

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW083121\
 Data File : VW022045.D
 Acq On : 31 Aug 2021 16:56
 Operator : SY/MD
 Sample : M3579-19MS
 Misc : 6.76g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 GB6C0MS

Manual Integrations
 APPROVED

MMDadoda
 9/1/2021 12:30:01 PM

Quant Time: Sep 01 02:46:04 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082721WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Sep 01 02:41:24 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.613	114	358566	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.857	117	352469	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.252	152	210079	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	66682	26.854	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	53.700%#
7) Chloroethane-d5	1.529	69	20124	10.378	ug/L	-0.03
Spiked Amount	50.000	Range	70 - 130	Recovery	=	20.760%#
11) 1,1-Dichloroethene-d2	2.079	63	138287	33.674	ug/L	-0.03
Spiked Amount	50.000	Range	60 - 125	Recovery	=	67.340%
21) 2-Butanone-d5	3.889	46	165555	97.216	ug/L	0.02
Spiked Amount	100.000	Range	40 - 130	Recovery	=	97.220%
24) Chloroform-d	4.346	84	175628	38.790	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	77.580%
26) 1,2-Dichloroethane-d4	5.027	65	106250	39.840	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	79.680%
32) Benzene-d6	5.044	84	324912	33.986	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	67.980%#
36) 1,2-Dichloropropane-d6	6.069	67	111825	37.194	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	74.380%
41) Toluene-d8	7.317	98	293762	32.551	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	65.100%#
43) trans-1,3-Dichloroprop...	7.625	79	51887	36.259	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	72.520%
47) 2-Hexanone-d5	8.104	63	123082	106.694	ug/L	0.02
Spiked Amount	100.000	Range	45 - 130	Recovery	=	106.690%
56) 1,1,2,2-Tetrachloroeth...	10.223	84	194056	50.397	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	100.800%
66) 1,2-Dichlorobenzene-d4	11.628	152	155710	37.703	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	75.400%#
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.121	85	104388	42.353	ug/L	99
3) Chloromethane	1.237	50	121852	46.689	ug/L	100
5) Vinyl chloride	1.307	62	124099	47.176	ug/L	99
6) Bromomethane	1.491	94	36916	23.342	ug/L	99
8) Chloroethane	1.545	64	24707	15.014	ug/L	100
9) Trichlorofluoromethane	1.693	101	180296	48.130	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.082	101	104179	47.415	ug/L	99
12) 1,1-Dichloroethene	2.085	96	97865	47.317	ug/L #	80
13) Acetone	2.175	43	121613m	85.231	ug/L	
14) Carbon disulfide	2.262	76	265817	42.593	ug/L	99
15) Methyl Acetate	2.429	43	140868	50.696	ug/L	100
16) Methylene chloride	2.491	84	134685	48.604	ug/L	99
17) trans-1,2-Dichloroethene	2.741	96	119446	47.764	ug/L	99
18) Methyl tert-butyl Ether	2.773	73	387984	48.823	ug/L	99
19) 1,1-Dichloroethane	3.175	63	215460	48.375	ug/L	99
20) cis-1,2-Dichloroethene	3.902	96	135064	48.526	ug/L	98
22) 2-Butanone	3.973	43	193607	96.529	ug/L	100
23) Bromochloromethane	4.240	128	71845	48.469	ug/L	97
25) Chloroform	4.372	83	232971	49.412	ug/L	98

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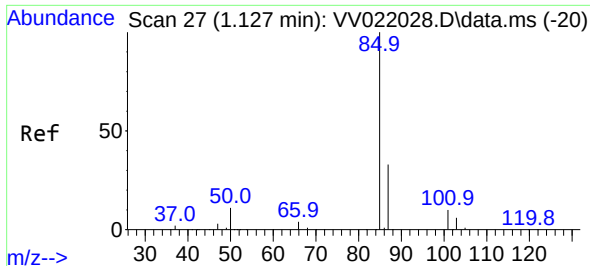
Manual Integrations
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 Quant Title : VOC Analysis
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.127	62	160489	50.780	ug/L	98
29) Cyclohexane	4.664	56	173433	44.017	ug/L	100
30) 1,1,1-Trichloroethane	4.600	97	194994	46.548	ug/L	99
31) Carbon tetrachloride	4.818	117	161302	44.818	ug/L	100
33) Benzene	5.092	78	489427	47.727	ug/L	100
34) Trichloroethene	5.912	95	130892	45.061	ug/L	99
35) Methylcyclohexane	6.127	83	186047	43.812	ug/L	100
37) 1,2-Dichloropropane	6.172	63	127539	47.979	ug/L	98
38) Bromodichloromethane	6.513	83	159354	46.877	ug/L	99
39) cis-1,3-Dichloropropene	7.027	75	196450	47.867	ug/L	99
40) 4-Methyl-2-pentanone	7.236	43	385664	107.017	ug/L	100
42) Toluene	7.387	91	532617	48.123	ug/L	100
44) trans-1,3-Dichloropropene	7.654	75	185181	48.480	ug/L	98
45) 1,1,2-Trichloroethane	7.841	97	134985	49.907	ug/L	99
46) Tetrachloroethene	7.976	164	103001	45.603	ug/L	99
48) 2-Hexanone	8.153	43	301827	107.944	ug/L	99
49) Dibromochloromethane	8.249	129	140519	48.536	ug/L	99
50) 1,2-Dibromoethane	8.355	107	142339	49.035	ug/L	100
51) Chlorobenzene	8.883	112	363592	48.861	ug/L	99
52) Ethylbenzene	9.014	91	577048	48.163	ug/L	99
53) m,p-Xylene	9.140	106	224805	48.274	ug/L	100
54) o-Xylene	9.545	106	224506	48.724	ug/L	99
55) Styrene	9.564	104	403334	51.292	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.246	83	223760	57.099	ug/L	100
59) Bromoform	9.738	173	103209	46.256	ug/L	98
60) Isopropylbenzene	9.934	105	597528	45.266	ug/L	100
61) 1,2,3-Trichloropropane	10.278	75	175652	48.243	ug/L	100
62) 1,3,5-Trimethylbenzene	10.545	105	506713	45.723	ug/L	99
63) 1,2,4-Trimethylbenzene	10.918	105	534859	47.483	ug/L	100
64) 1,3-Dichlorobenzene	11.185	146	310645	46.350	ug/L	99
65) 1,4-Dichlorobenzene	11.278	146	319543	46.593	ug/L	100
67) 1,2-Dichlorobenzene	11.648	146	315108	47.350	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.432	75	41539	47.338	ug/L	99
69) 1,3,5-Trichlorobenzene	12.648	180	227019	45.299	ug/L	100
70) 1,2,4-trichlorobenzene	13.265	180	193258	43.837	ug/L	100
71) Naphthalene	13.506	128	578665	45.630	ug/L	99
72) 1,2,3-Trichlorobenzene	13.747	180	190301	44.256	ug/L	99

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



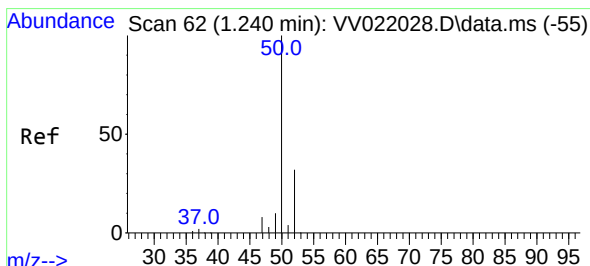
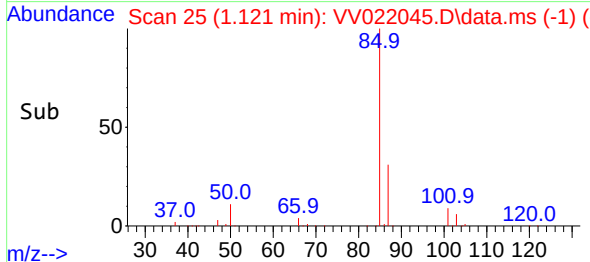
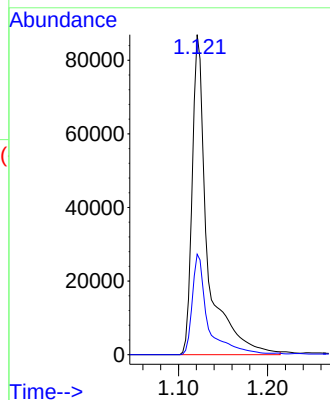
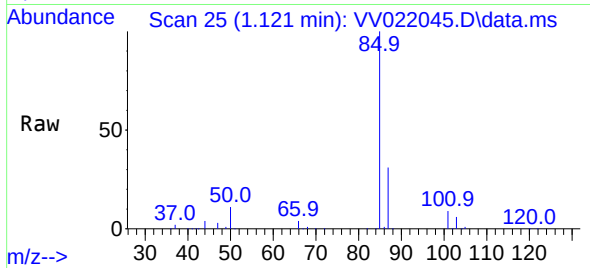
#2
 Dichlorodifluoromethane
 Concen: 42.353 ug/L
 RT: 1.121 min Scan# 25
 Delta R.T. -0.006 min
 Lab File: VV022045.D
 Acq: 31 Aug 2021 16:56

Tgt Ion: 85 Resp: 104388
 Ion Ratio Lower Upper
 85 100
 87 32.1 26.0 39.0

Instrument :
 MSVOA_V
 ClientSampleId :
 GB6C0MS

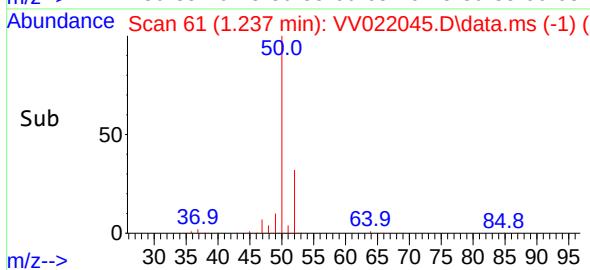
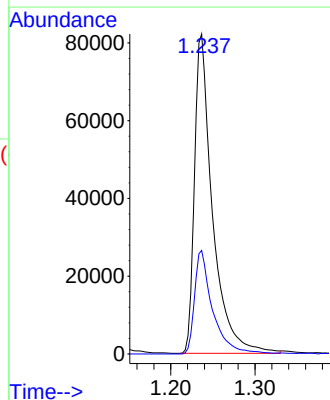
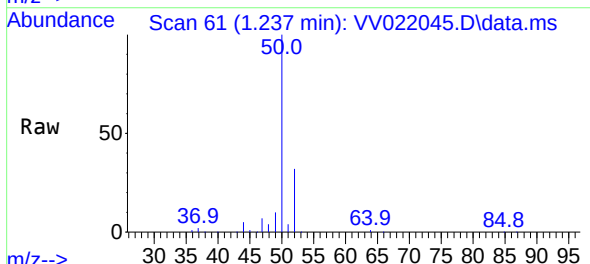
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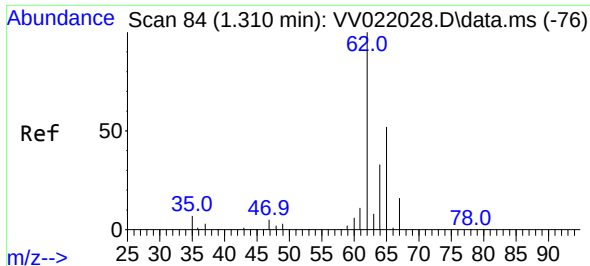
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#3
 Chloromethane
 Concen: 46.689 ug/L
 RT: 1.237 min Scan# 61
 Delta R.T. -0.003 min
 Lab File: VV022045.D
 Acq: 31 Aug 2021 16:56

Tgt Ion: 50 Resp: 121852
 Ion Ratio Lower Upper
 50 100
 52 32.3 22.5 41.9





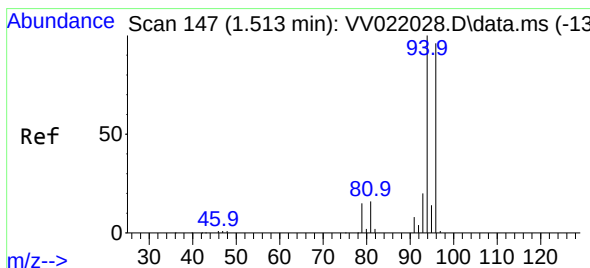
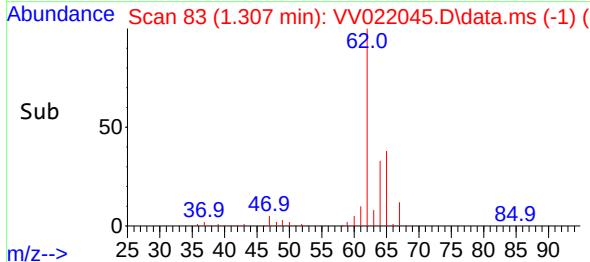
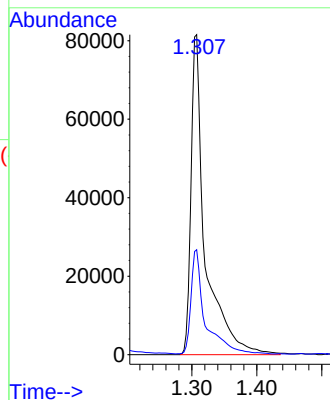
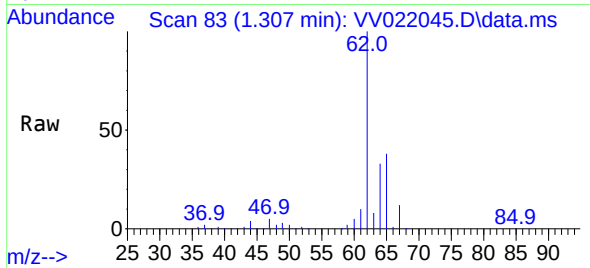
#5
 Vinyl chloride
 Concen: 47.176 ug/L
 RT: 1.307 min Scan# 83
 Delta R.T. -0.003 min
 Lab File: VV022045.D
 Acq: 31 Aug 2021 16:56

Tgt Ion: 62 Resp: 124099
 Ion Ratio Lower Upper
 62 100
 64 32.8 23.4 43.6

Instrument :
 MSVOA_V
 ClientSampleId :
 GB6C0MS

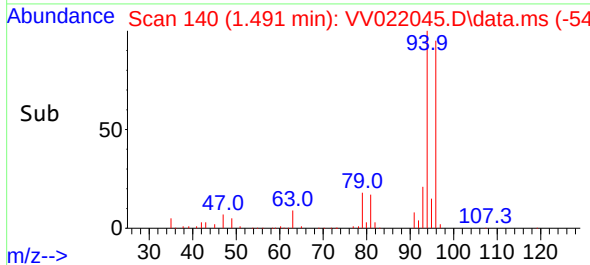
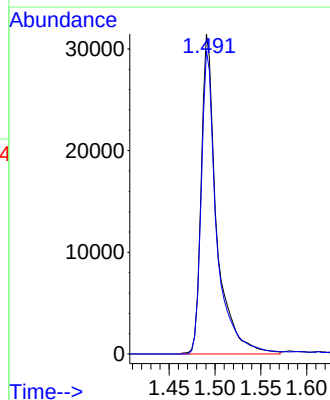
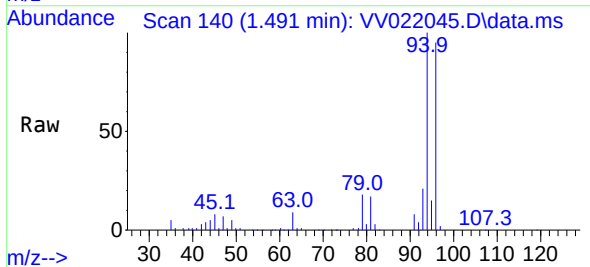
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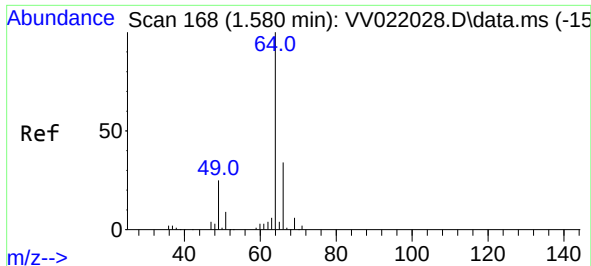
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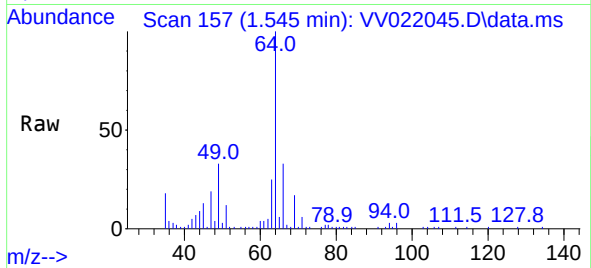
#6
 Bromomethane
 Concen: 23.342 ug/L
 RT: 1.491 min Scan# 140
 Delta R.T. -0.022 min
 Lab File: VV022045.D
 Acq: 31 Aug 2021 16:56

Tgt Ion: 94 Resp: 36916
 Ion Ratio Lower Upper
 94 100
 96 94.8 65.8 122.2

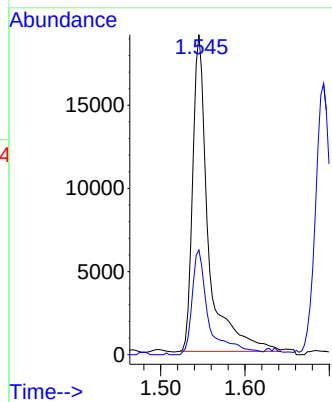
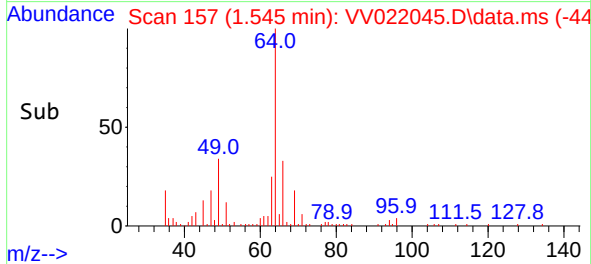




#8
Chloroethane
Concen: 15.014 ug/L
RT: 1.545 min Scan# 157
Delta R.T. -0.035 min
Lab File: VV022045.D
Acq: 31 Aug 2021 16:56



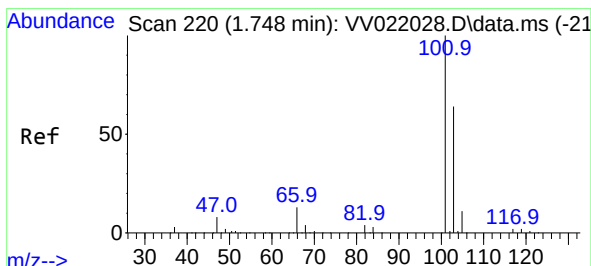
Tgt Ion: 64 Resp: 24707
Ion Ratio Lower Upper
64 100
66 32.8 22.7 42.3



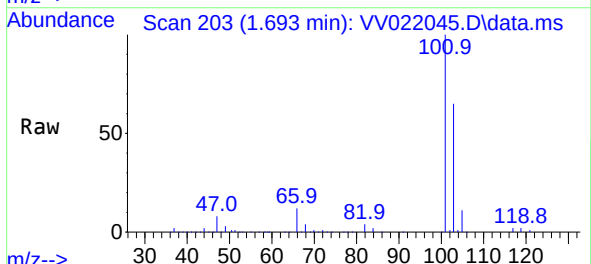
Instrument :
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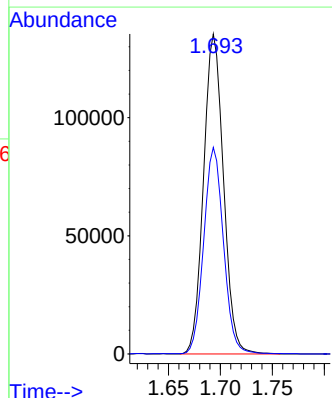
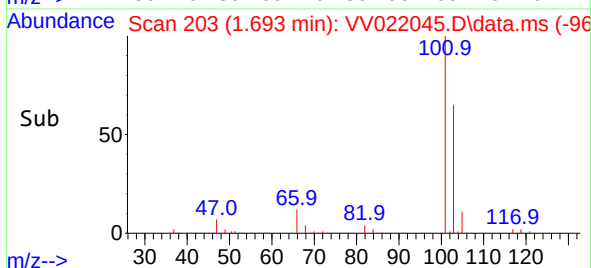
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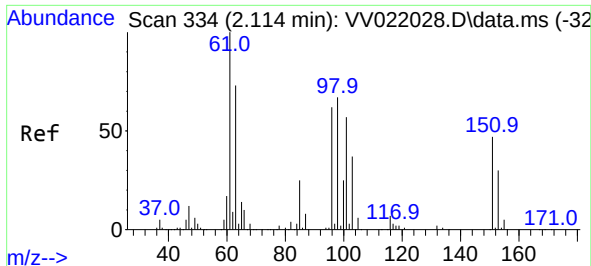


#9
Trichlorofluoromethane
Concen: 48.130 ug/L
RT: 1.693 min Scan# 203
Delta R.T. -0.054 min
Lab File: VV022045.D
Acq: 31 Aug 2021 16:56



Tgt Ion:101 Resp: 180296
Ion Ratio Lower Upper
101 100
103 63.5 51.4 77.0





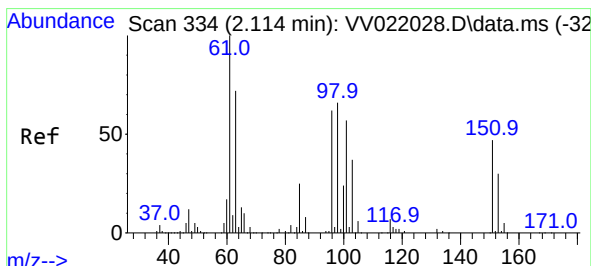
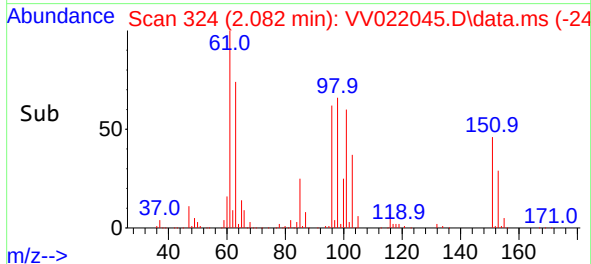
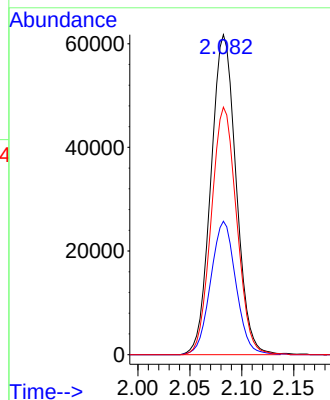
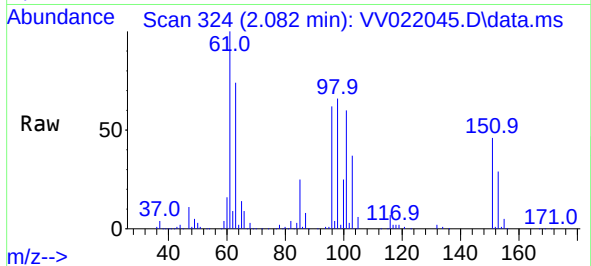
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 47.415 ug/L
RT: 2.082 min Scan# 324
Delta R.T. -0.032 min
Lab File: VV022045.D
Acq: 31 Aug 2021 16:56

Tgt Ion:101 Resp: 104179
Ion Ratio Lower Upper
101 100
85 41.8 33.4 50.0
151 78.1 61.7 92.5

Instrument :
MSVOA_V
ClientSampleId :
GB6C0MS

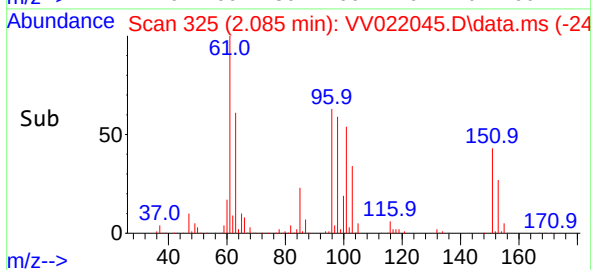
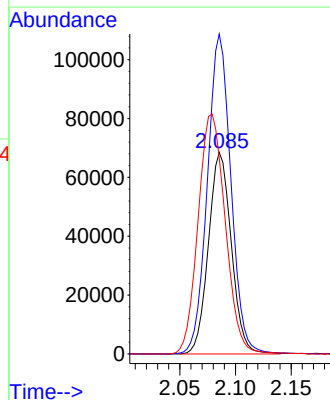
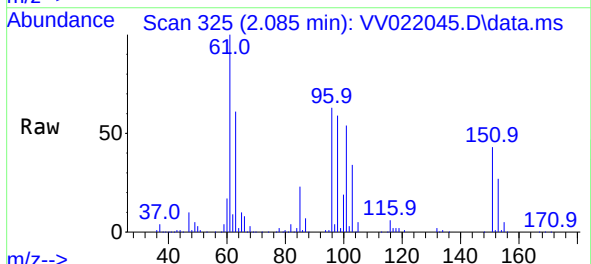
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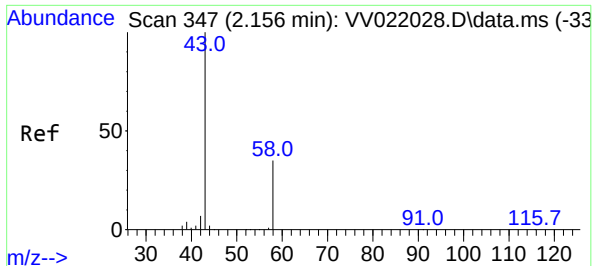
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#12
1,1-Dichloroethene
Concen: 47.317 ug/L
RT: 2.085 min Scan# 325
Delta R.T. -0.029 min
Lab File: VV022045.D
Acq: 31 Aug 2021 16:56

Tgt Ion: 96 Resp: 97865
Ion Ratio Lower Upper
96 100
61 158.7 113.2 210.2
63 97.3 102.3 189.9#





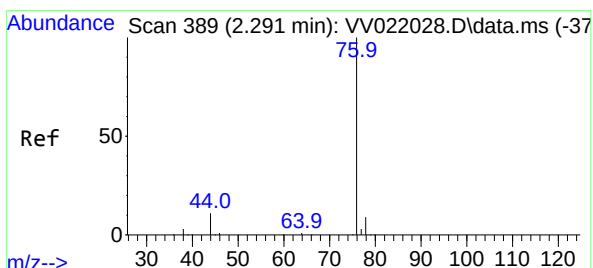
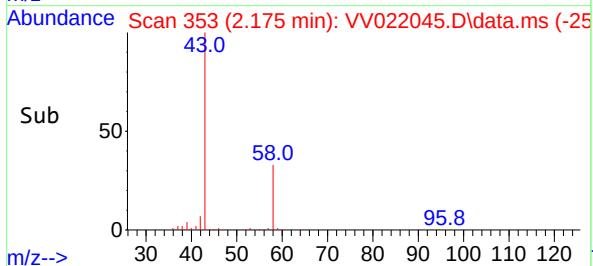
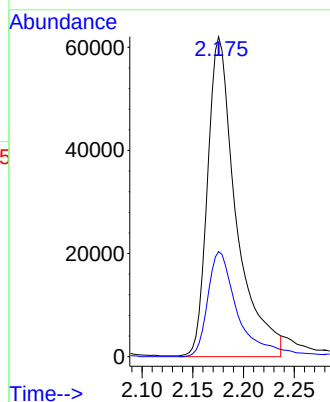
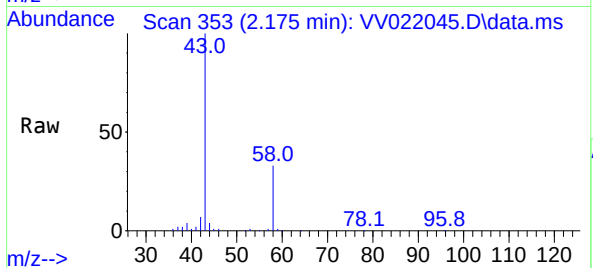
#13
Acetone
Concen: 85.231 ug/L m
RT: 2.175 min Scan# 353
Delta R.T. 0.020 min
Lab File: VV022045.D
Acq: 31 Aug 2021 16:56

Tgt Ion: 43 Resp: 121613
Ion Ratio Lower Upper
43 100
58 0.1 0.0 0.4

Instrument :
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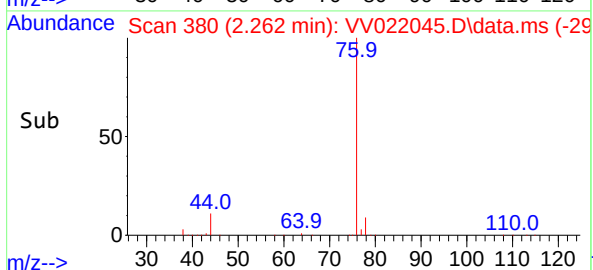
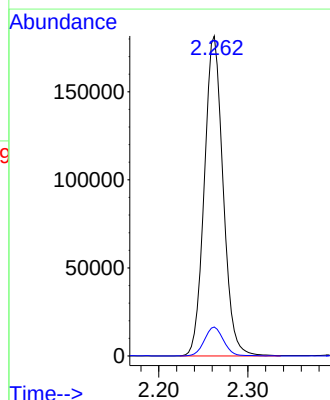
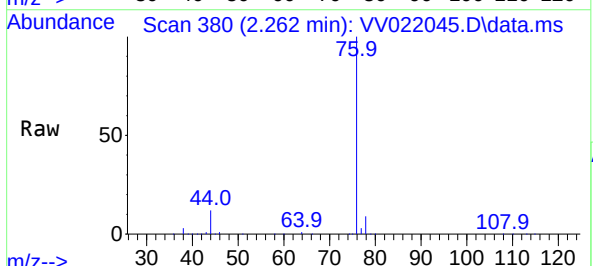
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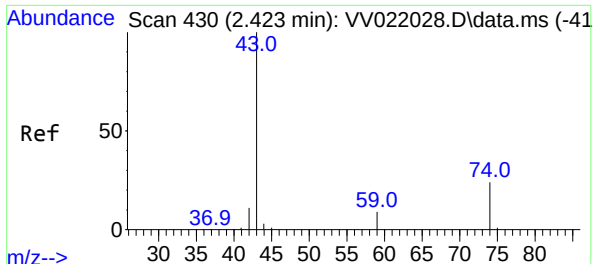
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#14
Carbon disulfide
Concen: 42.593 ug/L
RT: 2.262 min Scan# 380
Delta R.T. -0.029 min
Lab File: VV022045.D
Acq: 31 Aug 2021 16:56

Tgt Ion: 76 Resp: 265817
Ion Ratio Lower Upper
76 100
78 9.0 7.4 11.2





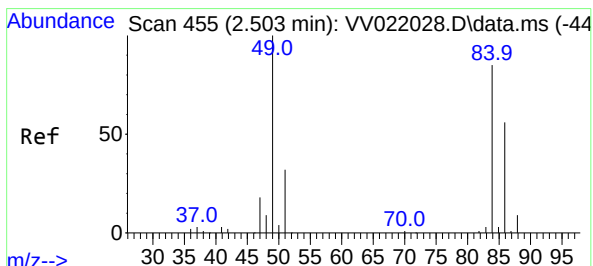
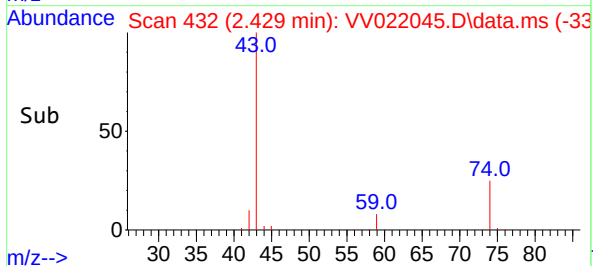
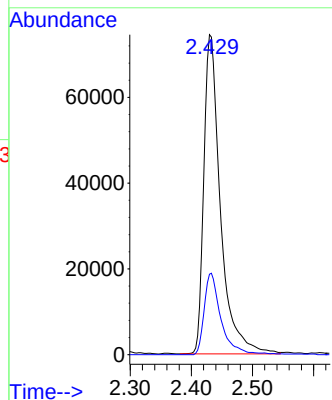
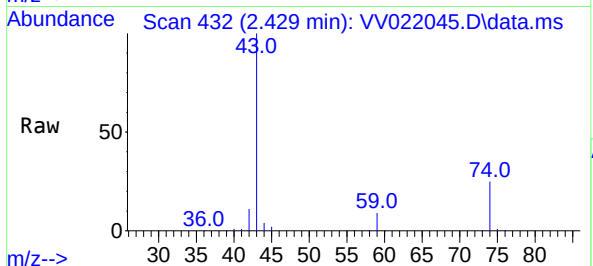
#15
Methyl Acetate
Concen: 50.696 ug/L
RT: 2.429 min Scan# 432
Delta R.T. 0.007 min
Lab File: VV022045.D
Acq: 31 Aug 2021 16:56

Instrument :
MSVOA_V
ClientSampleId :
GB6C0MS

Tgt Ion: 43 Resp: 140868
Ion Ratio Lower Upper
43 100
74 25.1 20.2 30.2

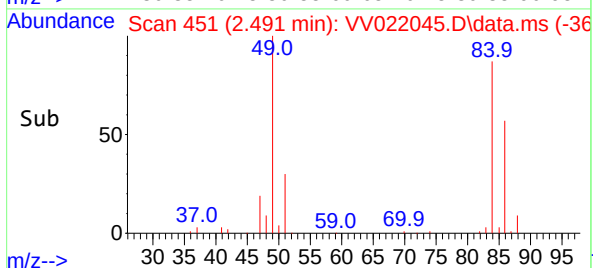
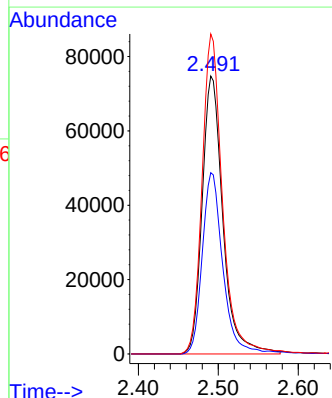
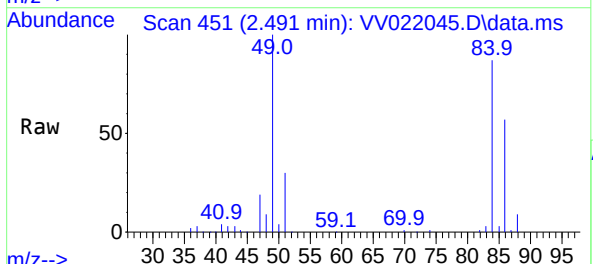
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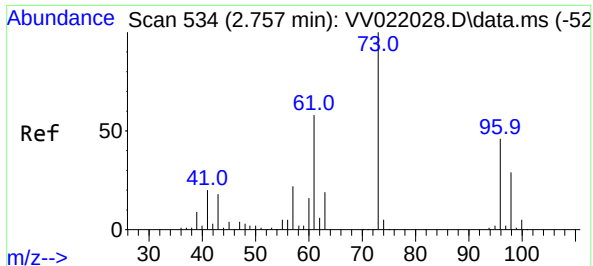
MMDadoda
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#16
Methylene chloride
Concen: 48.604 ug/L
RT: 2.491 min Scan# 451
Delta R.T. -0.013 min
Lab File: VV022045.D
Acq: 31 Aug 2021 16:56

Tgt Ion: 84 Resp: 134685
Ion Ratio Lower Upper
84 100
86 65.2 44.8 83.2
49 115.2 80.2 149.0





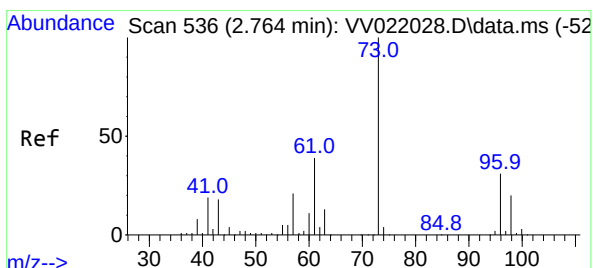
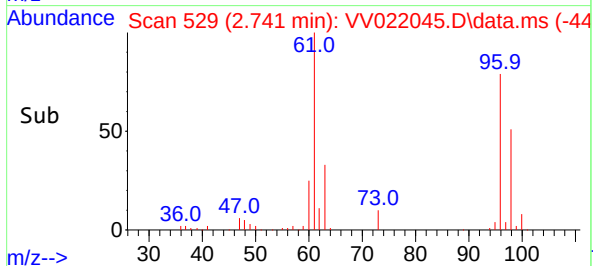
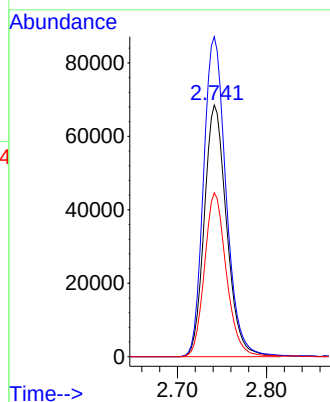
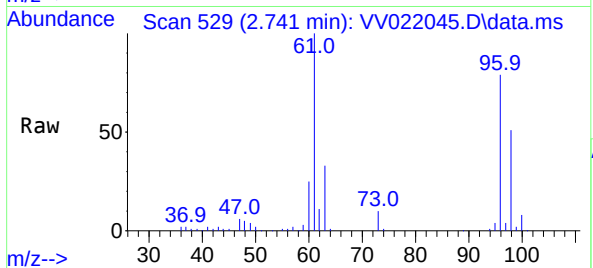
#17
trans-1,2-Dichloroethene
Concen: 47.764 ug/L
RT: 2.741 min Scan# 529
Delta R.T. -0.016 min
Lab File: VV022045.D
Acq: 31 Aug 2021 16:56

Tgt Ion: 96 Resp: 119446
Ion Ratio Lower Upper
96 100
61 127.2 89.1 165.5
98 65.1 43.8 81.3

Instrument :
MSVOA_V
ClientSampleId :
GB6C0MS

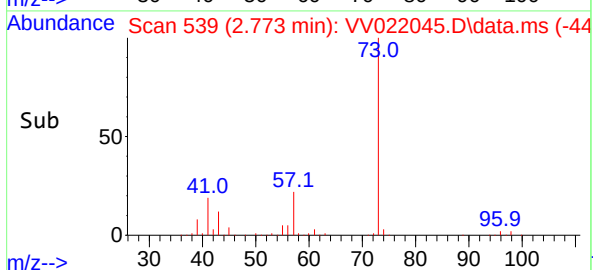
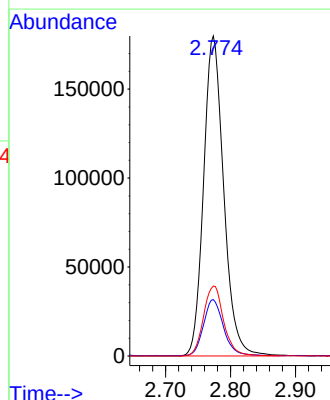
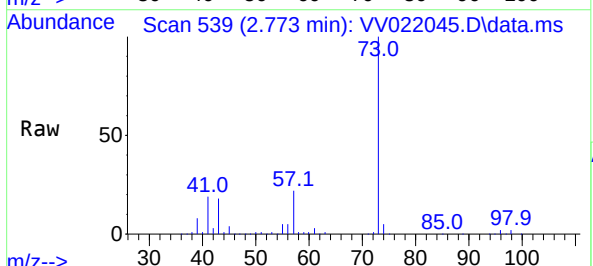
Manual Integrations
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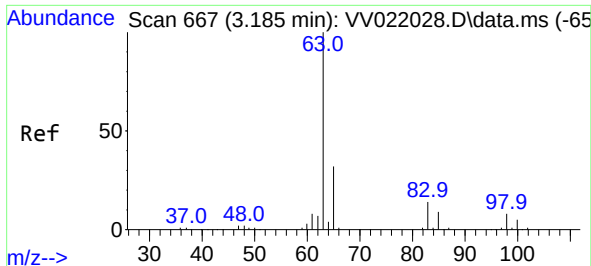
MMDadoda
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#18
Methyl tert-butyl Ether
Concen: 48.823 ug/L
RT: 2.773 min Scan# 539
Delta R.T. 0.010 min
Lab File: VV022045.D
Acq: 31 Aug 2021 16:56

Tgt Ion: 73 Resp: 387984
Ion Ratio Lower Upper
73 100
43 17.4 13.8 20.6
57 22.0 17.1 25.7





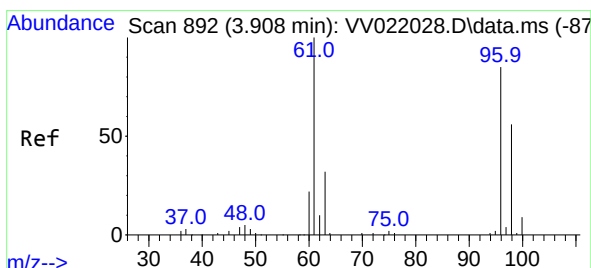
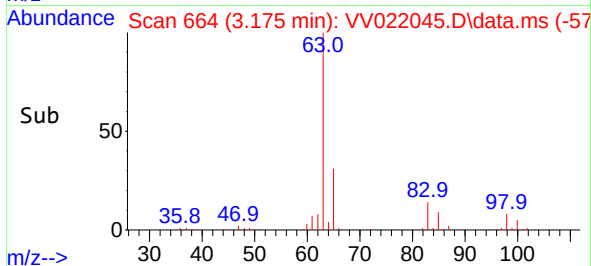
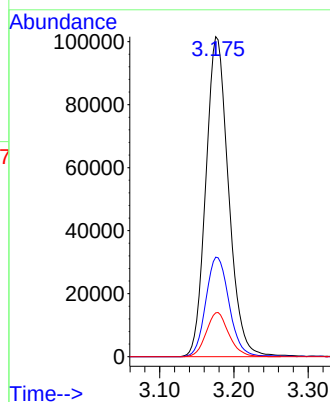
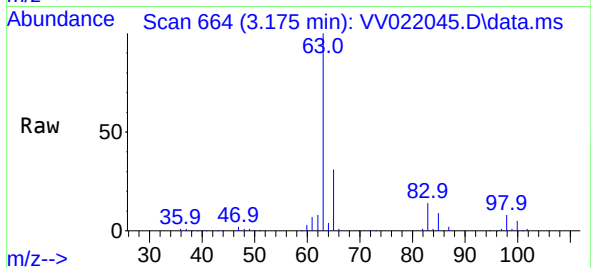
#19
1,1-Dichloroethane
Concen: 48.375 ug/L
RT: 3.175 min Scan# 664
Delta R.T. -0.009 min
Lab File: VV022045.D
Acq: 31 Aug 2021 16:56

Tgt Ion:	63	Resp:	215460
Ion Ratio	Lower	Upper	
63	100		
65	31.1	22.2	41.2
83	13.7	9.7	17.9

Instrument :
MSVOA_V
ClientSampleId :
GB6C0MS

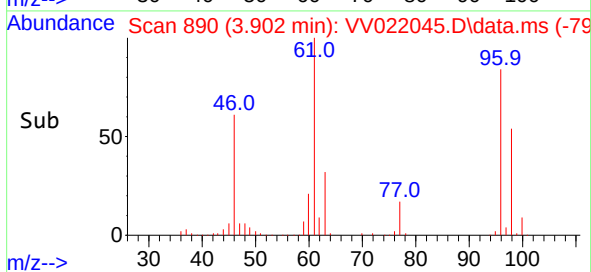
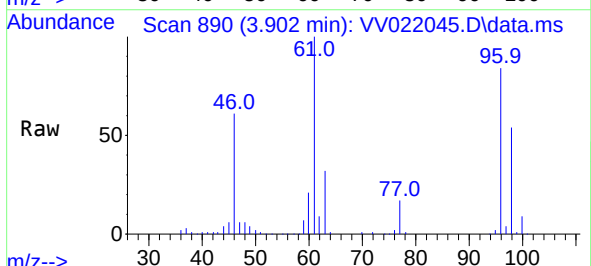
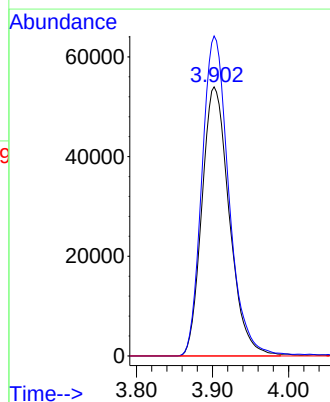
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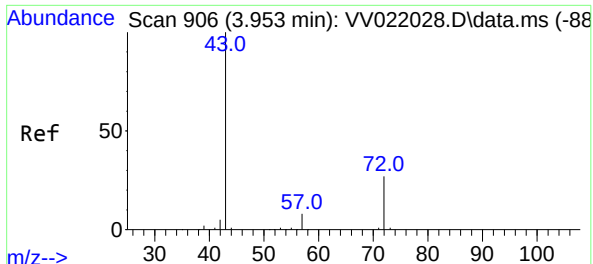
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#20
cis-1,2-Dichloroethene
Concen: 48.526 ug/L
RT: 3.902 min Scan# 890
Delta R.T. -0.006 min
Lab File: VV022045.D
Acq: 31 Aug 2021 16:56

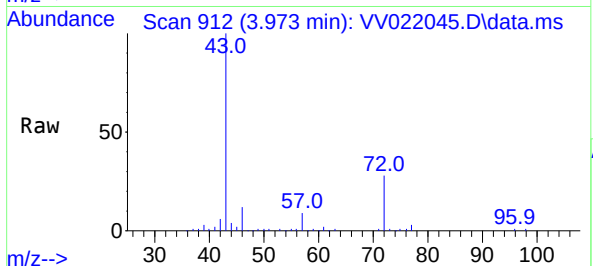
Tgt Ion:	96	Resp:	135064
Ion Ratio	Lower	Upper	
96	100		
61	118.9	81.8	152.0
68	0.0	0.0	0.0





#22
2-Butanone
Concen: 96.529 ug/L
RT: 3.973 min Scan# 912
Delta R.T. 0.019 min
Lab File: VV022045.D
Acq: 31 Aug 2021 16:56

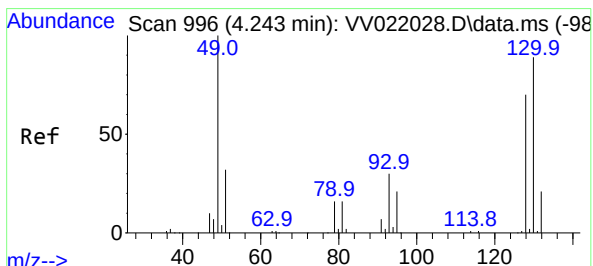
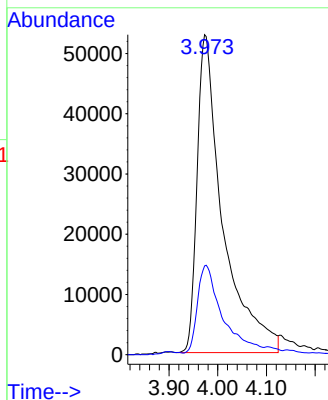
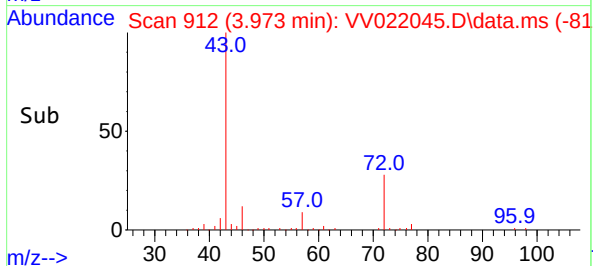
Instrument :
MSVOA_V
ClientSampleId :
GB6C0MS



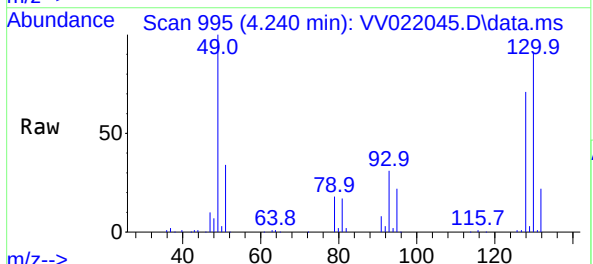
Tgt Ion: 43 Resp: 193607
Ion Ratio Lower Upper
43 100
72 26.6 13.3 39.8

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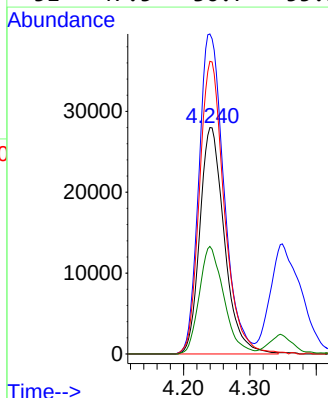
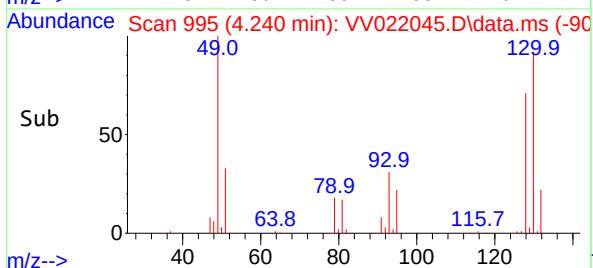
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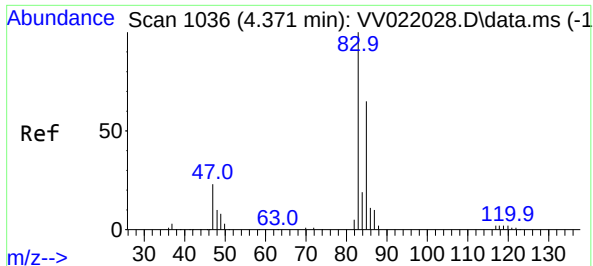


#23
Bromochloromethane
Concen: 48.469 ug/L
RT: 4.240 min Scan# 995
Delta R.T. -0.003 min
Lab File: VV022045.D
Acq: 31 Aug 2021 16:56



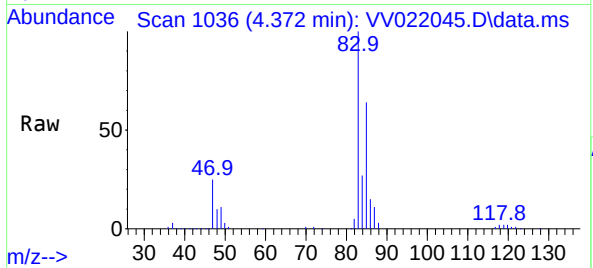
Tgt Ion: 128 Resp: 71845
Ion Ratio Lower Upper
128 100
49 141.3 101.6 188.8
130 129.2 88.5 164.3
51 47.5 36.7 55.1



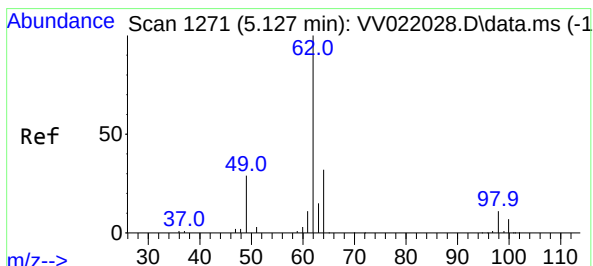
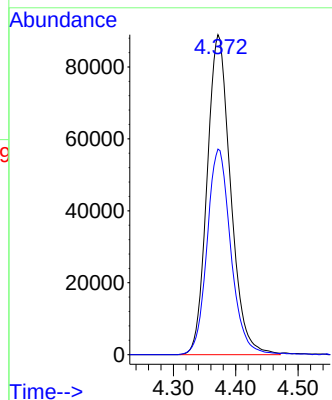
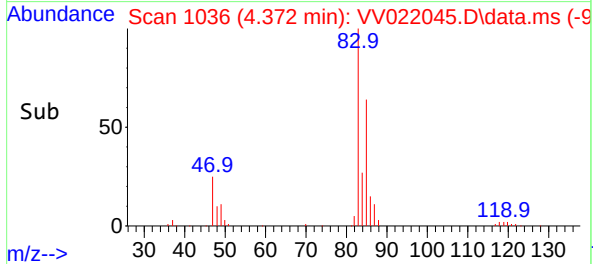


#25
Chloroform
Concen: 49.412 ug/L
RT: 4.372 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VV022045.D
Acq: 31 Aug 2021 16:56

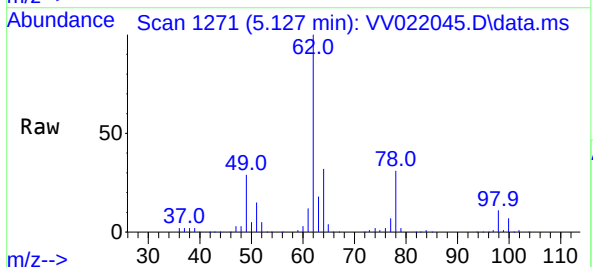
Instrument :
MSVOA_V
ClientSampleId :
GB6C0MS



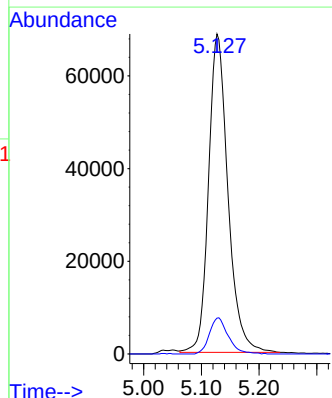
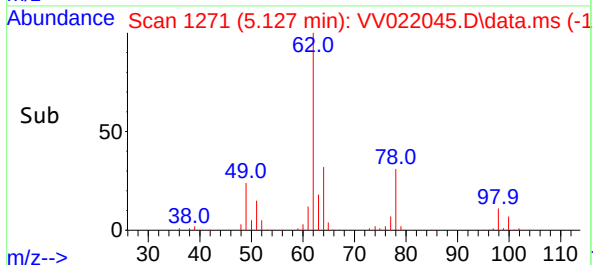
Tgt Ion: 83 Resp: 232971
Ion Ratio Lower Upper
83 100
85 64.2 46.3 85.9

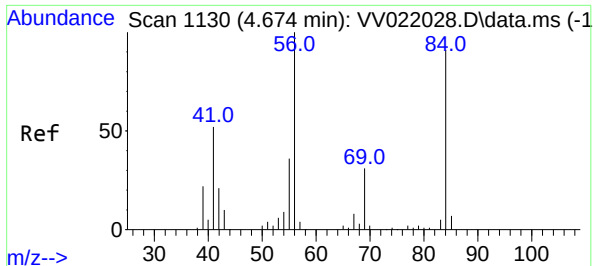


#27
1,2-Dichloroethane
Concen: 50.780 ug/L
RT: 5.127 min Scan# 1271
Delta R.T. 0.000 min
Lab File: VV022045.D
Acq: 31 Aug 2021 16:56



Tgt Ion: 62 Resp: 160489
Ion Ratio Lower Upper
62 100
98 11.2 8.5 12.7





#29

Cyclohexane

Concen: 44.017 ug/L

RT: 4.664 min Scan# 1127

Delta R.T. -0.009 min

Lab File: VV022045.D

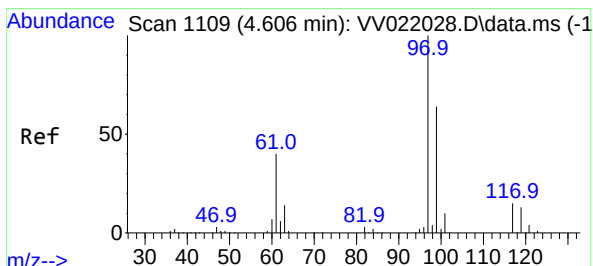
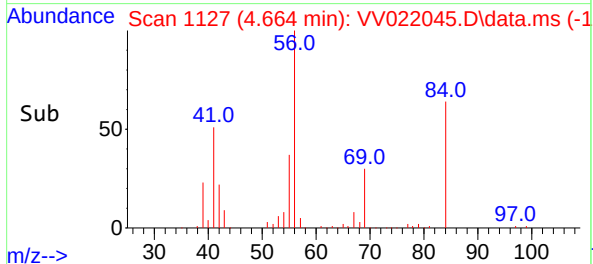
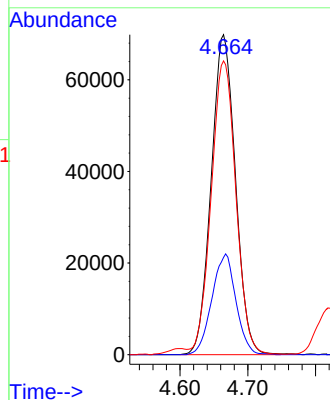
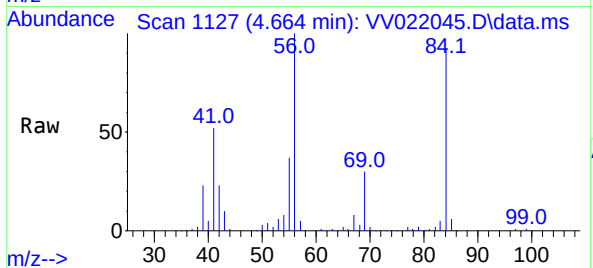
Acq: 31 Aug 2021 16:56

Tgt Ion:	56	Resp:	173433
Ion	Ratio	Lower	Upper
56	100		
69	31.3	25.2	37.8
84	93.7	74.6	111.8

Instrument :
MSVOA_V
ClientSampleId :
GB6C0MS

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#30

1,1,1-Trichloroethane

Concen: 46.548 ug/L

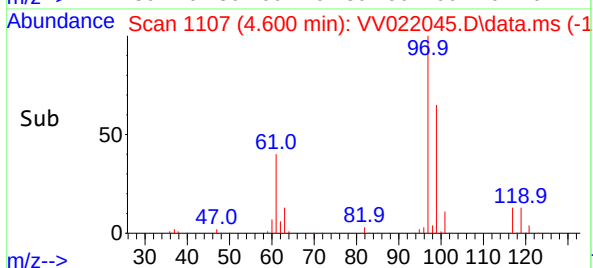
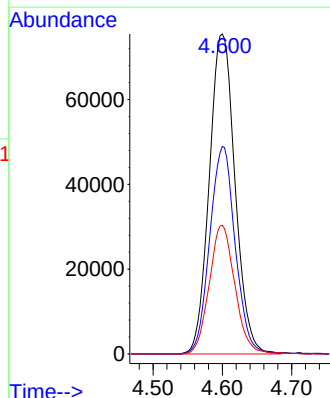
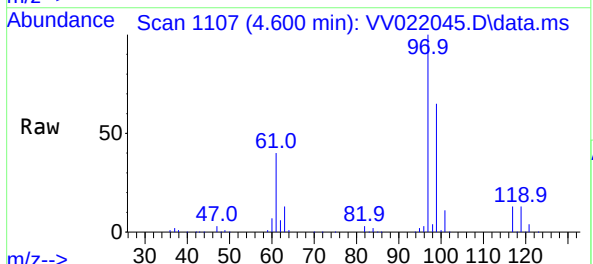
RT: 4.600 min Scan# 1107

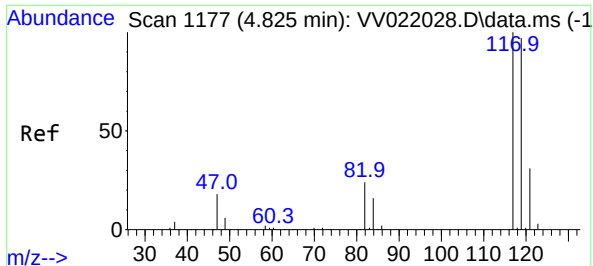
Delta R.T. -0.006 min

Lab File: VV022045.D

Acq: 31 Aug 2021 16:56

Tgt Ion:	97	Resp:	194994
Ion	Ratio	Lower	Upper
97	100		
99	64.0	52.0	78.0
61	39.8	31.8	47.8





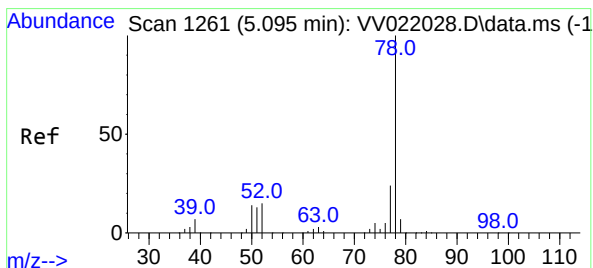
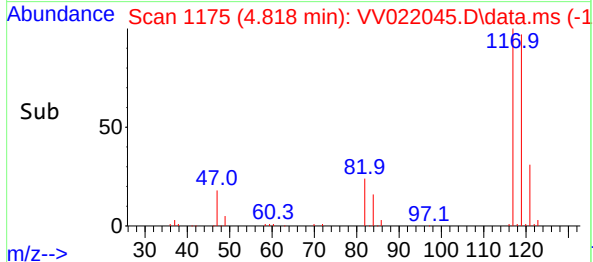
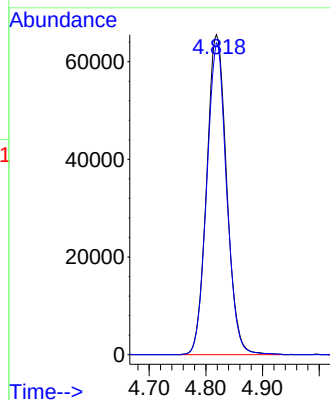
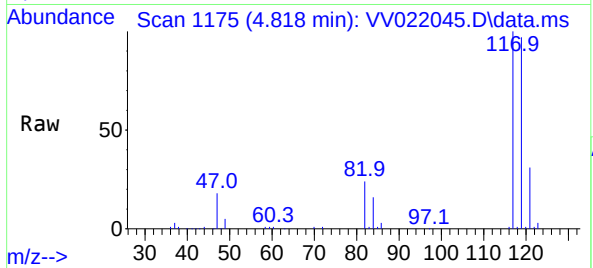
#31
Carbon tetrachloride
Concen: 44.818 ug/L
RT: 4.818 min Scan# 1175
Delta R.T. -0.006 min
Lab File: VV022045.D
Acq: 31 Aug 2021 16:56

Tgt Ion:117 Resp: 161302
Ion Ratio Lower Upper
117 100
119 96.1 76.6 114.8

Instrument :
MSVOA_V
ClientSampleId :
GB6C0MS

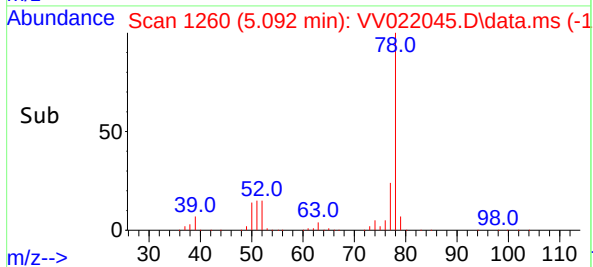
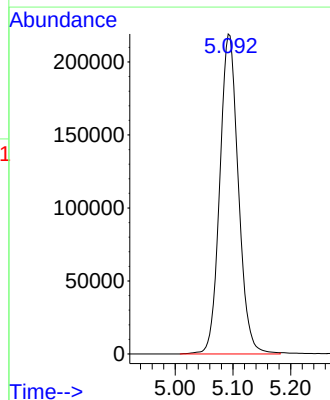
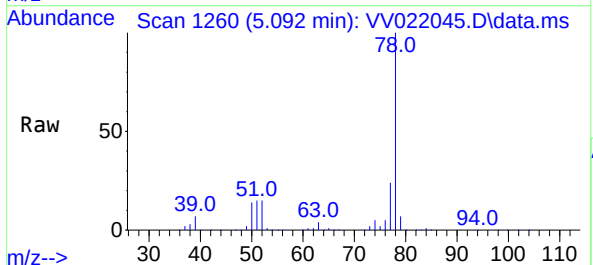
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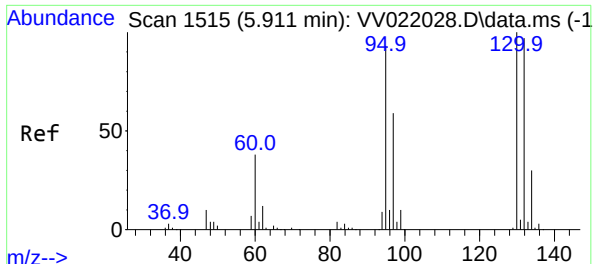
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#33
Benzene
Concen: 47.727 ug/L
RT: 5.092 min Scan# 1260
Delta R.T. -0.003 min
Lab File: VV022045.D
Acq: 31 Aug 2021 16:56

Tgt Ion: 78 Resp: 489427





#34

Trichloroethene

Concen: 45.061 ug/L

RT: 5.912 min Scan# 1515

Delta R.T. 0.000 min

Lab File: VV022045.D

Acq: 31 Aug 2021 16:56

Tgt Ion: 95 Resp: 130892

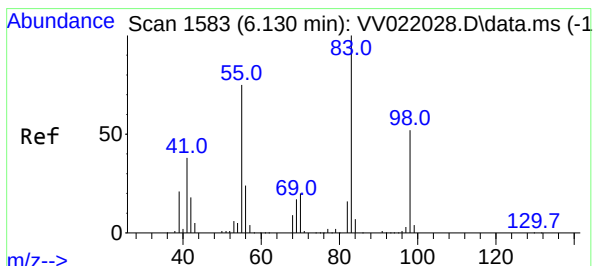
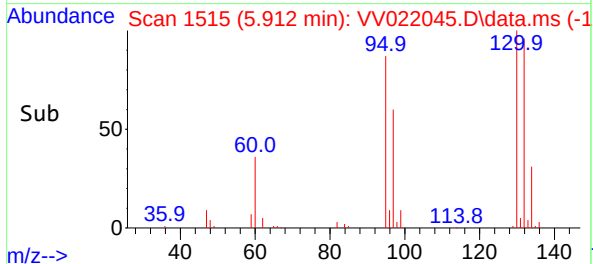
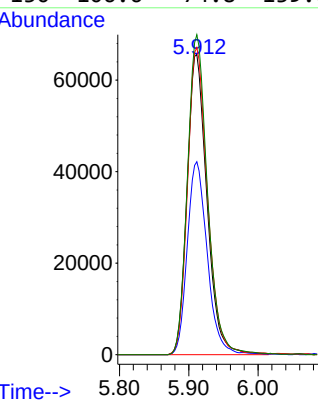
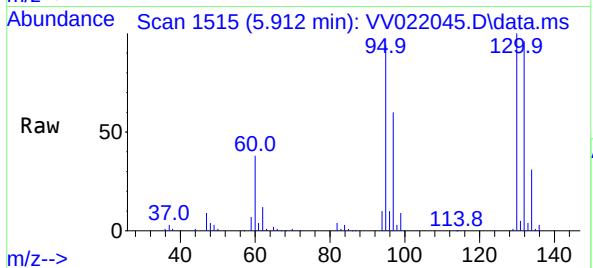
Ion Ratio Lower Upper

95 100

97 64.3 44.1 81.9

132 102.4 70.7 131.3

130 106.6 74.8 139.0



#35

Methylcyclohexane

Concen: 43.812 ug/L

RT: 6.127 min Scan# 1582

Delta R.T. -0.003 min

Lab File: VV022045.D

Acq: 31 Aug 2021 16:56

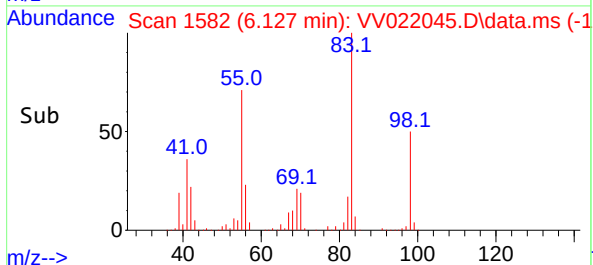
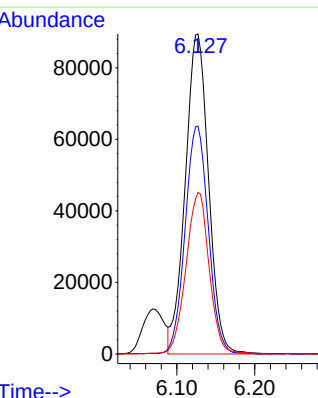
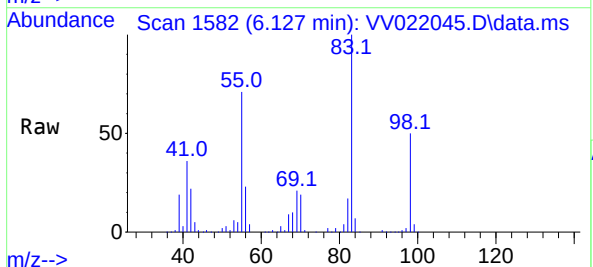
Tgt Ion: 83 Resp: 186047

Ion Ratio Lower Upper

83 100

55 70.9 56.8 85.2

98 50.1 39.9 59.9



Instrument :

MSVOA_V

ClientSampleId :

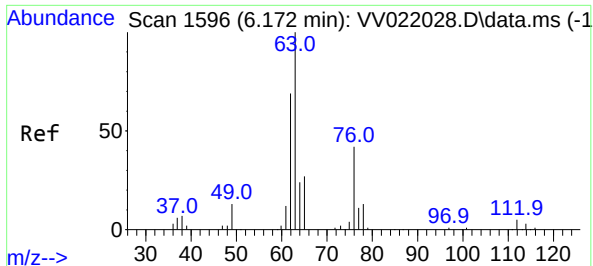
GB6C0MS

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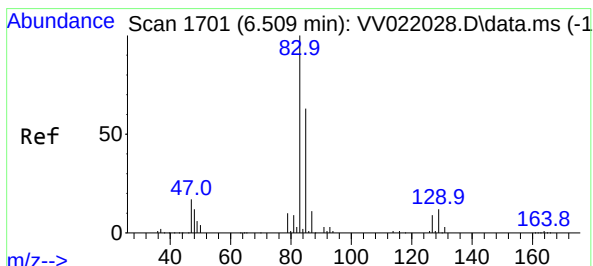
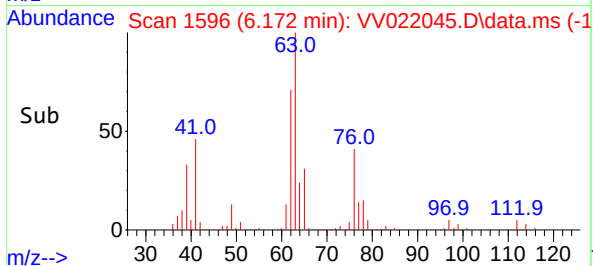
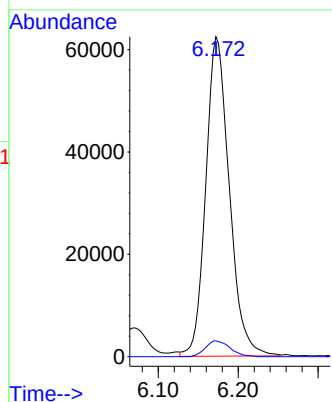
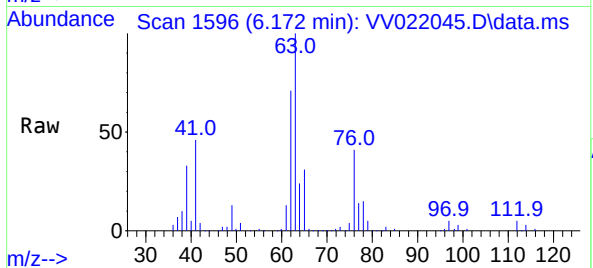
#37
1,2-Dichloropropane
Concen: 47.979 ug/L
RT: 6.172 min Scan# 1596
Delta R.T. 0.000 min
Lab File: VV022045.D
Acq: 31 Aug 2021 16:56

Tgt Ion: 63 Resp: 127539
Ion Ratio Lower Upper
63 100
112 5.2 3.8 5.6

Instrument :
MSVOA_V
ClientSampled :
GB6C0MS

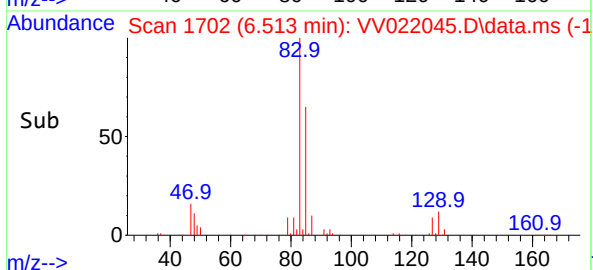
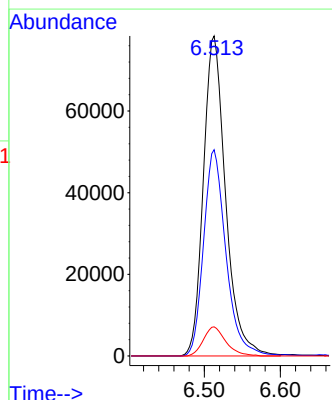
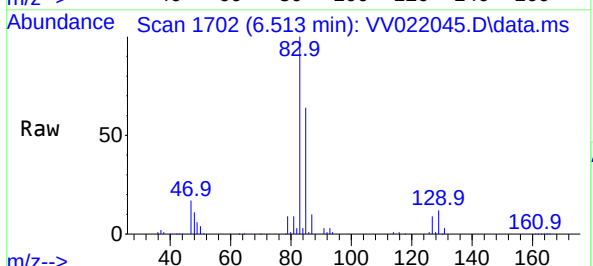
Manual Integrations
APPROVED

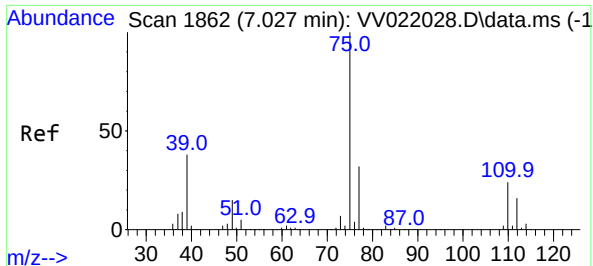
MMDadoda
9/1/2021 12:30:01 PM



#38
Bromodichloromethane
Concen: 46.877 ug/L
RT: 6.513 min Scan# 1702
Delta R.T. 0.003 min
Lab File: VV022045.D
Acq: 31 Aug 2021 16:56

Tgt Ion: 83 Resp: 159354
Ion Ratio Lower Upper
83 100
85 64.4 44.8 83.2
127 9.1 7.3 10.9





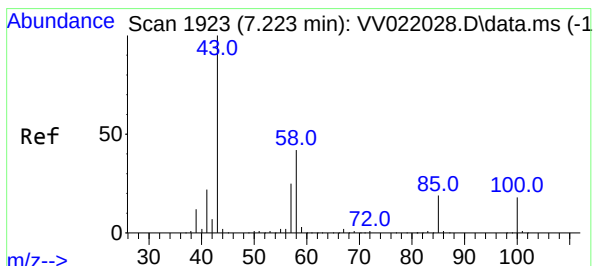
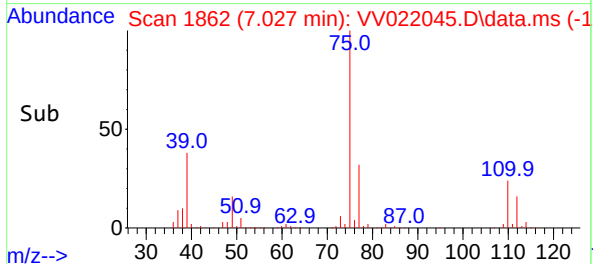
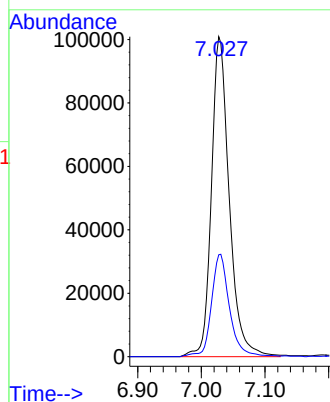
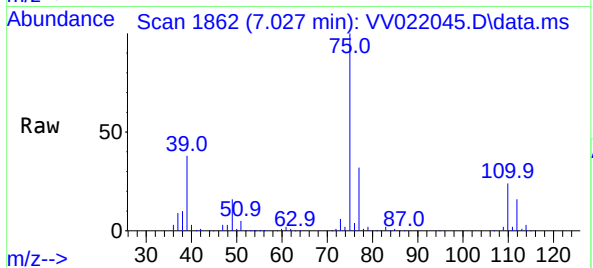
#39
cis-1,3-Dichloropropene
Concen: 47.867 ug/L
RT: 7.027 min Scan# 1862
Delta R.T. 0.000 min
Lab File: VV022045.D
Acq: 31 Aug 2021 16:56

Instrument :
MSVOA_V
ClientSampleId :
GB6C0MS

Tgt Ion: 75 Resp: 196450
Ion Ratio Lower Upper
75 100
77 31.9 22.7 42.1

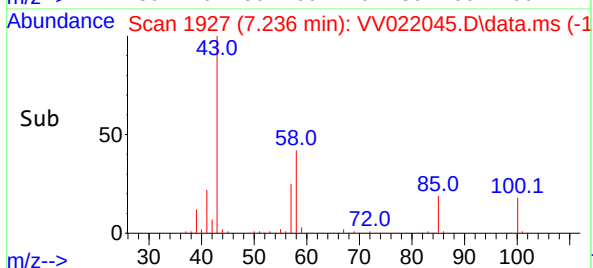
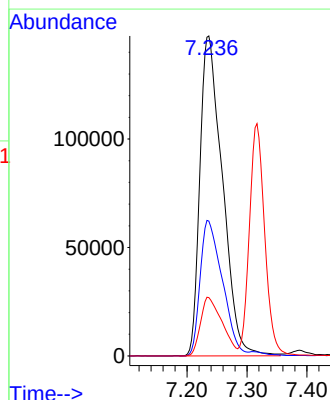
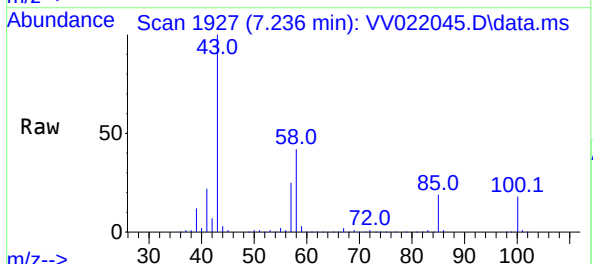
Manual Integrations
APPROVED

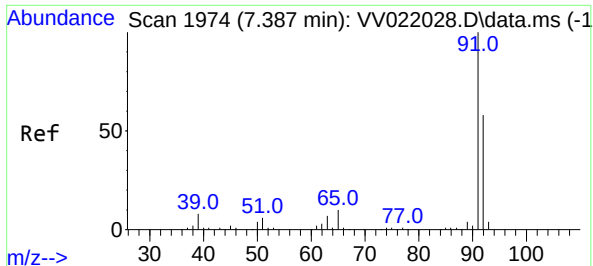
MMDadoda
9/1/2021 12:30:01 PM



#40
4-Methyl-2-pentanone
Concen: 107.017 ug/L
RT: 7.236 min Scan# 1927
Delta R.T. 0.013 min
Lab File: VV022045.D
Acq: 31 Aug 2021 16:56

Tgt Ion: 43 Resp: 385664
Ion Ratio Lower Upper
43 100
58 41.7 33.3 49.9
100 17.7 14.5 21.7





#42

Toluene

Concen: 48.123 ug/L

RT: 7.387 min Scan# 1974

Delta R.T. 0.000 min

Lab File: VV022045.D

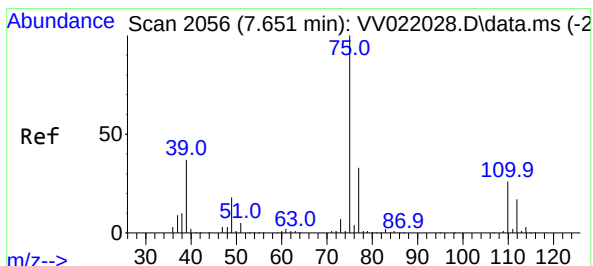
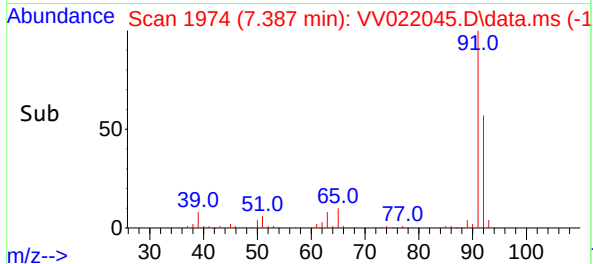
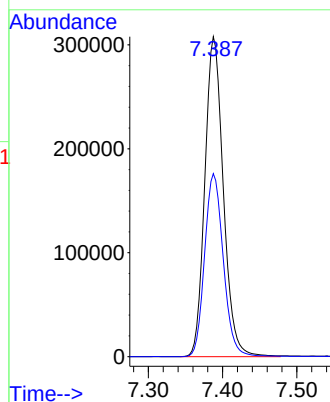
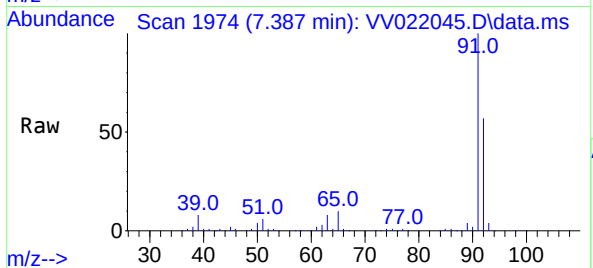
Acq: 31 Aug 2021 16:56

Tgt Ion: 91 Resp: 532617

Ion Ratio Lower Upper

91 100

92 57.2 40.3 74.8



#44

trans-1,3-Dichloropropene

Concen: 48.480 ug/L

RT: 7.654 min Scan# 2057

Delta R.T. 0.003 min

Lab File: VV022045.D

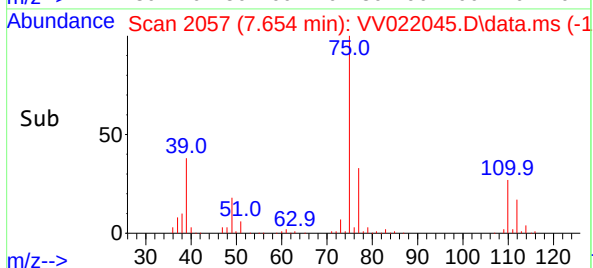
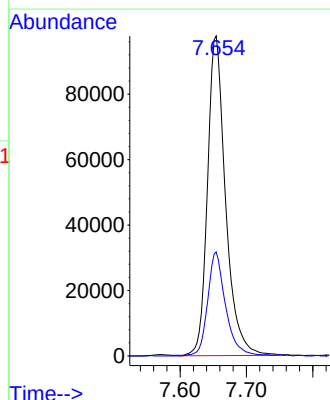
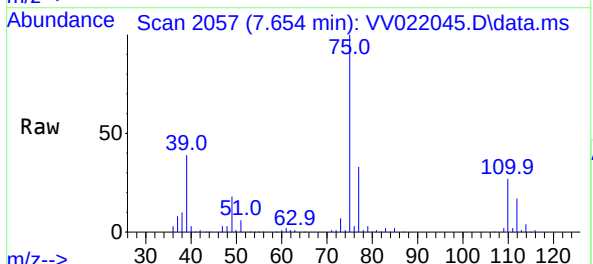
Acq: 31 Aug 2021 16:56

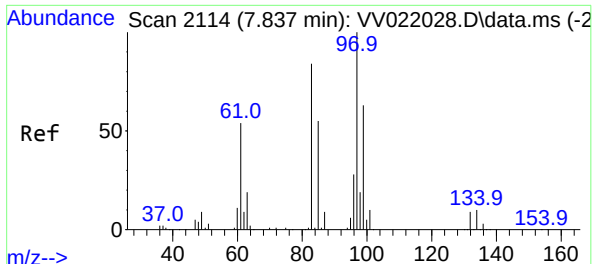
Tgt Ion: 75 Resp: 185181

Ion Ratio Lower Upper

75 100

77 32.5 21.8 40.6





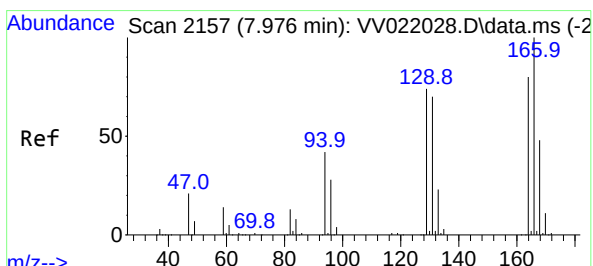
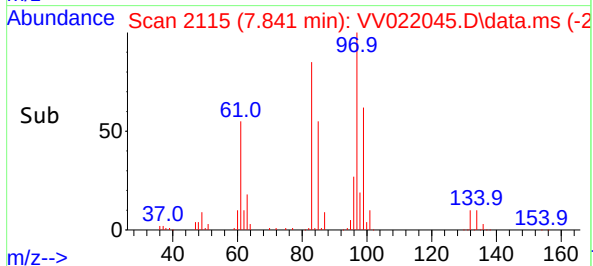
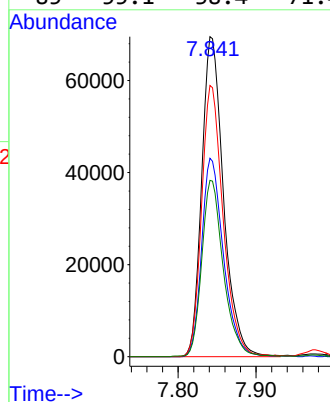
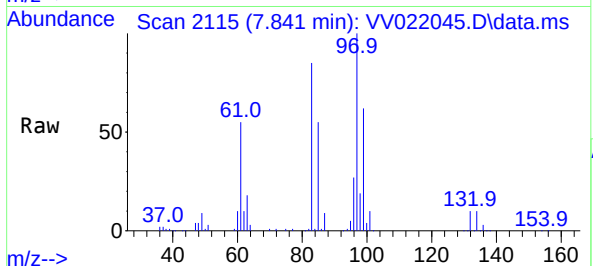
#45
1,1,2-Trichloroethane
Concen: 49.907 ug/L
RT: 7.841 min Scan# 2115
Delta R.T. 0.003 min
Lab File: VV022045.D
Acq: 31 Aug 2021 16:56

Tgt Ion: 97	Resp: 134985
Ion Ratio	Lower Upper
97 100	
99 62.0	43.8 81.4
83 84.7	58.8 109.2
85 55.1	38.4 71.4

Instrument :
MSVOA_V
ClientSampleId :
GB6C0MS

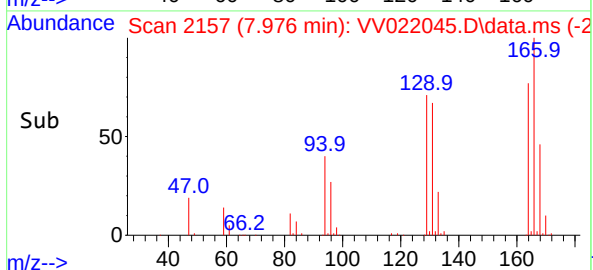
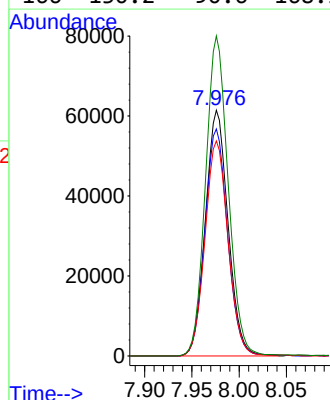
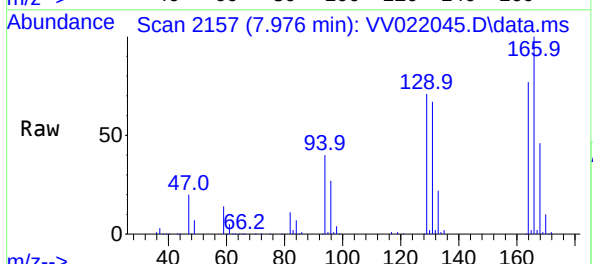
Manual Integrations
APPROVED

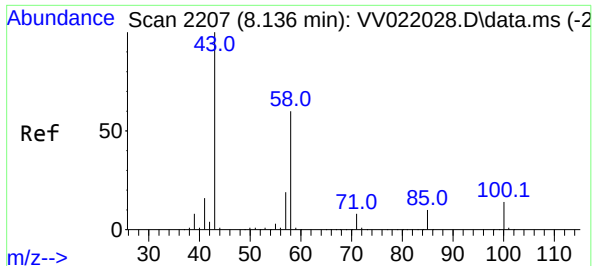
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9/1/2021 12:30:01 PM



#46
Tetrachloroethene
Concen: 45.603 ug/L
RT: 7.976 min Scan# 2157
Delta R.T. 0.000 min
Lab File: VV022045.D
Acq: 31 Aug 2021 16:56

Tgt	Ion:164	Resp:	103001
Ion	Ratio	Lower	Upper
164	100		
129	92.4	62.9	116.9
131	87.5	61.0	113.4
166	130.2	90.6	168.3





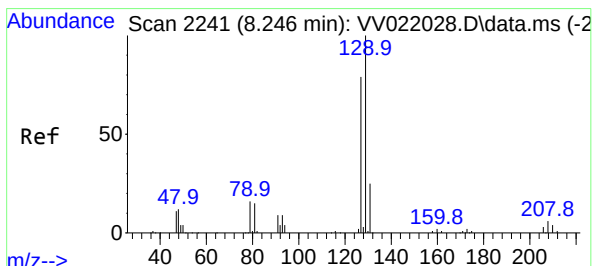
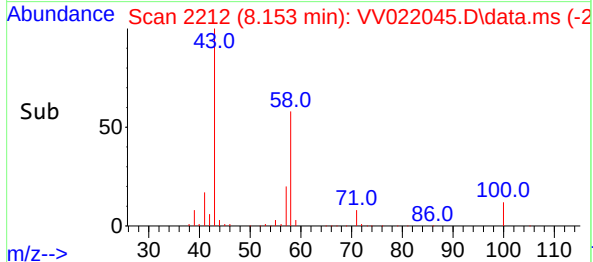
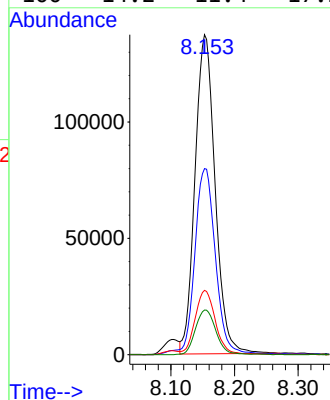
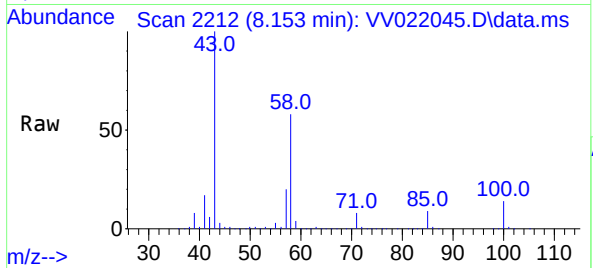
#48
2-Hexanone
Concen: 107.944 ug/L
RT: 8.153 min Scan# 2212
Delta R.T. 0.016 min
Lab File: VV022045.D
Acq: 31 Aug 2021 16:56

Tgt Ion: 43 Resp: 301827
Ion Ratio Lower Upper
43 100
58 60.3 47.5 71.3
57 20.6 15.9 23.9
100 14.2 11.4 17.2

Instrument :
MSVOA_V
ClientSampleId :
GB6C0MS

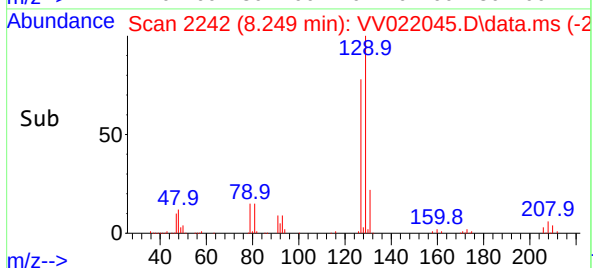
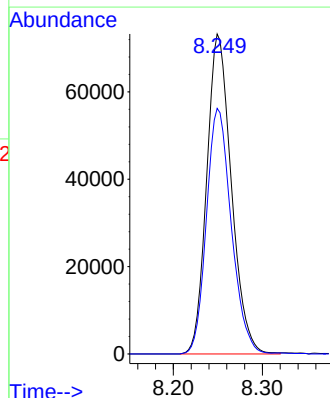
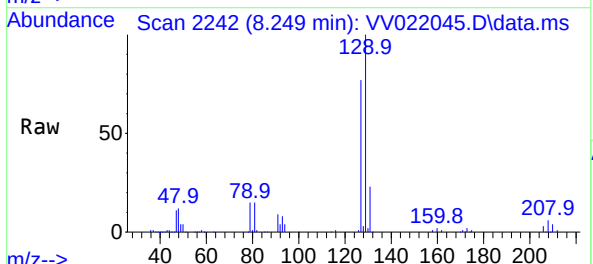
Manual Integrations
APPROVED

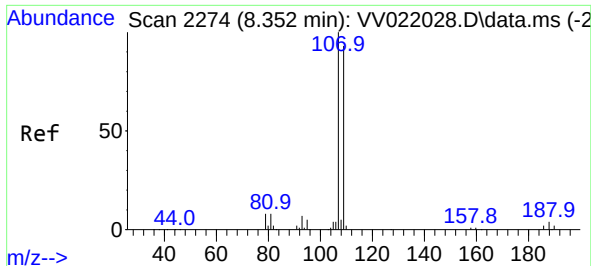
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9/1/2021 12:30:01 PM



#49
Dibromochloromethane
Concen: 48.536 ug/L
RT: 8.249 min Scan# 2242
Delta R.T. 0.003 min
Lab File: VV022045.D
Acq: 31 Aug 2021 16:56

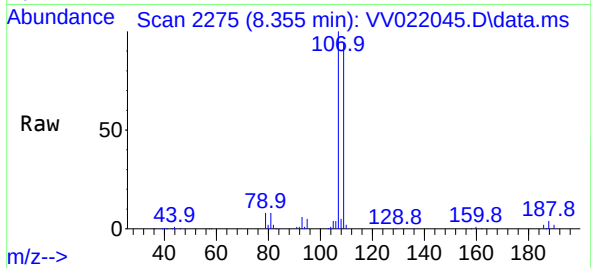
Tgt Ion: 129 Resp: 140519
Ion Ratio Lower Upper
129 100
127 76.8 54.1 100.5





#50
1,2-Dibromoethane
Concen: 49.035 ug/L
RT: 8.355 min Scan# 2275
Delta R.T. 0.003 min
Lab File: VV022045.D
Acq: 31 Aug 2021 16:56

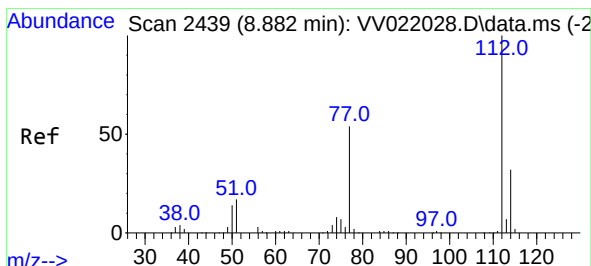
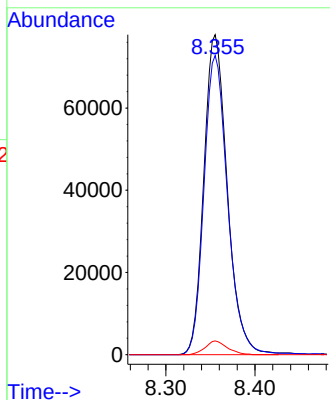
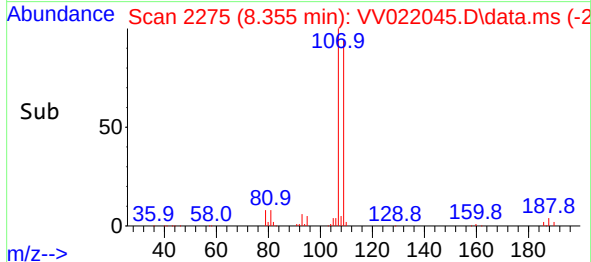
Instrument :
MSVOA_V
ClientSampleId :
GB6C0MS



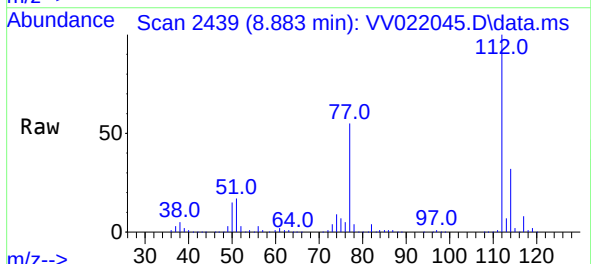
Tgt Ion:107 Resp: 142339
Ion Ratio Lower Upper
107 100
109 93.5 65.5 121.6
188 4.3 3.2 4.8

Manual Integrations
APPROVED

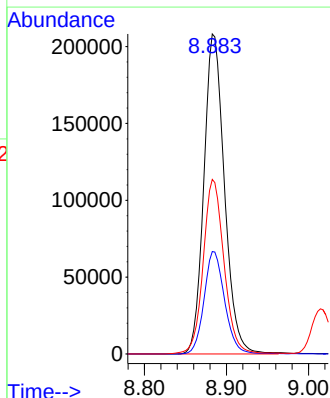
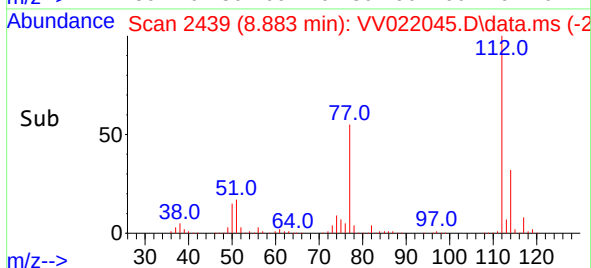
MMDadoda
9/1/2021 12:30:01 PM

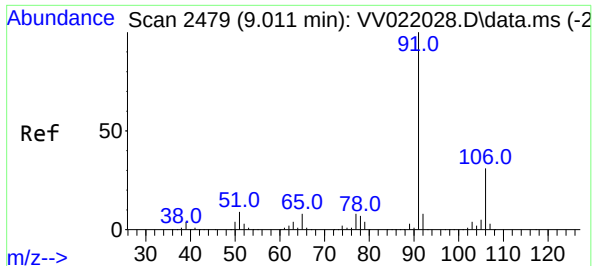


#51
Chlorobenzene
Concen: 48.861 ug/L
RT: 8.883 min Scan# 2439
Delta R.T. 0.000 min
Lab File: VV022045.D
Acq: 31 Aug 2021 16:56



Tgt Ion:112 Resp: 363592
Ion Ratio Lower Upper
112 100
114 32.0 22.0 41.0
77 54.6 43.2 64.8





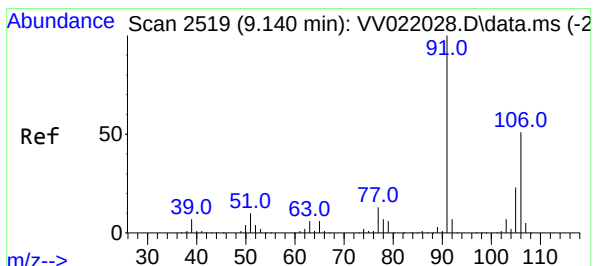
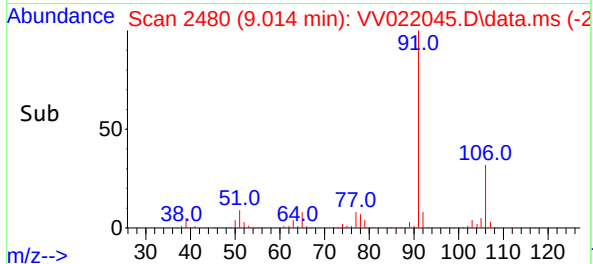
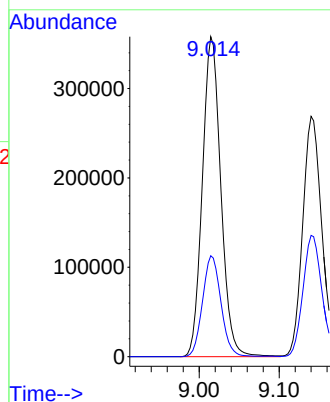
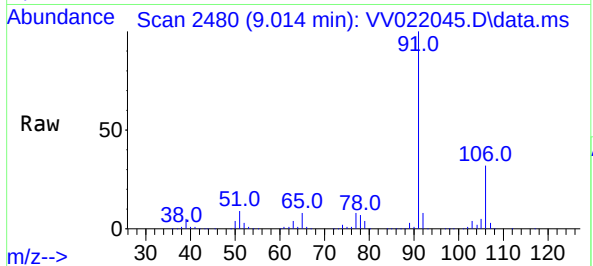
#52
Ethylbenzene
Concen: 48.163 ug/L
RT: 9.014 min Scan# 2480
Delta R.T. 0.003 min
Lab File: VV022045.D
Acq: 31 Aug 2021 16:56

Tgt Ion: 91 Resp: 577048
Ion Ratio Lower Upper
91 100
106 31.5 21.7 40.3

Instrument :
MSVOA_V
ClientSampled :
GB6C0MS

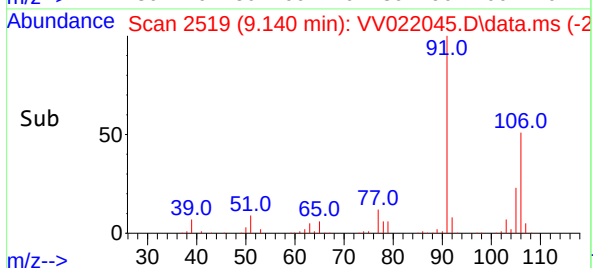
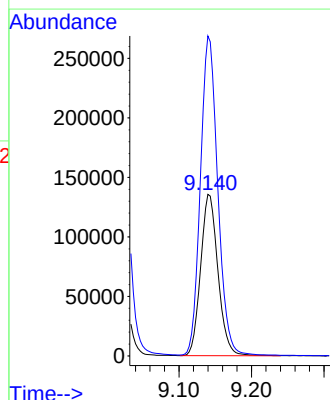
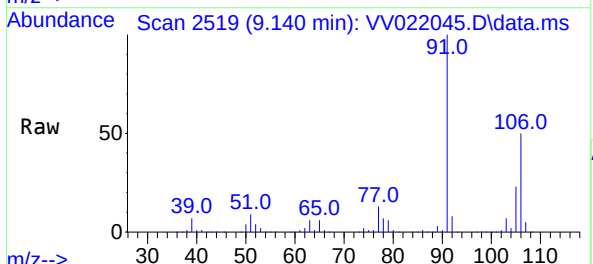
Manual Integrations
APPROVED

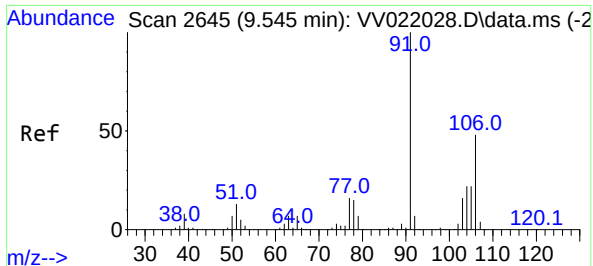
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#53
m,p-Xylene
Concen: 48.274 ug/L
RT: 9.140 min Scan# 2519
Delta R.T. 0.000 min
Lab File: VV022045.D
Acq: 31 Aug 2021 16:56

Tgt Ion: 106 Resp: 224805
Ion Ratio Lower Upper
106 100
91 198.1 139.1 258.3





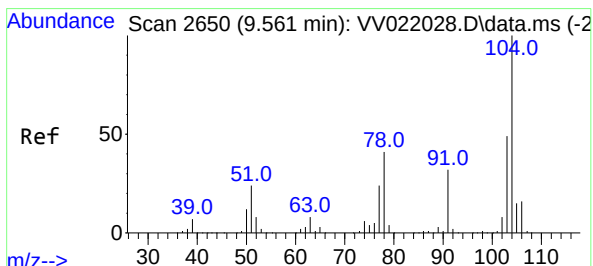
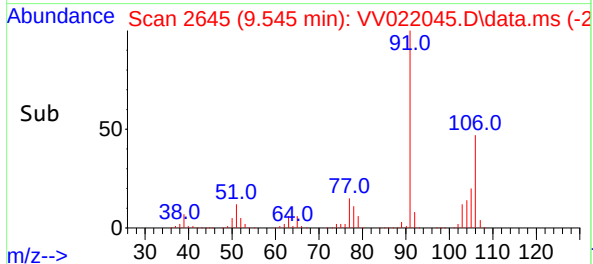
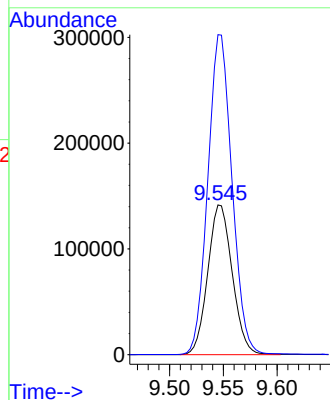
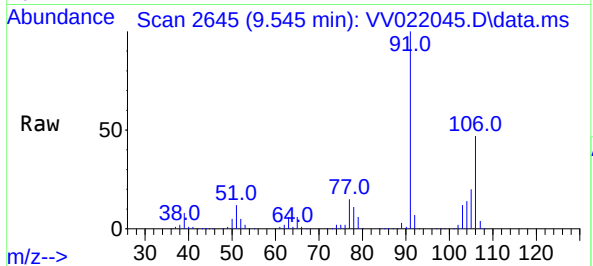
#54
o-Xylene
Concen: 48.724 ug/L
RT: 9.545 min Scan# 2645
Delta R.T. 0.000 min
Lab File: VV022045.D
Acq: 31 Aug 2021 16:56

Tgt Ion:106 Resp: 224506
Ion Ratio Lower Upper
106 100
91 213.7 150.1 278.9

Instrument :
MSVOA_V
ClientSampled :
GB6C0MS

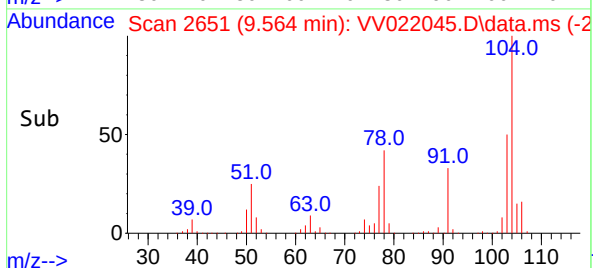
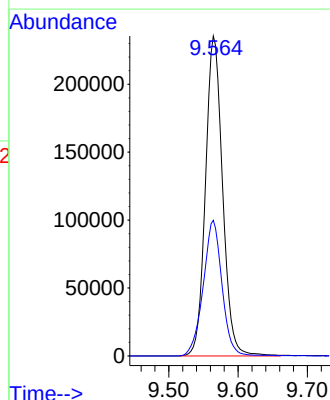
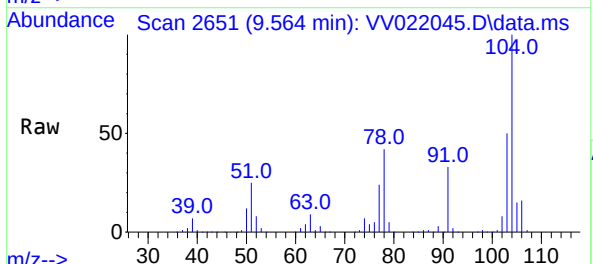
Manual Integrations
APPROVED

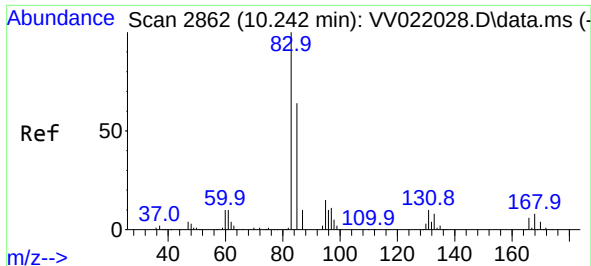
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#55
Styrene
Concen: 51.292 ug/L
RT: 9.564 min Scan# 2651
Delta R.T. 0.003 min
Lab File: VV022045.D
Acq: 31 Aug 2021 16:56

Tgt Ion:104 Resp: 403334
Ion Ratio Lower Upper
104 100
78 42.4 28.6 53.2





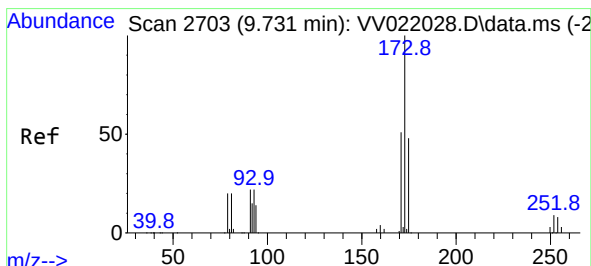
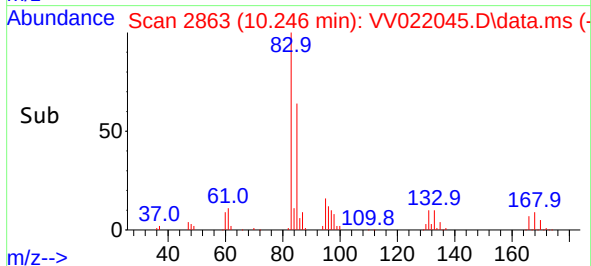
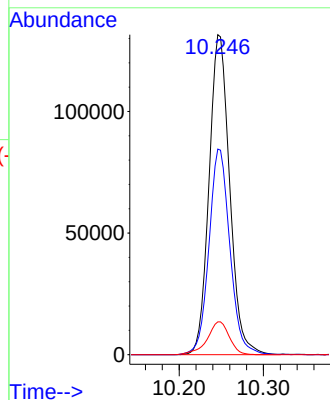
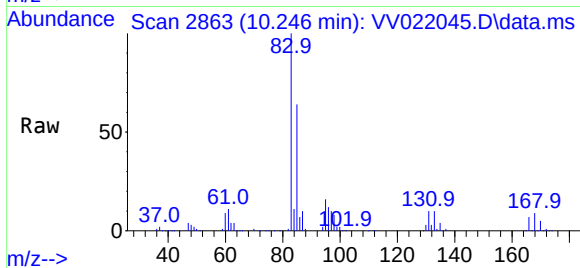
#57
1,1,2,2-Tetrachloroethane
Concen: 57.099 ug/L
RT: 10.246 min Scan# 2863
Delta R.T. 0.003 min
Lab File: VV022045.D
Acq: 31 Aug 2021 16:56

Tgt Ion: 83 Resp: 223760
Ion Ratio Lower Upper
83 100
85 64.2 44.7 83.1
131 10.2 8.2 12.2

Instrument :
MSVOA_V
ClientSampleId :
GB6C0MS

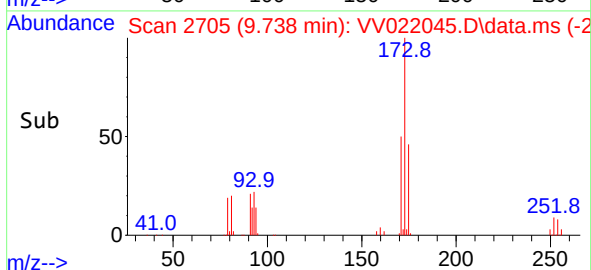
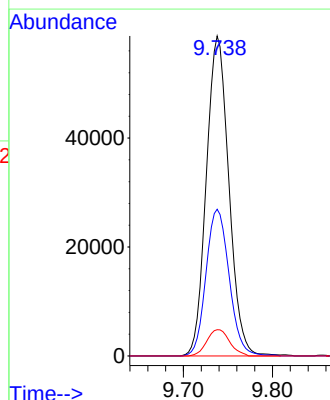
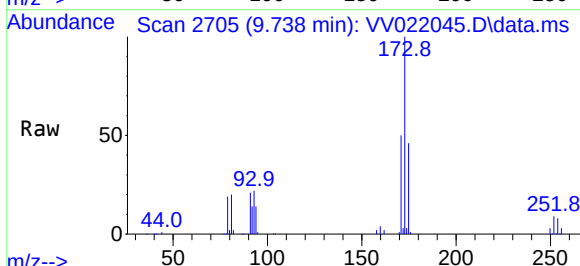
Manual Integrations
APPROVED

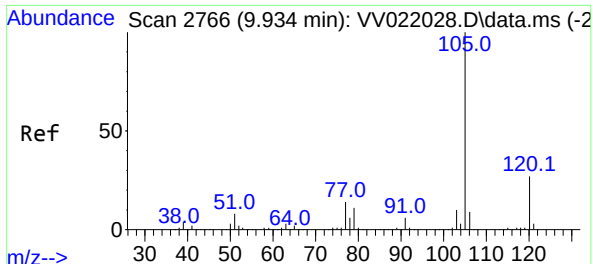
MMDadoda
9/1/2021 12:30:01 PM



#59
Bromoform
Concen: 46.256 ug/L
RT: 9.738 min Scan# 2705
Delta R.T. 0.007 min
Lab File: VV022045.D
Acq: 31 Aug 2021 16:56

Tgt Ion:173 Resp: 103209
Ion Ratio Lower Upper
173 100
175 47.0 38.8 58.2
254 8.3 7.0 10.4





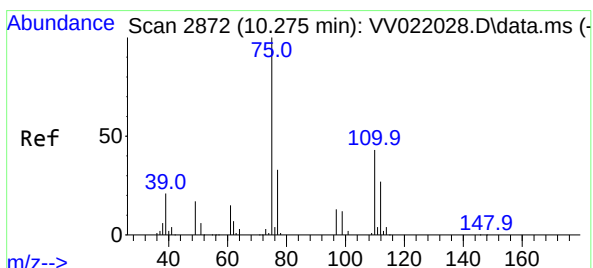
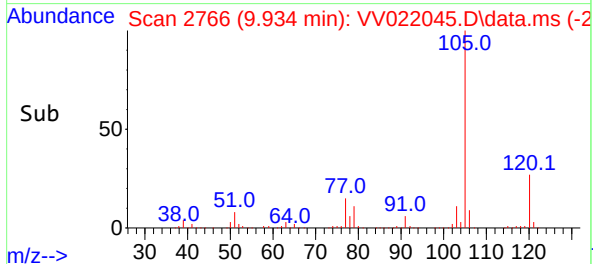
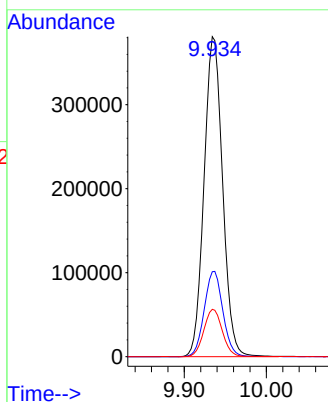
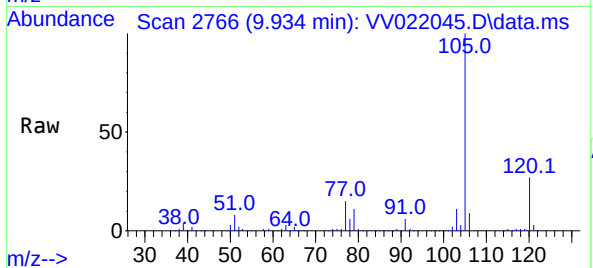
#60
Isopropylbenzene
Concen: 45.266 ug/L
RT: 9.934 min Scan# 2766
Delta R.T. 0.000 min
Lab File: VV022045.D
Acq: 31 Aug 2021 16:56

Tgt Ion:	105	Resp:	597528
Ion Ratio	Lower	Upper	
105	100		
120	26.8	21.5	32.3
77	14.8	11.8	17.6

Instrument :
MSVOA_V
ClientSampleId :
GB6C0MS

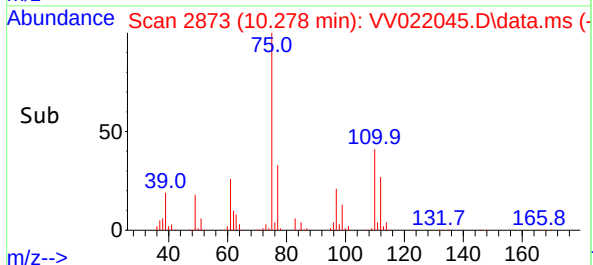
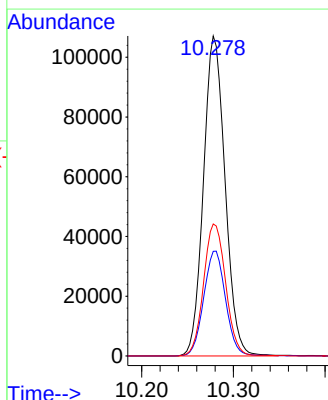
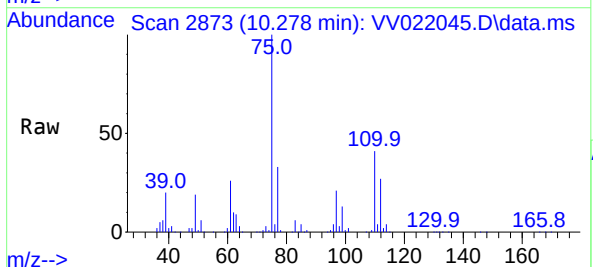
Manual Integrations
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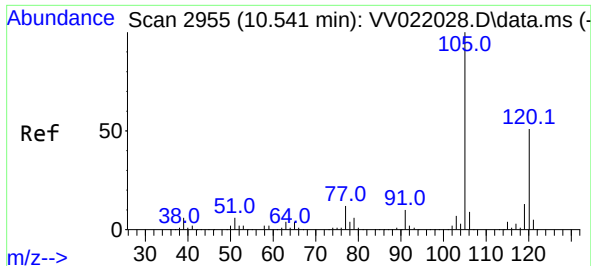
MMDadoda
9/1/2021 12:30:01 PM



#61
1,2,3-Trichloropropane
Concen: 48.243 ug/L
RT: 10.278 min Scan# 2873
Delta R.T. 0.003 min
Lab File: VV022045.D
Acq: 31 Aug 2021 16:56

Tgt Ion:	75	Resp:	175652
Ion Ratio	Lower	Upper	
75	100		
77	33.1	26.2	39.2
110	42.1	33.8	50.6





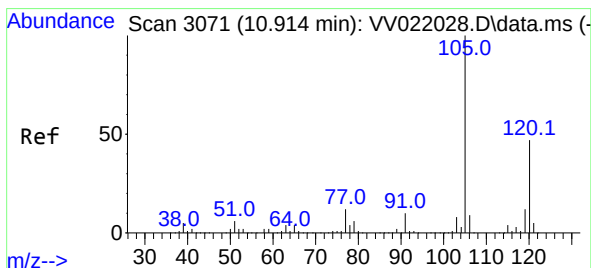
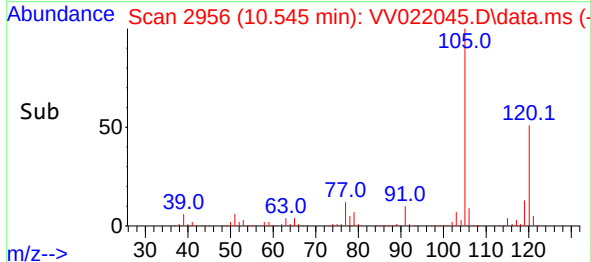
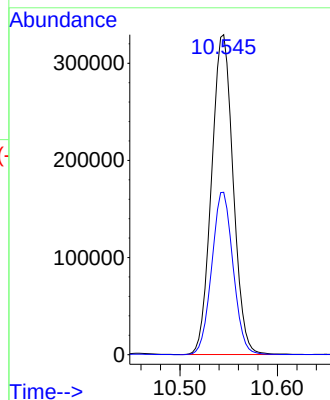
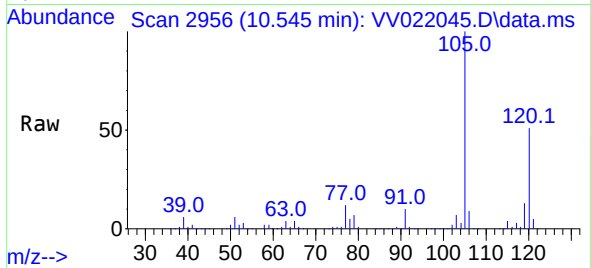
#62
1,3,5-Trimethylbenzene
Concen: 45.723 ug/L
RT: 10.545 min Scan# 2956
Delta R.T. 0.003 min
Lab File: VV022045.D
Acq: 31 Aug 2021 16:56

Tgt Ion:105 Resp: 506713
Ion Ratio Lower Upper
105 100
120 50.3 39.6 59.4

Instrument :
MSVOA_V
ClientSampleId :
GB6C0MS

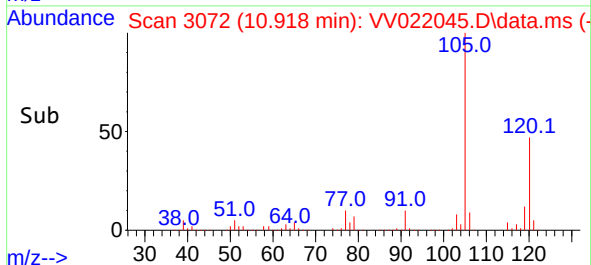
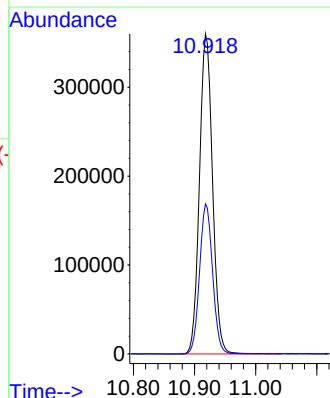
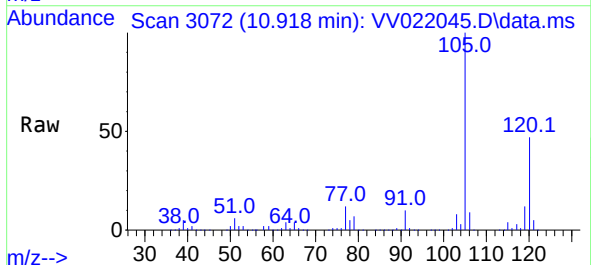
Manual Integrations
APPROVED

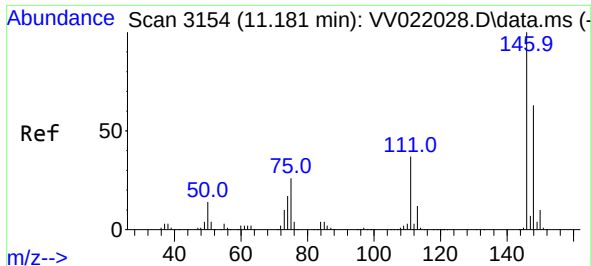
MMDadoda
9/1/2021 12:30:01 PM



#63
1,2,4-Trimethylbenzene
Concen: 47.483 ug/L
RT: 10.918 min Scan# 3072
Delta R.T. 0.003 min
Lab File: VV022045.D
Acq: 31 Aug 2021 16:56

Tgt Ion:105 Resp: 534859
Ion Ratio Lower Upper
105 100
120 46.6 37.4 56.0





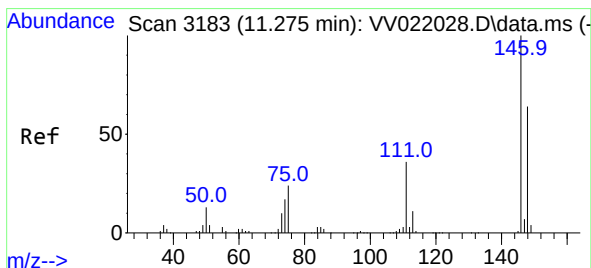
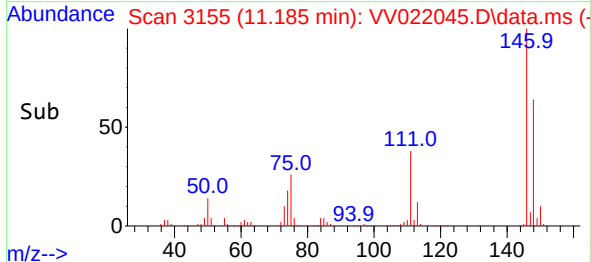
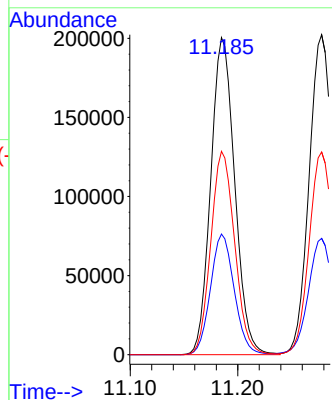
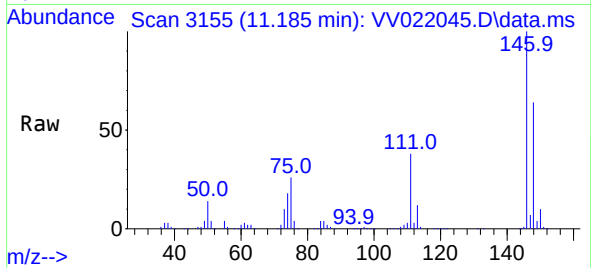
#64
1,3-Dichlorobenzene
Concen: 46.350 ug/L
RT: 11.185 min Scan# 3155
Delta R.T. 0.003 min
Lab File: VV022045.D
Acq: 31 Aug 2021 16:56

Tgt Ion:146 Resp: 310645
Ion Ratio Lower Upper
146 100
111 38.0 26.9 50.1
148 64.1 45.5 84.5

Instrument :
MSVOA_V
ClientSampleId :
GB6C0MS

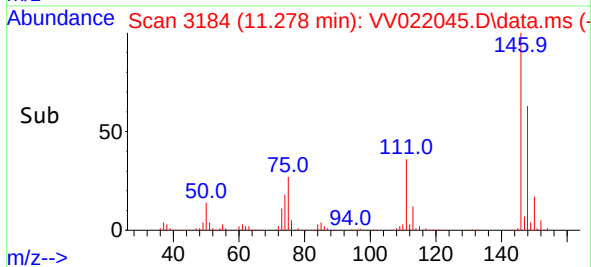
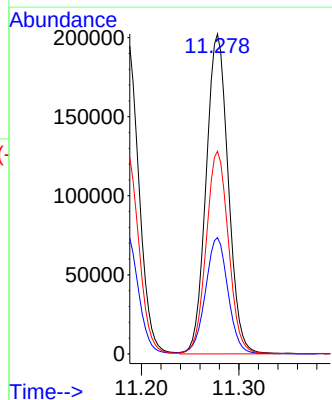
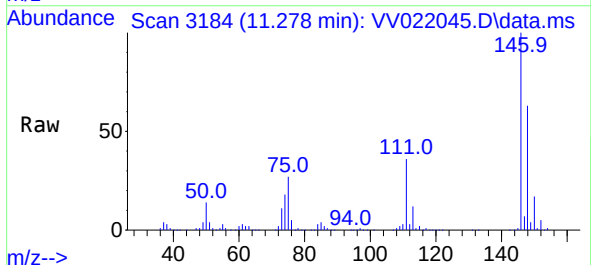
Manual Integrations
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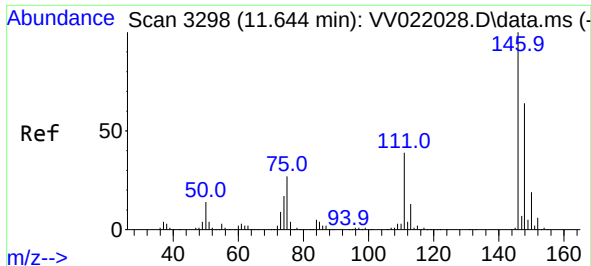
MMDadoda
9/1/2021 12:30:01 PM



#65
1,4-Dichlorobenzene
Concen: 46.593 ug/L
RT: 11.278 min Scan# 3184
Delta R.T. 0.003 min
Lab File: VV022045.D
Acq: 31 Aug 2021 16:56

Tgt Ion:146 Resp: 319543
Ion Ratio Lower Upper
146 100
111 36.3 25.3 46.9
148 63.4 44.4 82.5





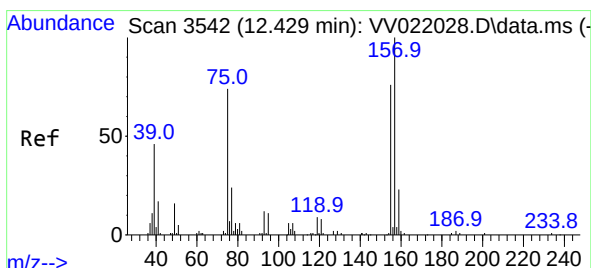
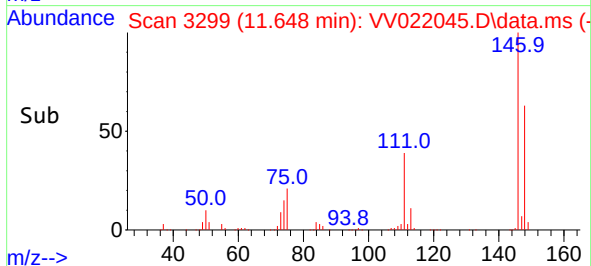
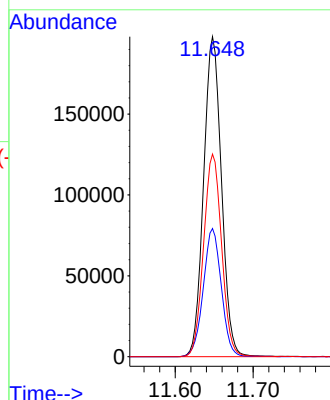
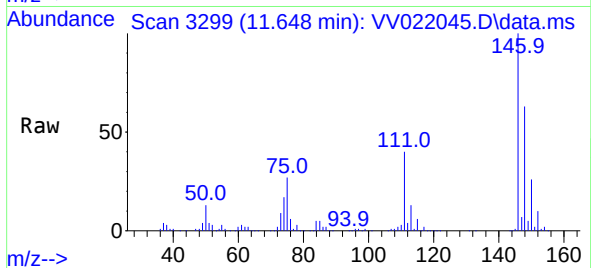
#67
1,2-Dichlorobenzene
Concen: 47.350 ug/L
RT: 11.648 min Scan# 3299
Delta R.T. 0.003 min
Lab File: VV022045.D
Acq: 31 Aug 2021 16:56

Tgt Ion: 146 Resp: 315108
Ion Ratio Lower Upper
146 100
111 40.1 31.6 47.4
148 63.3 50.6 75.8

Instrument :
MSVOA_V
ClientSampled :
GB6C0MS

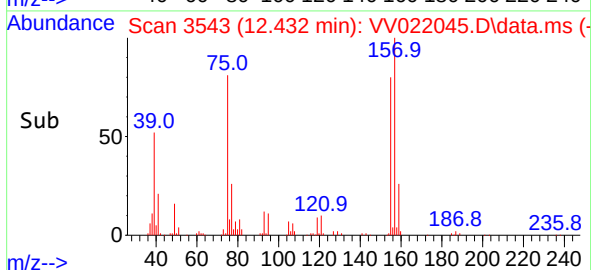
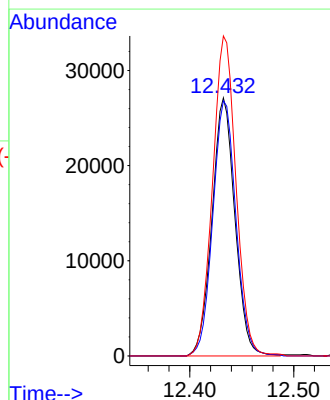
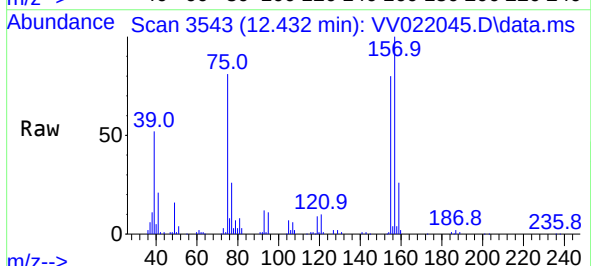
Manual Integrations
APPROVED

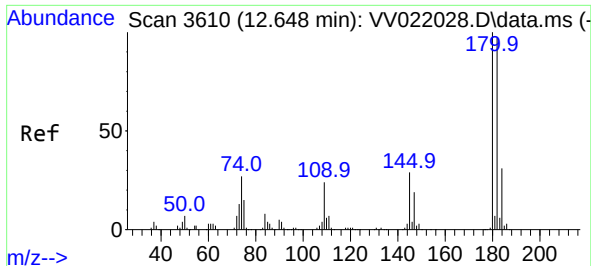
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9/1/2021 12:30:01 PM



#68
1,2-Dibromo-3-chloropropane
Concen: 47.338 ug/L
RT: 12.432 min Scan# 3543
Delta R.T. 0.003 min
Lab File: VV022045.D
Acq: 31 Aug 2021 16:56

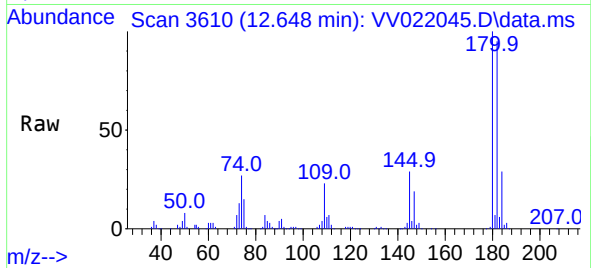
Tgt Ion: 75 Resp: 41539
Ion Ratio Lower Upper
75 100
155 98.9 79.8 119.6
157 124.0 98.3 147.5





#69
1,3,5-Trichlorobenzene
Concen: 45.299 ug/L
RT: 12.648 min Scan# 3610
Delta R.T. 0.000 min
Lab File: VV022045.D
Acq: 31 Aug 2021 16:56

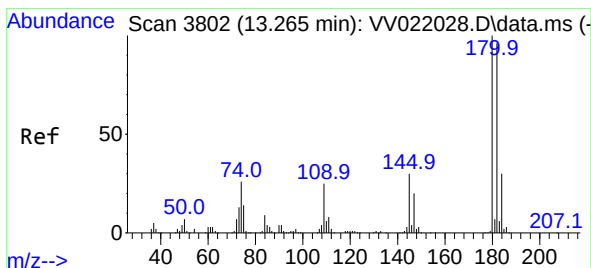
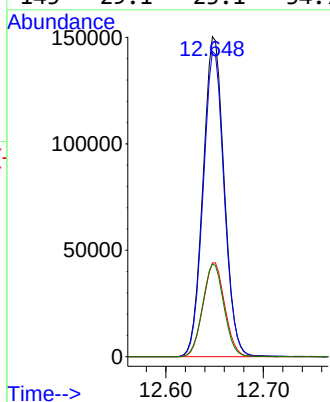
Instrument :
MSVOA_V
ClientSampleId :
GB6C0MS



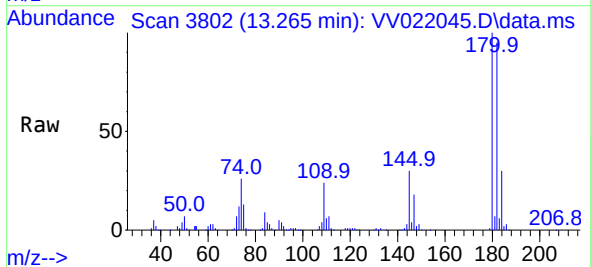
Tgt Ion:	180	Resp:	227019
Ion Ratio	Lower	Upper	
180	100		
182	94.9	76.4	114.6
184	30.0	24.0	36.0
145	29.1	23.1	34.7

Manual Integrations
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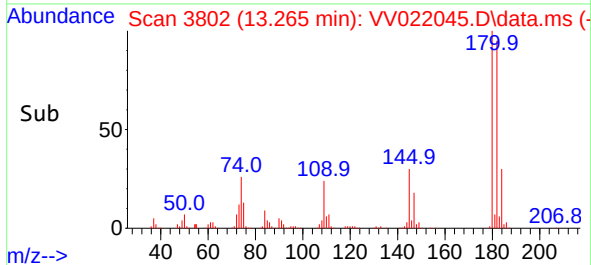
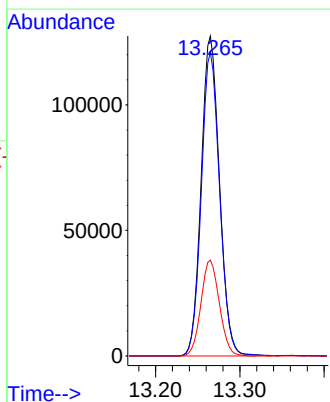
MMDadoda
9/1/2021 12:30:01 PM

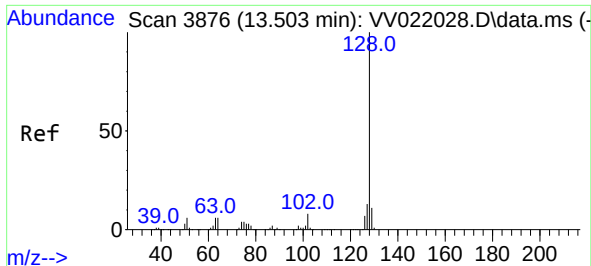


#70
1,2,4-trichlorobenzene
Concen: 43.837 ug/L
RT: 13.265 min Scan# 3802
Delta R.T. 0.000 min
Lab File: VV022045.D
Acq: 31 Aug 2021 16:56

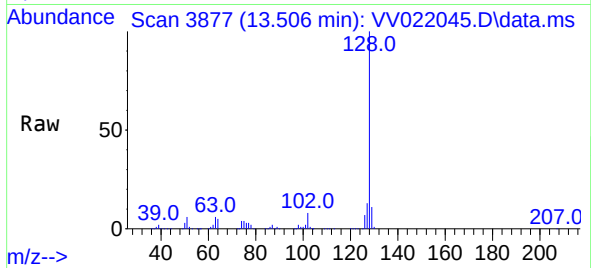


Tgt Ion:	180	Resp:	193258
Ion Ratio	Lower	Upper	
180	100		
182	94.6	75.9	113.9
145	30.1	23.8	35.6

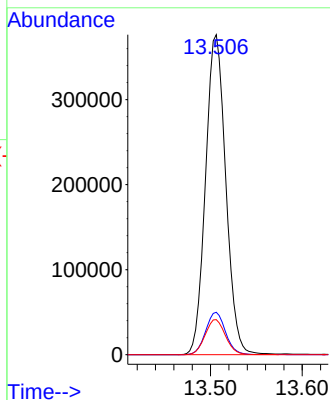




#71
Naphthalene
Concen: 45.630 ug/L
RT: 13.506 min Scan# 3877
Delta R.T. 0.003 min
Lab File: VV022045.D
Acq: 31 Aug 2021 16:56



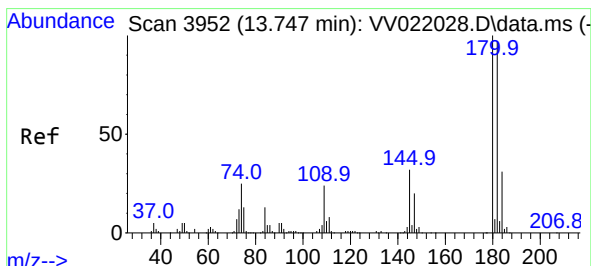
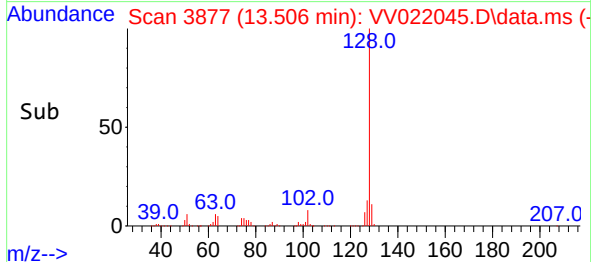
Tgt Ion:128 Resp: 578665
Ion Ratio Lower Upper
128 100
127 13.0 10.1 15.1
129 11.0 8.7 13.1



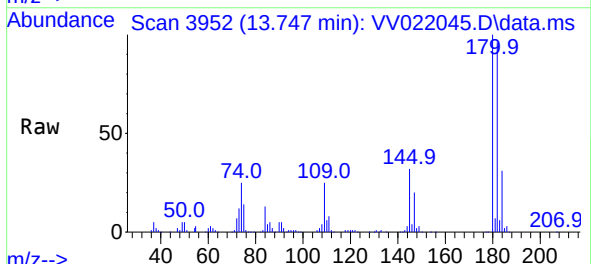
Instrument :
MSVOA_V
ClientSampleId :
GB6C0MS

Manual Integrations
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9/1/2021 12:30:01 PM



#72
1,2,3-Trichlorobenzene
Concen: 44.256 ug/L
RT: 13.747 min Scan# 3952
Delta R.T. 0.000 min
Lab File: VV022045.D
Acq: 31 Aug 2021 16:56



Tgt Ion:180 Resp: 190301
Ion Ratio Lower Upper
180 100
182 96.7 76.3 114.5
145 32.1 25.4 38.0

