

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW092321\
 Data File : VW022284.D
 Acq On : 23 Sep 2021 15:19
 Operator : SY/MD
 Sample : M3814-20
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 GB6Y0

Manual Integrations
 APPROVED

MMDadoda

9/27/2021 10:55:10 AM

Quant Time: Sep 24 03:45:16 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR092321WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Sep 24 03:31:01 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	126418	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	118806	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.252	152	63222	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	4342	0.682	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	13.600%#
7) Chloroethane-d5	1.561	69	4604	0.618	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	12.400%#
11) 1,1-Dichloroethene-d2	2.111	63	23255	1.531	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	30.600%#
20) 2-Butanone-d5	3.947	46	16085m	6.179	ug/L	0.04
Spiked Amount	50.000	Range	40 - 130	Recovery	=	12.360%#
24) Chloroform-d	4.355	84	14016	0.767	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	15.400%#
26) 1,2-Dichloroethane-d4	5.043	65	5785	0.663	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	13.200%#
32) Benzene-d6	5.056	84	22180	0.664	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	13.200%#
36) 1,2-Dichloropropane-d6	6.075	67	6896	0.661	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	13.200%#
41) Toluene-d8	7.320	98	20800	0.689	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	13.800%#
43) trans-1,3-Dichloroprop...	7.632	79	2228	0.699	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	14.000%#
46) 2-Hexanone-d5	8.101	63	12817	6.469	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	12.940%#
56) 1,1,2,2-Tetrachloroeth...	10.220	84	6544	0.745	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	15.000%#
66) 1,2-Dichlorobenzene-d4	11.625	152	7753	0.653	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	13.000%#
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.127	85	38276	3.888	ug/L	99
3) Chloromethane	1.240	50	37560	3.818	ug/L	99
5) Vinyl chloride	1.307	62	39796	4.206	ug/L	99
6) Bromomethane	1.519	94	24413	4.025	ug/L	99
8) Chloroethane	1.580	64	26546	4.455	ug/L	99
9) Trichlorofluoromethane	1.748	101	59533	4.549	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.111	101	33701	4.321	ug/L	96
12) 1,1-Dichloroethene	2.114	96	30720	4.324	ug/L #	62
13) Acetone	2.204	43	77673	52.627	ug/L	100
14) Carbon disulfide	2.288	76	77728	3.217	ug/L	98
15) Methyl Acetate	2.445	43	12609	3.850	ug/L	91
16) Methylene chloride	2.503	84	42262	3.419	ug/L	99
17) Methyl tert-butyl Ether	2.773	73	94744	5.014	ug/L	99
18) trans-1,2-Dichloroethene	2.757	96	37010	4.361	ug/L	98
19) 1,1-Dichloroethane	3.188	63	71446	4.772	ug/L	97
21) 2-Butanone	3.995	43	113693	50.920	ug/L #	72
22) cis-1,2-Dichloroethene	3.915	96	38928	4.615	ug/L	89
23) Bromochloromethane	4.252	128	19423	4.878	ug/L	95
25) Chloroform	4.378	83	72701	4.752	ug/L	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW092321\
 Data File : VW022284.D
 Acq On : 23 Sep 2021 15:19
 Operator : SY/MD
 Sample : M3814-20
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 GB6Y0

Manual Integrations
 APPROVED

MMDadoda

9/27/2021 10:55:10 AM

Quant Time: Sep 24 03:45:16 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR092321WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Sep 24 03:31:01 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.137	62	44029	4.928	ug/L	98
29) 1,1,1-Trichloroethane	4.609	97	62100	5.019	ug/L	99
30) Cyclohexane	4.674	56	52907	4.283	ug/L	99
31) Carbon tetrachloride	4.828	117	51226	4.874	ug/L	99
33) Benzene	5.101	78	153178	4.902	ug/L	100
34) Trichloroethene	5.918	95	39882	5.022	ug/L	95
35) Methylcyclohexane	6.130	83	55070	4.343	ug/L	99
37) 1,2-Dichloropropane	6.175	63	42253	5.355	ug/L	99
38) Bromodichloromethane	6.513	83	50536	5.316	ug/L	96
39) cis-1,3-Dichloropropene	7.030	75	47189	4.523	ug/L	99
40) 4-Methyl-2-pentanone	7.230	43	292124	57.452	ug/L	99
42) Toluene	7.390	91	171429	5.178	ug/L	99
44) trans-1,3-Dichloropropene	7.654	75	40477	4.538	ug/L	99
45) 1,1,2-Trichloroethane	7.841	97	31768	5.325	ug/L	97
47) Tetrachloroethene	7.979	164	31939	4.742	ug/L	95
48) 2-Hexanone	8.143	43	199835	55.932	ug/L	98
49) Dibromochloromethane	8.249	129	35136	5.477	ug/L	96
50) 1,2-Dibromoethane	8.355	107	29776	5.368	ug/L	95
51) Chlorobenzene	8.882	112	112726	5.184	ug/L	97
52) Ethylbenzene	9.014	91	174223	5.059	ug/L	99
53) m,p-xylene	9.140	106	69615	5.234	ug/L	94
54) o-xylene	9.545	106	66793	5.154	ug/L	96
55) Styrene	9.564	104	115371	5.365	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.242	83	40778	5.505	ug/L	97
59) Bromoform	9.734	173	18624	5.280	ug/L	94
60) Isopropylbenzene	9.934	105	178715	5.073	ug/L	100
61) 1,2,3-Trichloropropane	10.278	75	27669	5.046	ug/L	93
62) 1,3,5-Trimethylbenzene	10.541	105	140611	4.887	ug/L	100
63) 1,2,4-Trimethylbenzene	10.918	105	145203	5.063	ug/L	100
64) 1,3-Dichlorobenzene	11.185	146	87862	5.067	ug/L	97
65) 1,4-Dichlorobenzene	11.275	146	86658	4.931	ug/L	96
67) 1,2-Dichlorobenzene	11.644	146	85822	5.192	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.432	75	5627	5.162	ug/L	93
69) 1,3,5-Trichlorobenzene	12.648	180	63936	4.861	ug/L	99
70) 1,2,4-trichlorobenzene	13.265	180	50751	4.843	ug/L	95
71) Naphthalene	13.503	128	94495	4.963	ug/L	99
72) 1,2,3-Trichlorobenzene	13.747	180	50222	5.129	ug/L	100

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV092321\
Data File : VV022284.D
Acq On : 23 Sep 2021 15:19
Operator : SY/MD
Sample : M3814-20
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 14 Sample Multiplier: 1

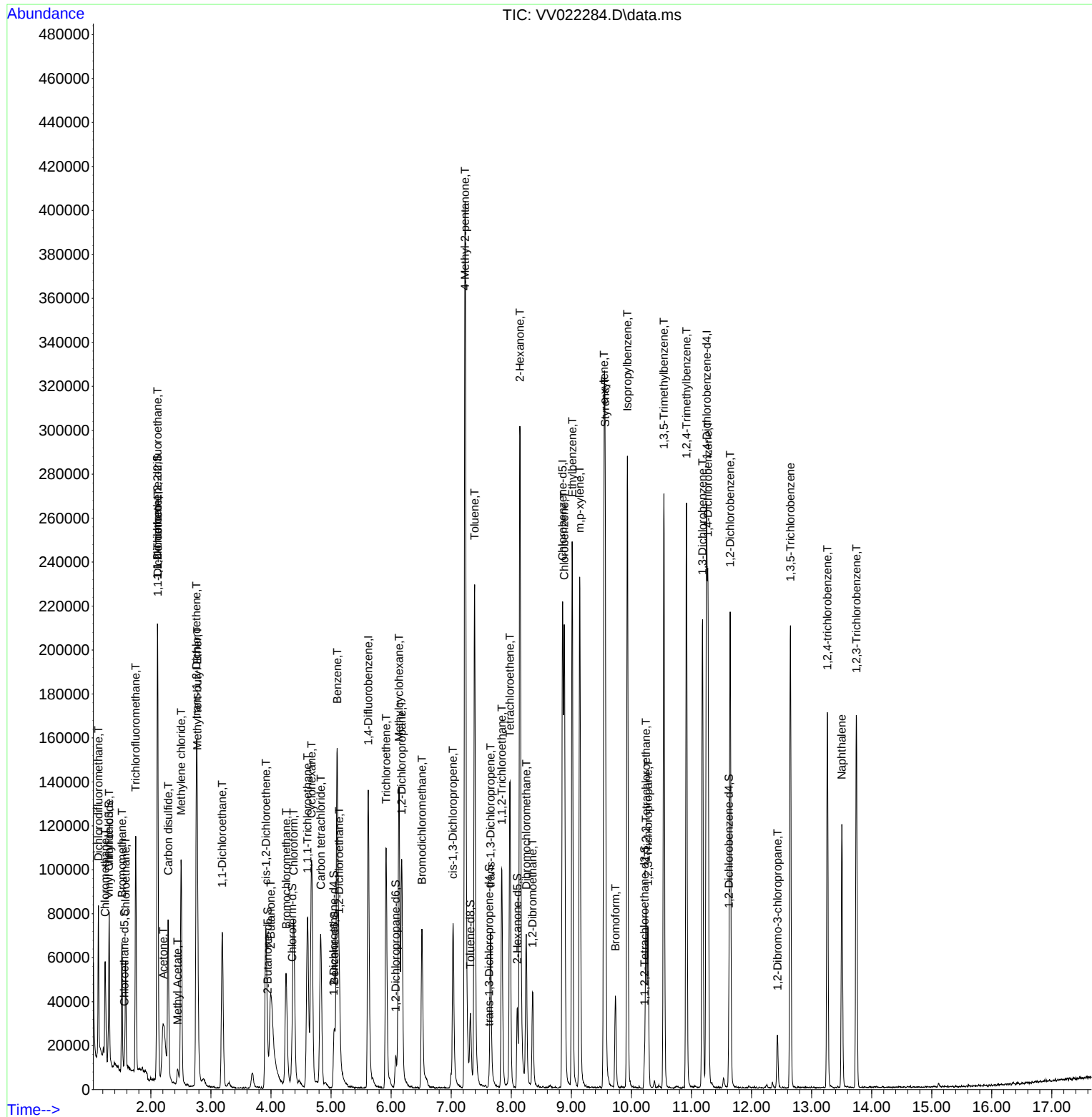
Instrument :
MSVOA_V
ClientSampleId :
GB6Y0

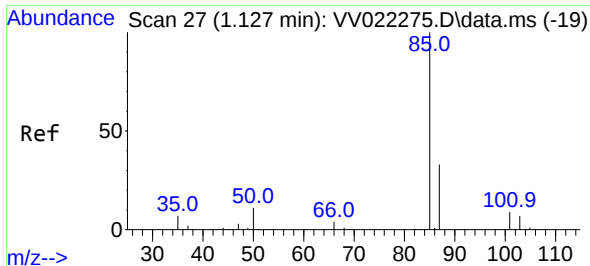
Manual Integrations
APPROVED

MMDadoda

9/27/2021 10:55:10 AM

Quant Time: Sep 24 03:45:16 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR092321WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Sep 24 03:31:01 2021
Response via : Initial Calibration





#2
 Dichlorodifluoromethane
 Concen: 3.888 ug/L
 RT: 1.127 min Scan# 27
 Delta R.T. -0.000 min
 Lab File: VV022284.D
 Acq: 23 Sep 2021 15:19

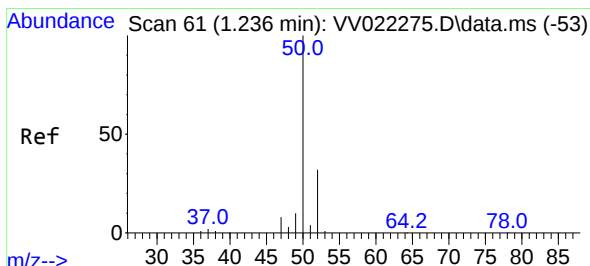
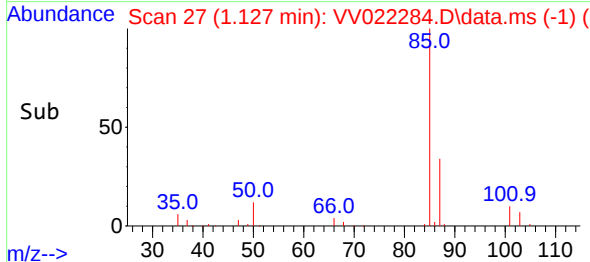
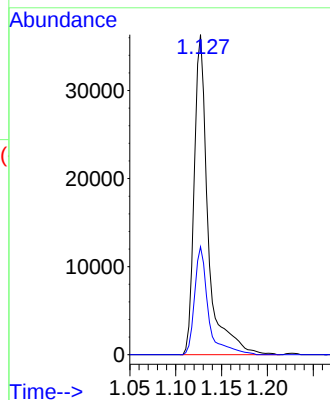
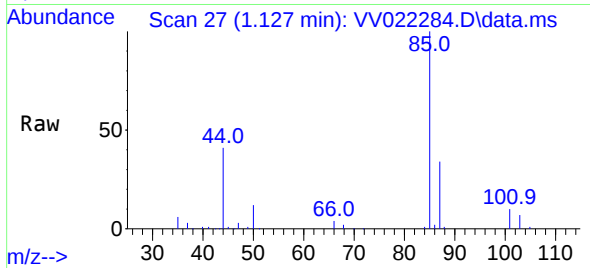
Tgt Ion: 85 Resp: 38276
 Ion Ratio Lower Upper
 85 100
 87 33.4 26.4 39.6

Instrument :
 MSVOA_V
 ClientSampleId :
 GB6Y0

Manual Integrations
 APPROVED

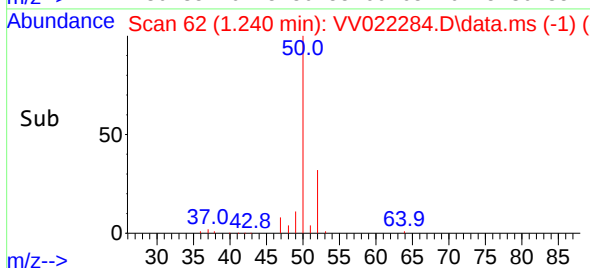
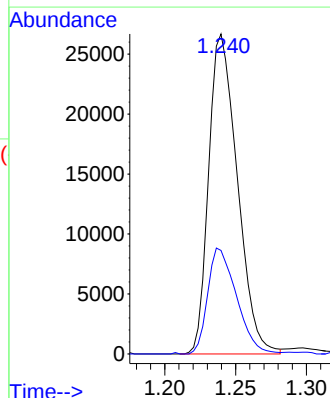
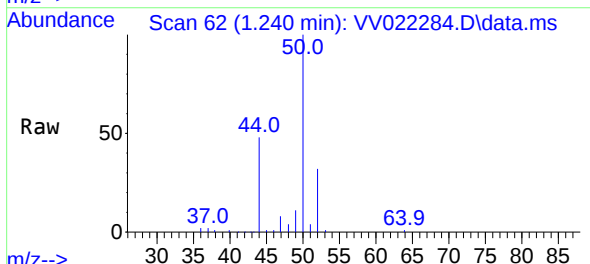
MMDadoda

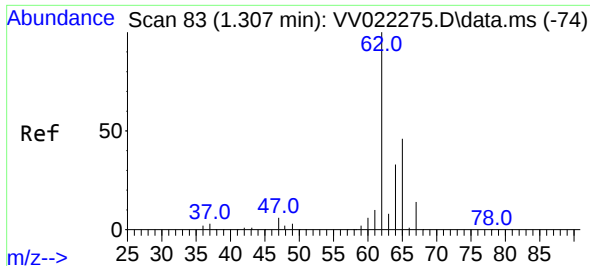
9/27/2021 10:55:10 AM



#3
 Chloromethane
 Concen: 3.818 ug/L
 RT: 1.240 min Scan# 62
 Delta R.T. 0.003 min
 Lab File: VV022284.D
 Acq: 23 Sep 2021 15:19

Tgt Ion: 50 Resp: 37560
 Ion Ratio Lower Upper
 50 100
 52 32.3 22.2 41.2





#5
 Vinyl chloride
 Concen: 4.206 ug/L
 RT: 1.307 min Scan# 83
 Delta R.T. -0.000 min
 Lab File: VV022284.D
 Acq: 23 Sep 2021 15:19

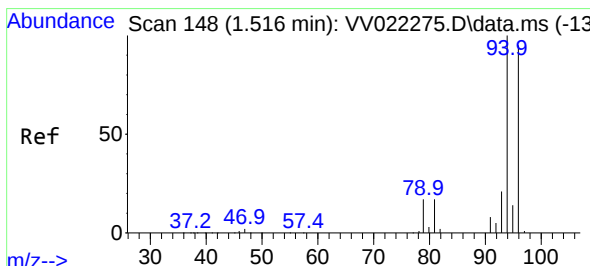
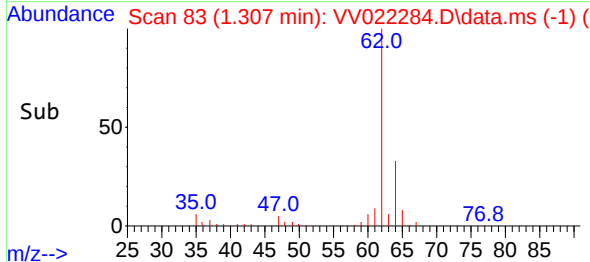
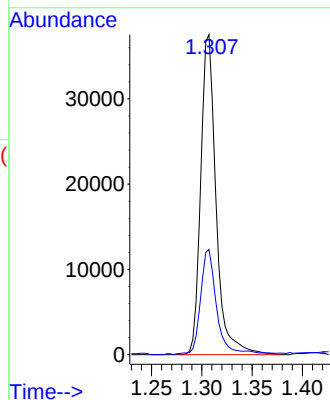
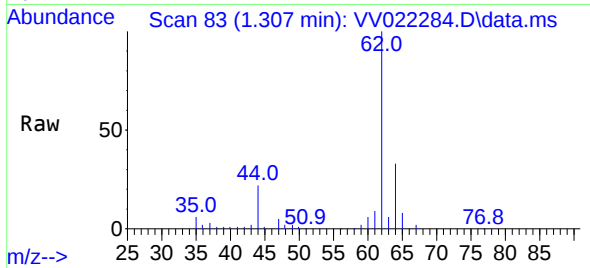
Tgt Ion: 62 Resp: 39796
 Ion Ratio Lower Upper
 62 100
 64 32.9 23.4 43.4

Instrument :
 MSVOA_V
 ClientSampled :
 GB6Y0

Manual Integrations
 APPROVED

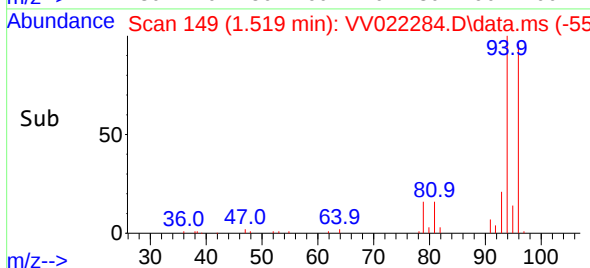
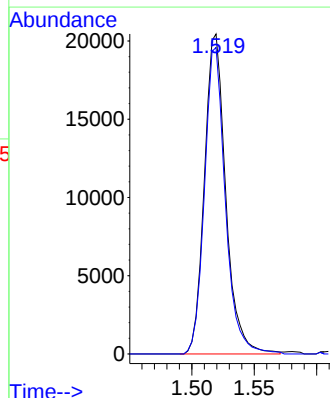
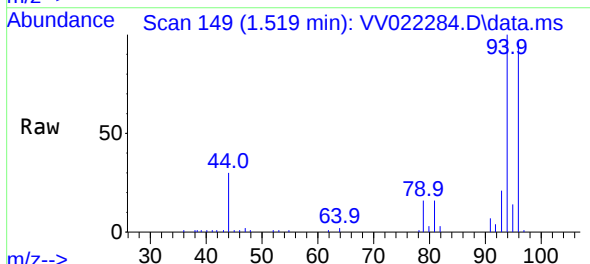
MMDadoda

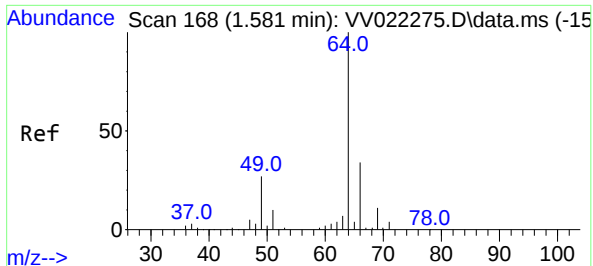
9/27/2021 10:55:10 AM



#6
 Bromomethane
 Concen: 4.025 ug/L
 RT: 1.519 min Scan# 149
 Delta R.T. 0.003 min
 Lab File: VV022284.D
 Acq: 23 Sep 2021 15:19

Tgt Ion: 94 Resp: 24413
 Ion Ratio Lower Upper
 94 100
 96 95.8 66.6 123.8





#8
Chloroethane
Concen: 4.455 ug/L
RT: 1.580 min Scan# 168
Delta R.T. -0.000 min
Lab File: VV022284.D
Acq: 23 Sep 2021 15:19

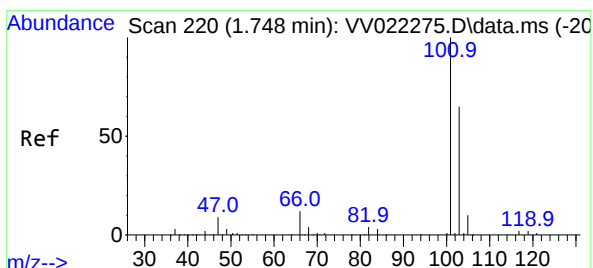
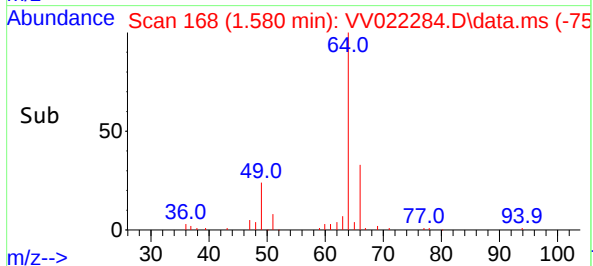
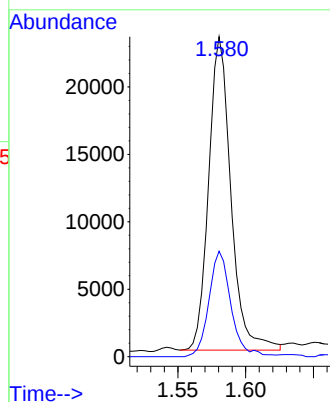
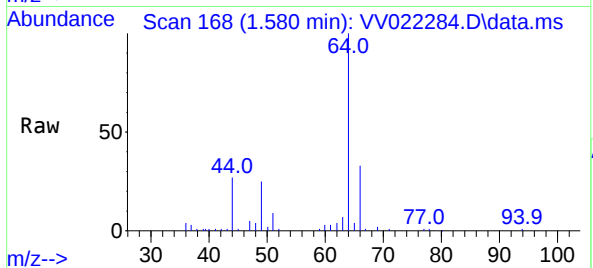
Tgt Ion: 64 Resp: 26546
Ion Ratio Lower Upper
64 100
66 33.0 23.6 43.8

Instrument :
MSVOA_V
ClientSampleId :
GB6Y0

Manual Integrations
APPROVED

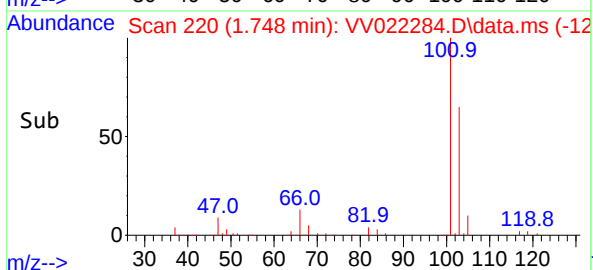
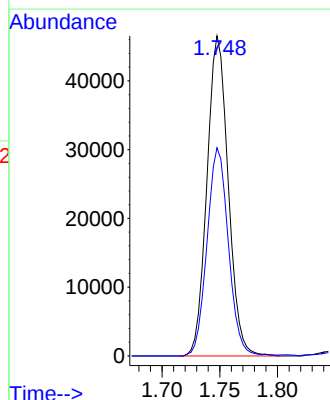
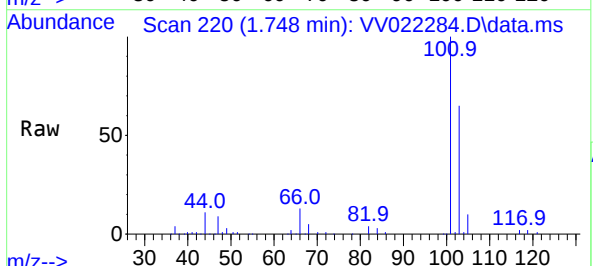
MMDadoda

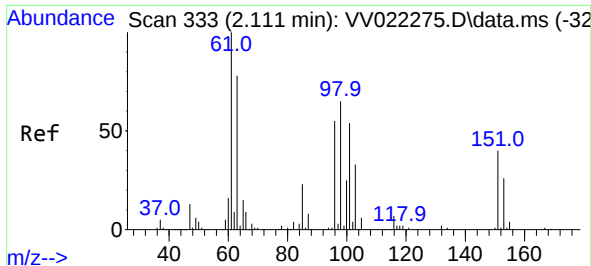
9/27/2021 10:55:10 AM



#9
Trichlorofluoromethane
Concen: 4.549 ug/L
RT: 1.748 min Scan# 220
Delta R.T. -0.000 min
Lab File: VV022284.D
Acq: 23 Sep 2021 15:19

Tgt Ion:101 Resp: 59533
Ion Ratio Lower Upper
101 100
103 65.3 51.3 76.9





#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 4.321 ug/L
RT: 2.111 min Scan# 333
Delta R.T. -0.000 min
Lab File: VV022284.D
Acq: 23 Sep 2021 15:19

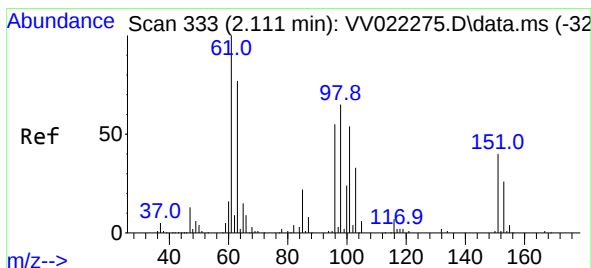
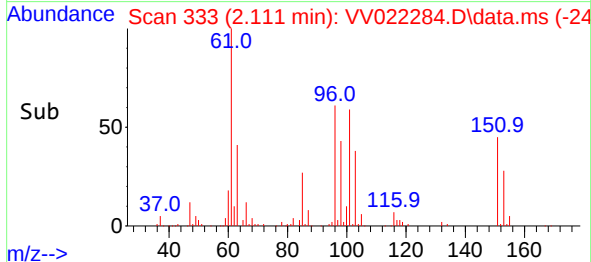
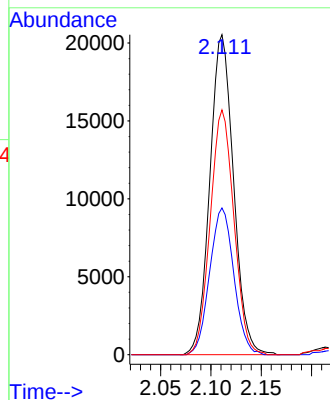
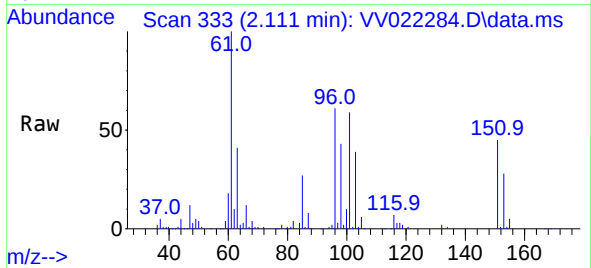
Tgt Ion: 101 Resp: 33701
Ion Ratio Lower Upper
101 100
85 46.6 35.2 52.8
151 76.3 58.8 88.2

Instrument :
MSVOA_V
ClientSampled :
GB6Y0

Manual Integrations
APPROVED

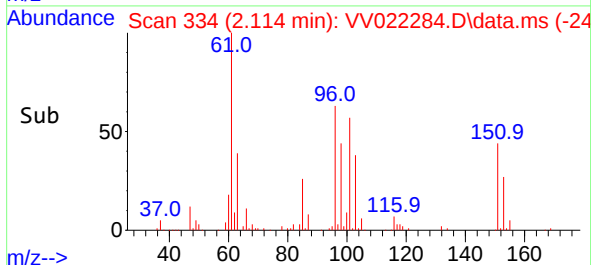
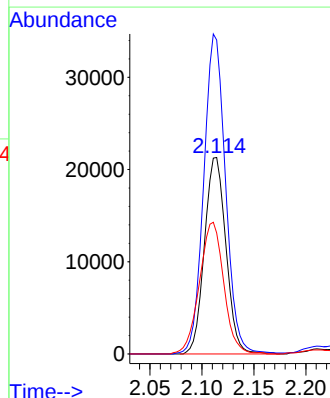
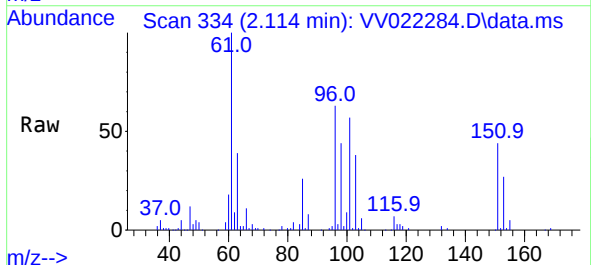
MMDadoda

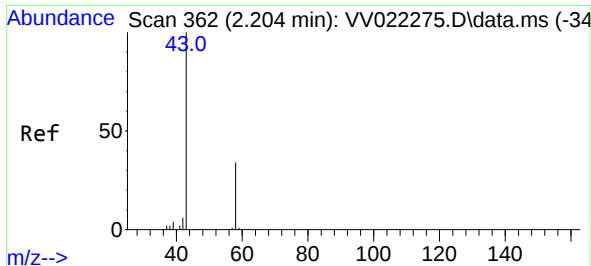
9/27/2021 10:55:10 AM



#12
1,1-Dichloroethene
Concen: 4.324 ug/L
RT: 2.114 min Scan# 334
Delta R.T. 0.003 min
Lab File: VV022284.D
Acq: 23 Sep 2021 15:19

Tgt Ion: 96 Resp: 30720
Ion Ratio Lower Upper
96 100
61 159.8 127.4 236.6
63 61.6 100.0 185.6#





#13
Acetone
Concen: 52.627 ug/L
RT: 2.204 min Scan# 362
Delta R.T. -0.000 min
Lab File: VV022284.D
Acq: 23 Sep 2021 15:19

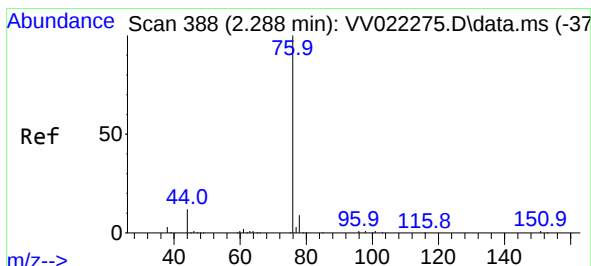
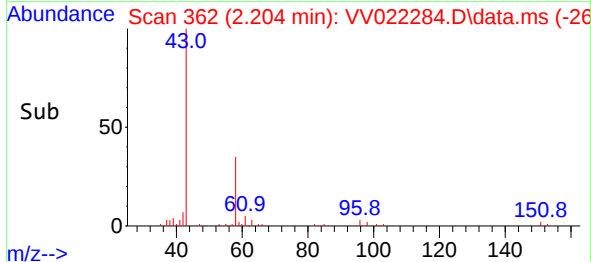
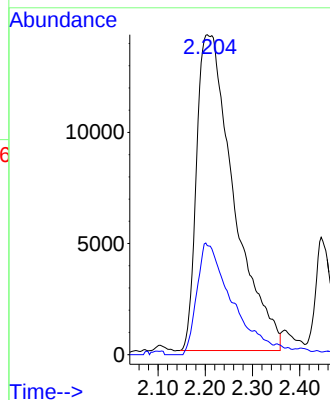
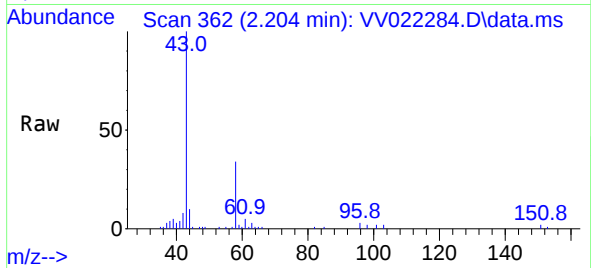
Tgt Ion: 43 Resp: 77673
Ion Ratio Lower Upper
43 100
58 33.0 0.0 66.2

Instrument :
MSVOA_V
ClientSampleId :
GB6Y0

Manual Integrations
APPROVED

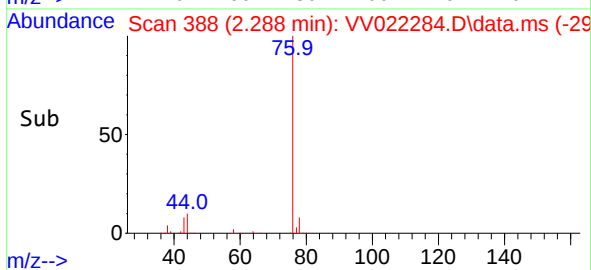
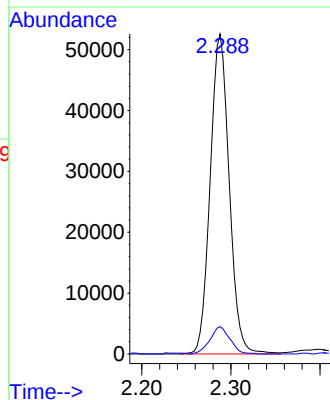
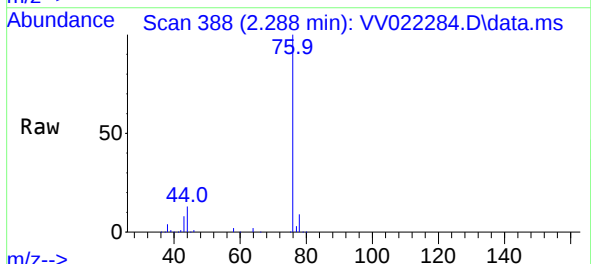
MMDadoda

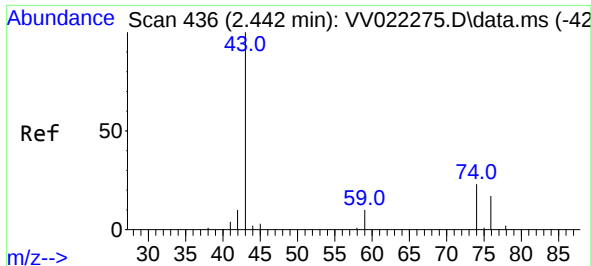
9/27/2021 10:55:10 AM



#14
Carbon disulfide
Concen: 3.217 ug/L
RT: 2.288 min Scan# 388
Delta R.T. -0.000 min
Lab File: VV022284.D
Acq: 23 Sep 2021 15:19

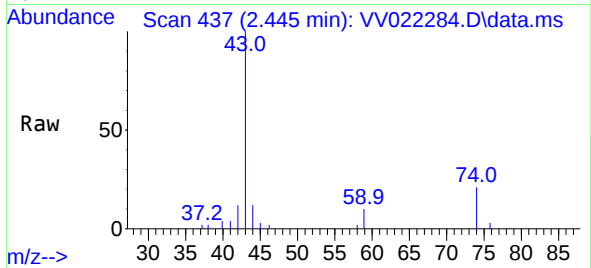
Tgt Ion: 76 Resp: 77728
Ion Ratio Lower Upper
76 100
78 8.6 7.5 11.3





#15
Methyl Acetate
Concen: 3.850 ug/L
RT: 2.445 min Scan# 437
Delta R.T. 0.003 min
Lab File: VV022284.D
Acq: 23 Sep 2021 15:19

Instrument :
MSVOA_V
ClientSampled :
GB6Y0

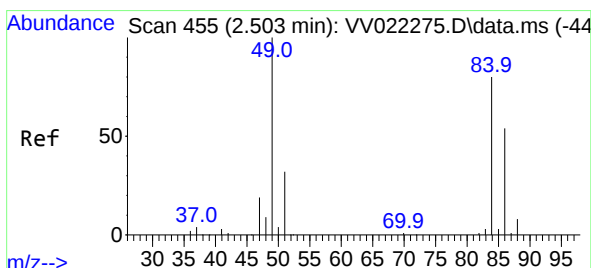
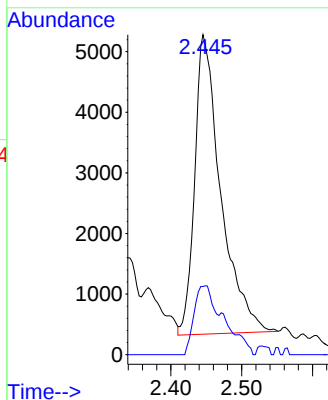
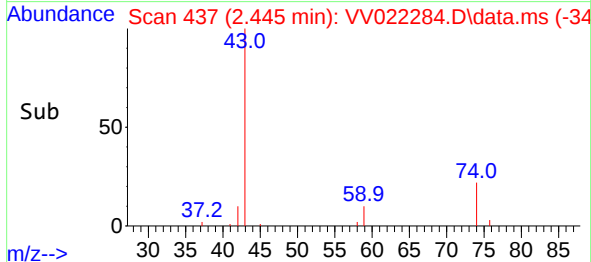


Tgt Ion: 43 Resp: 12609
Ion Ratio Lower Upper
43 100
74 26.1 17.5 26.3

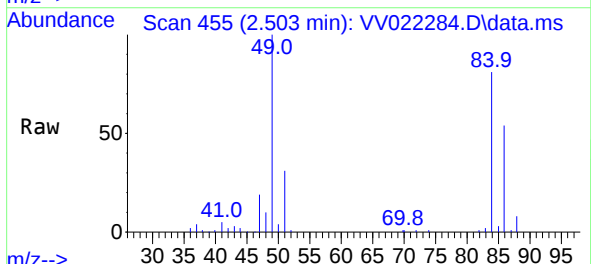
Manual Integrations
APPROVED

MMDadoda

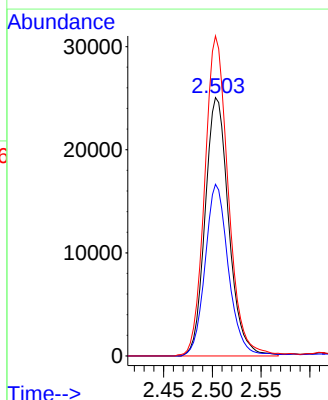
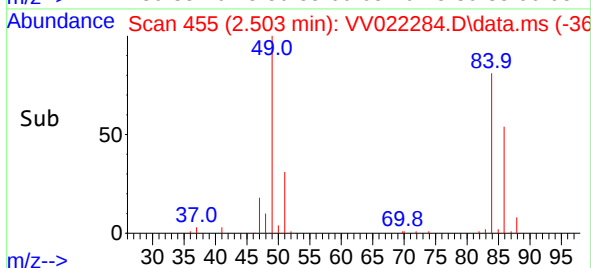
9/27/2021 10:55:10 AM

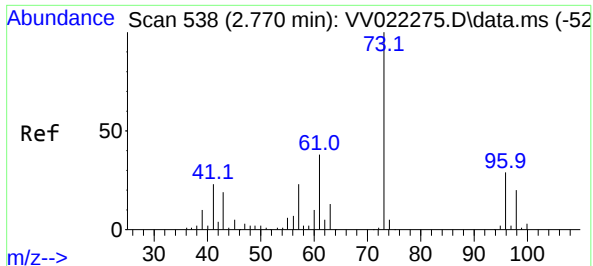


#16
Methylene chloride
Concen: 3.419 ug/L
RT: 2.503 min Scan# 455
Delta R.T. -0.000 min
Lab File: VV022284.D
Acq: 23 Sep 2021 15:19



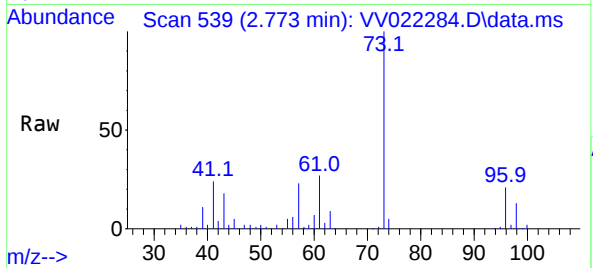
Tgt Ion: 84 Resp: 42262
Ion Ratio Lower Upper
84 100
86 66.5 47.1 87.5
49 123.9 86.9 161.5





#17
Methyl tert-butyl Ether
Concen: 5.014 ug/L
RT: 2.773 min Scan# 539
Delta R.T. 0.003 min
Lab File: VV022284.D
Acq: 23 Sep 2021 15:19

Instrument :
MSVOA_V
ClientSampled :
GB6Y0

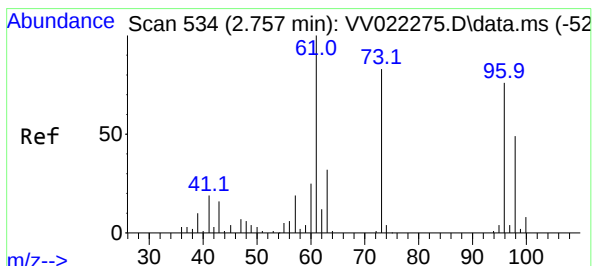
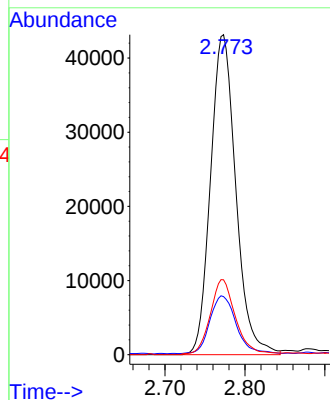
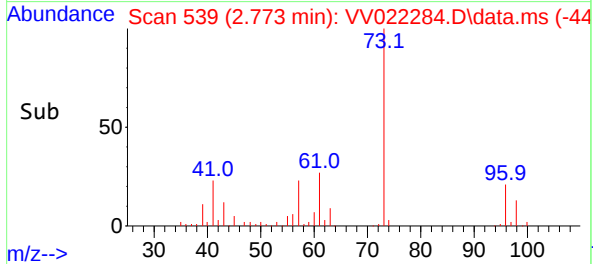


Tgt Ion: 73	Resp: 94744
Ion Ratio	Lower Upper
73 100	
43 18.7	15.0 22.6
57 23.6	18.3 27.5

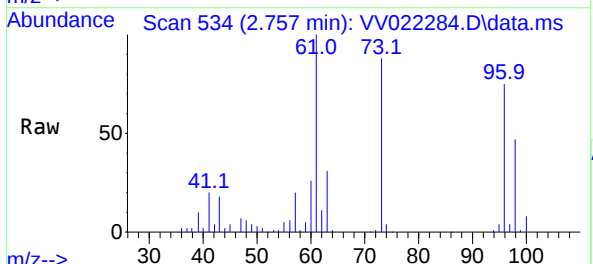
Manual Integrations
APPROVED

MMDadoda

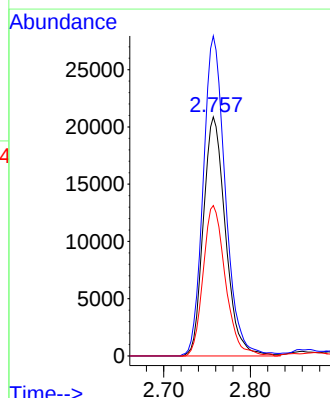
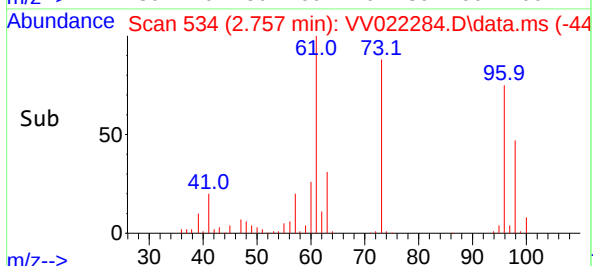
9/27/2021 10:55:10 AM

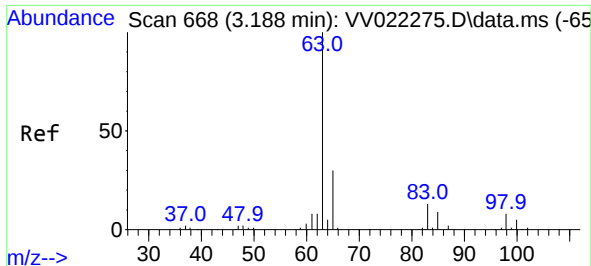


#18
trans-1,2-Dichloroethene
Concen: 4.361 ug/L
RT: 2.757 min Scan# 534
Delta R.T. -0.000 min
Lab File: VV022284.D
Acq: 23 Sep 2021 15:19



Tgt Ion: 96	Resp: 37010
Ion Ratio	Lower Upper
96 100	
61 133.9	92.0 170.9
98 62.9	44.7 83.1





#19
1,1-Dichloroethane
Concen: 4.772 ug/L
RT: 3.188 min Scan# 668
Delta R.T. -0.000 min
Lab File: VV022284.D
Acq: 23 Sep 2021 15:19

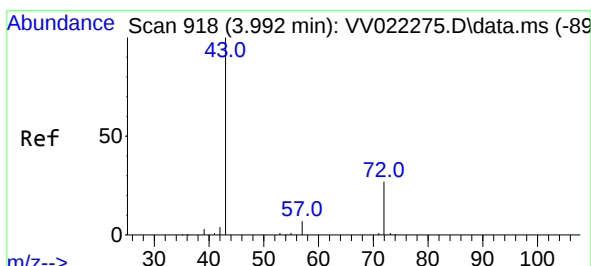
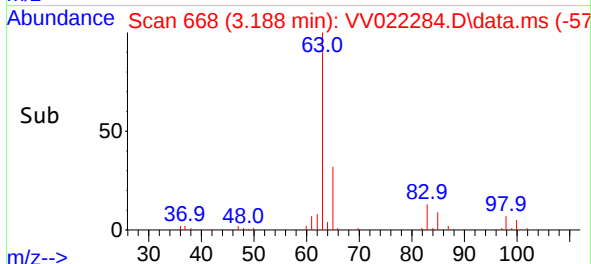
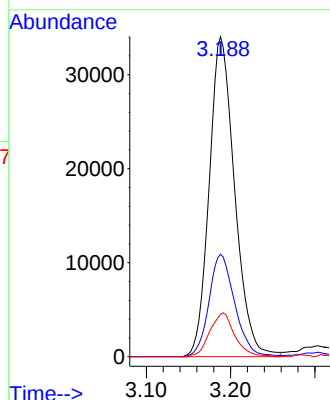
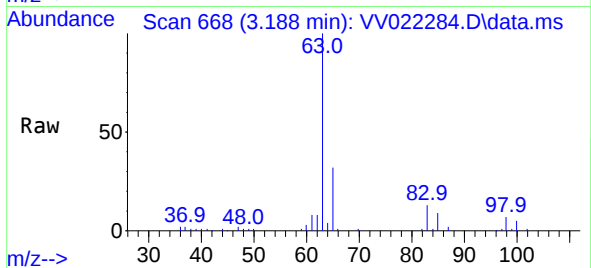
Tgt Ion:	63	Resp:	71446
Ion	Ratio	Lower	Upper
63	100		
65	32.0	20.6	38.4
83	13.2	9.4	17.4

Instrument :
MSVOA_V
ClientSampleId :
GB6Y0

Manual Integrations
APPROVED

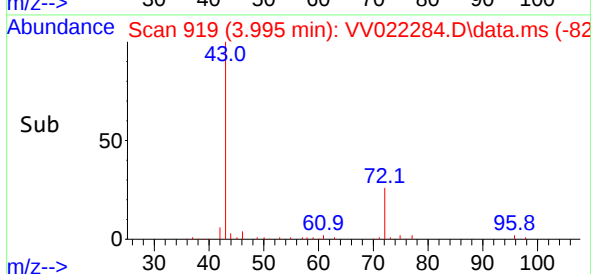
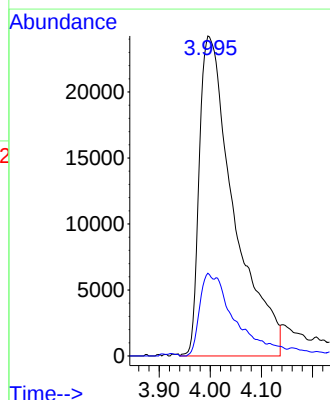
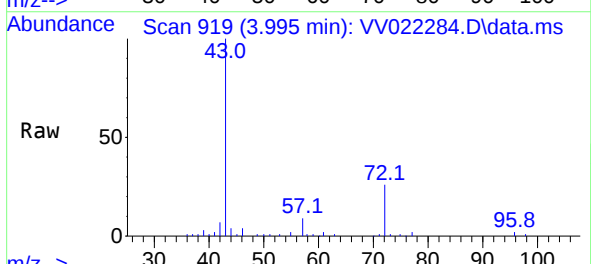
MMDadoda

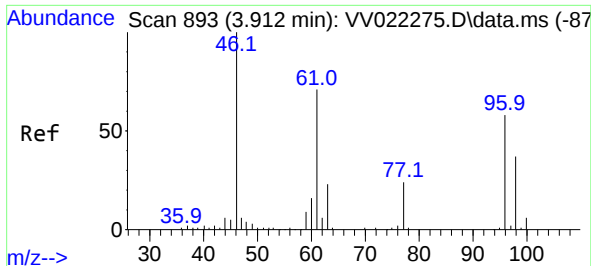
9/27/2021 10:55:10 AM



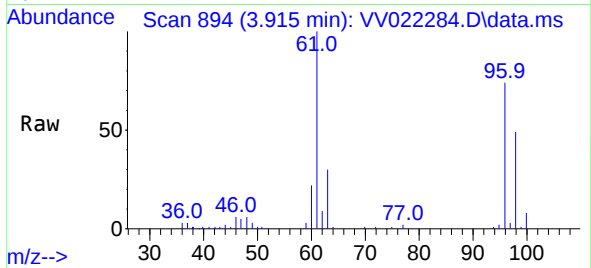
#21
2-Butanone
Concen: 50.920 ug/L
RT: 3.995 min Scan# 919
Delta R.T. 0.003 min
Lab File: VV022284.D
Acq: 23 Sep 2021 15:19

Tgt Ion:	43	Resp:	113693
Ion	Ratio	Lower	Upper
43	100		
72	10.7	12.4	37.2#

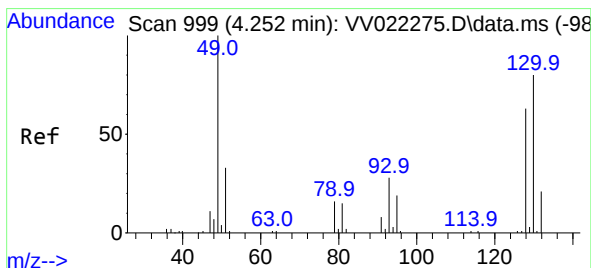
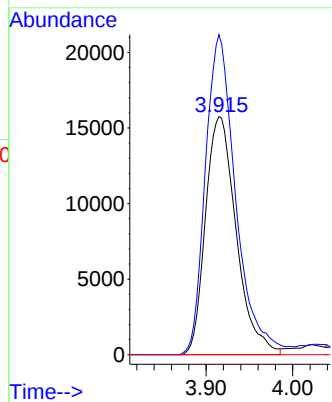
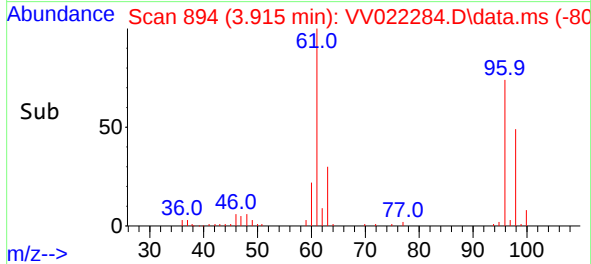




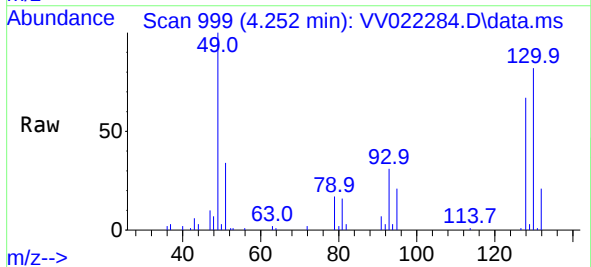
#22
cis-1,2-Dichloroethene
Concen: 4.615 ug/L
RT: 3.915 min Scan# 894
Delta R.T. 0.003 min
Lab File: VV022284.D
Acq: 23 Sep 2021 15:19



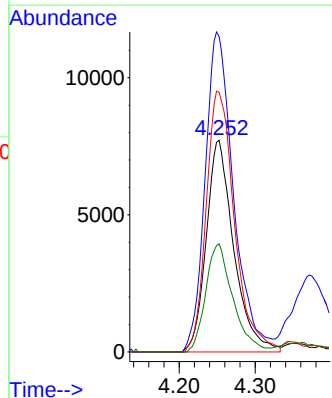
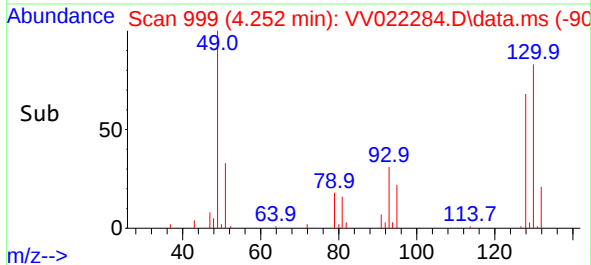
Tgt Ion: 96 Resp: 38928
Ion Ratio Lower Upper
96 100
61 134.4 85.8 159.3
68 0.0 0.0 0.0



#23
Bromochloromethane
Concen: 4.878 ug/L
RT: 4.252 min Scan# 999
Delta R.T. -0.000 min
Lab File: VV022284.D
Acq: 23 Sep 2021 15:19



Tgt Ion: 128 Resp: 19423
Ion Ratio Lower Upper
128 100
49 149.1 110.9 205.9
130 122.7 88.3 163.9
51 51.1 41.8 62.6

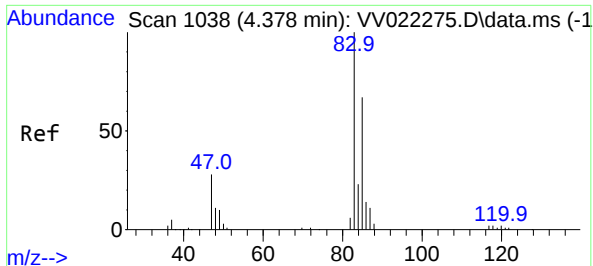


Instrument :
MSVOA_V
ClientSampled :
GB6Y0

Manual Integrations
APPROVED

MMDadoda

9/27/2021 10:55:10 AM



#25

Chloroform
Concen: 4.752 ug/L
RT: 4.378 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VV022284.D
Acq: 23 Sep 2021 15:19

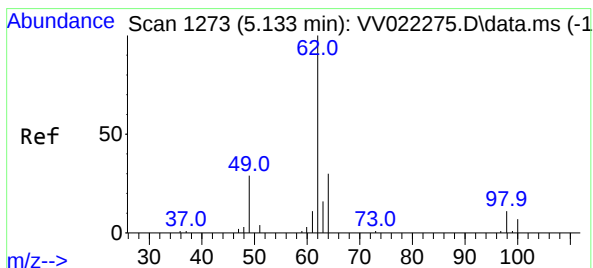
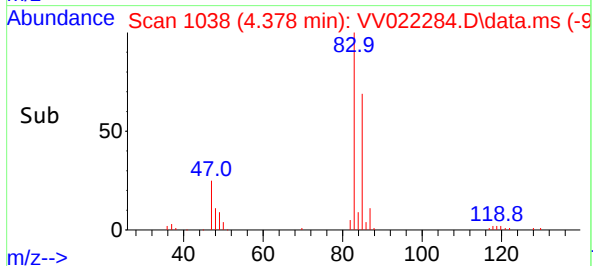
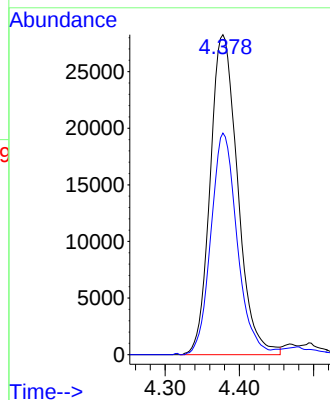
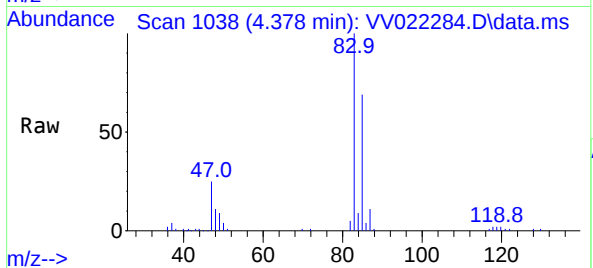
Instrument :
MSVOA_V
ClientSampled :
GB6Y0

Tgt Ion: 83 Resp: 72701
Ion Ratio Lower Upper
83 100
85 69.3 47.0 87.2

Manual Integrations
APPROVED

MMDadoda

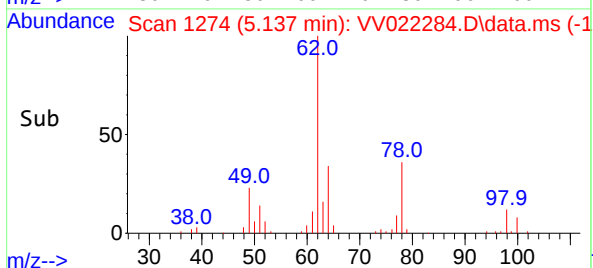
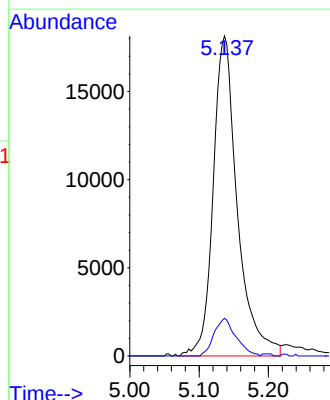
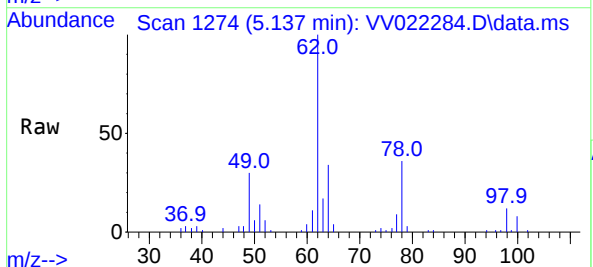
9/27/2021 10:55:10 AM

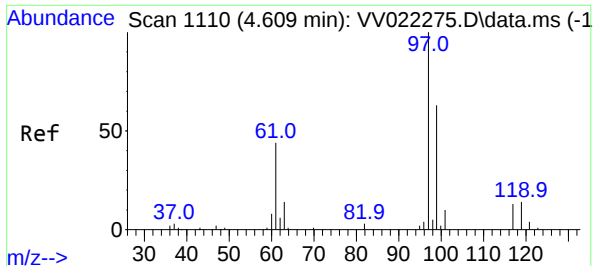


#27

1,2-Dichloroethane
Concen: 4.928 ug/L
RT: 5.137 min Scan# 1274
Delta R.T. 0.003 min
Lab File: VV022284.D
Acq: 23 Sep 2021 15:19

Tgt Ion: 62 Resp: 44029
Ion Ratio Lower Upper
62 100
98 11.7 8.8 13.2





#29
1,1,1-Trichloroethane
Concen: 5.019 ug/L
RT: 4.609 min Scan# 1110
Delta R.T. -0.000 min
Lab File: VV022284.D
Acq: 23 Sep 2021 15:19

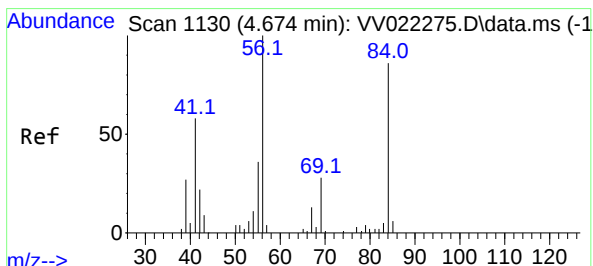
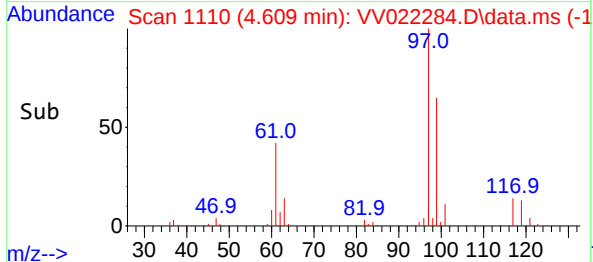
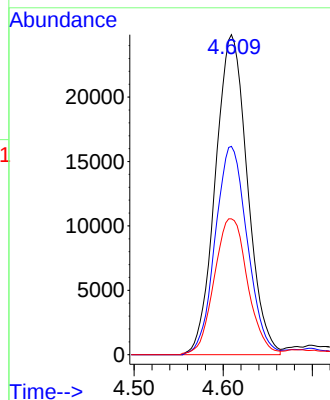
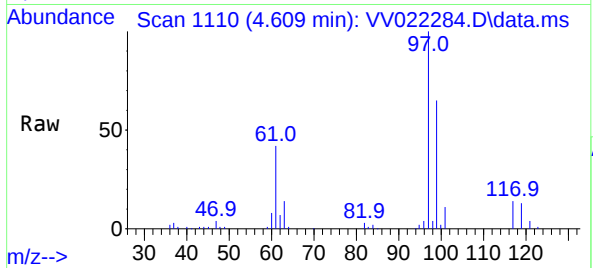
Tgt Ion: 97 Resp: 62100
Ion Ratio Lower Upper
97 100
99 65.3 51.5 77.3
61 44.4 35.5 53.3

Instrument :
MSVOA_V
ClientSampled :
GB6Y0

Manual Integrations
APPROVED

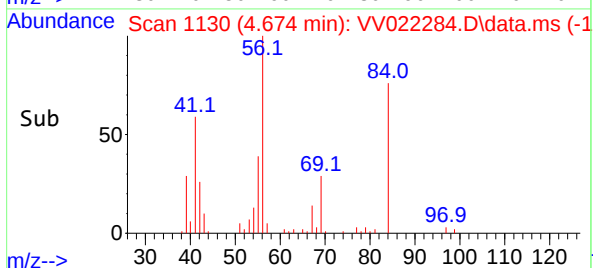
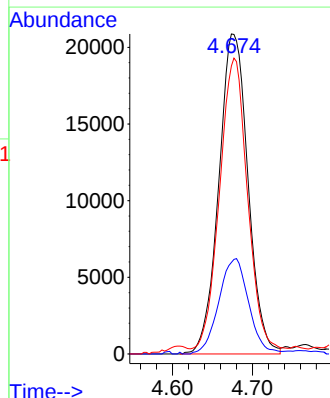
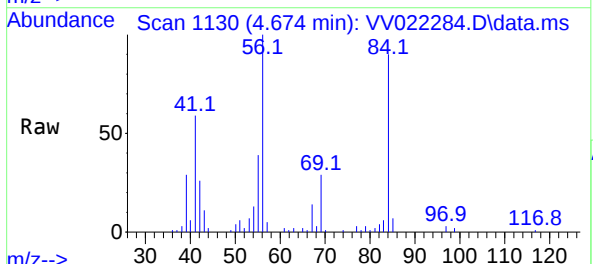
MMDadoda

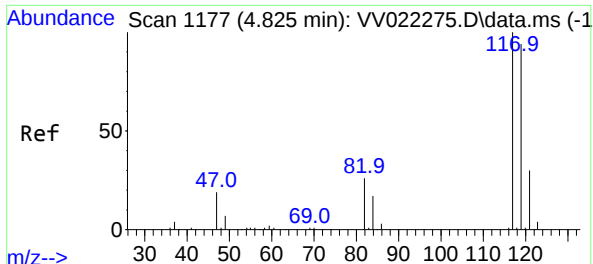
9/27/2021 10:55:10 AM



#30
Cyclohexane
Concen: 4.283 ug/L
RT: 4.674 min Scan# 1130
Delta R.T. -0.000 min
Lab File: VV022284.D
Acq: 23 Sep 2021 15:19

Tgt Ion: 56 Resp: 52907
Ion Ratio Lower Upper
56 100
69 30.4 24.1 36.1
84 87.4 70.8 106.2





#31
Carbon tetrachloride
Concen: 4.874 ug/L
RT: 4.828 min Scan# 1178
Delta R.T. 0.003 min
Lab File: VV022284.D
Acq: 23 Sep 2021 15:19

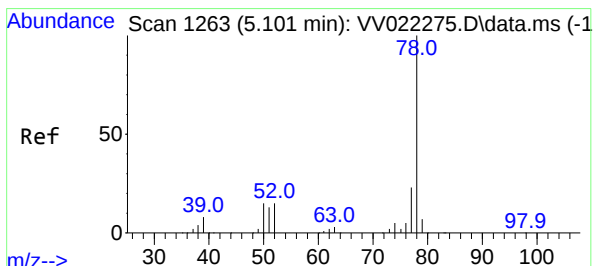
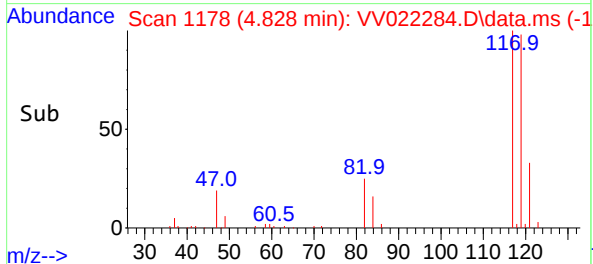
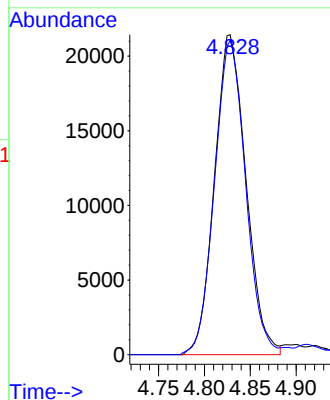
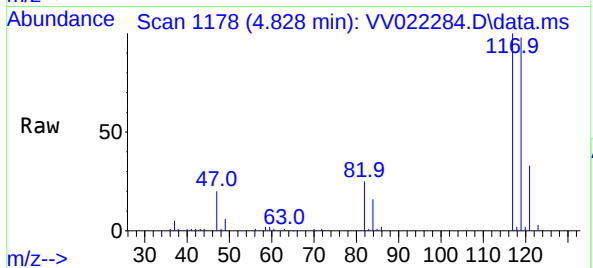
Instrument :
MSVOA_V
ClientSampled :
GB6Y0

Tgt Ion:117 Resp: 51226
Ion Ratio Lower Upper
117 100
119 96.4 76.5 114.7

Manual Integrations
APPROVED

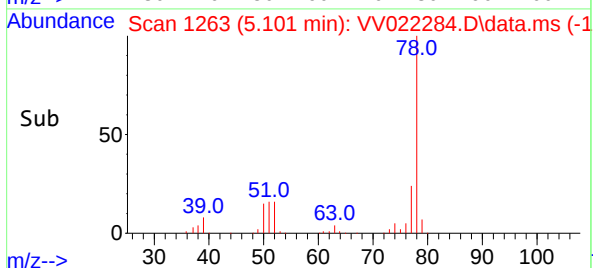
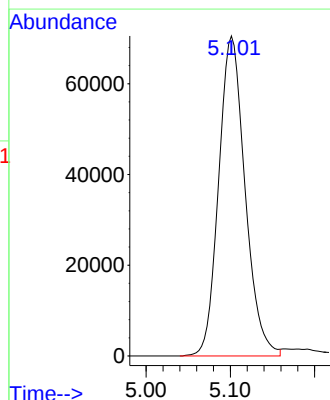
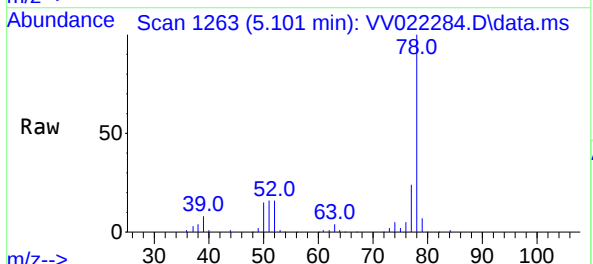
MMDadoda

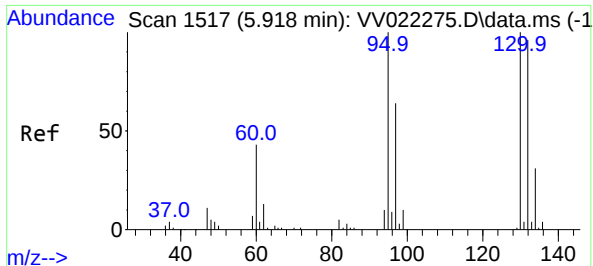
9/27/2021 10:55:10 AM



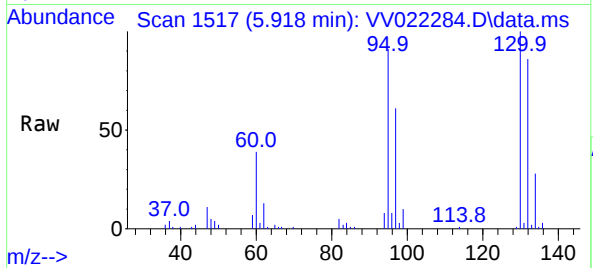
#33
Benzene
Concen: 4.902 ug/L
RT: 5.101 min Scan# 1263
Delta R.T. -0.000 min
Lab File: VV022284.D
Acq: 23 Sep 2021 15:19

Tgt Ion: 78 Resp: 153178

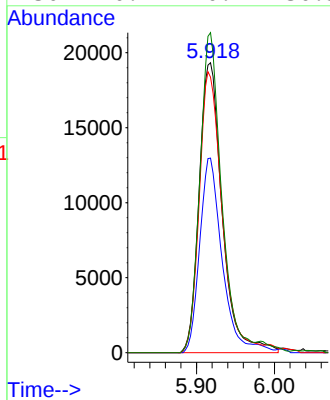
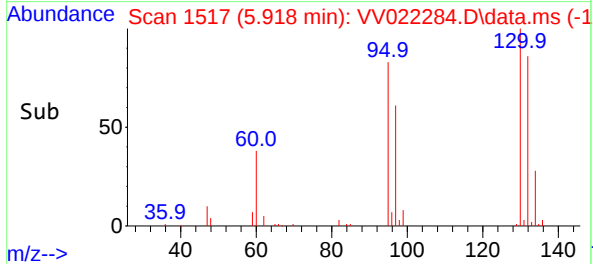




#34
Trichloroethene
Concen: 5.022 ug/L
RT: 5.918 min Scan# 1517
Delta R.T. -0.000 min
Lab File: VV022284.D
Acq: 23 Sep 2021 15:19



Tgt Ion: 95 Resp: 39882
Ion Ratio Lower Upper
95 100
97 67.1 44.7 82.9
132 95.0 67.5 125.3
130 110.4 70.1 130.3

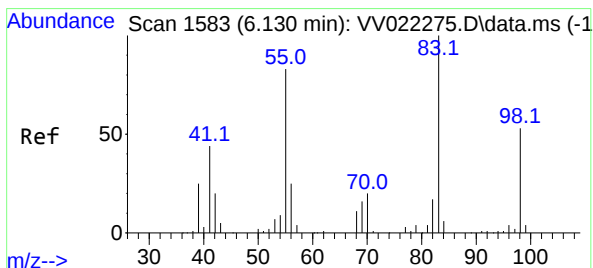


Instrument :
MSVOA_V
ClientSampled :
GB6Y0

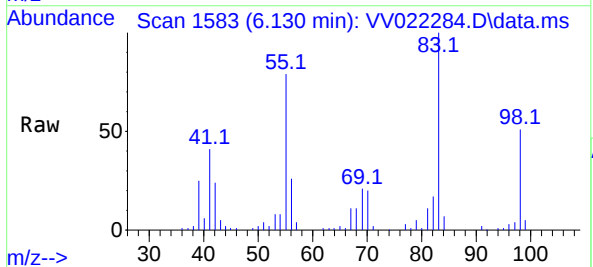
Manual Integrations
APPROVED

MMDadoda

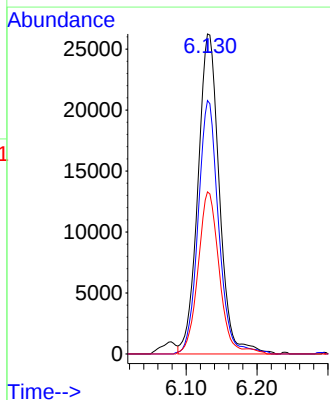
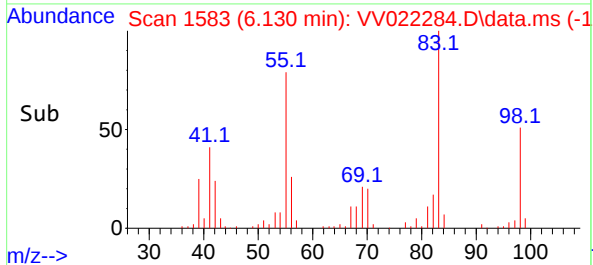
9/27/2021 10:55:10 AM

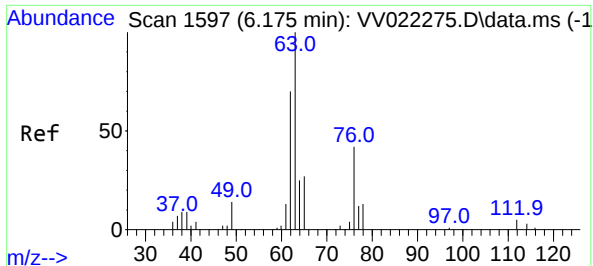


#35
Methylcyclohexane
Concen: 4.343 ug/L
RT: 6.130 min Scan# 1583
Delta R.T. -0.000 min
Lab File: VV022284.D
Acq: 23 Sep 2021 15:19



Tgt Ion: 83 Resp: 55070
Ion Ratio Lower Upper
83 100
55 75.9 60.2 90.2
98 49.3 39.5 59.3





#37
1,2-Dichloropropane
Concen: 5.355 ug/L
RT: 6.175 min Scan# 1597
Delta R.T. -0.000 min
Lab File: VV022284.D
Acq: 23 Sep 2021 15:19

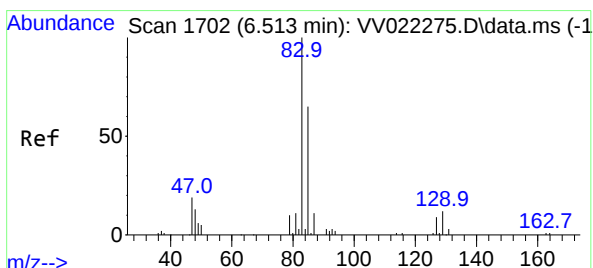
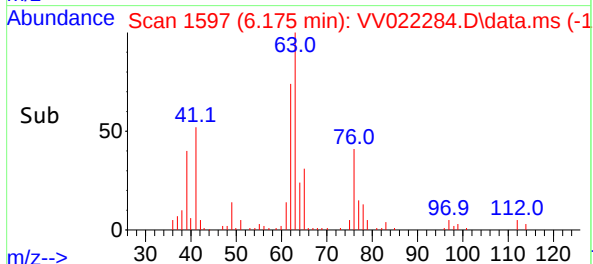
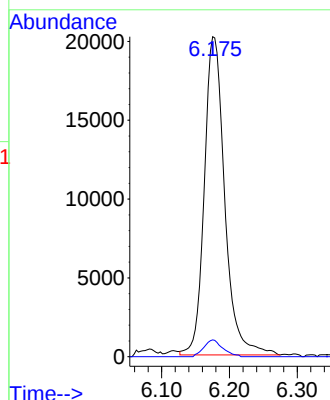
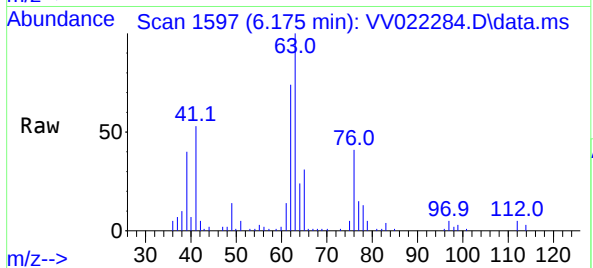
Tgt Ion: 63 Resp: 42253
Ion Ratio Lower Upper
63 100
112 4.9 4.2 6.2

Instrument :
MSVOA_V
ClientSampled :
GB6Y0

Manual Integrations
APPROVED

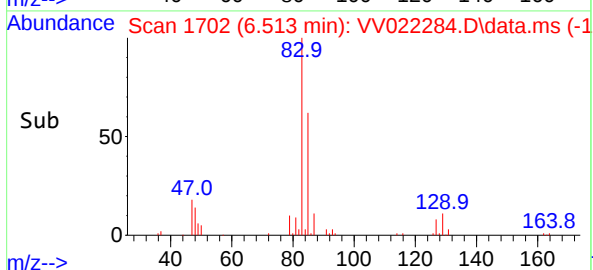
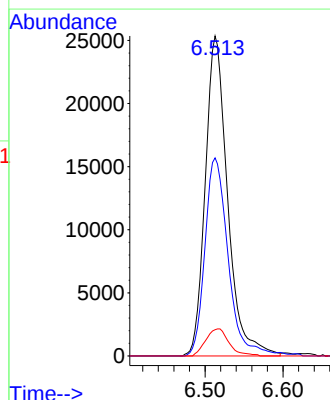
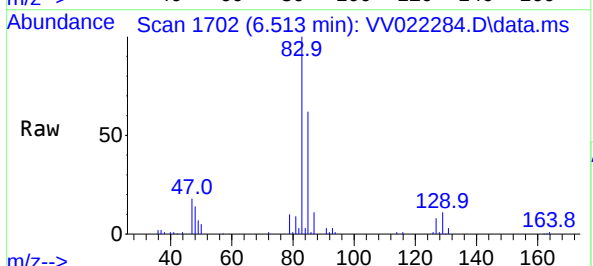
MMDadoda

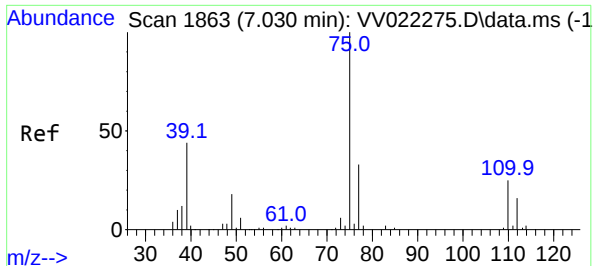
9/27/2021 10:55:10 AM



#38
Bromodichloromethane
Concen: 5.316 ug/L
RT: 6.513 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VV022284.D
Acq: 23 Sep 2021 15:19

Tgt Ion: 83 Resp: 50536
Ion Ratio Lower Upper
83 100
85 61.9 45.4 84.4
127 8.2 7.0 10.4





#39
cis-1,3-Dichloropropene
Concen: 4.523 ug/L
RT: 7.030 min Scan# 1863
Delta R.T. -0.000 min
Lab File: VV022284.D
Acq: 23 Sep 2021 15:19

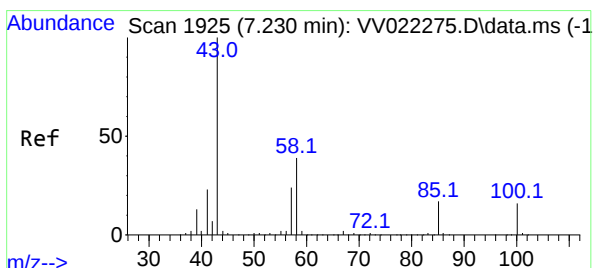
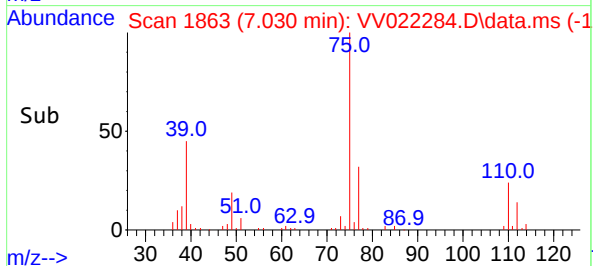
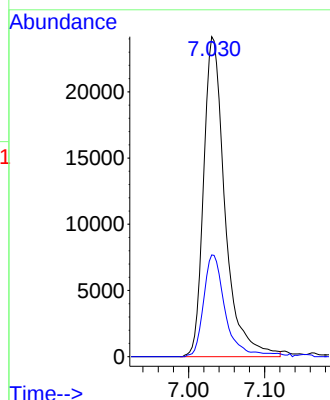
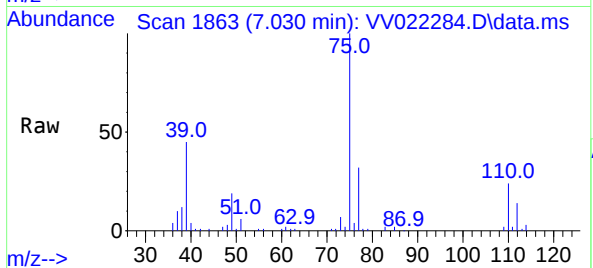
Tgt Ion: 75 Resp: 47189
Ion Ratio Lower Upper
75 100
77 31.8 22.8 42.4

Instrument :
MSVOA_V
ClientSampled :
GB6Y0

Manual Integrations
APPROVED

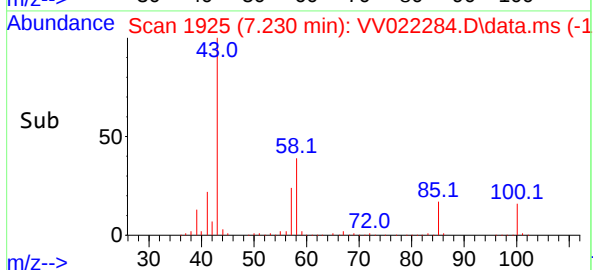
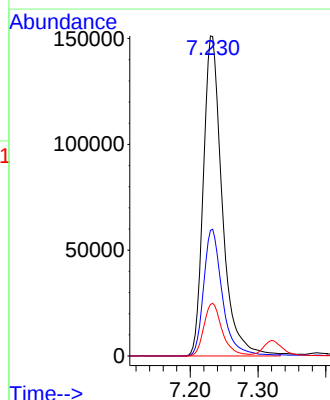
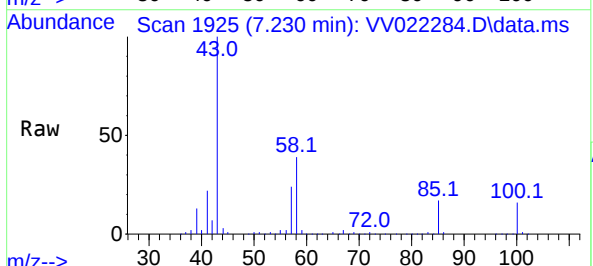
MMDadoda

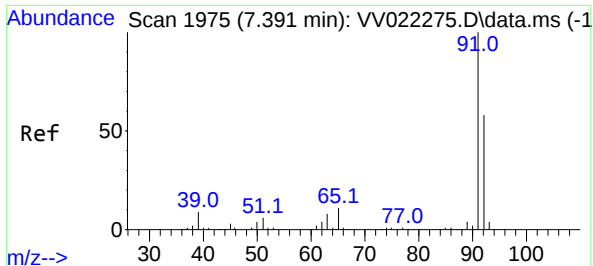
9/27/2021 10:55:10 AM



#40
4-Methyl-2-pentanone
Concen: 57.452 ug/L
RT: 7.230 min Scan# 1925
Delta R.T. -0.000 min
Lab File: VV022284.D
Acq: 23 Sep 2021 15:19

Tgt Ion: 43 Resp: 292124
Ion Ratio Lower Upper
43 100
58 39.3 31.7 47.5
100 15.9 12.2 18.4





#42
Toluene
Concen: 5.178 ug/L
RT: 7.390 min Scan# 1975
Delta R.T. -0.000 min
Lab File: VV022284.D
Acq: 23 Sep 2021 15:19

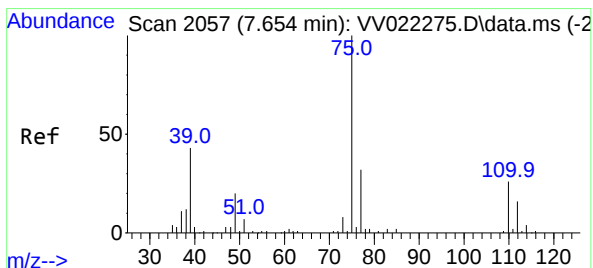
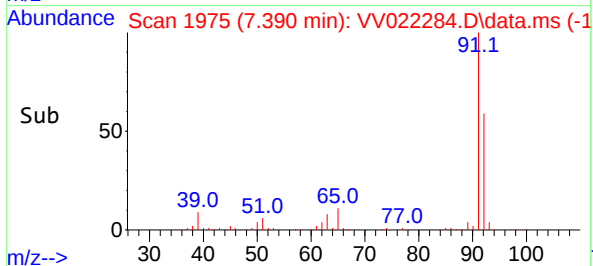
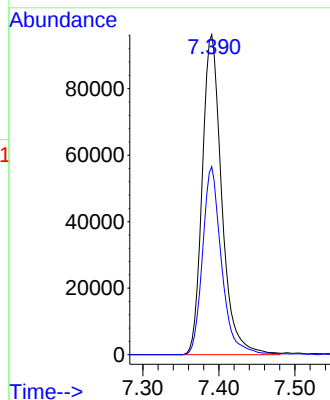
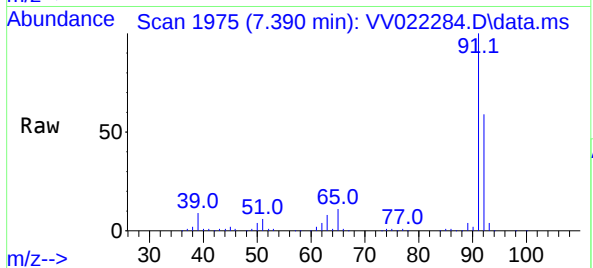
Tgt Ion: 91 Resp: 171429
Ion Ratio Lower Upper
91 100
92 58.7 40.6 75.4

Instrument :
MSVOA_V
ClientSampled :
GB6Y0

Manual Integrations
APPROVED

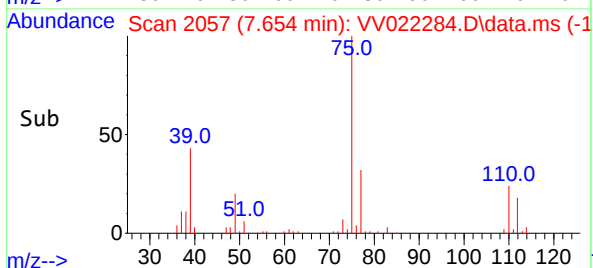
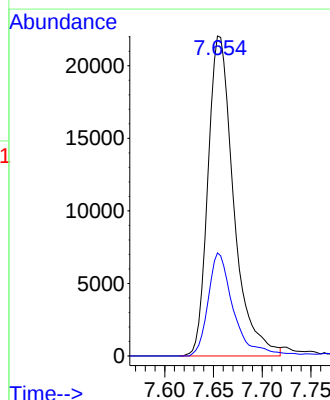
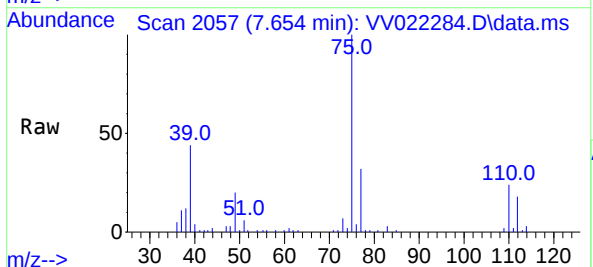
MMDadoda

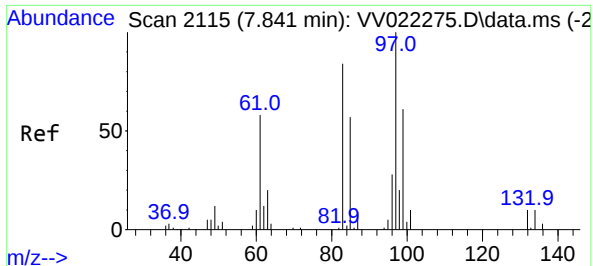
9/27/2021 10:55:10 AM



#44
trans-1,3-Dichloropropene
Concen: 4.538 ug/L
RT: 7.654 min Scan# 2057
Delta R.T. -0.000 min
Lab File: VV022284.D
Acq: 23 Sep 2021 15:19

Tgt Ion: 75 Resp: 40477
Ion Ratio Lower Upper
75 100
77 32.2 22.8 42.4





#45
1,1,2-Trichloroethane
Concen: 5.325 ug/L
RT: 7.841 min Scan# 2115
Delta R.T. -0.000 min
Lab File: VV022284.D
Acq: 23 Sep 2021 15:19

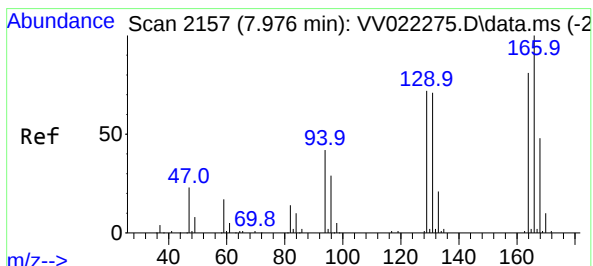
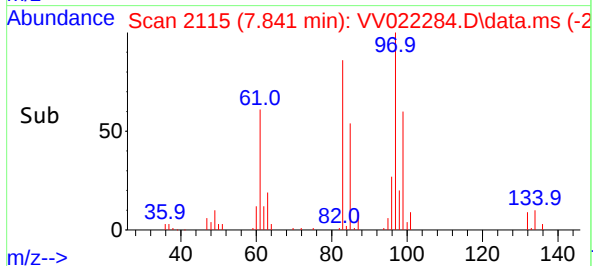
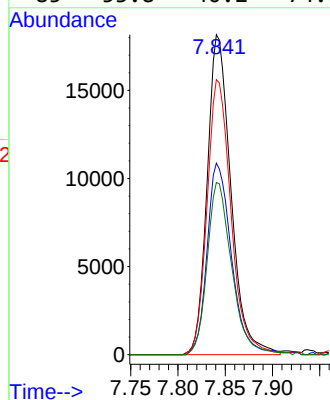
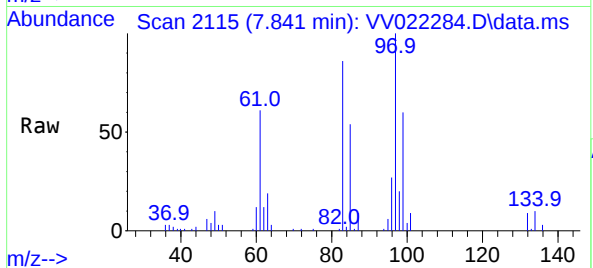
Tgt Ion: 97	Resp: 31768
Ion Ratio	Lower Upper
97 100	
99 59.8	42.6 79.2
83 85.9	58.9 109.5
85 53.8	40.2 74.6

Instrument :
MSVOA_V
ClientSampled :
GB6Y0

Manual Integrations
APPROVED

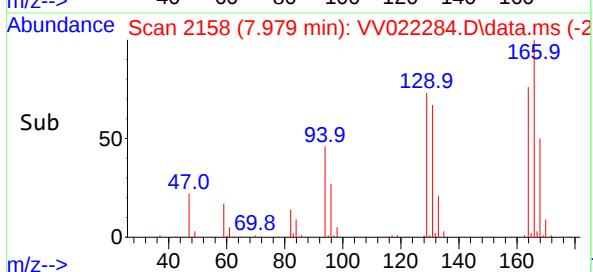
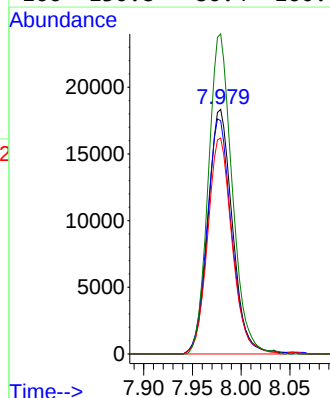
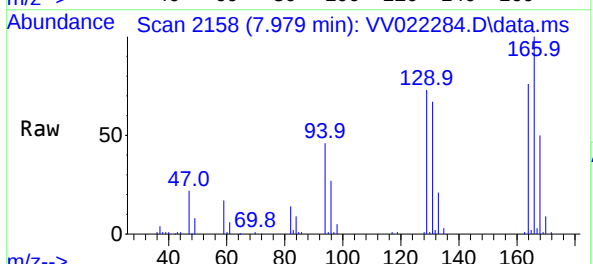
MMDadoda

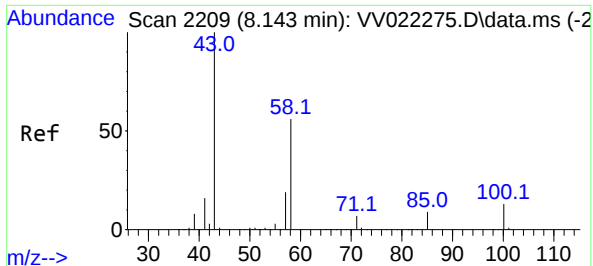
9/27/2021 10:55:10 AM



#47
Tetrachloroethene
Concen: 4.742 ug/L
RT: 7.979 min Scan# 2158
Delta R.T. 0.003 min
Lab File: VV022284.D
Acq: 23 Sep 2021 15:19

Tgt	Ion:164	Resp:	31939
Ion	Ratio	Lower	Upper
164	100		
129	95.3	61.9	115.1
131	88.2	61.0	113.4
166	130.8	86.4	160.4





#48
2-Hexanone
Concen: 55.932 ug/L
RT: 8.143 min Scan# 2209
Delta R.T. -0.000 min
Lab File: VV022284.D
Acq: 23 Sep 2021 15:19

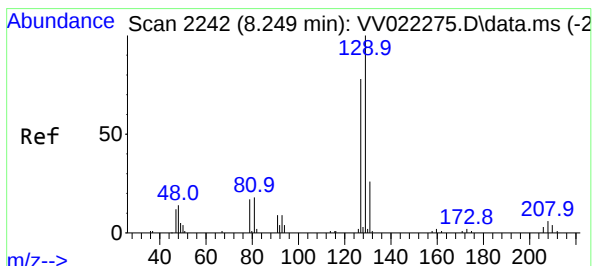
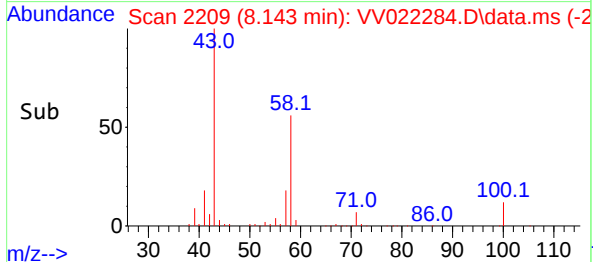
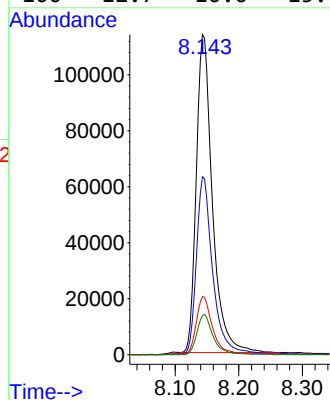
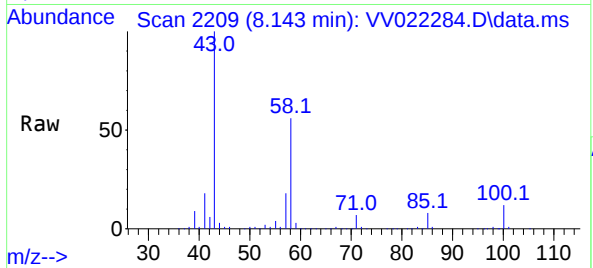
Tgt Ion: 43 Resp: 199835
Ion Ratio Lower Upper
43 100
58 57.2 44.1 66.1
57 18.0 14.2 21.4
100 12.7 10.0 15.0

Instrument :
MSVOA_V
ClientSampleId :
GB6Y0

Manual Integrations
APPROVED

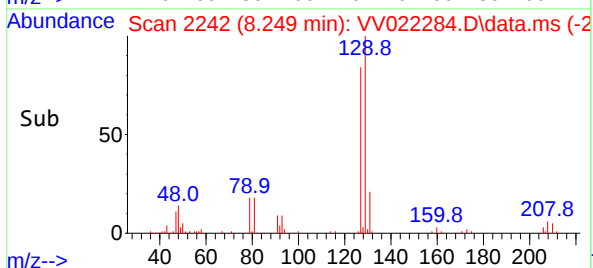
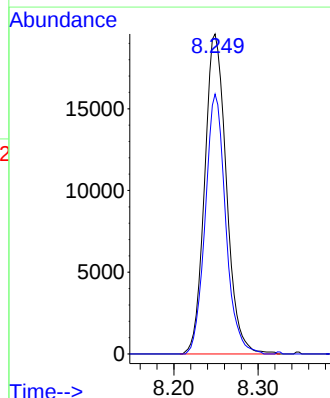
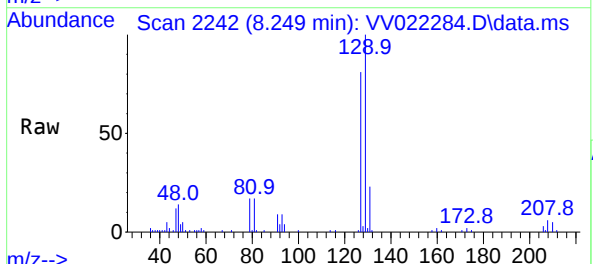
MMDadoda

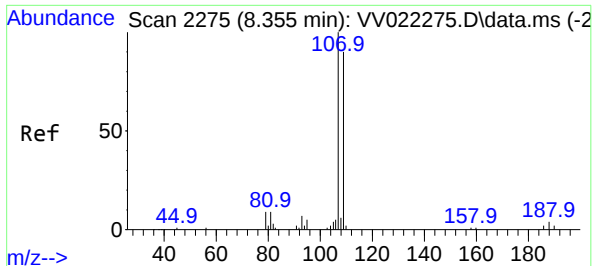
9/27/2021 10:55:10 AM



#49
Dibromochloromethane
Concen: 5.477 ug/L
RT: 8.249 min Scan# 2242
Delta R.T. -0.000 min
Lab File: VV022284.D
Acq: 23 Sep 2021 15:19

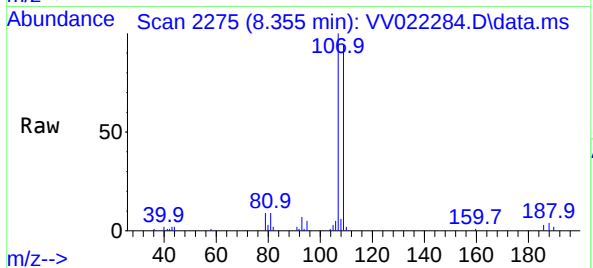
Tgt Ion: 129 Resp: 35136
Ion Ratio Lower Upper
129 100
127 81.2 54.5 101.3





#50
1,2-Dibromoethane
Concen: 5.368 ug/L
RT: 8.355 min Scan# 2275
Delta R.T. -0.000 min
Lab File: VV022284.D
Acq: 23 Sep 2021 15:19

Instrument :
MSVOA_V
ClientSampleId :
GB6Y0

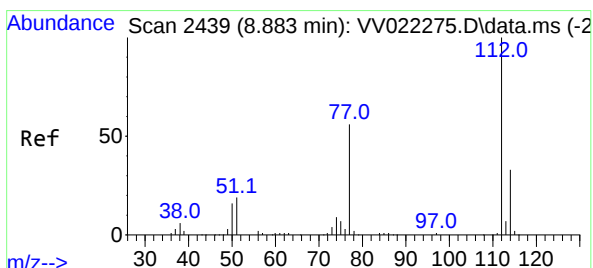
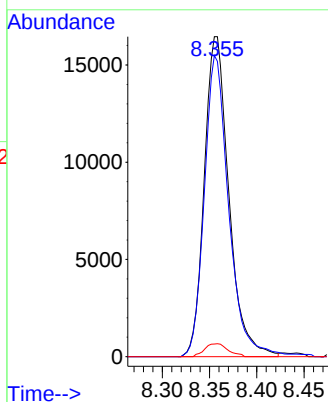
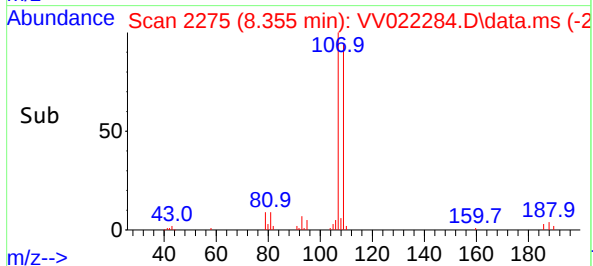


Tgt Ion:107 Resp: 29776
Ion Ratio Lower Upper
107 100
109 94.1 62.8 116.6
188 3.9 2.8 4.2

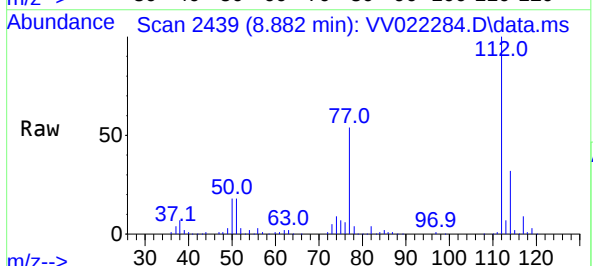
Manual Integrations
APPROVED

MMDadoda

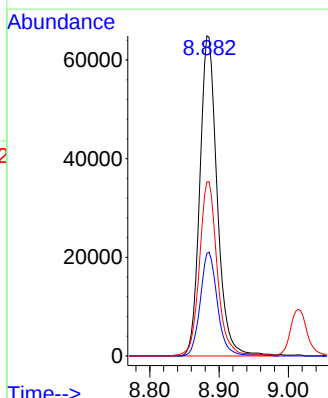
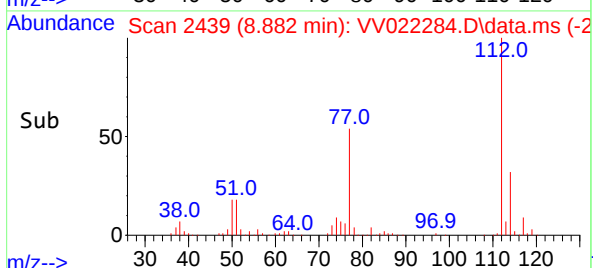
9/27/2021 10:55:10 AM

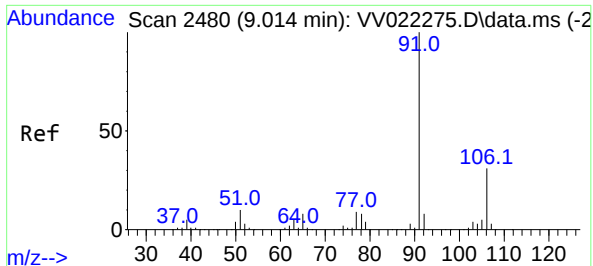


#51
Chlorobenzene
Concen: 5.184 ug/L
RT: 8.882 min Scan# 2439
Delta R.T. -0.000 min
Lab File: VV022284.D
Acq: 23 Sep 2021 15:19



Tgt Ion:112 Resp: 112726
Ion Ratio Lower Upper
112 100
114 32.1 23.4 43.4
77 54.4 45.2 67.8





#52
Ethylbenzene
Concen: 5.059 ug/L
RT: 9.014 min Scan# 2480
Delta R.T. -0.000 min
Lab File: VV022284.D
Acq: 23 Sep 2021 15:19

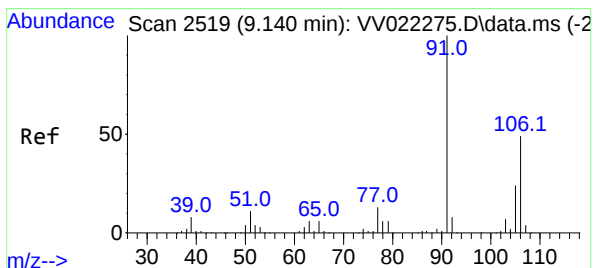
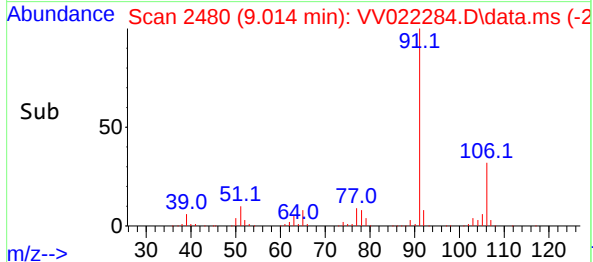
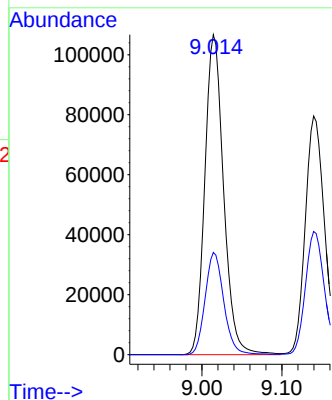
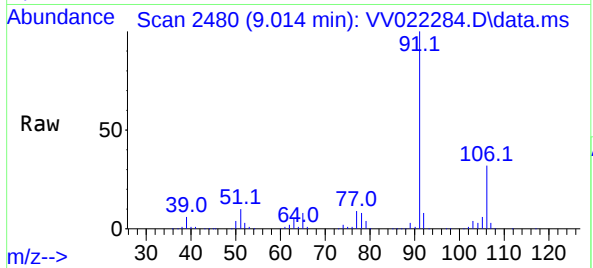
Instrument :
MSVOA_V
ClientSampleId :
GB6Y0

Tgt Ion: 91 Resp: 174223
Ion Ratio Lower Upper
91 100
106 31.9 22.0 40.8

Manual Integrations
APPROVED

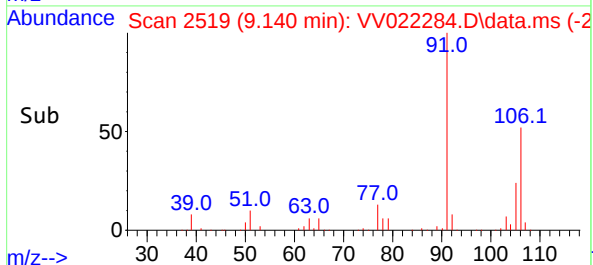
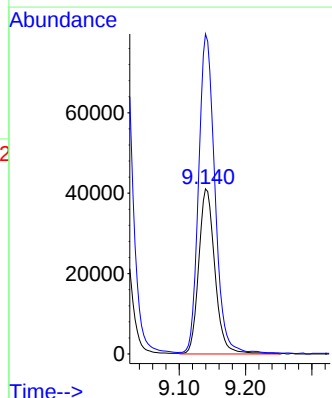
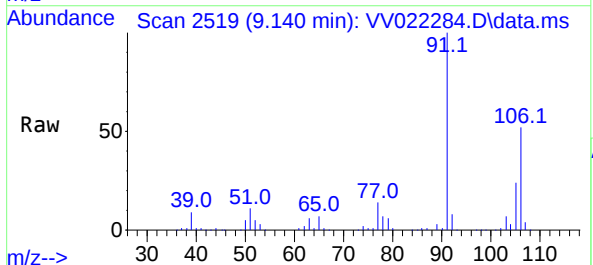
MMDadoda

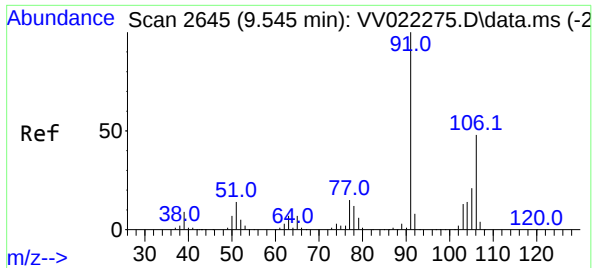
9/27/2021 10:55:10 AM



#53
m,p-xylene
Concen: 5.234 ug/L
RT: 9.140 min Scan# 2519
Delta R.T. -0.000 min
Lab File: VV022284.D
Acq: 23 Sep 2021 15:19

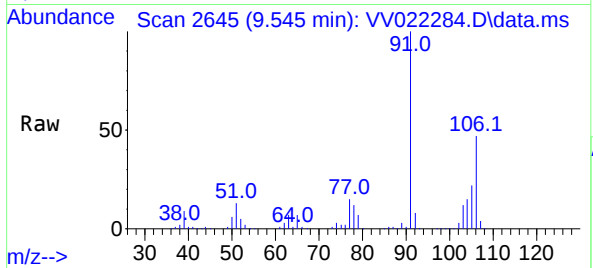
Tgt Ion: 106 Resp: 69615
Ion Ratio Lower Upper
106 100
91 193.9 142.7 264.9





#54
o-xylene
Concen: 5.154 ug/L
RT: 9.545 min Scan# 2645
Delta R.T. -0.000 min
Lab File: VV022284.D
Acq: 23 Sep 2021 15:19

Instrument :
MSVOA_V
ClientSampled :
GB6Y0

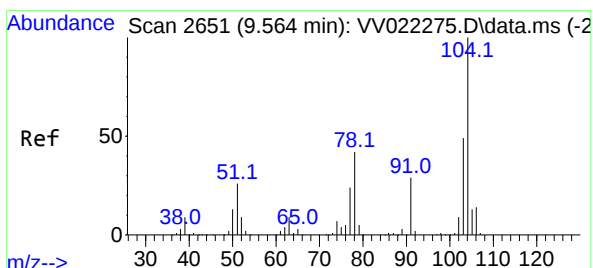
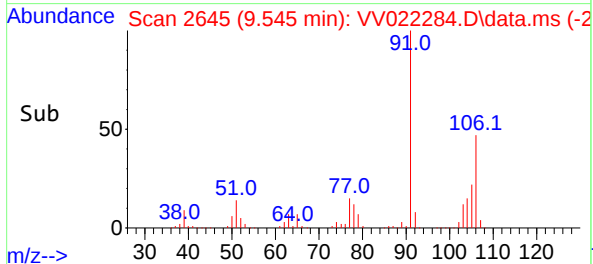
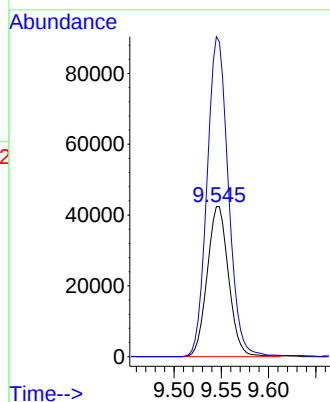


Tgt Ion:106 Resp: 66793
Ion Ratio Lower Upper
106 100
91 213.2 144.7 268.7

Manual Integrations
APPROVED

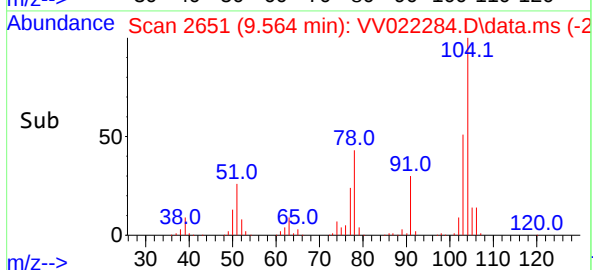
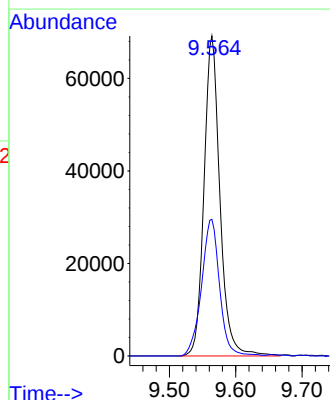
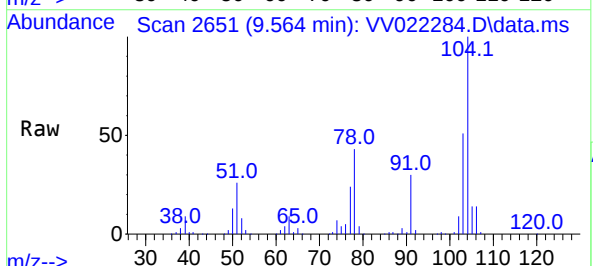
MMDadoda

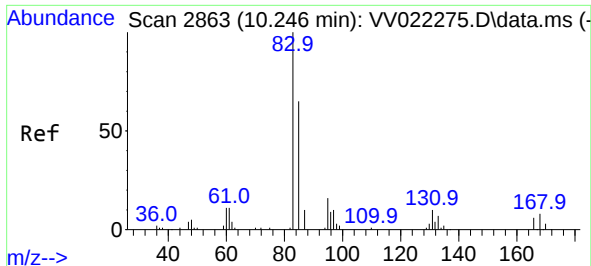
9/27/2021 10:55:10 AM



#55
Styrene
Concen: 5.365 ug/L
RT: 9.564 min Scan# 2651
Delta R.T. -0.000 min
Lab File: VV022284.D
Acq: 23 Sep 2021 15:19

Tgt Ion:104 Resp: 115371
Ion Ratio Lower Upper
104 100
78 42.7 29.1 54.1





#57
1,1,2,2-Tetrachloroethane
Concen: 5.505 ug/L
RT: 10.242 min Scan# 2862
Delta R.T. -0.003 min
Lab File: VV022284.D
Acq: 23 Sep 2021 15:19

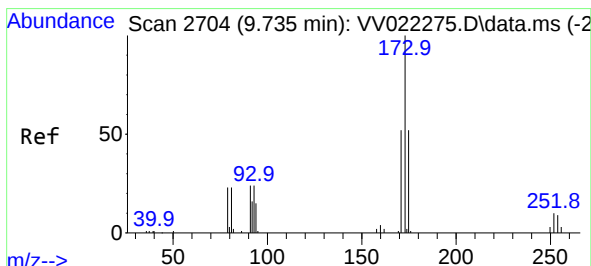
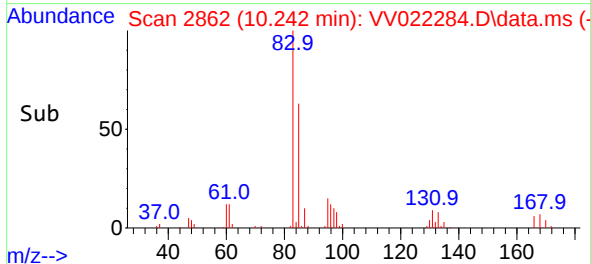
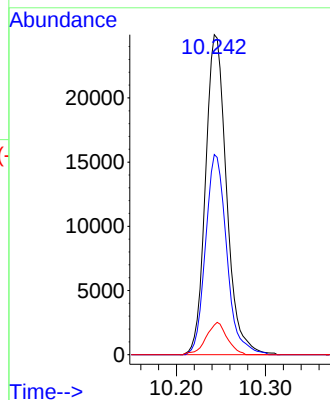
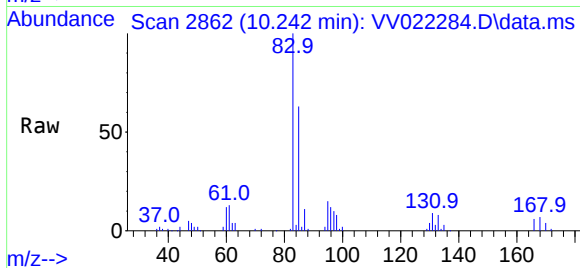
Tgt Ion:	83	Resp:	40778
Ion	Ratio	Lower	Upper
83	100		
85	62.6	45.3	84.1
131	9.3	8.9	13.3

Instrument :
MSVOA_V
ClientSampleId :
GB6Y0

Manual Integrations
APPROVED

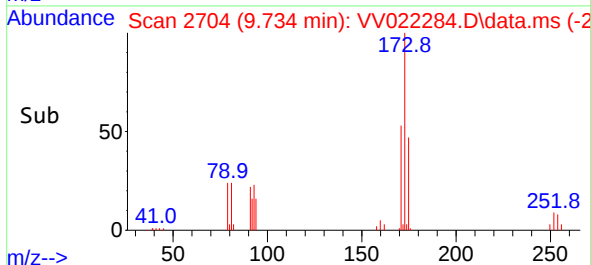
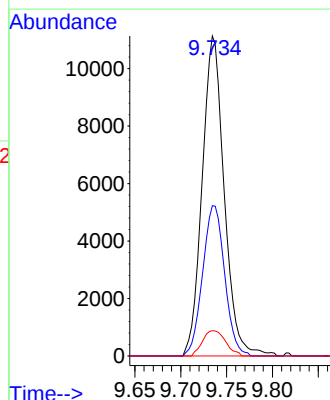
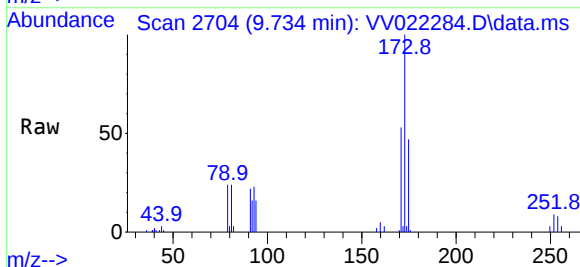
MMDadoda

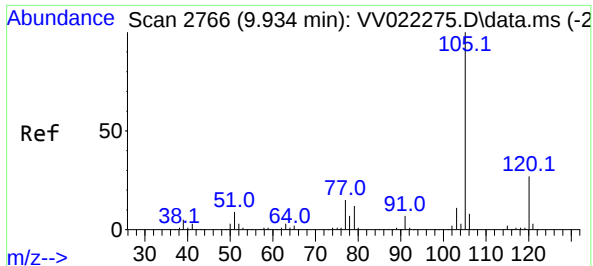
9/27/2021 10:55:10 AM



#59
Bromoform
Concen: 5.280 ug/L
RT: 9.734 min Scan# 2704
Delta R.T. -0.000 min
Lab File: VV022284.D
Acq: 23 Sep 2021 15:19

Tgt Ion:	173	Resp:	18624
Ion	Ratio	Lower	Upper
173	100		
175	46.9	40.9	61.3
254	8.3	7.4	11.2





#60
Isopropylbenzene
Concen: 5.073 ug/L
RT: 9.934 min Scan# 2766
Delta R.T. -0.000 min
Lab File: VV022284.D
Acq: 23 Sep 2021 15:19

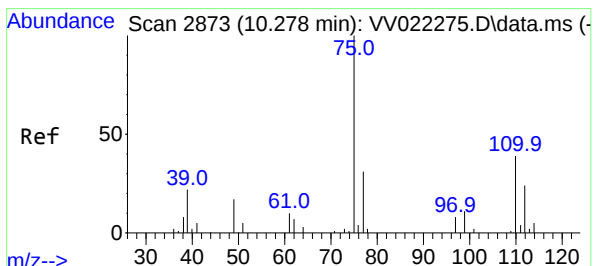
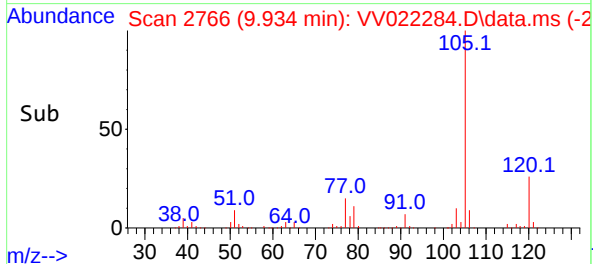
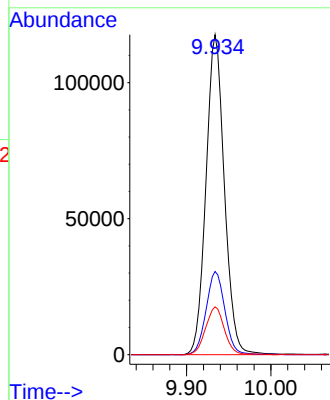
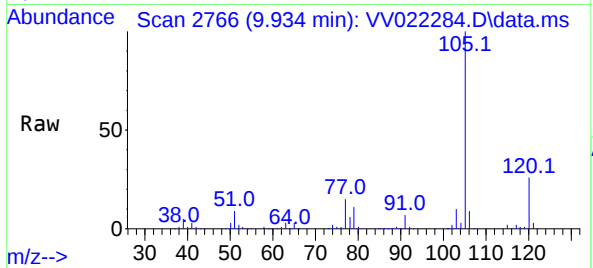
Tgt Ion: 105 Resp: 178715
Ion Ratio Lower Upper
105 100
120 26.5 21.3 31.9
77 15.2 12.3 18.5

Instrument :
MSVOA_V
ClientSampled :
GB6Y0

Manual Integrations
APPROVED

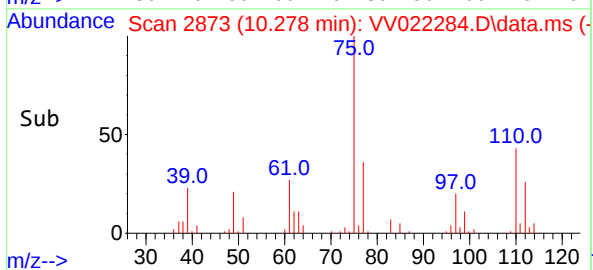
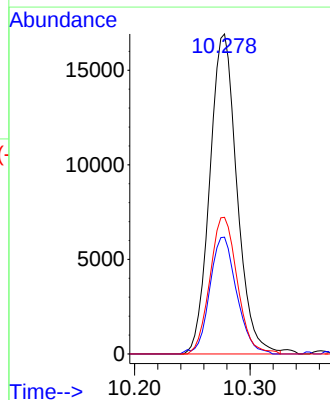
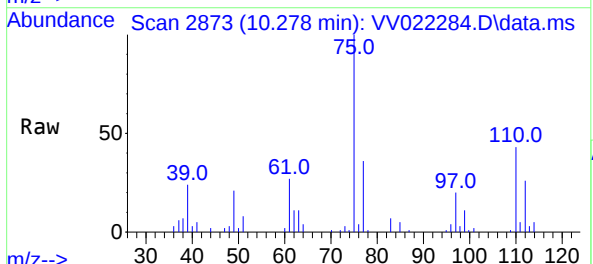
MMDadoda

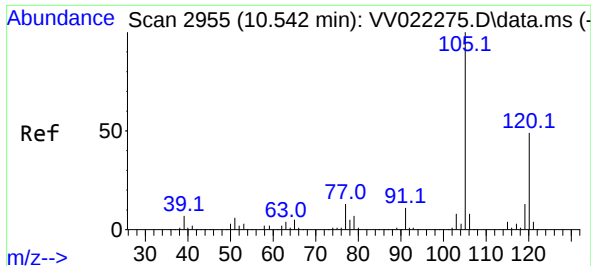
9/27/2021 10:55:10 AM



#61
1,2,3-Trichloropropane
Concen: 5.046 ug/L
RT: 10.278 min Scan# 2873
Delta R.T. -0.000 min
Lab File: VV022284.D
Acq: 23 Sep 2021 15:19

Tgt Ion: 75 Resp: 27669
Ion Ratio Lower Upper
75 100
77 36.3 25.5 38.3
110 43.1 31.7 47.5





#62
1,3,5-Trimethylbenzene
Concen: 4.887 ug/L
RT: 10.541 min Scan# 2955
Delta R.T. -0.000 min
Lab File: VV022284.D
Acq: 23 Sep 2021 15:19

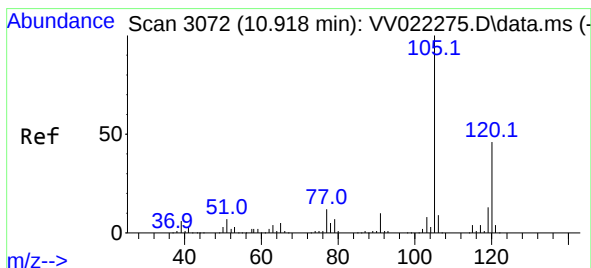
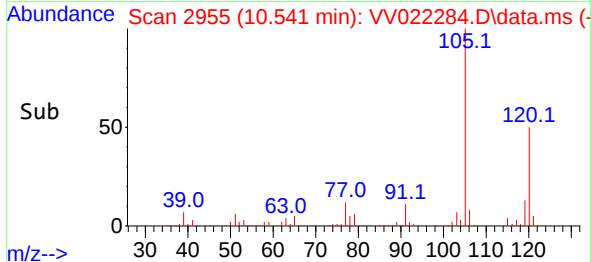
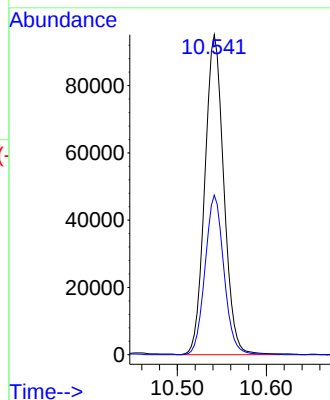
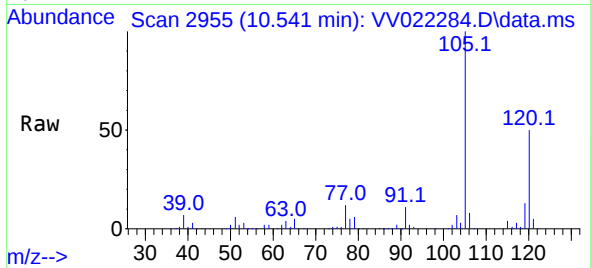
Tgt Ion:105 Resp: 140611
Ion Ratio Lower Upper
105 100
120 49.7 39.6 59.4

Instrument :
MSVOA_V
ClientSampled :
GB6Y0

Manual Integrations
APPROVED

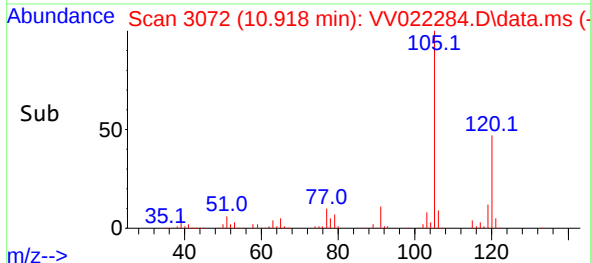
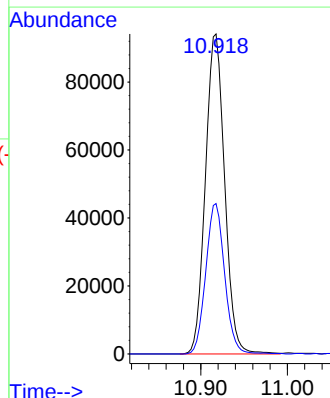
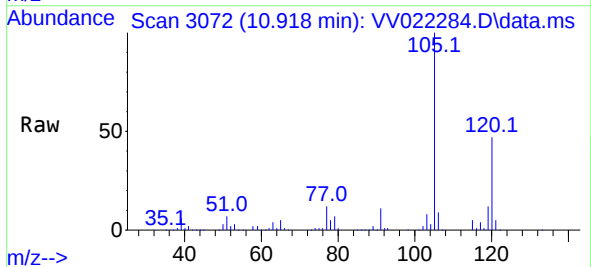
MMDadoda

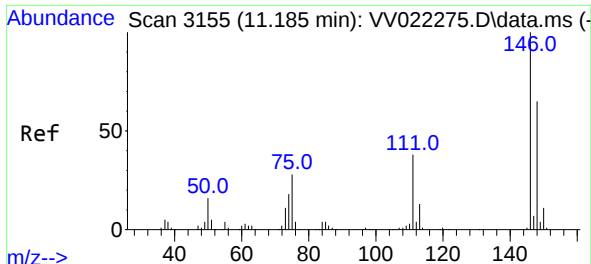
9/27/2021 10:55:10 AM



#63
1,2,4-Trimethylbenzene
Concen: 5.063 ug/L
RT: 10.918 min Scan# 3072
Delta R.T. -0.000 min
Lab File: VV022284.D
Acq: 23 Sep 2021 15:19

Tgt Ion:105 Resp: 145203
Ion Ratio Lower Upper
105 100
120 46.2 37.0 55.6





#64
1,3-Dichlorobenzene
Concen: 5.067 ug/L
RT: 11.185 min Scan# 3155
Delta R.T. -0.000 min
Lab File: VV022284.D
Acq: 23 Sep 2021 15:19

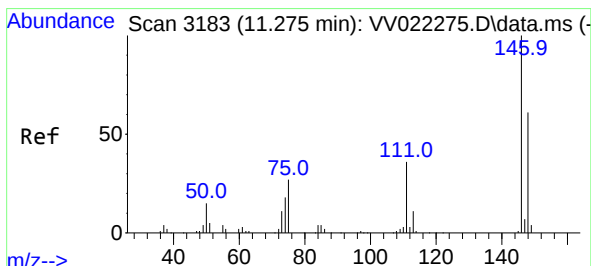
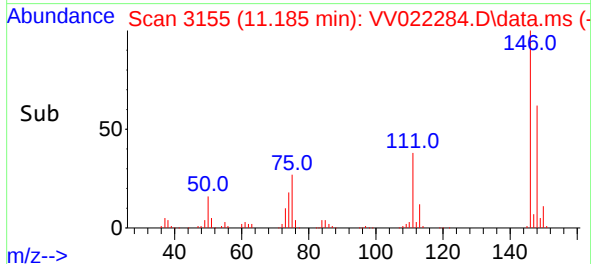
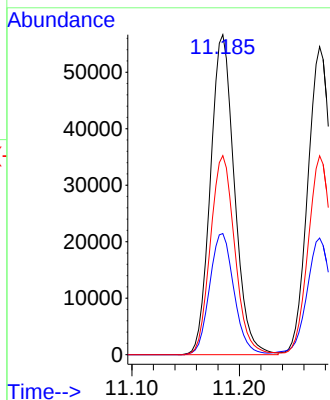
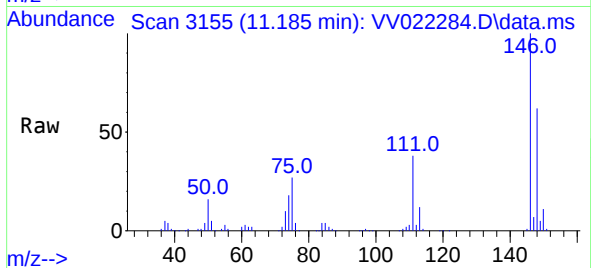
Tgt Ion:146 Resp: 87862
Ion Ratio Lower Upper
146 100
111 37.9 26.7 49.5
148 62.2 45.7 84.9

Instrument :
MSVOA_V
ClientSampled :
GB6Y0

Manual Integrations
APPROVED

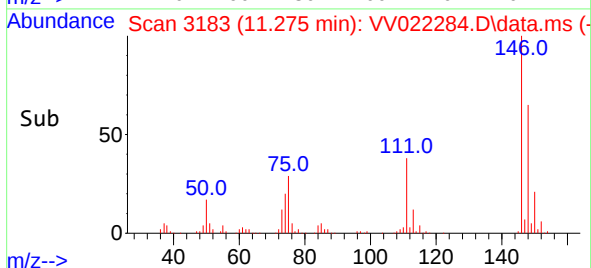
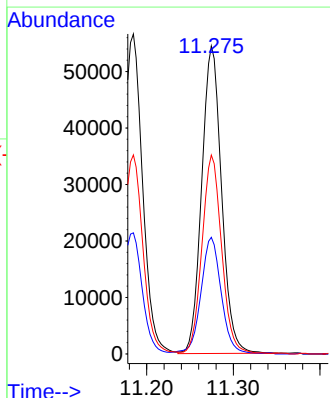
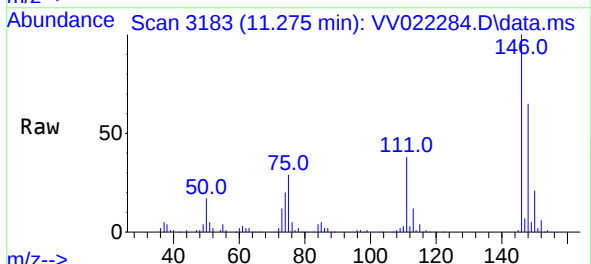
MMDadoda

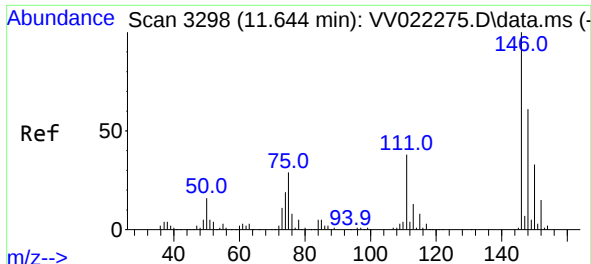
9/27/2021 10:55:10 AM



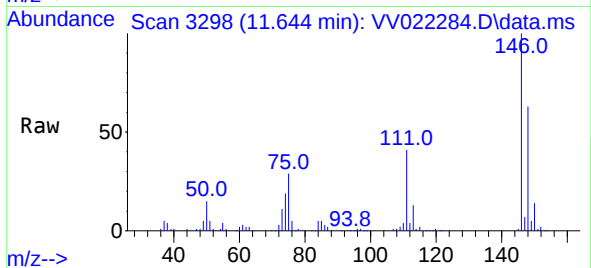
#65
1,4-Dichlorobenzene
Concen: 4.931 ug/L
RT: 11.275 min Scan# 3183
Delta R.T. -0.000 min
Lab File: VV022284.D
Acq: 23 Sep 2021 15:19

Tgt Ion:146 Resp: 86658
Ion Ratio Lower Upper
146 100
111 37.9 25.5 47.3
148 64.6 42.6 79.0

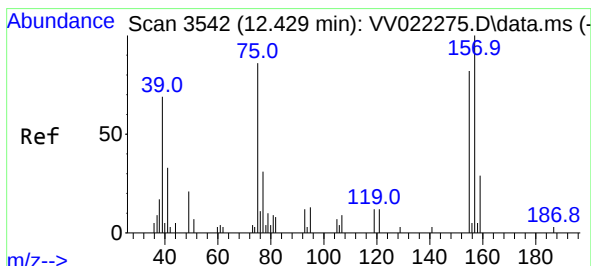
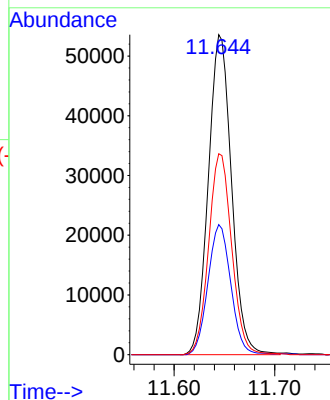
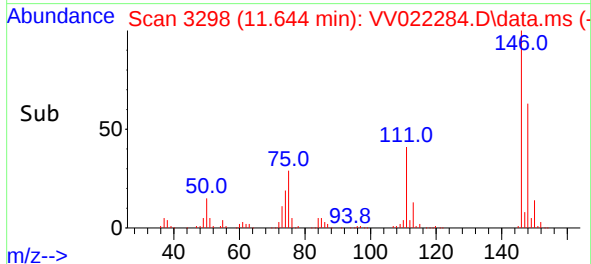




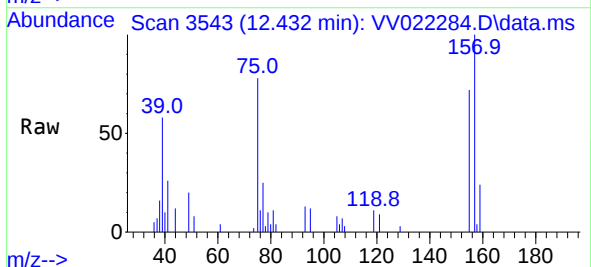
#67
1,2-Dichlorobenzene
Concen: 5.192 ug/L
RT: 11.644 min Scan# 3298
Delta R.T. -0.000 min
Lab File: VV022284.D
Acq: 23 Sep 2021 15:19



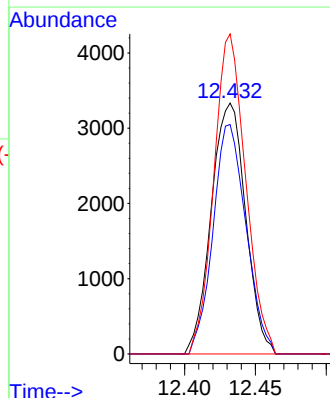
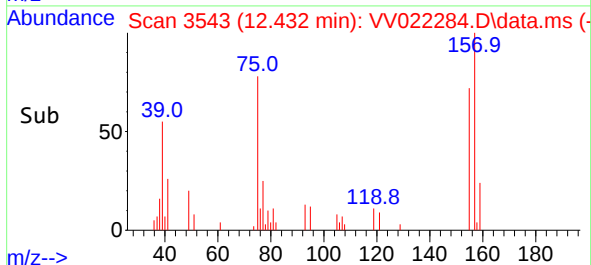
Tgt Ion: 146 Resp: 85822
Ion Ratio Lower Upper
146 100
111 40.7 30.8 46.2
148 62.8 49.1 73.7



#68
1,2-Dibromo-3-chloropropane
Concen: 5.162 ug/L
RT: 12.432 min Scan# 3543
Delta R.T. 0.003 min
Lab File: VV022284.D
Acq: 23 Sep 2021 15:19



Tgt Ion: 75 Resp: 5627
Ion Ratio Lower Upper
75 100
155 91.5 75.6 113.4
157 127.6 92.6 139.0

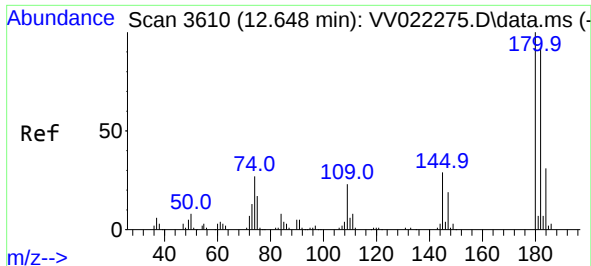


Instrument :
MSVOA_V
ClientSampled :
GB6Y0

Manual Integrations
APPROVED

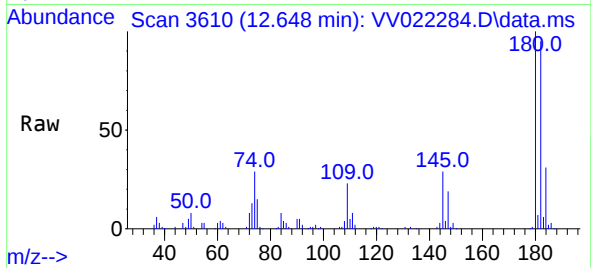
MMDadoda

9/27/2021 10:55:10 AM



#69
1,3,5-Trichlorobenzene
Concen: 4.861 ug/L
RT: 12.648 min Scan# 3610
Delta R.T. -0.000 min
Lab File: VV022284.D
Acq: 23 Sep 2021 15:19

Instrument :
MSVOA_V
ClientSampled :
GB6Y0

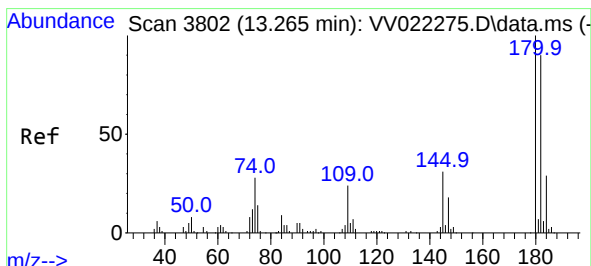
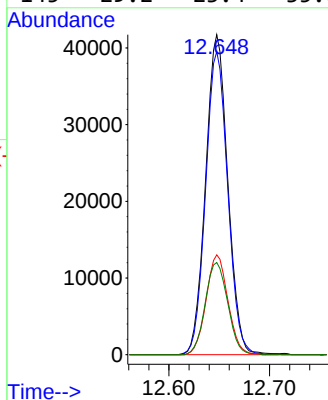
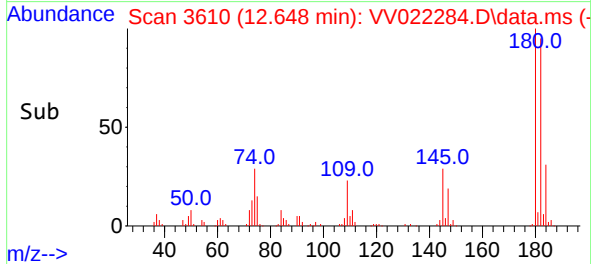


Tgt Ion:180 Resp: 63936
Ion Ratio Lower Upper
180 100
182 94.2 74.6 112.0
184 30.7 24.0 36.0
145 29.2 23.4 35.0

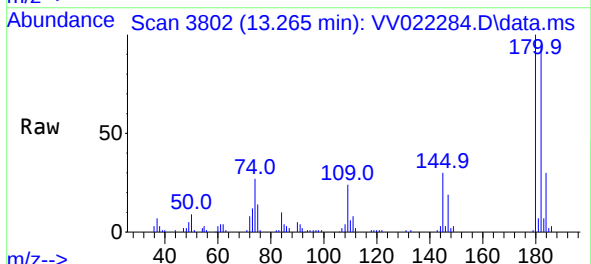
Manual Integrations
APPROVED

MMDadoda

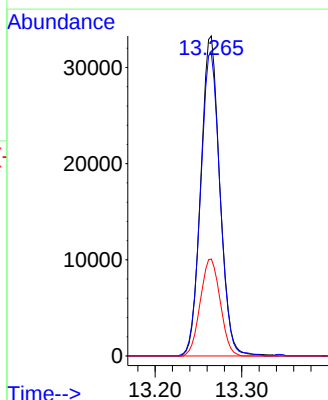
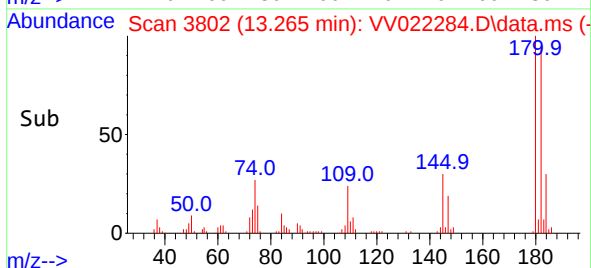
9/27/2021 10:55:10 AM

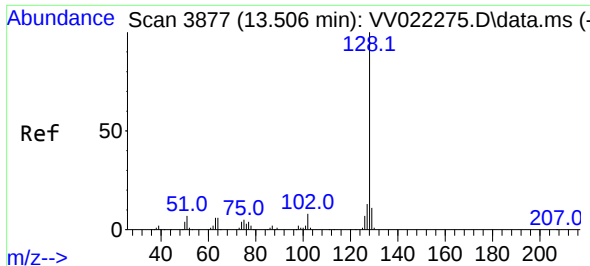


#70
1,2,4-trichlorobenzene
Concen: 4.843 ug/L
RT: 13.265 min Scan# 3802
Delta R.T. -0.000 min
Lab File: VV022284.D
Acq: 23 Sep 2021 15:19



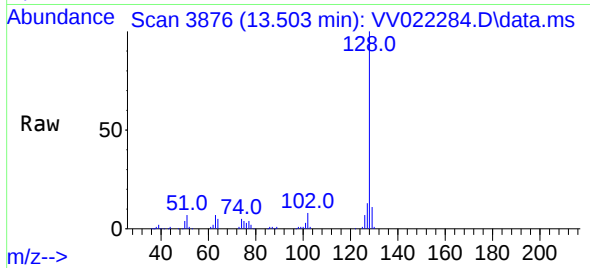
Tgt Ion:180 Resp: 50751
Ion Ratio Lower Upper
180 100
182 96.8 73.1 109.7
145 31.6 23.6 35.4





#71
Naphthalene
Concen: 4.963 ug/L
RT: 13.503 min Scan# 3876
Delta R.T. -0.003 min
Lab File: VV022284.D
Acq: 23 Sep 2021 15:19

Instrument :
MSVOA_V
ClientSampleId :
GB6Y0

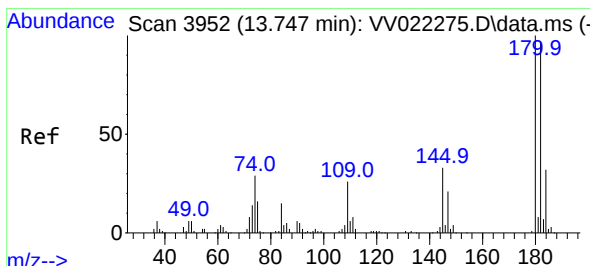
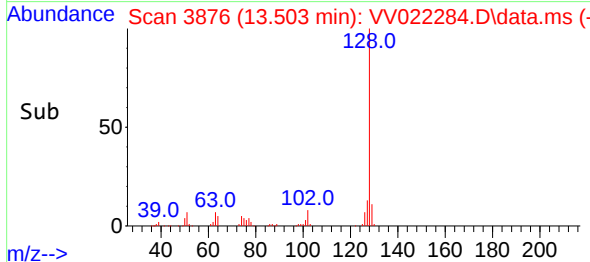
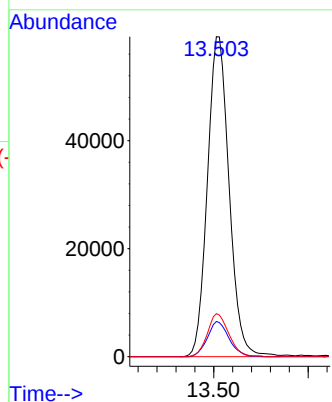


Tgt Ion:128 Resp: 94495
Ion Ratio Lower Upper
128 100
129 10.9 9.0 13.4
127 13.3 9.9 14.9

Manual Integrations
APPROVED

MMDadoda

9/27/2021 10:55:10 AM



#72
1,2,3-Trichlorobenzene
Concen: 5.129 ug/L
RT: 13.747 min Scan# 3952
Delta R.T. -0.000 min
Lab File: VV022284.D
Acq: 23 Sep 2021 15:19

Tgt Ion:180 Resp: 50222
Ion Ratio Lower Upper
180 100
182 96.3 76.9 115.3
145 31.8 26.0 39.0

