

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL090321\
 Data File : VL037515.D
 Acq On : 3 Sep 2021 10:23
 Operator : SY/AP
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

Manual Integrations
 APPROVED

MMDadoda
 9/10/2021 10:47:13 AM

Quant Time: Sep 04 04:20:57 2021

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL081621AIR.M

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Tue Aug 17 02:13:47 2021

QLast Update : Tue Aug 17 02:13:47 2021

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.658	49	1489954	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	7.166	114	4429417	10.000	ppbv	0.00
55) Chlorobenzene-d5	12.076	117	4328501	10.000	ppbv	# 0.01

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.404	95	2879213	9.363	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	93.600%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	3.047	85	2204064	9.219	ppbv	95
3) Chlorodifluoromethane	2.986	51	2922569	10.244	ppbv	100
4) Chloromethane	3.140	50	1133636	11.119	ppbv	94
5) Vinyl Chloride	3.253	62	1135071	10.867	ppbv	96
6) Bromomethane	3.472	94	605303	10.579	ppbv	100
7) Chloroethane	3.555	64	380606	10.676	ppbv	96
8) Dichlorotetrafluoroethane	3.185	85	2526461	10.237	ppbv	99
9) Propene	3.009	41	1058361	10.368	ppbv	98
10) Heptane	8.114	43	2646978	11.265	ppbv	99
11) Trichlorofluoromethane	3.947	101	2325659	10.364	ppbv	99
12) 1,1,2-Trichlorotrifluo...	4.478	101	1735907	10.542	ppbv	99
13) Ethanol	3.600	45	112968	11.372	ppbv	83
14) Bromoethene	3.735	108	790387	10.573	ppbv	98
15) Acetone	3.841	43	1403483	9.256	ppbv	100
16) 1,3-Butadiene	3.324	39	1064174	10.941	ppbv	99
17) tert-Butyl alcohol	4.279	59	1586615	11.454	ppbv	99
18) 1,1-Dichloroethene	4.282	96	800259	10.698	ppbv	98
19) Isopropyl Alcohol	3.960	45	971074	11.178	ppbv #	98
20) Methylene Chloride	4.340	84	676464	8.910	ppbv	97
21) Allyl Chloride	4.407	41	1283285	10.420	ppbv	95
22) trans-1,2-Dichloroethene	4.880	96	808721	10.837	ppbv	99
23) Vinyl Acetate	5.066	43	2468975m	11.047	ppbv	
24) 1,1-Dichloroethane	5.002	63	1562762	9.640	ppbv	99
25) Ethyl Acetate	5.668	43	4055195	10.534	ppbv	99
26) Hexane	5.680	57	1963260	10.431	ppbv	99
27) Carbon Disulfide	4.545	76	1979374	11.801	ppbv	99
28) Methyl tert-Butyl Ether	5.028	73	1742517	9.640	ppbv	100
29) Chloroform	5.745	83	2783730	10.436	ppbv	100
30) Cyclohexane	7.121	84	1664417	10.614	ppbv	99
31) cis-1,2-Dichloroethene	5.542	61	1876931	11.019	ppbv	99
32) 1,1,1-Trichloroethane	6.504	97	2726237	10.403	ppbv	99
34) 2-Butanone	5.237	43	1871665	10.348	ppbv	95
35) Carbon Tetrachloride	7.012	117	2809417	10.732	ppbv	99
36) Benzene	6.886	78	4098671	11.007	ppbv	99
37) 1,2-Dichloroethane	6.298	62	1972008	10.692	ppbv	99
38) Trichloroethene	7.825	130	1605985	10.512	ppbv	94
39) 1,2-Dichloropropane	7.603	63	1528432	10.682	ppbv	98
40) 1,4-Dioxane	7.825	88	381447	10.882	ppbv #	100
41) Tetrahydrofuran	6.044	42	1009544	11.586	ppbv	98
42) Bromodichloromethane	7.783	83	3006416	11.147	ppbv	97
43) Methyl Methacrylate	8.005	69	1483971	11.435	ppbv	99
44) 2,2,4-Trimethylpentane	7.864	57	6737793	10.752	ppbv	99
45) t-1,3-Dichloropropene	9.265	75	1396826	14.297	ppbv	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL090321\
 Data File : VL037515.D
 Acq On : 3 Sep 2021 10:23
 Operator : SY/AP
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

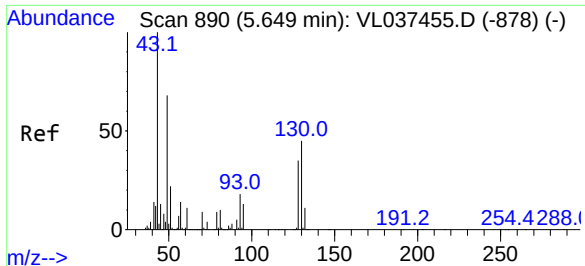
Manual Integrations
 APPROVED

MMDadoda
 9/10/2021 10:47:13 AM

Quant Time: Sep 04 04:20:57 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL081621AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Tue Aug 17 02:13:47 2021
 QLast Update : Tue Aug 17 02:13:47 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.693	75	1765276	12.953	ppbv	99
47) 1,1,2-Trichloroethane	9.465	97	1681208	10.874	ppbv	98
48) Dibromochloromethane	10.294	129	2669575	11.999	ppbv	99
49) Bromoform	13.034	173	2208992m	12.596	ppbv	
50) 4-Methyl-2-Pentanone	8.732	43	2760398	11.698	ppbv	100
51) 2-Hexanone	10.127	43	1354368	12.478	ppbv #	99
52) Tetrachloroethene	11.217	164	1509885	9.895	ppbv	96
53) Toluene	9.796	91	4806436	11.305	ppbv	99
54) 1,2-Dibromoethane	10.600	107	2399709	11.119	ppbv	96
56) 1,1,1,2-Tetrachloroethane	12.117	131	1806560	10.016	ppbv	95
57) Chlorobenzene	12.137	112	3456091	9.621	ppbv	99
58) Ethyl Benzene	12.699	91	6016758	10.017	ppbv	100
59) m/p-Xylene	12.986	91	10323108m	19.824	ppbv	
60) o-Xylene	13.680	91	4712503	9.696	ppbv	99
61) Styrene	13.516	104	2787857	11.042	ppbv	98
62) Isopropylbenzene	14.654	105	6739813	9.826	ppbv	100
63) 1,1,2,2-Tetrachloroethane	13.664	83	3492570	9.669	ppbv	98
64) n-propylbenzene	15.548	120	1797106	10.295	ppbv	98
65) tert-Butylbenzene	16.735	119	6051908	9.687	ppbv	98
66) Benzyl Chloride	16.979	91	423667	14.992	ppbv	100
67) sec-Butylbenzene	17.284	105	8369518	9.588	ppbv	99
69) p-Isopropyltoluene	17.638	119	7088482	9.965	ppbv	100
70) n-Butylbenzene	18.535	91	6957958	10.236	ppbv	99
71) 2-Chlorotoluene	15.442	91	4983395	9.907	ppbv	100
72) 4-Ethyltoluene	15.828	105	5700779	9.861	ppbv	98
73) 1,3,5-Trimethylbenzene	15.982	105	5213987	9.689	ppbv	99
74) 1,2,4-Trimethylbenzene	16.751	105	5504712	9.626	ppbv	92
75) 1,3-Dichlorobenzene	16.982	146	3454249	10.036	ppbv	98
76) 1,4-Dichlorobenzene	17.124	146	3371618	9.724	ppbv	98
77) 1,2-Dichlorobenzene	17.802	146	3355028	9.899	ppbv	100
78) Hexachloro-1,3-Butadiene	23.358	225	2548072	9.042	ppbv	100
79) Naphthalene	22.178	128	4434672	11.589	ppbv	97
80) Naphthalene,2-methyl-	24.956	142	1382543	12.968	ppbv	92
81) 1,2,4-Trichlorobenzene	21.908	180	2661364	11.083	ppbv	97

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



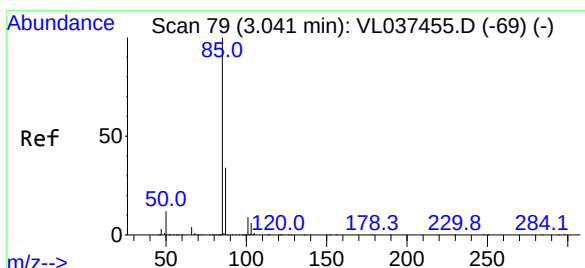
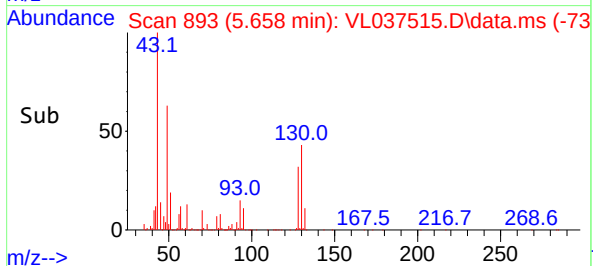
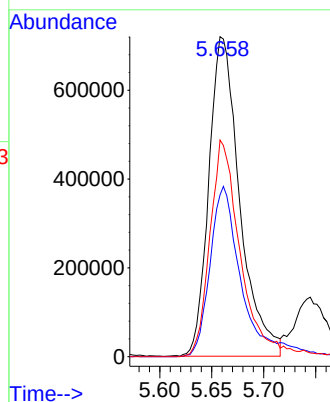
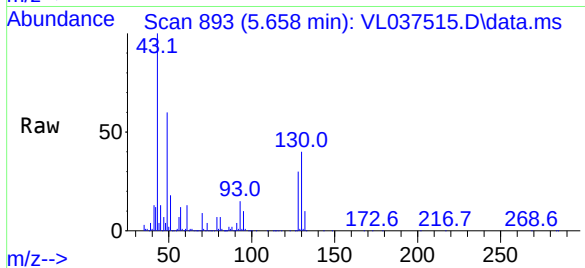
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.658 min Scan# 893
Delta R.T. 0.009 min
Lab File: VL037515.D
Acq: 3 Sep 2021 10:23

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 49 Resp: 1489954
Ion Ratio Lower Upper
49 100
128 55.6 27.5 82.4
130 68.4 34.0 101.8

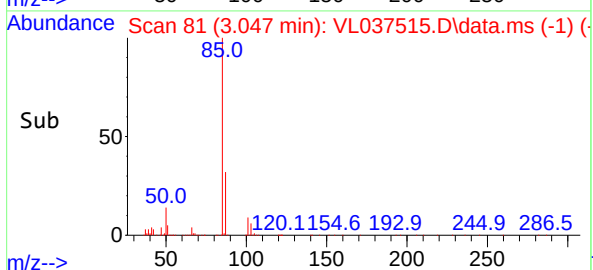
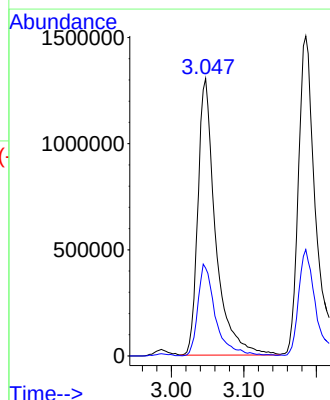
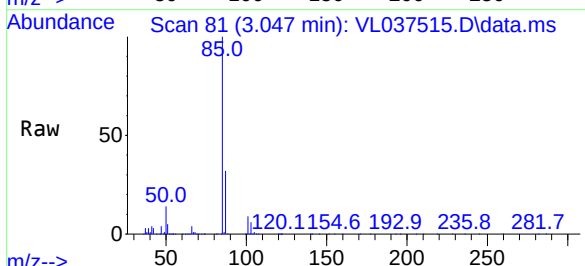
Manual Integrations
APPROVED

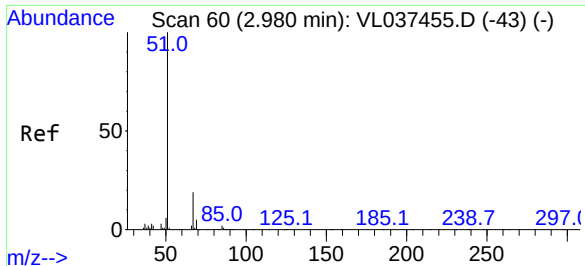
MMDadoda
9/10/2021 10:47:13 AM



#2
Dichlorodifluoromethane
Concen: 9.219 ppbv
RT: 3.047 min Scan# 81
Delta R.T. 0.006 min
Lab File: VL037515.D
Acq: 3 Sep 2021 10:23

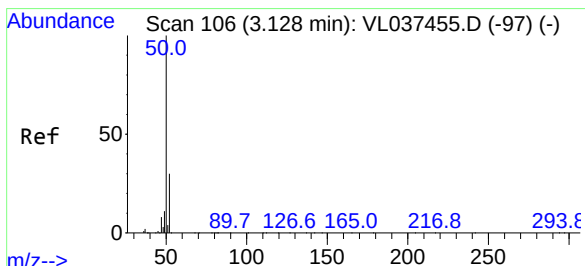
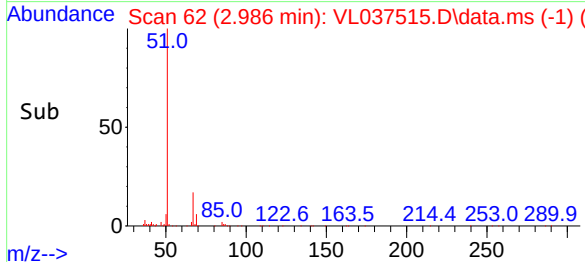
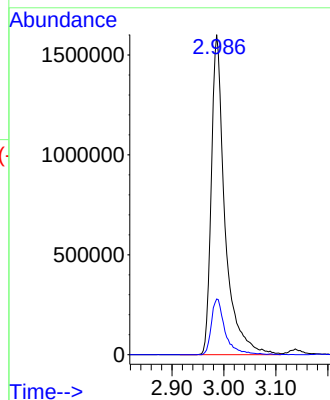
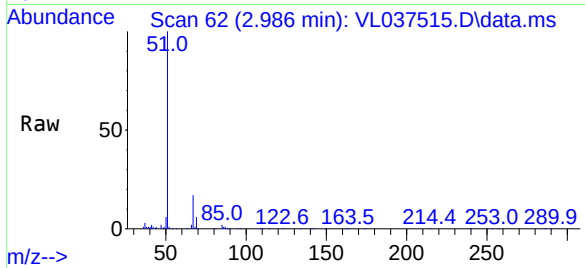
Tgt Ion: 85 Resp: 2204064
Ion Ratio Lower Upper
85 100
87 31.6 27.6 41.4





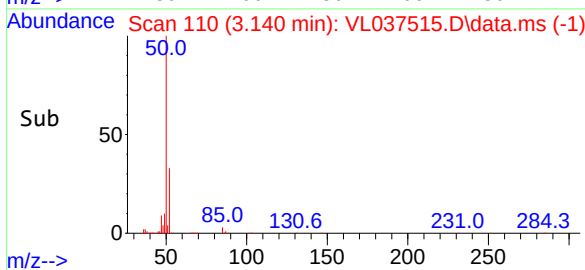
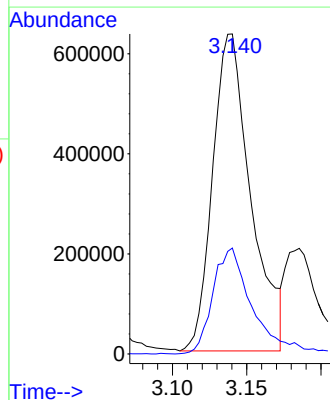
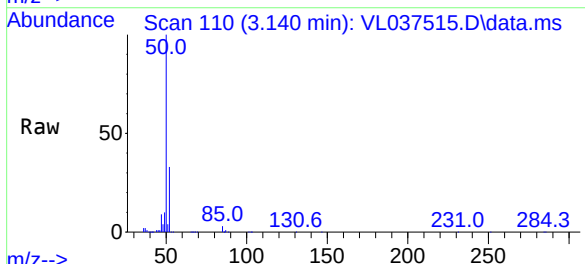
#3
Chlorodifluoromethane
Concen: 10.244 ppbv
RT: 2.986 min Scan# 62
Delta R.T. 0.006 min
Lab File: VL037515.D
Acq: 3 Sep 2021 10:23

Tgt Ion: 51 Resp: 2922569
Ion Ratio Lower Upper
51 100
67 17.7 14.2 21.2



#4
Chloromethane
Concen: 11.119 ppbv
RT: 3.140 min Scan# 110
Delta R.T. 0.013 min
Lab File: VL037515.D
Acq: 3 Sep 2021 10:23

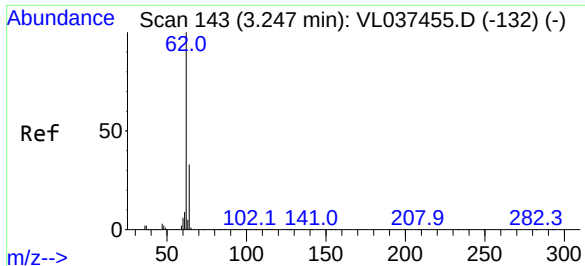
Tgt Ion: 50 Resp: 1133636
Ion Ratio Lower Upper
50 100
52 33.3 24.0 36.0



Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Manual Integrations
APPROVED

MMDadoda
9/10/2021 10:47:13 AM



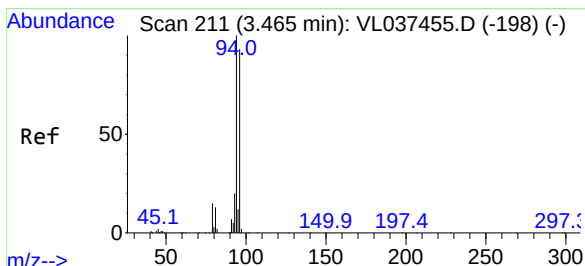
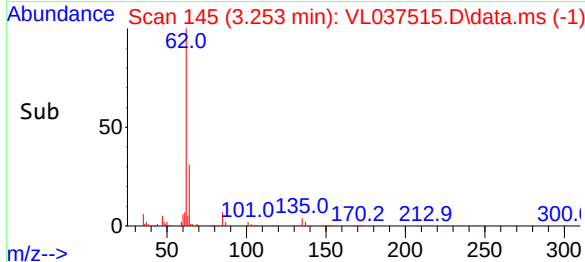
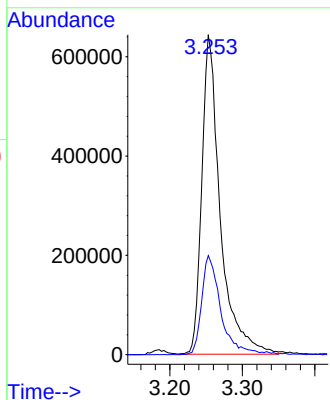
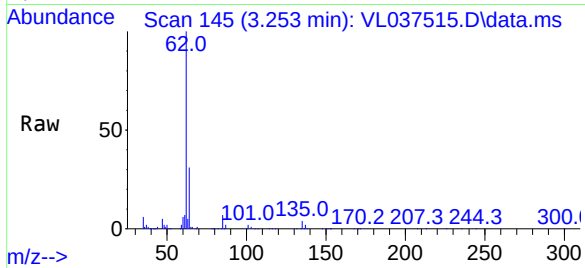
#5
 Vinyl Chloride
 Concen: 10.867 ppbv
 RT: 3.253 min Scan# 145
 Delta R.T. 0.006 min
 Lab File: VL037515.D
 Acq: 3 Sep 2021 10:23

Tgt Ion: 62 Resp: 1135071
 Ion Ratio Lower Upper
 62 100
 64 31.0 26.5 39.7

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

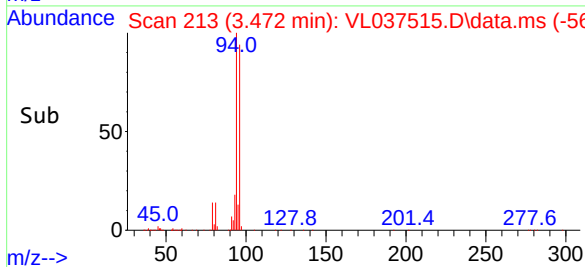
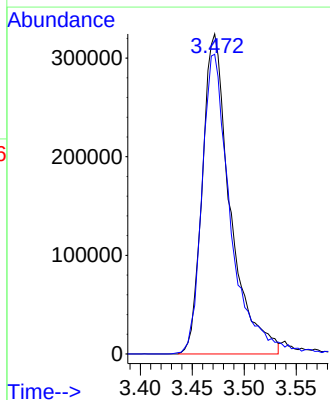
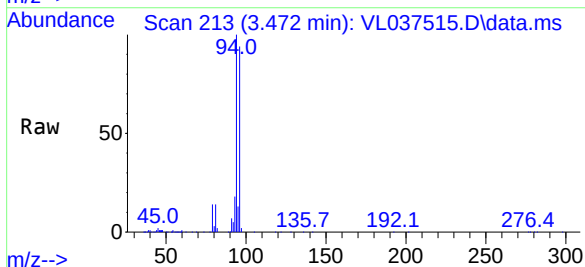
Manual Integrations
 APPROVED

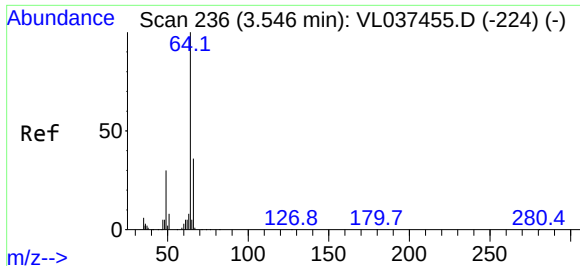
MMDadoda
 9/10/2021 10:47:13 AM



#6
 Bromomethane
 Concen: 10.579 ppbv
 RT: 3.472 min Scan# 213
 Delta R.T. 0.006 min
 Lab File: VL037515.D
 Acq: 3 Sep 2021 10:23

Tgt Ion: 94 Resp: 605303
 Ion Ratio Lower Upper
 94 100
 96 93.3 74.5 111.7





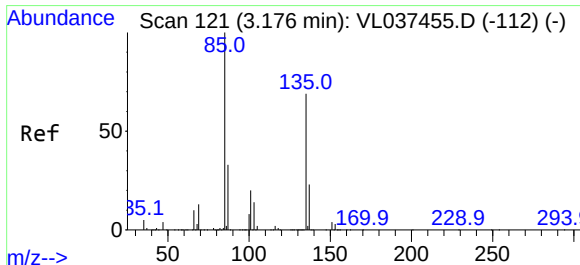
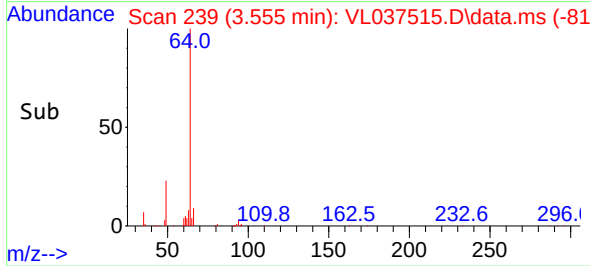
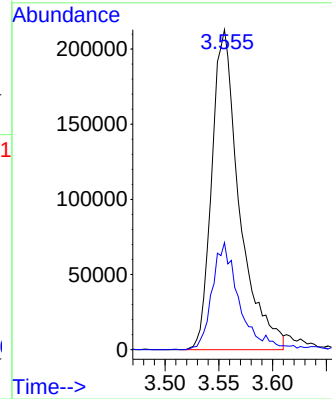
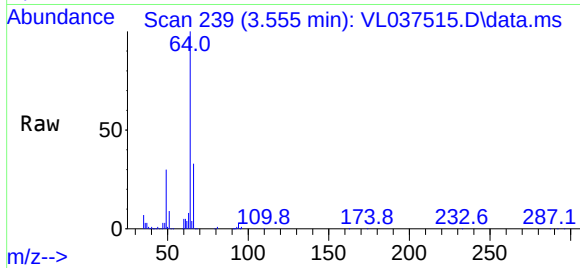
#7
Chloroethane
Concen: 10.676 ppbv
RT: 3.555 min Scan# 239
Delta R.T. 0.009 min
Lab File: VL037515.D
Acq: 3 Sep 2021 10:23

Tgt Ion: 64 Resp: 380606
Ion Ratio Lower Upper
64 100
66 33.5 28.6 43.0

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

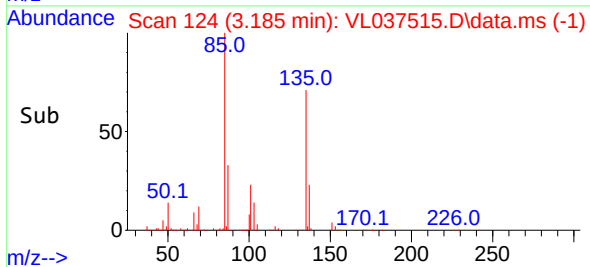
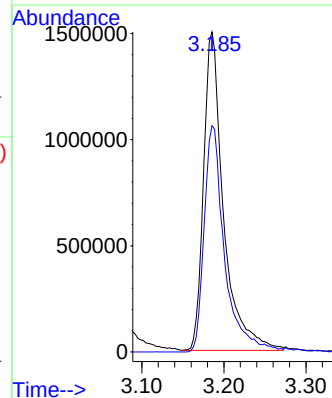
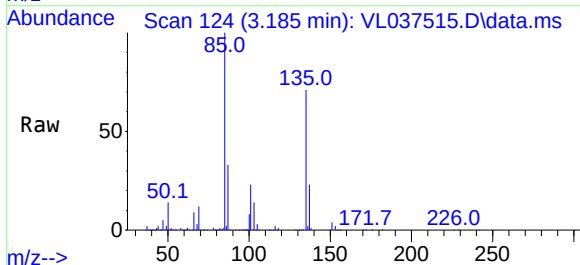
Manual Integrations
APPROVED

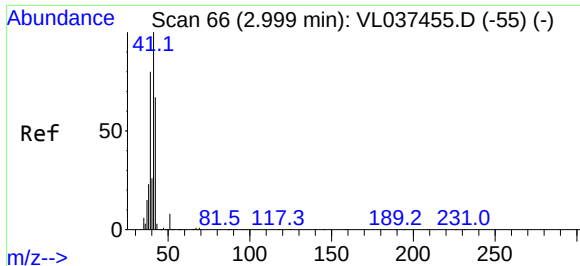
MMDadoda
9/10/2021 10:47:13 AM



#8
Dichlorotetrafluoroethane
Concen: 10.237 ppbv
RT: 3.185 min Scan# 124
Delta R.T. 0.009 min
Lab File: VL037515.D
Acq: 3 Sep 2021 10:23

Tgt Ion: 85 Resp: 2526461
Ion Ratio Lower Upper
85 100
135 74.0 58.8 88.2





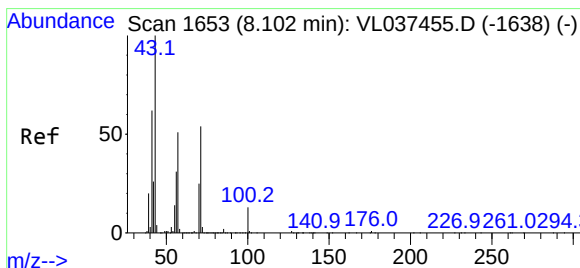
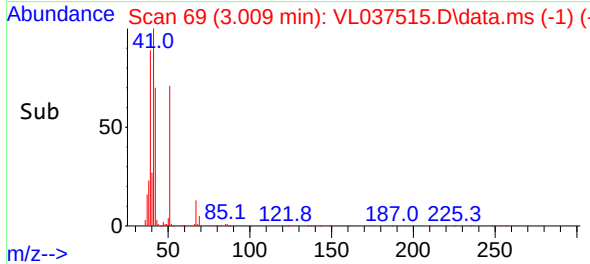
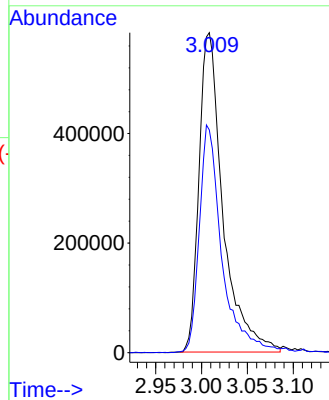
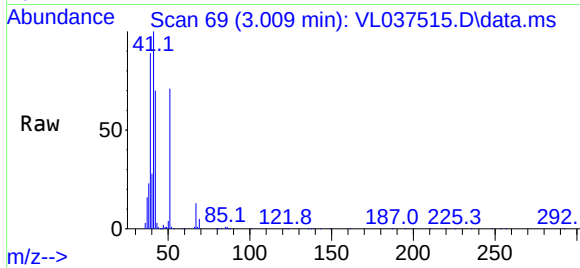
#9
Propene
Concen: 10.368 ppbv
RT: 3.009 min Scan# 69
Delta R.T. 0.009 min
Lab File: VL037515.D
Acq: 3 Sep 2021 10:23

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 41 Resp: 1058361
Ion Ratio Lower Upper
41 100
42 68.5 53.7 80.5

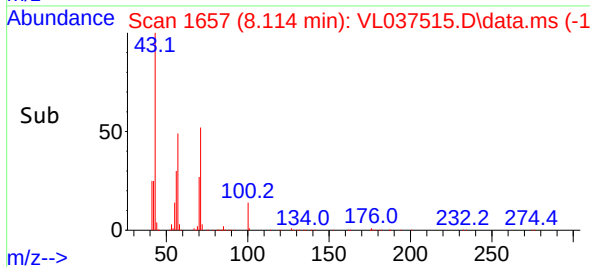
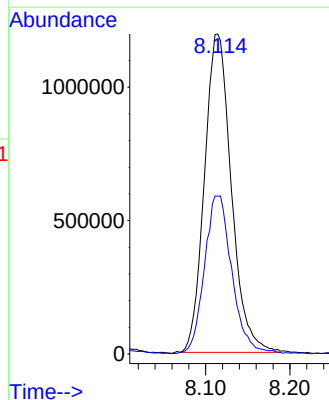
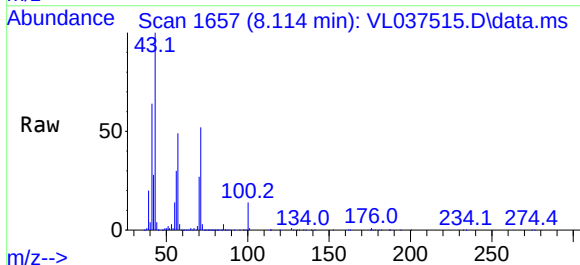
Manual Integrations
APPROVED

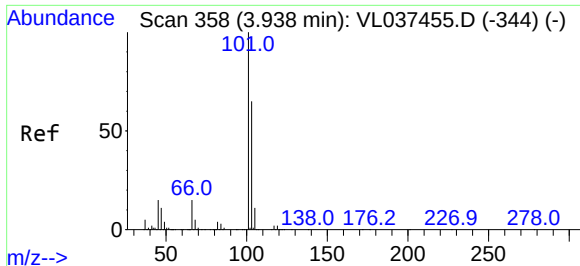
MMDadoda
9/10/2021 10:47:13 AM



#10
Heptane
Concen: 11.265 ppbv
RT: 8.114 min Scan# 1657
Delta R.T. 0.013 min
Lab File: VL037515.D
Acq: 3 Sep 2021 10:23

Tgt Ion: 43 Resp: 2646978
Ion Ratio Lower Upper
43 100
57 50.8 41.0 61.6





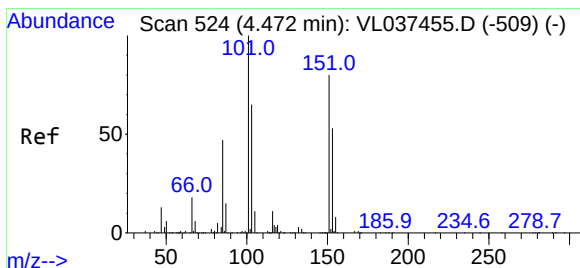
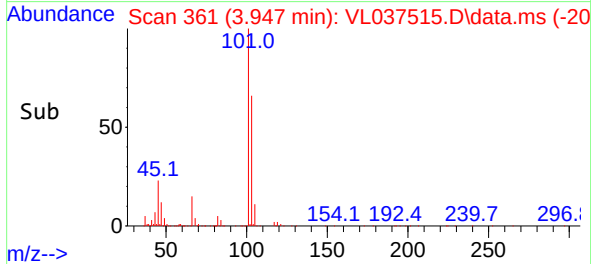
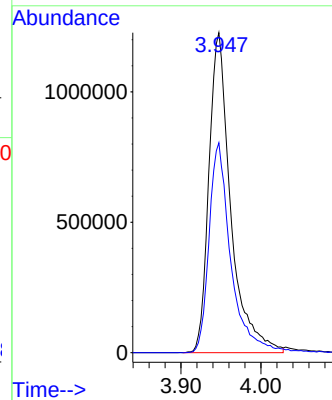
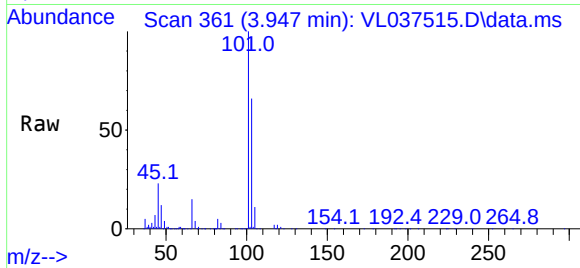
#11
Trichlorofluoromethane
Concen: 10.364 ppbv
RT: 3.947 min Scan# 361
Delta R.T. 0.009 min
Lab File: VL037515.D
Acq: 3 Sep 2021 10:23

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion:101 Resp: 2325659
Ion Ratio Lower Upper
101 100
103 65.6 51.8 77.6

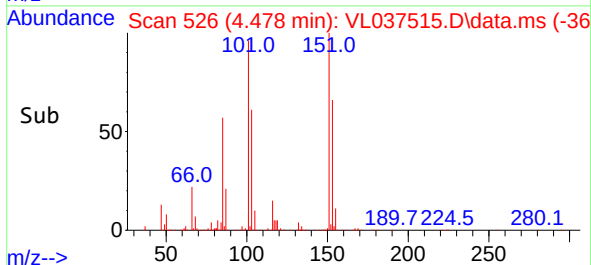
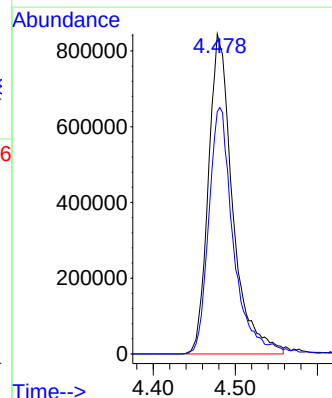
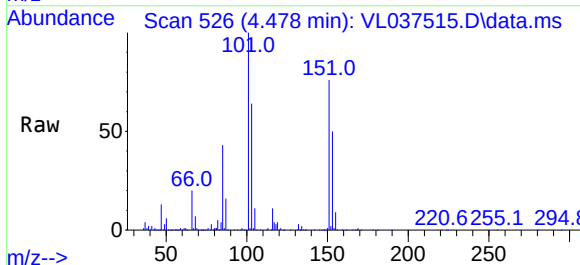
Manual Integrations
APPROVED

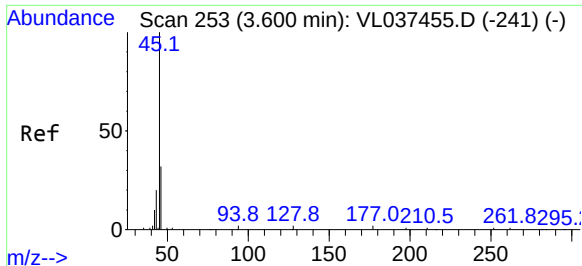
MMDadoda
9/10/2021 10:47:13 AM



#12
1,1,2-Trichlorotrifluoroethane
Concen: 10.542 ppbv
RT: 4.478 min Scan# 526
Delta R.T. 0.006 min
Lab File: VL037515.D
Acq: 3 Sep 2021 10:23

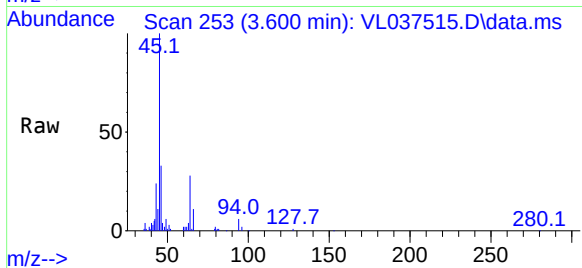
Tgt Ion:101 Resp: 1735907
Ion Ratio Lower Upper
101 100
151 79.1 63.7 95.5





#13
Ethanol
Concen: 11.372 ppbv
RT: 3.600 min Scan# 253
Delta R.T. -0.000 min
Lab File: VL037515.D
Acq: 3 Sep 2021 10:23

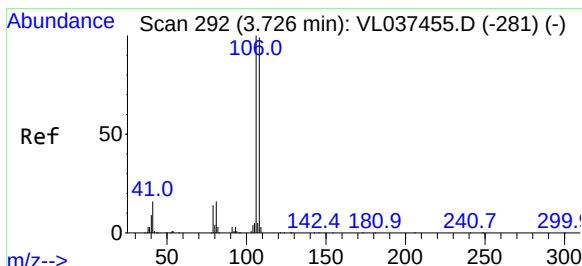
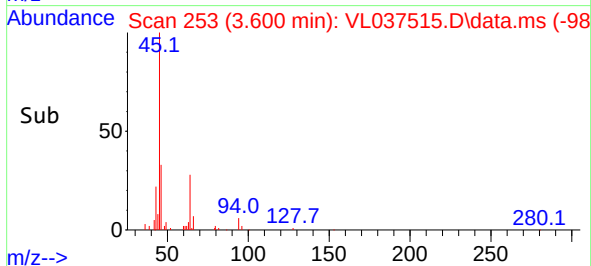
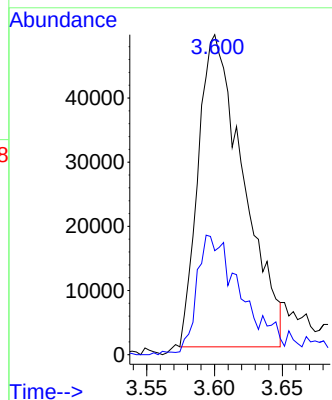
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



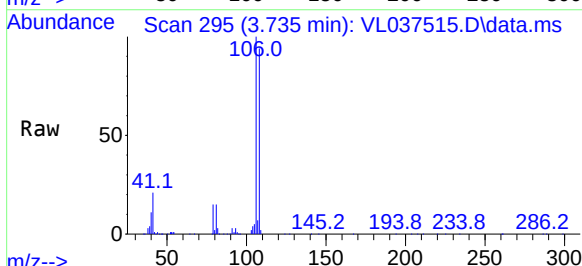
Tgt Ion: 45 Resp: 112968
Ion Ratio Lower Upper
45 100
46 45.4 14.1 56.5

Manual Integrations
APPROVED

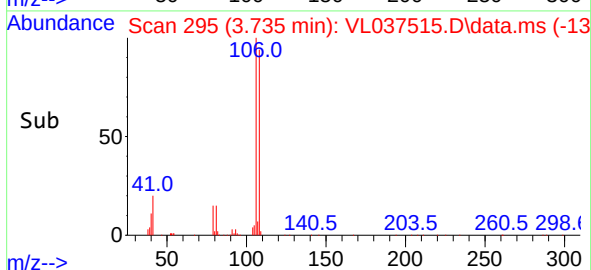
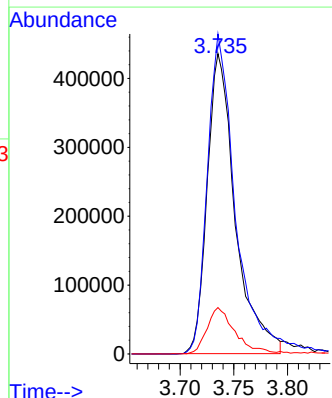
MMDadoda
9/10/2021 10:47:13 AM

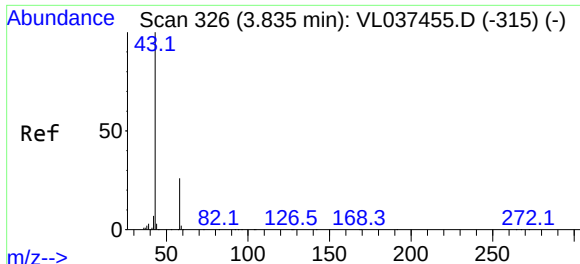


#14
Bromoethene
Concen: 10.573 ppbv
RT: 3.735 min Scan# 295
Delta R.T. 0.009 min
Lab File: VL037515.D
Acq: 3 Sep 2021 10:23



Tgt Ion: 108 Resp: 790387
Ion Ratio Lower Upper
108 100
106 109.6 85.8 128.8
79 16.3 12.6 18.8





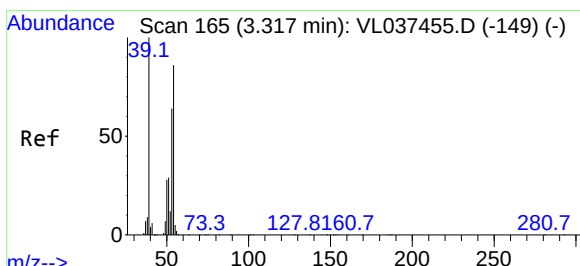
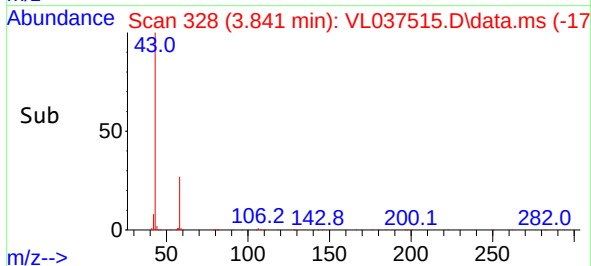
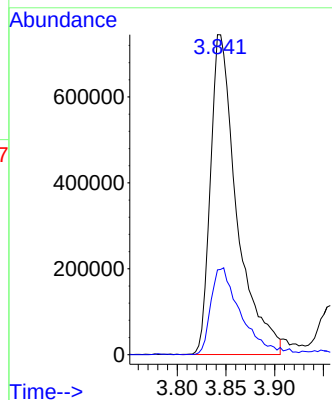
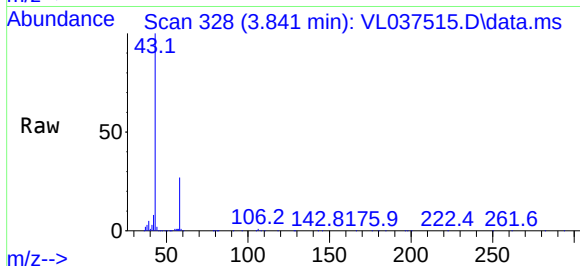
#15
Acetone
Concen: 9.256 ppbv
RT: 3.841 min Scan# 328
Delta R.T. 0.006 min
Lab File: VL037515.D
Acq: 3 Sep 2021 10:23

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 43 Resp: 1403483
Ion Ratio Lower Upper
43 100
58 30.8 24.8 37.2

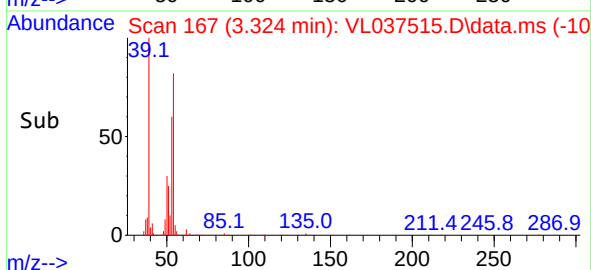
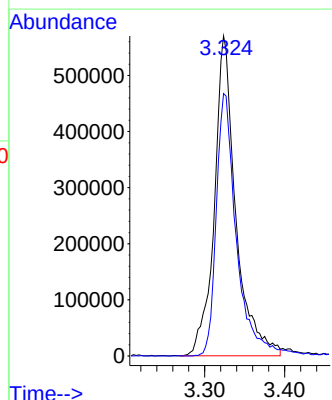
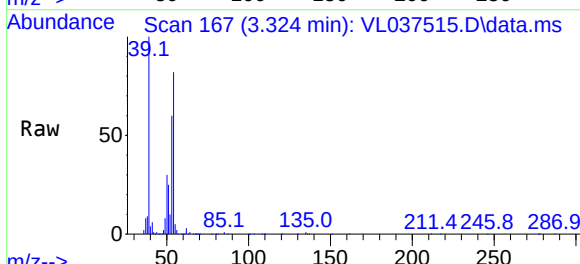
Manual Integrations
APPROVED

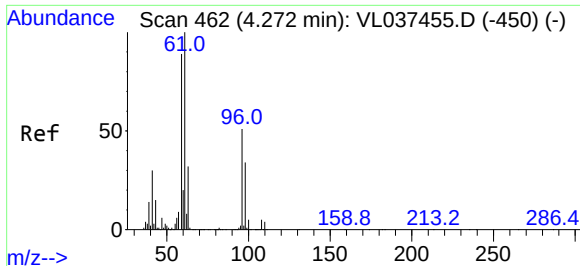
MMDadoda
9/10/2021 10:47:13 AM



#16
1,3-Butadiene
Concen: 10.941 ppbv
RT: 3.324 min Scan# 167
Delta R.T. 0.006 min
Lab File: VL037515.D
Acq: 3 Sep 2021 10:23

Tgt Ion: 39 Resp: 1064174
Ion Ratio Lower Upper
39 100
54 78.3 63.7 95.5





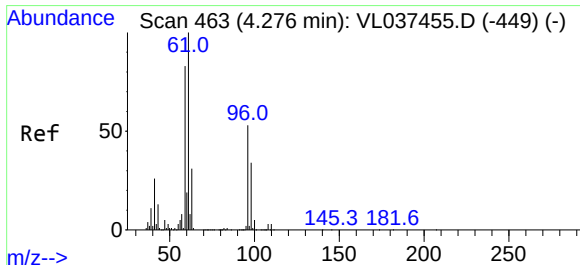
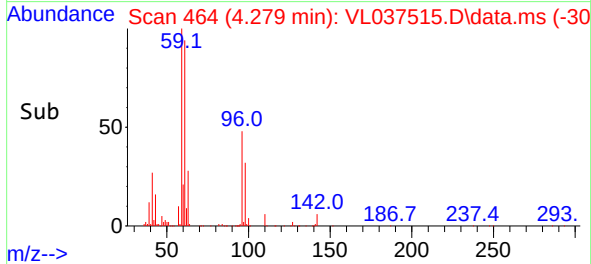
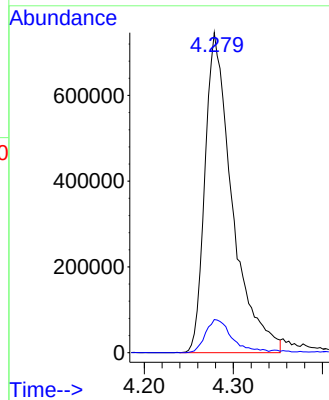
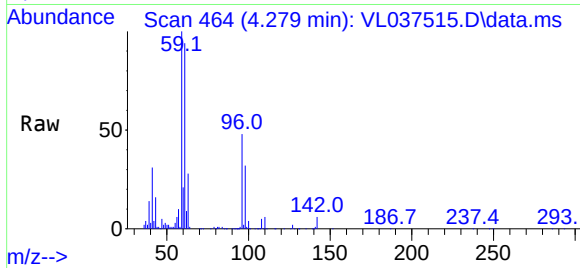
#17
tert-Butyl alcohol
Concen: 11.454 ppbv
RT: 4.279 min Scan# 464
Delta R.T. 0.006 min
Lab File: VL037515.D
Acq: 3 Sep 2021 10:23

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 59 Resp: 1586615
Ion Ratio Lower Upper
59 100
57 10.8 8.3 12.5

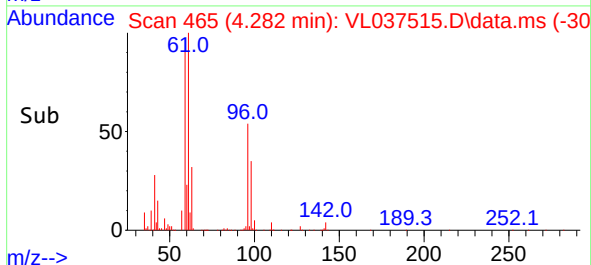
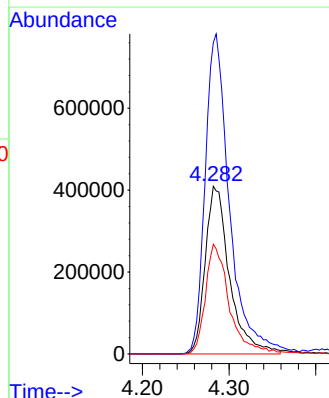
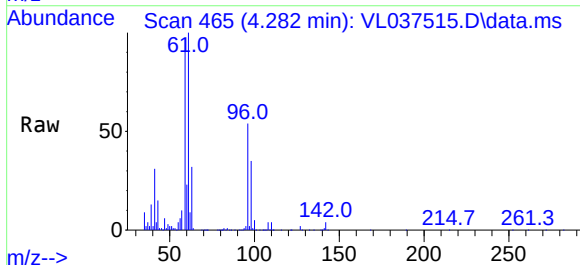
Manual Integrations
APPROVED

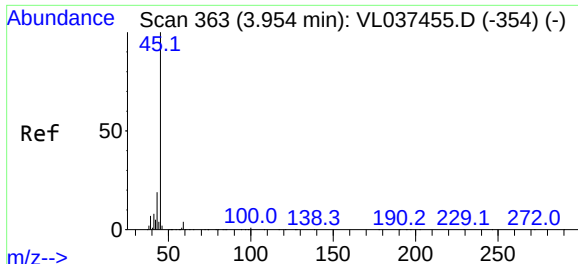
MMDadoda
9/10/2021 10:47:13 AM



#18
1,1-Dichloroethene
Concen: 10.698 ppbv
RT: 4.282 min Scan# 465
Delta R.T. 0.006 min
Lab File: VL037515.D
Acq: 3 Sep 2021 10:23

Tgt Ion: 96 Resp: 800259
Ion Ratio Lower Upper
96 100
61 185.8 151.1 226.7
98 65.5 51.8 77.8





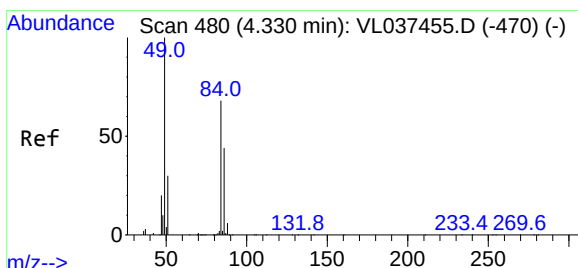
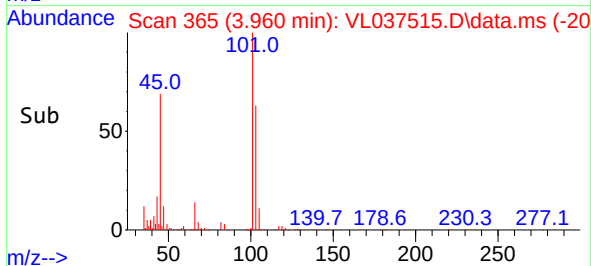
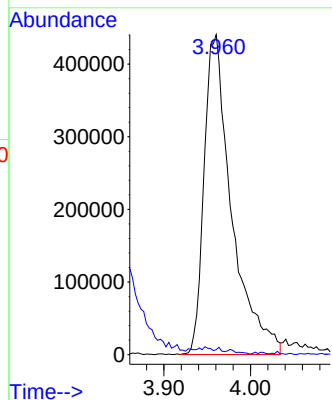
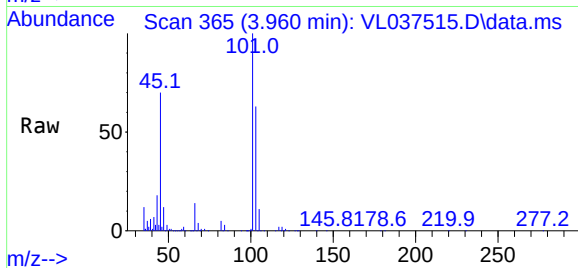
#19
Isopropyl Alcohol
Concen: 11.178 ppbv
RT: 3.960 min Scan# 365
Delta R.T. 0.006 min
Lab File: VL037515.D
Acq: 3 Sep 2021 10:23

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 45 Resp: 971074
Ion Ratio Lower Upper
45 100
58 2.4 1.4 2.2#

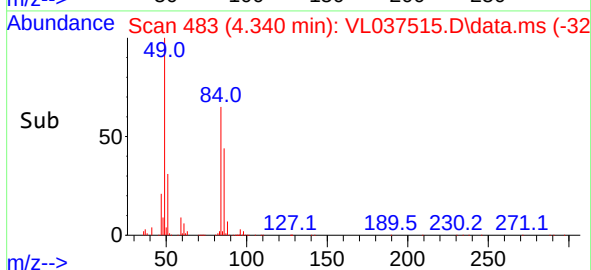
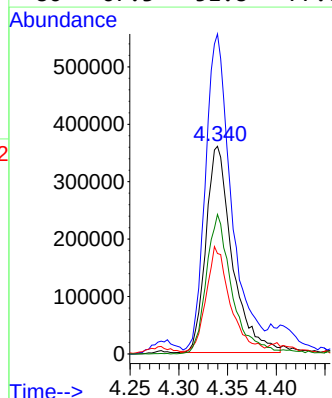
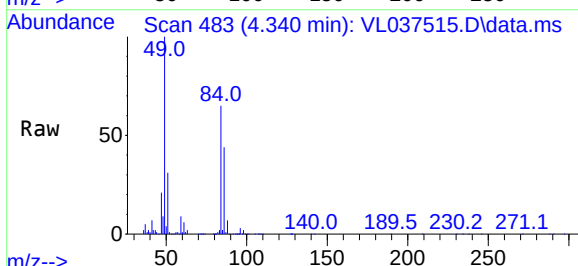
Manual Integrations
APPROVED

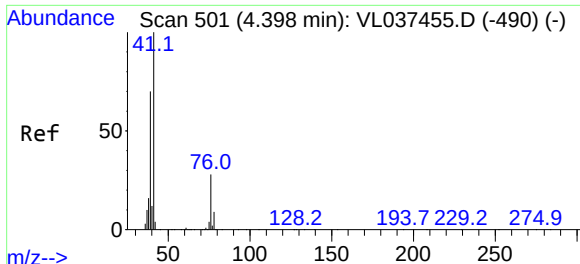
MMDadoda
9/10/2021 10:47:13 AM



#20
Methylene Chloride
Concen: 8.910 ppbv
RT: 4.340 min Scan# 483
Delta R.T. 0.009 min
Lab File: VL037515.D
Acq: 3 Sep 2021 10:23

Tgt Ion: 84 Resp: 676464
Ion Ratio Lower Upper
84 100
49 151.7 118.2 177.2
51 47.4 36.6 55.0
86 67.3 51.8 77.6





#21
 Allyl Chloride
 Concen: 10.420 ppbv
 RT: 4.407 min Scan# 504
 Delta R.T. 0.009 min
 Lab File: VL037515.D
 Acq: 3 Sep 2021 10:23

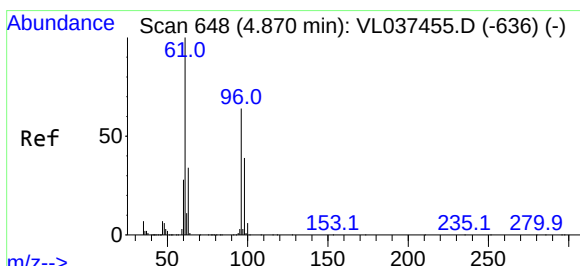
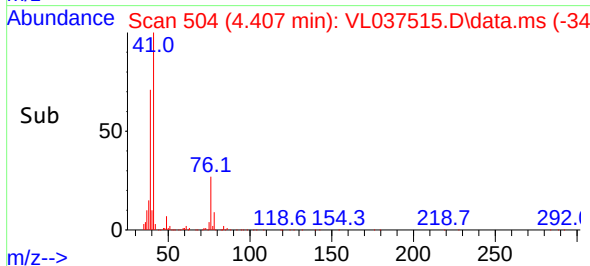
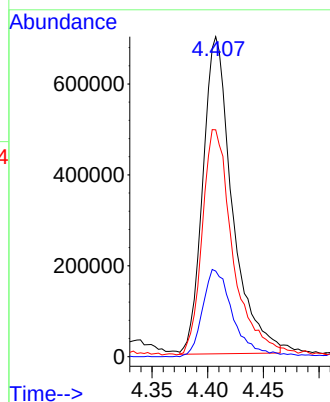
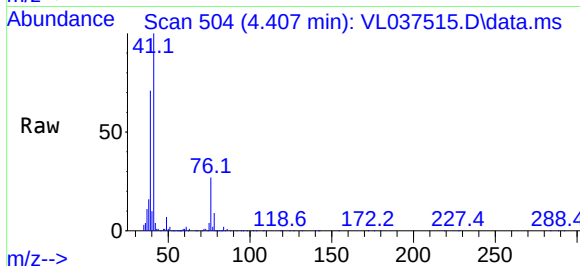
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

Tgt Ion: 41 Resp: 1283285

Ion	Ratio	Lower	Upper
41	100		
76	28.9	21.8	32.6
39	75.6	56.8	85.2

Manual Integrations
 APPROVED

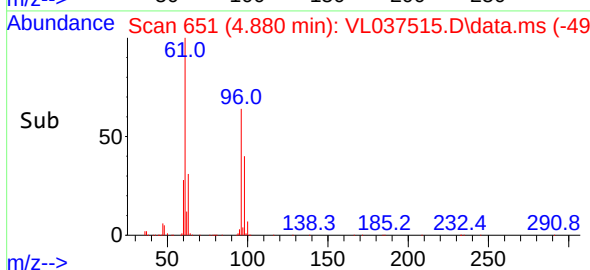
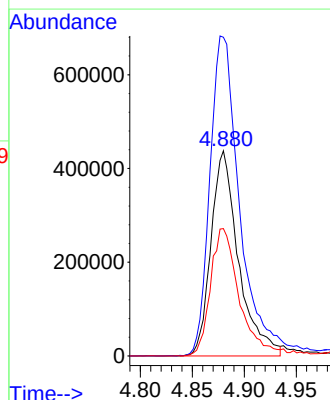
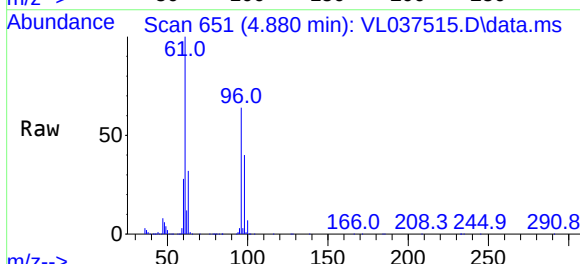
MMDadoda
 9/10/2021 10:47:13 AM

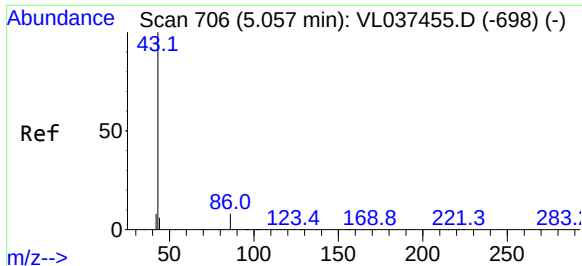


#22
 trans-1,2-Dichloroethene
 Concen: 10.837 ppbv
 RT: 4.880 min Scan# 651
 Delta R.T. 0.009 min
 Lab File: VL037515.D
 Acq: 3 Sep 2021 10:23

Tgt Ion: 96 Resp: 808721

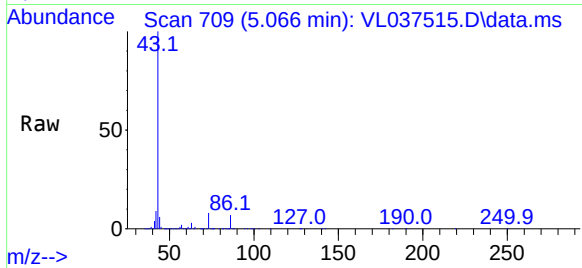
Ion	Ratio	Lower	Upper
96	100		
61	155.1	125.5	188.3
98	62.0	49.0	73.4





#23
 Vinyl Acetate
 Concen: 11.047 ppbv m
 RT: 5.066 min Scan# 709
 Delta R.T. 0.009 min
 Lab File: VL037515.D
 Acq: 3 Sep 2021 10:23

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

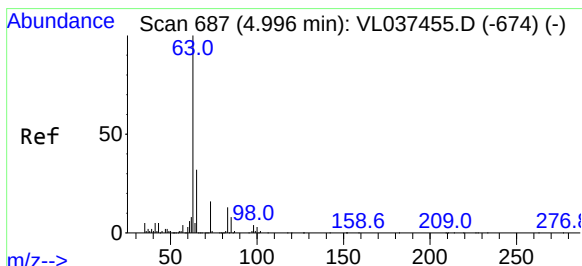
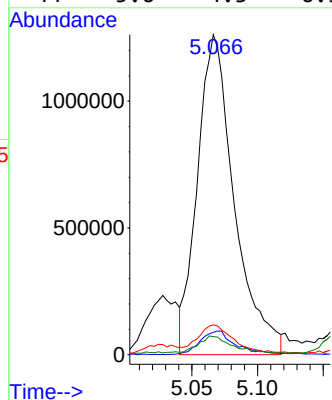
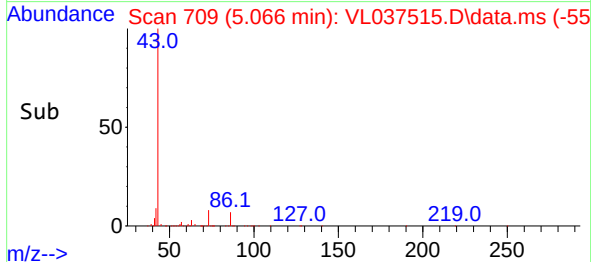


Tgt Ion: 43 Resp: 2468975

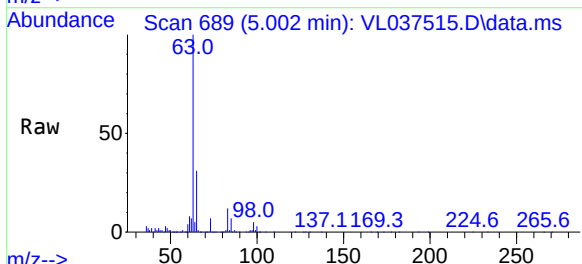
Ion	Ratio	Lower	Upper
43	100		
86	7.0	5.7	8.5
42	9.3	7.4	11.2
44	5.6	4.3	6.5

Manual Integrations
 APPROVED

MMDadoda
 9/10/2021 10:47:13 AM

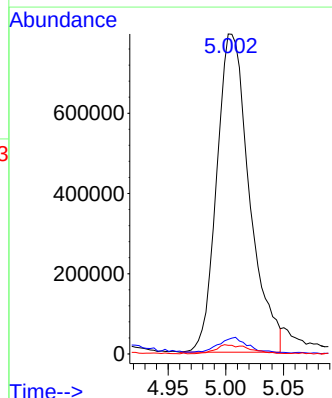
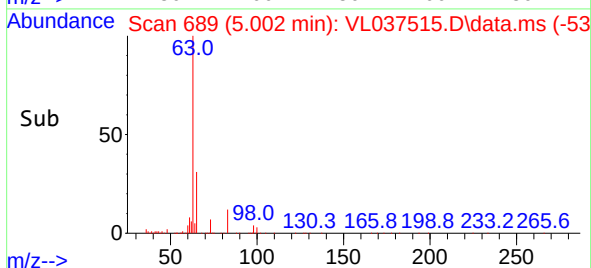


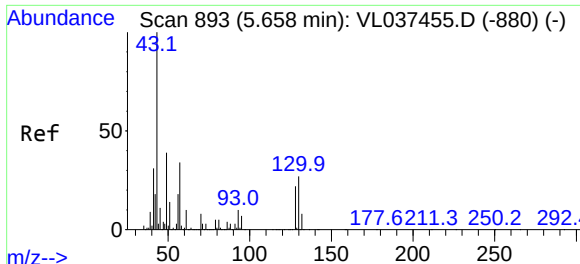
#24
 1,1-Dichloroethane
 Concen: 9.640 ppbv
 RT: 5.002 min Scan# 689
 Delta R.T. 0.006 min
 Lab File: VL037515.D
 Acq: 3 Sep 2021 10:23



Tgt Ion: 63 Resp: 1562762

Ion	Ratio	Lower	Upper
63	100		
98	4.1	2.1	6.3
100	2.6	1.6	4.7





#25
Ethyl Acetate
Concen: 10.534 ppbv
RT: 5.668 min Scan# 896
Delta R.T. 0.009 min
Lab File: VL037515.D
Acq: 3 Sep 2021 10:23

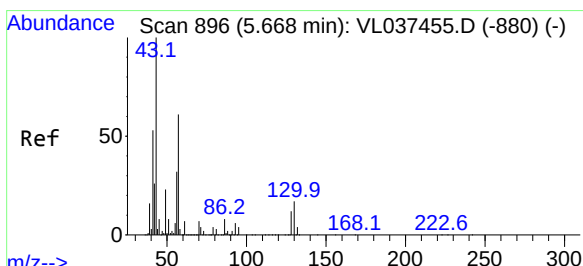
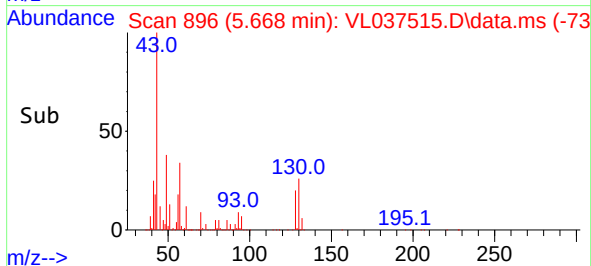
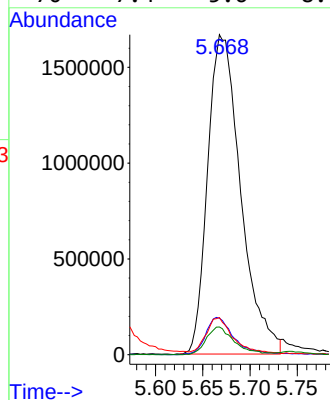
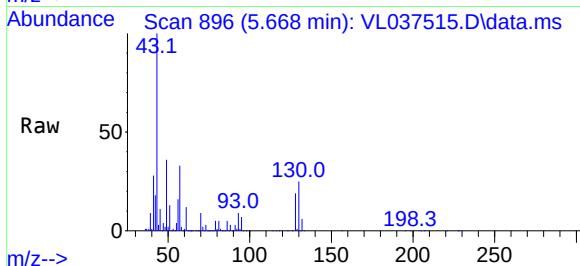
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 43 Resp: 4055195

Ion	Ratio	Lower	Upper
43	100		
45	10.1	8.0	12.0
61	10.2	8.0	12.0
70	7.4	5.6	8.4

Manual Integrations
APPROVED

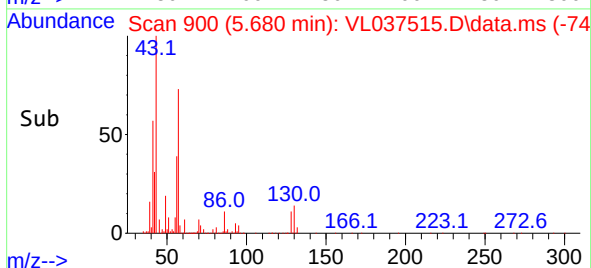
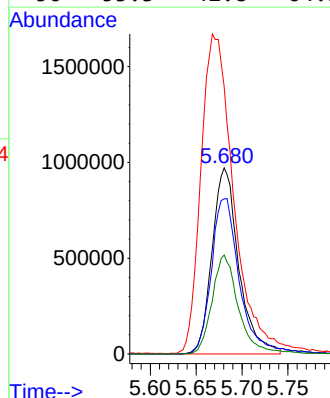
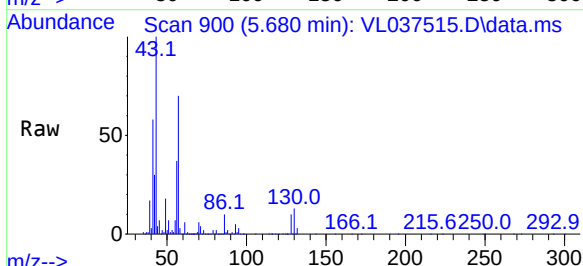
MMDadoda
9/10/2021 10:47:13 AM

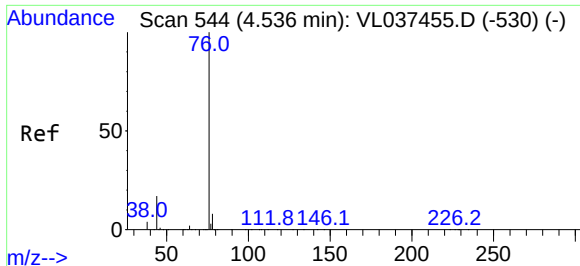


#26
Hexane
Concen: 10.431 ppbv
RT: 5.680 min Scan# 900
Delta R.T. 0.013 min
Lab File: VL037515.D
Acq: 3 Sep 2021 10:23

Tgt Ion: 57 Resp: 1963260

Ion	Ratio	Lower	Upper
57	100		
41	89.7	72.3	108.5
43	214.2	172.3	258.5
56	53.3	42.8	64.2





#27
Carbon Disulfide
Concen: 11.801 ppbv
RT: 4.545 min Scan# 547
Delta R.T. 0.009 min
Lab File: VL037515.D
Acq: 3 Sep 2021 10:23

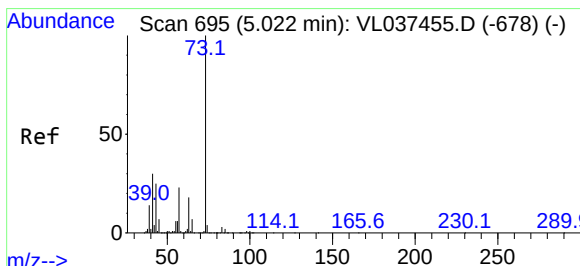
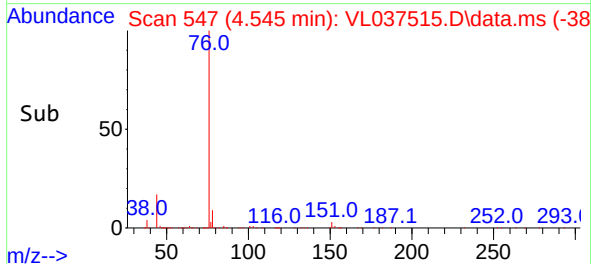
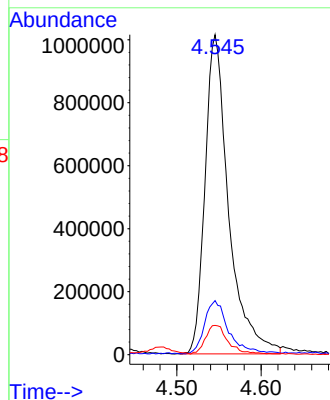
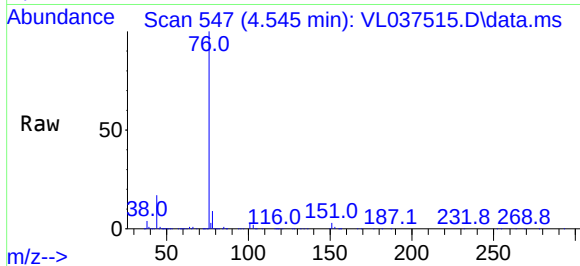
Tgt Ion: 76 Resp: 1979374

Ion	Ratio	Lower	Upper
76	100		
44	17.3	13.9	20.9
78	9.3	7.9	11.9

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Manual Integrations
APPROVED

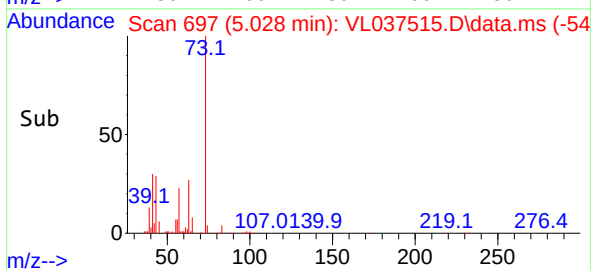
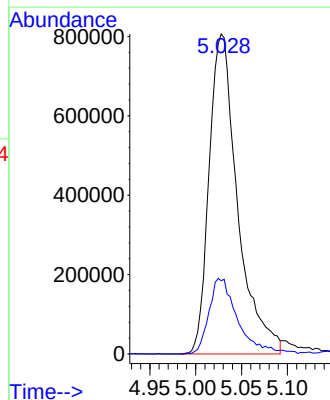
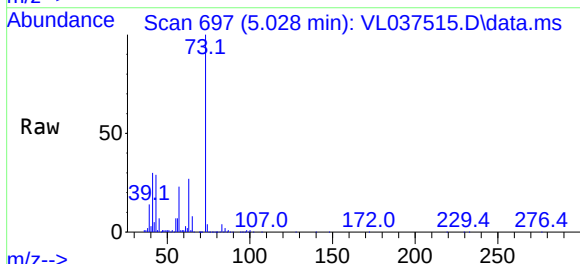
MMDadoda
9/10/2021 10:47:13 AM

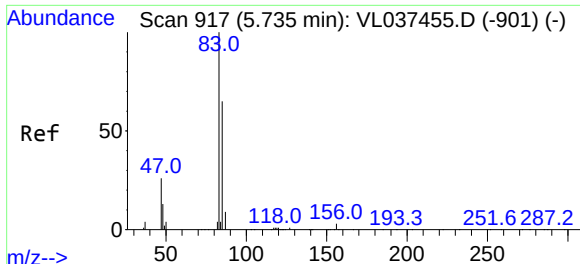


#28
Methyl tert-Butyl Ether
Concen: 9.640 ppbv
RT: 5.028 min Scan# 697
Delta R.T. 0.006 min
Lab File: VL037515.D
Acq: 3 Sep 2021 10:23

Tgt Ion: 73 Resp: 1742517

Ion	Ratio	Lower	Upper
73	100		
57	24.1	19.4	29.2





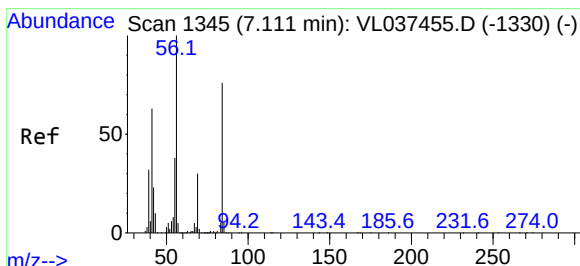
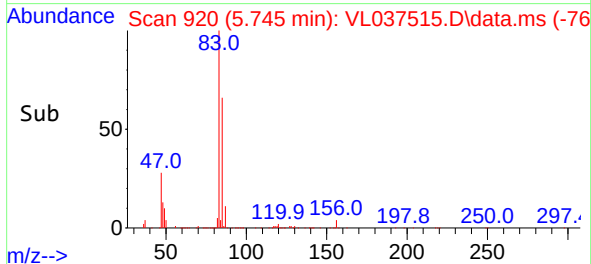
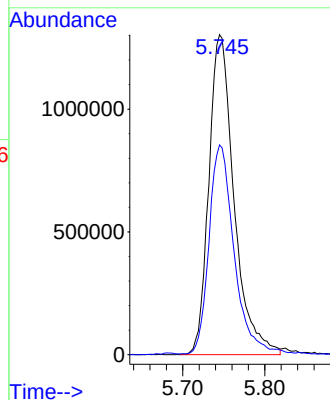
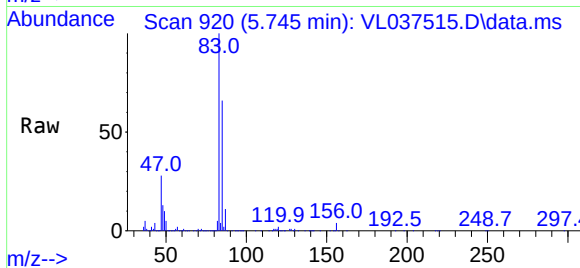
#29
Chloroform
Concen: 10.436 ppbv
RT: 5.745 min Scan# 920
Delta R.T. 0.009 min
Lab File: VL037515.D
Acq: 3 Sep 2021 10:23

Tgt Ion: 83 Resp: 2783730
Ion Ratio Lower Upper
83 100
85 65.3 52.3 78.5

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

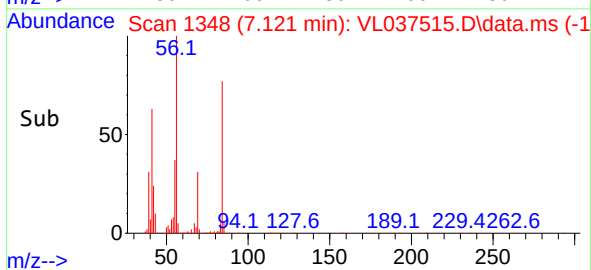
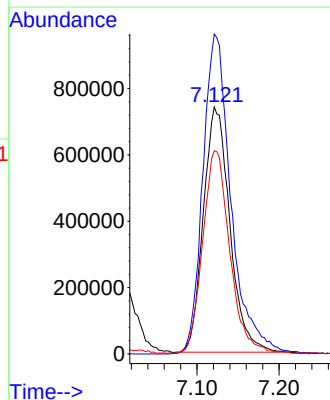
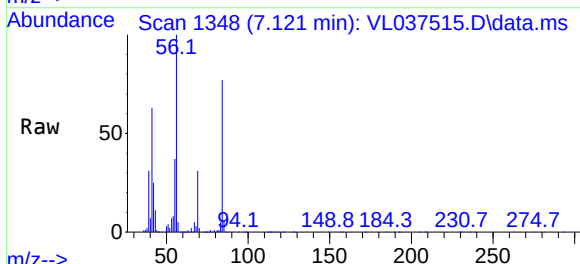
Manual Integrations
APPROVED

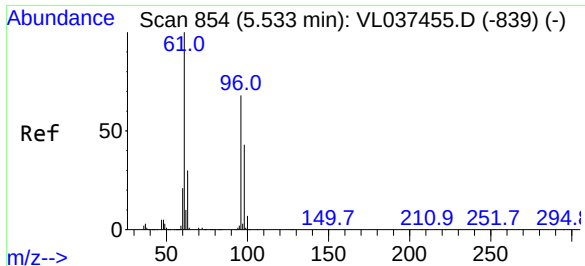
MMDadoda
9/10/2021 10:47:13 AM



#30
Cyclohexane
Concen: 10.614 ppbv
RT: 7.121 min Scan# 1348
Delta R.T. 0.009 min
Lab File: VL037515.D
Acq: 3 Sep 2021 10:23

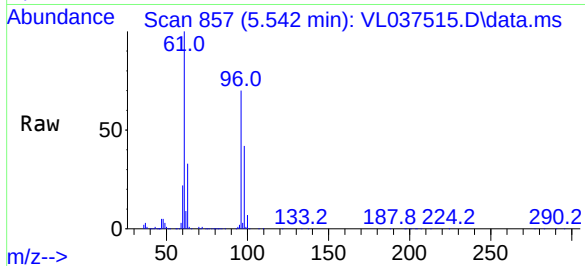
Tgt Ion: 84 Resp: 1664417
Ion Ratio Lower Upper
84 100
56 139.1 110.6 165.8
41 85.6 67.0 100.6





#31
cis-1,2-Dichloroethene
Concen: 11.019 ppbv
RT: 5.542 min Scan# 857
Delta R.T. 0.009 min
Lab File: VL037515.D
Acq: 3 Sep 2021 10:23

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

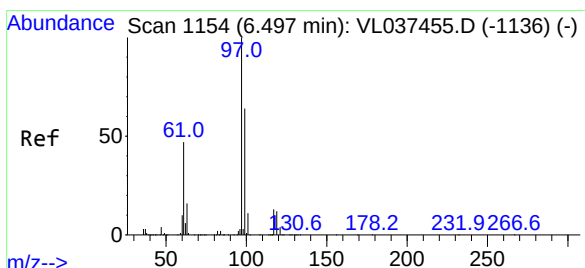
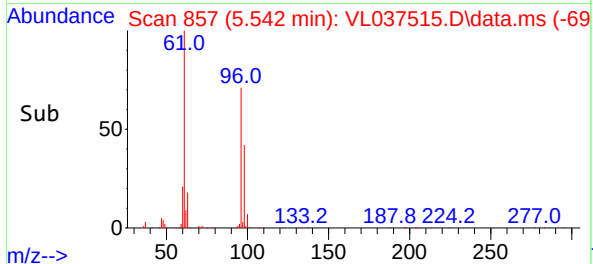
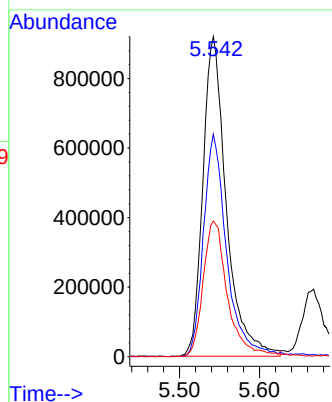


Tgt Ion: 61 Resp: 1876931

Ion	Ratio	Lower	Upper
61	100		
96	69.6	54.8	82.2
98	42.4	34.2	51.2

Manual Integrations
APPROVED

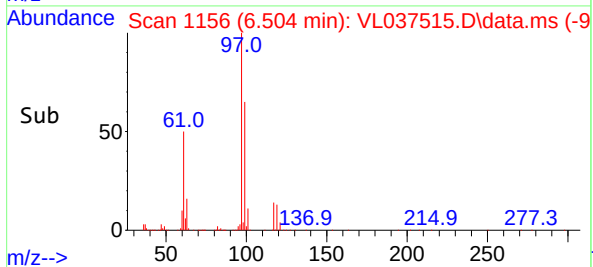
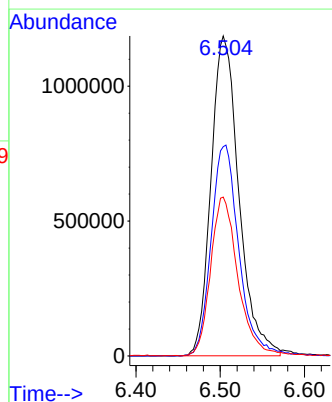
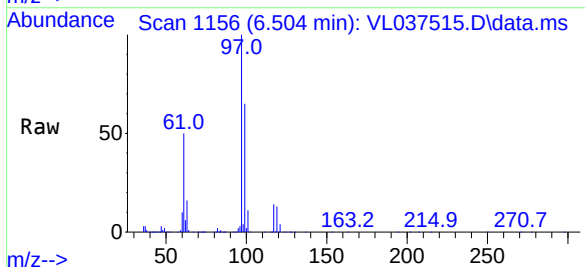
MMDadoda
9/10/2021 10:47:13 AM

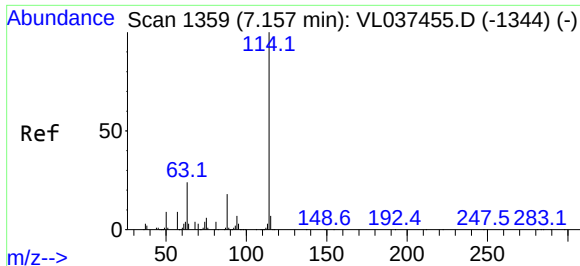


#32
1,1,1-Trichloroethane
Concen: 10.403 ppbv
RT: 6.504 min Scan# 1156
Delta R.T. 0.006 min
Lab File: VL037515.D
Acq: 3 Sep 2021 10:23

Tgt Ion: 97 Resp: 2726237

Ion	Ratio	Lower	Upper
97	100		
99	66.0	51.8	77.6
61	49.3	39.6	59.4





#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.166 min Scan# 1362
Delta R.T. 0.009 min
Lab File: VL037515.D
Acq: 3 Sep 2021 10:23

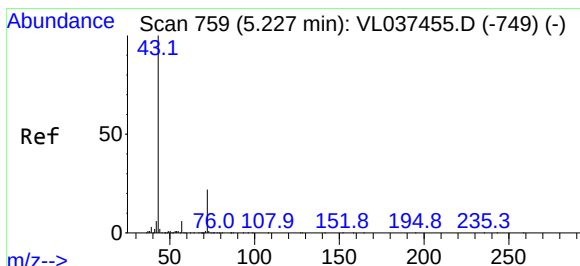
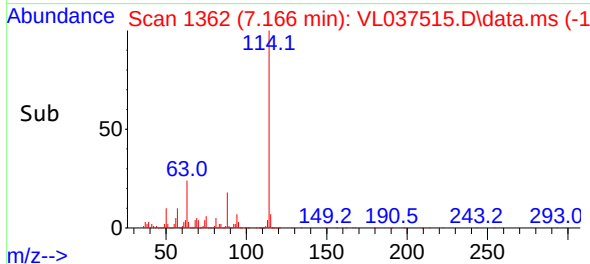
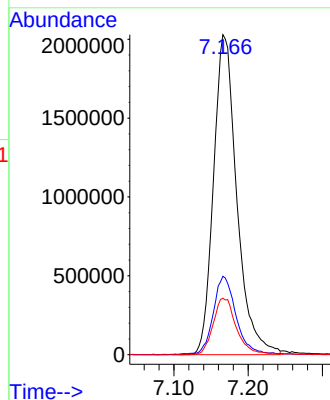
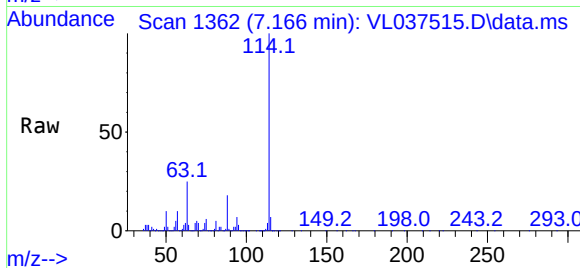
Tgt Ion: 114 Resp: 4429417

Ion	Ratio	Lower	Upper
114	100		
63	24.4	19.3	28.9
88	17.6	14.2	21.4

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Manual Integrations
APPROVED

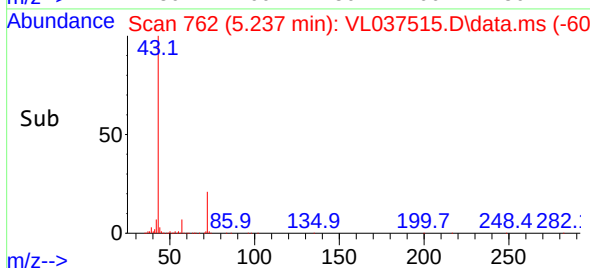
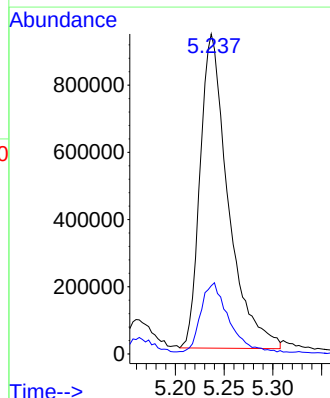
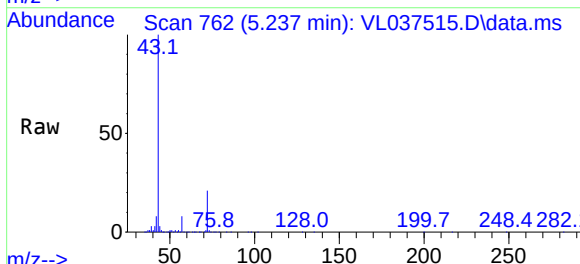
MMDadoda
9/10/2021 10:47:13 AM

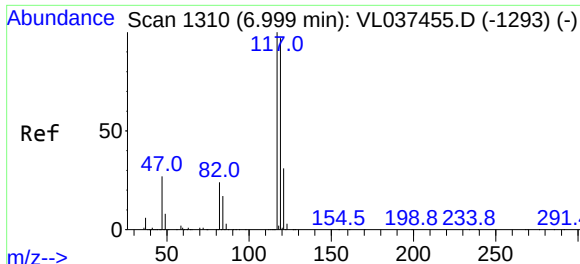


#34
2-Butanone
Concen: 10.348 ppbv
RT: 5.237 min Scan# 762
Delta R.T. 0.009 min
Lab File: VL037515.D
Acq: 3 Sep 2021 10:23

Tgt Ion: 43 Resp: 1871665

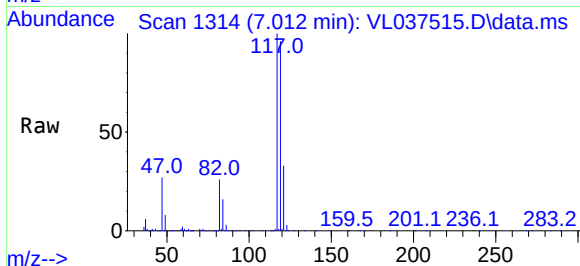
Ion	Ratio	Lower	Upper
43	100		
72	24.1	17.4	26.0





#35
Carbon Tetrachloride
Concen: 10.732 ppbv
RT: 7.012 min Scan# 1314
Delta R.T. 0.013 min
Lab File: VL037515.D
Acq: 3 Sep 2021 10:23

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

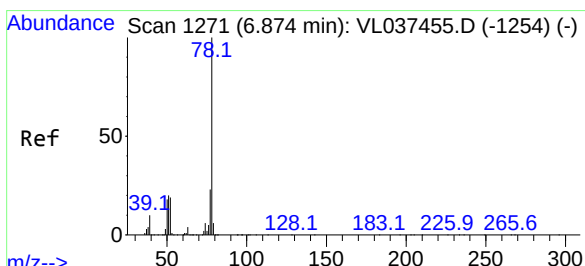
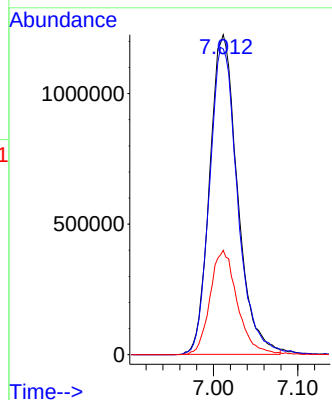
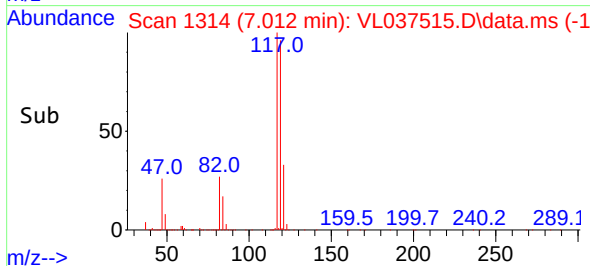


Tgt Ion:117 Resp: 2809417

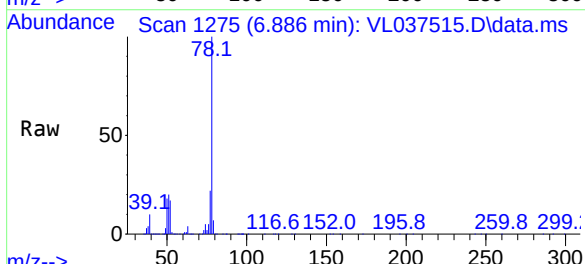
Ion	Ratio	Lower	Upper
117	100		
119	95.6	77.3	115.9
121	32.6	25.2	37.8

Manual Integrations
APPROVED

MMDadoda
9/10/2021 10:47:13 AM

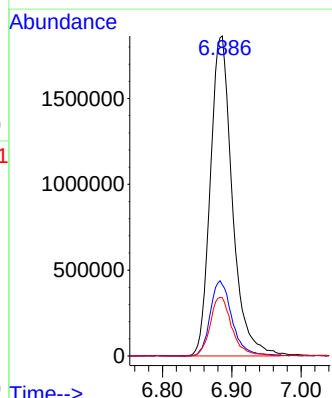
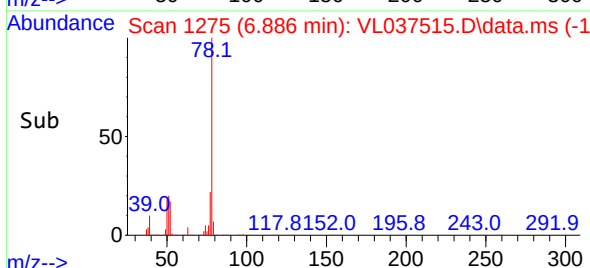


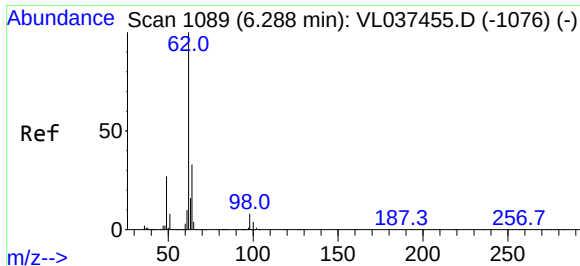
#36
Benzene
Concen: 11.007 ppbv
RT: 6.886 min Scan# 1275
Delta R.T. 0.013 min
Lab File: VL037515.D
Acq: 3 Sep 2021 10:23



Tgt Ion: 78 Resp: 4098671

Ion	Ratio	Lower	Upper
78	100		
77	22.2	18.2	27.4
50	18.2	14.6	21.8





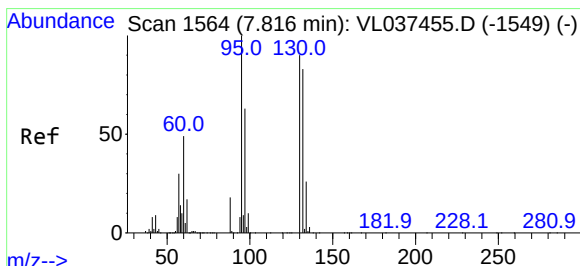
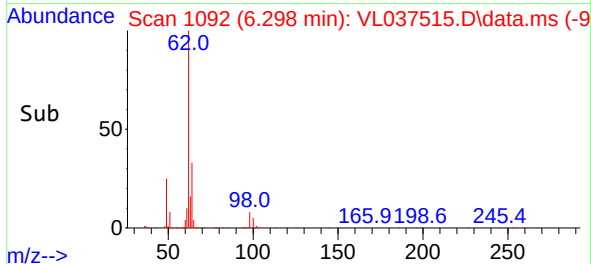
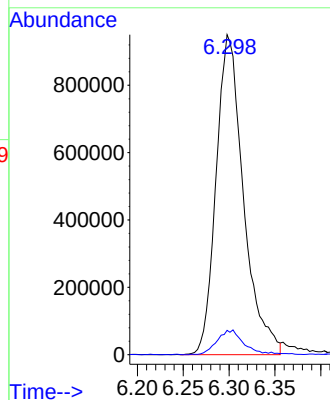
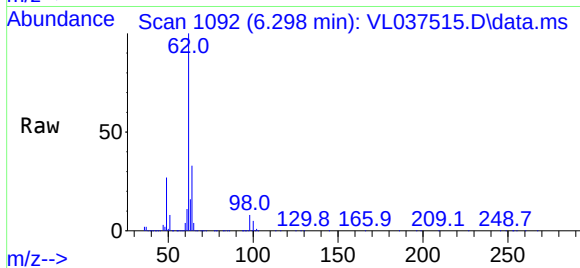
#37
1,2-Dichloroethane
Concen: 10.692 ppbv
RT: 6.298 min Scan# 1092
Delta R.T. 0.009 min
Lab File: VL037515.D
Acq: 3 Sep 2021 10:23

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 62 Resp: 1972008
Ion Ratio Lower Upper
62 100
98 7.7 6.0 9.0

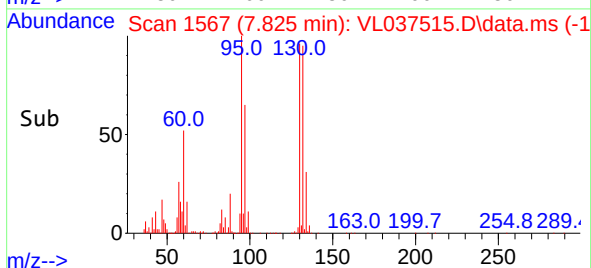
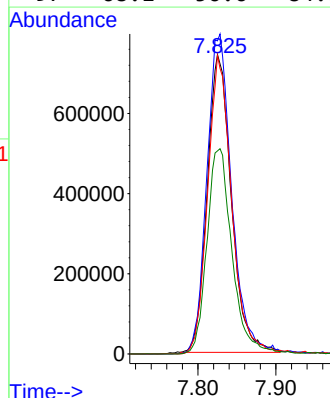
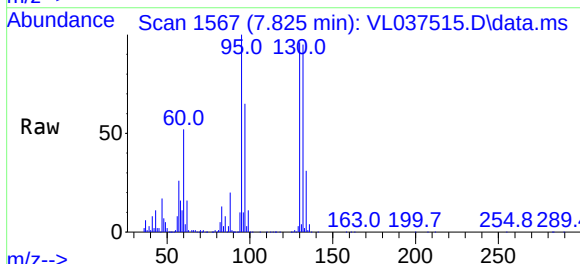
Manual Integrations
APPROVED

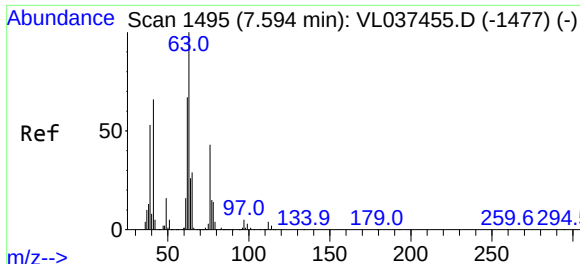
MMDadoda
9/10/2021 10:47:13 AM



#38
Trichloroethene
Concen: 10.512 ppbv
RT: 7.825 min Scan# 1567
Delta R.T. 0.009 min
Lab File: VL037515.D
Acq: 3 Sep 2021 10:23

Tgt Ion:130 Resp: 1605985
Ion Ratio Lower Upper
130 100
95 105.0 89.2 133.8
132 100.1 74.0 111.0
97 68.1 56.6 84.8





#39
1,2-Dichloropropane
Concen: 10.682 ppbv
RT: 7.603 min Scan# 1498
Delta R.T. 0.009 min
Lab File: VL037515.D
Acq: 3 Sep 2021 10:23

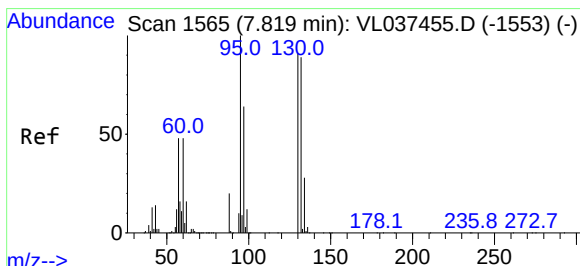
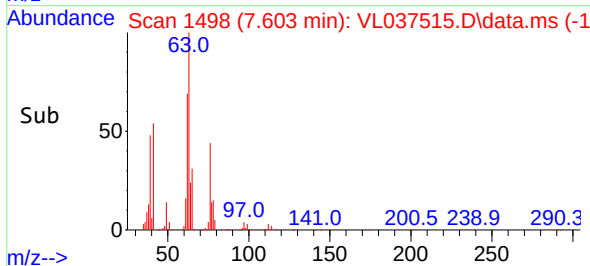
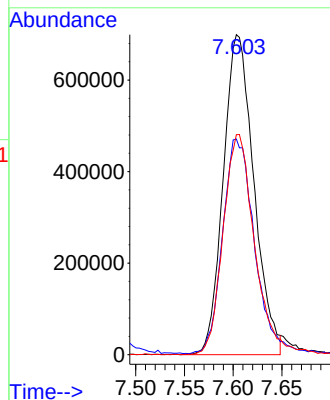
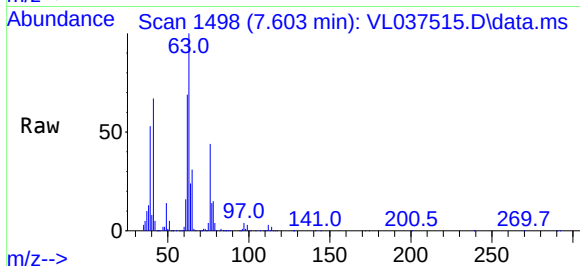
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 63 Resp: 1528432

Ion	Ratio	Lower	Upper
63	100		
41	66.8	52.4	78.6
62	68.7	53.6	80.4

Manual Integrations
APPROVED

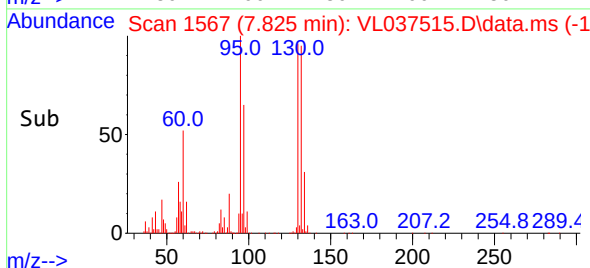
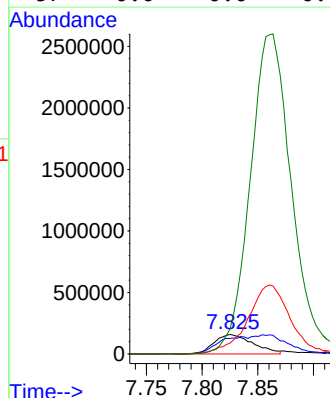
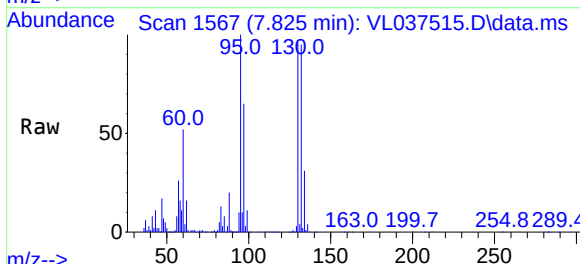
MMDadoda
9/10/2021 10:47:13 AM

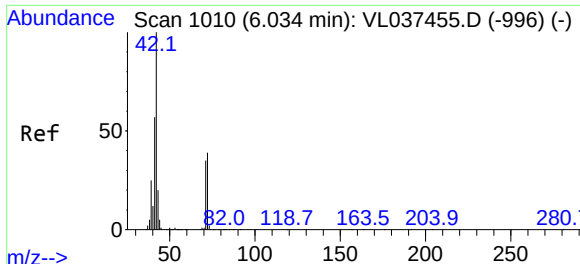


#40
1,4-Dioxane
Concen: 10.882 ppbv
RT: 7.825 min Scan# 1567
Delta R.T. 0.006 min
Lab File: VL037515.D
Acq: 3 Sep 2021 10:23

Tgt Ion: 88 Resp: 381447

Ion	Ratio	Lower	Upper
88	100		
58	0.0	0.0	0.0
43	0.0	0.0	0.0
57	0.0	0.0	0.0





#41
Tetrahydrofuran
Concen: 11.586 ppbv
RT: 6.044 min Scan# 1013
Delta R.T. 0.009 min
Lab File: VL037515.D
Acq: 3 Sep 2021 10:23

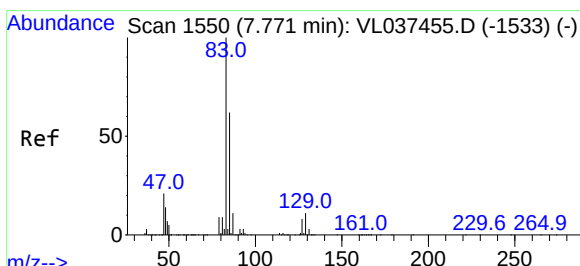
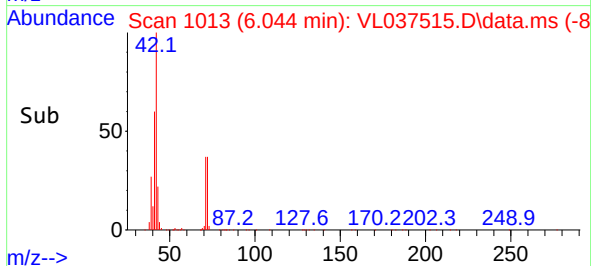
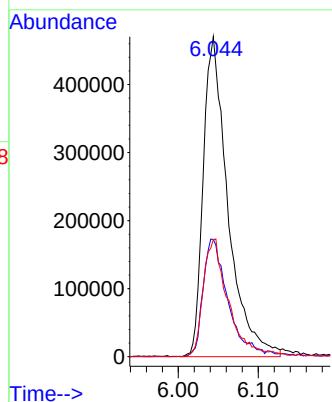
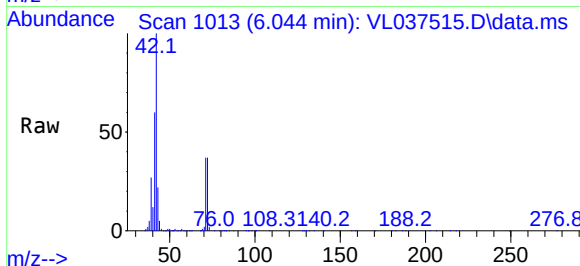
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 42 Resp: 1009544

Ion	Ratio	Lower	Upper
42	100		
72	38.5	32.2	48.4
71	38.0	30.5	45.7

Manual Integrations
APPROVED

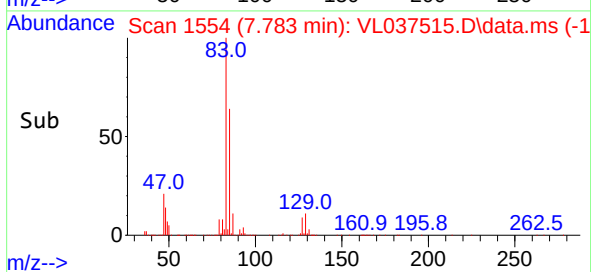
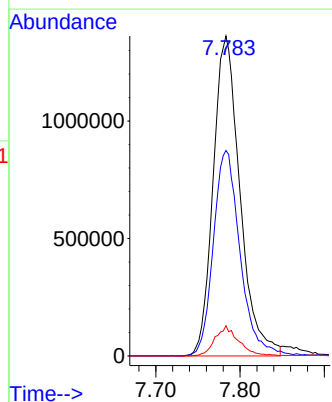
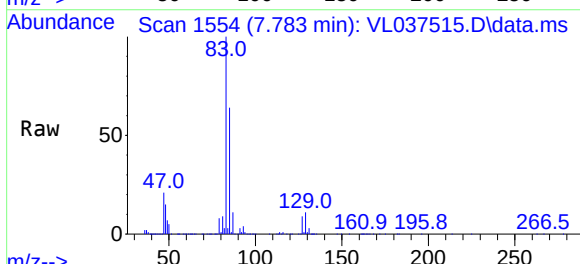
MMDadoda
9/10/2021 10:47:13 AM

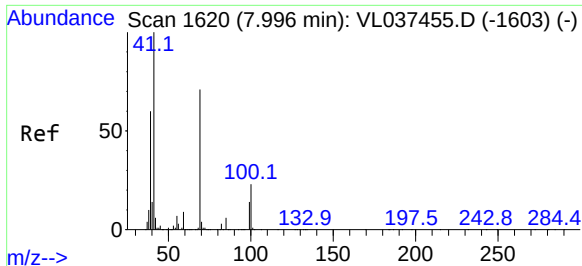


#42
Bromodichloromethane
Concen: 11.147 ppbv
RT: 7.783 min Scan# 1554
Delta R.T. 0.013 min
Lab File: VL037515.D
Acq: 3 Sep 2021 10:23

Tgt Ion: 83 Resp: 3006416

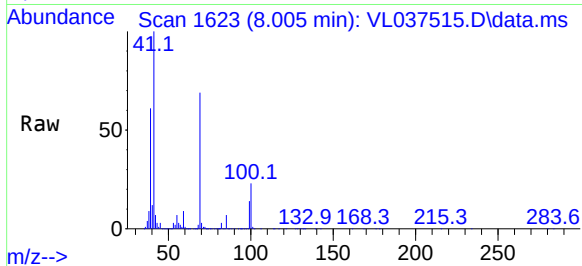
Ion	Ratio	Lower	Upper
83	100		
85	64.2	49.5	74.3
127	9.5	6.3	9.5





#43
Methyl Methacrylate
Concen: 11.435 ppbv
RT: 8.005 min Scan# 1623
Delta R.T. 0.009 min
Lab File: VL037515.D
Acq: 3 Sep 2021 10:23

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

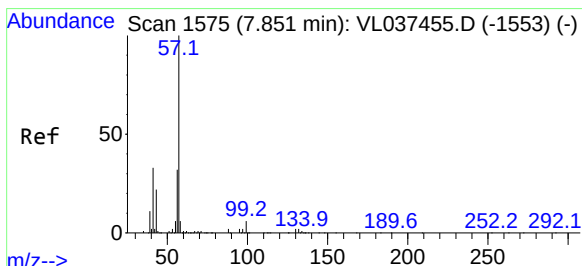
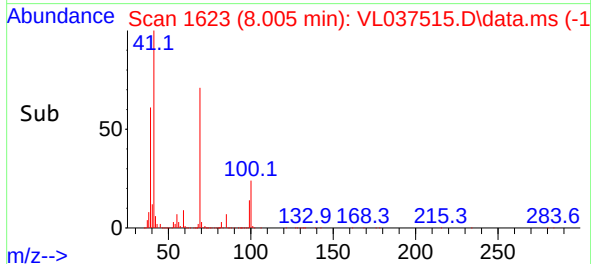
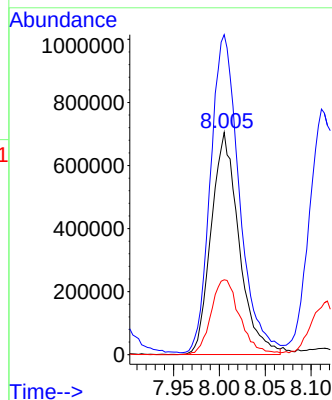


Tgt Ion: 69 Resp: 1483971

Ion	Ratio	Lower	Upper
69	100		
41	149.8	118.6	178.0
100	35.1	27.4	41.0

Manual Integrations
APPROVED

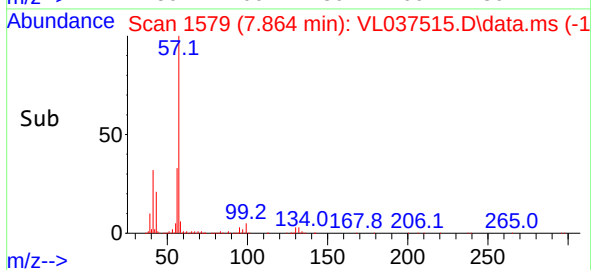
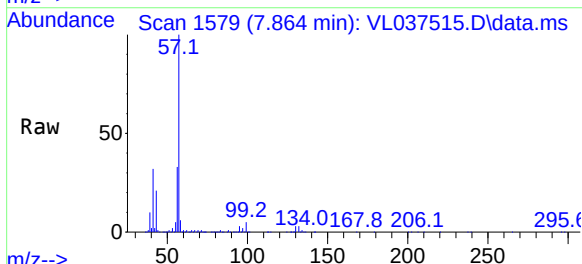
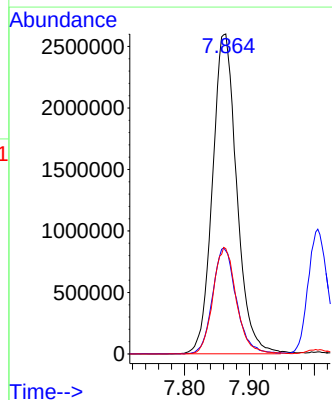
MMDadoda
9/10/2021 10:47:13 AM

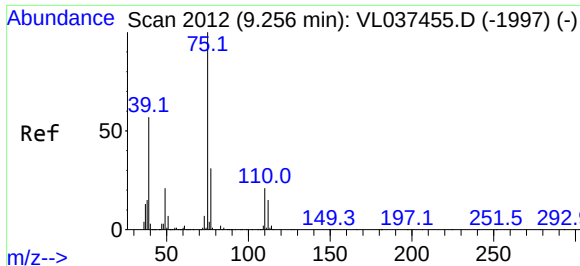


#44
2,2,4-Trimethylpentane
Concen: 10.752 ppbv
RT: 7.864 min Scan# 1579
Delta R.T. 0.013 min
Lab File: VL037515.D
Acq: 3 Sep 2021 10:23

Tgt Ion: 57 Resp: 6737793

Ion	Ratio	Lower	Upper
57	100		
41	32.6	26.2	39.4
56	32.2	25.4	38.2





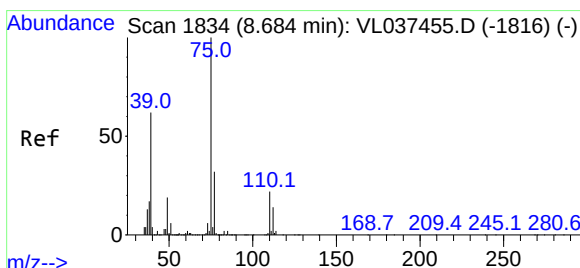
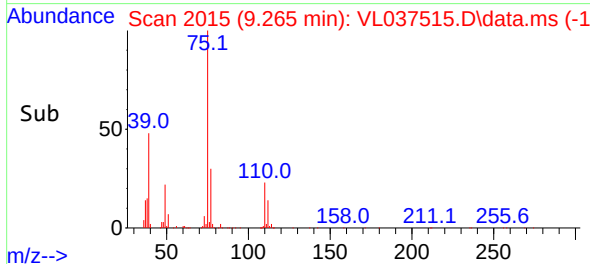
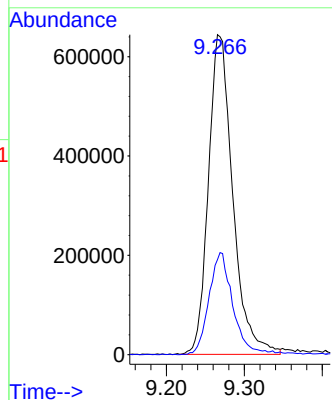
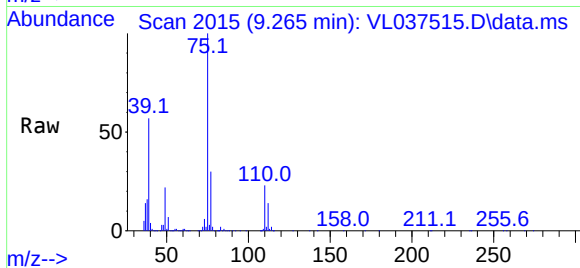
#45
t-1,3-Dichloropropene
Concen: 14.297 ppbv
RT: 9.265 min Scan# 2015
Delta R.T. 0.009 min
Lab File: VL037515.D
Acq: 3 Sep 2021 10:23

Tgt Ion: 75 Resp: 1396826
Ion Ratio Lower Upper
75 100
77 29.7 24.5 36.7

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

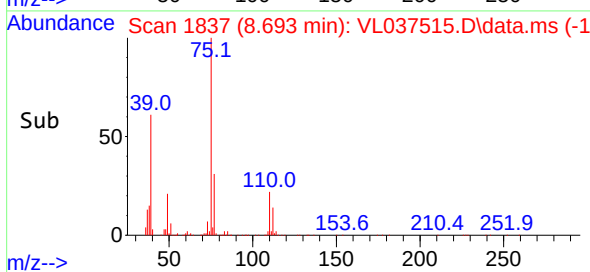
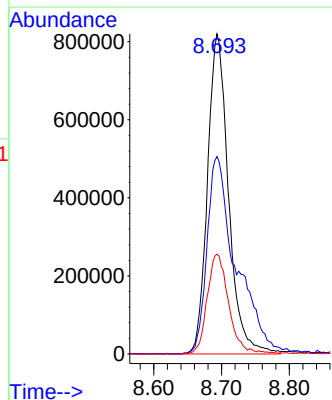
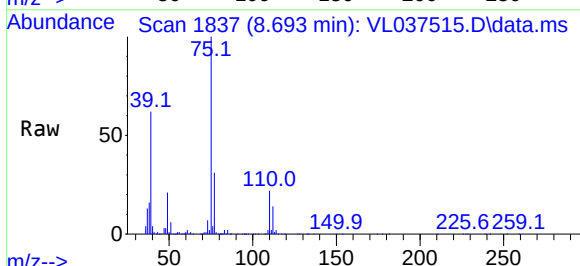
Manual Integrations
APPROVED

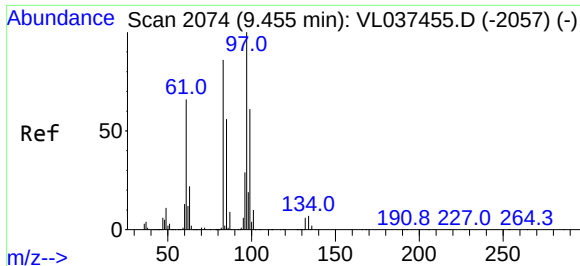
MMDadoda
9/10/2021 10:47:13 AM



#46
cis-1,3-Dichloropropene
Concen: 12.953 ppbv
RT: 8.693 min Scan# 1837
Delta R.T. 0.009 min
Lab File: VL037515.D
Acq: 3 Sep 2021 10:23

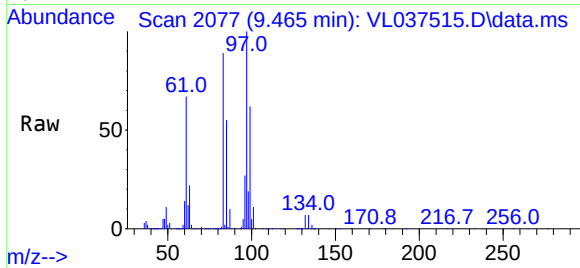
Tgt Ion: 75 Resp: 1765276
Ion Ratio Lower Upper
75 100
39 61.6 49.7 74.5
77 31.1 25.4 38.0





#47
1,1,2-Trichloroethane
Concen: 10.874 ppbv
RT: 9.465 min Scan# 2077
Delta R.T. 0.009 min
Lab File: VL037515.D
Acq: 3 Sep 2021 10:23

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

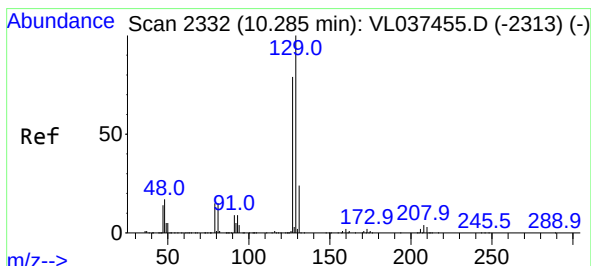
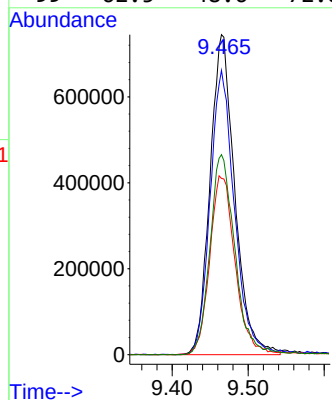
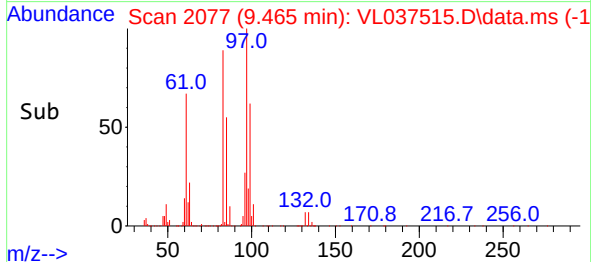


Tgt Ion: 97 Resp: 1681208

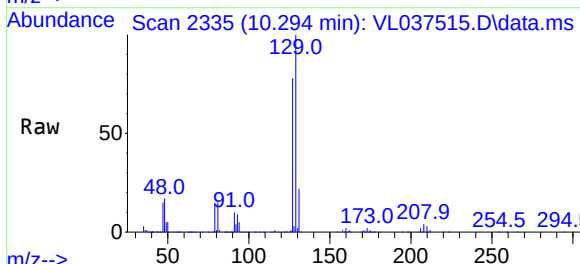
Ion	Ratio	Lower	Upper
97	100		
83	88.7	68.7	103.1
85	55.0	44.7	67.1
99	62.5	48.6	72.8

Manual Integrations
APPROVED

MMDadoda
9/10/2021 10:47:13 AM

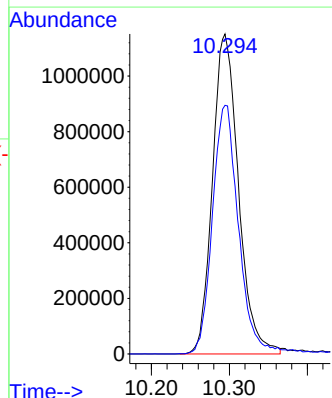
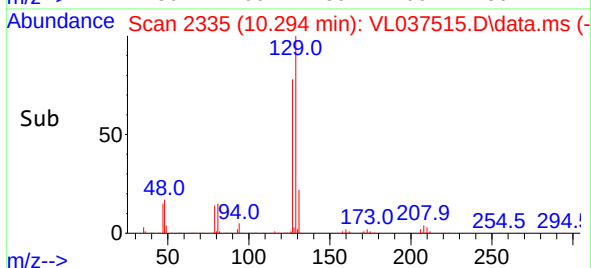


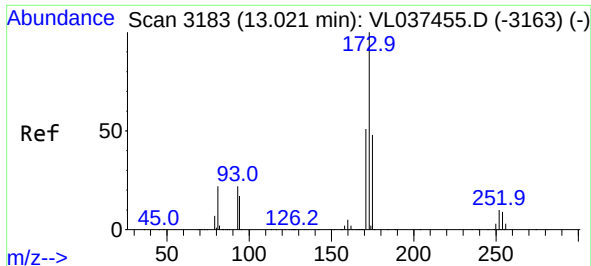
#48
Dibromochloromethane
Concen: 11.999 ppbv
RT: 10.294 min Scan# 2335
Delta R.T. 0.009 min
Lab File: VL037515.D
Acq: 3 Sep 2021 10:23



Tgt Ion: 129 Resp: 2669575

Ion	Ratio	Lower	Upper
129	100		
127	78.9	40.0	120.0





#49
Bromoform
Concen: 12.596 ppbv m
RT: 13.034 min Scan# 3187
Delta R.T. 0.013 min
Lab File: VL037515.D
Acq: 3 Sep 2021 10:23

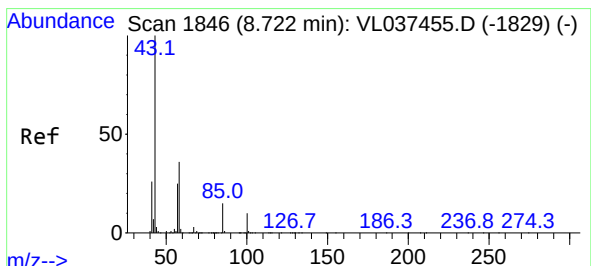
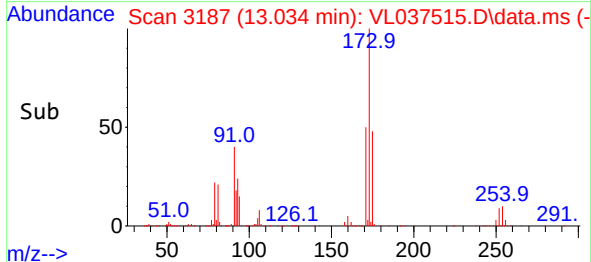
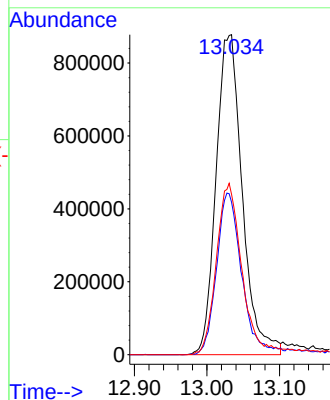
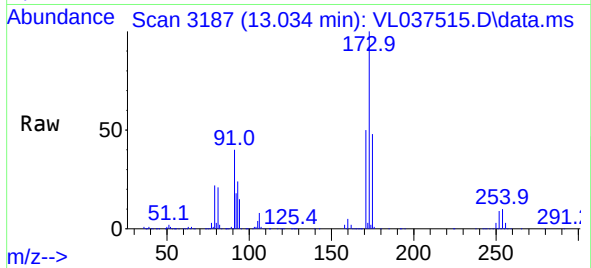
Tgt Ion: 173 Resp: 2208992

Ion	Ratio	Lower	Upper
173	100		
175	48.4	41.9	62.9
171	53.5	44.2	66.4

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Manual Integrations
APPROVED

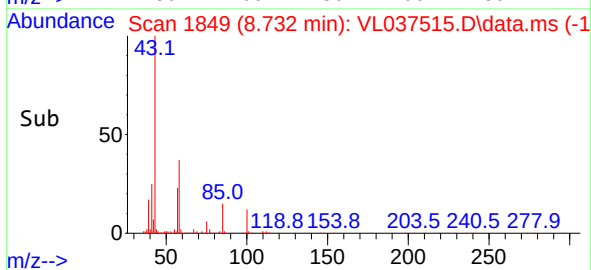
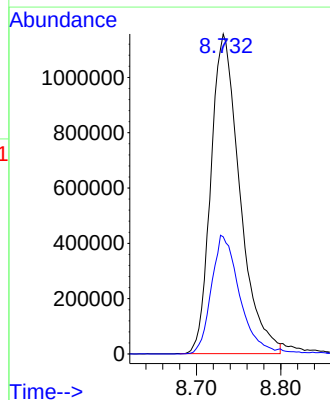
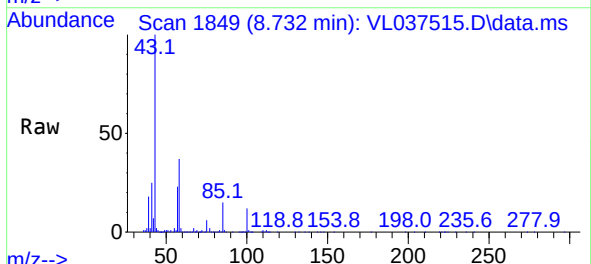
MMDadoda
9/10/2021 10:47:13 AM

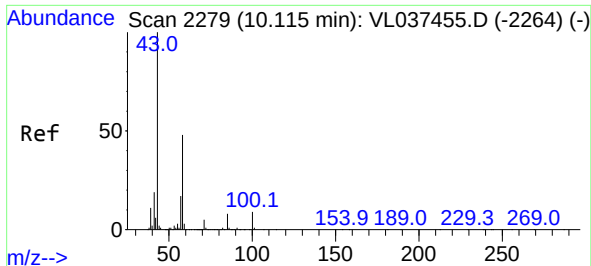


#50
4-Methyl-2-Pentanone
Concen: 11.698 ppbv
RT: 8.732 min Scan# 1849
Delta R.T. 0.009 min
Lab File: VL037515.D
Acq: 3 Sep 2021 10:23

Tgt Ion: 43 Resp: 2760398

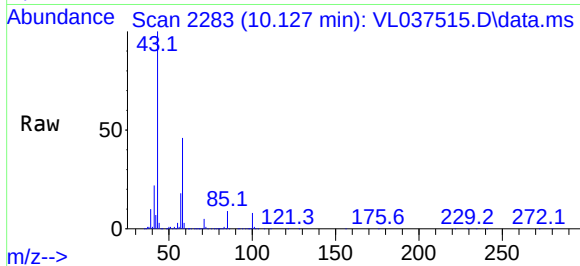
Ion	Ratio	Lower	Upper
43	100		
58	37.1	29.9	44.9





#51
2-Hexanone
Concen: 12.478 ppbv
RT: 10.127 min Scan# 2283
Delta R.T. 0.013 min
Lab File: VL037515.D
Acq: 3 Sep 2021 10:23

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

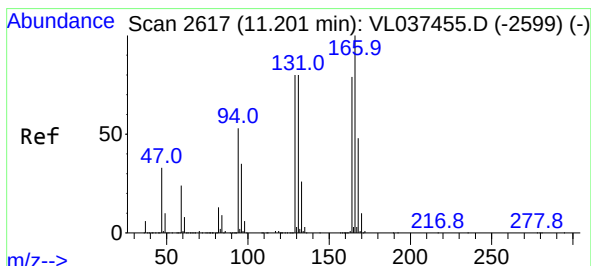
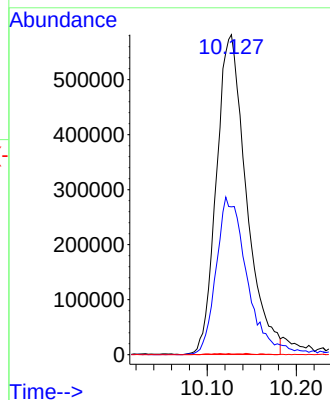
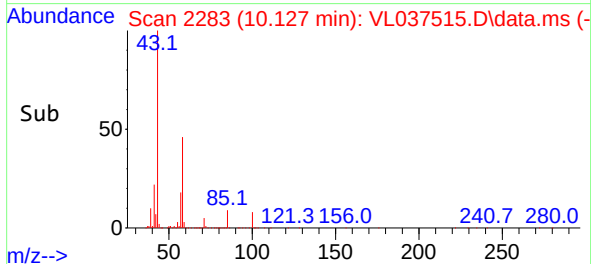


Tgt Ion: 43 Resp: 1354368

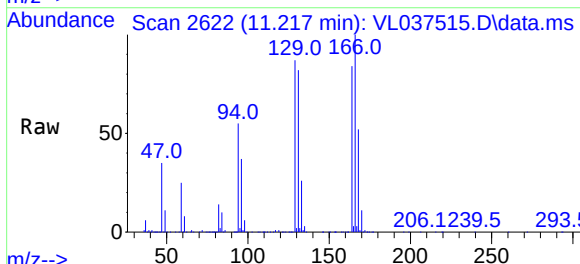
Ion	Ratio	Lower	Upper
43	100		
58	52.1	41.0	61.6
98	0.2	0.3	0.5

Manual Integrations
APPROVED

MMDadoda
9/10/2021 10:47:13 AM

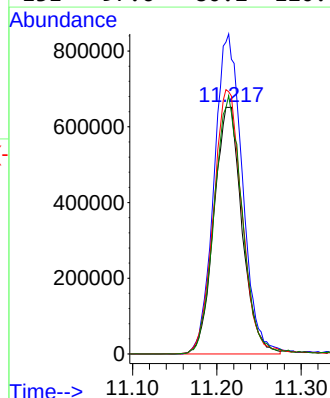
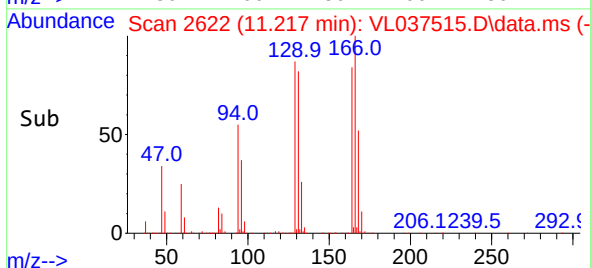


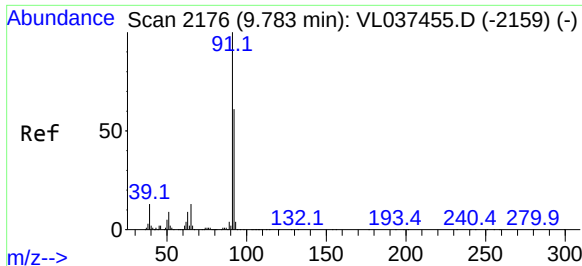
#52
Tetrachloroethene
Concen: 9.895 ppbv
RT: 11.217 min Scan# 2622
Delta R.T. 0.016 min
Lab File: VL037515.D
Acq: 3 Sep 2021 10:23



Tgt Ion: 164 Resp: 1509885

Ion	Ratio	Lower	Upper
164	100		
166	119.3	100.7	151.1
129	104.4	80.9	121.3
131	97.6	80.2	120.4





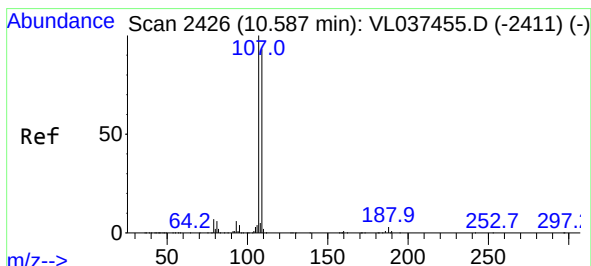
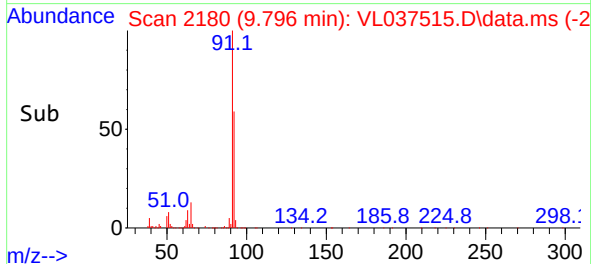
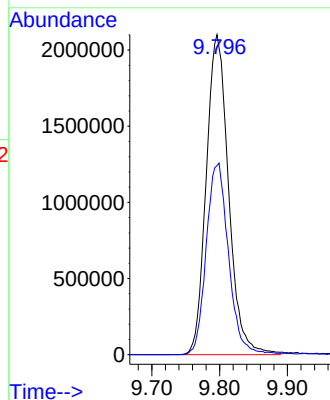
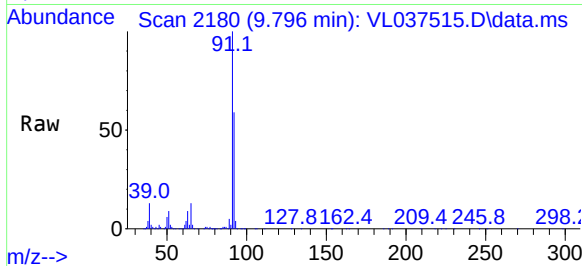
#53
Toluene
Concen: 11.305 ppbv
RT: 9.796 min Scan# 2180
Delta R.T. 0.013 min
Lab File: VL037515.D
Acq: 3 Sep 2021 10:23

Tgt Ion: 91 Resp: 4806436
Ion Ratio Lower Upper
91 100
92 60.5 48.8 73.2

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

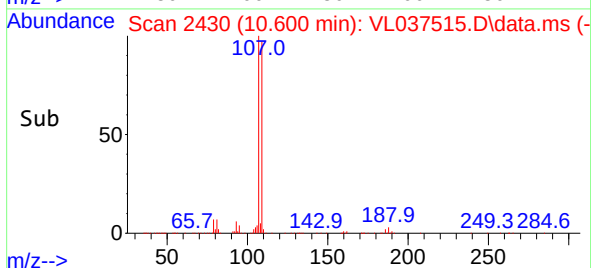
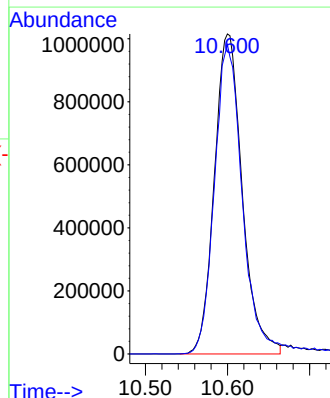
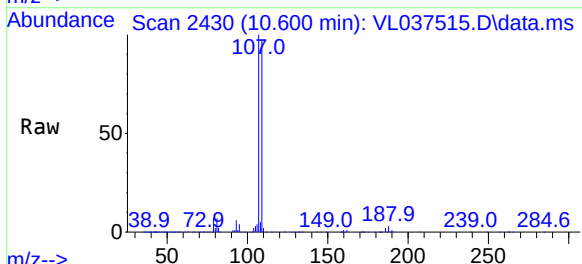
Manual Integrations
APPROVED

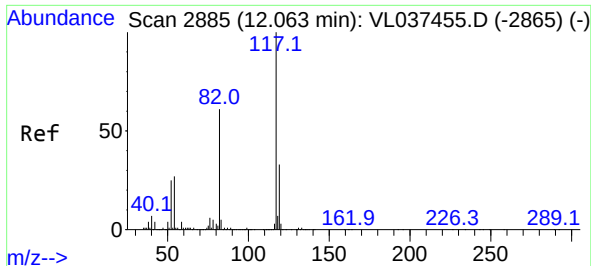
MMDadoda
9/10/2021 10:47:13 AM



#54
1,2-Dibromoethane
Concen: 11.119 ppbv
RT: 10.600 min Scan# 2430
Delta R.T. 0.013 min
Lab File: VL037515.D
Acq: 3 Sep 2021 10:23

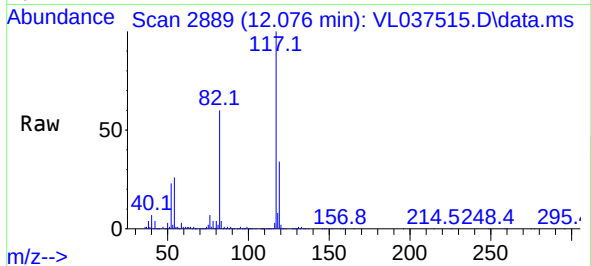
Tgt Ion: 107 Resp: 2399709
Ion Ratio Lower Upper
107 100
109 96.6 74.2 111.4





#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.076 min Scan# 2889
Delta R.T. 0.013 min
Lab File: VL037515.D
Acq: 3 Sep 2021 10:23

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

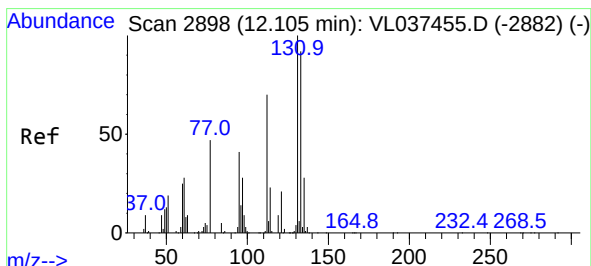
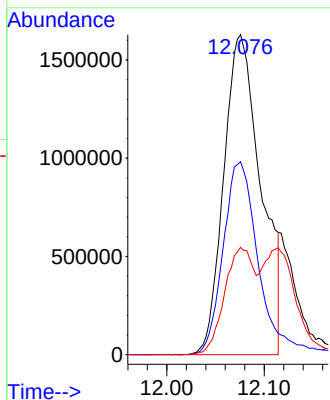
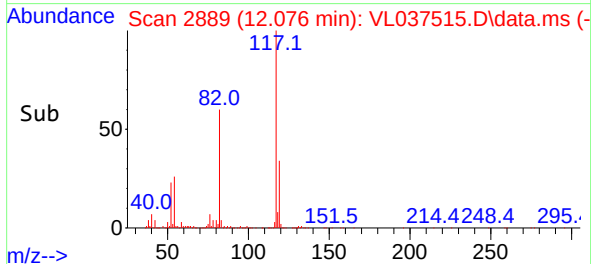


Tgt Ion:117 Resp: 4328501

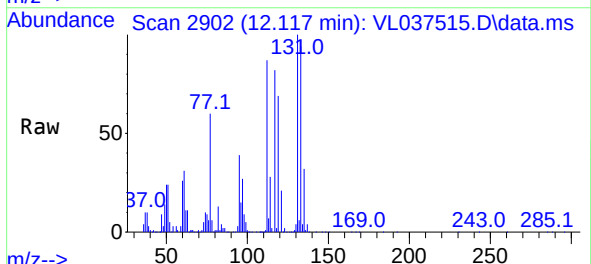
Ion	Ratio	Lower	Upper
117	100		
82	59.4	52.9	79.3
119	24.5	24.8	37.2#

Manual Integrations
APPROVED

MMDadoda
9/10/2021 10:47:13 AM

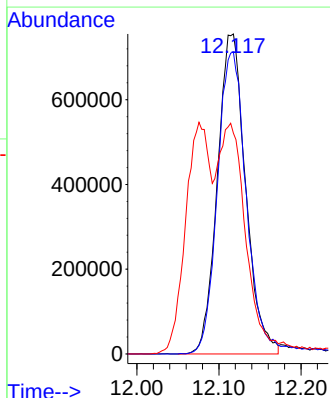
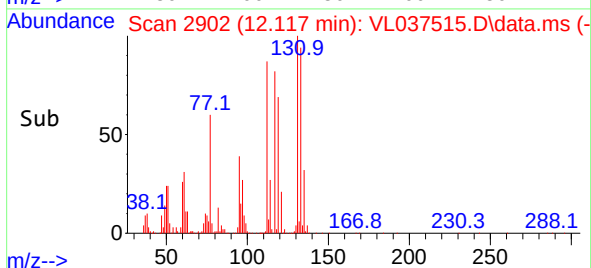


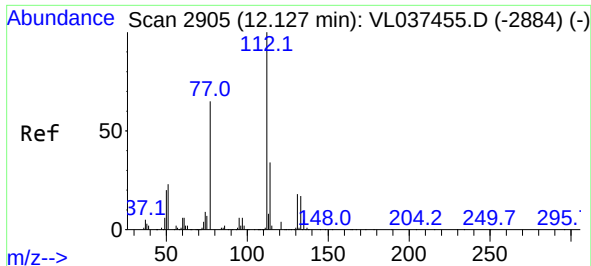
#56
1,1,1,2-Tetrachloroethane
Concen: 10.016 ppbv
RT: 12.117 min Scan# 2902
Delta R.T. 0.013 min
Lab File: VL037515.D
Acq: 3 Sep 2021 10:23



Tgt Ion:131 Resp: 1806560

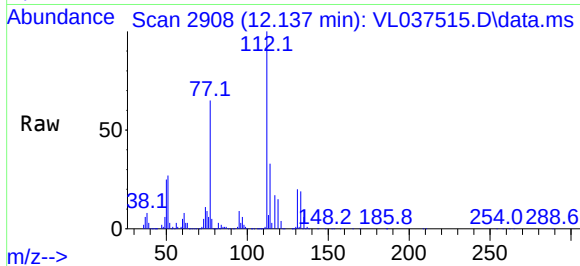
Ion	Ratio	Lower	Upper
131	100		
133	100.1	78.7	118.1
119	78.7	56.6	85.0





#57
Chlorobenzene
Concen: 9.621 ppbv
RT: 12.137 min Scan# 2908
Delta R.T. 0.009 min
Lab File: VL037515.D
Acq: 3 Sep 2021 10:23

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

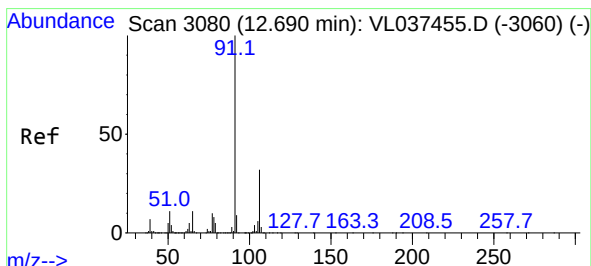
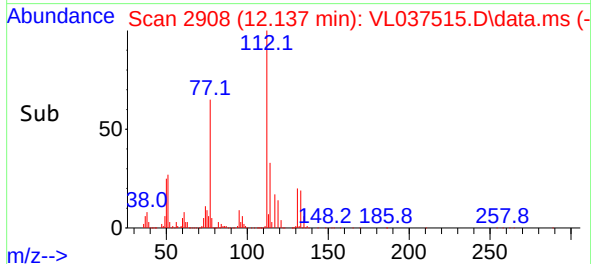
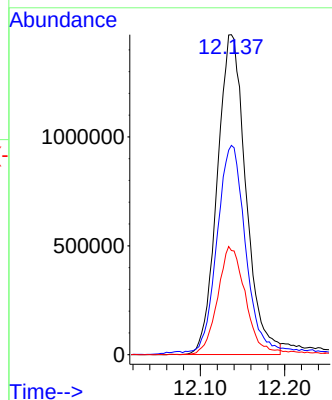


Tgt Ion: 112 Resp: 3456091

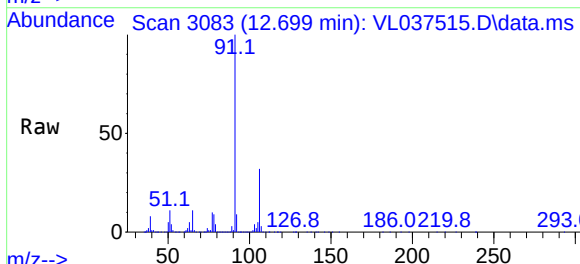
Ion	Ratio	Lower	Upper
112	100		
77	64.4	51.6	77.4
114	32.6	30.7	37.5

Manual Integrations
APPROVED

MMDadoda
9/10/2021 10:47:13 AM

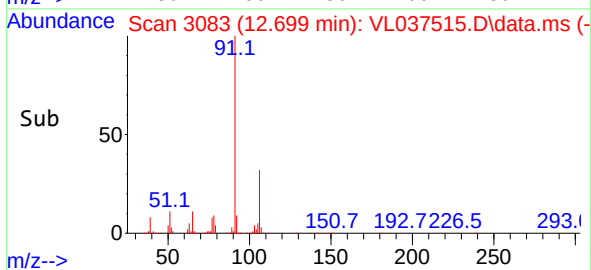
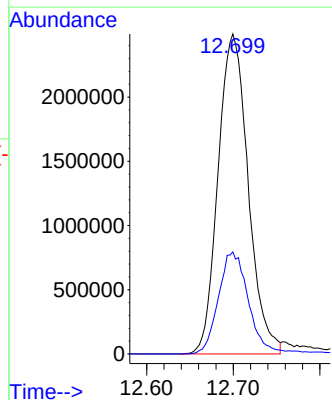


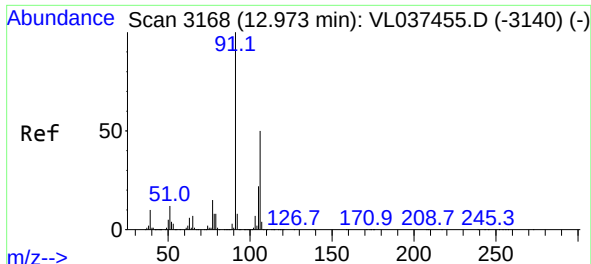
#58
Ethyl Benzene
Concen: 10.017 ppbv
RT: 12.699 min Scan# 3083
Delta R.T. 0.009 min
Lab File: VL037515.D
Acq: 3 Sep 2021 10:23



Tgt Ion: 91 Resp: 6016758

Ion	Ratio	Lower	Upper
91	100		
106	31.9	25.7	38.5





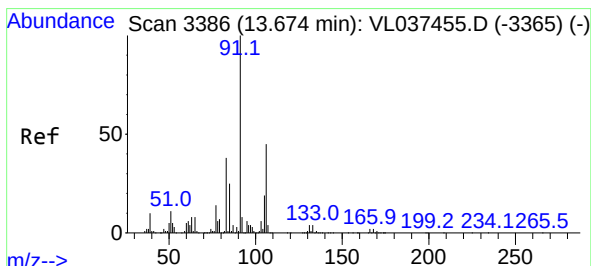
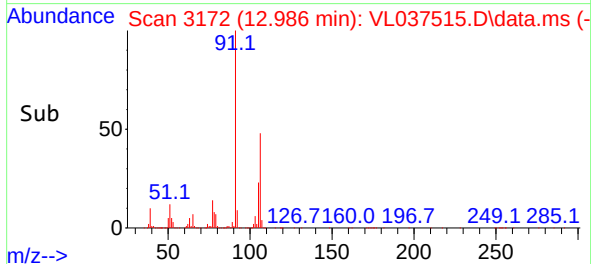
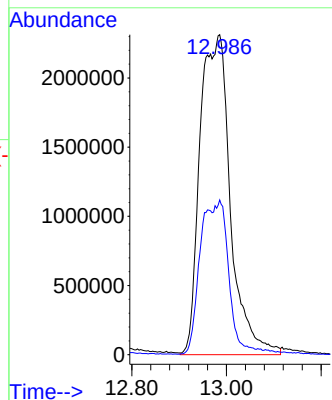
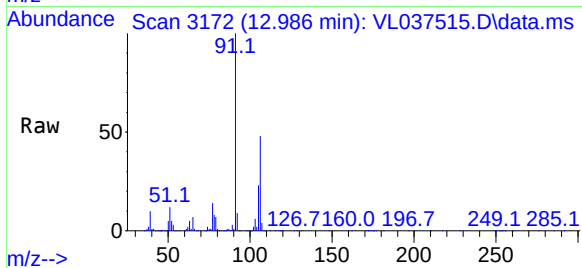
#59
m/p-Xylene
Concen: 19.824 ppbv m
RT: 12.986 min Scan# 3172
Delta R.T. 0.013 min
Lab File: VL037515.D
Acq: 3 Sep 2021 10:23

Tgt Ion: 91 Resp:10323108
Ion Ratio Lower Upper
91 100
106 46.0 36.9 55.3

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

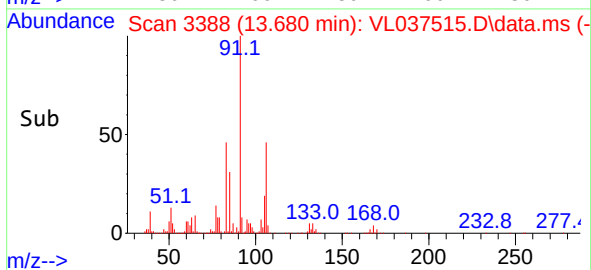
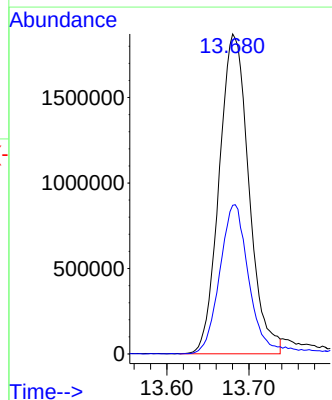
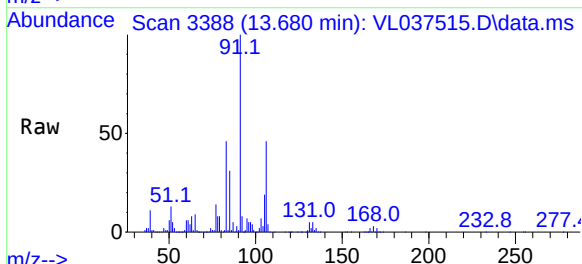
Manual Integrations
APPROVED

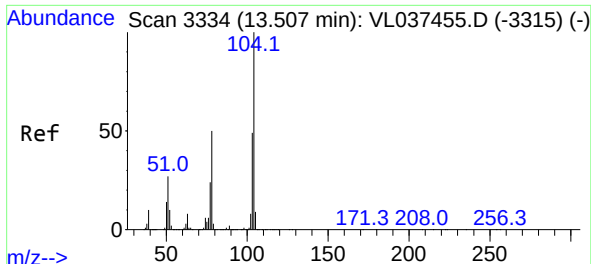
MMDadoda
9/10/2021 10:47:13 AM



#60
o-Xylene
Concen: 9.696 ppbv
RT: 13.680 min Scan# 3388
Delta R.T. 0.006 min
Lab File: VL037515.D
Acq: 3 Sep 2021 10:23

Tgt Ion: 91 Resp: 4712503
Ion Ratio Lower Upper
91 100
106 47.8 23.7 71.1





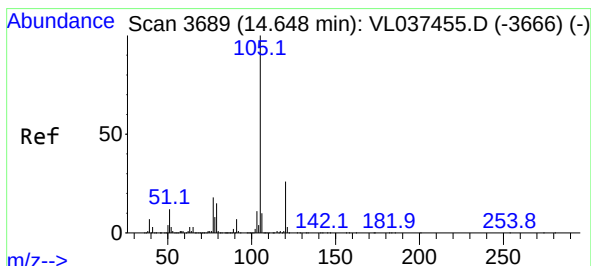
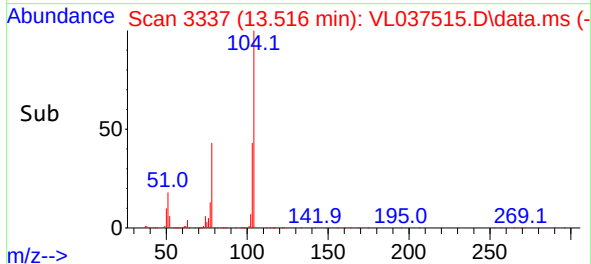
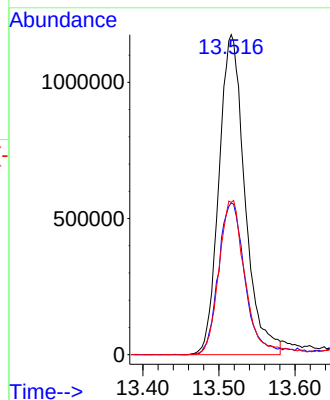
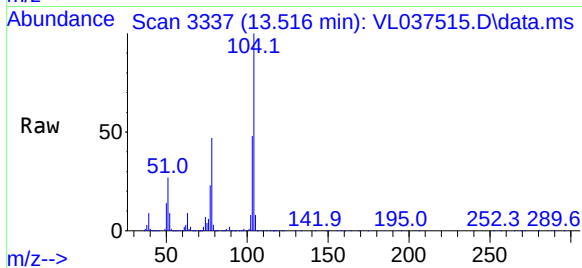
#61
Styrene
Concen: 11.042 ppbv
RT: 13.516 min Scan# 3337
Delta R.T. 0.009 min
Lab File: VL037515.D
Acq: 3 Sep 2021 10:23

Tgt Ion:104 Resp: 2787857
Ion Ratio Lower Upper
104 100
78 49.8 41.3 61.9
103 49.5 39.4 59.0

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

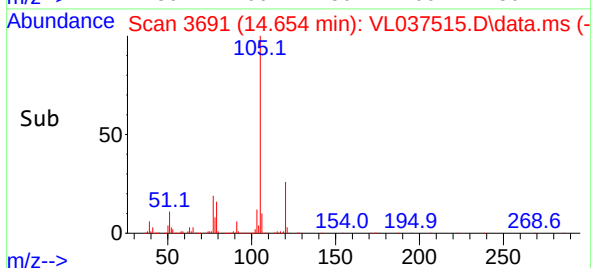
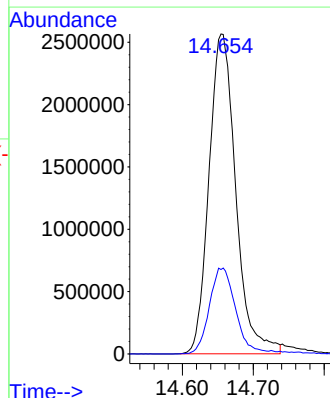
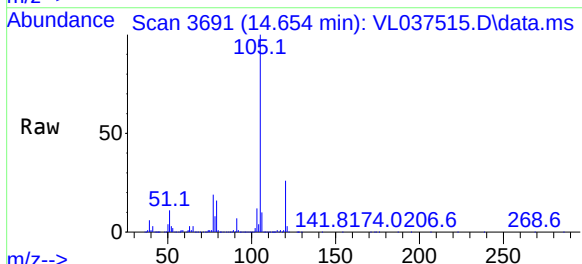
Manual Integrations
APPROVED

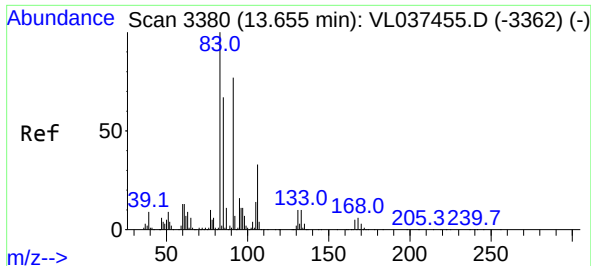
MMDadoda
9/10/2021 10:47:13 AM



#62
Isopropylbenzene
Concen: 9.826 ppbv
RT: 14.654 min Scan# 3691
Delta R.T. 0.006 min
Lab File: VL037515.D
Acq: 3 Sep 2021 10:23

Tgt Ion:105 Resp: 6739813
Ion Ratio Lower Upper
105 100
120 27.1 21.5 32.3





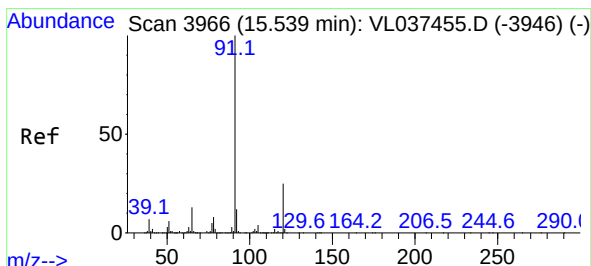
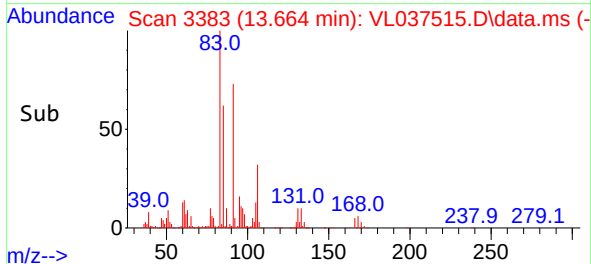
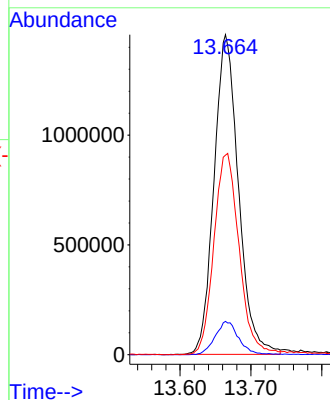
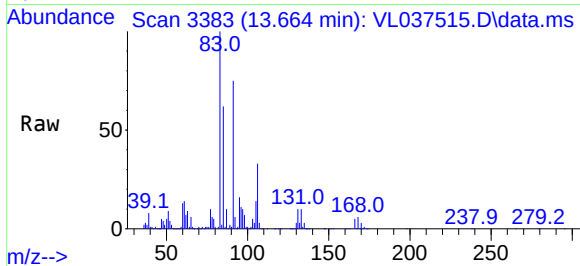
#63
1,1,2,2-Tetrachloroethane
Concen: 9.669 ppbv
RT: 13.664 min Scan# 3383
Delta R.T. 0.009 min
Lab File: VL037515.D
Acq: 3 Sep 2021 10:23

Tgt Ion: 83 Resp: 3492570
Ion Ratio Lower Upper
83 100
131 10.2 5.0 15.0
85 65.5 33.8 101.3

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

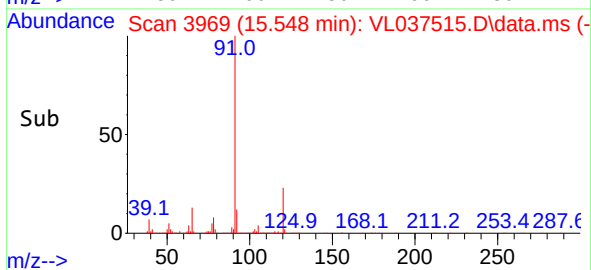
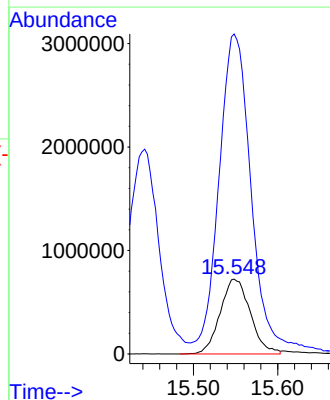
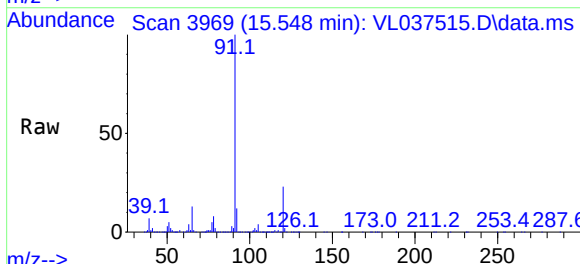
Manual Integrations
APPROVED

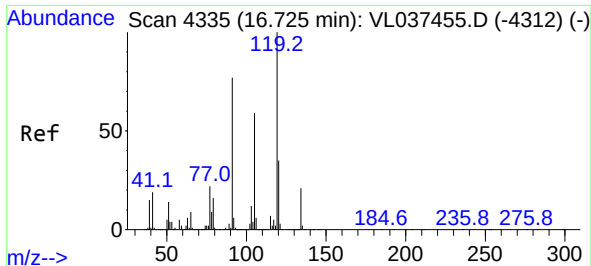
MMDadoda
9/10/2021 10:47:13 AM



#64
n-propylbenzene
Concen: 10.295 ppbv
RT: 15.548 min Scan# 3969
Delta R.T. 0.009 min
Lab File: VL037515.D
Acq: 3 Sep 2021 10:23

Tgt Ion: 120 Resp: 1797106
Ion Ratio Lower Upper
120 100
91 462.3 373.8 560.6





#65
tert-Butylbenzene
Concen: 9.687 ppbv
RT: 16.735 min Scan# 4338
Delta R.T. 0.009 min
Lab File: VL037515.D
Acq: 3 Sep 2021 10:23

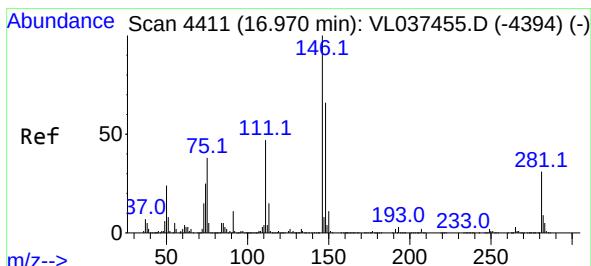
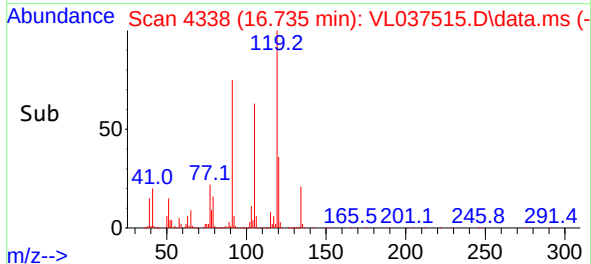
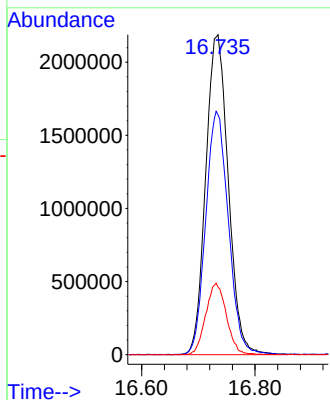
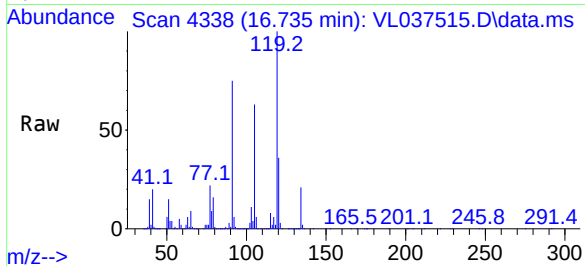
Tgt Ion: 119 Resp: 6051908

Ion	Ratio	Lower	Upper
119	100		
91	76.6	62.9	94.3
134	20.5	16.4	24.6

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Manual Integrations
APPROVED

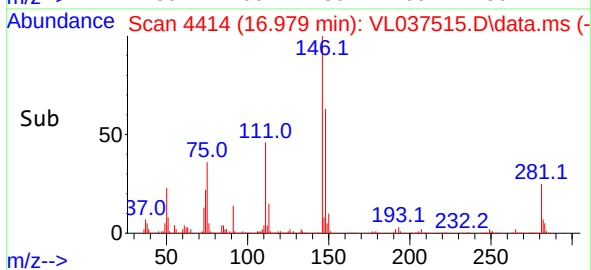
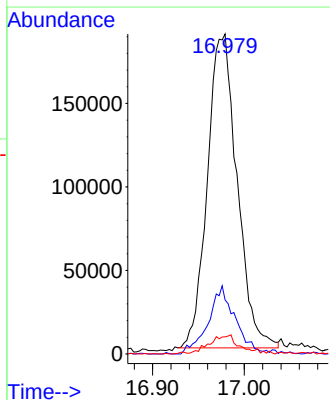
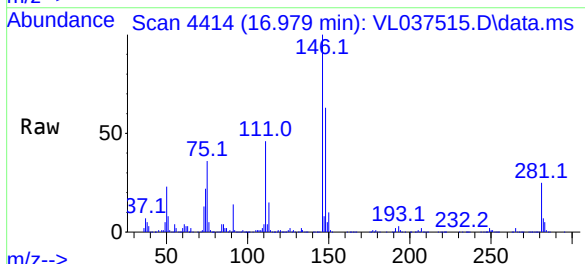
MMDadoda
9/10/2021 10:47:13 AM

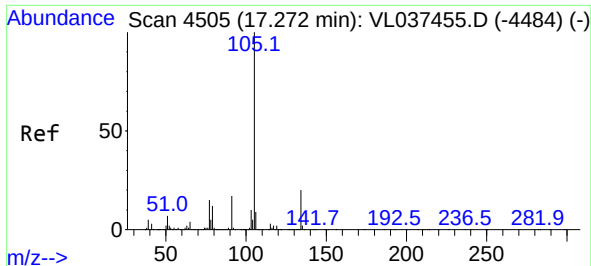


#66
Benzyl Chloride
Concen: 14.992 ppbv
RT: 16.979 min Scan# 4414
Delta R.T. 0.009 min
Lab File: VL037515.D
Acq: 3 Sep 2021 10:23

Tgt Ion: 91 Resp: 423667

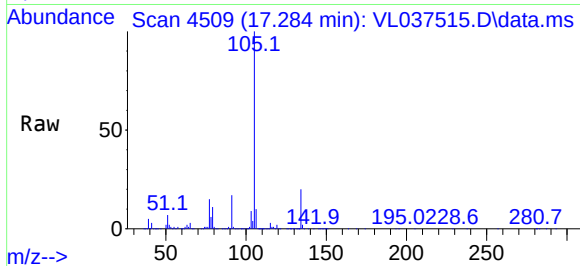
Ion	Ratio	Lower	Upper
91	100		
126	20.0	15.9	23.9
128	6.5	5.4	8.0





#67
 sec-Butylbenzene
 Concen: 9.588 ppbv
 RT: 17.284 min Scan# 4509
 Delta R.T. 0.013 min
 Lab File: VL037515.D
 Acq: 3 Sep 2021 10:23

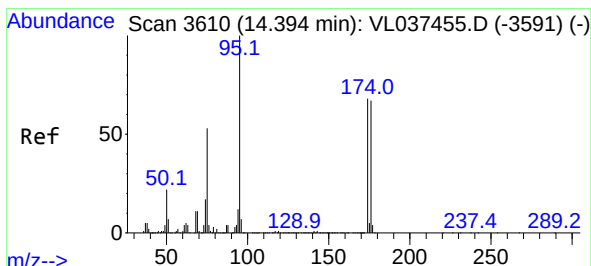
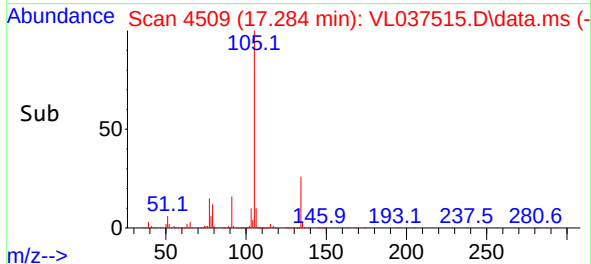
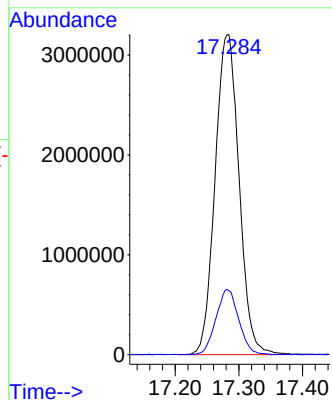
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010



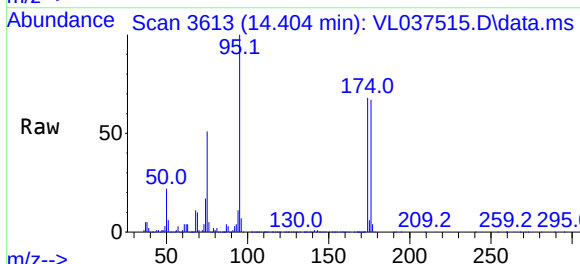
Tgt Ion: 105 Resp: 8369518
 Ion Ratio Lower Upper
 105 100
 134 19.4 15.2 22.8

Manual Integrations
 APPROVED

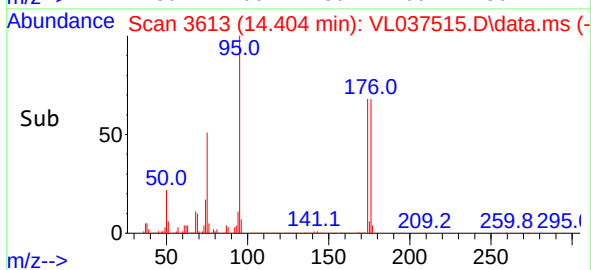
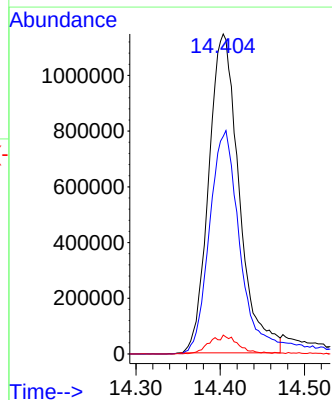
MMDadoda
 9/10/2021 10:47:13 AM

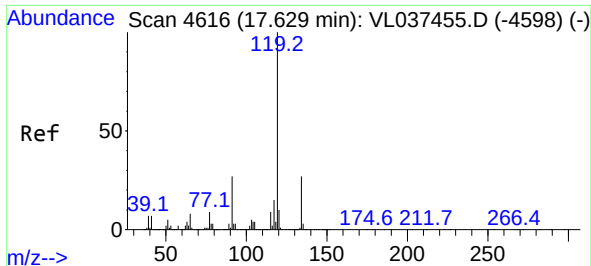


#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.363 ppbv
 RT: 14.404 min Scan# 3613
 Delta R.T. 0.009 min
 Lab File: VL037515.D
 Acq: 3 Sep 2021 10:23



Tgt Ion: 95 Resp: 2879213
 Ion Ratio Lower Upper
 95 100
 174 74.4 59.6 89.4
 175 5.7 4.6 7.0





#69
p-Isopropyltoluene
Concen: 9.965 ppbv
RT: 17.638 min Scan# 4619
Delta R.T. 0.009 min
Lab File: VL037515.D
Acq: 3 Sep 2021 10:23

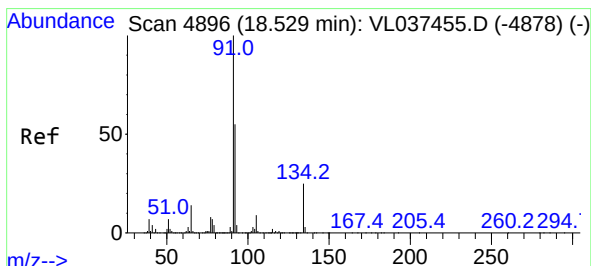
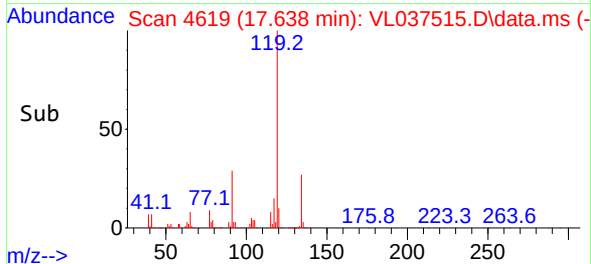
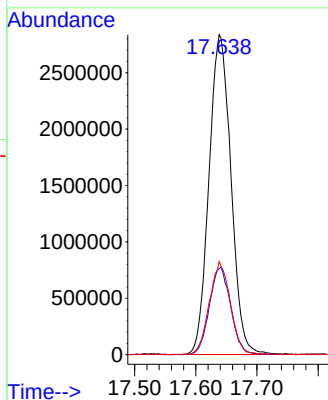
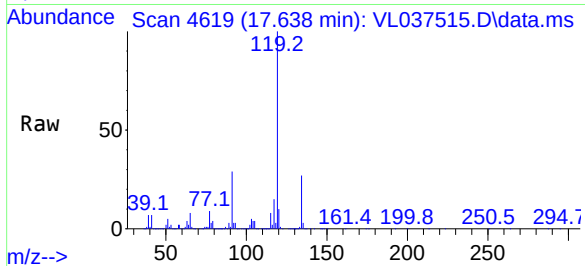
Tgt Ion: 119 Resp: 7088482

Ion	Ratio	Lower	Upper
119	100		
134	26.6	21.1	31.7
91	27.8	22.4	33.6

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Manual Integrations
APPROVED

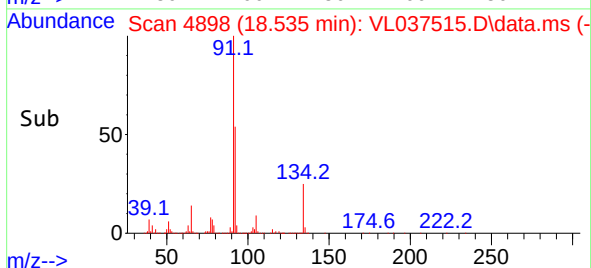
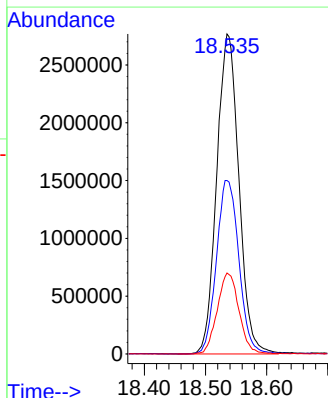
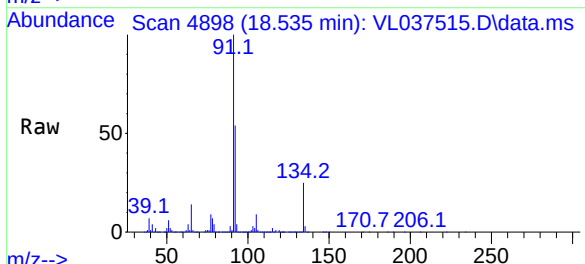
MMDadoda
9/10/2021 10:47:13 AM

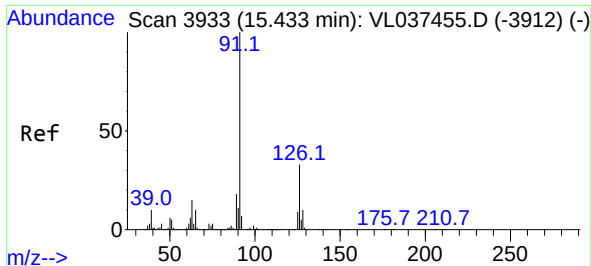


#70
n-Butylbenzene
Concen: 10.236 ppbv
RT: 18.535 min Scan# 4898
Delta R.T. 0.006 min
Lab File: VL037515.D
Acq: 3 Sep 2021 10:23

Tgt Ion: 91 Resp: 6957958

Ion	Ratio	Lower	Upper
91	100		
92	55.3	44.0	66.0
134	24.9	19.5	29.3





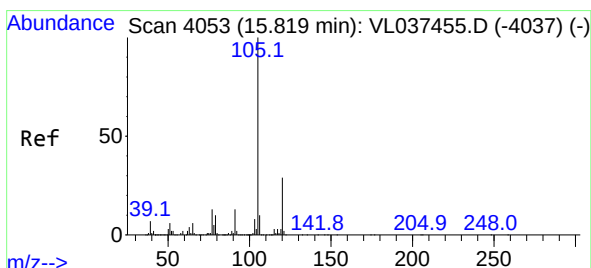
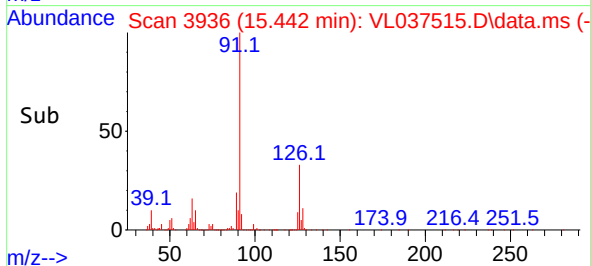
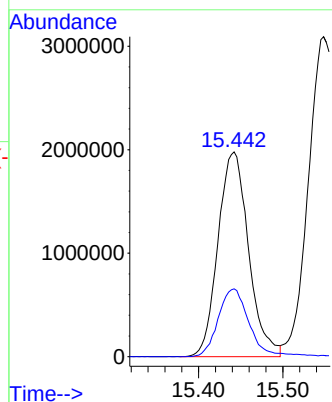
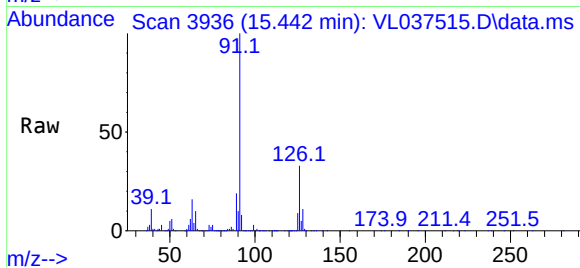
#71
2-Chlorotoluene
Concen: 9.907 ppbv
RT: 15.442 min Scan# 3936
Delta R.T. 0.009 min
Lab File: VL037515.D
Acq: 3 Sep 2021 10:23

Tgt Ion: 91 Resp: 4983395
Ion Ratio Lower Upper
91 100
126 34.2 13.6 54.4

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

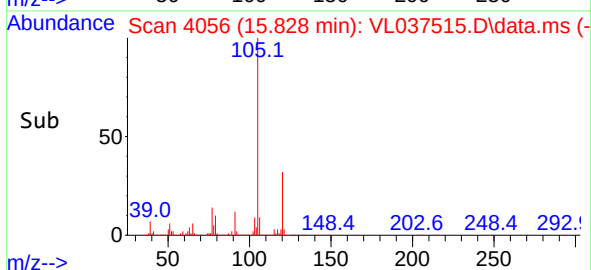
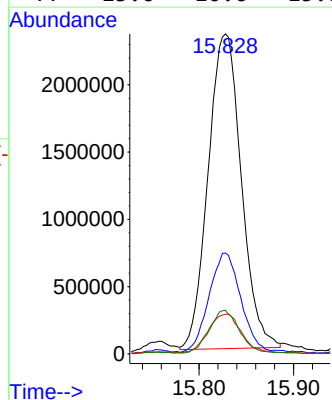
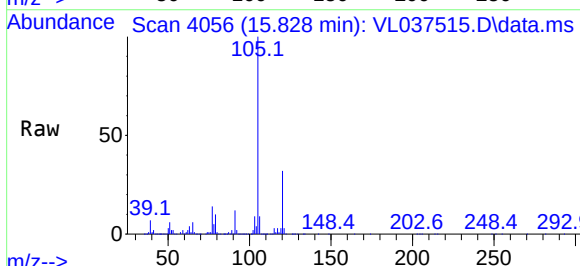
Manual Integrations
APPROVED

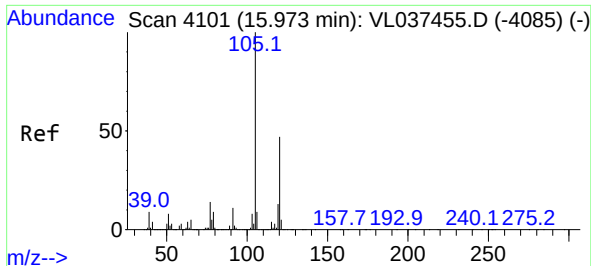
MMDadoda
9/10/2021 10:47:13 AM



#72
4-Ethyltoluene
Concen: 9.861 ppbv
RT: 15.828 min Scan# 4056
Delta R.T. 0.009 min
Lab File: VL037515.D
Acq: 3 Sep 2021 10:23

Tgt Ion: 105 Resp: 5700779
Ion Ratio Lower Upper
105 100
120 32.2 24.7 37.1
91 12.6 9.8 14.8
77 13.6 10.6 15.8





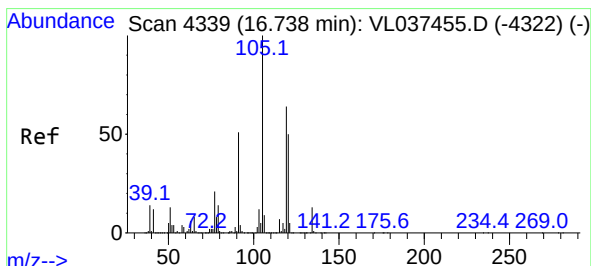
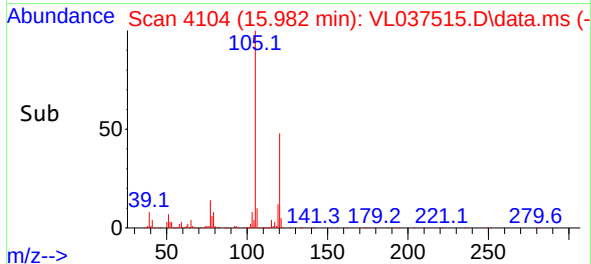
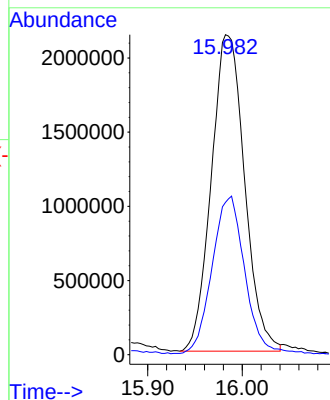
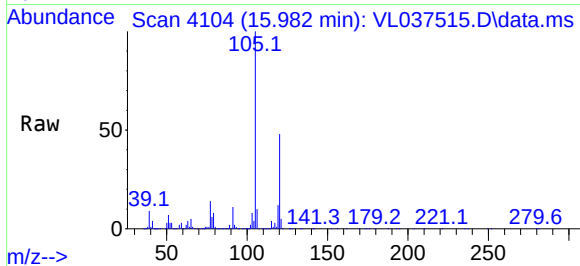
#73
1,3,5-Trimethylbenzene
Concen: 9.689 ppbv
RT: 15.982 min Scan# 4104
Delta R.T. 0.009 min
Lab File: VL037515.D
Acq: 3 Sep 2021 10:23

Tgt Ion:105 Resp: 5213987
Ion Ratio Lower Upper
105 100
120 47.8 37.6 56.4

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

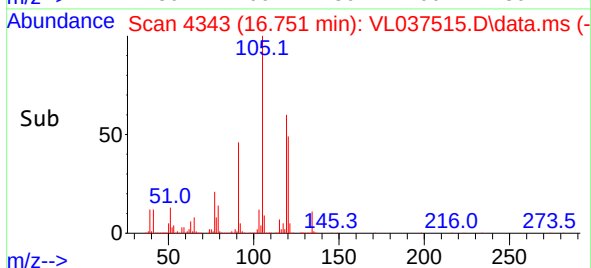
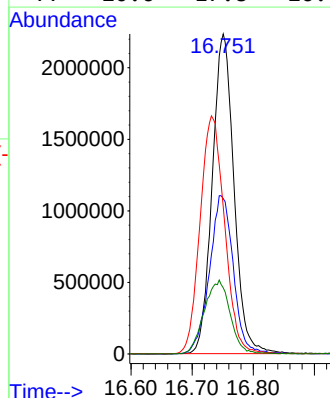
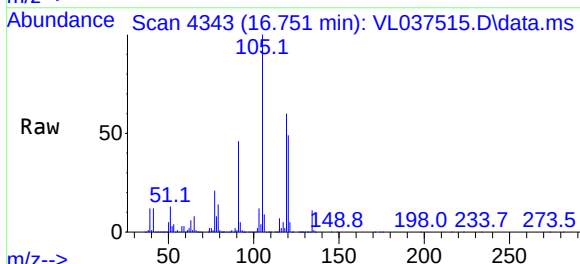
Manual Integrations
APPROVED

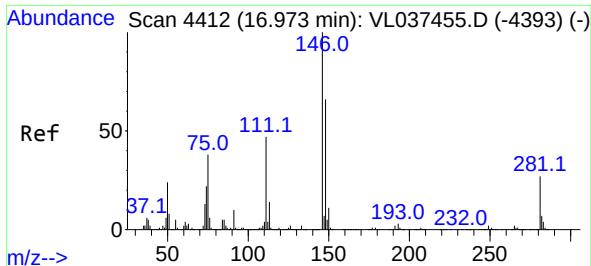
MMDadoda
9/10/2021 10:47:13 AM



#74
1,2,4-Trimethylbenzene
Concen: 9.626 ppbv
RT: 16.751 min Scan# 4343
Delta R.T. 0.013 min
Lab File: VL037515.D
Acq: 3 Sep 2021 10:23

Tgt Ion:105 Resp: 5504712
Ion Ratio Lower Upper
105 100
120 48.5 40.4 60.6
91 45.9 44.6 67.0
77 20.6 17.8 26.6





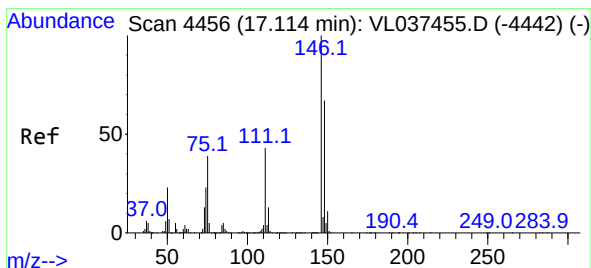
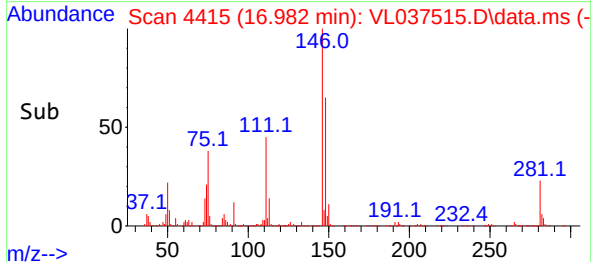
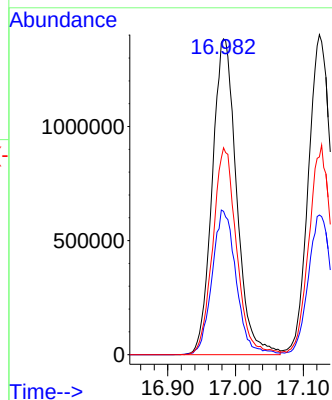
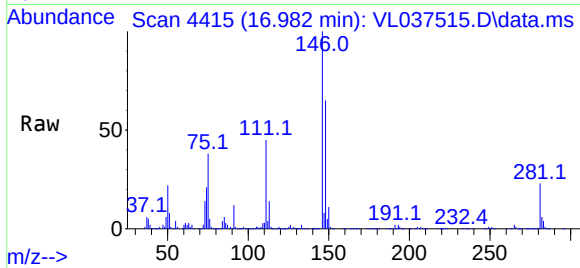
#75
1,3-Dichlorobenzene
Concen: 10.036 ppbv
RT: 16.982 min Scan# 4415
Delta R.T. 0.009 min
Lab File: VL037515.D
Acq: 3 Sep 2021 10:23

Tgt Ion:146 Resp: 3454249
Ion Ratio Lower Upper
146 100
111 45.3 23.4 70.0
148 64.1 33.1 99.5

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

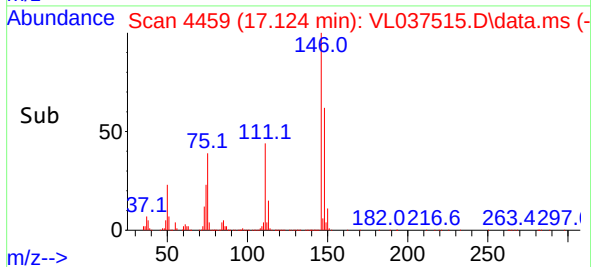
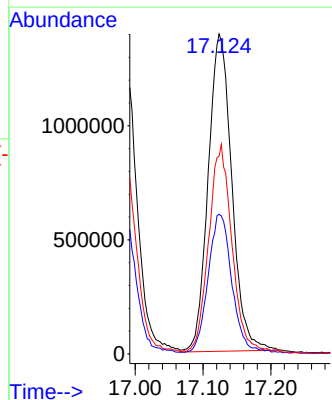
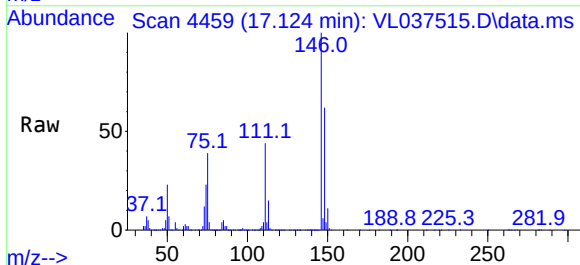
Manual Integrations
APPROVED

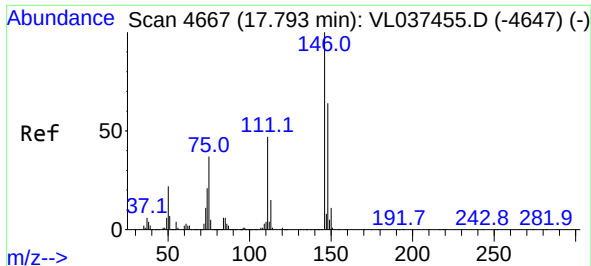
MMDadoda
9/10/2021 10:47:13 AM



#76
1,4-Dichlorobenzene
Concen: 9.724 ppbv
RT: 17.124 min Scan# 4459
Delta R.T. 0.009 min
Lab File: VL037515.D
Acq: 3 Sep 2021 10:23

Tgt Ion:146 Resp: 3371618
Ion Ratio Lower Upper
146 100
111 45.2 22.1 66.5
148 66.0 32.4 97.0





#77
1,2-Dichlorobenzene
Concen: 9.899 ppbv
RT: 17.802 min Scan# 4670
Delta R.T. 0.009 min
Lab File: VL037515.D
Acq: 3 Sep 2021 10:23

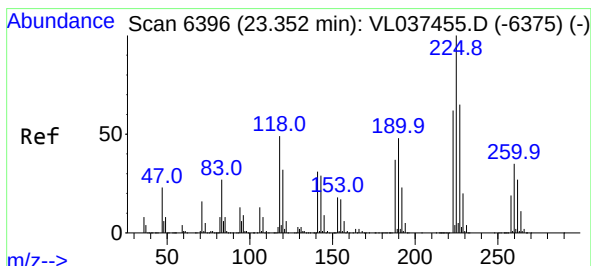
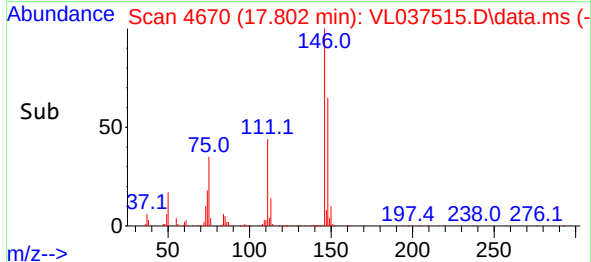
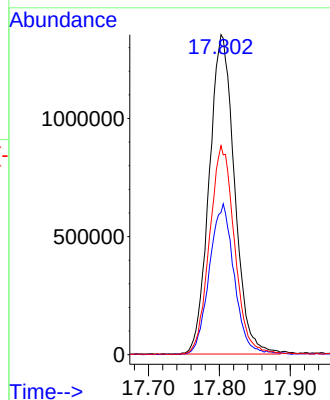
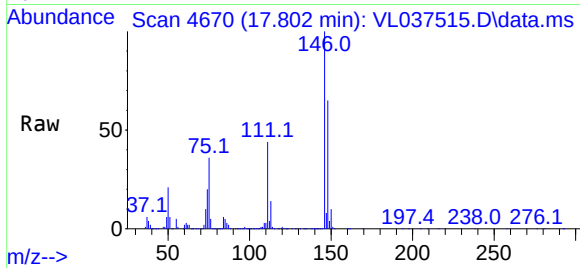
Tgt Ion:146 Resp: 3355028

Ion	Ratio	Lower	Upper
146	100		
111	46.5	23.4	70.3
148	64.9	32.5	97.5

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Manual Integrations
APPROVED

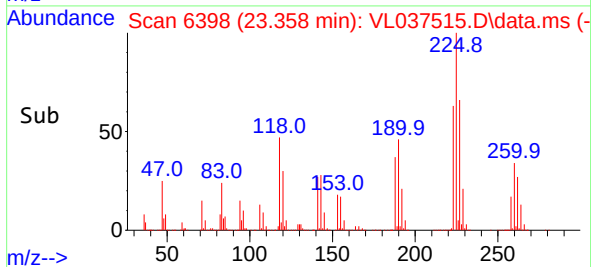
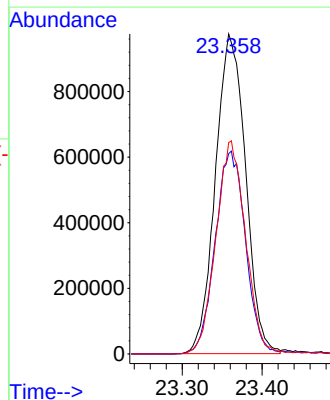
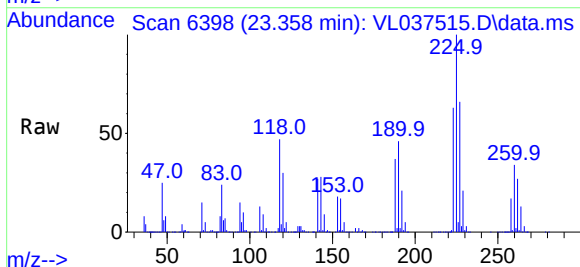
MMDadoda
9/10/2021 10:47:13 AM

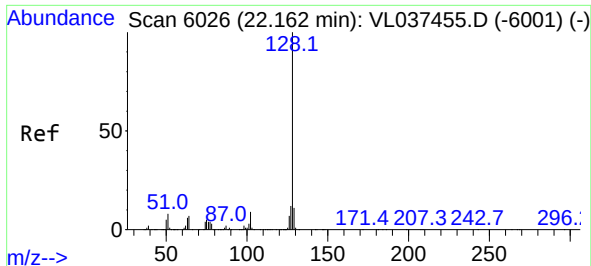


#78
Hexachloro-1,3-Butadiene
Concen: 9.042 ppbv
RT: 23.358 min Scan# 6398
Delta R.T. 0.006 min
Lab File: VL037515.D
Acq: 3 Sep 2021 10:23

Tgt Ion:225 Resp: 2548072

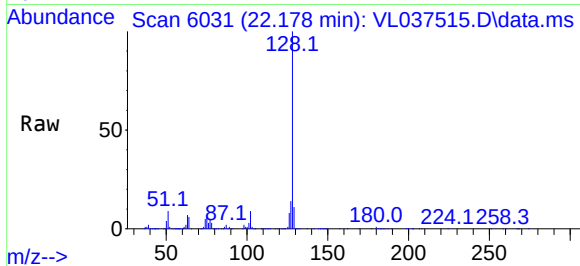
Ion	Ratio	Lower	Upper
225	100		
223	64.5	51.4	77.0
227	66.0	52.9	79.3





#79
Naphthalene
Concen: 11.589 ppbv
RT: 22.178 min Scan# 6031
Delta R.T. 0.016 min
Lab File: VL037515.D
Acq: 3 Sep 2021 10:23

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

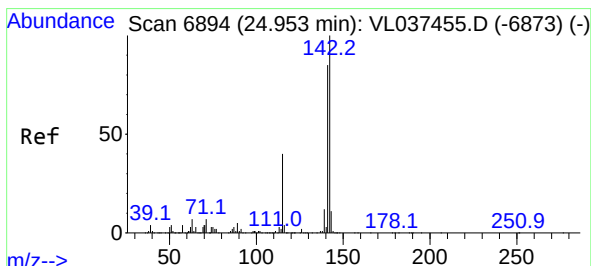
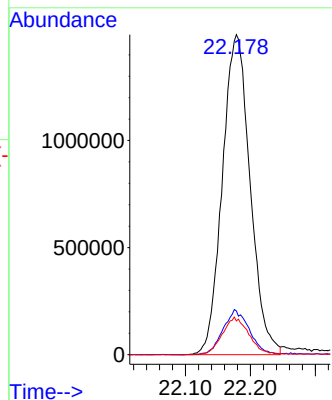
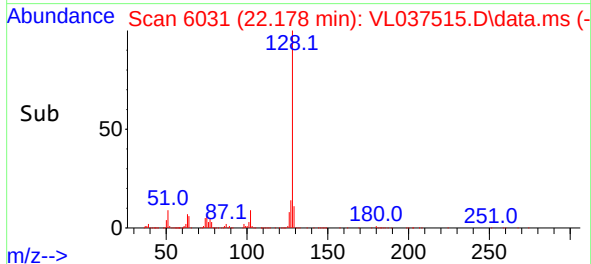


Tgt Ion:128 Resp: 4434672

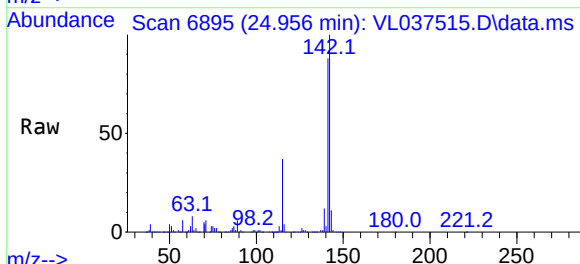
Ion	Ratio	Lower	Upper
128	100		
127	13.7	9.4	14.2
129	10.5	8.8	13.2

Manual Integrations
APPROVED

MMDadoda
9/10/2021 10:47:13 AM

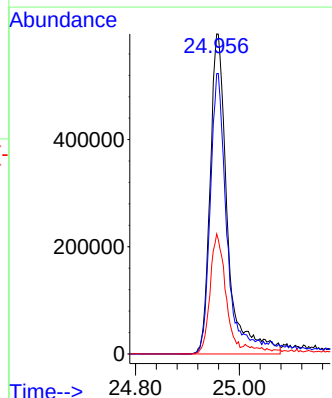
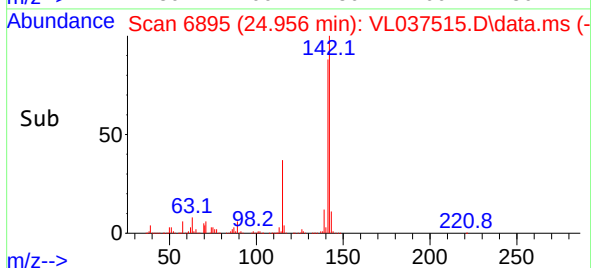


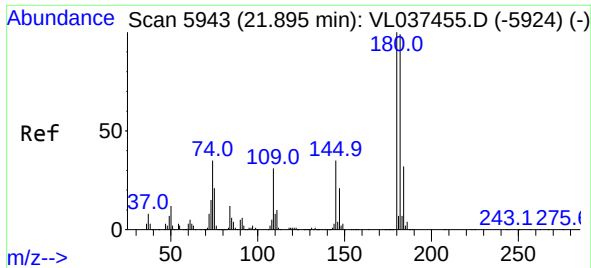
#80
Naphthalene,2-methyl-
Concen: 12.968 ppbv
RT: 24.956 min Scan# 6895
Delta R.T. 0.003 min
Lab File: VL037515.D
Acq: 3 Sep 2021 10:23



Tgt Ion:142 Resp: 1382543

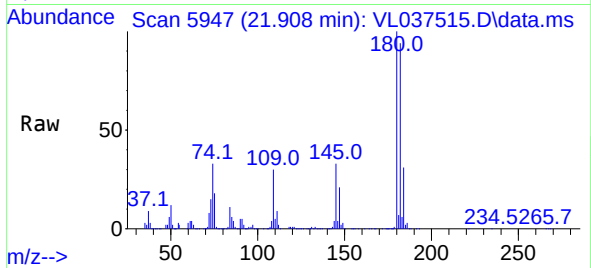
Ion	Ratio	Lower	Upper
142	100		
141	89.5	64.7	97.1
115	38.9	28.4	42.6





#81
 1,2,4-Trichlorobenzene
 Concen: 11.083 ppbv
 RT: 21.908 min Scan# 5947
 Delta R.T. 0.013 min
 Lab File: VL037515.D
 Acq: 3 Sep 2021 10:23

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010



Tgt Ion:180 Resp: 2661364

Ion	Ratio	Lower	Upper
180	100		
182	96.1	79.6	119.4
184	31.4	25.4	38.2

Manual Integrations
 APPROVED

MMDadoda
 9/10/2021 10:47:13 AM

