

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL012021\
 Data File : VL036259.D
 Acq On : 20 Jan 2021 23:21
 Operator : SY/AP
 Sample : VSTDCCC010
 Misc : 400ml/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC

Manual Integrations
 APPROVED

MMDadoda
 1/21/2021 6:36:18 PM

Quant Time: Jan 21 01:36:43 2021

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL011321AIR.M

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Thu Jan 14 16:13:38 2021

QLast Update : Thu Jan 14 16:13:38 2021

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.664	49	1404108	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.176	114	3107568	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.085	117	2954440	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene 14.417 95 2490869 10.19 ppbv 0.00
 Spiked Amount 10.000 Range 65 - 135 Recovery = 101.90%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	3.044	85	1934566	10.28	ppbv	99
3) Chlorodifluoromethane	2.980	51	1734902	10.06	ppbv	98
4) Chloromethane	3.134	50	827975	9.71	ppbv	93
5) Vinyl Chloride	3.253	62	813799	10.09	ppbv	99
6) Bromomethane	3.468	94	463157	10.27	ppbv	98
7) Chloroethane	3.552	64	272931	9.83	ppbv	96
8) Dichlorotetrafluoroethane	3.182	85	1867265	10.24	ppbv	97
9) Propene	3.002	41	745269	9.08	ppbv	99
10) Heptane	8.118	43	1940789	9.52	ppbv	98
11) Trichlorofluoromethane	3.944	101	1917619	10.02	ppbv	98
12) 1,1,2-Trichlorotrifluo...	4.478	101	1202965	10.37	ppbv	98
13) Ethanol	3.603	45	112272m	8.71	ppbv	
14) Bromoethene	3.735	108	513759	9.73	ppbv	99
15) Acetone	3.845	43	1553609	9.03	ppbv	97
16) 1,3-Butadiene	3.321	39	825086	9.85	ppbv	99
17) tert-Butyl alcohol	4.285	59	1335705	9.41	ppbv	99
18) 1,1-Dichloroethene	4.282	96	536157	9.97	ppbv	98
19) Isopropyl Alcohol	3.964	45	932897	9.00	ppbv	99
20) Methylene Chloride	4.340	84	463488	8.44	ppbv	96
21) Allyl Chloride	4.407	41	936971	10.01	ppbv	95
22) trans-1,2-Dichloroethene	4.880	96	490812	9.88	ppbv	98
23) Vinyl Acetate	5.070	43	2058731	9.88	ppbv	98
24) 1,1-Dichloroethane	5.005	63	1527640	10.12	ppbv	100
25) Ethyl Acetate	5.674	43	3273712	9.48	ppbv	99
26) Hexane	5.684	57	1333407	9.28	ppbv	99
27) Carbon Disulfide	4.546	76	1297327	11.29	ppbv	100
28) Methyl tert-Butyl Ether	5.031	73	1832813	9.43	ppbv	97
29) Chloroform	5.751	83	2107312	10.24	ppbv	95
30) Cyclohexane	7.124	84	1105522	10.06	ppbv	99
31) cis-1,2-Dichloroethene	5.546	61	1390460	10.12	ppbv	96
32) 1,1,1-Trichloroethane	6.510	97	2076313	10.43	ppbv	100
34) 2-Butanone	5.240	43	2097724	9.17	ppbv	100
35) Carbon Tetrachloride	7.015	117	2089446	10.64	ppbv	97
36) Benzene	6.890	78	2751327	9.66	ppbv	99
37) 1,2-Dichloroethane	6.304	62	1770874	10.34	ppbv	100
38) Trichloroethene	7.832	130	902161	8.55	ppbv	97
39) 1,2-Dichloropropane	7.613	63	1111747	9.62	ppbv	96
40) 1,4-Dioxane	7.828	88	369323	8.83	ppbv #	89
41) Tetrahydrofuran	6.044	42	1246040	9.42	ppbv	98
42) Bromodichloromethane	7.790	83	2281263	10.59	ppbv	95
43) Methyl Methacrylate	8.008	69	1225857	10.13	ppbv	97
44) 2,2,4-Trimethylpentane	7.867	57	4755436	9.09	ppbv	99
45) t-1,3-Dichloropropene	9.278	75	1300233	11.31	ppbv	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL012021\
 Data File : VL036259.D
 Acq On : 20 Jan 2021 23:21
 Operator : SY/AP
 Sample : VSTDCCC010
 Misc : 400ml/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC

Manual Integrations
 APPROVED

MMDadoda
 1/21/2021 6:36:18 PM

Quant Time: Jan 21 01:36:43 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL011321AIR.M
 Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Thu Jan 14 16:13:38 2021
 QLast Update : Thu Jan 14 16:13:38 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.703	75	1574368	10.66	ppbv	97
47) 1,1,2-Trichloroethane	9.475	97	1055350	9.54	ppbv	96
48) Dibromochloromethane	10.304	129	1691976	10.46	ppbv	100
49) Bromoform	13.040	173	1309748	9.70	ppbv	99
50) 4-Methyl-2-Pentanone	8.738	43	3233657	9.48	ppbv	100
51) 2-Hexanone	10.134	43	2625283	9.75	ppbv #	99
52) Tetrachloroethene	11.224	164	855917	8.16	ppbv	99
53) Toluene	9.803	91	3014585	9.46	ppbv	100
54) 1,2-Dibromoethane	10.613	107	1541490	9.40	ppbv	98
56) 1,1,1,2-Tetrachloroethane	12.127	131	1261630	9.57	ppbv	99
57) Chlorobenzene	12.147	112	2047311	8.83	ppbv	98
58) Ethyl Benzene	12.709	91	3990608	9.10	ppbv	96
59) m/p-Xylene	12.995	91	6722242m	17.84	ppbv	
60) o-Xylene	13.693	91	3151119	8.68	ppbv	97
61) Styrene	13.529	104	2153801	9.39	ppbv	99
62) Isopropylbenzene	14.667	105	4594840	8.51	ppbv	100
63) 1,1,2,2-Tetrachloroethane	13.677	83	2128426	7.87	ppbv	99
64) n-propylbenzene	15.564	120	1156777	8.72	ppbv	95
65) tert-Butylbenzene	16.748	119	3808045	8.32	ppbv	99
66) Benzyl Chloride	16.992	91	1167423	9.99	ppbv	99
67) sec-Butylbenzene	17.294	105	5524773	8.14	ppbv	100
69) p-Isopropyltoluene	17.654	119	4530871	8.41	ppbv	99
70) n-Butylbenzene	18.551	91	4973791	8.67	ppbv	99
71) 2-Chlorotoluene	15.455	91	3578074	8.43	ppbv	99
72) 4-Ethyltoluene	15.841	105	3523428	8.60	ppbv	99
73) 1,3,5-Trimethylbenzene	15.998	105	3328030	8.52	ppbv	100
74) 1,2,4-Trimethylbenzene	16.767	105	3379576	8.43	ppbv	97
75) 1,3-Dichlorobenzene	16.998	146	1779546	8.28	ppbv	99
76) 1,4-Dichlorobenzene	17.140	146	1754283	8.26	ppbv	99
77) 1,2-Dichlorobenzene	17.818	146	1794317	8.55	ppbv	99
78) Hexachloro-1,3-Butadiene	23.378	225	1727776	10.29	ppbv	99
79) Naphthalene	22.198	128	3523418	15.04	ppbv	96
80) Naphthalene,2-methyl-	24.976	142	821329	16.43	ppbv	98
81) 1,2,4-Trichlorobenzene	21.924	180	1753711m	12.83	ppbv	

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL012021\
Data File : VL036259.D
Acq On : 20 Jan 2021 23:21
Operator : SY/AP
Sample : VSTDCCC010
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Manual Integrations
APPROVED

MMDadoda
1/21/2021 6:36:18 PM

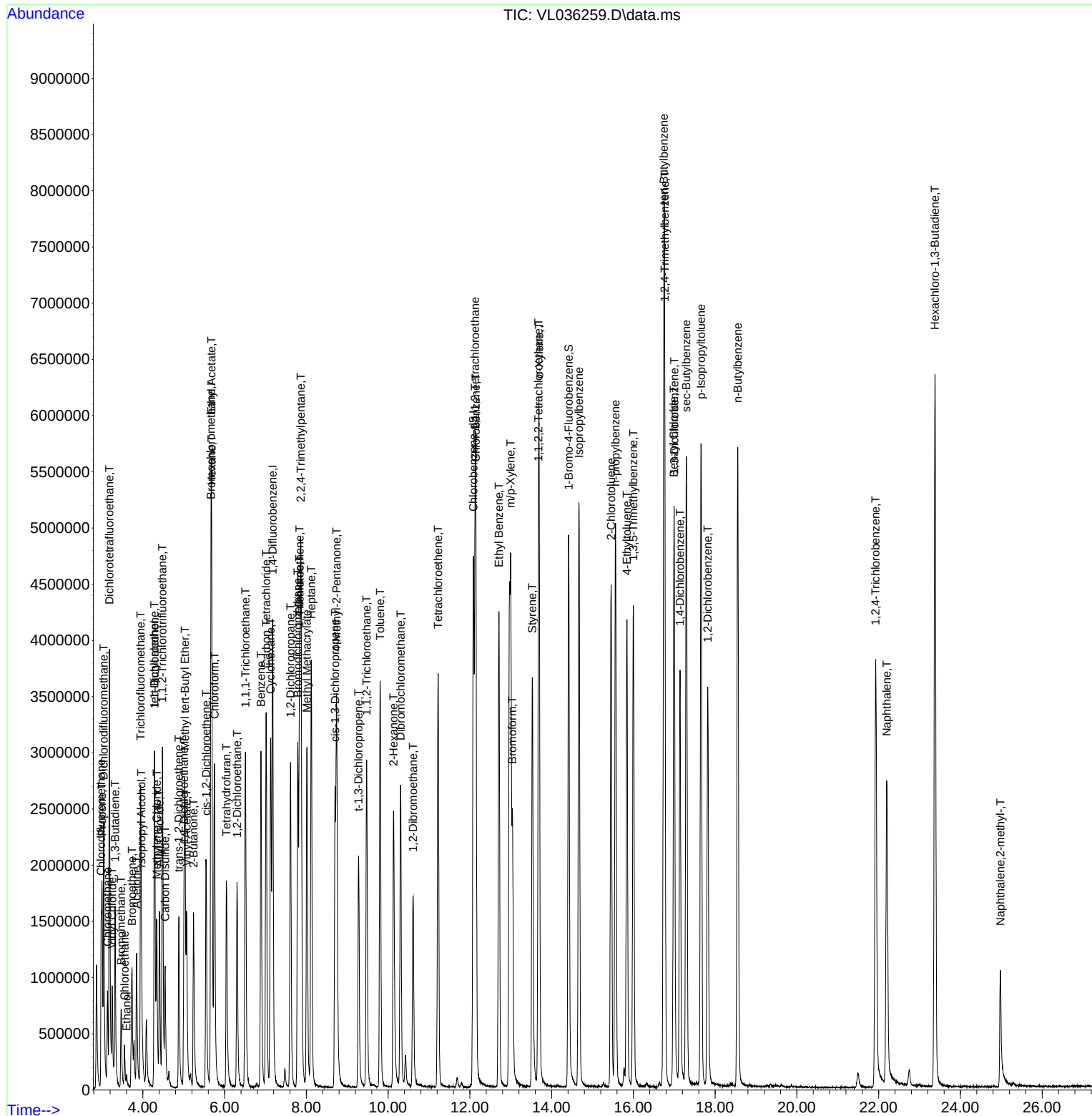
Quant Time: Jan 21 01:36:43 2021

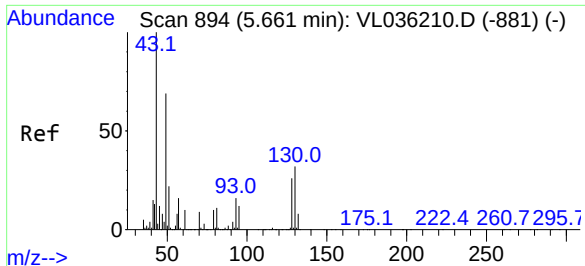
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL011321AIR.M

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Thu Jan 14 16:13:38 2021

QLast Update : Thu Jan 14 16:13:38 2021

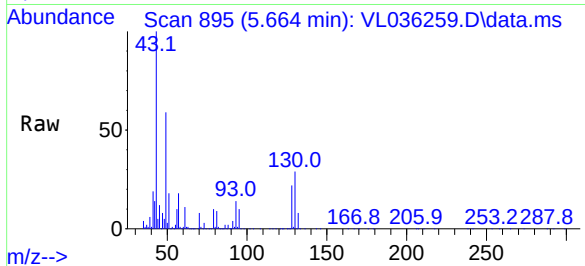
Response via : Initial Calibration





#1
Bromochloromethane
Concen: 10.00 ppbv
RT: 5.664 min Scan# 895
Delta R.T. 0.003 min
Lab File: VL036259.D
Acq: 20 Jan 2021 23:21

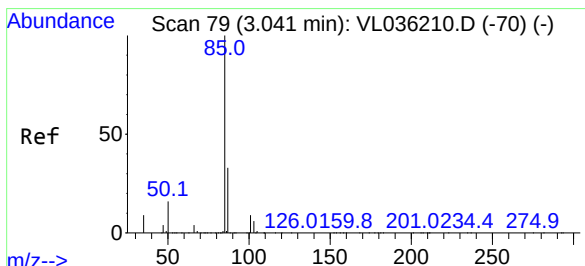
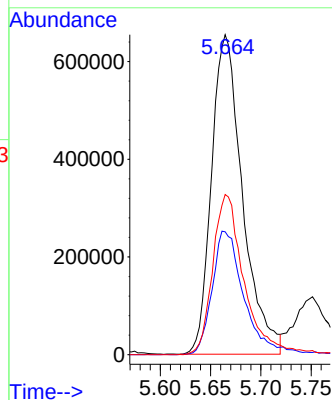
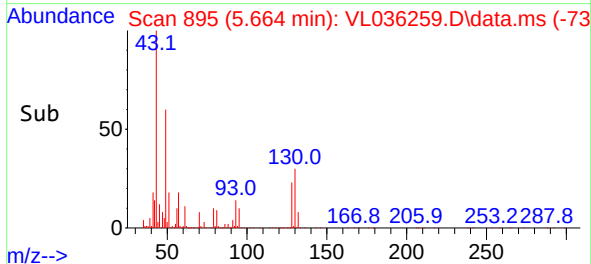
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



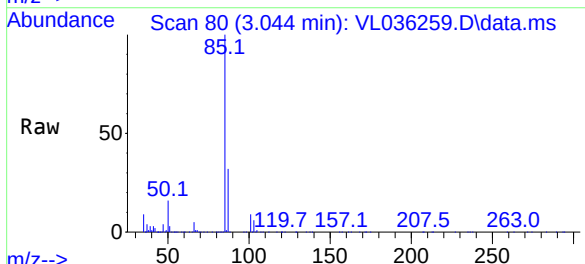
Tgt Ion: 49 Resp: 1404108
Ion Ratio Lower Upper
49 100
128 40.1 20.1 60.2
130 51.4 25.3 75.9

Manual Integrations
APPROVED

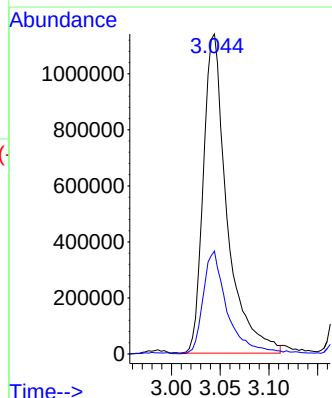
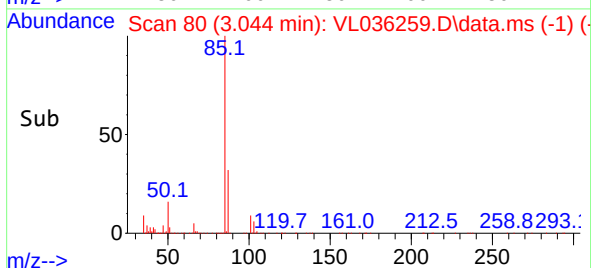
MMDadoda
1/21/2021 6:36:18 PM

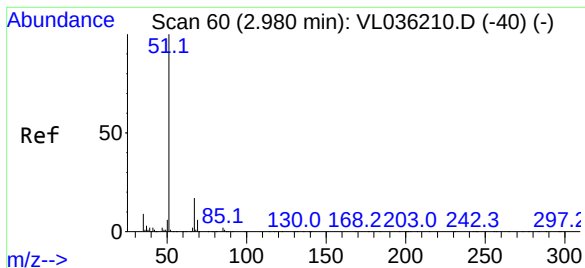


#2
Dichlorodifluoromethane
Concen: 10.28 ppbv
RT: 3.044 min Scan# 80
Delta R.T. 0.003 min
Lab File: VL036259.D
Acq: 20 Jan 2021 23:21



Tgt Ion: 85 Resp: 1934566
Ion Ratio Lower Upper
85 100
87 32.2 26.4 39.6





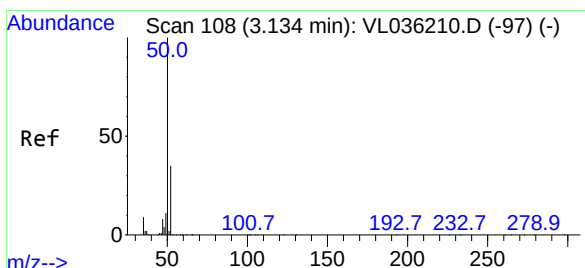
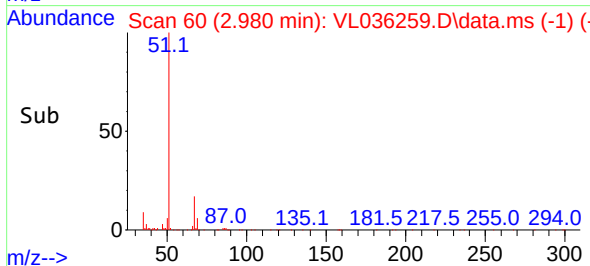
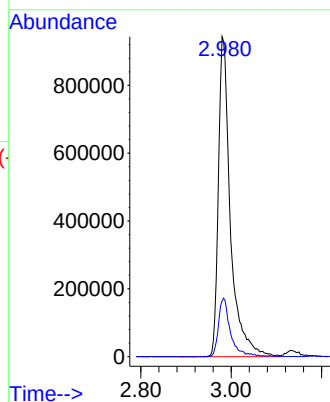
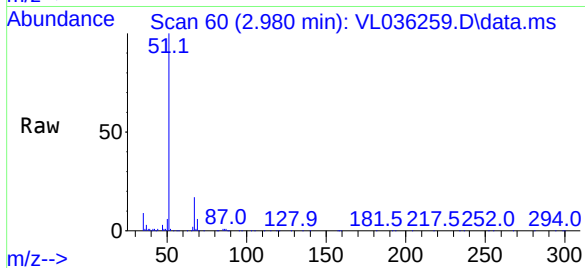
#3
Chlorodifluoromethane
Concen: 10.06 ppbv
RT: 2.980 min Scan# 60
Delta R.T. -0.000 min
Lab File: VL036259.D
Acq: 20 Jan 2021 23:21

Tgt Ion: 51 Resp: 1734902
Ion Ratio Lower Upper
51 100
67 18.5 14.0 21.0

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

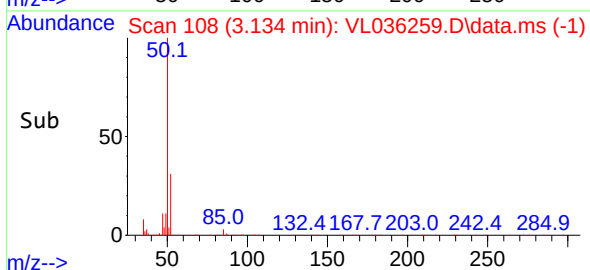
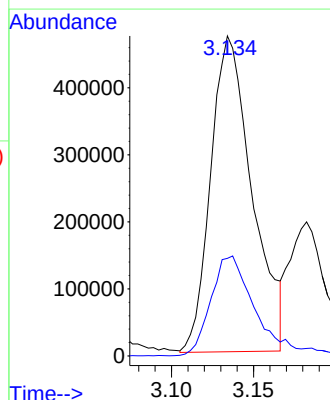
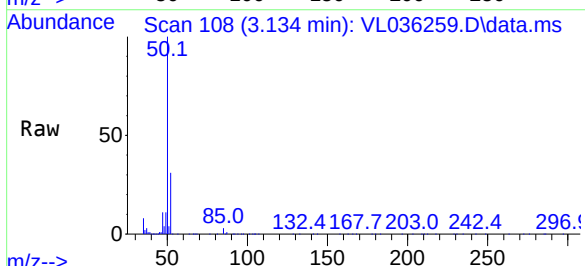
Manual Integrations
APPROVED

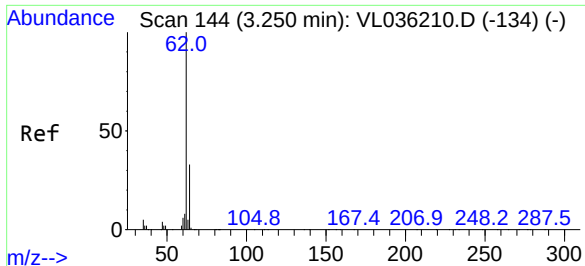
MMDadoda
1/21/2021 6:36:18 PM



#4
Chloromethane
Concen: 9.71 ppbv
RT: 3.134 min Scan# 108
Delta R.T. -0.000 min
Lab File: VL036259.D
Acq: 20 Jan 2021 23:21

Tgt Ion: 50 Resp: 827975
Ion Ratio Lower Upper
50 100
52 30.8 27.8 41.8





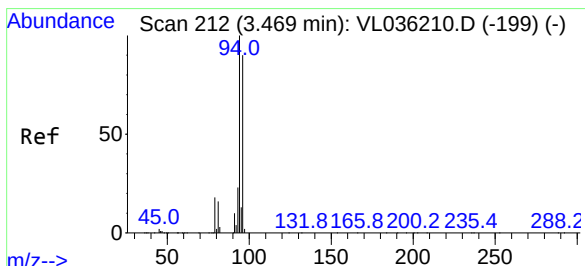
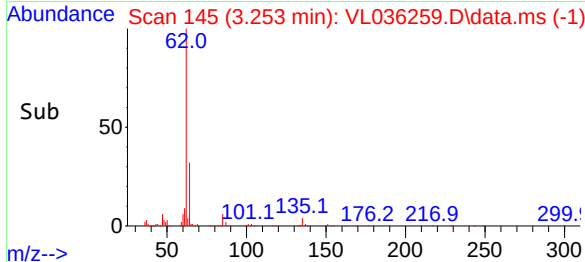
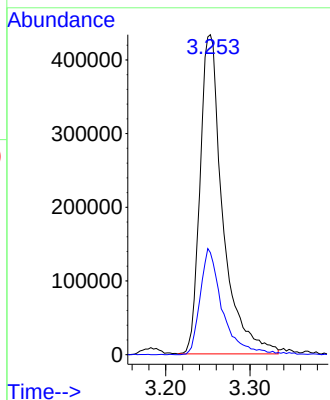
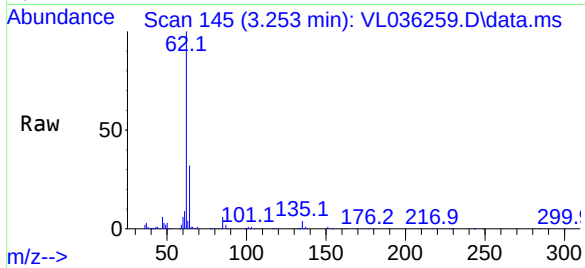
#5
 Vinyl Chloride
 Concen: 10.09 ppbv
 RT: 3.253 min Scan# 145
 Delta R.T. 0.003 min
 Lab File: VL036259.D
 Acq: 20 Jan 2021 23:21

Tgt Ion: 62 Resp: 813799
 Ion Ratio Lower Upper
 62 100
 64 32.0 26.2 39.2

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC

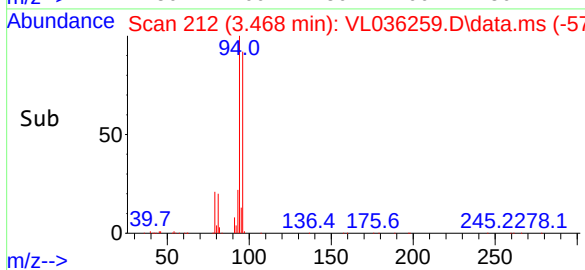
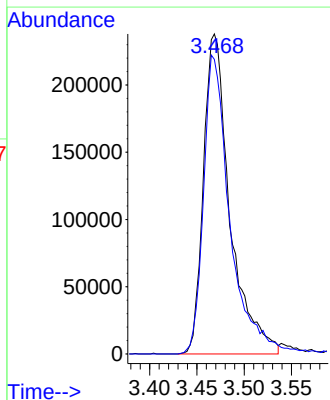
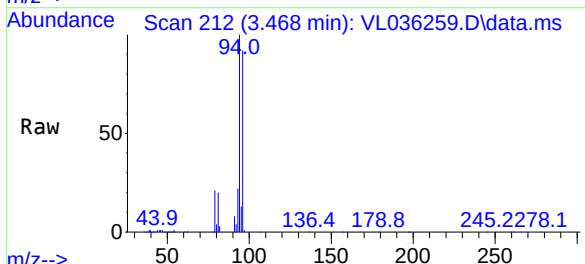
Manual Integrations
 APPROVED

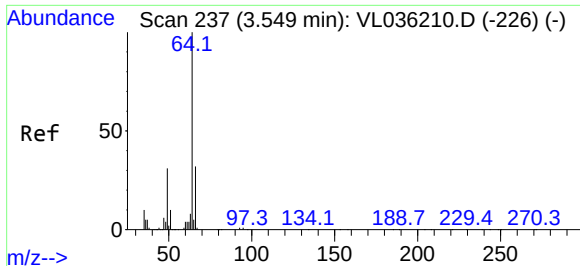
MMDadoda
 1/21/2021 6:36:18 PM



#6
 Bromomethane
 Concen: 10.27 ppbv
 RT: 3.468 min Scan# 212
 Delta R.T. -0.000 min
 Lab File: VL036259.D
 Acq: 20 Jan 2021 23:21

Tgt Ion: 94 Resp: 463157
 Ion Ratio Lower Upper
 94 100
 96 92.1 71.9 107.9





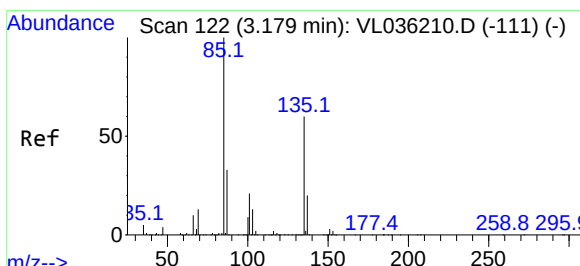
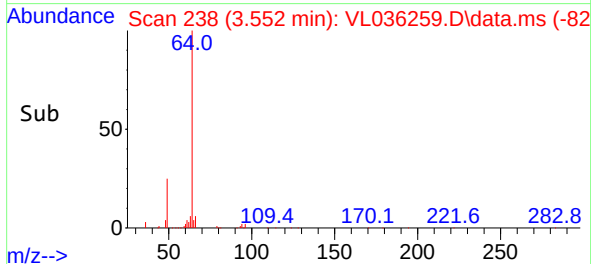
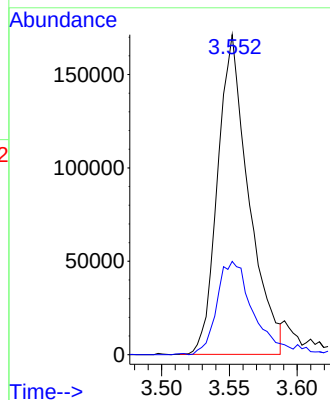
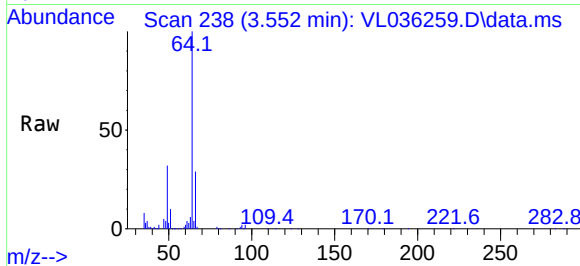
#7
Chloroethane
Concen: 9.83 ppbv
RT: 3.552 min Scan# 238
Delta R.T. 0.003 min
Lab File: VL036259.D
Acq: 20 Jan 2021 23:21

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 64 Resp: 272931
Ion Ratio Lower Upper
64 100
66 29.1 25.2 37.8

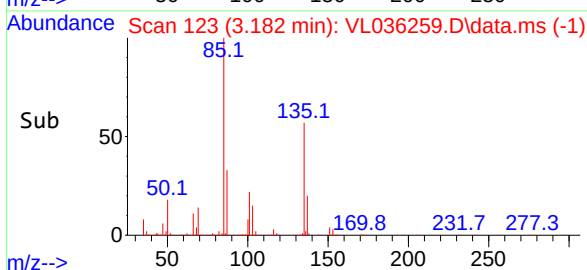
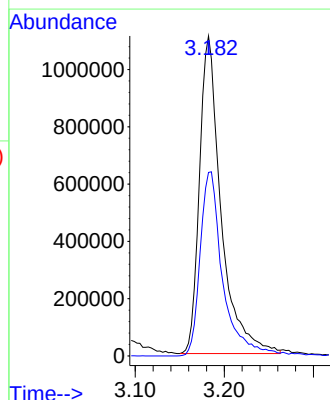
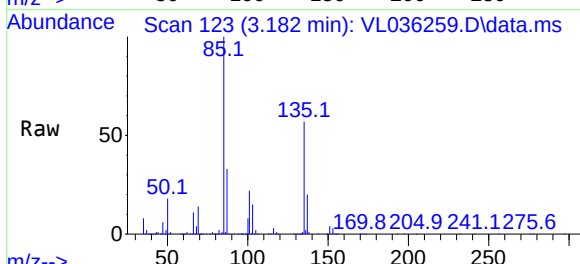
Manual Integrations
APPROVED

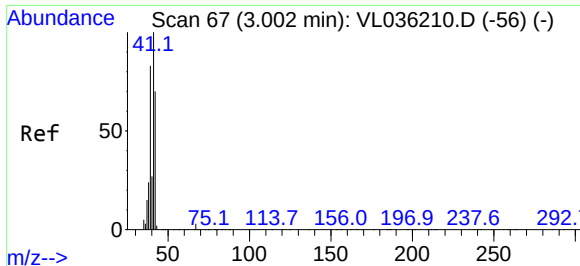
MMDadoda
1/21/2021 6:36:18 PM



#8
Dichlorotetrafluoroethane
Concen: 10.24 ppbv
RT: 3.182 min Scan# 123
Delta R.T. 0.003 min
Lab File: VL036259.D
Acq: 20 Jan 2021 23:21

Tgt Ion: 85 Resp: 1867265
Ion Ratio Lower Upper
85 100
135 61.7 51.5 77.3





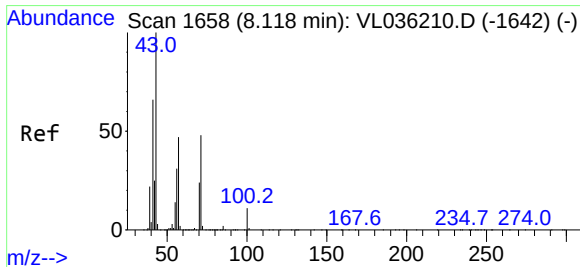
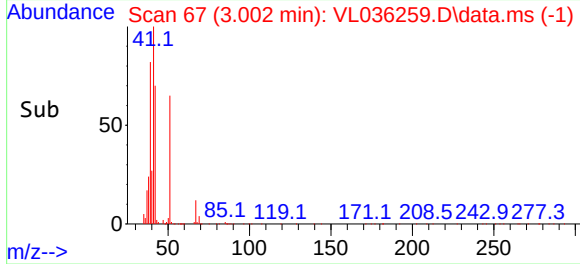
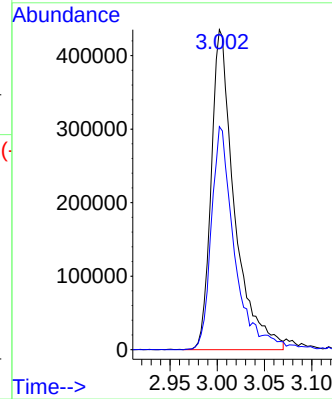
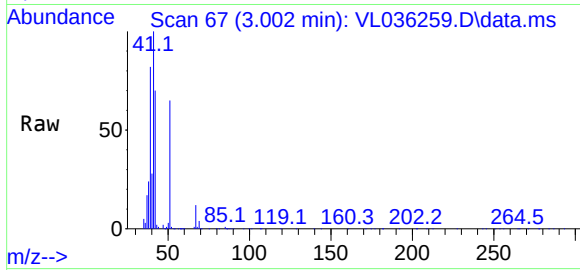
#9
Propene
Concen: 9.08 ppbv
RT: 3.002 min Scan# 67
Delta R.T. -0.000 min
Lab File: VL036259.D
Acq: 20 Jan 2021 23:21

Tgt Ion: 41 Resp: 745269
Ion Ratio Lower Upper
41 100
42 71.0 57.1 85.7

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

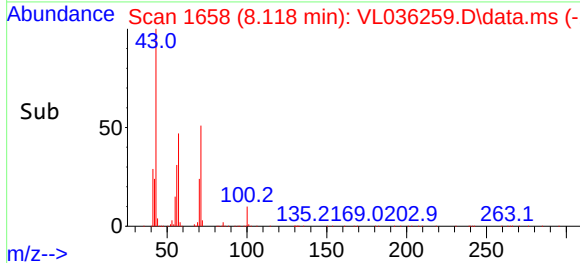
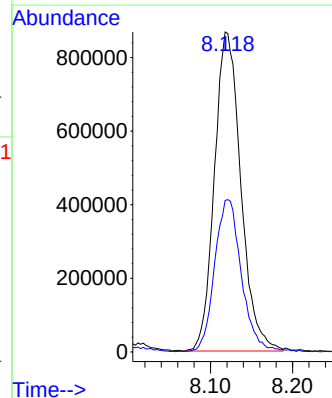
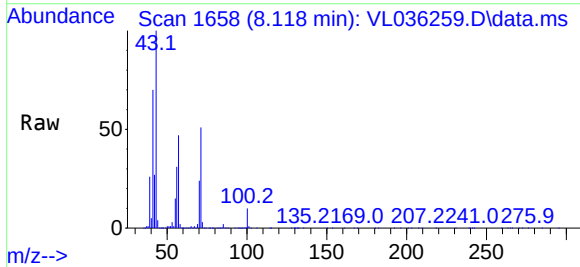
Manual Integrations
APPROVED

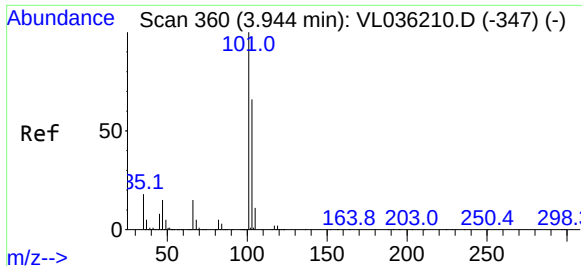
MMDadoda
1/21/2021 6:36:18 PM



#10
Heptane
Concen: 9.52 ppbv
RT: 8.118 min Scan# 1658
Delta R.T. -0.000 min
Lab File: VL036259.D
Acq: 20 Jan 2021 23:21

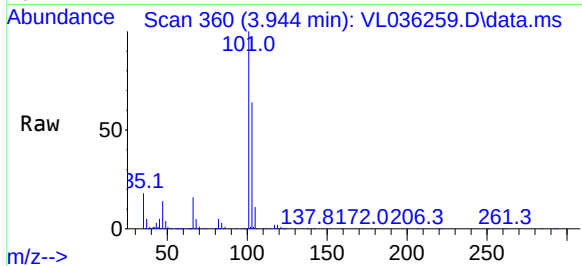
Tgt Ion: 43 Resp: 1940789
Ion Ratio Lower Upper
43 100
57 48.7 38.1 57.1





#11
Trichlorofluoromethane
Concen: 10.02 ppbv
RT: 3.944 min Scan# 360
Delta R.T. -0.000 min
Lab File: VL036259.D
Acq: 20 Jan 2021 23:21

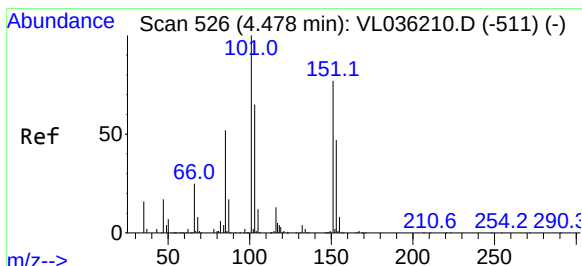
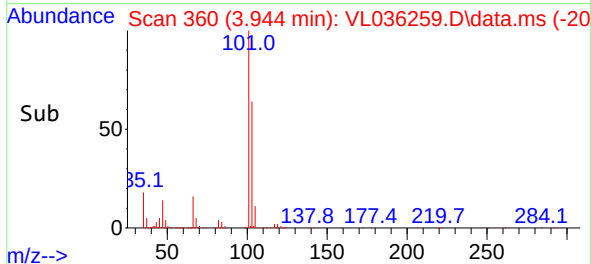
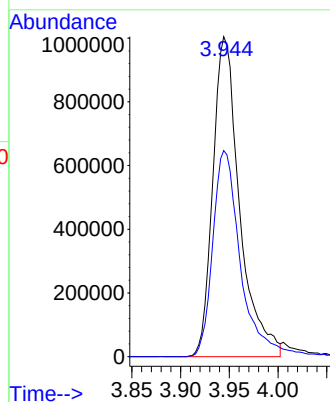
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



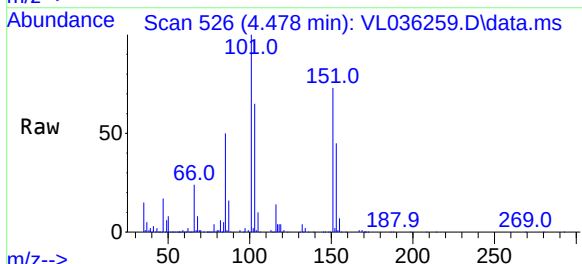
Tgt Ion:101 Resp: 1917619
Ion Ratio Lower Upper
101 100
103 64.4 52.6 78.8

Manual Integrations
APPROVED

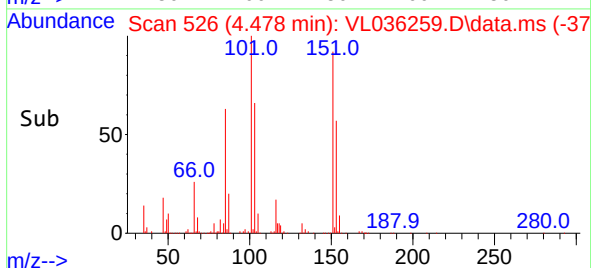
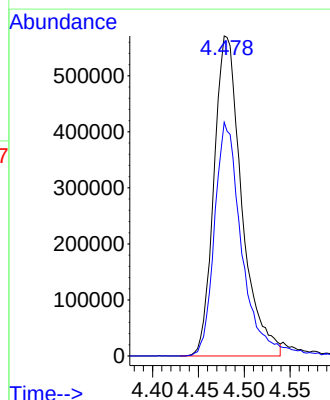
MMDadoda
1/21/2021 6:36:18 PM

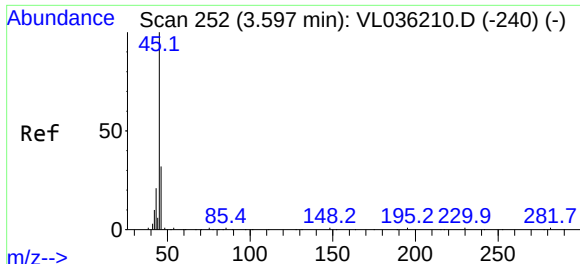


#12
1,1,2-Trichlorotrifluoroethane
Concen: 10.37 ppbv
RT: 4.478 min Scan# 526
Delta R.T. -0.000 min
Lab File: VL036259.D
Acq: 20 Jan 2021 23:21



Tgt Ion:101 Resp: 1202965
Ion Ratio Lower Upper
101 100
151 72.7 59.8 89.6





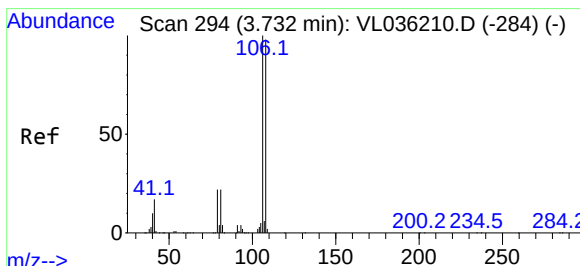
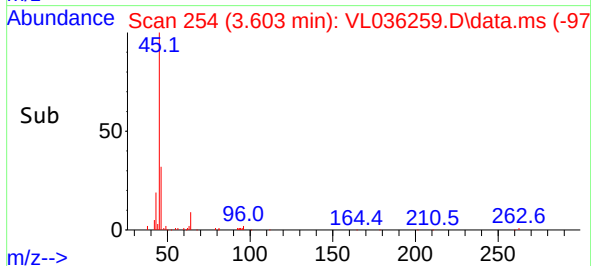
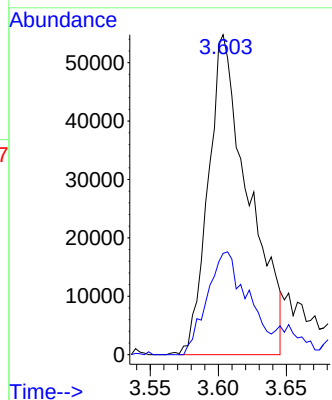
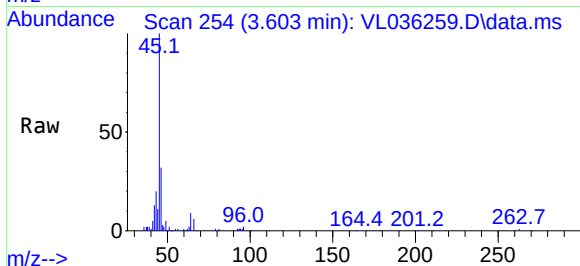
#13
Ethanol
Concen: 8.71 ppbv m
RT: 3.603 min Scan# 254
Delta R.T. 0.006 min
Lab File: VL036259.D
Acq: 20 Jan 2021 23:21

Tgt Ion: 45 Resp: 112272
Ion Ratio Lower Upper
45 100
46 44.2 19.2 77.0

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

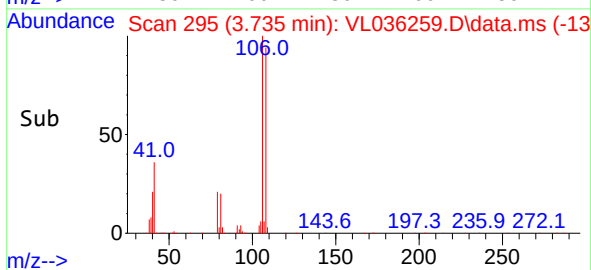
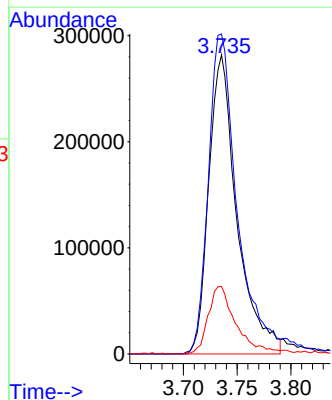
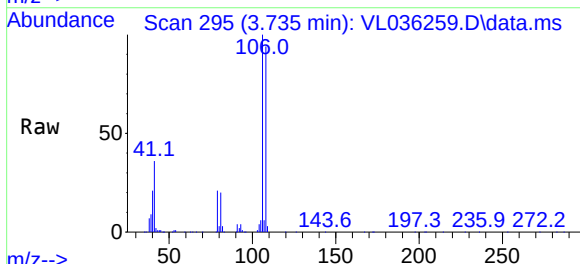
Manual Integrations
APPROVED

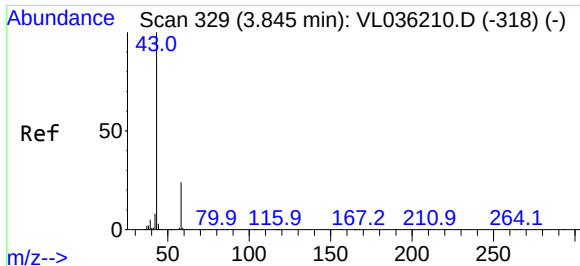
MMDadoda
1/21/2021 6:36:18 PM



#14
Bromoethene
Concen: 9.73 ppbv
RT: 3.735 min Scan# 295
Delta R.T. 0.003 min
Lab File: VL036259.D
Acq: 20 Jan 2021 23:21

Tgt Ion: 108 Resp: 513759
Ion Ratio Lower Upper
108 100
106 113.6 91.4 137.2
79 22.8 18.3 27.5





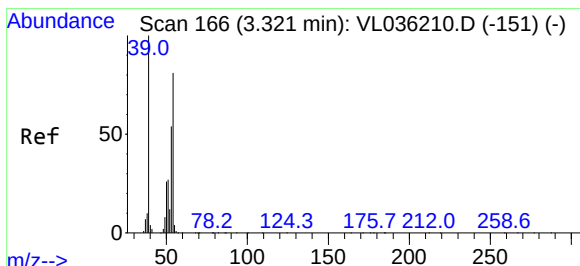
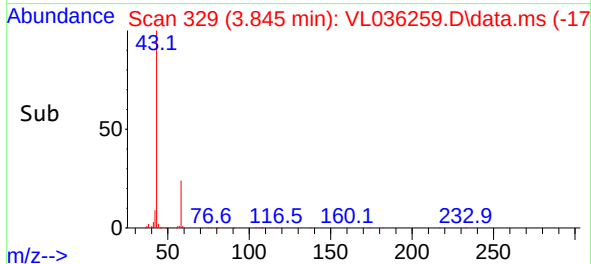
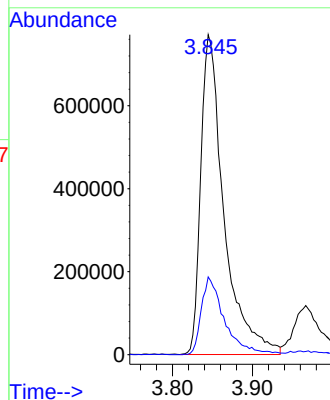
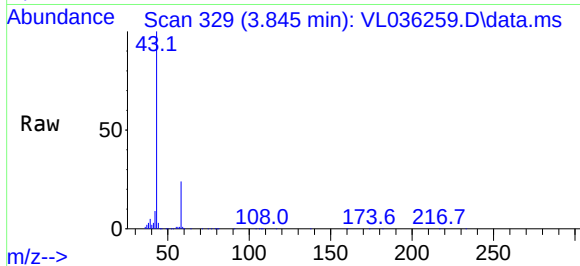
#15
Acetone
Concen: 9.03 ppbv
RT: 3.845 min Scan# 329
Delta R.T. -0.000 min
Lab File: VL036259.D
Acq: 20 Jan 2021 23:21

Tgt Ion: 43 Resp: 1553609
Ion Ratio Lower Upper
43 100
58 24.4 20.9 31.3

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

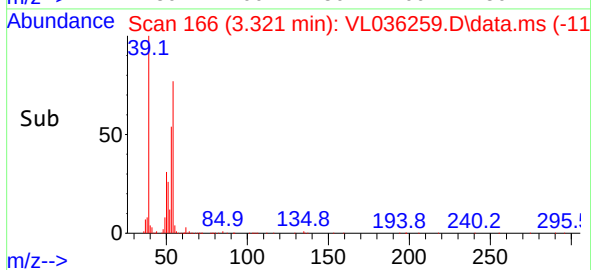
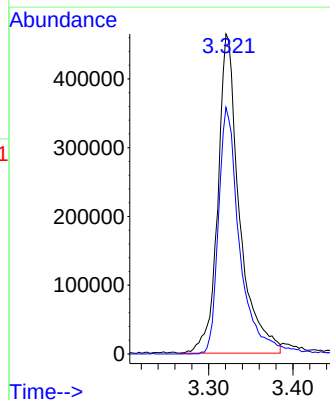
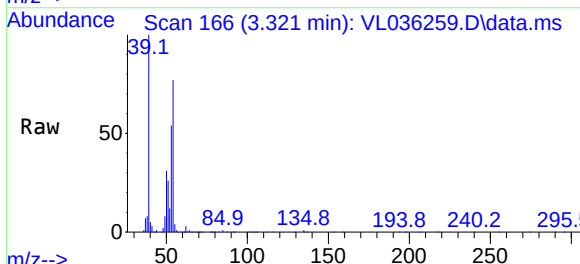
Manual Integrations
APPROVED

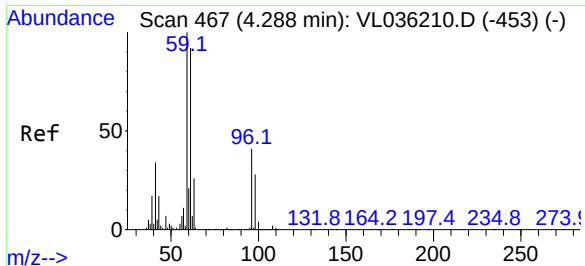
MMDadoda
1/21/2021 6:36:18 PM



#16
1,3-Butadiene
Concen: 9.85 ppbv
RT: 3.321 min Scan# 166
Delta R.T. -0.000 min
Lab File: VL036259.D
Acq: 20 Jan 2021 23:21

Tgt Ion: 39 Resp: 825086
Ion Ratio Lower Upper
39 100
54 77.3 62.5 93.7





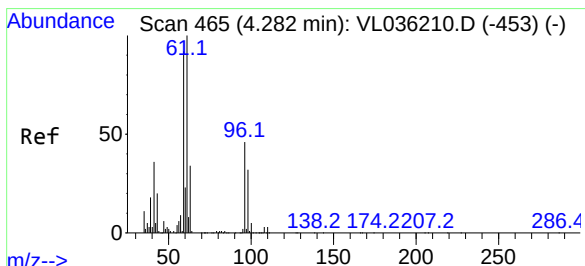
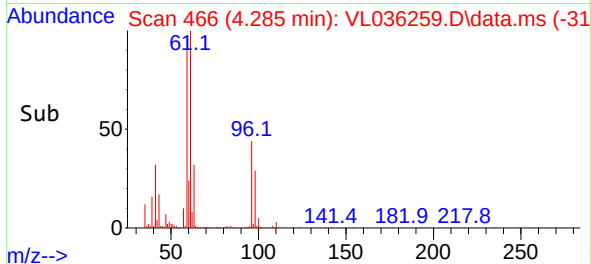
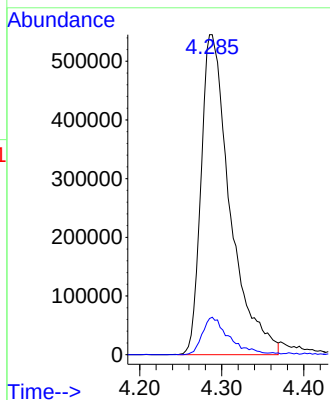
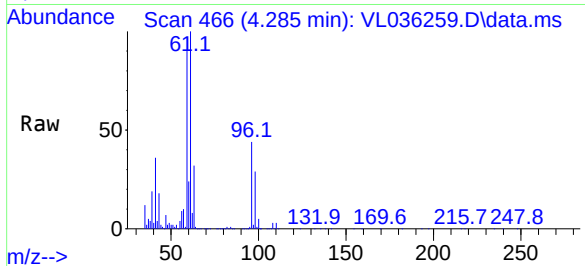
#17
tert-Butyl alcohol
Concen: 9.41 ppbv
RT: 4.285 min Scan# 466
Delta R.T. -0.003 min
Lab File: VL036259.D
Acq: 20 Jan 2021 23:21

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 59 Resp: 1335705
Ion Ratio Lower Upper
59 100
57 11.1 9.2 13.8

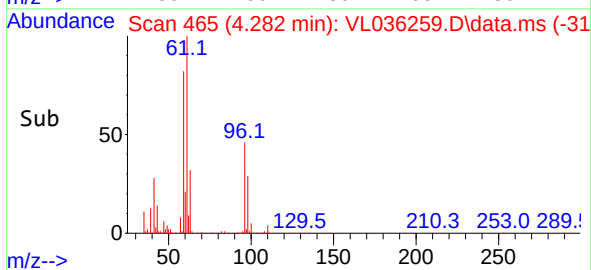
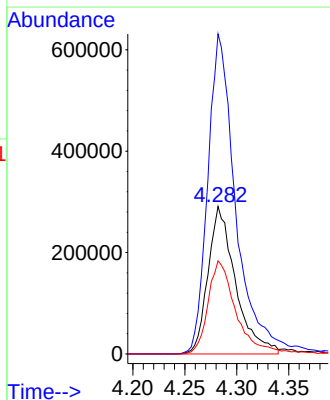
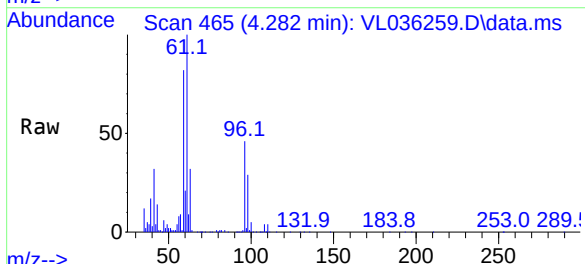
Manual Integrations
APPROVED

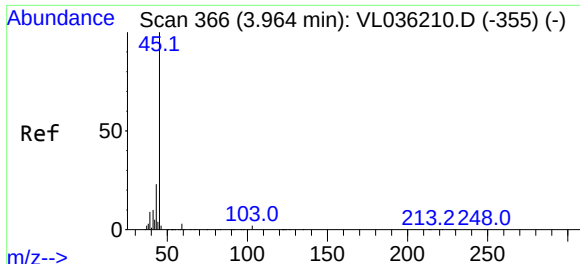
MMDadoda
1/21/2021 6:36:18 PM



#18
1,1-Dichloroethene
Concen: 9.97 ppbv
RT: 4.282 min Scan# 465
Delta R.T. -0.000 min
Lab File: VL036259.D
Acq: 20 Jan 2021 23:21

Tgt Ion: 96 Resp: 536157
Ion Ratio Lower Upper
96 100
61 216.8 173.4 260.0
98 63.1 54.9 82.3





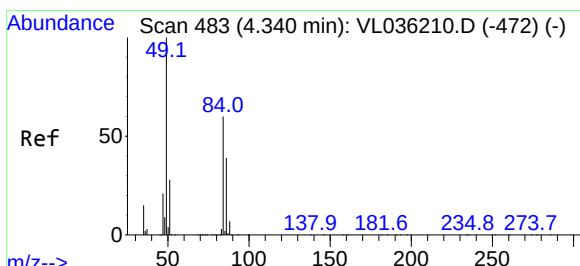
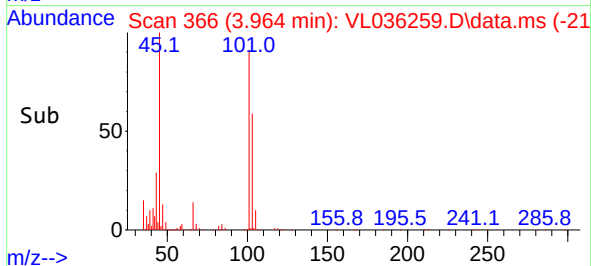
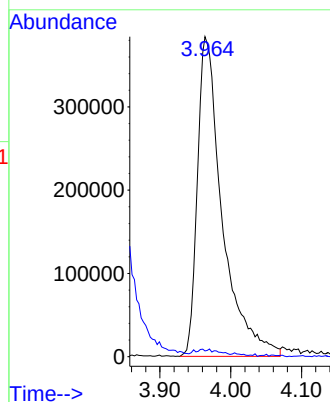
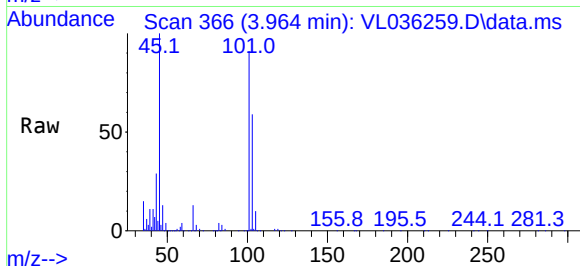
#19
Isopropyl Alcohol
Concen: 9.00 ppbv
RT: 3.964 min Scan# 366
Delta R.T. -0.000 min
Lab File: VL036259.D
Acq: 20 Jan 2021 23:21

Tgt Ion: 45 Resp: 932897
Ion Ratio Lower Upper
45 100
58 2.2 1.9 2.9

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

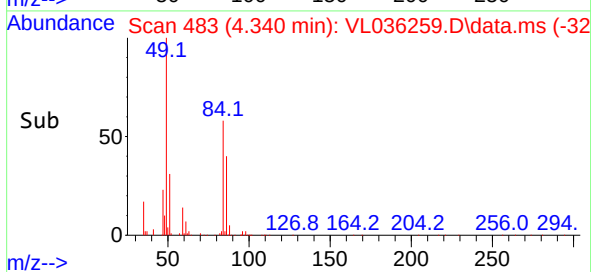
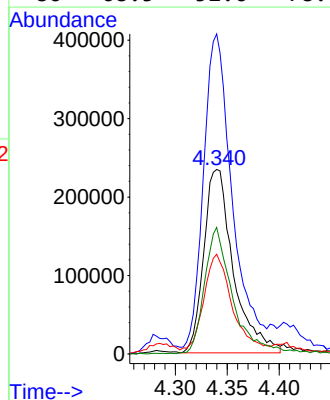
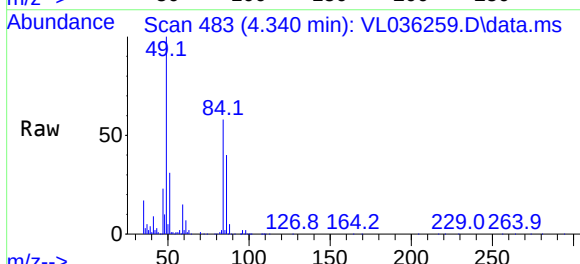
Manual Integrations
APPROVED

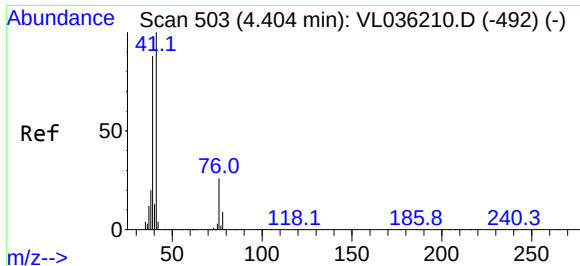
MMDadoda
1/21/2021 6:36:18 PM



#20
Methylene Chloride
Concen: 8.44 ppbv
RT: 4.340 min Scan# 483
Delta R.T. -0.000 min
Lab File: VL036259.D
Acq: 20 Jan 2021 23:21

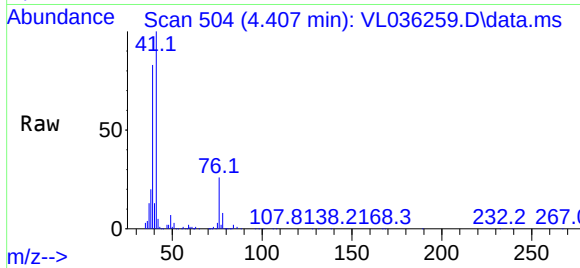
Tgt Ion: 84 Resp: 463488
Ion Ratio Lower Upper
84 100
49 170.9 134.1 201.1
51 52.2 37.4 56.0
86 68.5 52.6 78.8





#21
 Allyl Chloride
 Concen: 10.01 ppbv
 RT: 4.407 min Scan# 504
 Delta R.T. 0.003 min
 Lab File: VL036259.D
 Acq: 20 Jan 2021 23:21

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC

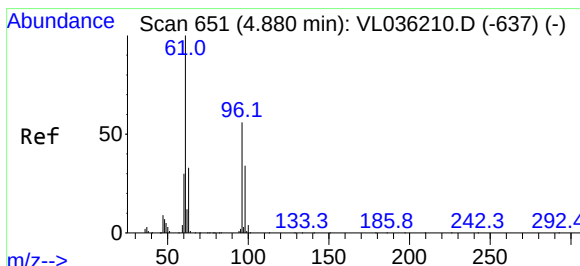
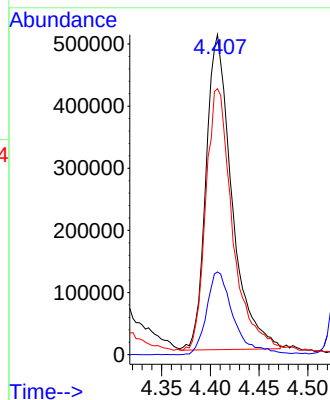
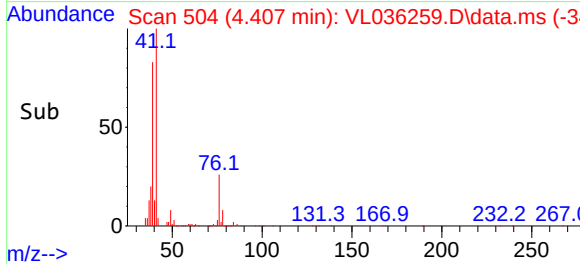


Tgt Ion: 41 Resp: 936971

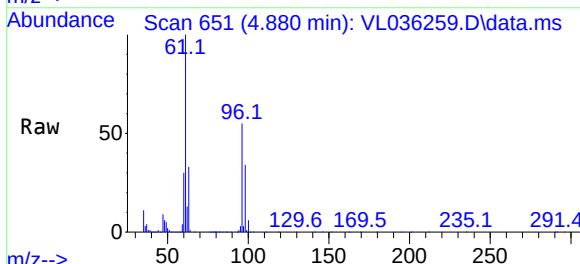
Ion	Ratio	Lower	Upper
41	100		
76	27.5	20.5	30.7
39	89.3	67.8	101.8

Manual Integrations
 APPROVED

MMDadoda
 1/21/2021 6:36:18 PM

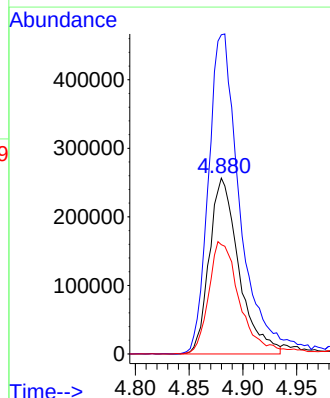
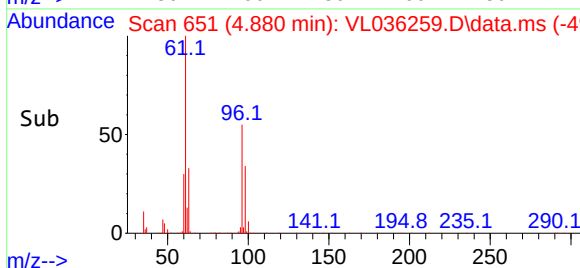


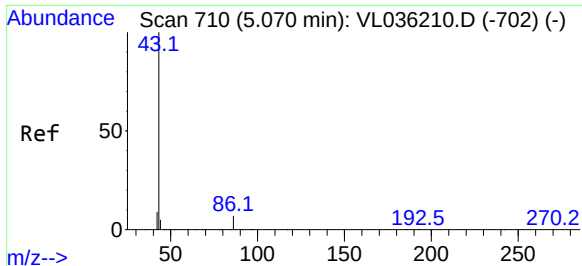
#22
 trans-1,2-Dichloroethene
 Concen: 9.88 ppbv
 RT: 4.880 min Scan# 651
 Delta R.T. -0.000 min
 Lab File: VL036259.D
 Acq: 20 Jan 2021 23:21



Tgt Ion: 96 Resp: 490812

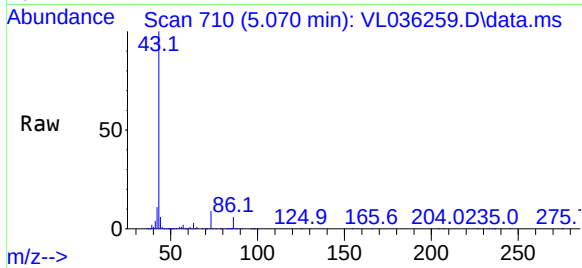
Ion	Ratio	Lower	Upper
96	100		
61	181.3	142.7	214.1
98	62.1	48.7	73.1





#23
 Vinyl Acetate
 Concen: 9.88 ppbv
 RT: 5.070 min Scan# 710
 Delta R.T. -0.000 min
 Lab File: VL036259.D
 Acq: 20 Jan 2021 23:21

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC

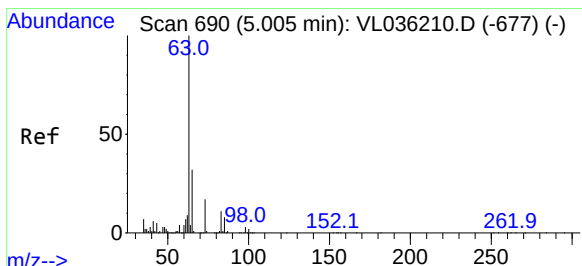
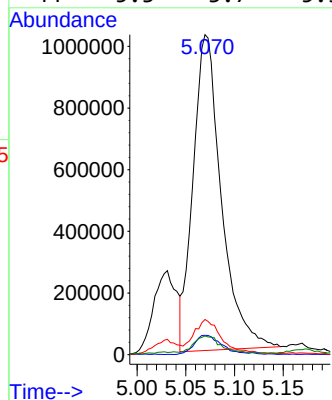
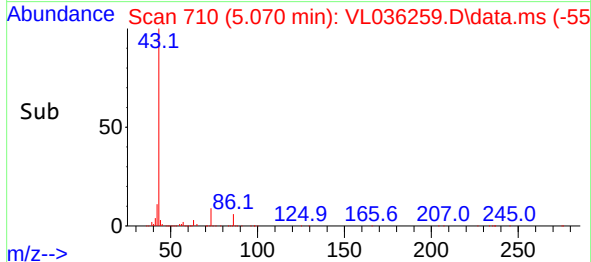


Tgt Ion: 43 Resp: 2058731

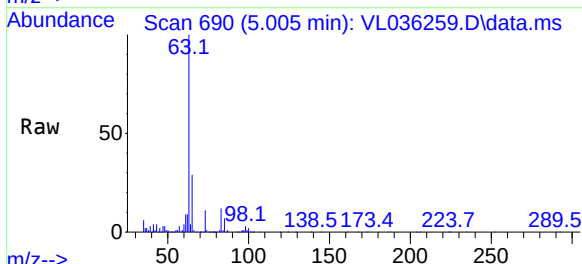
Ion	Ratio	Lower	Upper
43	100		
86	6.1	4.9	7.3
42	10.9	7.8	11.6
44	5.3	3.7	5.5

Manual Integrations
 APPROVED

MMDadoda
 1/21/2021 6:36:18 PM

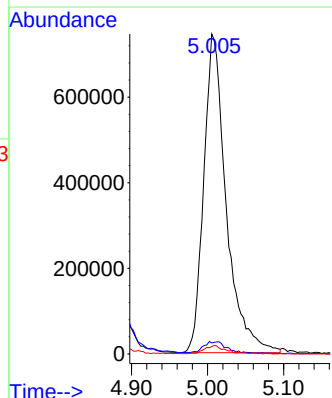
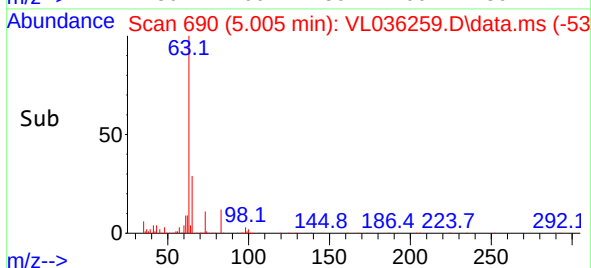


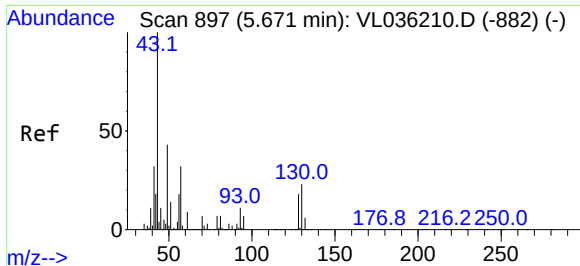
#24
 1,1-Dichloroethane
 Concen: 10.12 ppbv
 RT: 5.005 min Scan# 690
 Delta R.T. -0.000 min
 Lab File: VL036259.D
 Acq: 20 Jan 2021 23:21



Tgt Ion: 63 Resp: 1527640

Ion	Ratio	Lower	Upper
63	100		
98	3.3	1.7	5.1
100	2.2	1.1	3.1





#25
Ethyl Acetate
Concen: 9.48 ppbv
RT: 5.674 min Scan# 898
Delta R.T. 0.003 min
Lab File: VL036259.D
Acq: 20 Jan 2021 23:21

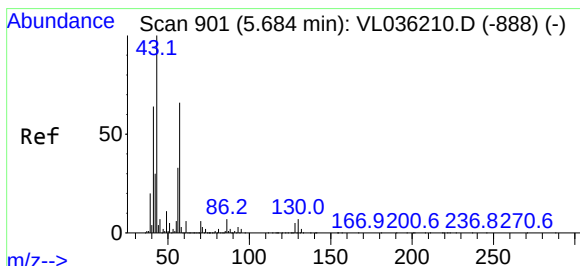
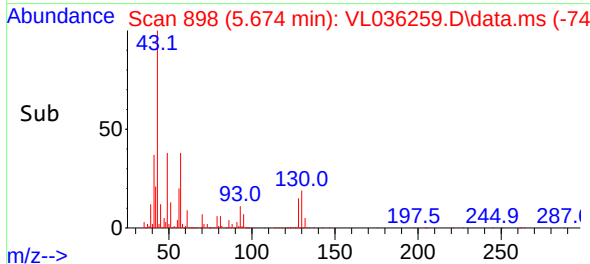
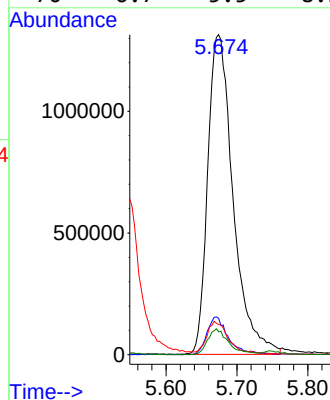
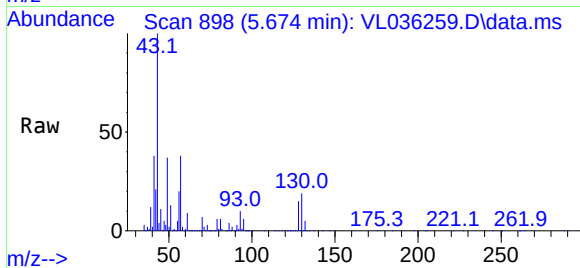
Tgt Ion: 43 Resp: 3273712

Ion	Ratio	Lower	Upper
43	100		
45	10.3	8.3	12.5
61	9.6	7.4	11.2
70	6.7	5.5	8.3

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Manual Integrations
APPROVED

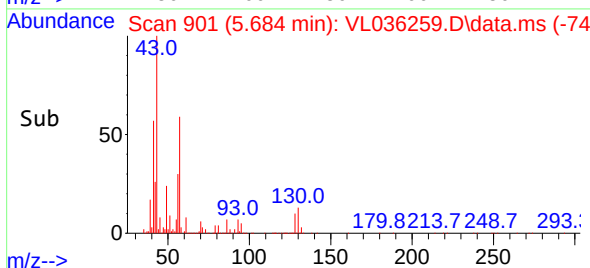
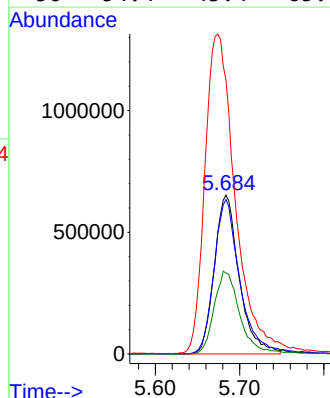
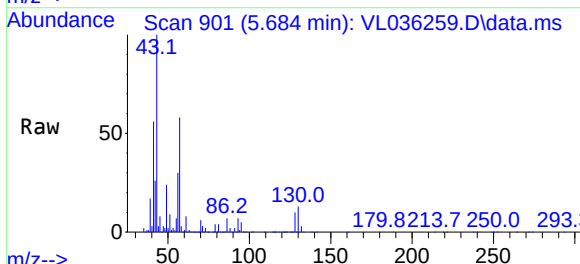
MMDadoda
1/21/2021 6:36:18 PM

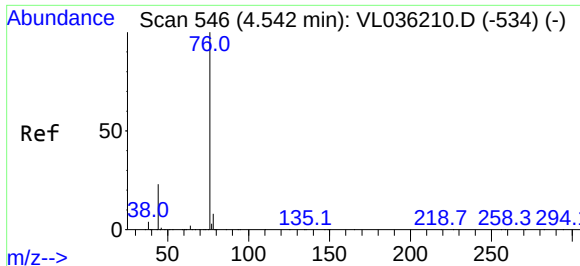


#26
Hexane
Concen: 9.28 ppbv
RT: 5.684 min Scan# 901
Delta R.T. -0.000 min
Lab File: VL036259.D
Acq: 20 Jan 2021 23:21

Tgt Ion: 57 Resp: 1333407

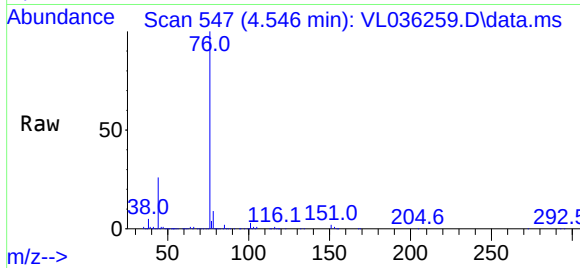
Ion	Ratio	Lower	Upper
57	100		
41	102.7	83.0	124.6
43	250.4	202.4	303.6
56	54.4	43.4	65.0





#27
Carbon Disulfide
Concen: 11.29 ppbv
RT: 4.546 min Scan# 547
Delta R.T. 0.003 min
Lab File: VL036259.D
Acq: 20 Jan 2021 23:21

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

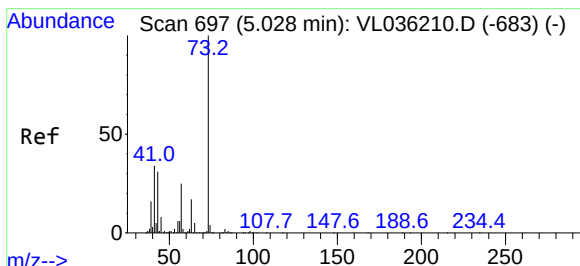
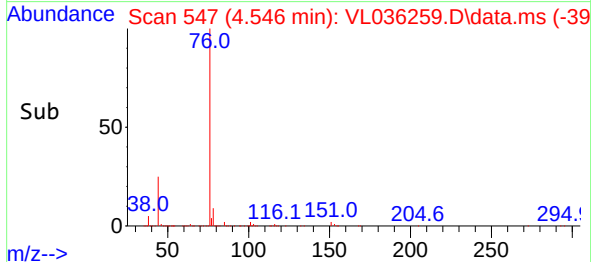
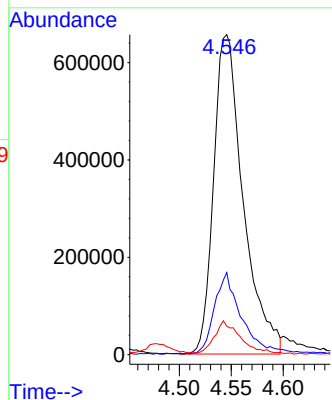


Tgt Ion: 76 Resp: 1297327

Ion	Ratio	Lower	Upper
76	100		
44	23.7	19.0	28.6
78	9.9	8.0	12.0

Manual Integrations
APPROVED

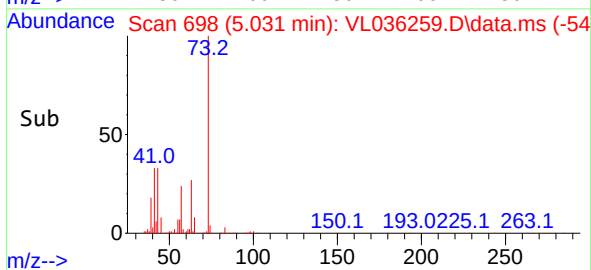
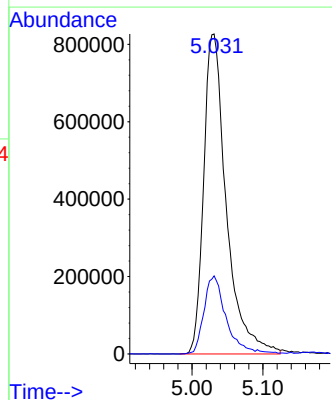
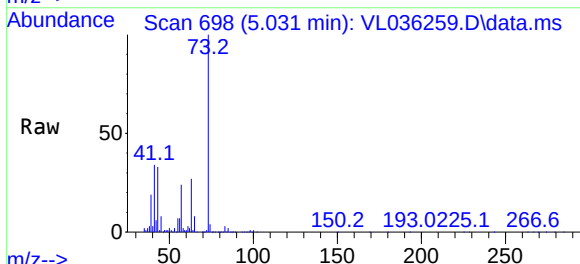
MMDadoda
1/21/2021 6:36:18 PM

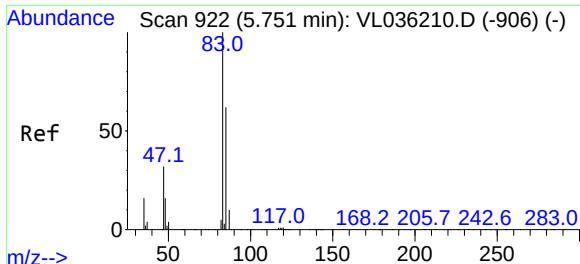


#28
Methyl tert-Butyl Ether
Concen: 9.43 ppbv
RT: 5.031 min Scan# 698
Delta R.T. 0.003 min
Lab File: VL036259.D
Acq: 20 Jan 2021 23:21

Tgt Ion: 73 Resp: 1832813

Ion	Ratio	Lower	Upper
73	100		
57	24.2	20.4	30.6





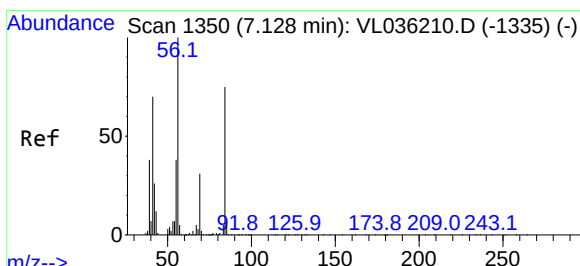
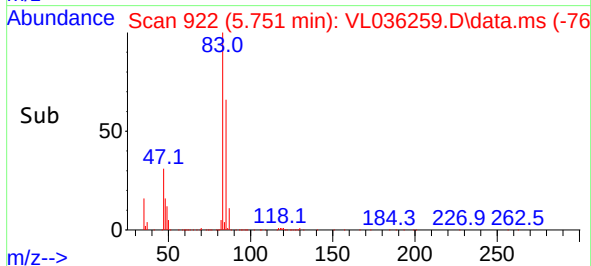
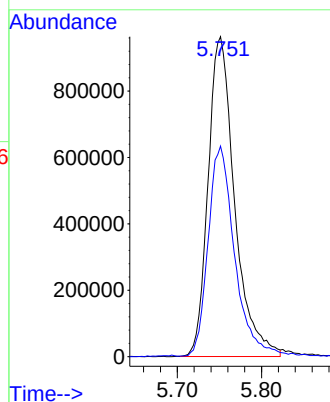
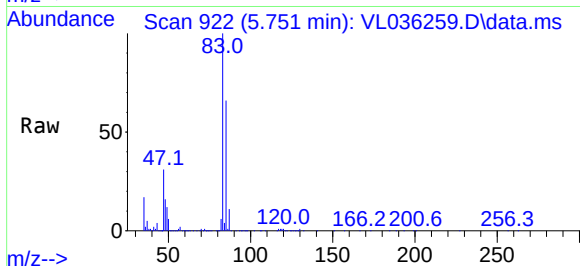
#29
Chloroform
Concen: 10.24 ppbv
RT: 5.751 min Scan# 922
Delta R.T. -0.000 min
Lab File: VL036259.D
Acq: 20 Jan 2021 23:21

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 83 Resp: 2107312
Ion Ratio Lower Upper
83 100
85 65.7 49.3 73.9

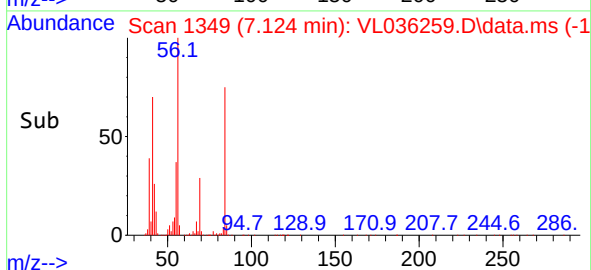
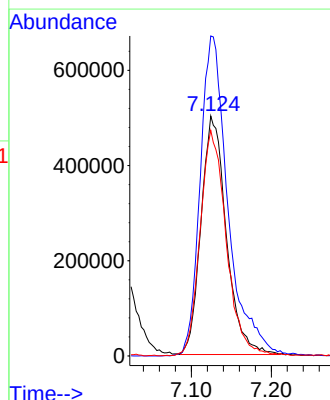
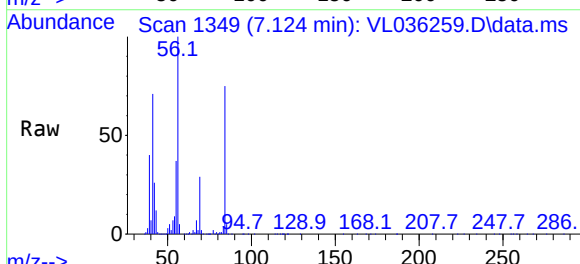
Manual Integrations
APPROVED

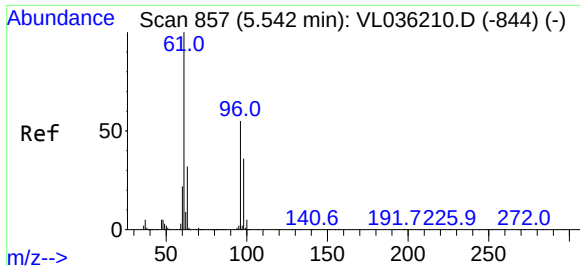
MMDadoda
1/21/2021 6:36:18 PM



#30
Cyclohexane
Concen: 10.06 ppbv
RT: 7.124 min Scan# 1349
Delta R.T. -0.003 min
Lab File: VL036259.D
Acq: 20 Jan 2021 23:21

Tgt Ion: 84 Resp: 1105522
Ion Ratio Lower Upper
84 100
56 148.5 119.4 179.0
41 97.5 79.4 119.0





#31
cis-1,2-Dichloroethene
Concen: 10.12 ppbv
RT: 5.546 min Scan# 858
Delta R.T. 0.003 min
Lab File: VL036259.D
Acq: 20 Jan 2021 23:21

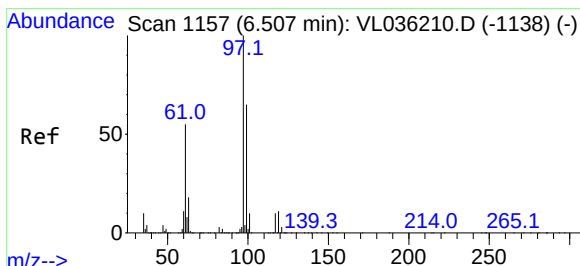
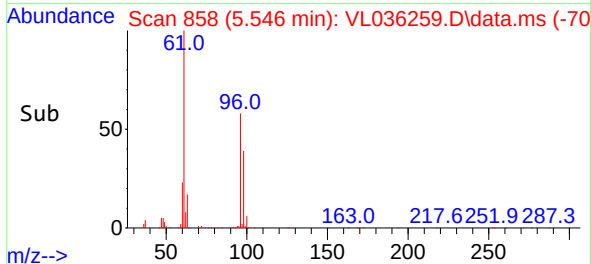
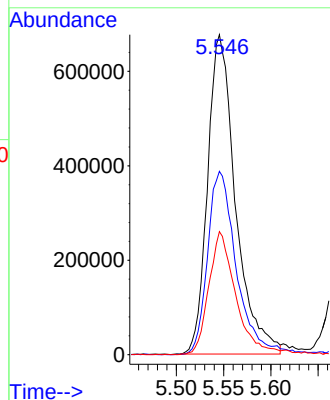
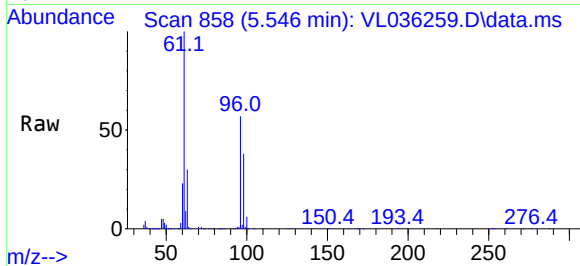
Tgt Ion: 61 Resp: 1390460

Ion	Ratio	Lower	Upper
61	100		
96	57.3	44.1	66.1
98	38.5	28.6	42.8

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Manual Integrations
APPROVED

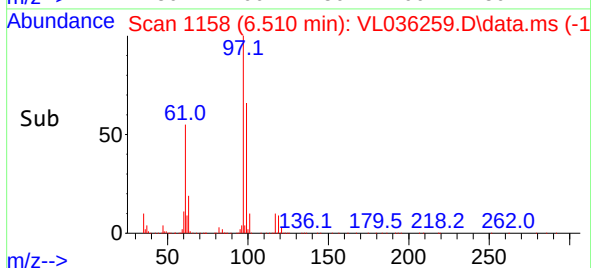
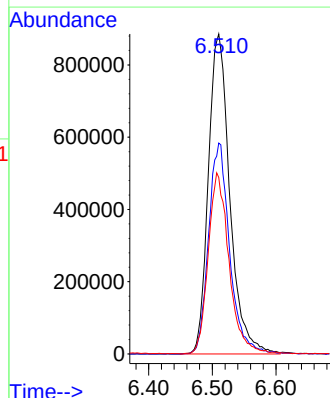
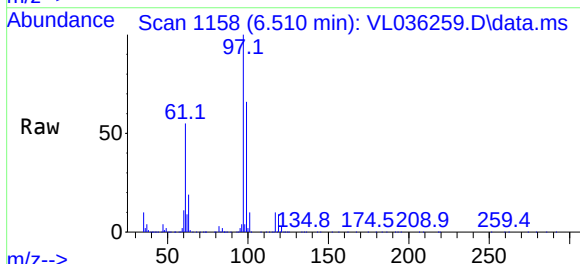
MMDadoda
1/21/2021 6:36:18 PM

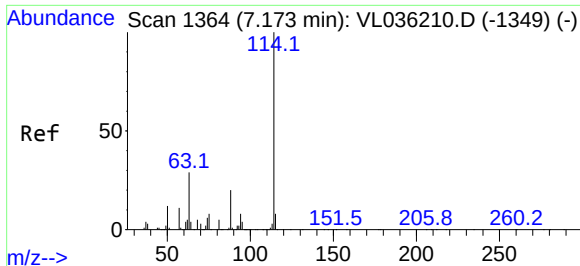


#32
1,1,1-Trichloroethane
Concen: 10.43 ppbv
RT: 6.510 min Scan# 1158
Delta R.T. 0.003 min
Lab File: VL036259.D
Acq: 20 Jan 2021 23:21

Tgt Ion: 97 Resp: 2076313

Ion	Ratio	Lower	Upper
97	100		
99	65.0	52.0	78.0
61	55.1	43.6	65.4





#33
1,4-Difluorobenzene
Concen: 10.00 ppbv
RT: 7.176 min Scan# 1365
Delta R.T. 0.003 min
Lab File: VL036259.D
Acq: 20 Jan 2021 23:21

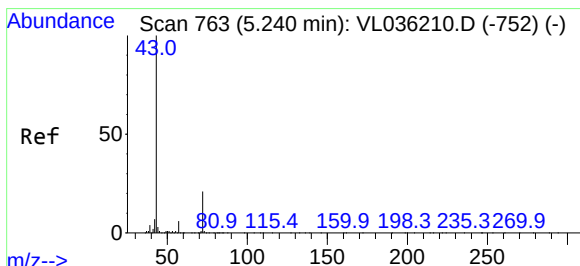
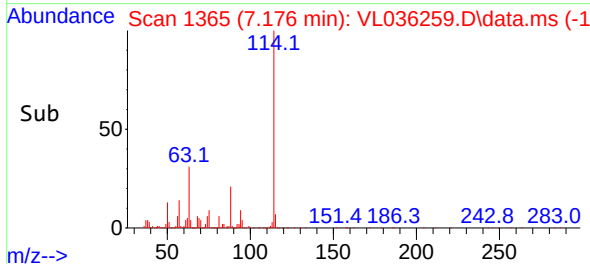
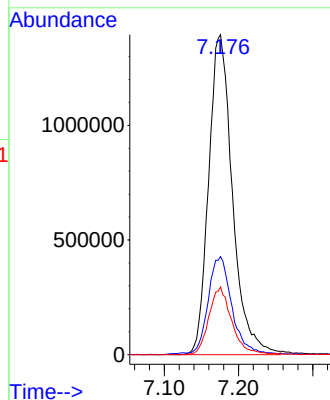
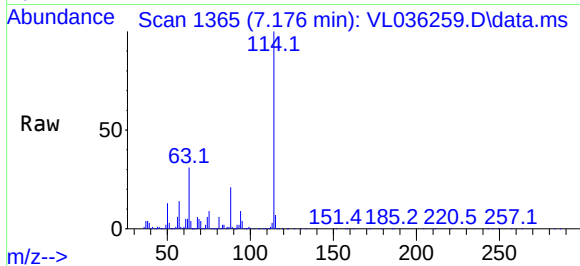
Tgt Ion: 114 Resp: 3107568

Ion	Ratio	Lower	Upper
114	100		
63	31.2	24.7	37.1
88	20.3	16.6	24.8

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Manual Integrations
APPROVED

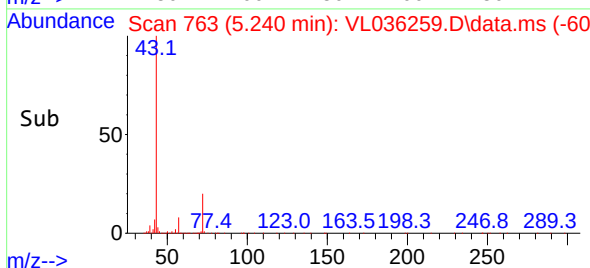
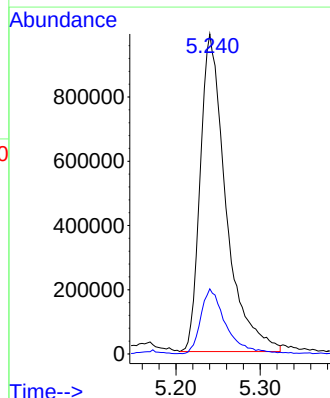
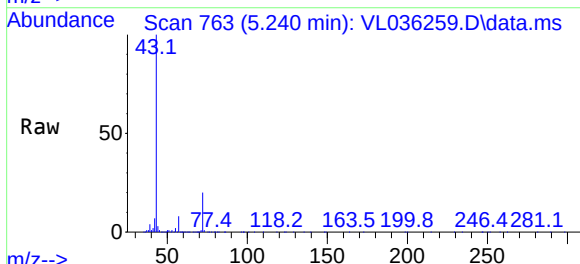
MMDadoda
1/21/2021 6:36:18 PM

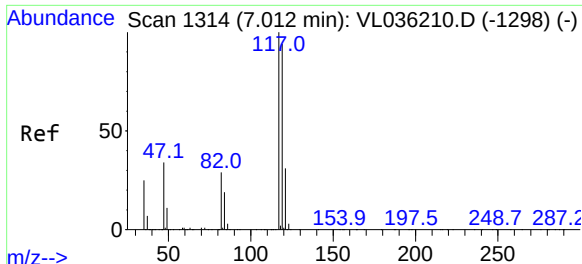


#34
2-Butanone
Concen: 9.17 ppbv
RT: 5.240 min Scan# 763
Delta R.T. -0.000 min
Lab File: VL036259.D
Acq: 20 Jan 2021 23:21

Tgt Ion: 43 Resp: 2097724

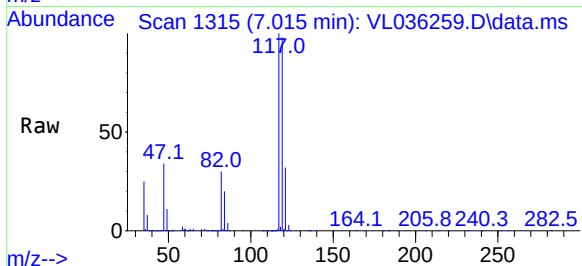
Ion	Ratio	Lower	Upper
43	100		
72	19.9	16.1	24.1





#35
Carbon Tetrachloride
Concen: 10.64 ppbv
RT: 7.015 min Scan# 1315
Delta R.T. 0.003 min
Lab File: VL036259.D
Acq: 20 Jan 2021 23:21

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

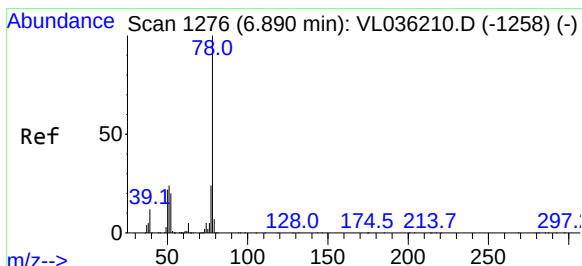
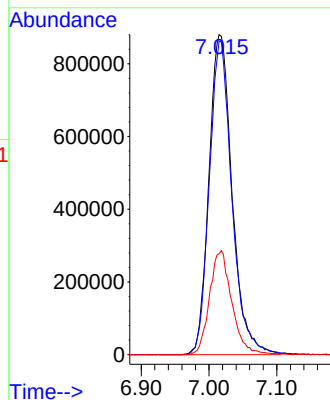
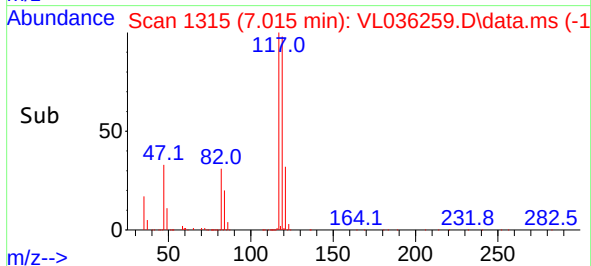


Tgt Ion: 117 Resp: 2089446

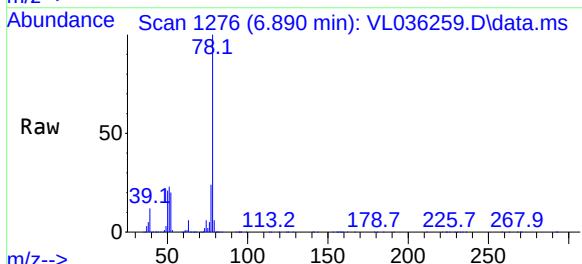
Ion	Ratio	Lower	Upper
117	100		
119	97.9	74.9	112.3
121	31.5	25.0	37.6

Manual Integrations
APPROVED

MMDadoda
1/21/2021 6:36:18 PM

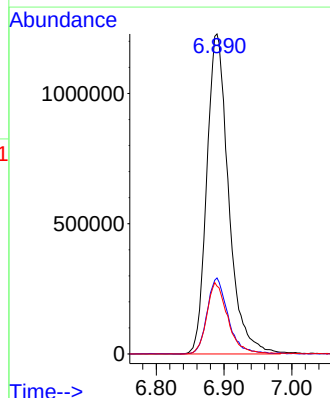
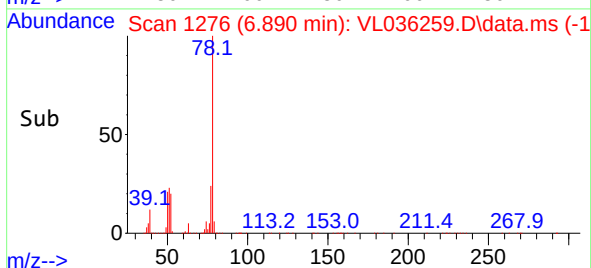


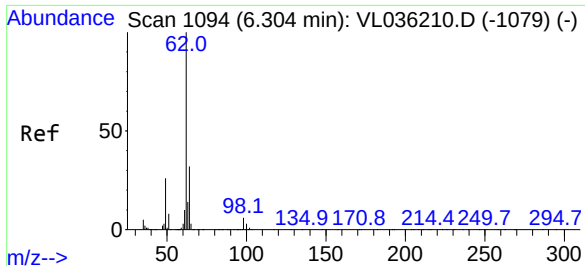
#36
Benzene
Concen: 9.66 ppbv
RT: 6.890 min Scan# 1276
Delta R.T. -0.000 min
Lab File: VL036259.D
Acq: 20 Jan 2021 23:21



Tgt Ion: 78 Resp: 2751327

Ion	Ratio	Lower	Upper
78	100		
77	23.8	19.4	29.0
50	21.2	17.4	26.2





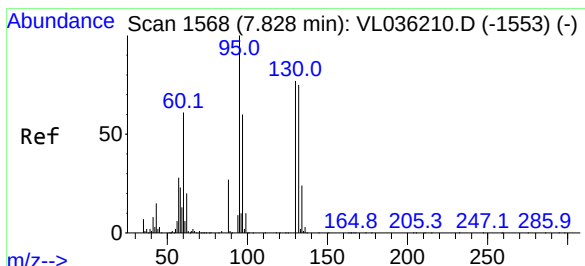
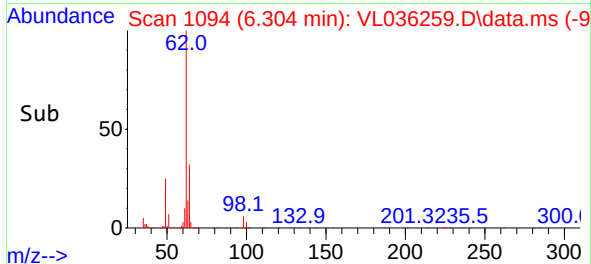
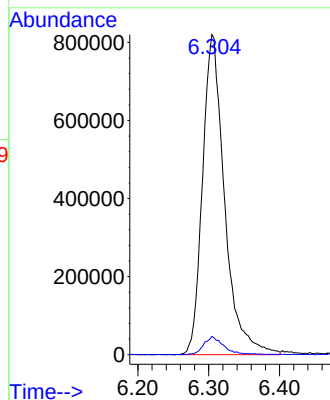
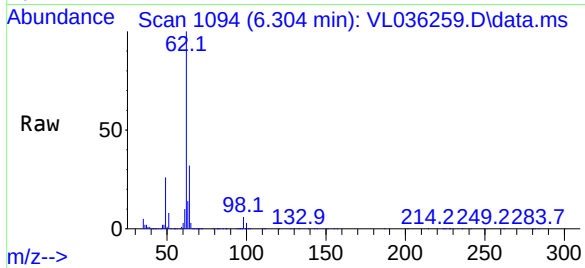
#37
1,2-Dichloroethane
Concen: 10.34 ppbv
RT: 6.304 min Scan# 1094
Delta R.T. -0.000 min
Lab File: VL036259.D
Acq: 20 Jan 2021 23:21

Tgt Ion: 62 Resp: 1770874
Ion Ratio Lower Upper
62 100
98 5.3 4.4 6.6

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

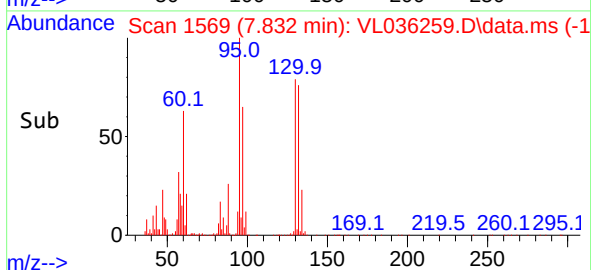
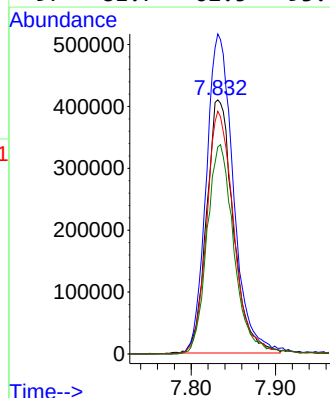
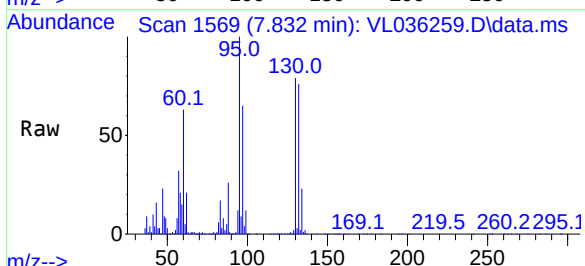
Manual Integrations
APPROVED

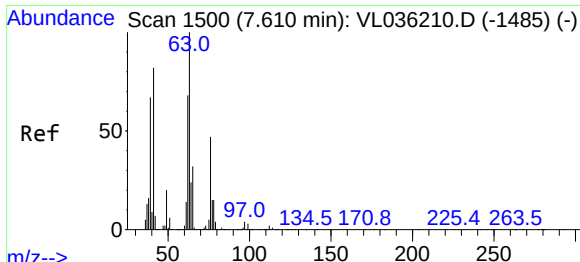
MMDadoda
1/21/2021 6:36:18 PM



#38
Trichloroethene
Concen: 8.55 ppbv
RT: 7.832 min Scan# 1569
Delta R.T. 0.003 min
Lab File: VL036259.D
Acq: 20 Jan 2021 23:21

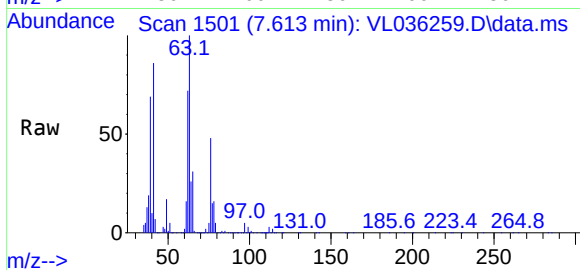
Tgt Ion:130 Resp: 902161
Ion Ratio Lower Upper
130 100
95 126.1 103.9 155.9
132 95.5 77.4 116.2
97 81.7 62.5 93.7





#39
1,2-Dichloropropane
Concen: 9.62 ppbv
RT: 7.613 min Scan# 1501
Delta R.T. 0.003 min
Lab File: VL036259.D
Acq: 20 Jan 2021 23:21

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

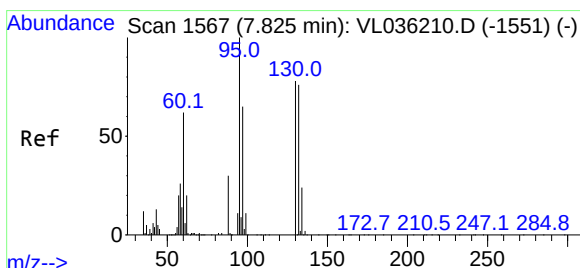
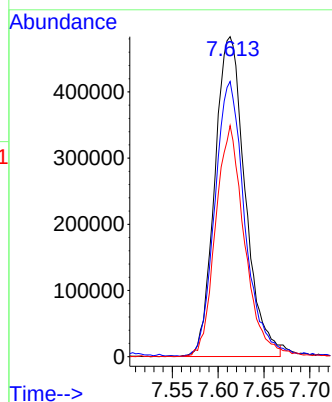
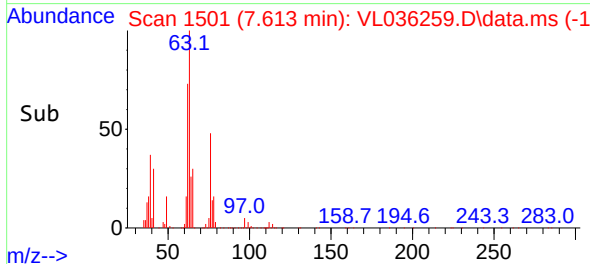


Tgt Ion: 63 Resp: 1111747

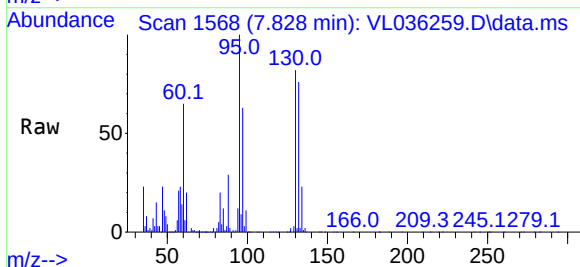
Ion	Ratio	Lower	Upper
63	100		
41	85.9	66.1	99.1
62	72.2	54.8	82.2

Manual Integrations
APPROVED

MMDadoda
1/21/2021 6:36:18 PM

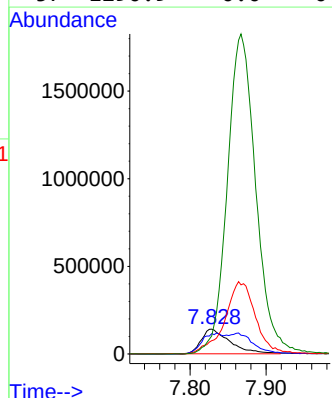
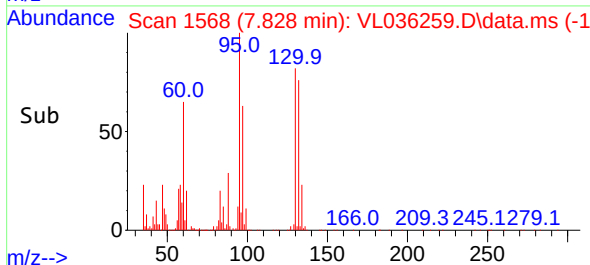


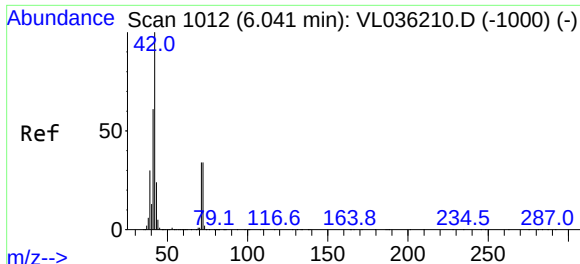
#40
1,4-Dioxane
Concen: 8.83 ppbv
RT: 7.828 min Scan# 1568
Delta R.T. 0.003 min
Lab File: VL036259.D
Acq: 20 Jan 2021 23:21



Tgt Ion: 88 Resp: 369323

Ion	Ratio	Lower	Upper
88	100		
58	140.1	123.0	184.6
43	313.3	0.0	0.0#
57	1290.9	0.0	0.0#





#41
Tetrahydrofuran
Concen: 9.42 ppbv
RT: 6.044 min Scan# 1013
Delta R.T. 0.003 min
Lab File: VL036259.D
Acq: 20 Jan 2021 23:21

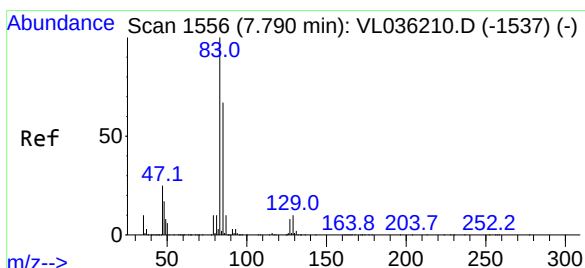
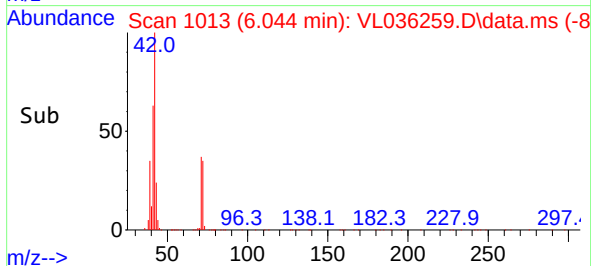
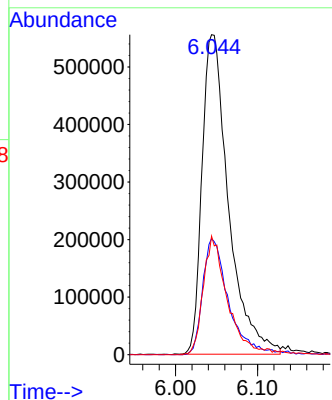
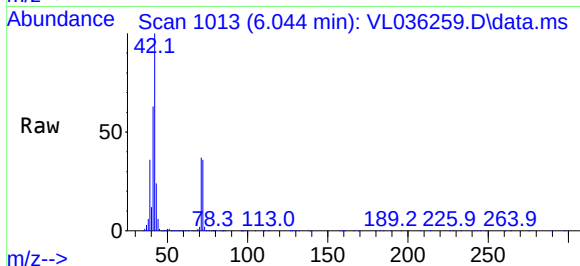
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 42 Resp: 1246040

Ion	Ratio	Lower	Upper
42	100		
72	36.0	29.5	44.3
71	34.5	29.1	43.7

Manual Integrations
APPROVED

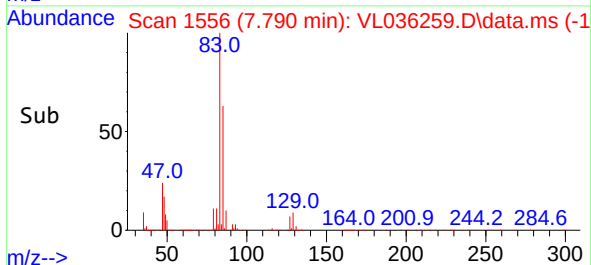
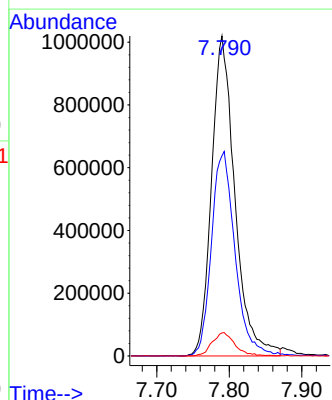
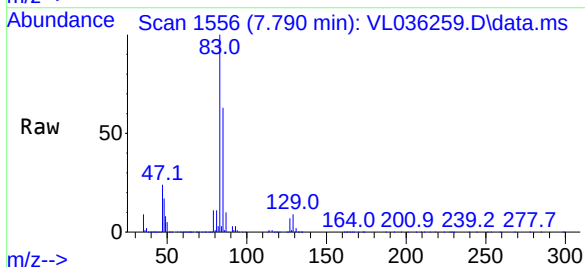
MMDadoda
1/21/2021 6:36:18 PM

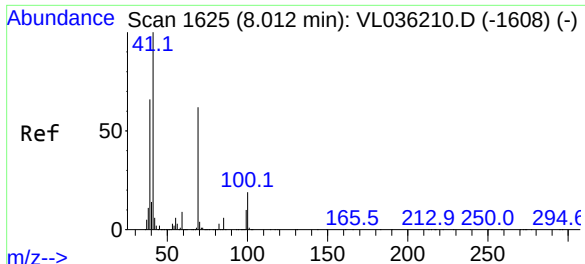


#42
Bromodichloromethane
Concen: 10.59 ppbv
RT: 7.790 min Scan# 1556
Delta R.T. -0.000 min
Lab File: VL036259.D
Acq: 20 Jan 2021 23:21

Tgt Ion: 83 Resp: 2281263

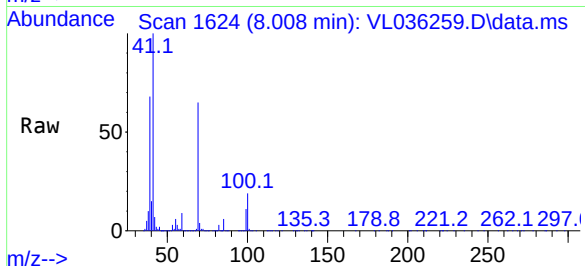
Ion	Ratio	Lower	Upper
83	100		
85	62.5	53.4	80.2
127	7.2	6.2	9.2





#43
Methyl Methacrylate
Concen: 10.13 ppbv
RT: 8.008 min Scan# 1624
Delta R.T. -0.003 min
Lab File: VL036259.D
Acq: 20 Jan 2021 23:21

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

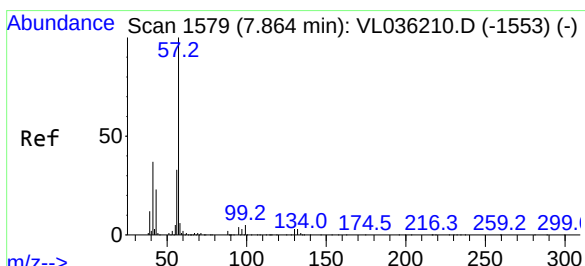
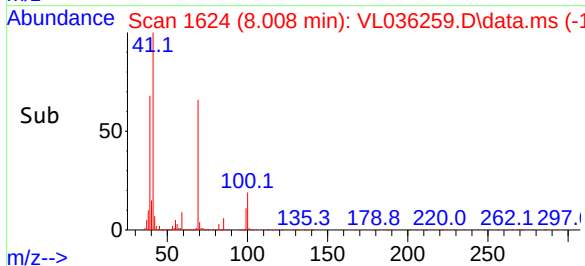
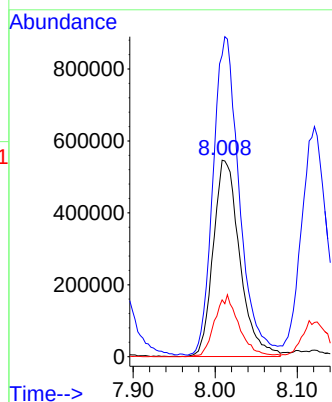


Tgt Ion: 69 Resp: 1225857

Ion	Ratio	Lower	Upper
69	100		
41	162.1	133.4	200.2
100	29.3	24.3	36.5

Manual Integrations
APPROVED

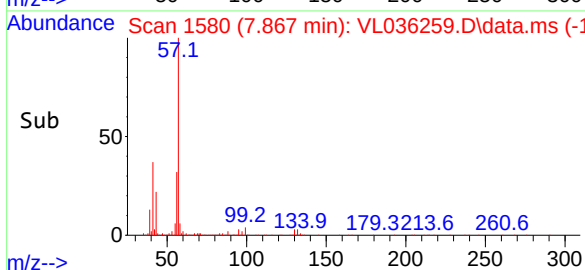
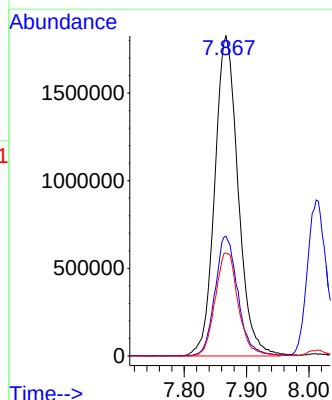
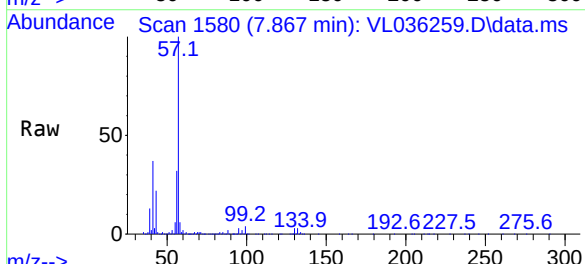
MMDadoda
1/21/2021 6:36:18 PM

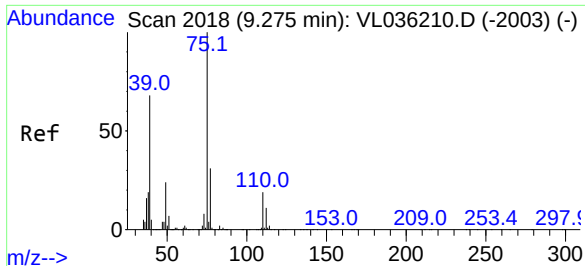


#44
2,2,4-Trimethylpentane
Concen: 9.09 ppbv
RT: 7.867 min Scan# 1580
Delta R.T. 0.003 min
Lab File: VL036259.D
Acq: 20 Jan 2021 23:21

Tgt Ion: 57 Resp: 4755436

Ion	Ratio	Lower	Upper
57	100		
41	36.5	28.5	42.7
56	31.9	25.5	38.3





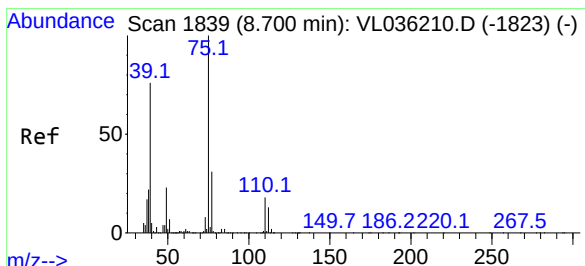
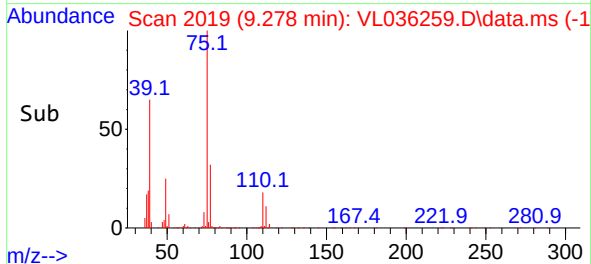
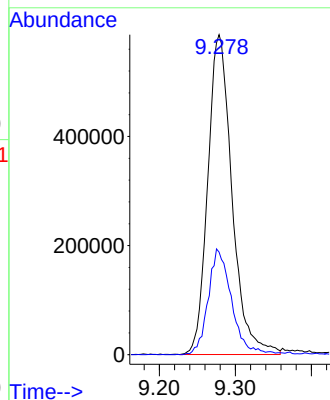
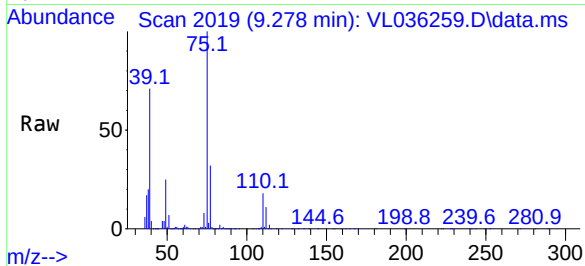
#45
t-1,3-Dichloropropene
Concen: 11.31 ppbv
RT: 9.278 min Scan# 2019
Delta R.T. 0.003 min
Lab File: VL036259.D
Acq: 20 Jan 2021 23:21

Tgt Ion: 75 Resp: 1300233
Ion Ratio Lower Upper
75 100
77 32.0 24.7 37.1

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

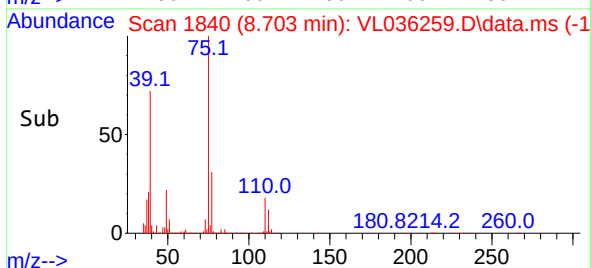
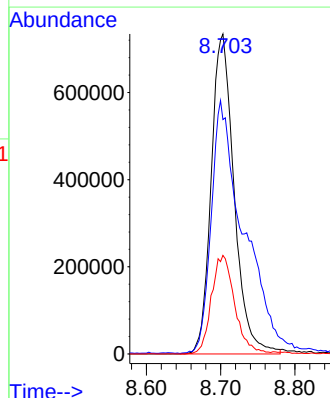
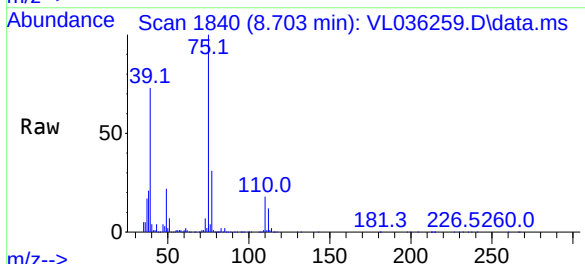
Manual Integrations
APPROVED

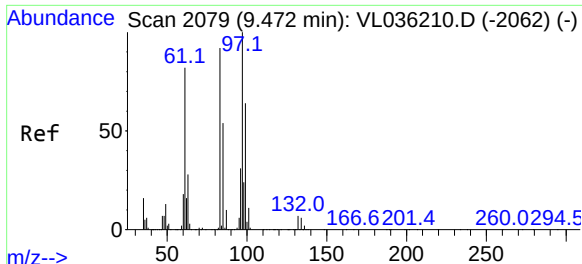
MMDadoda
1/21/2021 6:36:18 PM



#46
cis-1,3-Dichloropropene
Concen: 10.66 ppbv
RT: 8.703 min Scan# 1840
Delta R.T. 0.003 min
Lab File: VL036259.D
Acq: 20 Jan 2021 23:21

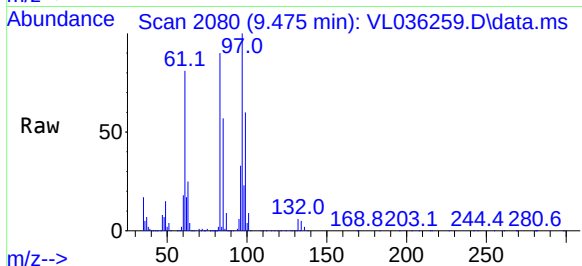
Tgt Ion: 75 Resp: 1574368
Ion Ratio Lower Upper
75 100
39 73.1 61.2 91.8
77 30.8 24.6 37.0





#47
1,1,2-Trichloroethane
Concen: 9.54 ppbv
RT: 9.475 min Scan# 2080
Delta R.T. 0.003 min
Lab File: VL036259.D
Acq: 20 Jan 2021 23:21

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

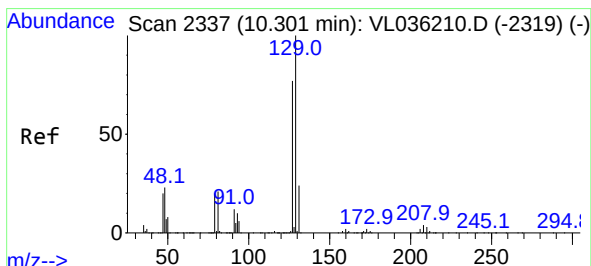
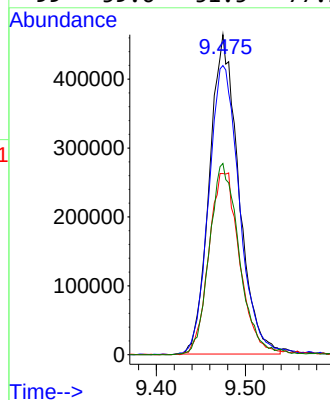
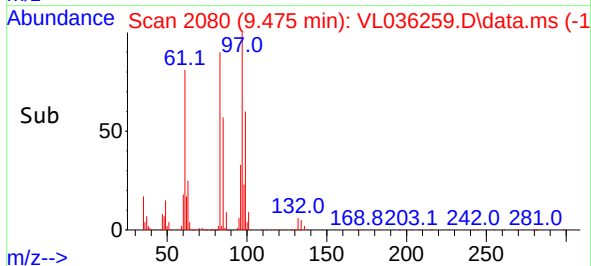


Tgt Ion: 97 Resp: 1055350

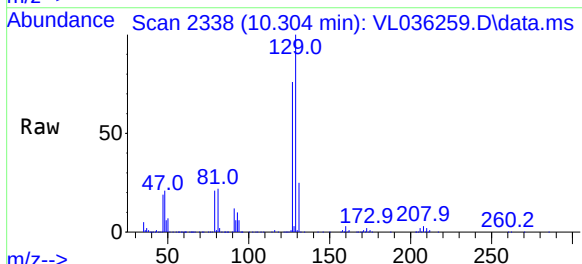
Ion	Ratio	Lower	Upper
97	100		
83	90.0	73.3	109.9
85	56.7	43.2	64.8
99	59.6	51.5	77.3

Manual Integrations
APPROVED

MMDadoda
1/21/2021 6:36:18 PM

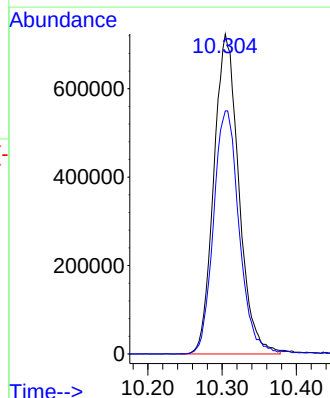
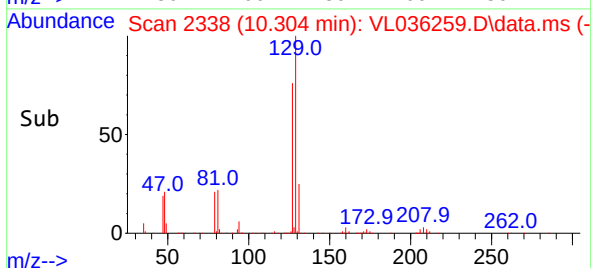


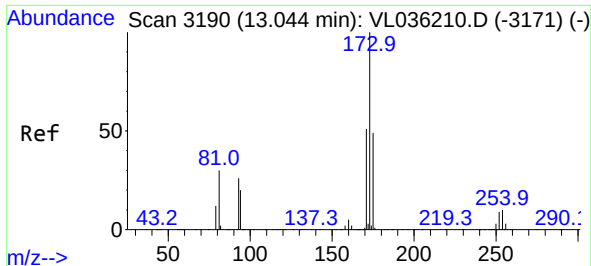
#48
Dibromochloromethane
Concen: 10.46 ppbv
RT: 10.304 min Scan# 2338
Delta R.T. 0.003 min
Lab File: VL036259.D
Acq: 20 Jan 2021 23:21



Tgt Ion: 129 Resp: 1691976

Ion	Ratio	Lower	Upper
129	100		
127	78.9	39.6	118.8





#49

Bromoform

Concen: 9.70 ppbv

RT: 13.040 min Scan# 3189

Delta R.T. -0.003 min

Lab File: VL036259.D

Acq: 20 Jan 2021 23:21

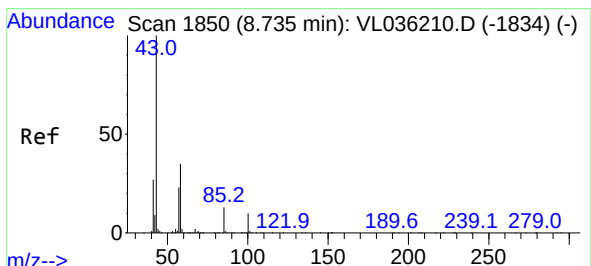
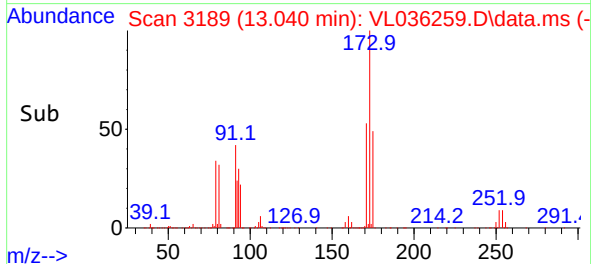
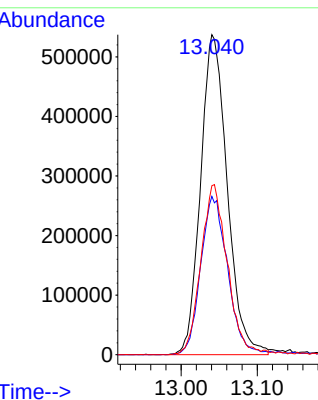
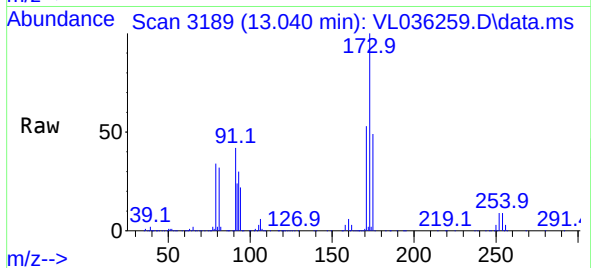
Tgt Ion:173 Resp: 1309748

Ion Ratio Lower Upper

173 100

175 51.3 40.7 61.1

171 53.1 43.0 64.6



#50

4-Methyl-2-Pentanone

Concen: 9.48 ppbv

RT: 8.738 min Scan# 1851

Delta R.T. 0.003 min

Lab File: VL036259.D

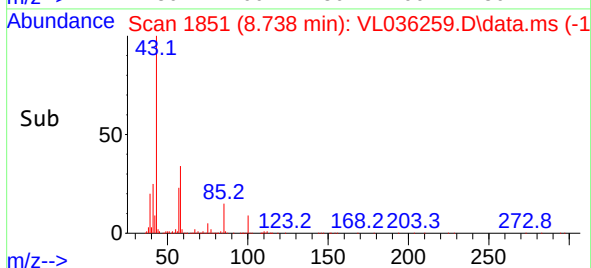
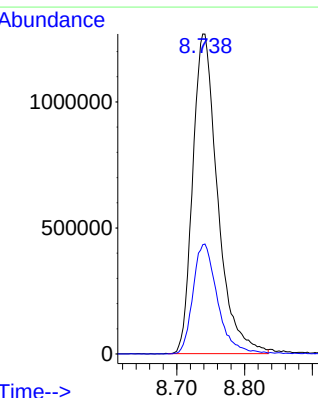
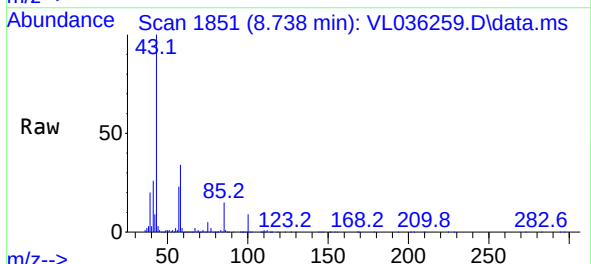
Acq: 20 Jan 2021 23:21

Tgt Ion: 43 Resp: 3233657

Ion Ratio Lower Upper

43 100

58 34.4 27.6 41.4



Instrument :

MSVOA_L

ClientSampleId :

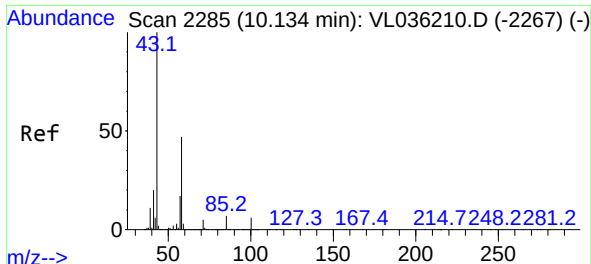
VSTDCCC010EC

Manual Integrations

APPROVED

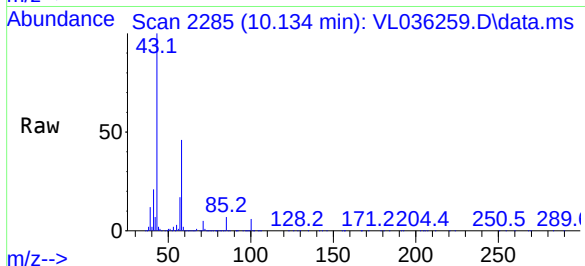
MMDadoda

1/21/2021 6:36:18 PM



#51
2-Hexanone
Concen: 9.75 ppbv
RT: 10.134 min Scan# 2285
Delta R.T. -0.000 min
Lab File: VL036259.D
Acq: 20 Jan 2021 23:21

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

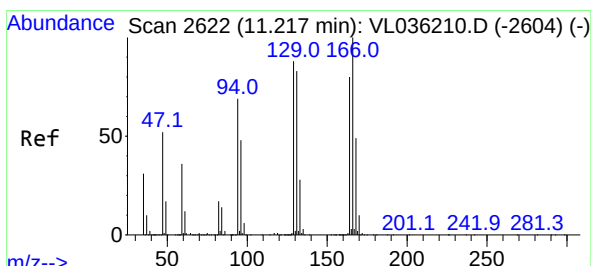
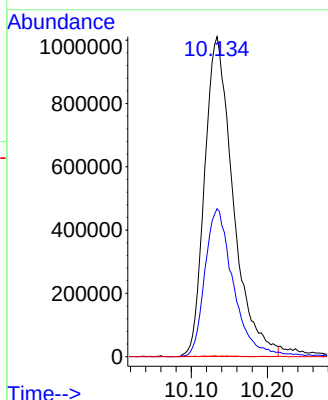
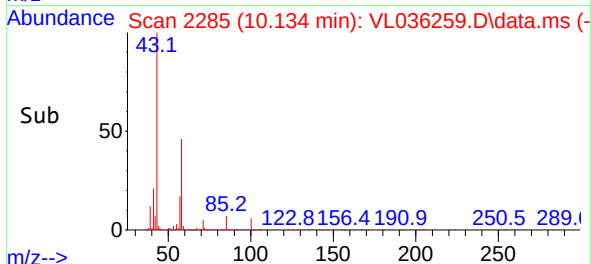


Tgt Ion: 43 Resp: 2625283

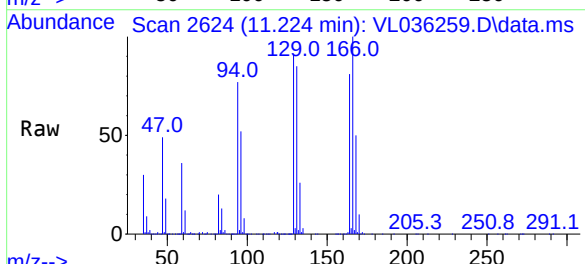
Ion	Ratio	Lower	Upper
43	100		
58	47.3	37.4	56.0
98	0.3	0.2	0.2#

Manual Integrations
APPROVED

MMDadoda
1/21/2021 6:36:18 PM

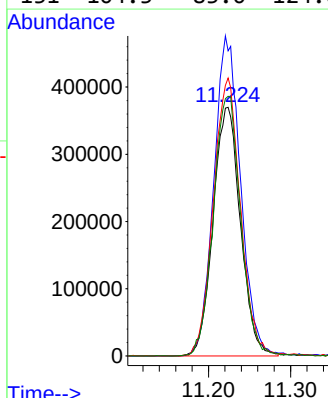
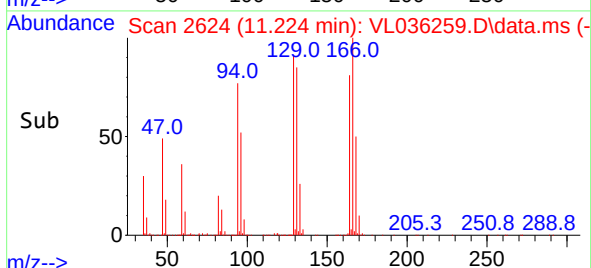


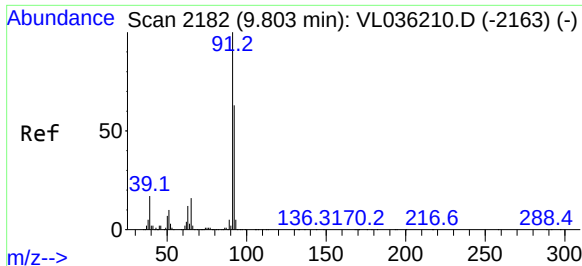
#52
Tetrachloroethene
Concen: 8.16 ppbv
RT: 11.224 min Scan# 2624
Delta R.T. 0.006 min
Lab File: VL036259.D
Acq: 20 Jan 2021 23:21



Tgt Ion: 164 Resp: 855917

Ion	Ratio	Lower	Upper
164	100		
166	122.7	99.9	149.9
129	111.7	88.2	132.4
131	104.3	83.0	124.6





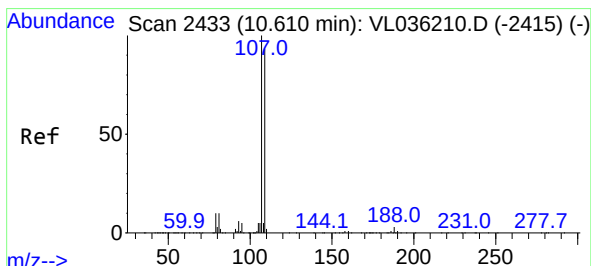
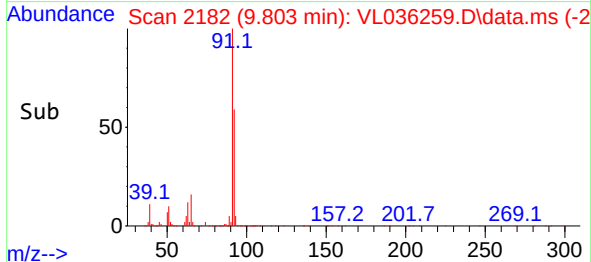
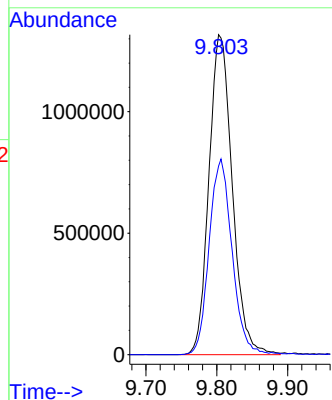
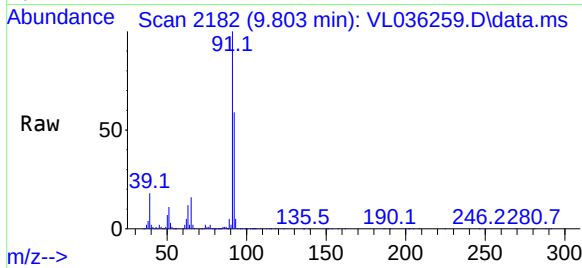
#53
Toluene
Concen: 9.46 ppbv
RT: 9.803 min Scan# 2182
Delta R.T. -0.000 min
Lab File: VL036259.D
Acq: 20 Jan 2021 23:21

Tgt Ion: 91 Resp: 3014585
Ion Ratio Lower Upper
91 100
92 60.6 48.5 72.7

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

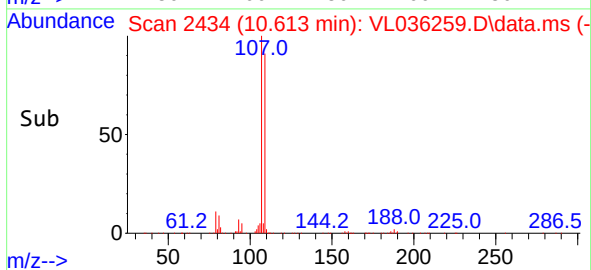
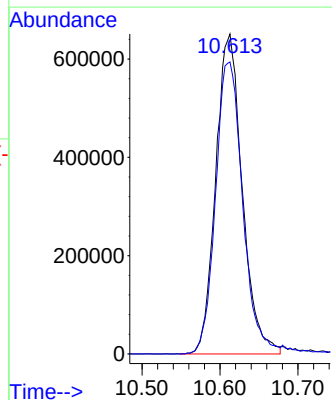
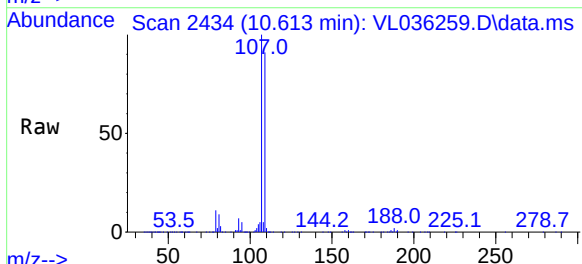
Manual Integrations
APPROVED

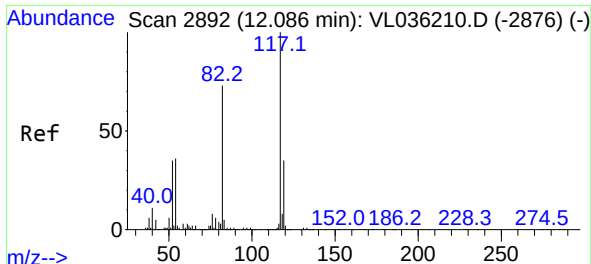
MMDadoda
1/21/2021 6:36:18 PM



#54
1,2-Dibromoethane
Concen: 9.40 ppbv
RT: 10.613 min Scan# 2434
Delta R.T. 0.003 min
Lab File: VL036259.D
Acq: 20 Jan 2021 23:21

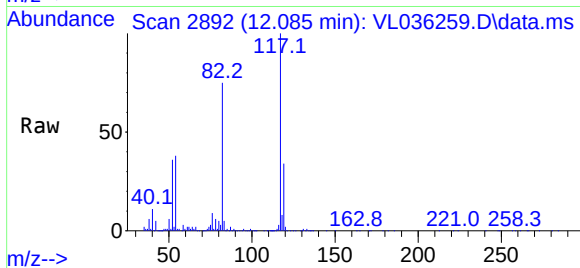
Tgt Ion: 107 Resp: 1541490
Ion Ratio Lower Upper
107 100
109 91.2 74.5 111.7





#55
Chlorobenzene-d5
Concen: 10.00 ppbv
RT: 12.085 min Scan# 2892
Delta R.T. -0.000 min
Lab File: VL036259.D
Acq: 20 Jan 2021 23:21

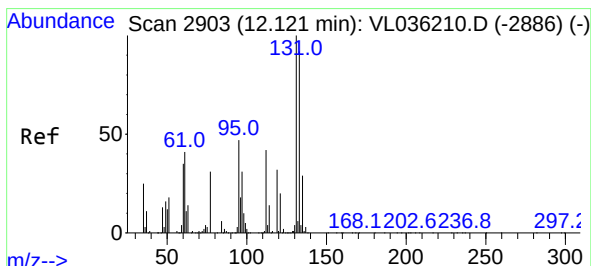
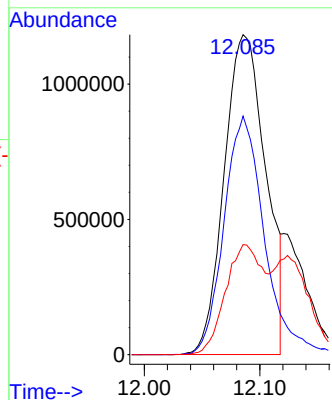
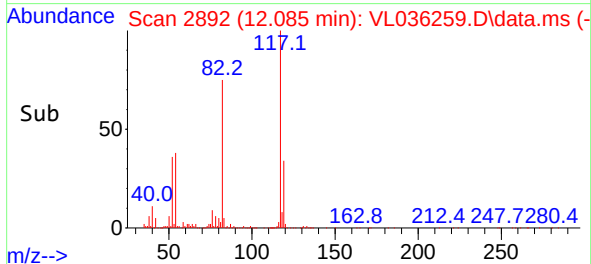
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



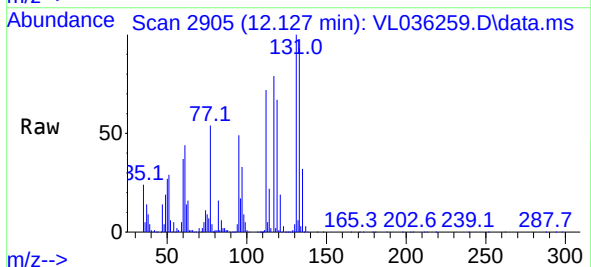
Tgt Ion:117 Resp: 2954440
Ion Ratio Lower Upper
117 100
82 73.6 59.7 89.5
119 33.8 28.6 43.0

Manual Integrations
APPROVED

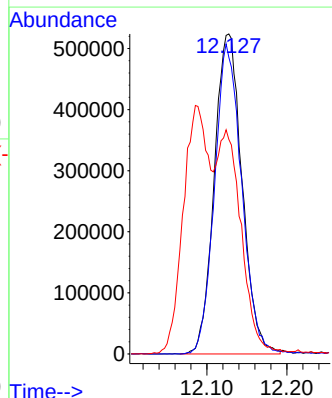
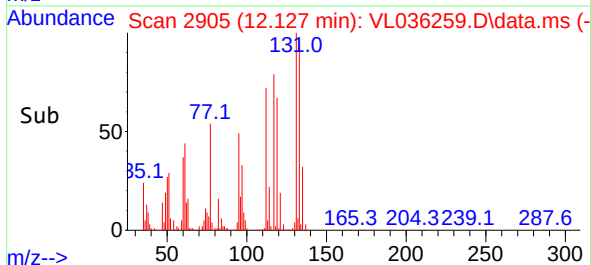
MMDadoda
1/21/2021 6:36:18 PM

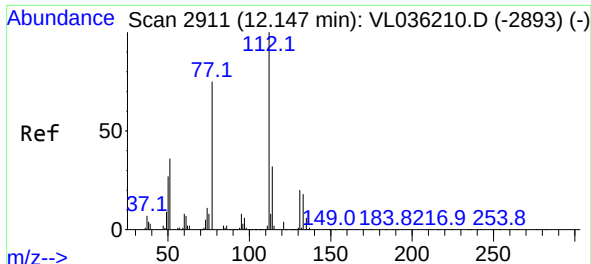


#56
1,1,1,2-Tetrachloroethane
Concen: 9.57 ppbv
RT: 12.127 min Scan# 2905
Delta R.T. 0.006 min
Lab File: VL036259.D
Acq: 20 Jan 2021 23:21



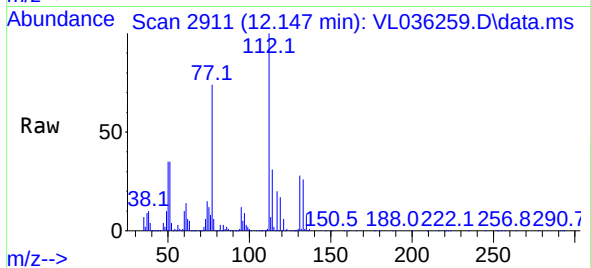
Tgt Ion:131 Resp: 1261630
Ion Ratio Lower Upper
131 100
133 94.8 76.5 114.7
119 57.5 45.4 68.0





#57
Chlorobenzene
Concen: 8.83 ppbv
RT: 12.147 min Scan# 2911
Delta R.T. -0.000 min
Lab File: VL036259.D
Acq: 20 Jan 2021 23:21

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

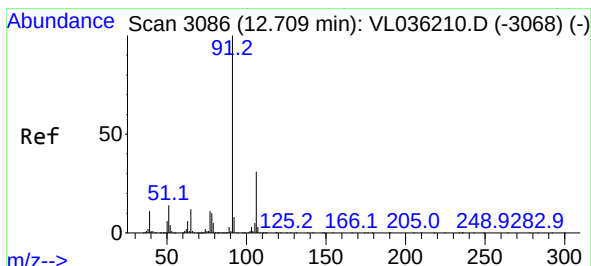
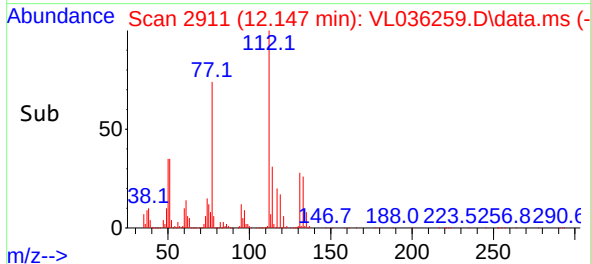
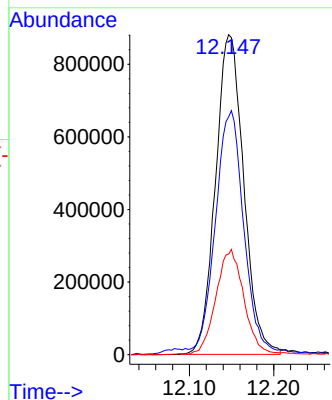


Tgt Ion:112 Resp: 2047311

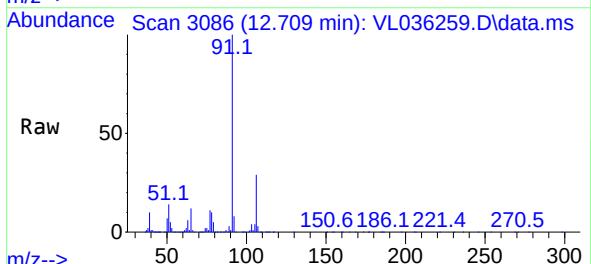
Ion	Ratio	Lower	Upper
112	100		
77	72.7	59.6	89.4
114	31.1	28.7	35.1

Manual Integrations
APPROVED

MMDadoda
1/21/2021 6:36:18 PM

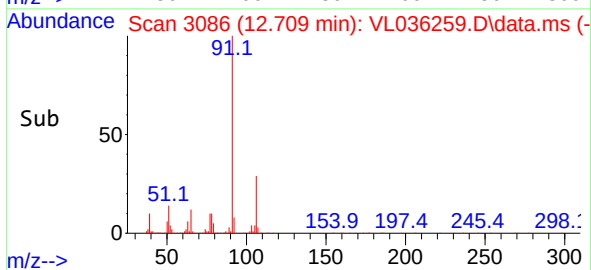
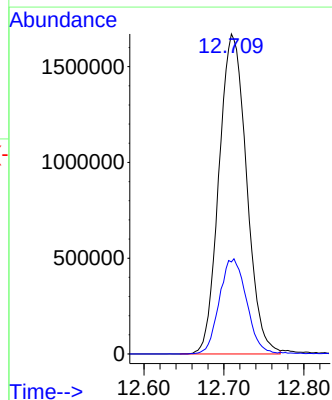


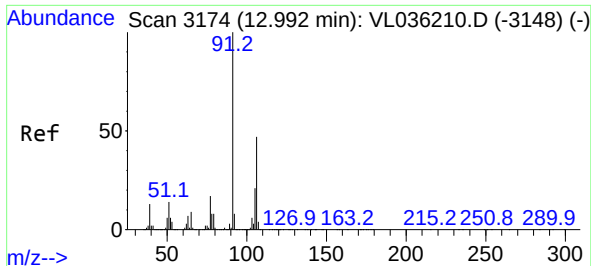
#58
Ethyl Benzene
Concen: 9.10 ppbv
RT: 12.709 min Scan# 3086
Delta R.T. -0.000 min
Lab File: VL036259.D
Acq: 20 Jan 2021 23:21



Tgt Ion: 91 Resp: 3990608

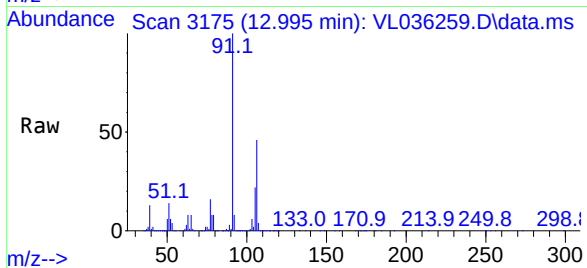
Ion	Ratio	Lower	Upper
91	100		
106	28.8	24.8	37.2





#59
m/p-Xylene
Concen: 17.84 ppbv m
RT: 12.995 min Scan# 3175
Delta R.T. 0.003 min
Lab File: VL036259.D
Acq: 20 Jan 2021 23:21

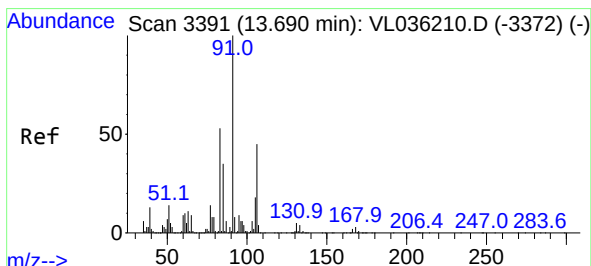
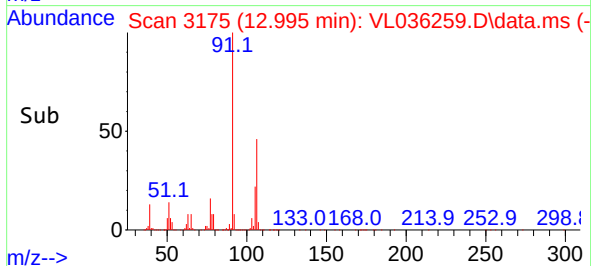
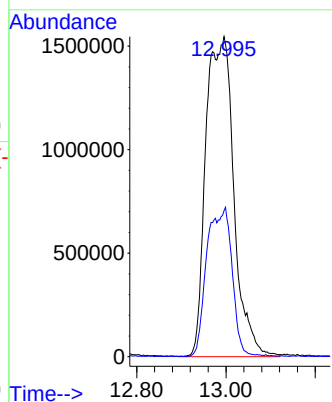
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



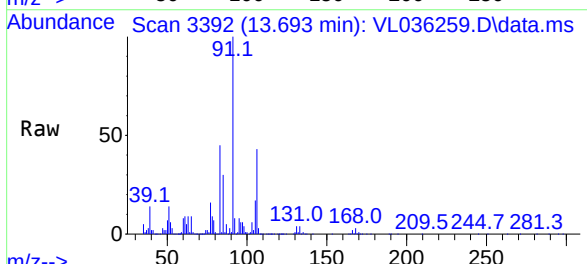
Tgt Ion: 91 Resp: 6722242
Ion Ratio Lower Upper
91 100
106 42.1 34.6 51.8

Manual Integrations
APPROVED

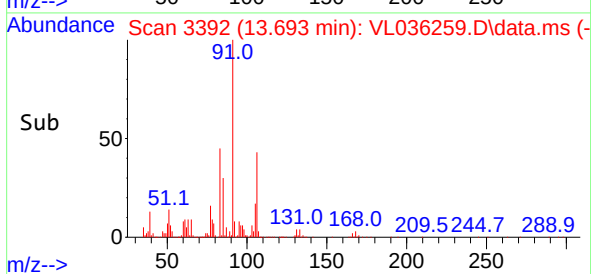
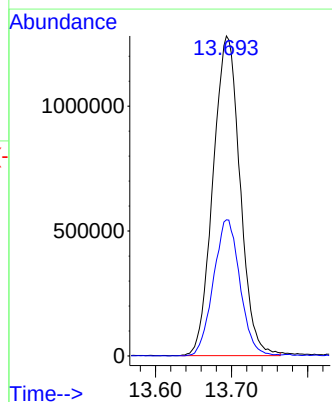
MMDadoda
1/21/2021 6:36:18 PM

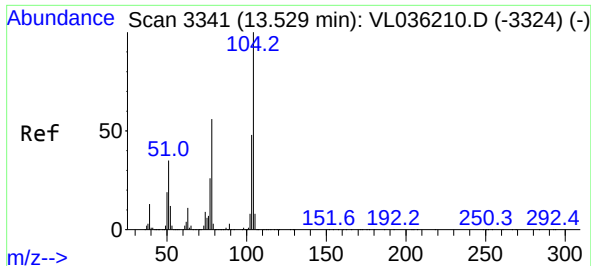


#60
o-Xylene
Concen: 8.68 ppbv
RT: 13.693 min Scan# 3392
Delta R.T. 0.003 min
Lab File: VL036259.D
Acq: 20 Jan 2021 23:21



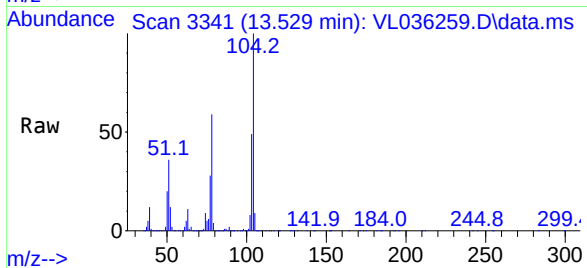
Tgt Ion: 91 Resp: 3151119
Ion Ratio Lower Upper
91 100
106 42.2 21.9 65.8





#61
Styrene
Concen: 9.39 ppbv
RT: 13.529 min Scan# 3341
Delta R.T. -0.000 min
Lab File: VL036259.D
Acq: 20 Jan 2021 23:21

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

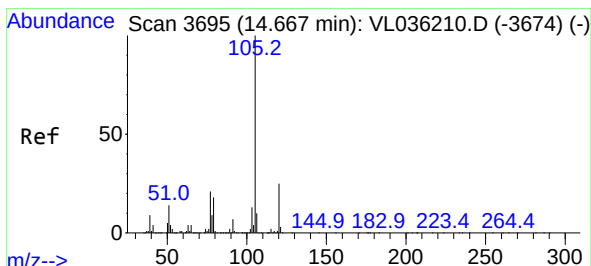
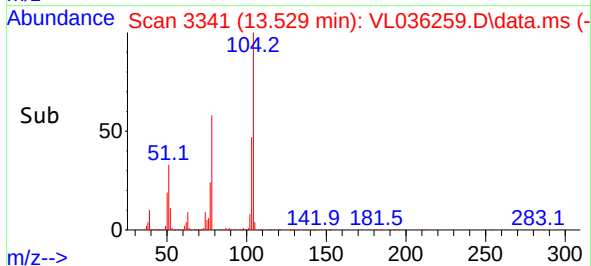
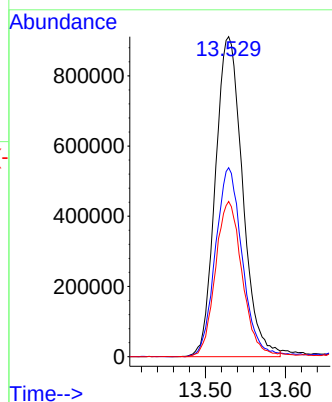


Tgt Ion:104 Resp: 2153801

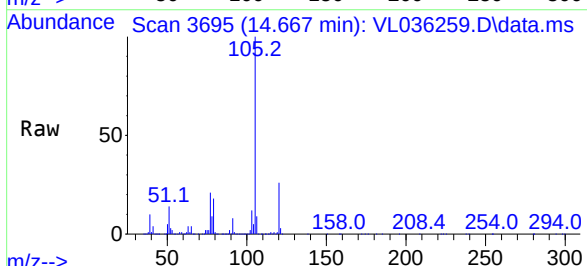
Ion	Ratio	Lower	Upper
104	100		
78	58.9	46.8	70.2
103	48.6	38.4	57.6

Manual Integrations
APPROVED

MMDadoda
1/21/2021 6:36:18 PM

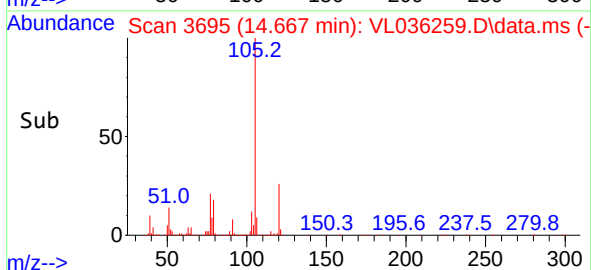
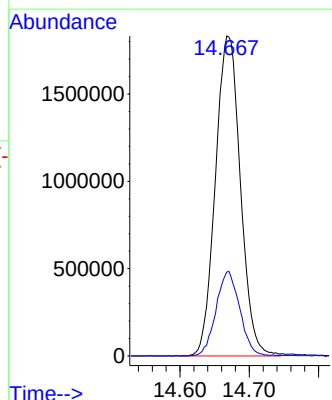


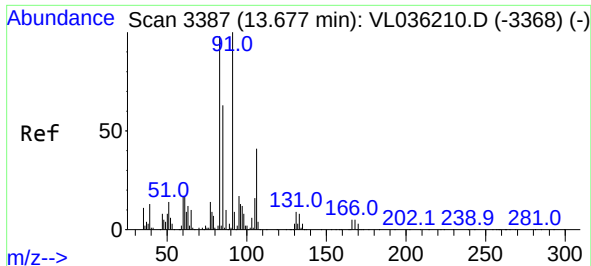
#62
Isopropylbenzene
Concen: 8.51 ppbv
RT: 14.667 min Scan# 3695
Delta R.T. -0.000 min
Lab File: VL036259.D
Acq: 20 Jan 2021 23:21



Tgt Ion:105 Resp: 4594840

Ion	Ratio	Lower	Upper
105	100		
120	25.4	20.3	30.5





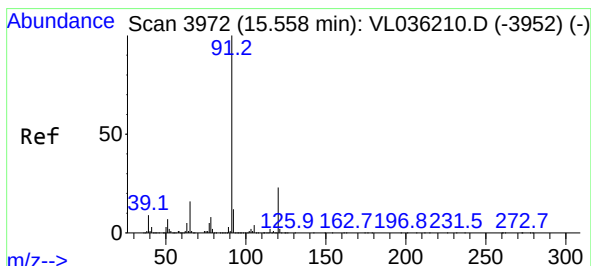
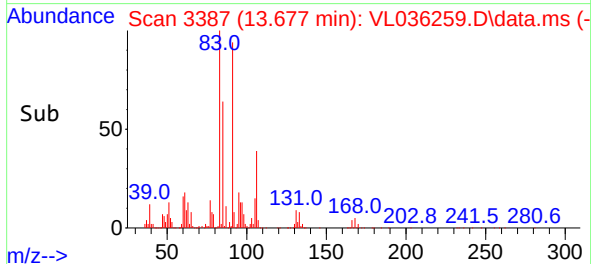
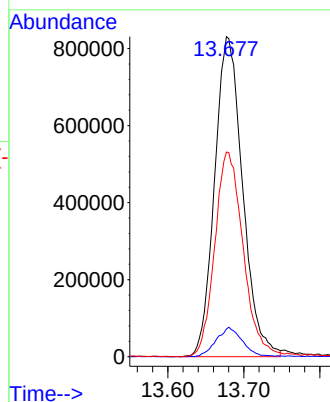
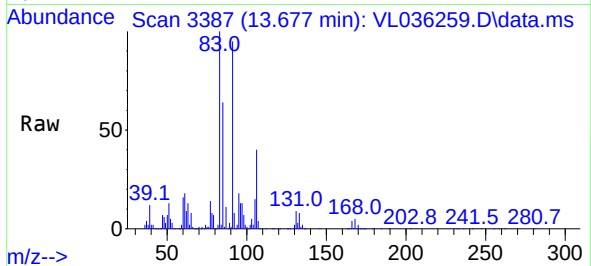
#63
1,1,2,2-Tetrachloroethane
Concen: 7.87 ppbv
RT: 13.677 min Scan# 3387
Delta R.T. -0.000 min
Lab File: VL036259.D
Acq: 20 Jan 2021 23:21

Tgt Ion: 83 Resp: 2128426
Ion Ratio Lower Upper
83 100
131 8.7 4.5 13.5
85 65.8 33.1 99.3

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

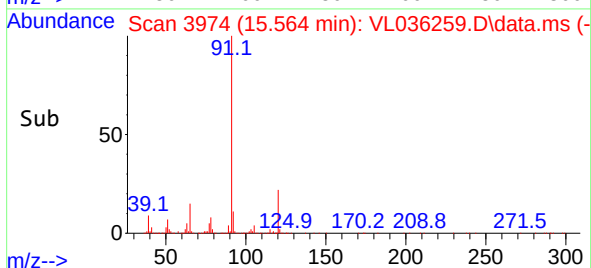
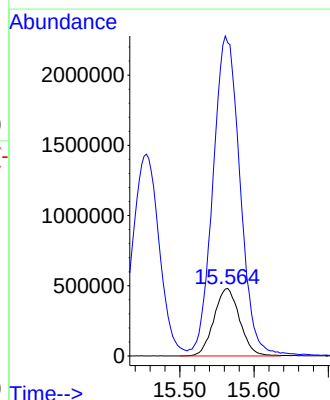
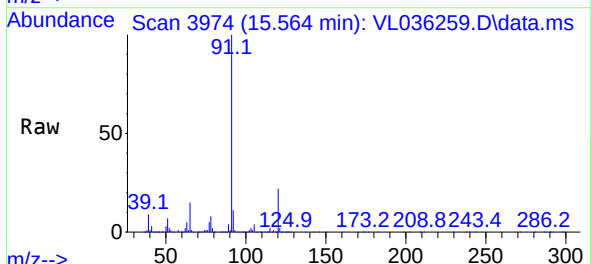
Manual Integrations
APPROVED

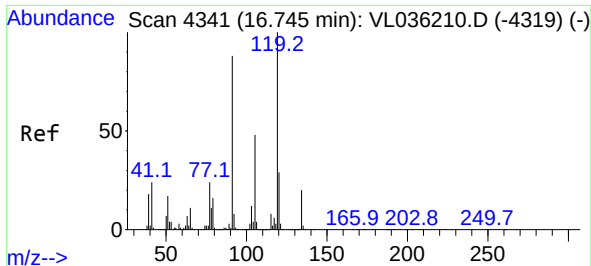
MMDadoda
1/21/2021 6:36:18 PM



#64
n-propylbenzene
Concen: 8.72 ppbv
RT: 15.564 min Scan# 3974
Delta R.T. 0.006 min
Lab File: VL036259.D
Acq: 20 Jan 2021 23:21

Tgt Ion: 120 Resp: 1156777
Ion Ratio Lower Upper
120 100
91 502.0 391.8 587.6





#65
tert-Butylbenzene
Concen: 8.32 ppbv
RT: 16.748 min Scan# 4342
Delta R.T. 0.003 min
Lab File: VL036259.D
Acq: 20 Jan 2021 23:21

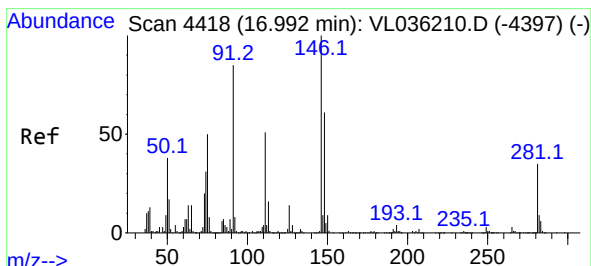
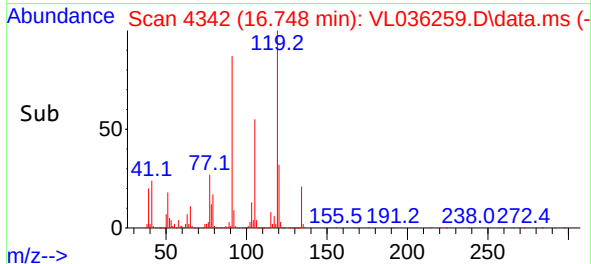
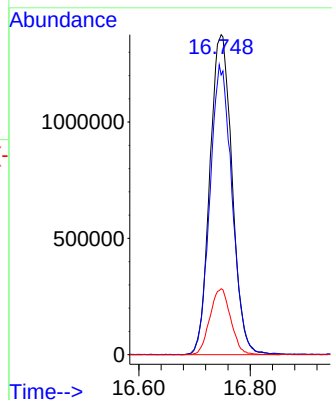
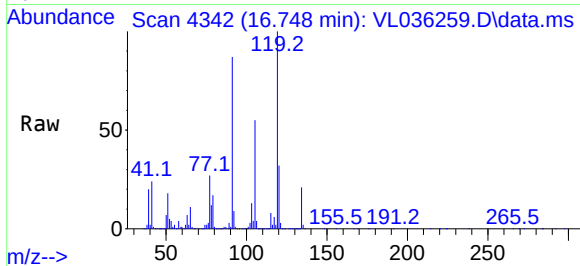
Tgt Ion: 119 Resp: 3808045

Ion	Ratio	Lower	Upper
119	100		
91	90.1	71.0	106.6
134	19.3	15.8	23.6

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Manual Integrations
APPROVED

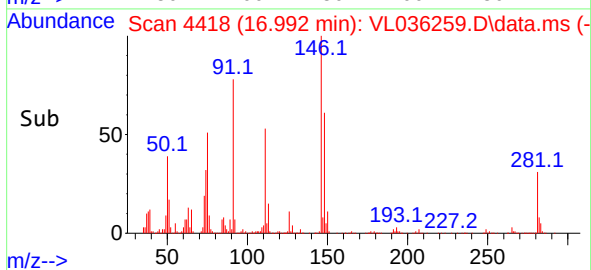
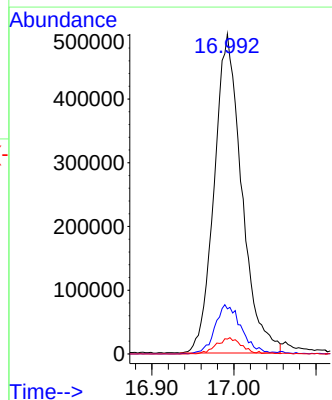
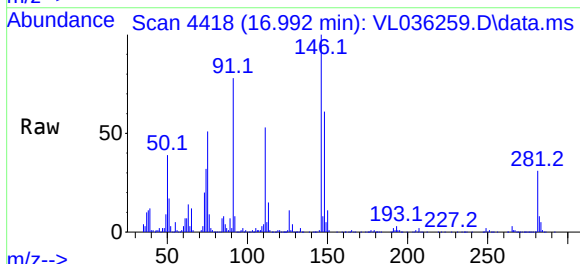
MMDadoda
1/21/2021 6:36:18 PM

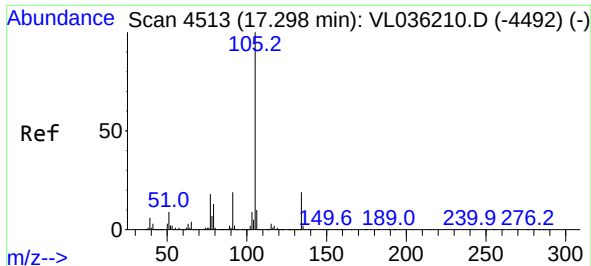


#66
Benzyl Chloride
Concen: 9.99 ppbv
RT: 16.992 min Scan# 4418
Delta R.T. -0.000 min
Lab File: VL036259.D
Acq: 20 Jan 2021 23:21

Tgt Ion: 91 Resp: 1167423

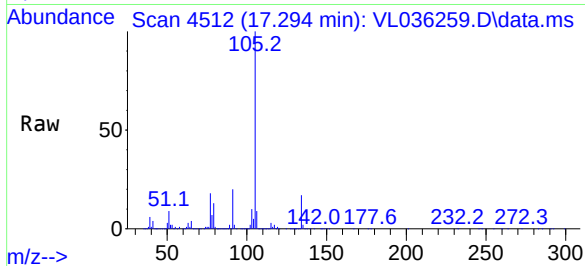
Ion	Ratio	Lower	Upper
91	100		
126	15.3	12.6	19.0
128	4.9	3.8	5.6



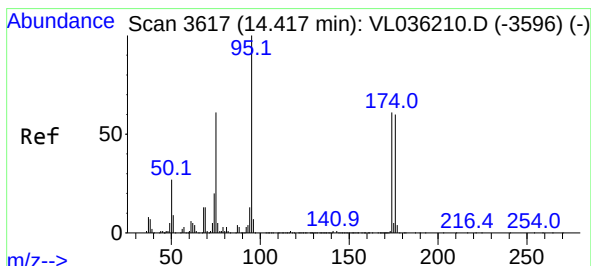
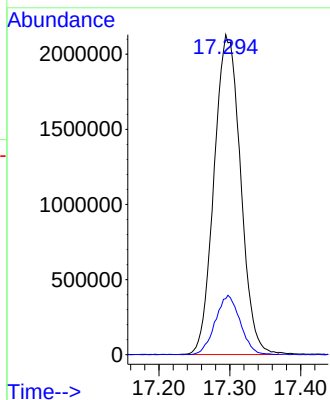
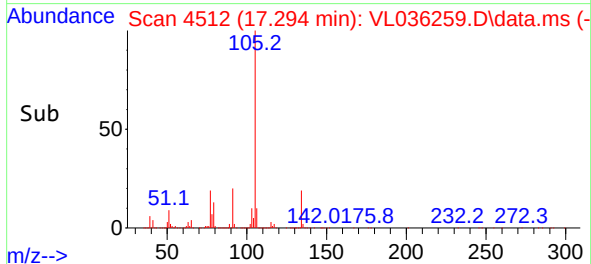


#67
 sec-Butylbenzene
 Concen: 8.14 ppbv
 RT: 17.294 min Scan# 4512
 Delta R.T. -0.003 min
 Lab File: VL036259.D
 Acq: 20 Jan 2021 23:21

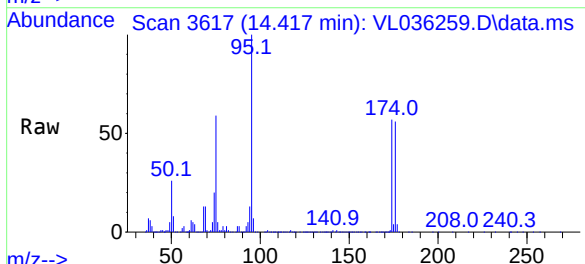
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC



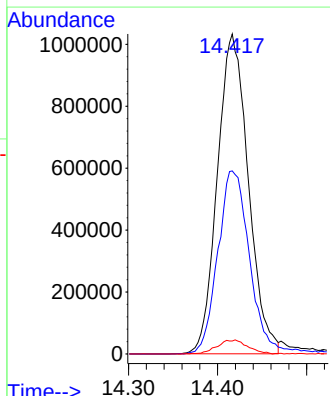
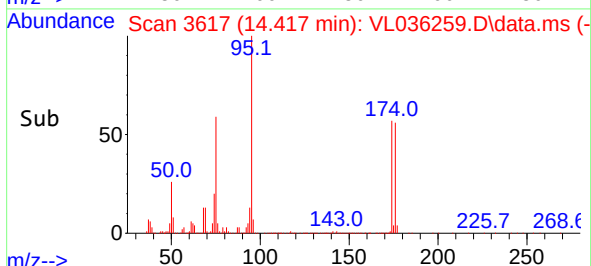
Tgt Ion:105 Resp: 5524773
 Ion Ratio Lower Upper
 105 100
 134 17.6 14.2 21.4

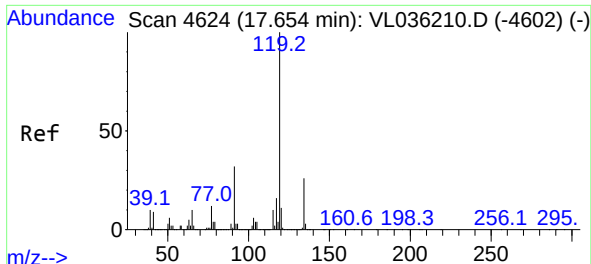


#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.19 ppbv
 RT: 14.417 min Scan# 3617
 Delta R.T. -0.000 min
 Lab File: VL036259.D
 Acq: 20 Jan 2021 23:21



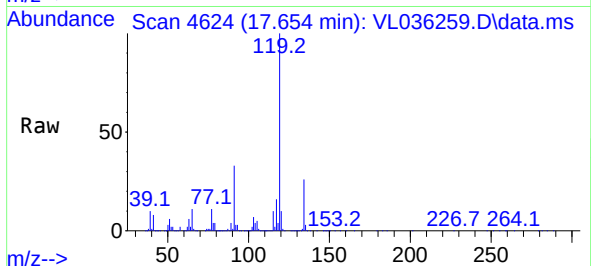
Tgt Ion: 95 Resp: 2490869
 Ion Ratio Lower Upper
 95 100
 174 60.1 49.4 74.0
 175 4.4 3.8 5.8





#69
 p-Isopropyltoluene
 Concen: 8.41 ppbv
 RT: 17.654 min Scan# 4624
 Delta R.T. -0.000 min
 Lab File: VL036259.D
 Acq: 20 Jan 2021 23:21

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC

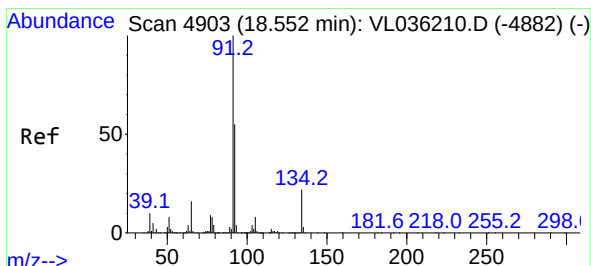
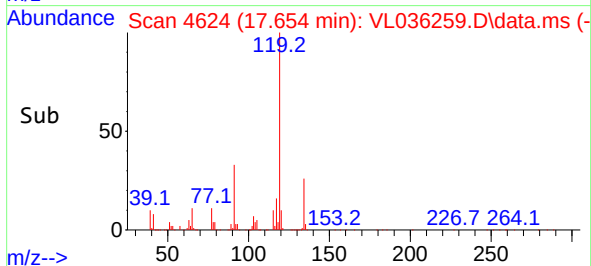
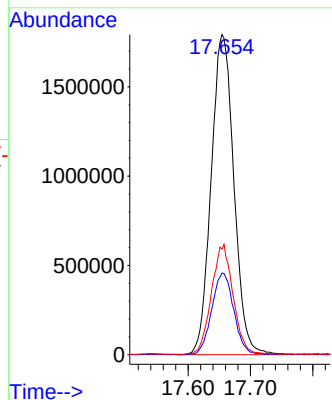


Tgt Ion: 119 Resp: 4530871

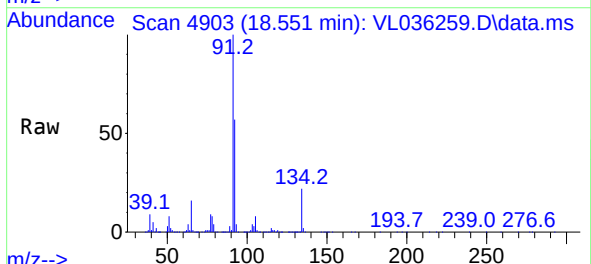
Ion	Ratio	Lower	Upper
119	100		
134	24.8	20.2	30.4
91	32.9	26.0	39.0

Manual Integrations
 APPROVED

MMDadoda
 1/21/2021 6:36:18 PM

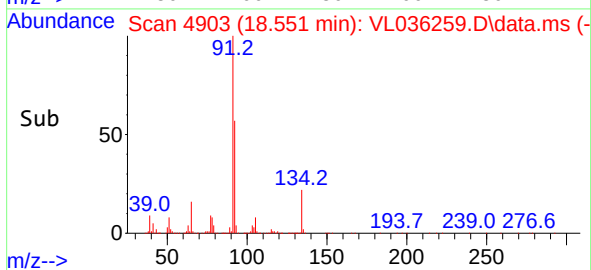
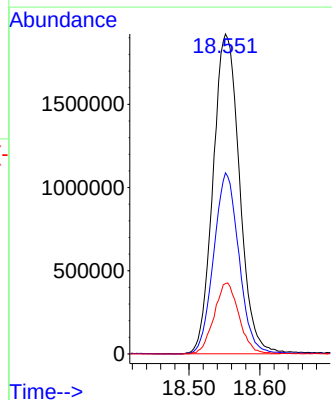


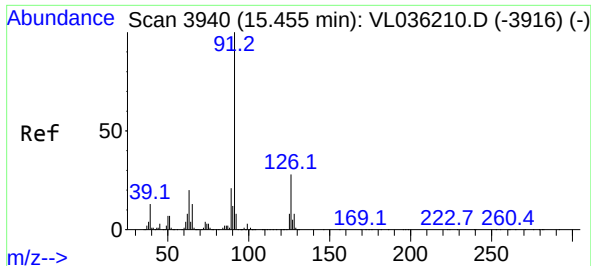
#70
 n-Butylbenzene
 Concen: 8.67 ppbv
 RT: 18.551 min Scan# 4903
 Delta R.T. -0.000 min
 Lab File: VL036259.D
 Acq: 20 Jan 2021 23:21



Tgt Ion: 91 Resp: 4973791

Ion	Ratio	Lower	Upper
91	100		
92	54.3	44.0	66.0
134	21.1	17.0	25.4





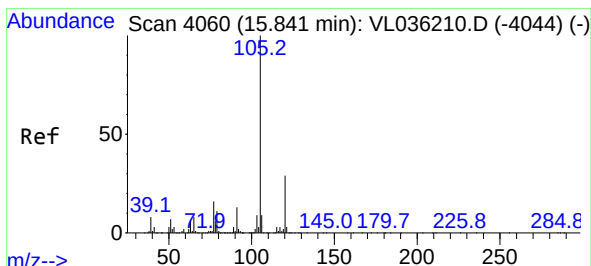
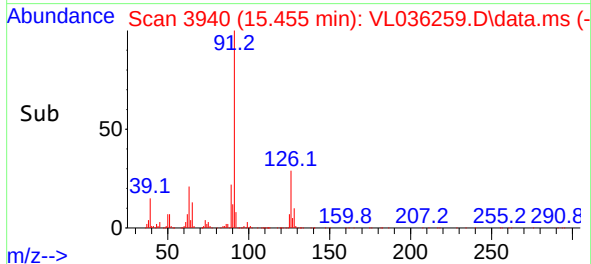
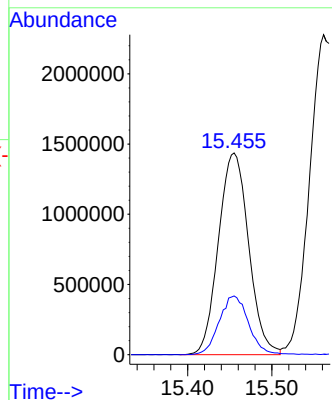
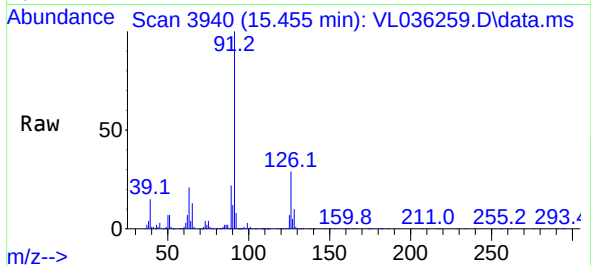
#71
2-Chlorotoluene
Concen: 8.43 ppbv
RT: 15.455 min Scan# 3940
Delta R.T. -0.000 min
Lab File: VL036259.D
Acq: 20 Jan 2021 23:21

Tgt Ion: 91 Resp: 3578074
Ion Ratio Lower Upper
91 100
126 28.4 11.5 45.9

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

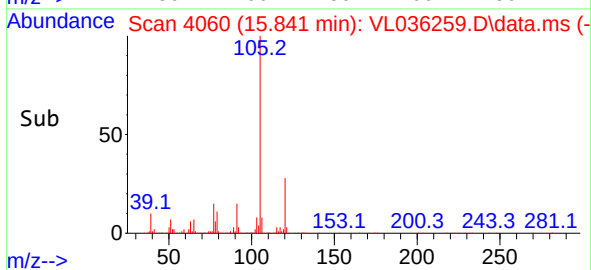
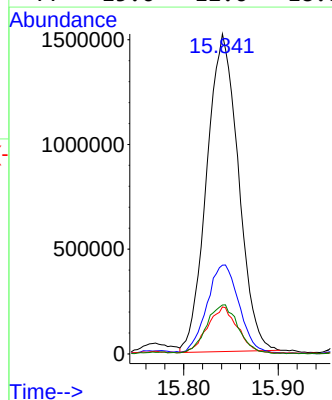
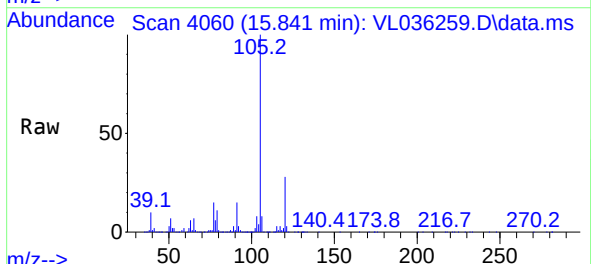
Manual Integrations
APPROVED

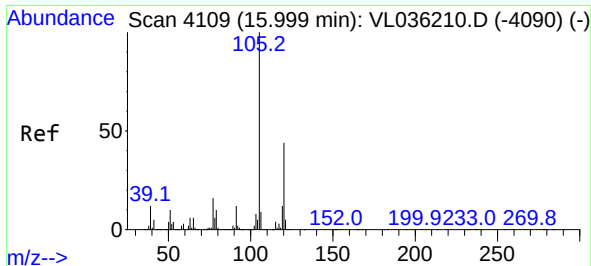
MMDadoda
1/21/2021 6:36:18 PM



#72
4-Ethyltoluene
Concen: 8.60 ppbv
RT: 15.841 min Scan# 4060
Delta R.T. -0.000 min
Lab File: VL036259.D
Acq: 20 Jan 2021 23:21

Tgt Ion: 105 Resp: 3523428
Ion Ratio Lower Upper
105 100
120 29.0 23.7 35.5
91 14.0 11.9 17.9
77 15.6 12.6 18.8





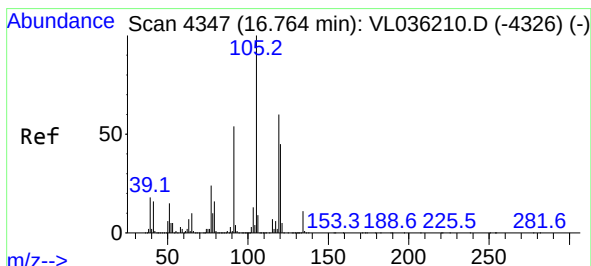
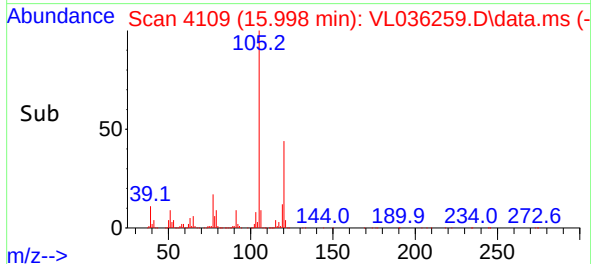
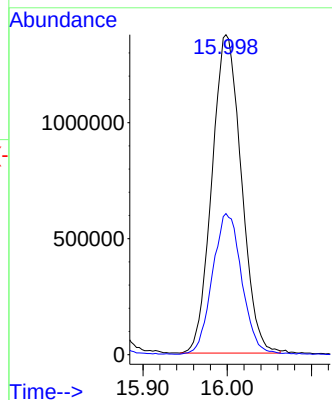
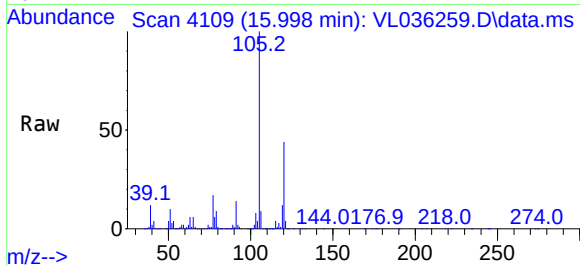
#73
1,3,5-Trimethylbenzene
Concen: 8.52 ppbv
RT: 15.998 min Scan# 4109
Delta R.T. -0.000 min
Lab File: VL036259.D
Acq: 20 Jan 2021 23:21

Tgt Ion:105 Resp: 3328030
Ion Ratio Lower Upper
105 100
120 44.2 35.5 53.3

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

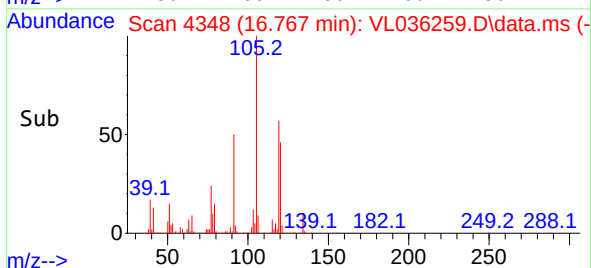
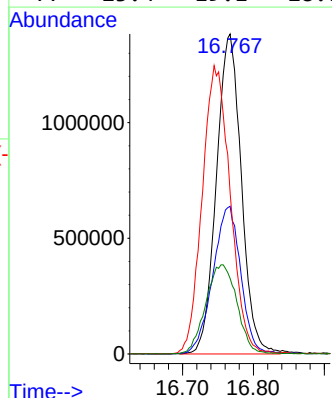
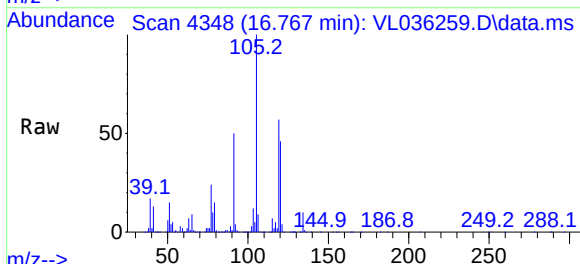
Manual Integrations
APPROVED

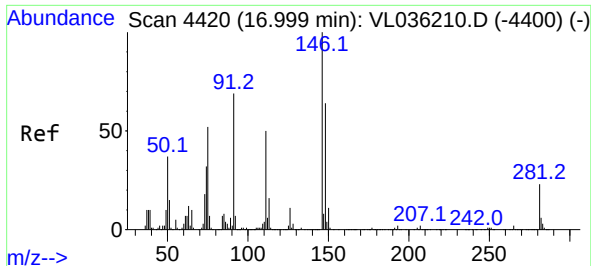
MMDadoda
1/21/2021 6:36:18 PM



#74
1,2,4-Trimethylbenzene
Concen: 8.43 ppbv
RT: 16.767 min Scan# 4348
Delta R.T. 0.003 min
Lab File: VL036259.D
Acq: 20 Jan 2021 23:21

Tgt Ion:105 Resp: 3379576
Ion Ratio Lower Upper
105 100
120 46.0 36.2 54.2
91 50.0 43.3 64.9
77 23.4 19.1 28.7





#75
1,3-Dichlorobenzene
Concen: 8.28 ppbv
RT: 16.998 min Scan# 4420
Delta R.T. -0.000 min
Lab File: VL036259.D
Acq: 20 Jan 2021 23:21

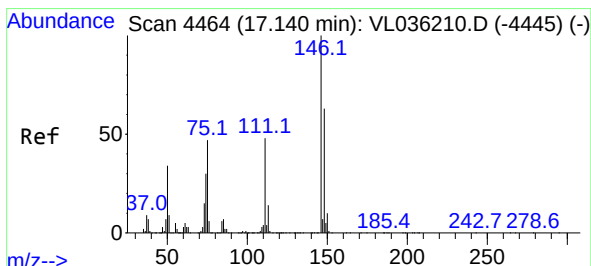
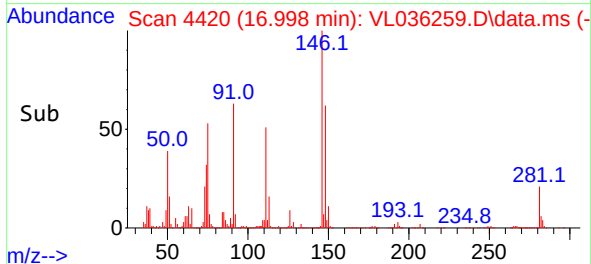
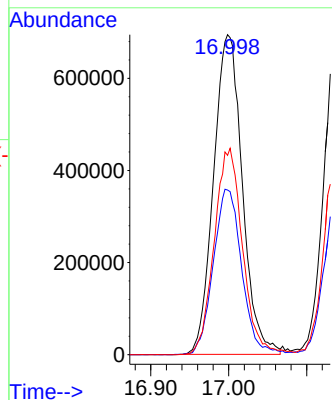
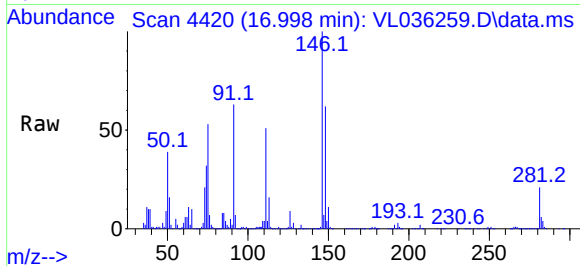
Tgt Ion:146 Resp: 1779546

Ion	Ratio	Lower	Upper
146	100		
111	51.4	25.5	76.5
148	63.8	32.4	97.2

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Manual Integrations
APPROVED

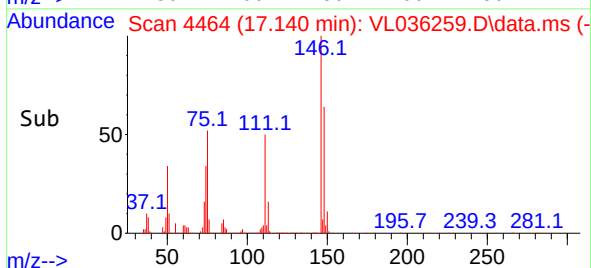
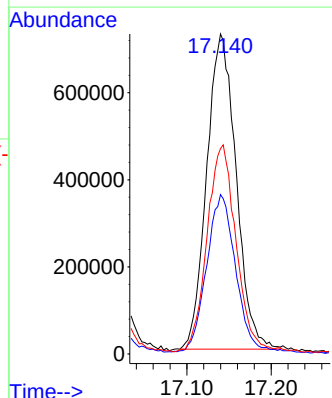
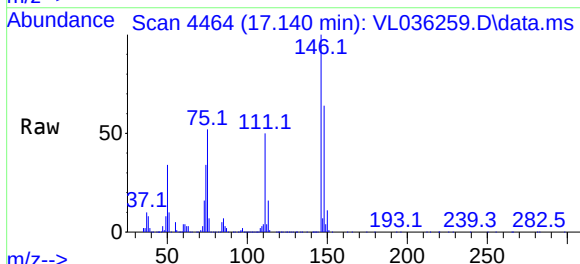
MMDadoda
1/21/2021 6:36:18 PM

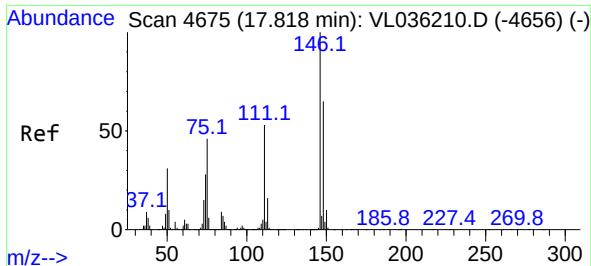


#76
1,4-Dichlorobenzene
Concen: 8.26 ppbv
RT: 17.140 min Scan# 4464
Delta R.T. -0.000 min
Lab File: VL036259.D
Acq: 20 Jan 2021 23:21

Tgt Ion:146 Resp: 1754283

Ion	Ratio	Lower	Upper
146	100		
111	51.2	25.4	76.0
148	67.4	33.3	99.9





#77
1,2-Dichlorobenzene
Concen: 8.55 ppbv
RT: 17.818 min Scan# 4675
Delta R.T. -0.000 min
Lab File: VL036259.D
Acq: 20 Jan 2021 23:21

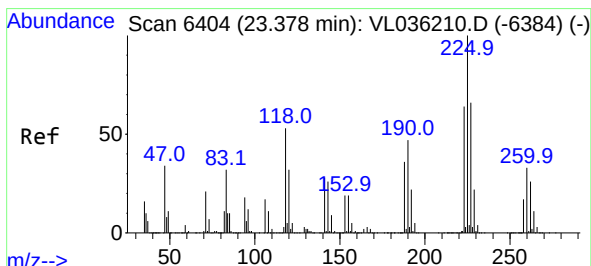
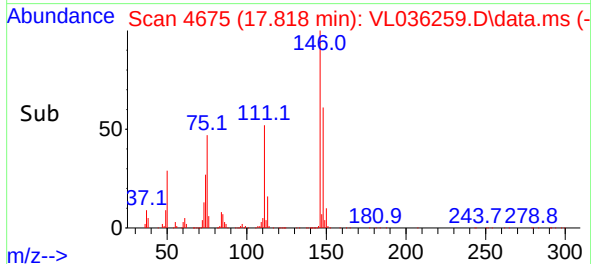
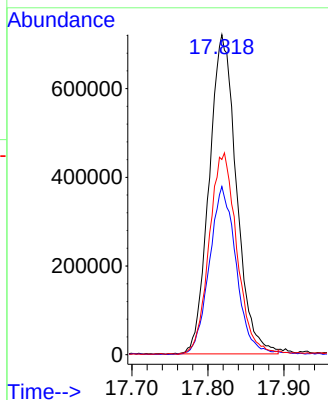
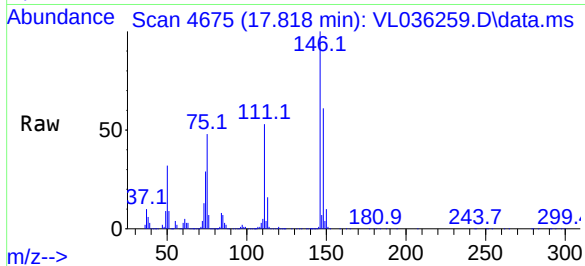
Tgt Ion:146 Resp: 1794317

Ion	Ratio	Lower	Upper
146	100		
111	52.3	26.5	79.4
148	64.7	32.8	98.4

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Manual Integrations
APPROVED

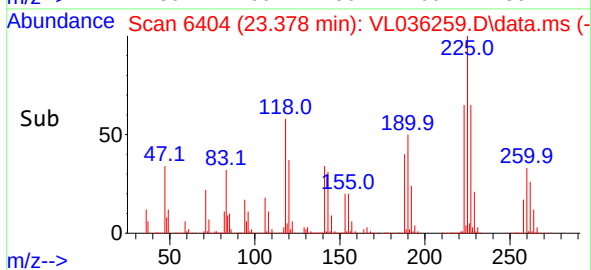
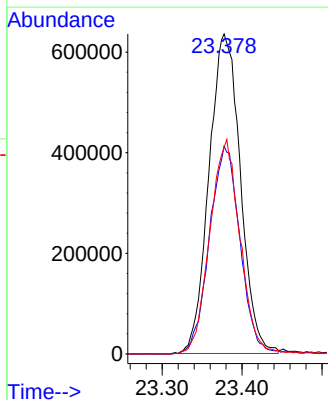
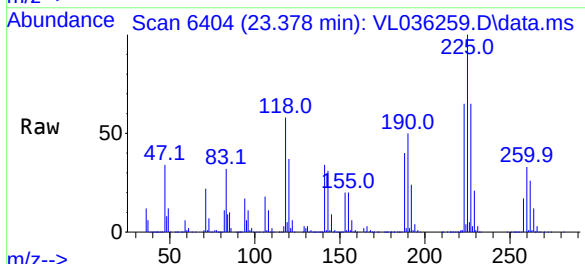
MMDadoda
1/21/2021 6:36:18 PM

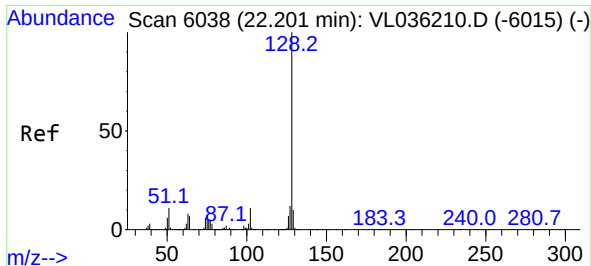


#78
Hexachloro-1,3-Butadiene
Concen: 10.29 ppbv
RT: 23.378 min Scan# 6404
Delta R.T. -0.000 min
Lab File: VL036259.D
Acq: 20 Jan 2021 23:21

Tgt Ion:225 Resp: 1727776

Ion	Ratio	Lower	Upper
225	100		
223	63.8	50.5	75.7
227	65.3	51.7	77.5





#79
Naphthalene
Concen: 15.04 ppbv
RT: 22.198 min Scan# 6037
Delta R.T. -0.003 min
Lab File: VL036259.D
Acq: 20 Jan 2021 23:21

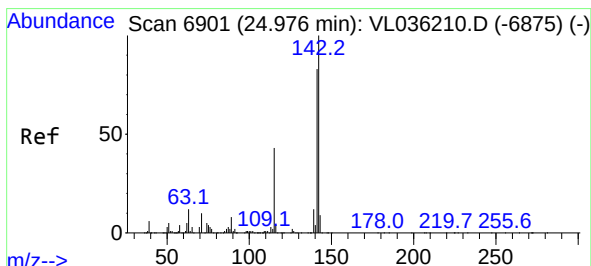
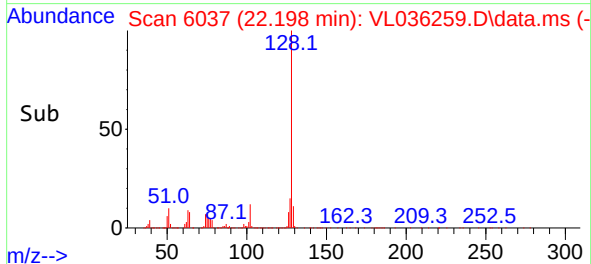
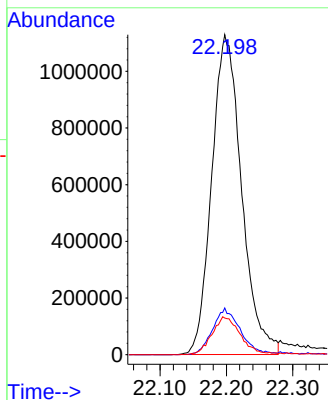
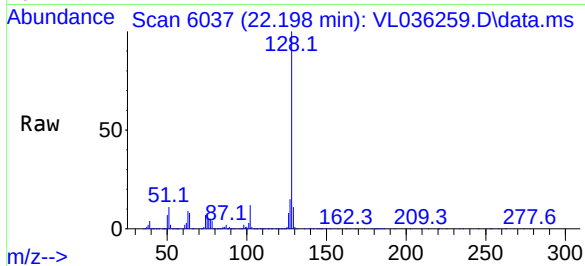
Tgt Ion:128 Resp: 3523418

Ion	Ratio	Lower	Upper
128	100		
127	14.6	9.9	14.9
129	11.4	8.4	12.6

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Manual Integrations
APPROVED

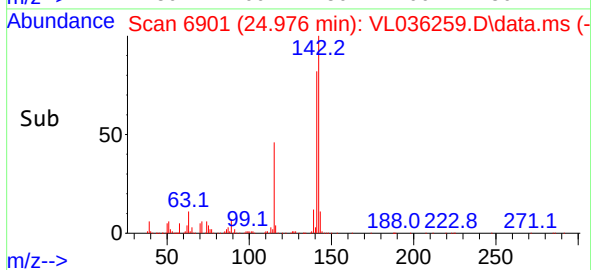
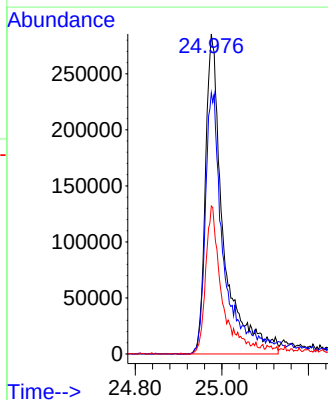
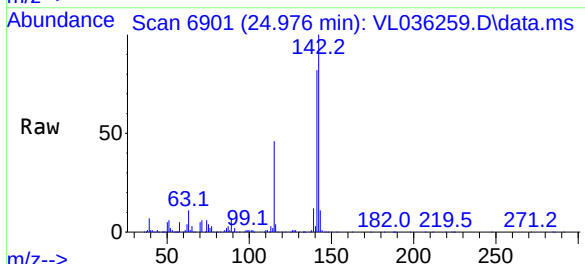
MMDadoda
1/21/2021 6:36:18 PM

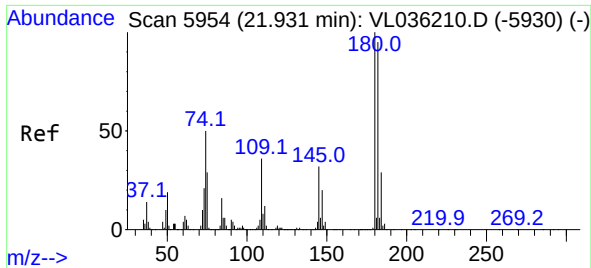


#80
Naphthalene,2-methyl-
Concen: 16.43 ppbv
RT: 24.976 min Scan# 6901
Delta R.T. -0.000 min
Lab File: VL036259.D
Acq: 20 Jan 2021 23:21

Tgt Ion:142 Resp: 821329

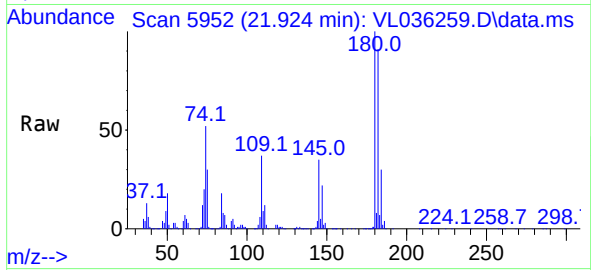
Ion	Ratio	Lower	Upper
142	100		
141	85.2	68.6	102.8
115	44.9	32.9	49.3





#81
 1,2,4-Trichlorobenzene
 Concen: 12.83 ppbv m
 RT: 21.924 min Scan# 5952
 Delta R.T. -0.007 min
 Lab File: VL036259.D
 Acq: 20 Jan 2021 23:21

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC



Tgt Ion:180 Resp: 1753711

Ion	Ratio	Lower	Upper
180	100		
182	0.0	79.9	119.9#
184	32.5	25.6	38.4

Manual Integrations
 APPROVED

MMDadoda
 1/21/2021 6:36:18 PM

