

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW083121\
 Data File : VW022046.D
 Acq On : 31 Aug 2021 17:20
 Operator : SY/MD
 Sample : M3579-20MSD
 Misc : 6.43g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 GB6C0MSD

Manual Integrations
 APPROVED

Quant Time: Sep 01 02:46:27 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

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9/1/2021 12:30:14 PM

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

Internal Standards						
1) 1,4-Difluorobenzene	5.613	114	366679	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.857	117	361282	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.252	152	211843	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	64975	25.588	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	51.180%#
7) Chloroethane-d5	1.529	69	20723	10.450	ug/L	-0.03
Spiked Amount	50.000	Range	70 - 130	Recovery	=	20.900%#
11) 1,1-Dichloroethene-d2	2.079	63	133363	31.756	ug/L	-0.03
Spiked Amount	50.000	Range	60 - 125	Recovery	=	63.520%
21) 2-Butanone-d5	3.892	46	161139	92.529	ug/L	0.02
Spiked Amount	100.000	Range	40 - 130	Recovery	=	92.530%
24) Chloroform-d	4.346	84	173172	37.401	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	74.800%
26) 1,2-Dichloroethane-d4	5.027	65	106947	39.214	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	78.420%
32) Benzene-d6	5.043	84	329073	33.582	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	67.160%#
36) 1,2-Dichloropropane-d6	6.069	67	112769	36.593	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	73.180%
41) Toluene-d8	7.317	98	295285	31.922	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	63.840%#
43) trans-1,3-Dichloroprop...	7.625	79	54454	37.125	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	74.260%
47) 2-Hexanone-d5	8.101	63	127695	107.992	ug/L	0.01
Spiked Amount	100.000	Range	45 - 130	Recovery	=	107.990%
56) 1,1,2,2-Tetrachloroeth...	10.223	84	197854	50.130	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	100.260%
66) 1,2-Dichlorobenzene-d4	11.628	152	155597	37.362	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	74.720%#
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.121	85	107209	42.535	ug/L	100
3) Chloromethane	1.233	50	123048	46.104	ug/L	99
5) Vinyl chloride	1.304	62	125101	46.505	ug/L	98
6) Bromomethane	1.491	94	38088	23.550	ug/L	99
8) Chloroethane	1.545	64	24628	14.635	ug/L	96
9) Trichlorofluoromethane	1.693	101	181480	47.374	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.082	101	101799	45.307	ug/L	98
12) 1,1-Dichloroethene	2.085	96	97166	45.940	ug/L #	80
13) Acetone	2.175	43	118968m	81.532	ug/L	
14) Carbon disulfide	2.262	76	277999	43.559	ug/L	100
15) Methyl Acetate	2.429	43	142080	50.000	ug/L	100
16) Methylene chloride	2.491	84	134237	47.371	ug/L	97
17) trans-1,2-Dichloroethene	2.741	96	121880	47.659	ug/L	98
18) Methyl tert-butyl Ether	2.773	73	395807	48.706	ug/L	100
19) 1,1-Dichloroethane	3.175	63	220815	48.480	ug/L	100
20) cis-1,2-Dichloroethene	3.902	96	138448	48.641	ug/L	97
22) 2-Butanone	3.973	43	179513	87.522	ug/L	89
23) Bromochloromethane	4.240	128	73386	48.413	ug/L	97
25) Chloroform	4.371	83	236609	49.073	ug/L	99

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Manual Integrations
 APPROVED

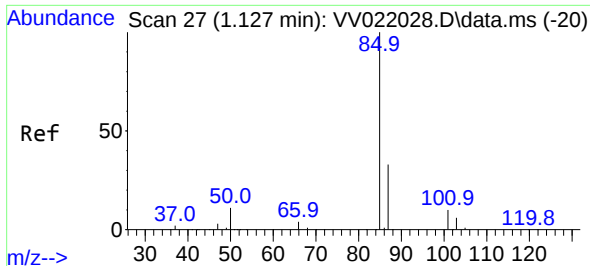
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 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082721WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Sep 01 02:41:24 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.127	62	162672	50.331	ug/L	99
29) Cyclohexane	4.664	56	180915	44.796	ug/L	100
30) 1,1,1-Trichloroethane	4.600	97	195545	45.541	ug/L	99
31) Carbon tetrachloride	4.818	117	165353	44.822	ug/L	100
33) Benzene	5.092	78	496564	47.241	ug/L	100
34) Trichloroethene	5.912	95	134374	45.132	ug/L	99
35) Methylcyclohexane	6.127	83	193248	44.398	ug/L	99
37) 1,2-Dichloropropane	6.172	63	128621	47.206	ug/L	100
38) Bromodichloromethane	6.513	83	161292	46.289	ug/L	100
39) cis-1,3-Dichloropropene	7.027	75	199788	47.493	ug/L	99
40) 4-Methyl-2-pentanone	7.236	43	391956	106.109	ug/L	100
42) Toluene	7.387	91	537878	47.412	ug/L	100
44) trans-1,3-Dichloropropene	7.654	75	188486	48.142	ug/L	98
45) 1,1,2-Trichloroethane	7.844	97	137408	49.564	ug/L	99
46) Tetrachloroethene	7.976	164	105854	45.723	ug/L	98
48) 2-Hexanone	8.153	43	300263	104.765	ug/L	98
49) Dibromochloromethane	8.249	129	142133	47.895	ug/L	99
50) 1,2-Dibromoethane	8.355	107	146640	49.284	ug/L	99
51) Chlorobenzene	8.883	112	368555	48.319	ug/L	100
52) Ethylbenzene	9.014	91	588422	47.914	ug/L	98
53) m,p-Xylene	9.140	106	231578	48.515	ug/L	99
54) o-Xylene	9.548	106	226832	48.028	ug/L	98
55) Styrene	9.564	104	407465	50.553	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.249	83	224014	55.769	ug/L	99
59) Bromoform	9.738	173	104536	46.461	ug/L	100
60) Isopropylbenzene	9.934	105	614566	46.169	ug/L	100
61) 1,2,3-Trichloropropane	10.278	75	177517	48.350	ug/L	99
62) 1,3,5-Trimethylbenzene	10.542	105	515739	46.150	ug/L	99
63) 1,2,4-Trimethylbenzene	10.918	105	536634	47.244	ug/L	100
64) 1,3-Dichlorobenzene	11.185	146	315826	46.730	ug/L	98
65) 1,4-Dichlorobenzene	11.278	146	321623	46.505	ug/L	99
67) 1,2-Dichlorobenzene	11.648	146	322539	48.063	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.432	75	42683	48.237	ug/L	98
69) 1,3,5-Trichlorobenzene	12.648	180	233739	46.252	ug/L	100
70) 1,2,4-trichlorobenzene	13.265	180	202735	45.604	ug/L	99
71) Naphthalene	13.506	128	606009	47.388	ug/L	100
72) 1,2,3-Trichlorobenzene	13.747	180	201468	46.463	ug/L	99

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

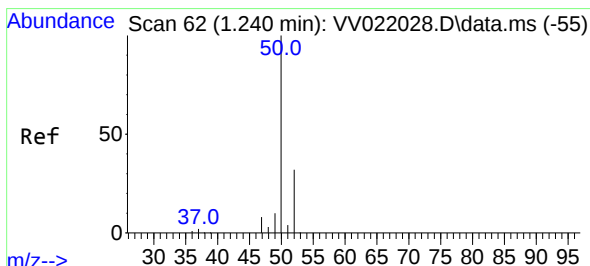
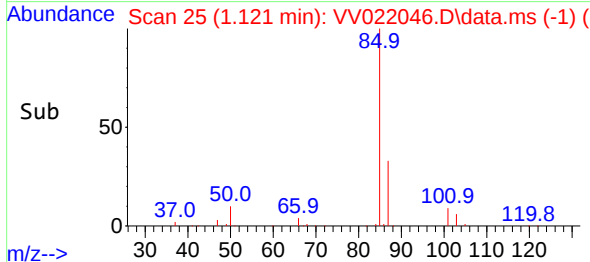
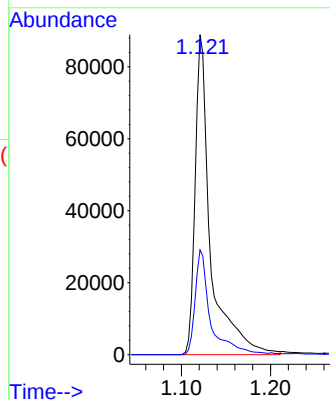
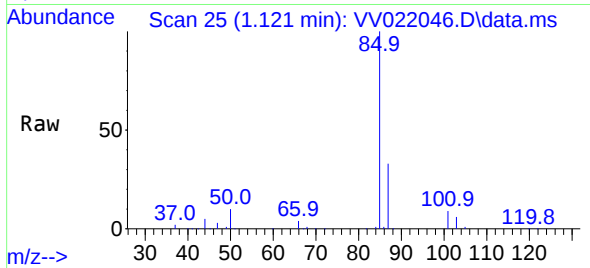


#2
Dichlorodifluoromethane
Concen: 42.535 ug/L
RT: 1.121 min Scan# 25
Delta R.T. -0.006 min
Lab File: VV022046.D
Acq: 31 Aug 2021 17:20

Tgt Ion: 85 Resp: 107209
Ion Ratio Lower Upper
85 100
87 32.7 26.0 39.0

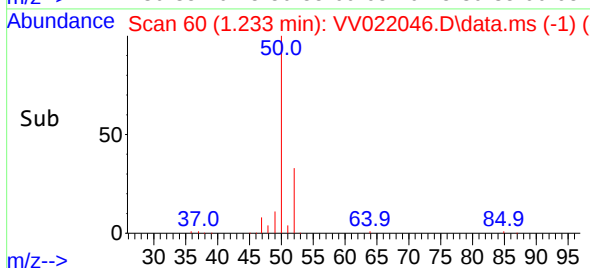
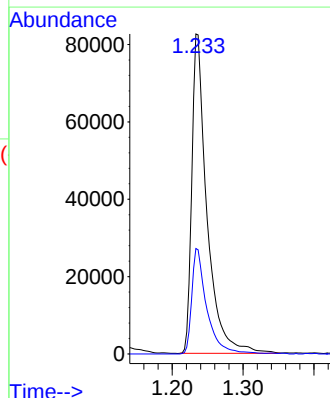
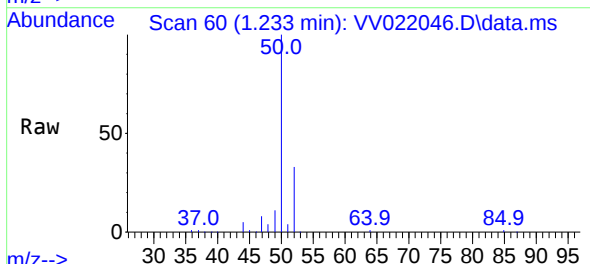
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MSVOA_V
ClientSampleId :
GB6C0MSD

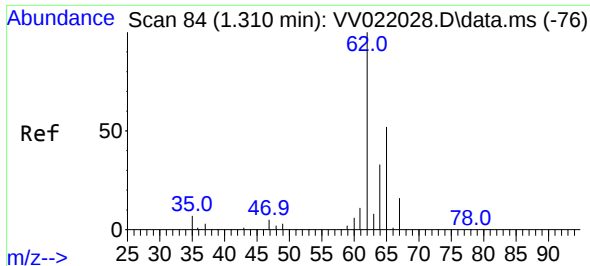
Manual Integrations
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#3
Chloromethane
Concen: 46.104 ug/L
RT: 1.233 min Scan# 60
Delta R.T. -0.006 min
Lab File: VV022046.D
Acq: 31 Aug 2021 17:20

Tgt Ion: 50 Resp: 123048
Ion Ratio Lower Upper
50 100
52 33.0 22.5 41.9



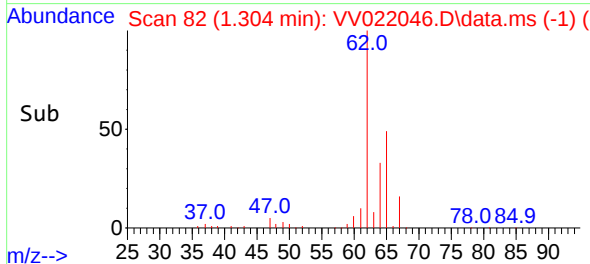
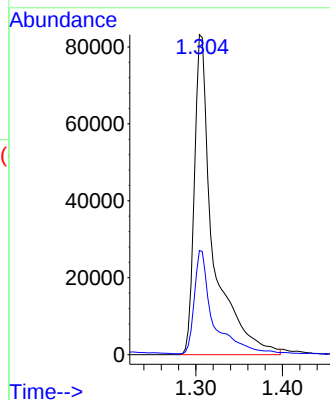
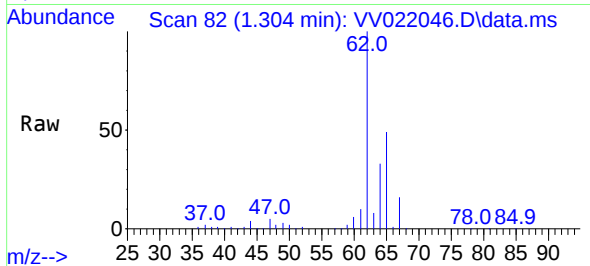


#5
 Vinyl chloride
 Concen: 46.505 ug/L
 RT: 1.304 min Scan# 82
 Delta R.T. -0.006 min
 Lab File: VV022046.D
 Acq: 31 Aug 2021 17:20

Tgt Ion: 62 Resp: 125101
 Ion Ratio Lower Upper
 62 100
 64 32.5 23.4 43.6

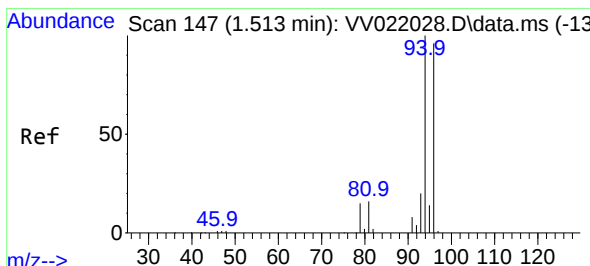
Instrument :
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 ClientSampleId :
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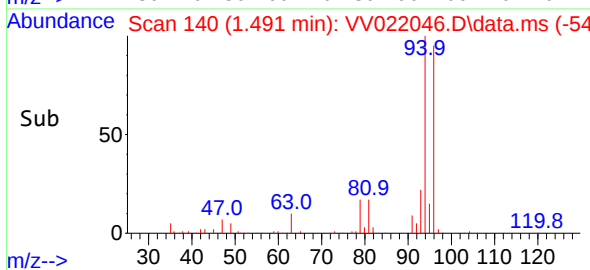
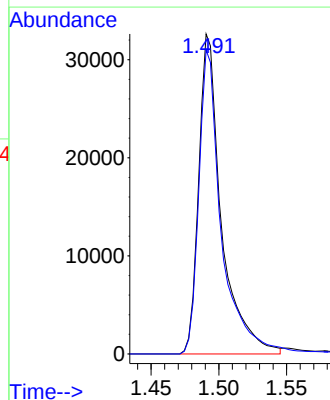
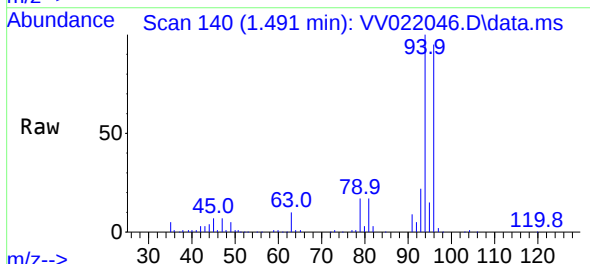
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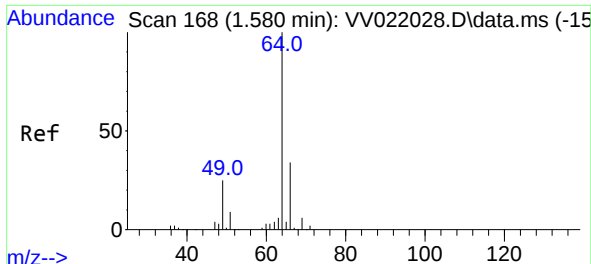
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#6
 Bromomethane
 Concen: 23.550 ug/L
 RT: 1.491 min Scan# 140
 Delta R.T. -0.022 min
 Lab File: VV022046.D
 Acq: 31 Aug 2021 17:20

Tgt Ion: 94 Resp: 38088
 Ion Ratio Lower Upper
 94 100
 96 95.0 65.8 122.2



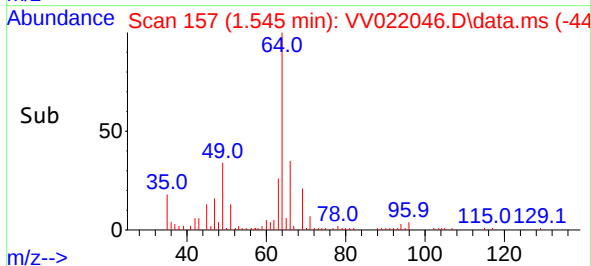
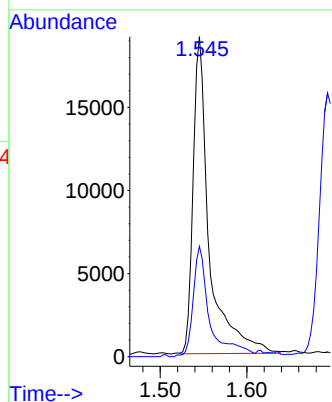
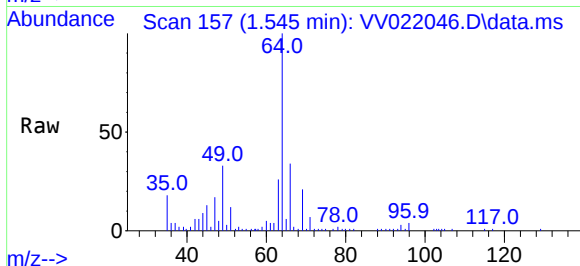


#8
Chloroethane
Concen: 14.635 ug/L
RT: 1.545 min Scan# 157
Delta R.T. -0.035 min
Lab File: VV022046.D
Acq: 31 Aug 2021 17:20

Tgt Ion: 64 Resp: 24628
Ion Ratio Lower Upper
64 100
66 34.5 22.7 42.3

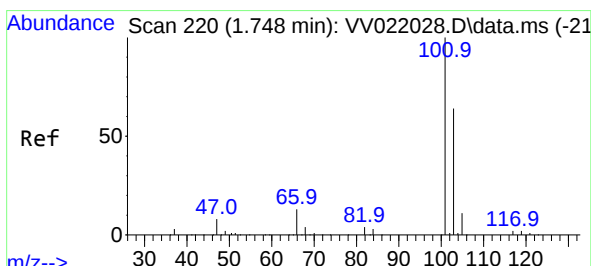
Instrument :
MSVOA_V
ClientSampleId :
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Manual Integrations
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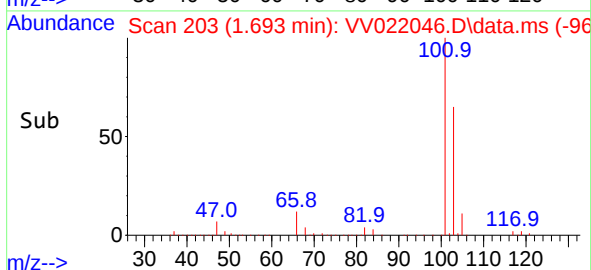
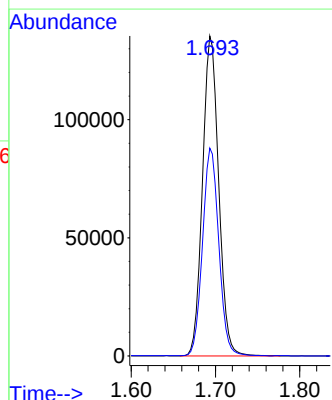
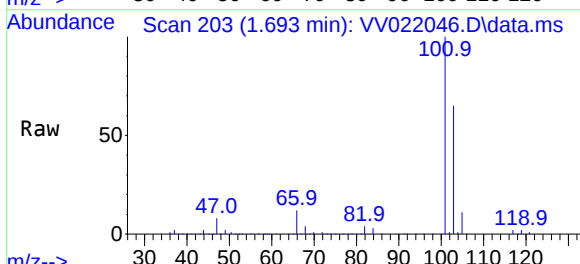
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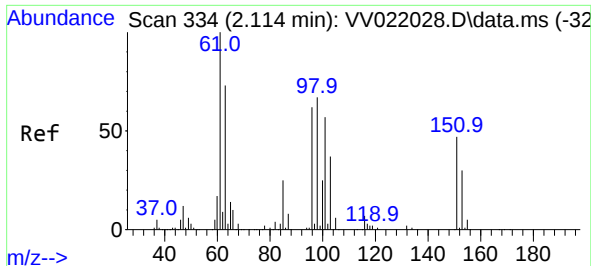
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#9
Trichlorofluoromethane
Concen: 47.374 ug/L
RT: 1.693 min Scan# 203
Delta R.T. -0.054 min
Lab File: VV022046.D
Acq: 31 Aug 2021 17:20

Tgt Ion: 101 Resp: 181480
Ion Ratio Lower Upper
101 100
103 65.0 51.4 77.0



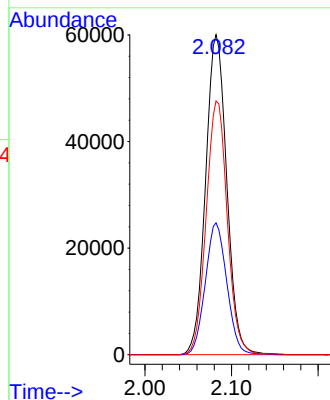
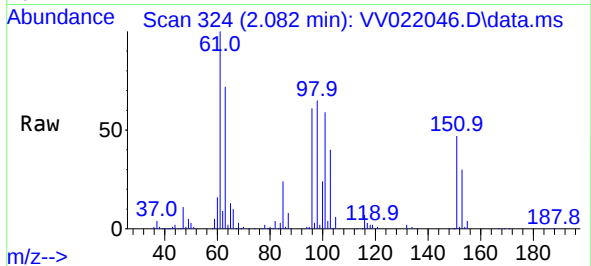


#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 45.307 ug/L
RT: 2.082 min Scan# 324
Delta R.T. -0.032 min
Lab File: VV022046.D
Acq: 31 Aug 2021 17:20

Tgt Ion: 101 Resp: 101799
Ion Ratio Lower Upper
101 100
85 41.9 33.4 50.0
151 79.4 61.7 92.5

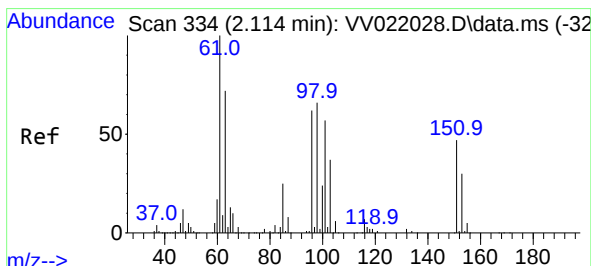
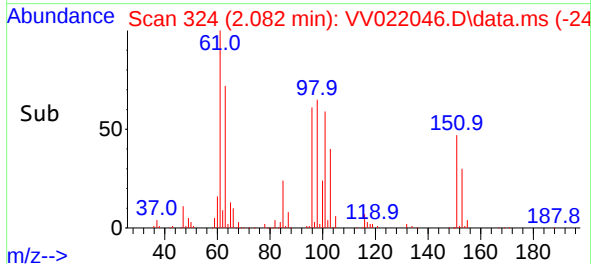
Instrument :
MSVOA_V
ClientSampleId :
GB6C0MSD

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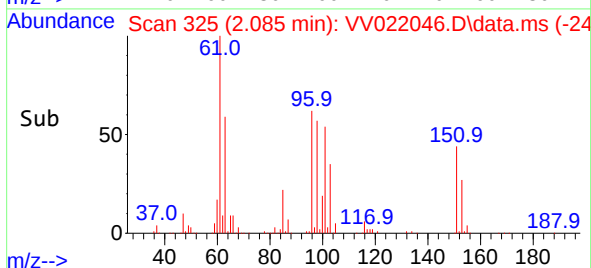
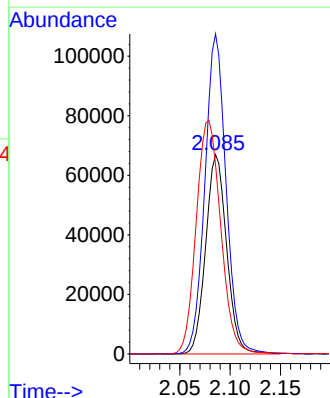
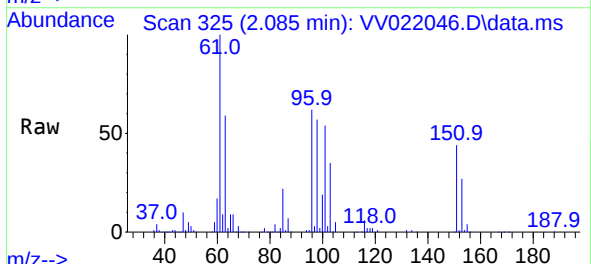
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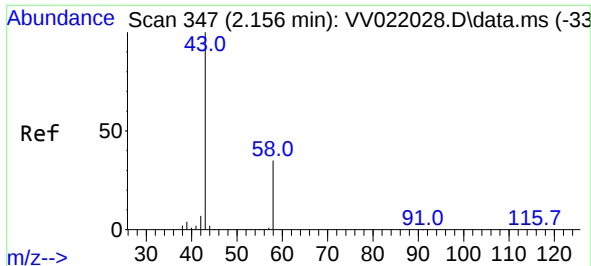
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#12
1,1-Dichloroethene
Concen: 45.940 ug/L
RT: 2.085 min Scan# 325
Delta R.T. -0.029 min
Lab File: VV022046.D
Acq: 31 Aug 2021 17:20

Tgt Ion: 96 Resp: 97166
Ion Ratio Lower Upper
96 100
61 160.5 113.2 210.2
63 94.9 102.3 189.9#



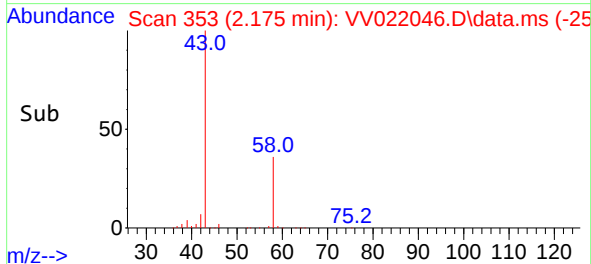
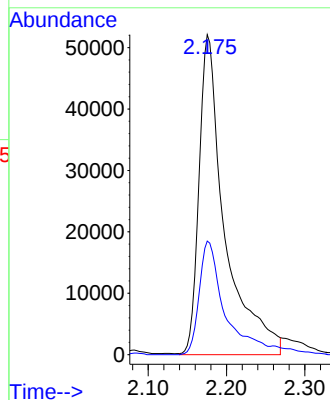
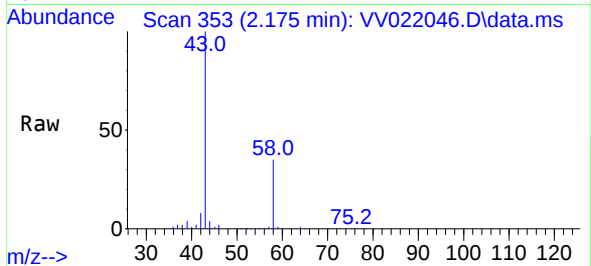


#13
Acetone
Concen: 81.532 ug/L m
RT: 2.175 min Scan# 353
Delta R.T. 0.019 min
Lab File: VV022046.D
Acq: 31 Aug 2021 17:20

Tgt Ion: 43 Resp: 118968
Ion Ratio Lower Upper
43 100
58 0.1 0.0 0.4

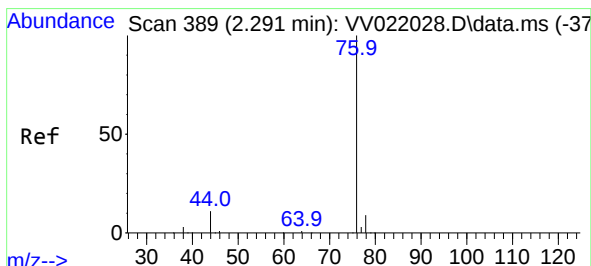
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ClientSampled :
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Manual Integrations
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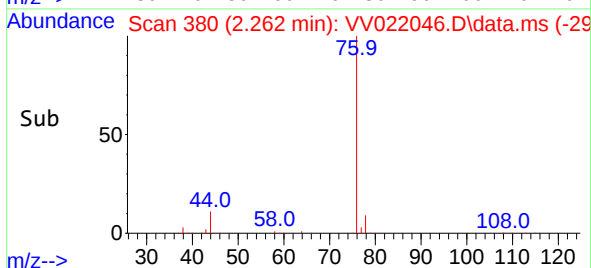
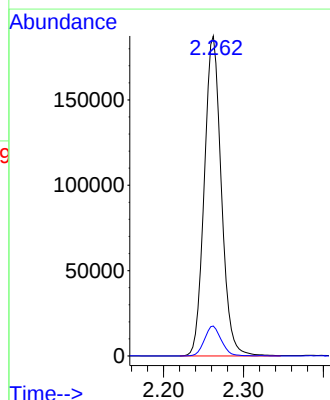
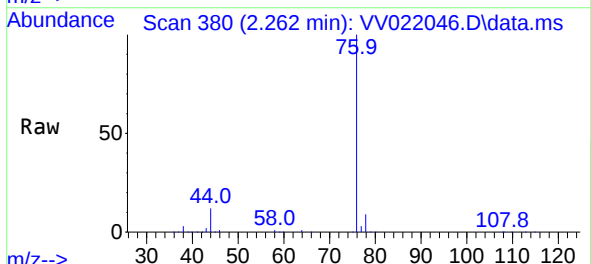
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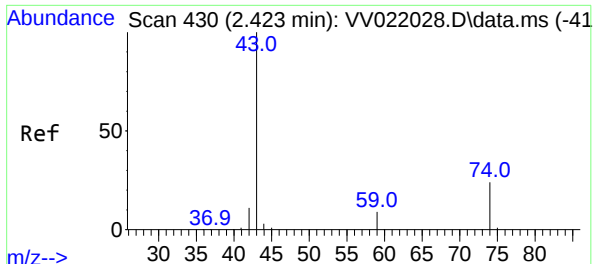
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#14
Carbon disulfide
Concen: 43.559 ug/L
RT: 2.262 min Scan# 380
Delta R.T. -0.029 min
Lab File: VV022046.D
Acq: 31 Aug 2021 17:20

Tgt Ion: 76 Resp: 277999
Ion Ratio Lower Upper
76 100
78 9.4 7.4 11.2



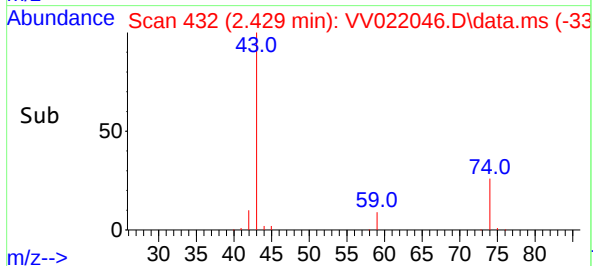
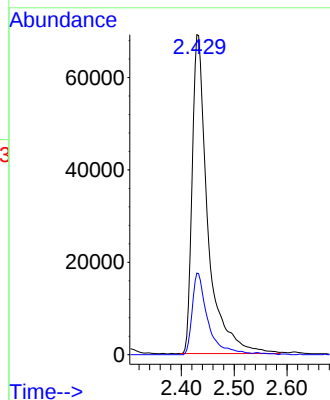
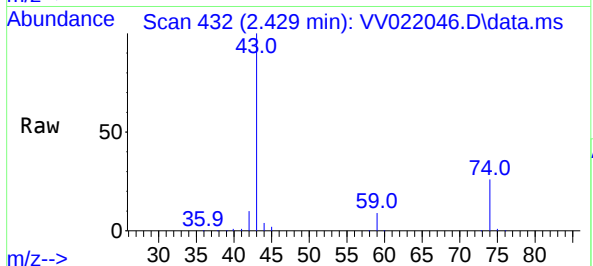


#15
Methyl Acetate
Concen: 50.000 ug/L
RT: 2.429 min Scan# 432
Delta R.T. 0.007 min
Lab File: VV022046.D
Acq: 31 Aug 2021 17:20

Tgt Ion: 43 Resp: 142080
Ion Ratio Lower Upper
43 100
74 25.0 20.2 30.2

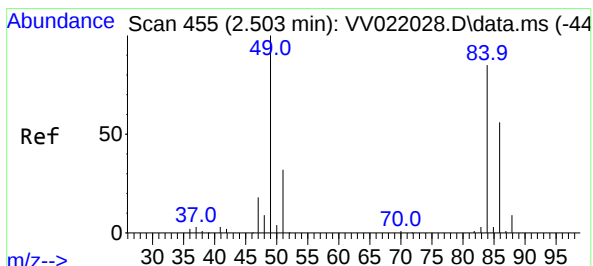
Instrument :
MSVOA_V
ClientSampleId :
GB6C0MSD

Manual Integrations
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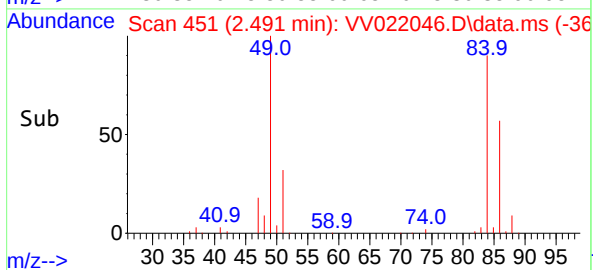
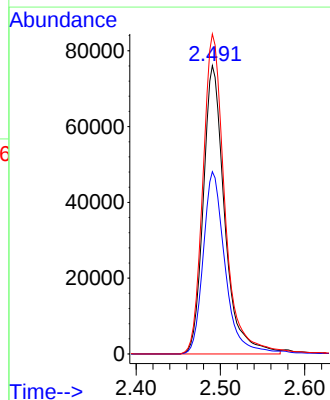
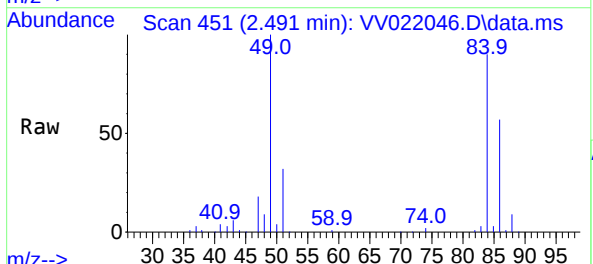
MMDadoda

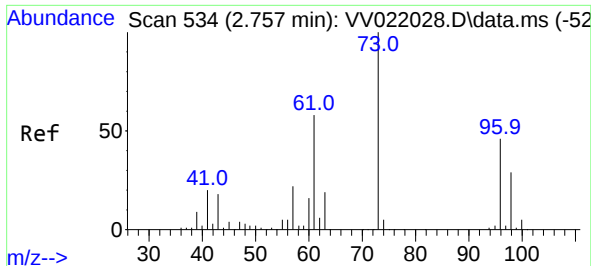
9/1/2021 12:30:14 PM



#16
Methylene chloride
Concen: 47.371 ug/L
RT: 2.491 min Scan# 451
Delta R.T. -0.013 min
Lab File: VV022046.D
Acq: 31 Aug 2021 17:20

Tgt Ion: 84 Resp: 134237
Ion Ratio Lower Upper
84 100
86 63.2 44.8 83.2
49 111.0 80.2 149.0



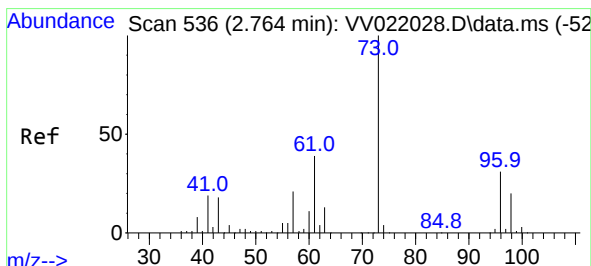
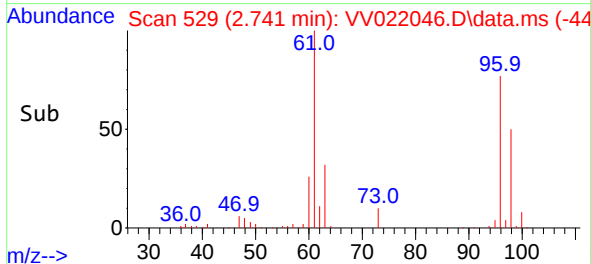
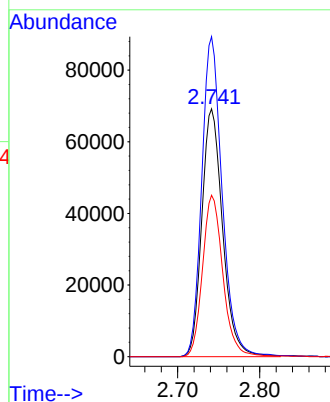
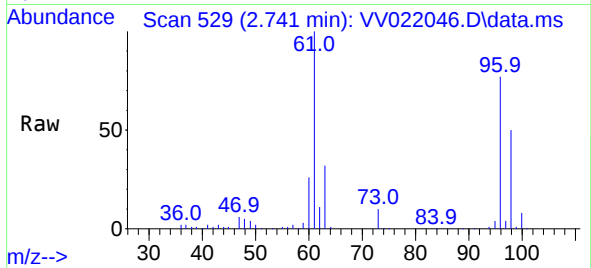


#17
trans-1,2-Dichloroethene
Concen: 47.659 ug/L
RT: 2.741 min Scan# 529
Delta R.T. -0.016 min
Lab File: VV022046.D
Acq: 31 Aug 2021 17:20

Tgt Ion: 96 Resp: 121880
Ion Ratio Lower Upper
96 100
61 129.1 89.1 165.5
98 65.2 43.8 81.3

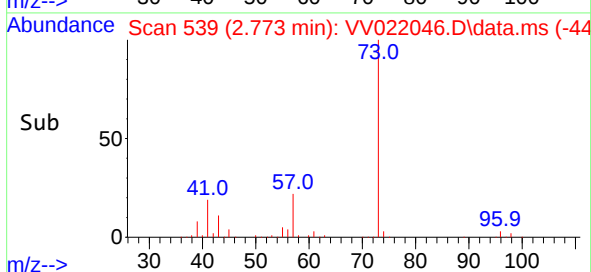
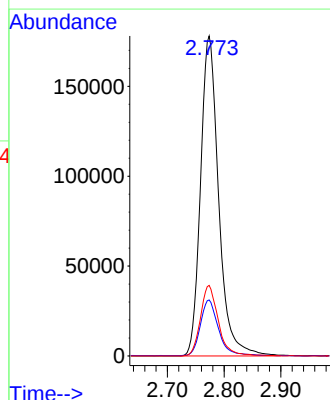
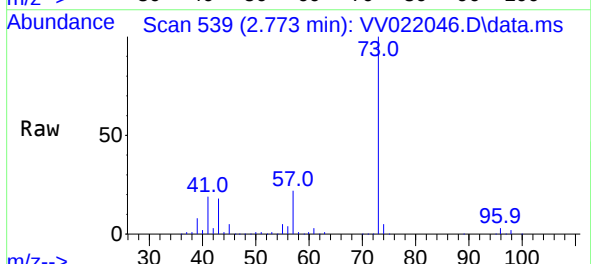
Instrument :
MSVOA_V
ClientSampleId :
GB6C0MSD

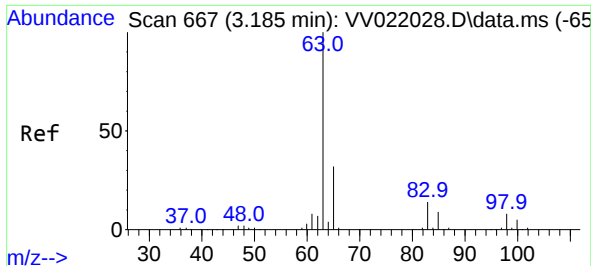
Manual Integrations
APPROVED



#18
Methyl tert-butyl Ether
Concen: 48.706 ug/L
RT: 2.773 min Scan# 539
Delta R.T. 0.010 min
Lab File: VV022046.D
Acq: 31 Aug 2021 17:20

Tgt Ion: 73 Resp: 395807
Ion Ratio Lower Upper
73 100
43 17.1 13.8 20.6
57 21.4 17.1 25.7



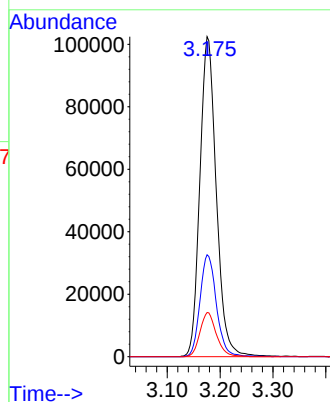
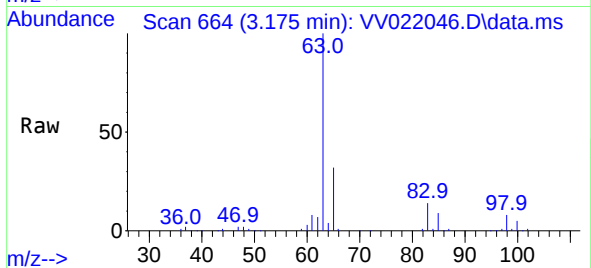


#19
1,1-Dichloroethane
Concen: 48.480 ug/L
RT: 3.175 min Scan# 664
Delta R.T. -0.010 min
Lab File: VV022046.D
Acq: 31 Aug 2021 17:20

Tgt Ion:	63	Resp:	220815
Ion Ratio	Lower	Upper	
63	100		
65	31.9	22.2	41.2
83	13.8	9.7	17.9

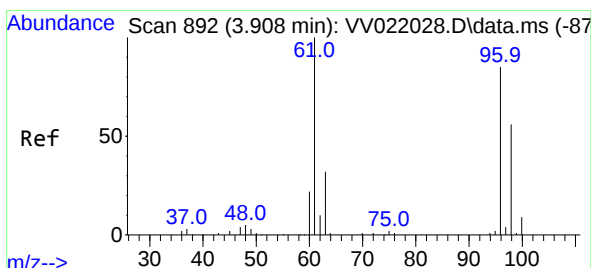
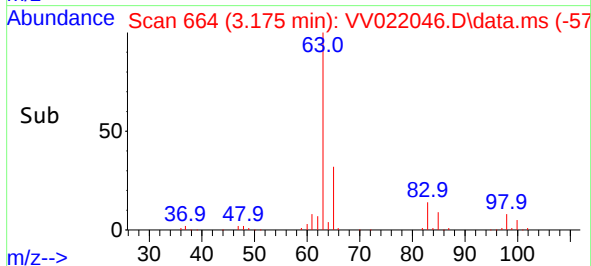
Instrument :
MSVOA_V
ClientSampleId :
GB6C0MSD

Manual Integrations
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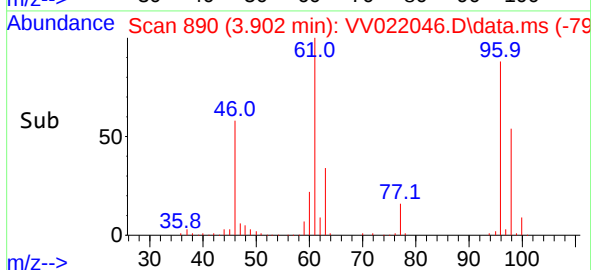
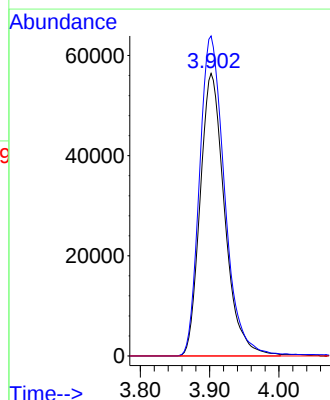
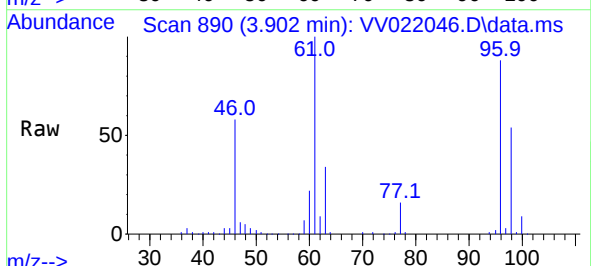
MMDadoda

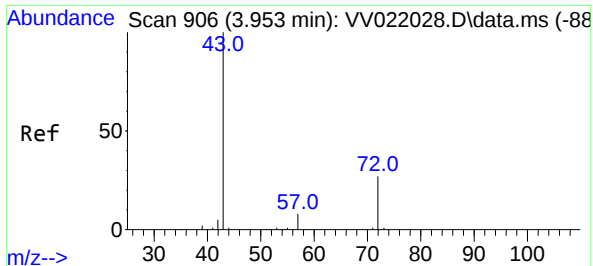
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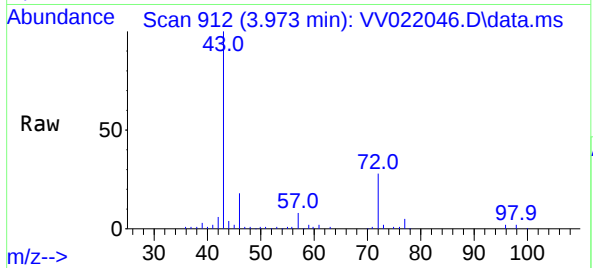
#20
cis-1,2-Dichloroethene
Concen: 48.641 ug/L
RT: 3.902 min Scan# 890
Delta R.T. -0.006 min
Lab File: VV022046.D
Acq: 31 Aug 2021 17:20

Tgt Ion:	96	Resp:	138448
Ion Ratio	Lower	Upper	
96	100		
61	113.2	81.8	152.0
68	0.0	0.0	0.0

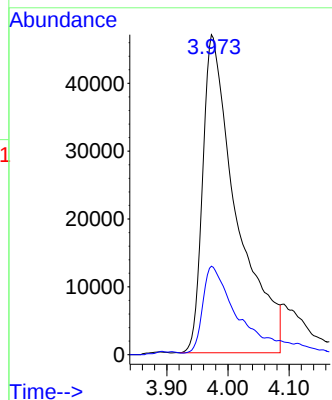




#22
2-Butanone
Concen: 87.522 ug/L
RT: 3.973 min Scan# 912
Delta R.T. 0.019 min
Lab File: VV022046.D
Acq: 31 Aug 2021 17:20



Tgt Ion: 43 Resp: 179513
Ion Ratio Lower Upper
43 100
72 20.7 13.3 39.8

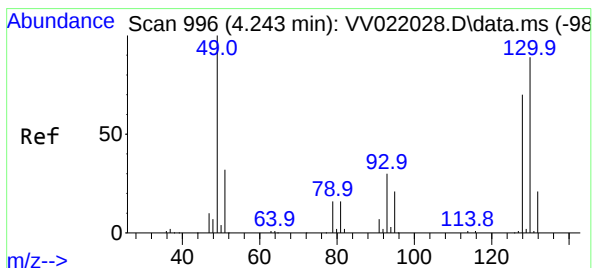


Instrument :
MSVOA_V
ClientSampleId :
GB6C0MSD

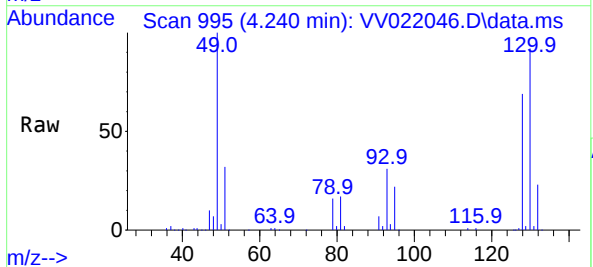
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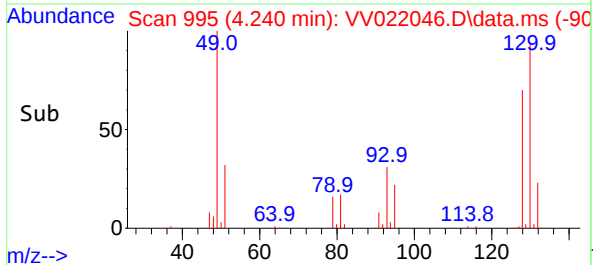
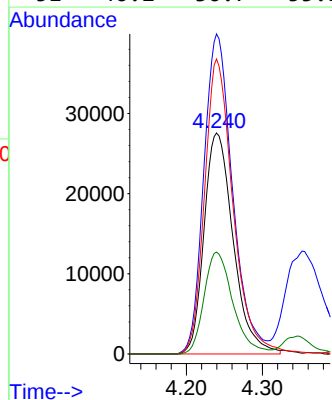
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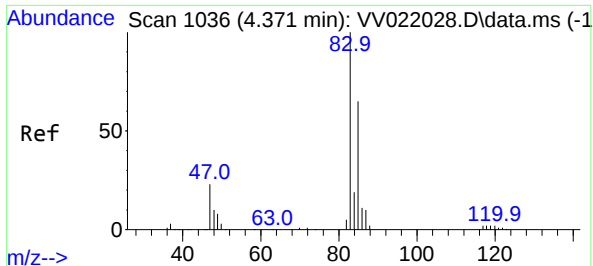


#23
Bromochloromethane
Concen: 48.413 ug/L
RT: 4.240 min Scan# 995
Delta R.T. -0.003 min
Lab File: VV022046.D
Acq: 31 Aug 2021 17:20



Tgt Ion:128 Resp: 73386
Ion Ratio Lower Upper
128 100
49 144.8 101.6 188.8
130 133.6 88.5 164.3
51 46.2 36.7 55.1





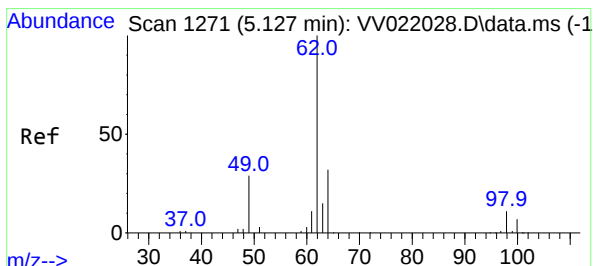
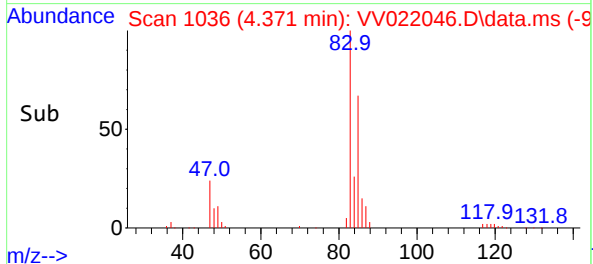
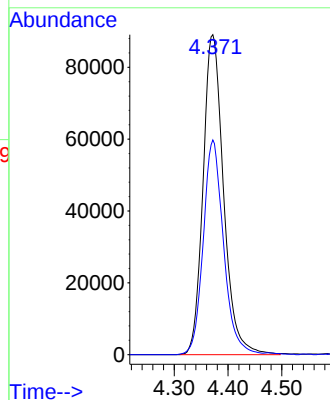
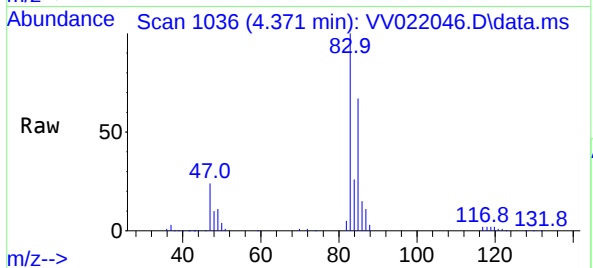
#25

Chloroform
Concen: 49.073 ug/L
RT: 4.371 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VV022046.D
Acq: 31 Aug 2021 17:20

Tgt Ion: 83 Resp: 236609
Ion Ratio Lower Upper
83 100
85 67.1 46.3 85.9

Instrument :
MSVOA_V
ClientSampled :
GB6C0MSD

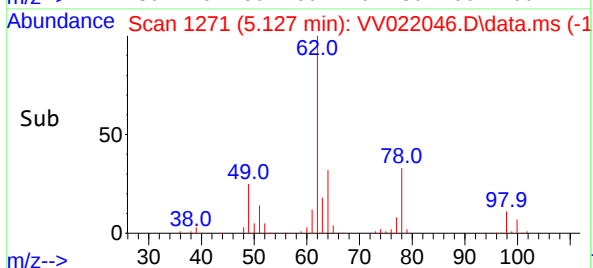
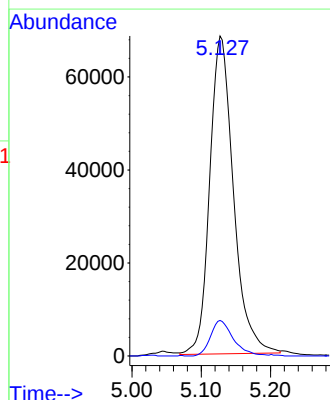
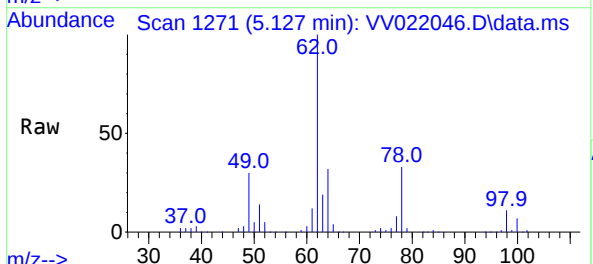
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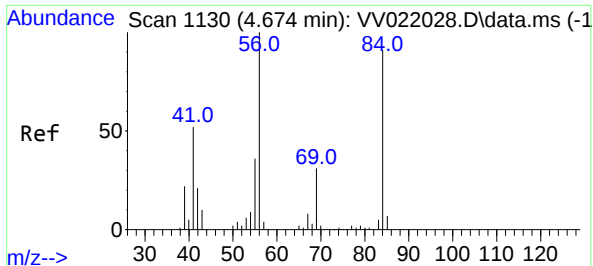


#27

1,2-Dichloroethane
Concen: 50.331 ug/L
RT: 5.127 min Scan# 1271
Delta R.T. 0.000 min
Lab File: VV022046.D
Acq: 31 Aug 2021 17:20

Tgt Ion: 62 Resp: 162672
Ion Ratio Lower Upper
62 100
98 11.1 8.5 12.7





#29

Cyclohexane

Concen: 44.796 ug/L

RT: 4.664 min Scan# 1127

Delta R.T. -0.010 min

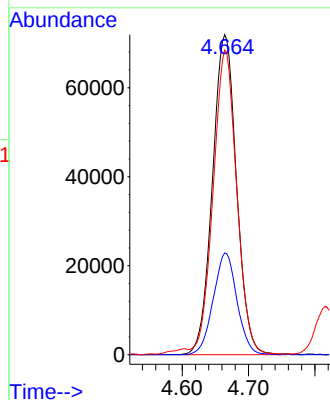
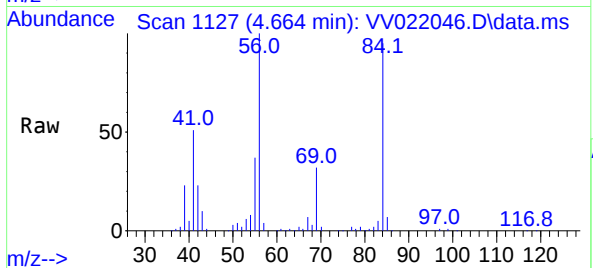
Lab File: VV022046.D

Acq: 31 Aug 2021 17:20

Tgt Ion:	56	Resp:	180915
Ion	Ratio	Lower	Upper
56	100		
69	31.4	25.2	37.8
84	93.5	74.6	111.8

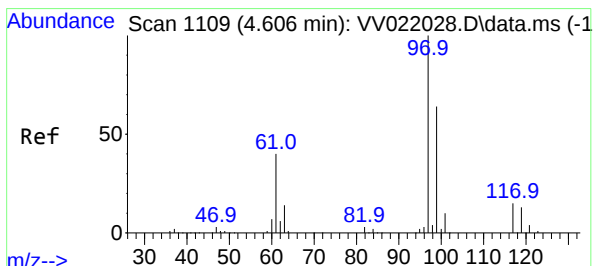
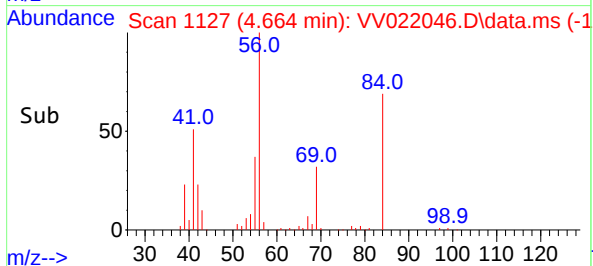
Instrument :
MSVOA_V
ClientSampleId :
GB6C0MSD

Manual Integrations
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#30

1,1,1-Trichloroethane

Concen: 45.541 ug/L

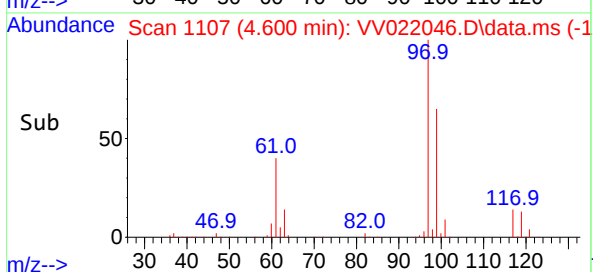
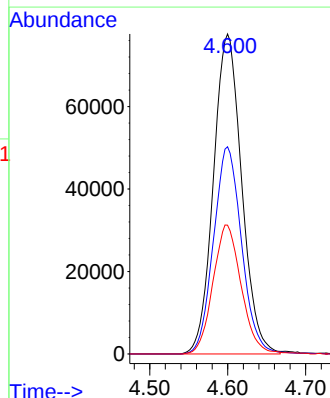
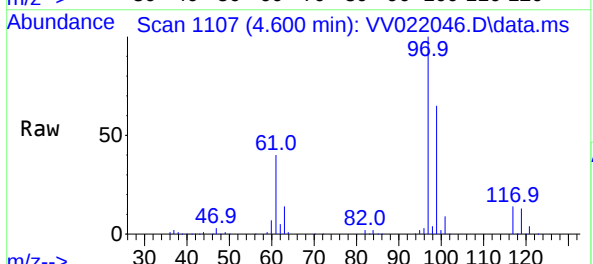
RT: 4.600 min Scan# 1107

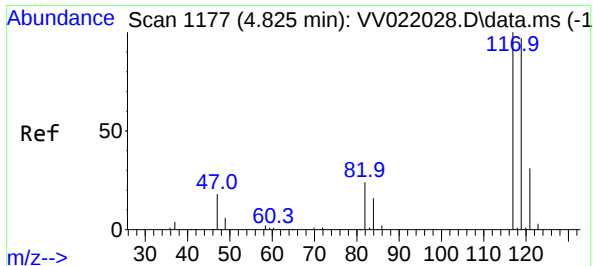
Delta R.T. -0.006 min

Lab File: VV022046.D

Acq: 31 Aug 2021 17:20

Tgt Ion:	97	Resp:	195545
Ion	Ratio	Lower	Upper
97	100		
99	64.4	52.0	78.0
61	40.4	31.8	47.8



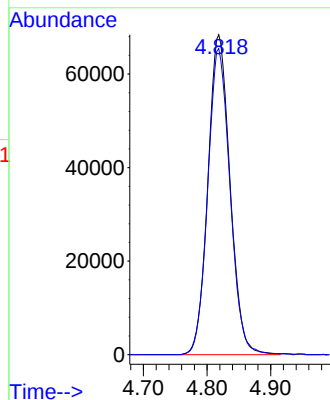
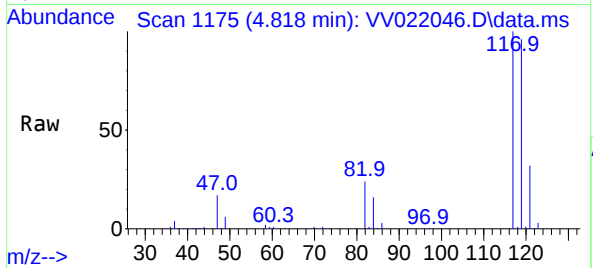


#31
Carbon tetrachloride
Concen: 44.822 ug/L
RT: 4.818 min Scan# 1175
Delta R.T. -0.006 min
Lab File: VV022046.D
Acq: 31 Aug 2021 17:20

Tgt Ion:117 Resp: 165353
Ion Ratio Lower Upper
117 100
119 95.9 76.6 114.8

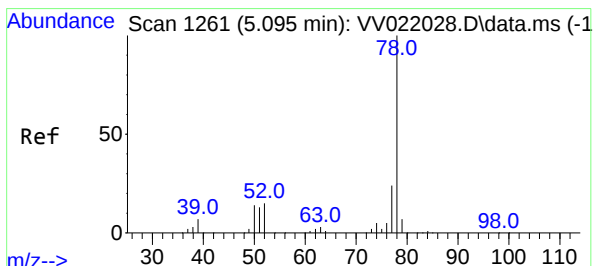
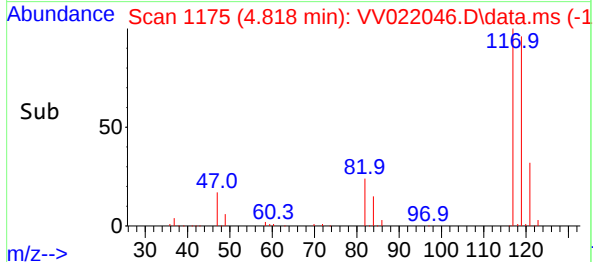
Instrument :
MSVOA_V
ClientSampleId :
GB6C0MSD

Manual Integrations
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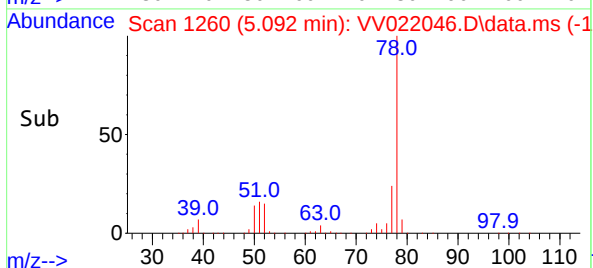
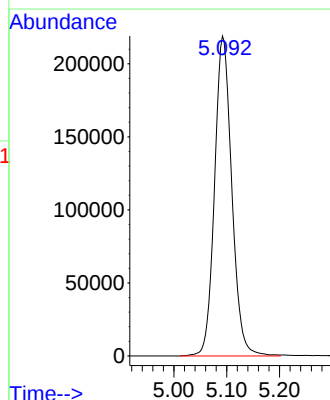
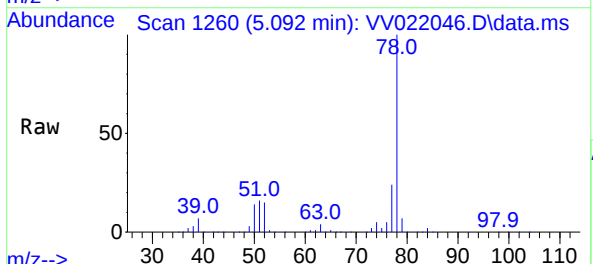
MMDadoda

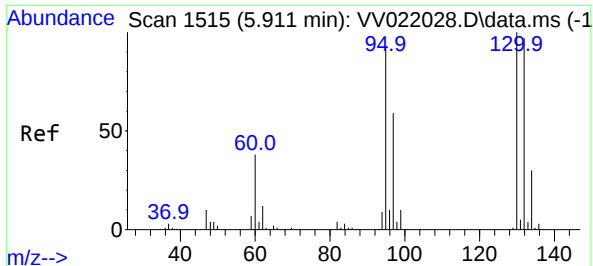
9/1/2021 12:30:14 PM



#33
Benzene
Concen: 47.241 ug/L
RT: 5.092 min Scan# 1260
Delta R.T. -0.003 min
Lab File: VV022046.D
Acq: 31 Aug 2021 17:20

Tgt Ion: 78 Resp: 496564





#34

Trichloroethene

Concen: 45.132 ug/L

RT: 5.912 min Scan# 1515

Delta R.T. 0.000 min

Lab File: VV022046.D

Acq: 31 Aug 2021 17:20

Tgt Ion: 95 Resp: 134374

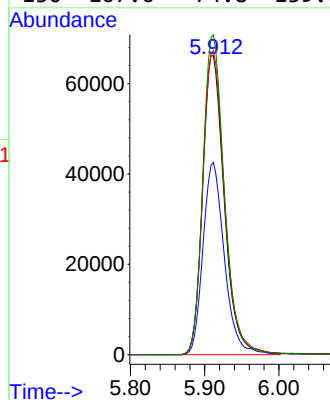
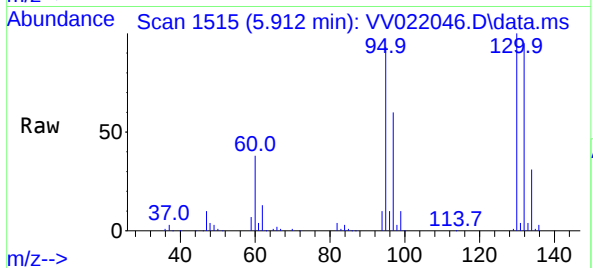
Ion Ratio Lower Upper

95 100

97 64.3 44.1 81.9

132 101.8 70.7 131.3

130 107.0 74.8 139.0



Instrument :

MSVOA_V

ClientSampleId :

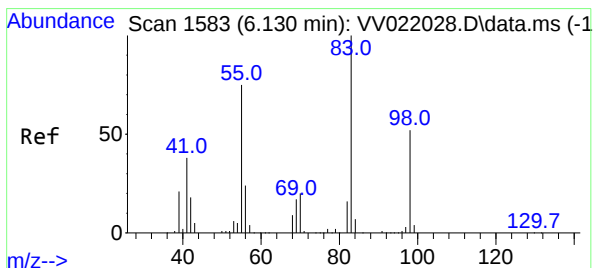
GB6C0MSD

Manual Integrations

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#35

Methylcyclohexane

Concen: 44.398 ug/L

RT: 6.127 min Scan# 1582

Delta R.T. -0.003 min

Lab File: VV022046.D

Acq: 31 Aug 2021 17:20

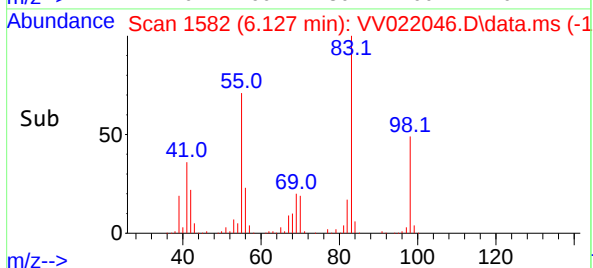
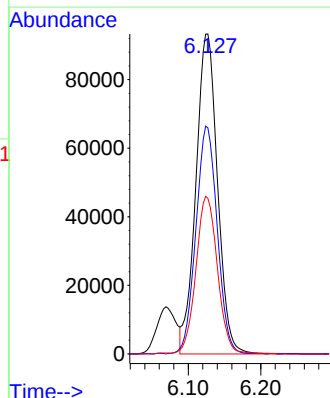
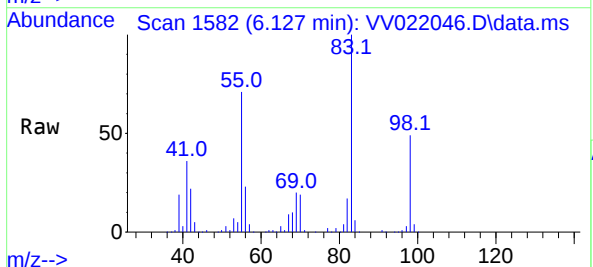
Tgt Ion: 83 Resp: 193248

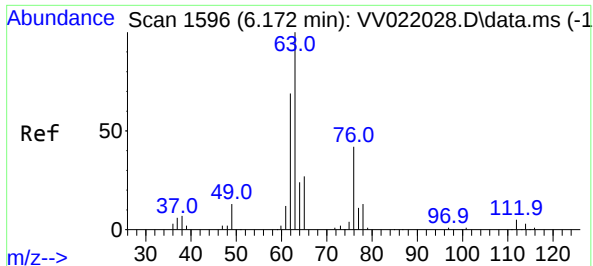
Ion Ratio Lower Upper

83 100

55 70.4 56.8 85.2

98 49.1 39.9 59.9



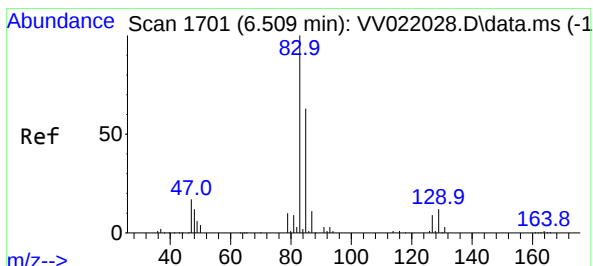
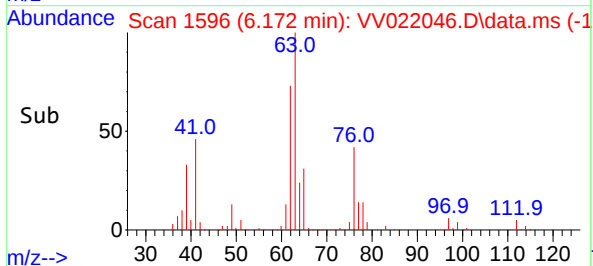
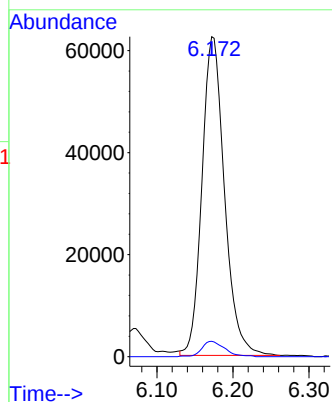
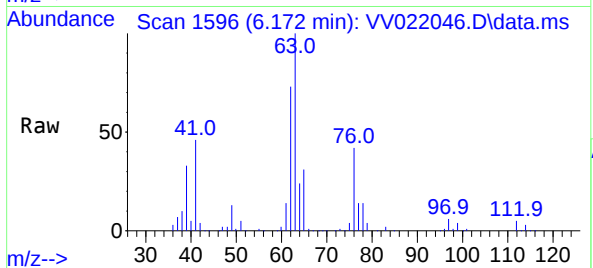


#37
1,2-Dichloropropane
Concen: 47.206 ug/L
RT: 6.172 min Scan# 1596
Delta R.T. 0.000 min
Lab File: VV022046.D
Acq: 31 Aug 2021 17:20

Tgt Ion: 63 Resp: 128621
Ion Ratio Lower Upper
63 100
112 4.5 3.8 5.6

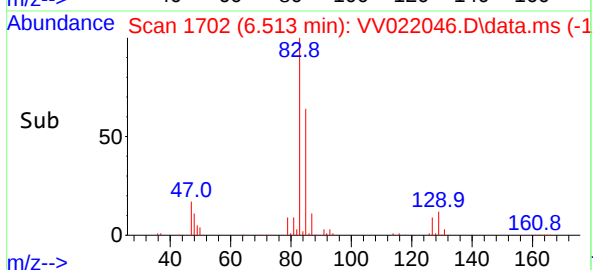
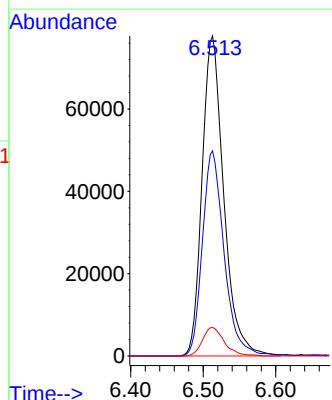
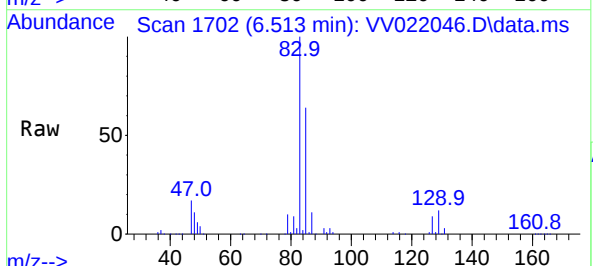
Instrument :
MSVOA_V
ClientSampleId :
GB6C0MSD

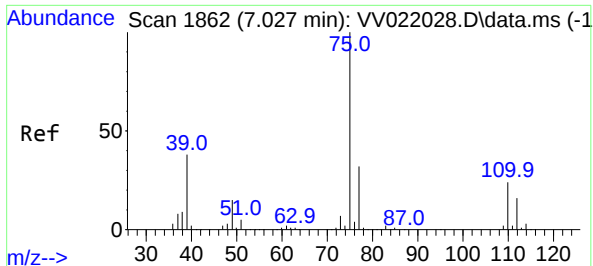
Manual Integrations
APPROVED



#38
Bromodichloromethane
Concen: 46.289 ug/L
RT: 6.513 min Scan# 1702
Delta R.T. 0.003 min
Lab File: VV022046.D
Acq: 31 Aug 2021 17:20

Tgt Ion: 83 Resp: 161292
Ion Ratio Lower Upper
83 100
85 64.1 44.8 83.2
127 8.9 7.3 10.9



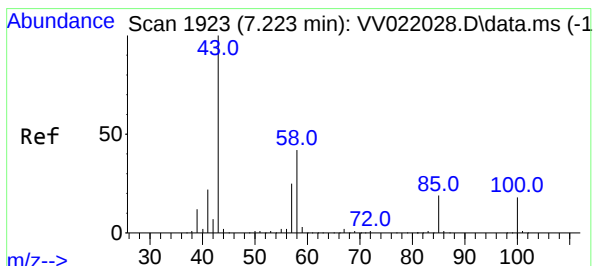
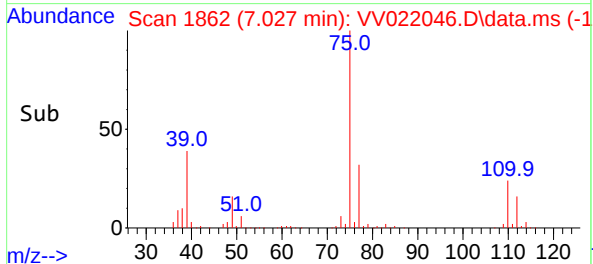
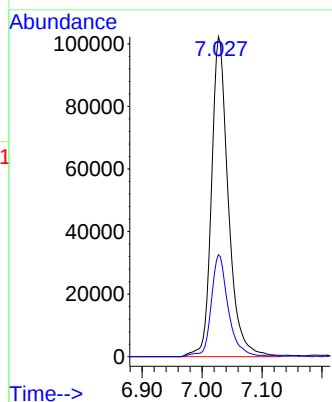
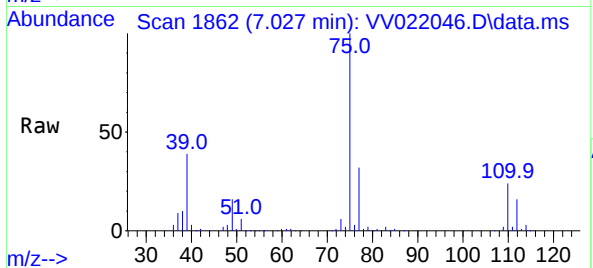


#39
 cis-1,3-Dichloropropene
 Concen: 47.493 ug/L
 RT: 7.027 min Scan# 1862
 Delta R.T. 0.000 min
 Lab File: VV022046.D
 Acq: 31 Aug 2021 17:20

Tgt Ion: 75 Resp: 199788
 Ion Ratio Lower Upper
 75 100
 77 31.8 22.7 42.1

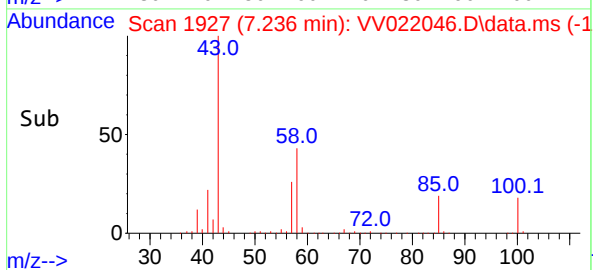
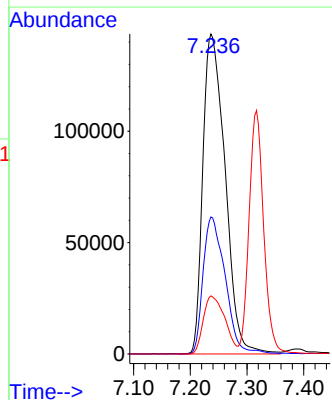
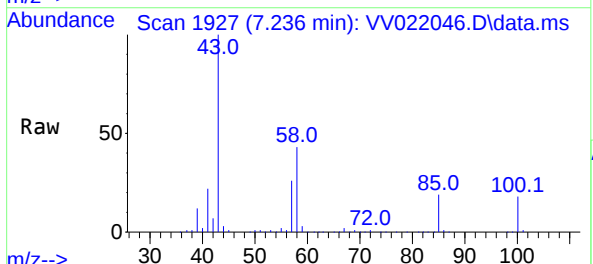
Instrument :
 MSVOA_V
 ClientSampled :
 GB6C0MSD

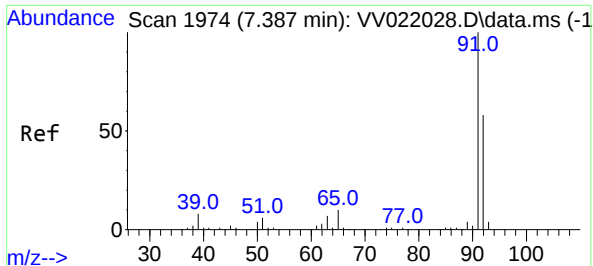
Manual Integrations
 APPROVED



#40
 4-Methyl-2-pentanone
 Concen: 106.109 ug/L
 RT: 7.236 min Scan# 1927
 Delta R.T. 0.013 min
 Lab File: VV022046.D
 Acq: 31 Aug 2021 17:20

Tgt Ion: 43 Resp: 391956
 Ion Ratio Lower Upper
 43 100
 58 41.8 33.3 49.9
 100 17.7 14.5 21.7





#42

Toluene

Concen: 47.412 ug/L

RT: 7.387 min Scan# 1974

Delta R.T. 0.000 min

Lab File: VV022046.D

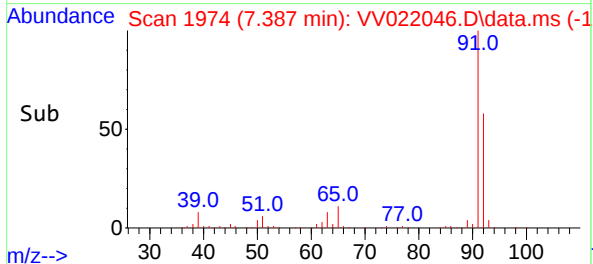
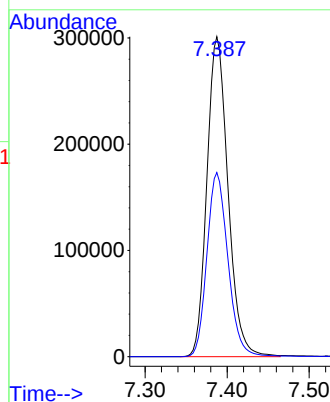
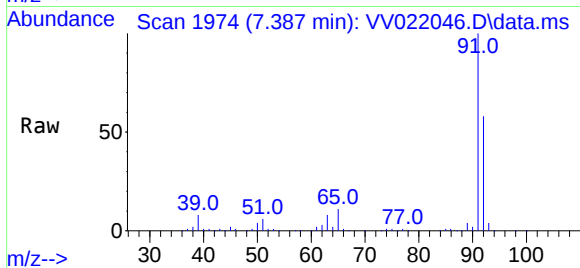
Acq: 31 Aug 2021 17:20

Tgt Ion: 91 Resp: 537878

Ion Ratio Lower Upper

91 100

92 57.5 40.3 74.8



Instrument :

MSVOA_V

ClientSampleId :

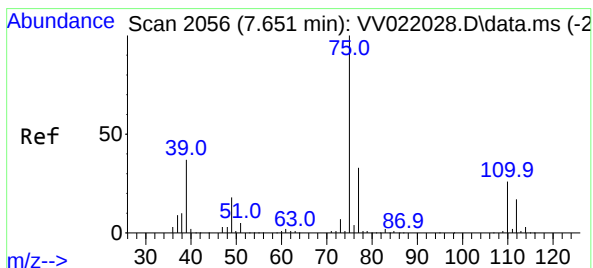
GB6C0MSD

Manual Integrations

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#44

trans-1,3-Dichloropropene

Concen: 48.142 ug/L

RT: 7.654 min Scan# 2057

Delta R.T. 0.003 min

Lab File: VV022046.D

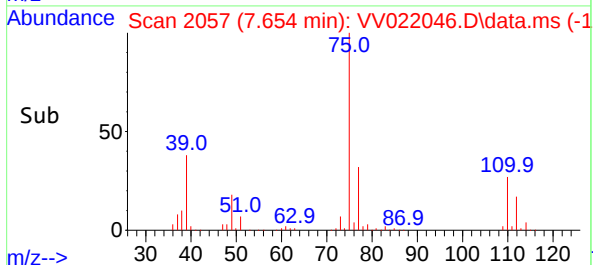
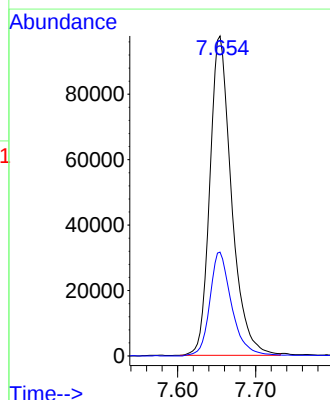
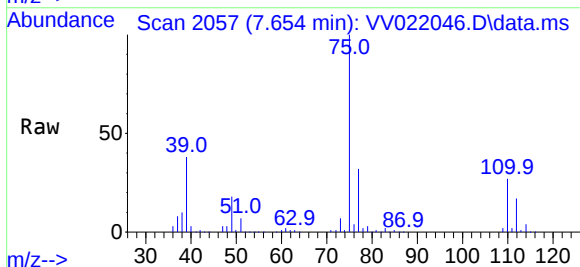
Acq: 31 Aug 2021 17:20

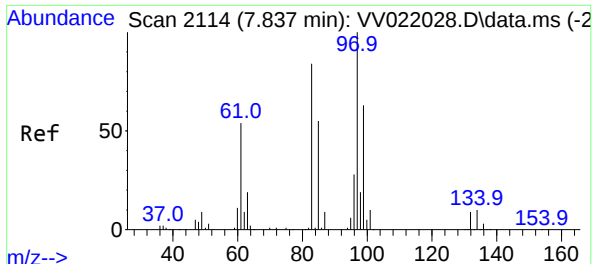
Tgt Ion: 75 Resp: 188486

Ion Ratio Lower Upper

75 100

77 32.5 21.8 40.6



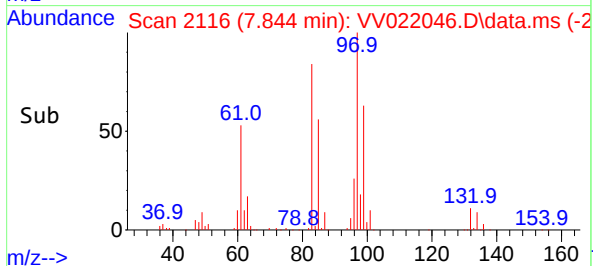
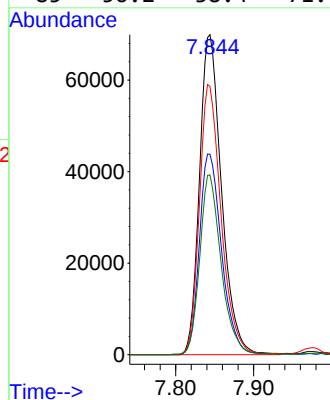
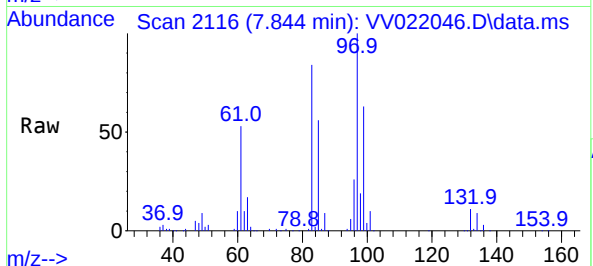


#45
1,1,2-Trichloroethane
Concen: 49.564 ug/L
RT: 7.844 min Scan# 2116
Delta R.T. 0.007 min
Lab File: VV022046.D
Acq: 31 Aug 2021 17:20

Tgt Ion: 97	Resp: 137408
Ion Ratio	Lower Upper
97 100	
99 62.6	43.8 81.4
83 83.8	58.8 109.2
85 56.2	38.4 71.4

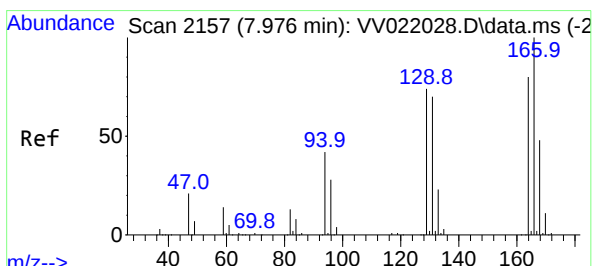
Instrument :
MSVOA_V
ClientSampleId :
GB6C0MSD

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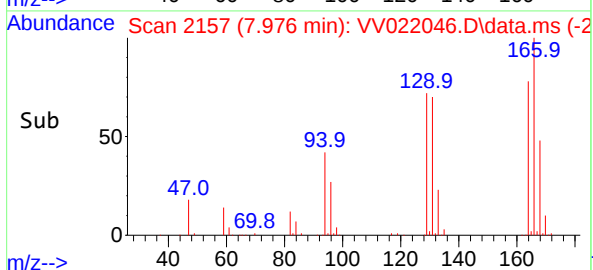
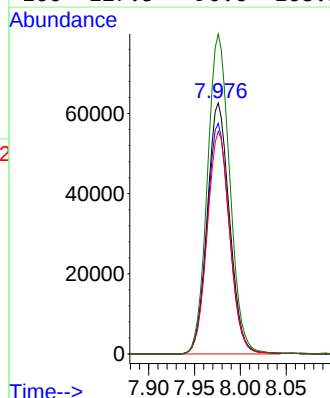
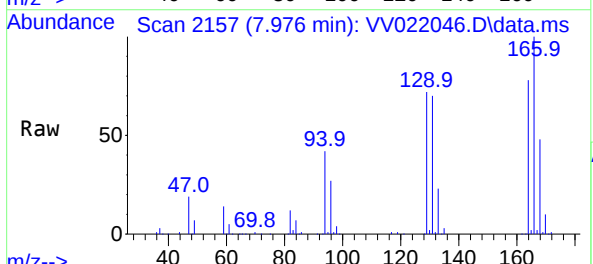
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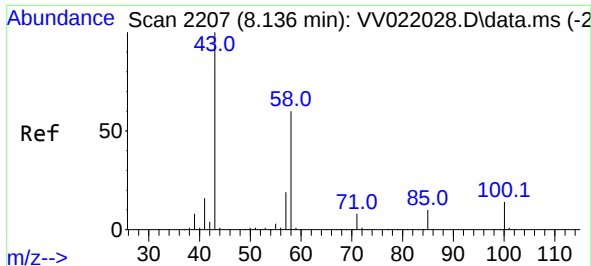
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#46
Tetrachloroethene
Concen: 45.723 ug/L
RT: 7.976 min Scan# 2157
Delta R.T. 0.000 min
Lab File: VV022046.D
Acq: 31 Aug 2021 17:20

Tgt	Ion:164	Resp:	105854
Ion	Ratio	Lower	Upper
164	100		
129	91.8	62.9	116.9
131	88.7	61.0	113.4
166	127.5	90.6	168.3





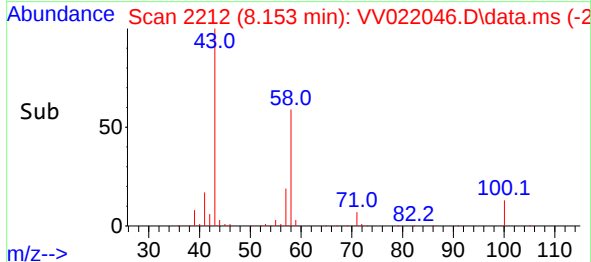
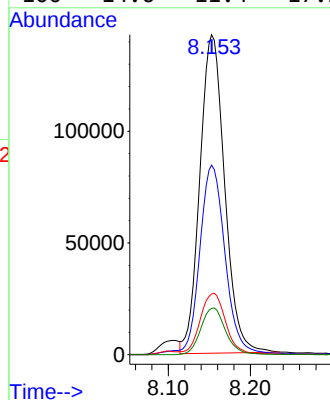
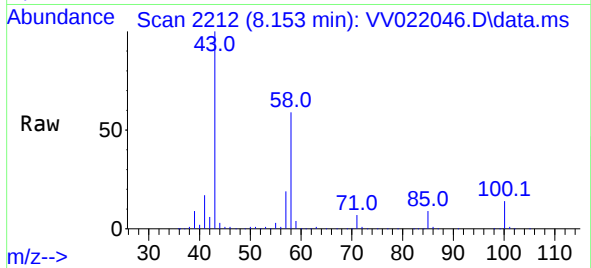
#48
2-Hexanone
Concen: 104.765 ug/L
RT: 8.153 min Scan# 2212
Delta R.T. 0.016 min
Lab File: VV022046.D
Acq: 31 Aug 2021 17:20

Tgt Ion: 43 Resp: 300263

Ion	Ratio	Lower	Upper
43	100		
58	61.5	47.5	71.3
57	19.2	15.9	23.9
100	14.6	11.4	17.2

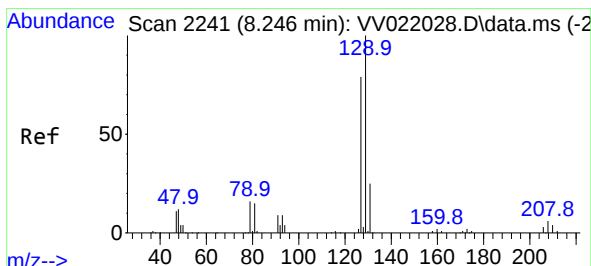
Instrument :
MSVOA_V
ClientSampleId :
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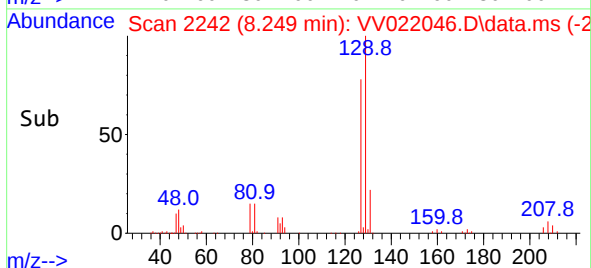
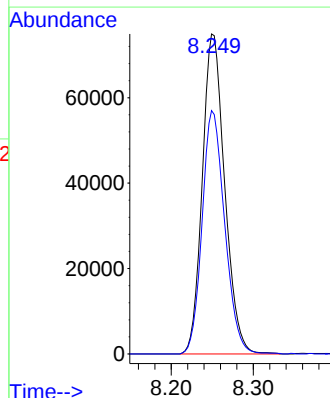
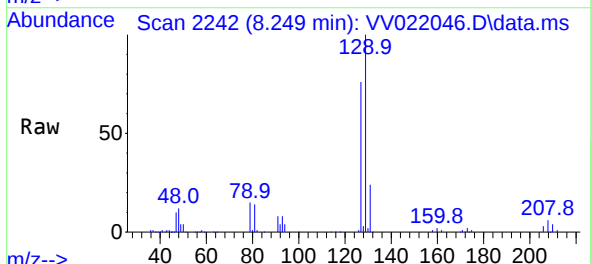
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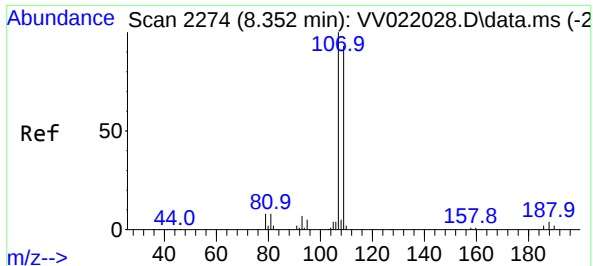


#49
Dibromochloromethane
Concen: 47.895 ug/L
RT: 8.249 min Scan# 2242
Delta R.T. 0.003 min
Lab File: VV022046.D
Acq: 31 Aug 2021 17:20

Tgt Ion: 129 Resp: 142133

Ion	Ratio	Lower	Upper
129	100		
127	76.1	54.1	100.5



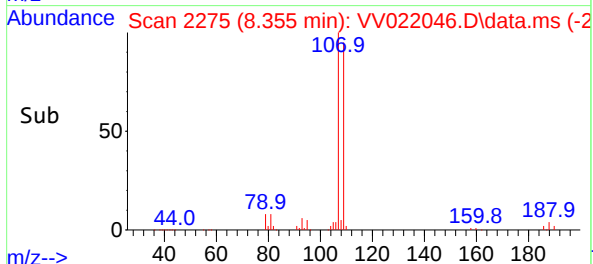
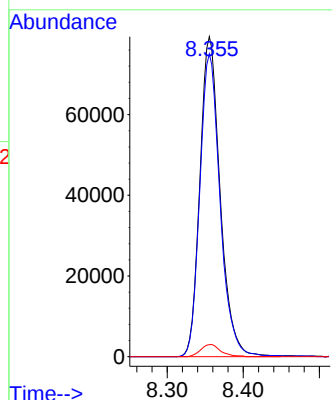
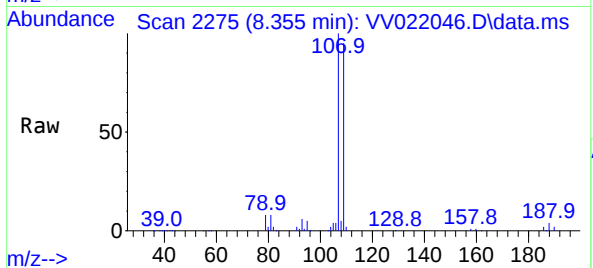


#50
1,2-Dibromoethane
Concen: 49.284 ug/L
RT: 8.355 min Scan# 2275
Delta R.T. 0.003 min
Lab File: VV022046.D
Acq: 31 Aug 2021 17:20

Tgt Ion:107 Resp: 146640
Ion Ratio Lower Upper
107 100
109 94.7 65.5 121.6
188 3.8 3.2 4.8

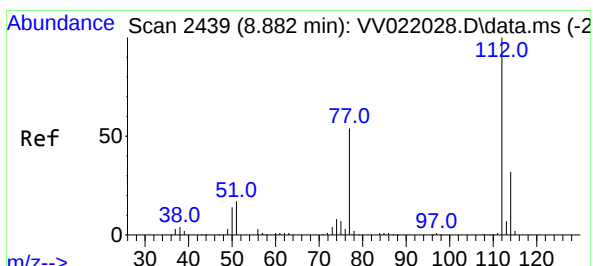
Instrument :
MSVOA_V
ClientSampleId :
GB6C0MSD

Manual Integrations
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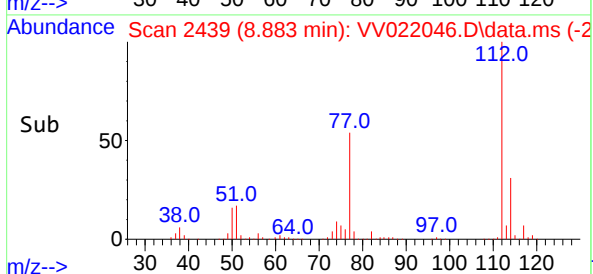
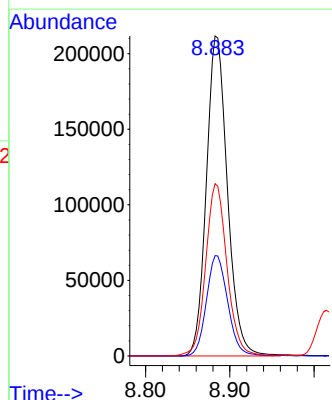
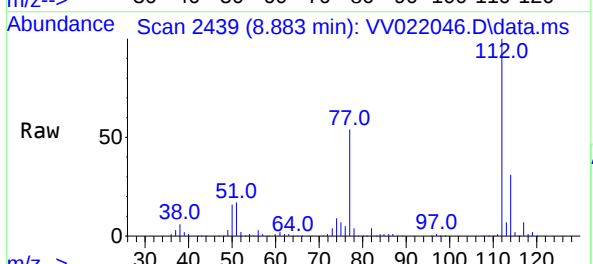
MMDadoda

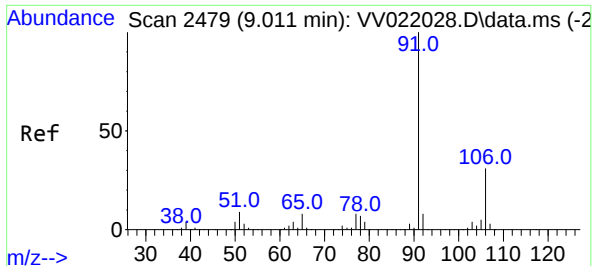
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#51
Chlorobenzene
Concen: 48.319 ug/L
RT: 8.883 min Scan# 2439
Delta R.T. 0.000 min
Lab File: VV022046.D
Acq: 31 Aug 2021 17:20

Tgt Ion:112 Resp: 368555
Ion Ratio Lower Upper
112 100
114 31.3 22.0 41.0
77 53.9 43.2 64.8





#52

Ethylbenzene

Concen: 47.914 ug/L

RT: 9.014 min Scan# 2480

Delta R.T. 0.003 min

Lab File: VV022046.D

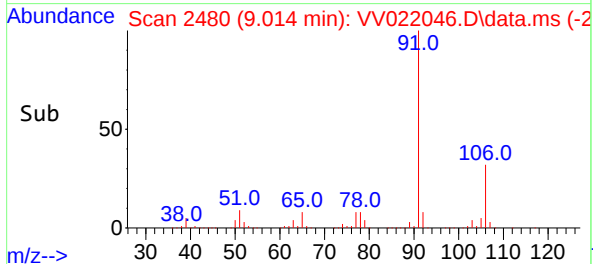
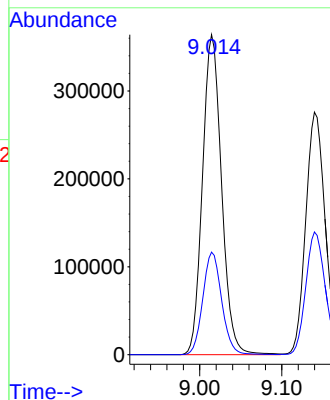
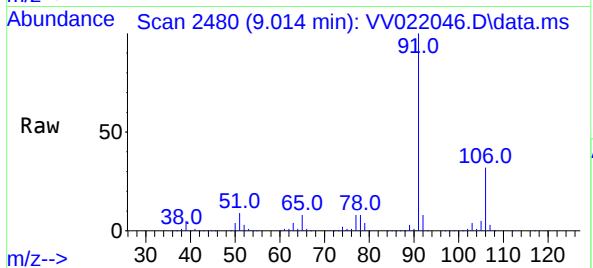
Acq: 31 Aug 2021 17:20

Tgt Ion: 91 Resp: 588422

Ion Ratio Lower Upper

91 100

106 32.1 21.7 40.3



Instrument :

MSVOA_V

ClientSampleId :

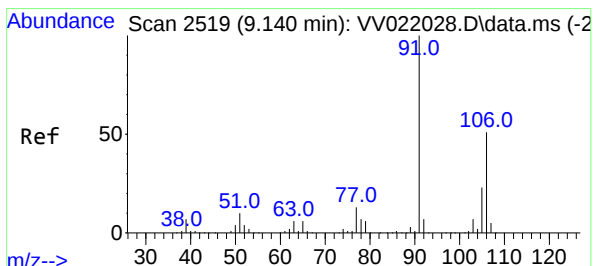
GB6C0MSD

Manual Integrations

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#53

m,p-Xylene

Concen: 48.515 ug/L

RT: 9.140 min Scan# 2519

Delta R.T. 0.000 min

Lab File: VV022046.D

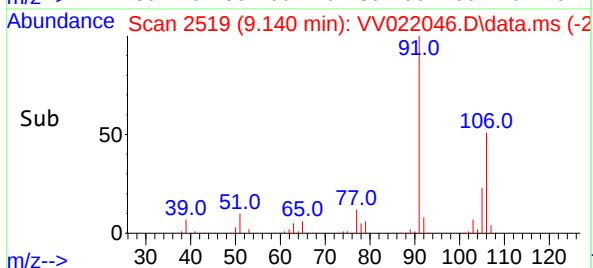
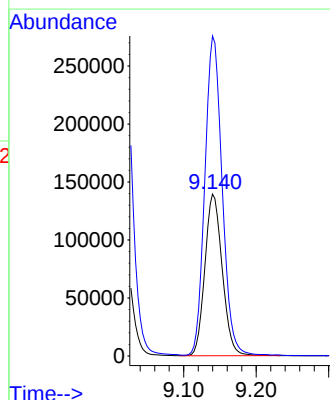
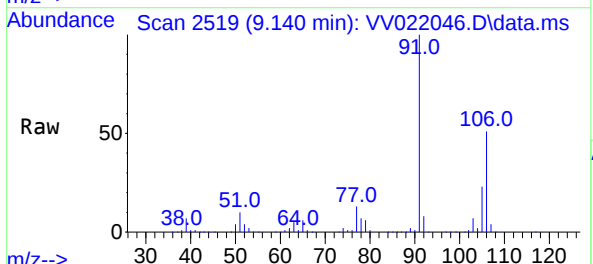
Acq: 31 Aug 2021 17:20

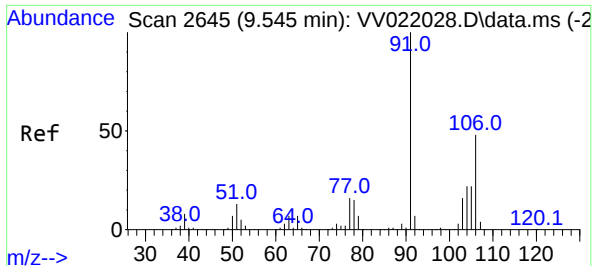
Tgt Ion:106 Resp: 231578

Ion Ratio Lower Upper

106 100

91 197.7 139.1 258.3



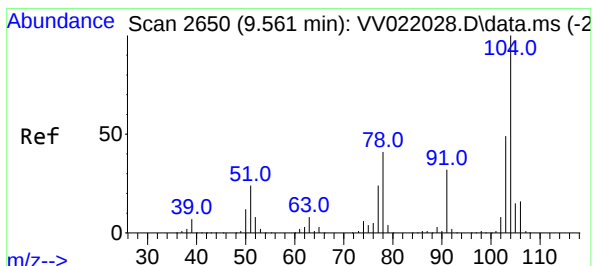
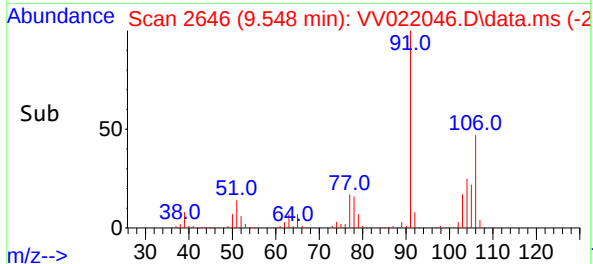
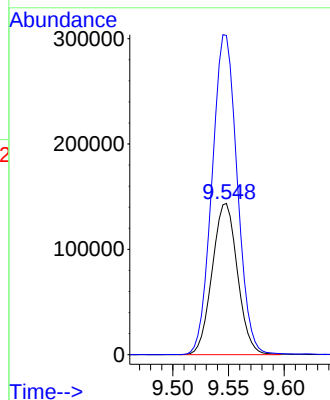
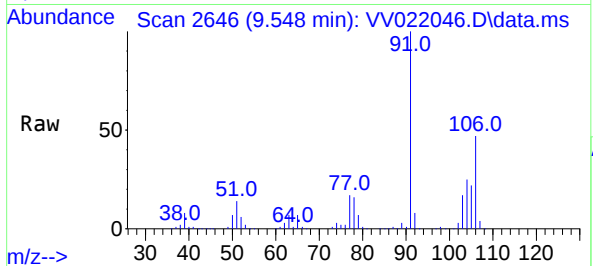


#54
o-Xylene
Concen: 48.028 ug/L
RT: 9.548 min Scan# 2646
Delta R.T. 0.003 min
Lab File: VV022046.D
Acq: 31 Aug 2021 17:20

Tgt Ion:106 Resp: 226832
Ion Ratio Lower Upper
106 100
91 211.2 150.1 278.9

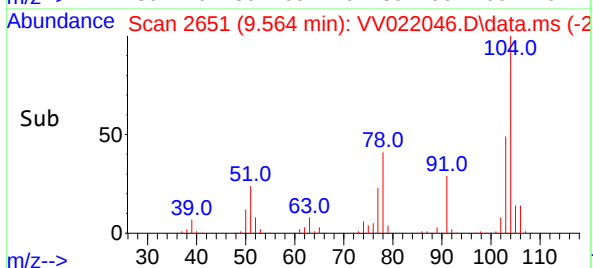
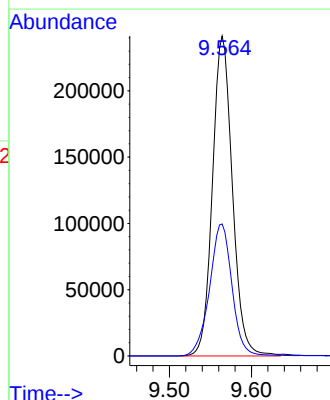
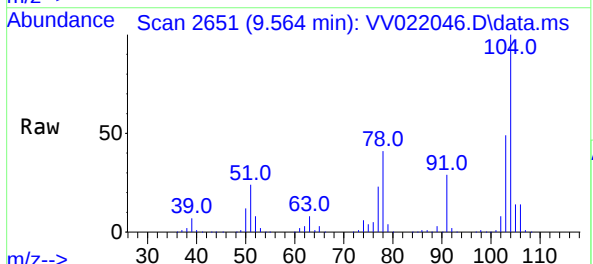
Instrument :
MSVOA_V
ClientSampled :
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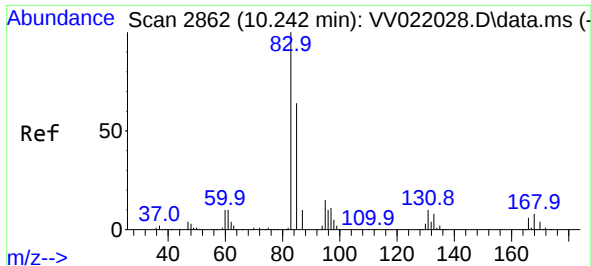
Manual Integrations
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#55
Styrene
Concen: 50.553 ug/L
RT: 9.564 min Scan# 2651
Delta R.T. 0.003 min
Lab File: VV022046.D
Acq: 31 Aug 2021 17:20

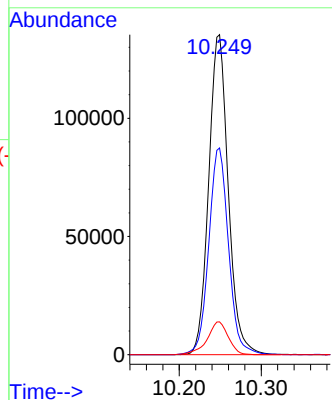
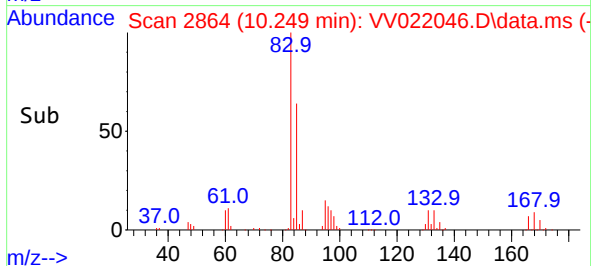
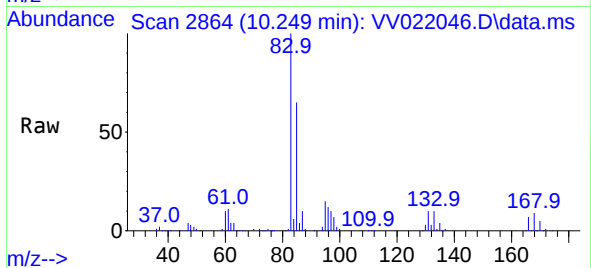
Tgt Ion:104 Resp: 407465
Ion Ratio Lower Upper
104 100
78 41.3 28.6 53.2





#57
1,1,2,2-Tetrachloroethane
Concen: 55.769 ug/L
RT: 10.249 min Scan# 2864
Delta R.T. 0.007 min
Lab File: VV022046.D
Acq: 31 Aug 2021 17:20

Tgt Ion:	83	Resp:	224014
Ion	Ratio	Lower	Upper
83	100		
85	64.6	44.7	83.1
131	10.2	8.2	12.2

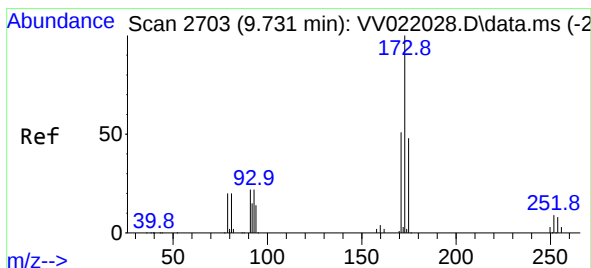


Instrument :
MSVOA_V
ClientSampleId :
GB6C0MSD

Manual Integrations
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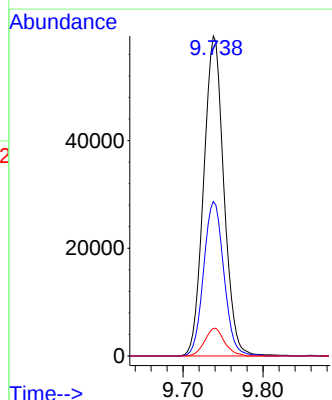
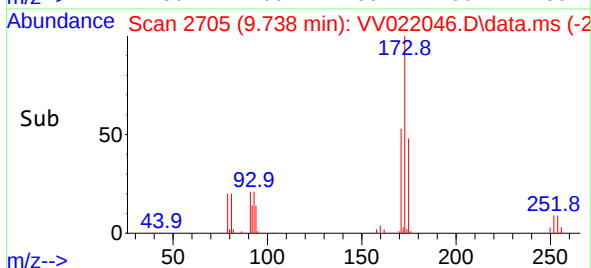
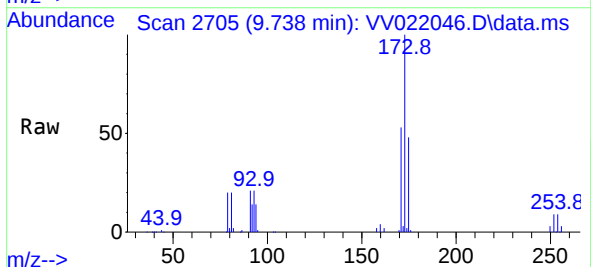
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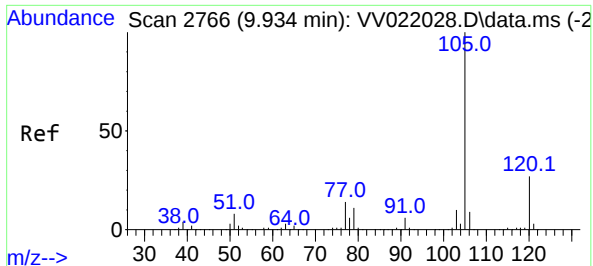
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#59
Bromoform
Concen: 46.461 ug/L
RT: 9.738 min Scan# 2705
Delta R.T. 0.007 min
Lab File: VV022046.D
Acq: 31 Aug 2021 17:20

Tgt Ion:	173	Resp:	104536
Ion	Ratio	Lower	Upper
173	100		
175	48.4	38.8	58.2
254	8.5	7.0	10.4



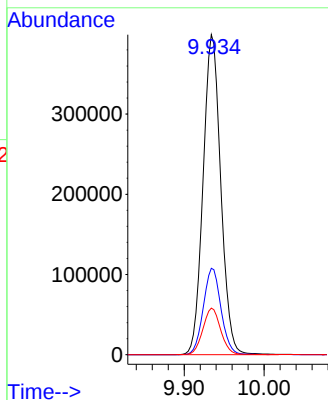
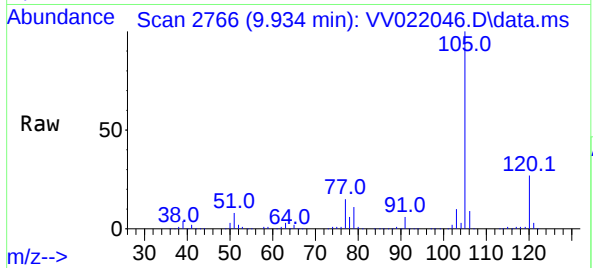


#60
Isopropylbenzene
Concen: 46.169 ug/L
RT: 9.934 min Scan# 2766
Delta R.T. 0.000 min
Lab File: VV022046.D
Acq: 31 Aug 2021 17:20

Tgt Ion:	105	Resp:	614566
Ion Ratio	Lower	Upper	
105	100		
120	27.1	21.5	32.3
77	14.7	11.8	17.6

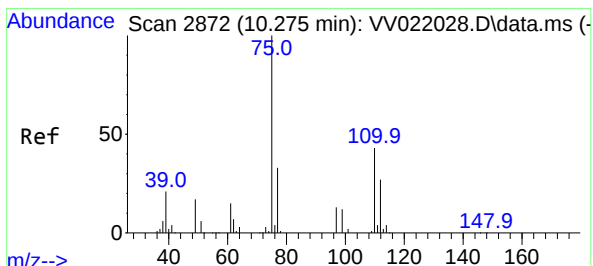
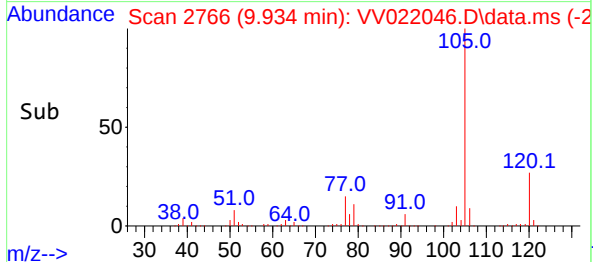
Instrument :
MSVOA_V
ClientSampleId :
GB6C0MSD

Manual Integrations
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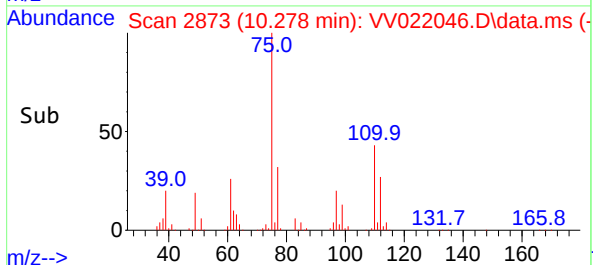
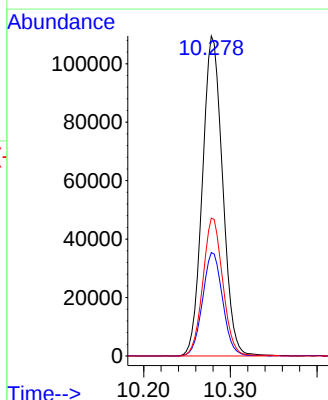
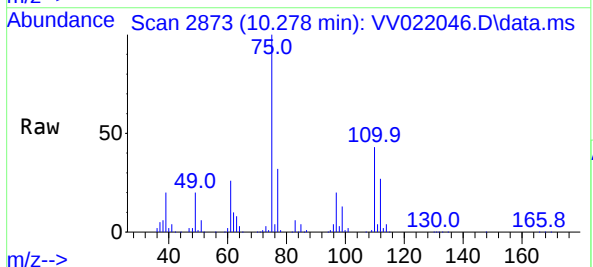
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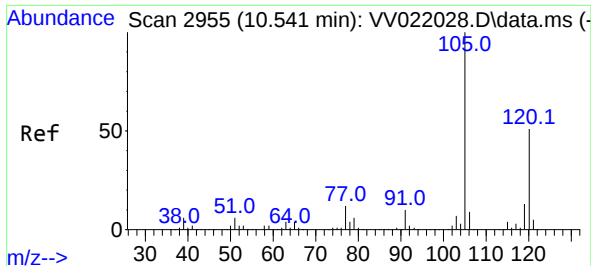
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#61
1,2,3-Trichloropropane
Concen: 48.350 ug/L
RT: 10.278 min Scan# 2873
Delta R.T. 0.003 min
Lab File: VV022046.D
Acq: 31 Aug 2021 17:20

Tgt Ion:	75	Resp:	177517
Ion Ratio	Lower	Upper	
75	100		
77	32.0	26.2	39.2
110	42.4	33.8	50.6



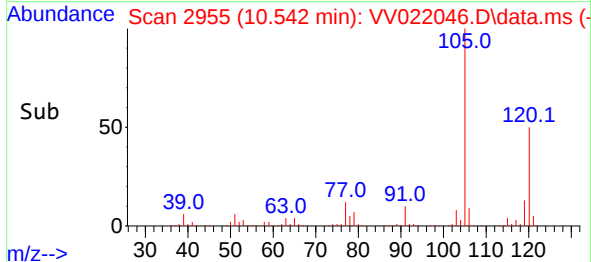
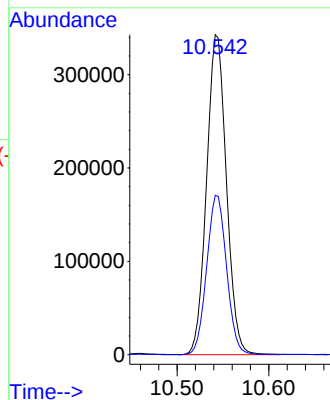
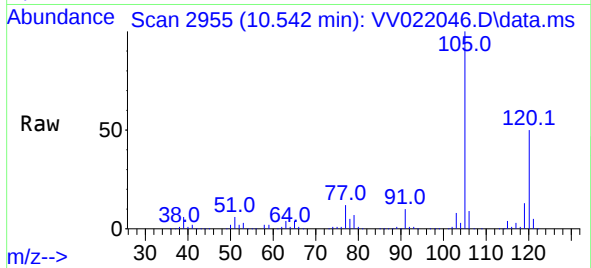


#62
1,3,5-Trimethylbenzene
Concen: 46.150 ug/L
RT: 10.542 min Scan# 2955
Delta R.T. 0.000 min
Lab File: VV022046.D
Acq: 31 Aug 2021 17:20

Tgt Ion:105 Resp: 515739
Ion Ratio Lower Upper
105 100
120 49.9 39.6 59.4

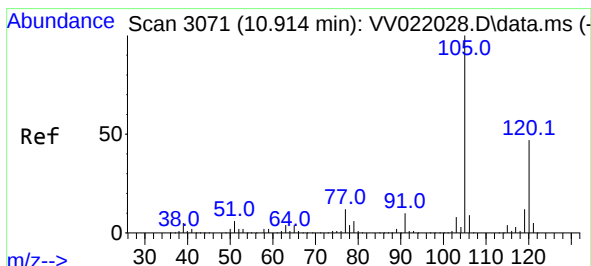
Instrument :
MSVOA_V
ClientSampleId :
GB6C0MSD

Manual Integrations
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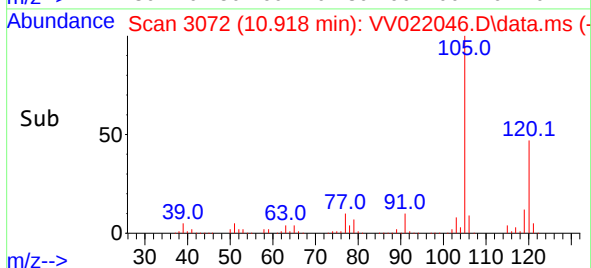
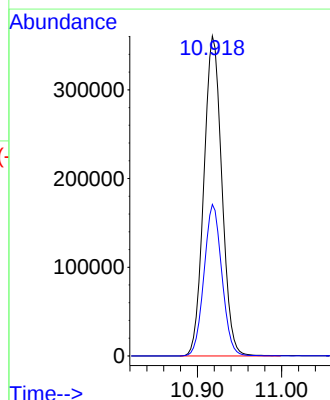
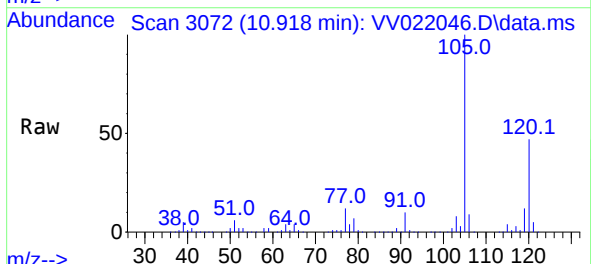
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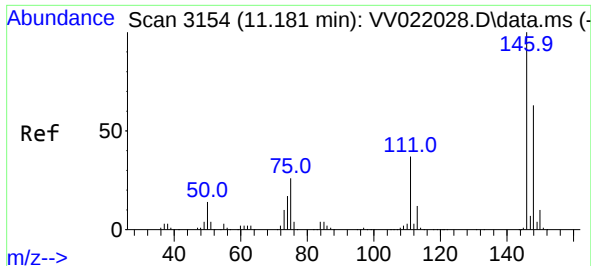
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#63
1,2,4-Trimethylbenzene
Concen: 47.244 ug/L
RT: 10.918 min Scan# 3072
Delta R.T. 0.003 min
Lab File: VV022046.D
Acq: 31 Aug 2021 17:20

Tgt Ion:105 Resp: 536634
Ion Ratio Lower Upper
105 100
120 46.9 37.4 56.0



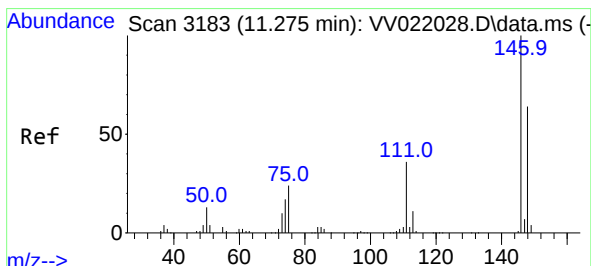
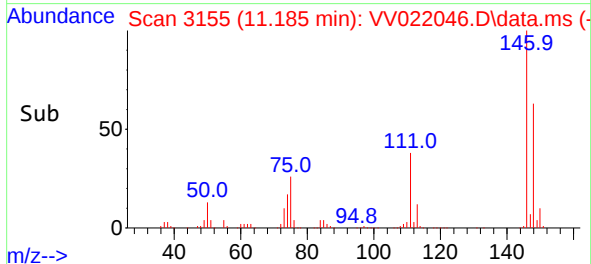
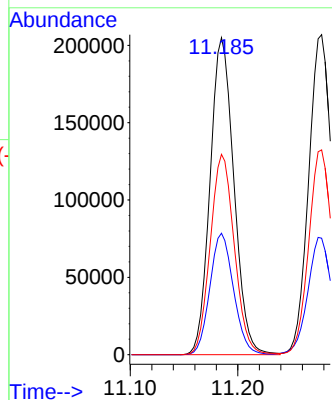
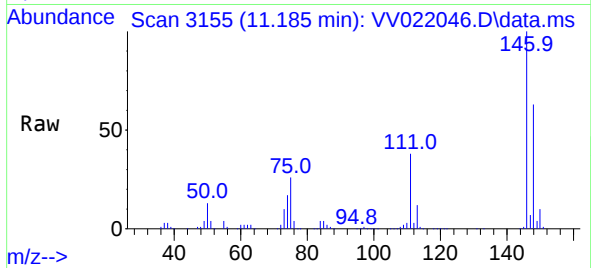


#64
1,3-Dichlorobenzene
Concen: 46.730 ug/L
RT: 11.185 min Scan# 3155
Delta R.T. 0.003 min
Lab File: VV022046.D
Acq: 31 Aug 2021 17:20

Tgt Ion:146 Resp: 315826
Ion Ratio Lower Upper
146 100
111 38.3 26.9 50.1
148 63.2 45.5 84.5

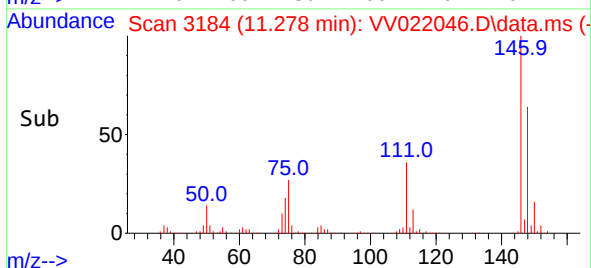
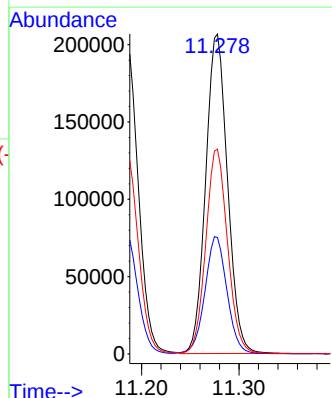
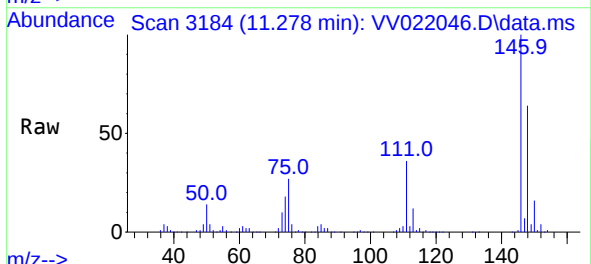
Instrument :
MSVOA_V
ClientSampleId :
GB6C0MSD

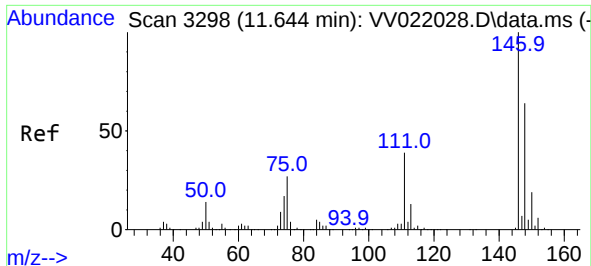
Manual Integrations
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#65
1,4-Dichlorobenzene
Concen: 46.505 ug/L
RT: 11.278 min Scan# 3184
Delta R.T. 0.003 min
Lab File: VV022046.D
Acq: 31 Aug 2021 17:20

Tgt Ion:146 Resp: 321623
Ion Ratio Lower Upper
146 100
111 36.4 25.3 46.9
148 64.0 44.4 82.5



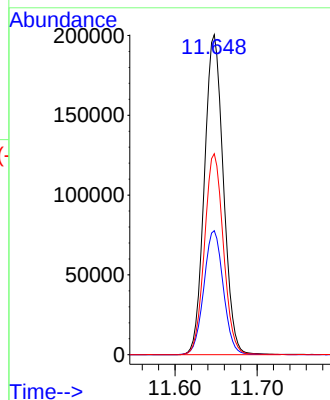
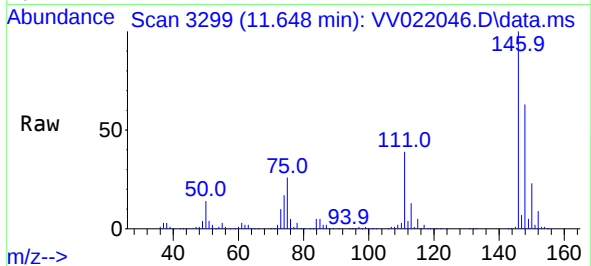


#67
1,2-Dichlorobenzene
Concen: 48.063 ug/L
RT: 11.648 min Scan# 3299
Delta R.T. 0.003 min
Lab File: VV022046.D
Acq: 31 Aug 2021 17:20

Tgt Ion: 146 Resp: 322539
Ion Ratio Lower Upper
146 100
111 38.7 31.6 47.4
148 62.8 50.6 75.8

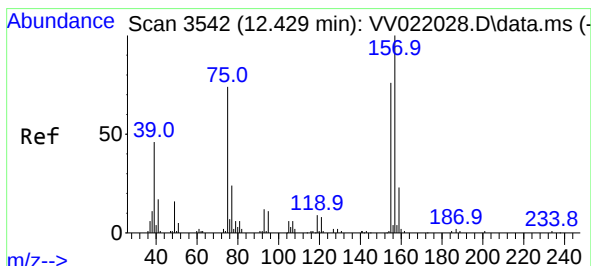
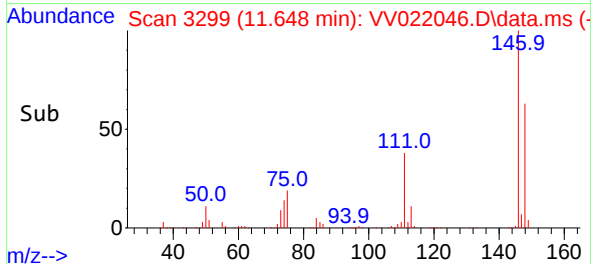
Instrument :
MSVOA_V
ClientSampled :
GB6C0MSD

Manual Integrations
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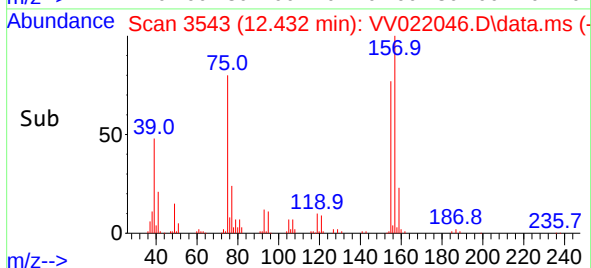
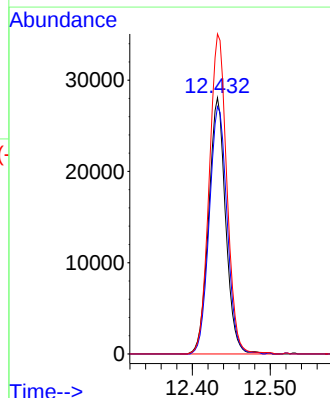
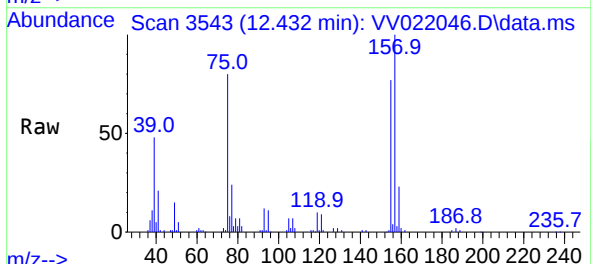
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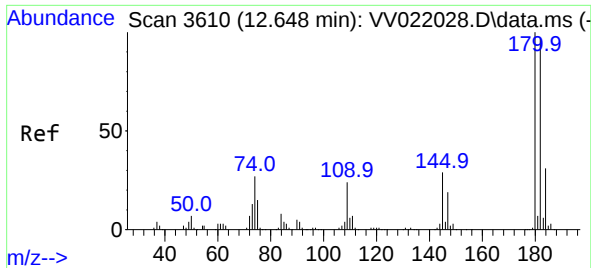
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#68
1,2-Dibromo-3-chloropropane
Concen: 48.237 ug/L
RT: 12.432 min Scan# 3543
Delta R.T. 0.003 min
Lab File: VV022046.D
Acq: 31 Aug 2021 17:20

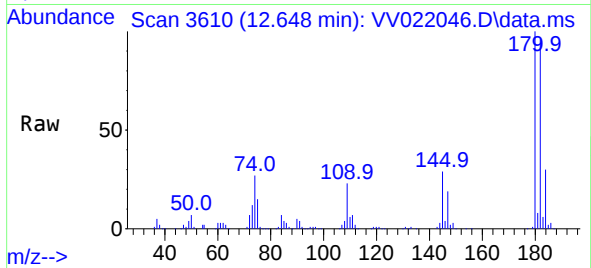
Tgt Ion: 75 Resp: 42683
Ion Ratio Lower Upper
75 100
155 96.6 79.8 119.6
157 124.9 98.3 147.5





#69
1,3,5-Trichlorobenzene
Concen: 46.252 ug/L
RT: 12.648 min Scan# 3610
Delta R.T. 0.000 min
Lab File: VV022046.D
Acq: 31 Aug 2021 17:20

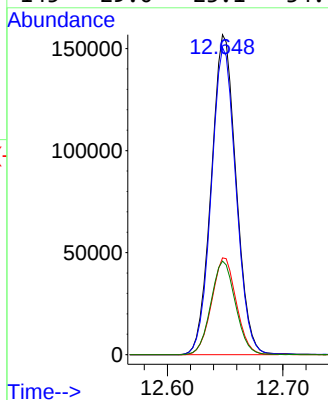
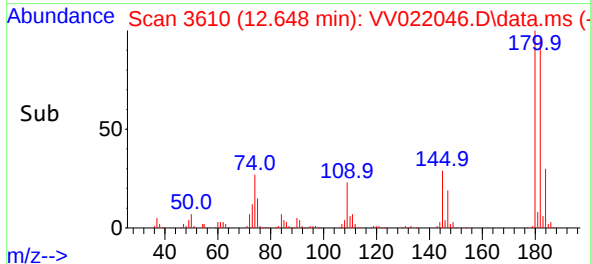
Instrument :
MSVOA_V
ClientSampleId :
GB6C0MSD



Tgt Ion:180 Resp: 233739

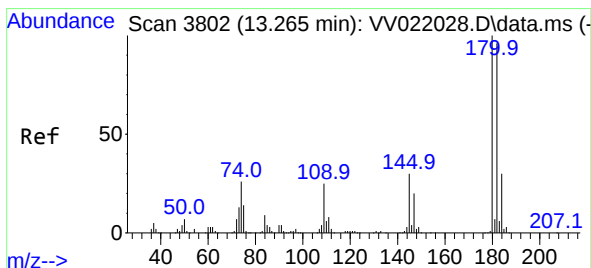
Ion	Ratio	Lower	Upper
180	100		
182	95.5	76.4	114.6
184	30.0	24.0	36.0
145	29.0	23.1	34.7

Manual Integrations
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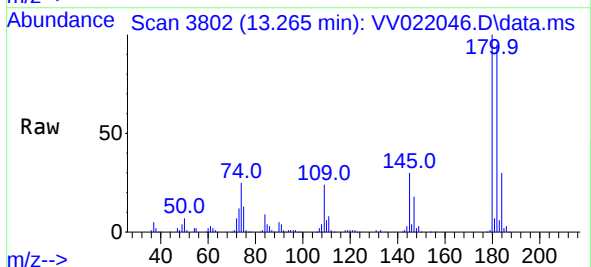


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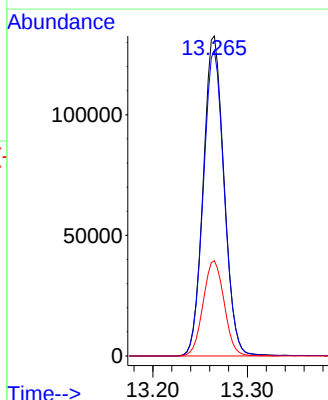
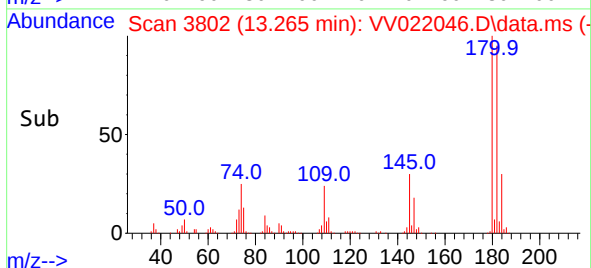


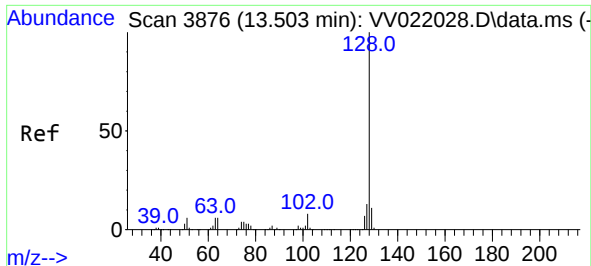
#70
1,2,4-trichlorobenzene
Concen: 45.604 ug/L
RT: 13.265 min Scan# 3802
Delta R.T. 0.000 min
Lab File: VV022046.D
Acq: 31 Aug 2021 17:20



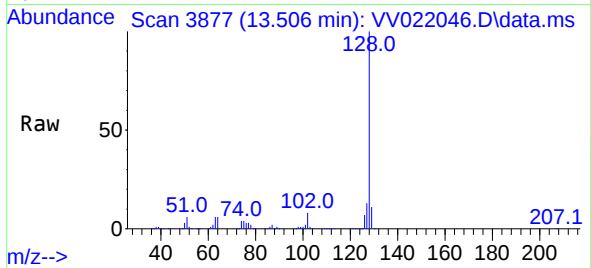
Tgt Ion:180 Resp: 202735

Ion	Ratio	Lower	Upper
180	100		
182	95.9	75.9	113.9
145	30.1	23.8	35.6

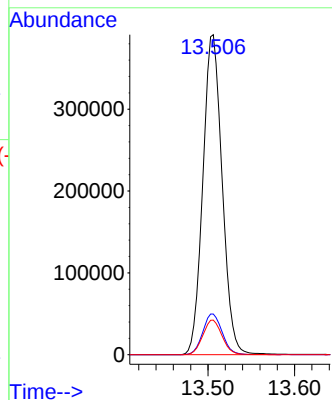




#71
Naphthalene
Concen: 47.388 ug/L
RT: 13.506 min Scan# 3877
Delta R.T. 0.003 min
Lab File: VV022046.D
Acq: 31 Aug 2021 17:20



Tgt Ion:128 Resp: 606009
Ion Ratio Lower Upper
128 100
127 12.8 10.1 15.1
129 10.8 8.7 13.1

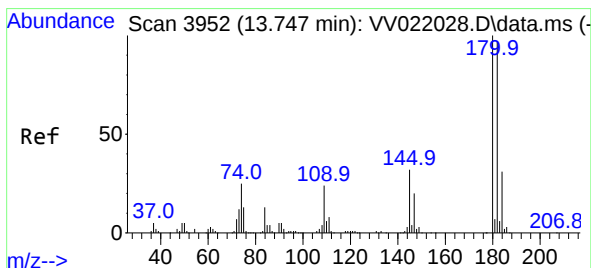


Instrument :
MSVOA_V
ClientSampled :
GB6C0MSD

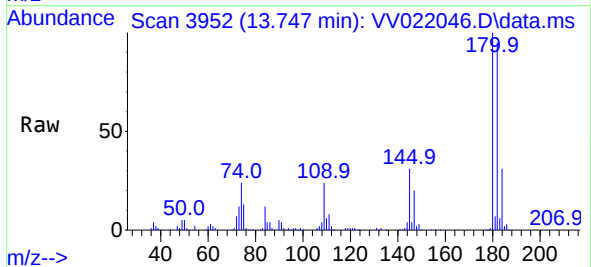
Manual Integrations
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#72
1,2,3-Trichlorobenzene
Concen: 46.463 ug/L
RT: 13.747 min Scan# 3952
Delta R.T. 0.000 min
Lab File: VV022046.D
Acq: 31 Aug 2021 17:20



Tgt Ion:180 Resp: 201468
Ion Ratio Lower Upper
180 100
182 94.7 76.3 114.5
145 31.1 25.4 38.0

