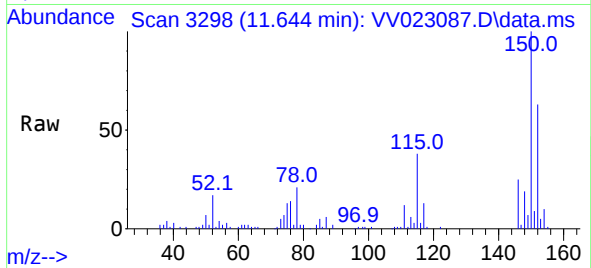
#65
1,4-Dichlorobenzene
Concen: 2.527 ug/L
RT: 11.275 min Scan# 3183
Delta R.T. 0.003 min
Lab File: VV023087.D
Acq: 28 Oct 2021 20:29

Tgt Ion:	146	Resp:	11075
Ion Ratio	Lower	Upper	
146	100		
111	37.5	26.0	48.2
148	61.2	44.7	82.9

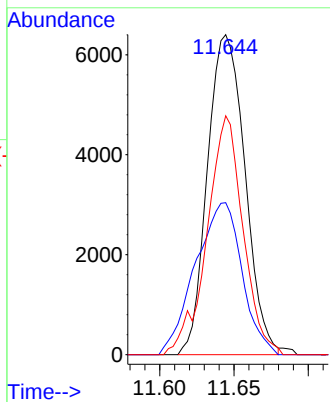
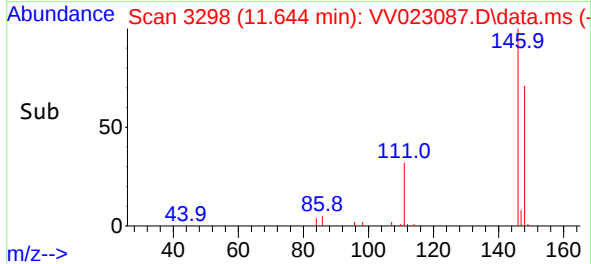




#67
1,2-Dichlorobenzene
Concen: 2.644 ug/L
RT: 11.644 min Scan# 3298
Delta R.T. -0.000 min
Lab File: VV023087.D
Acq: 28 Oct 2021 20:29



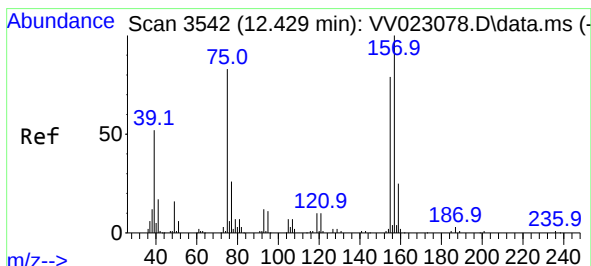
Tgt Ion:146 Resp: 11253
Ion Ratio Lower Upper
146 100
111 47.5 32.2 48.2
148 74.7 51.8 77.8



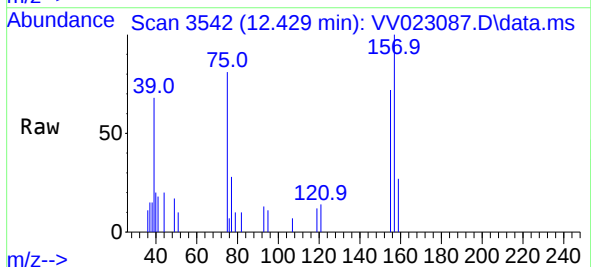
Instrument :
MSVOA_V
ClientSampled :
MDL02

Manual Integrations
APPROVED

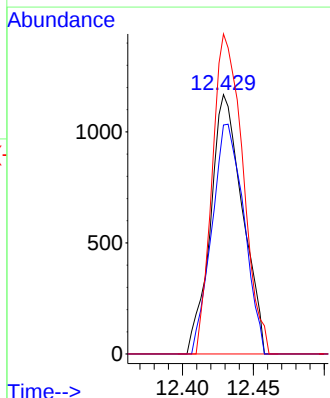
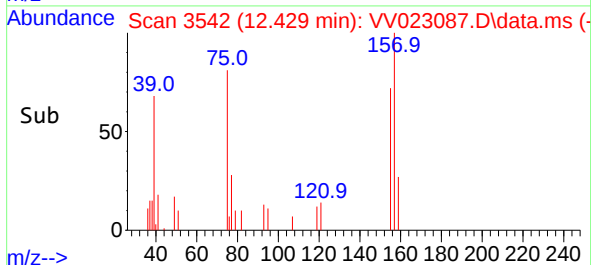
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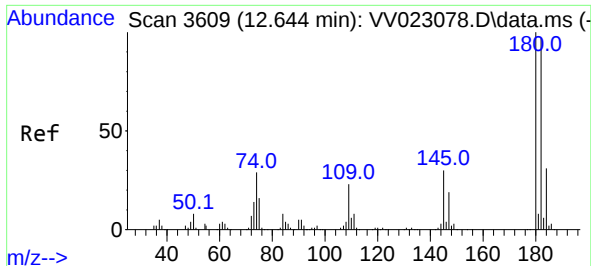


#68
1,2-Dibromo-3-chloropropane
Concen: 2.698 ug/L
RT: 12.429 min Scan# 3542
Delta R.T. -0.000 min
Lab File: VV023087.D
Acq: 28 Oct 2021 20:29



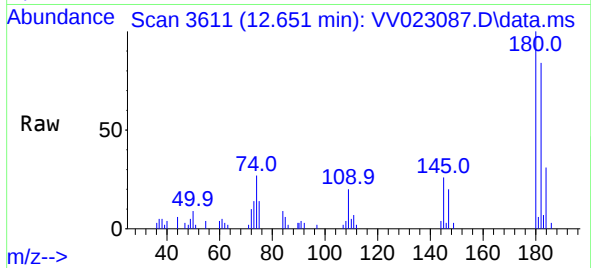
Tgt Ion: 75 Resp: 1839
Ion Ratio Lower Upper
75 100
155 88.3 75.7 113.5
157 123.4 96.4 144.6





#69
1,3,5-Trichlorobenzene
Concen: 2.433 ug/L
RT: 12.651 min Scan# 3611
Delta R.T. 0.006 min
Lab File: VV023087.D
Acq: 28 Oct 2021 20:29

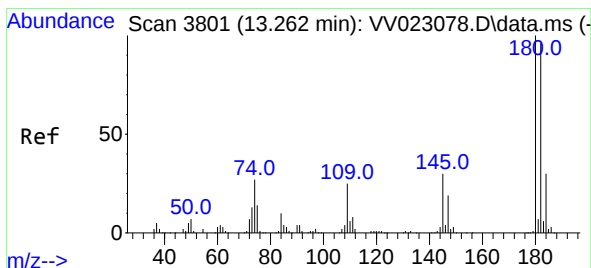
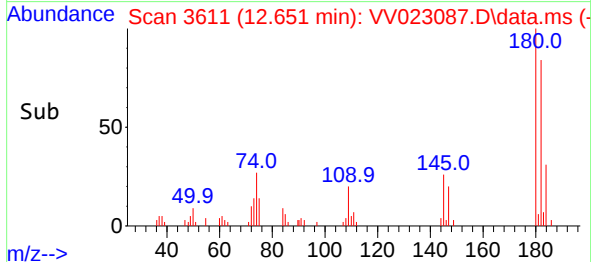
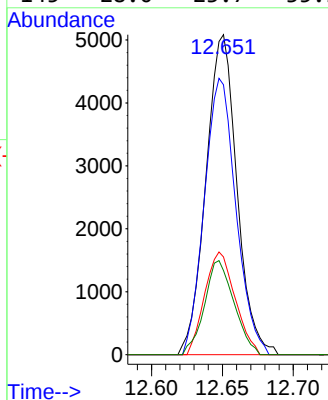
Instrument :
MSVOA_V
ClientSampled :
MDL02



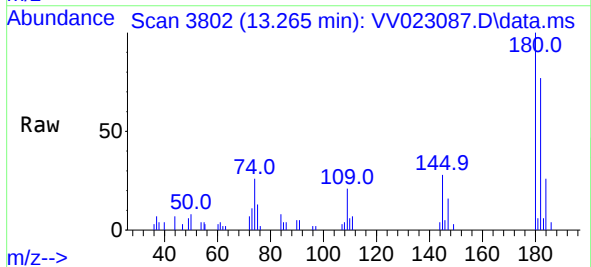
Tgt Ion:180 Resp: 7744
Ion Ratio Lower Upper
180 100
182 87.7 76.6 115.0
184 31.4 24.6 36.8
145 28.0 23.7 35.5

Manual Integrations
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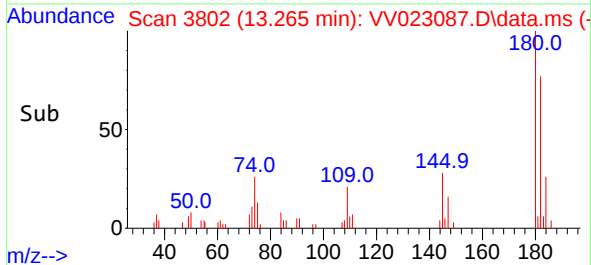
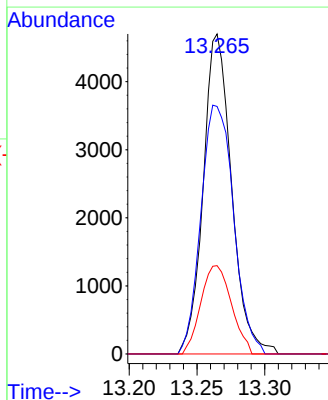
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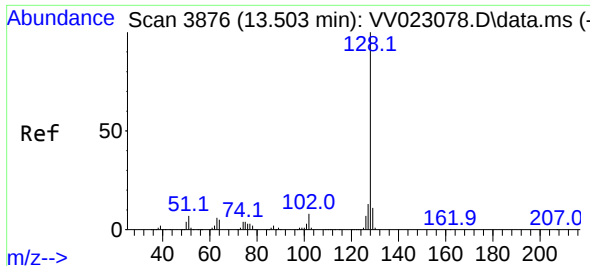


#70
1,2,4-trichlorobenzene
Concen: 2.484 ug/L
RT: 13.265 min Scan# 3802
Delta R.T. 0.003 min
Lab File: VV023087.D
Acq: 28 Oct 2021 20:29



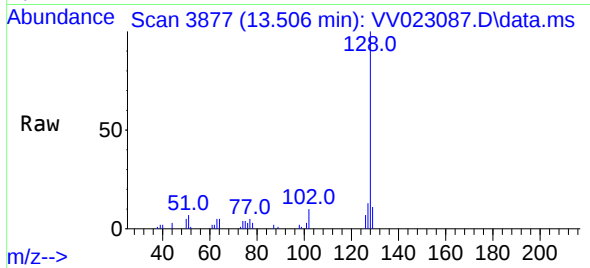
Tgt Ion:180 Resp: 6853
Ion Ratio Lower Upper
180 100
182 89.2 77.2 115.8
145 29.8 23.8 35.6





#71
Naphthalene
Concen: 2.267 ug/L
RT: 13.506 min Scan# 3877
Delta R.T. 0.003 min
Lab File: VV023087.D
Acq: 28 Oct 2021 20:29

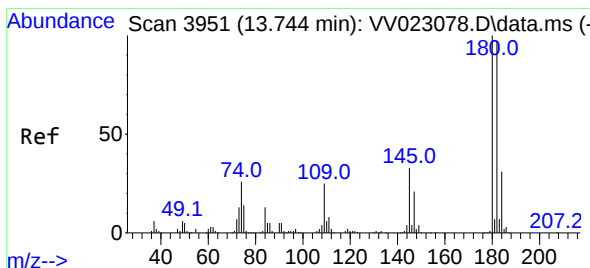
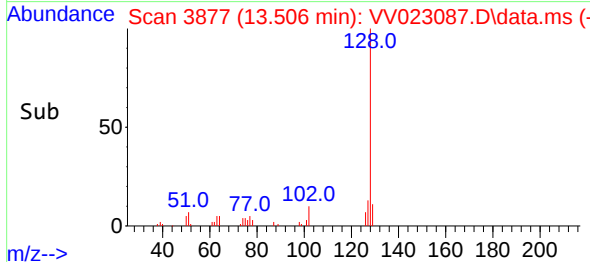
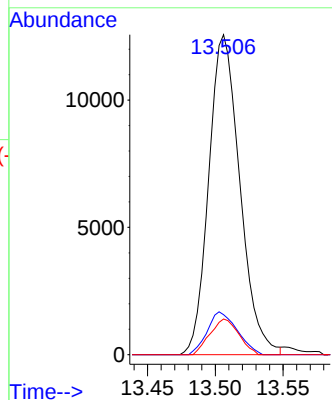
Instrument :
MSVOA_V
ClientSampled :
MDL02



Tgt Ion:128 Resp: 20082
Ion Ratio Lower Upper
128 100
127 12.9 10.3 15.5
129 10.3 8.7 13.1

Manual Integrations
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#72
1,2,3-Trichlorobenzene
Concen: 2.338 ug/L
RT: 13.747 min Scan# 3952
Delta R.T. 0.003 min
Lab File: VV023087.D
Acq: 28 Oct 2021 20:29

Tgt Ion:180 Resp: 6818
Ion Ratio Lower Upper
180 100
182 97.6 77.0 115.4
145 32.0 26.4 39.6

