

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL012021\
 Data File : VL036243.D
 Acq On : 20 Jan 2021 9:55
 Operator : SY/AP
 Sample : VSTDCCC010
 Misc : 400ml/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

Manual Integrations
 APPROVED

MMDadoda
 1/21/2021 10:35:53 AM

Quant Time: Jan 21 01:33:41 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	5.677	49	1443381	10.00	ppbv	0.02
33) 1,4-Difluorobenzene	7.189	114	3266822	10.00	ppbv	0.02
55) Chlorobenzene-d5	12.098	117	3146777m	10.00	ppbv	0.01

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene 14.433 95 2605942 10.00 ppbv 0.02
 Spiked Amount 10.000 Range 65 - 135 Recovery = 100.00%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	3.050	85	1730821	8.95	ppbv	100
3) Chlorodifluoromethane	2.993	51	1781530	10.05	ppbv	98
4) Chloromethane	3.144	50	863296	9.85	ppbv	98
5) Vinyl Chloride	3.263	62	863544	10.42	ppbv	98
6) Bromomethane	3.481	94	472041	10.18	ppbv	98
7) Chloroethane	3.562	64	294053	10.30	ppbv	95
8) Dichlorotetrafluoroethane	3.192	85	1903327	10.15	ppbv	98
9) Propene	3.012	41	777237	9.21	ppbv	99
10) Heptane	8.134	43	2053511	9.80	ppbv	100
11) Trichlorofluoromethane	3.954	101	2034407	10.34	ppbv	97
12) 1,1,2-Trichlorotrifluo...	4.491	101	1250194	10.48	ppbv	97
13) Ethanol	3.613	45	128848	9.72	ppbv	91
14) Bromoethene	3.745	108	545900	10.05	ppbv	98
15) Acetone	3.858	43	1657803	9.38	ppbv	98
16) 1,3-Butadiene	3.333	39	861986	10.01	ppbv	99
17) tert-Butyl alcohol	4.298	59	1455785	9.98	ppbv	100
18) 1,1-Dichloroethene	4.295	96	571167	10.33	ppbv	97
19) Isopropyl Alcohol	3.980	45	1016448	9.54	ppbv	99
20) Methylene Chloride	4.349	84	482420	8.55	ppbv	97
21) Allyl Chloride	4.420	41	983955	10.23	ppbv	95
22) trans-1,2-Dichloroethene	4.890	96	542805	10.63	ppbv	95
23) Vinyl Acetate	5.083	43	2287431	10.68	ppbv	98
24) 1,1-Dichloroethane	5.018	63	1602019	10.32	ppbv	99
25) Ethyl Acetate	5.687	43	3423054	9.64	ppbv	99
26) Hexane	5.693	57	1407961	9.53	ppbv	98
27) Carbon Disulfide	4.558	76	1424696	12.06	ppbv	99
28) Methyl tert-Butyl Ether	5.044	73	2033160	10.17	ppbv	97
29) Chloroform	5.764	83	2186831	10.34	ppbv	98
30) Cyclohexane	7.140	84	1170461	10.37	ppbv	99
31) cis-1,2-Dichloroethene	5.558	61	1476763	10.46	ppbv	92
32) 1,1,1-Trichloroethane	6.523	97	2177911	10.64	ppbv	100
34) 2-Butanone	5.253	43	2220926	9.23	ppbv	98
35) Carbon Tetrachloride	7.031	117	2122710	10.28	ppbv	97
36) Benzene	6.902	78	2896918	9.68	ppbv	99
37) 1,2-Dichloroethane	6.317	62	1831237	10.17	ppbv	100
38) Trichloroethene	7.848	130	925246	8.35	ppbv	95
39) 1,2-Dichloropropane	7.623	63	1206024	9.92	ppbv	98
40) 1,4-Dioxane	7.838	88	412895m	9.39	ppbv	
41) Tetrahydrofuran	6.060	42	1339255	9.63	ppbv	98
42) Bromodichloromethane	7.806	83	2363154	10.44	ppbv	99
43) Methyl Methacrylate	8.025	69	1317057	10.35	ppbv	96
44) 2,2,4-Trimethylpentane	7.880	57	4985079	9.07	ppbv	99
45) t-1,3-Dichloropropene	9.288	75	1434805	11.88	ppbv	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL012021\
 Data File : VL036243.D
 Acq On : 20 Jan 2021 9:55
 Operator : SY/AP
 Sample : VSTDCCC010
 Misc : 400ml/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

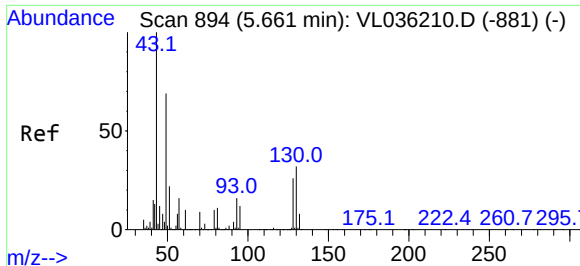
Manual Integrations
 APPROVED

MMDadoda
 1/21/2021 10:35:53 AM

Quant Time: Jan 21 01:33:41 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

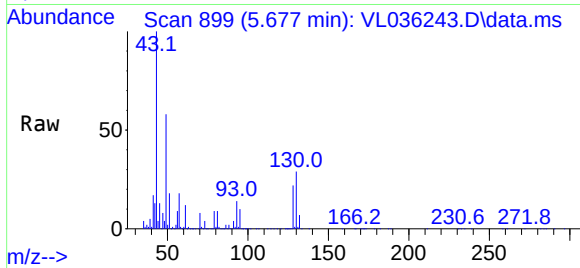
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.716	75	1713500	11.04	ppbv	96
47) 1,1,2-Trichloroethane	9.488	97	1130940	9.73	ppbv	95
48) Dibromochloromethane	10.317	129	1843055	10.83	ppbv	99
49) Bromoform	13.057	173	1528343	10.76	ppbv	98
50) 4-Methyl-2-Pentanone	8.754	43	3419700	9.53	ppbv	100
51) 2-Hexanone	10.143	43	2895430	10.23	ppbv	99
52) Tetrachloroethene	11.237	164	904852	8.20	ppbv	98
53) Toluene	9.819	91	3233816	9.66	ppbv	100
54) 1,2-Dibromoethane	10.626	107	1698840	9.86	ppbv	99
56) 1,1,1,2-Tetrachloroethane	12.140	131	1357650	9.67	ppbv	99
57) Chlorobenzene	12.159	112	2257200	9.14	ppbv	98
58) Ethyl Benzene	12.725	91	4376015	9.37	ppbv	99
59) m/p-Xylene	13.012	91	7379626m	18.39	ppbv	
60) o-Xylene	13.709	91	3419569	8.84	ppbv	100
61) Styrene	13.542	104	2447358	10.02	ppbv	99
62) Isopropylbenzene	14.683	105	5162890	8.98	ppbv	99
63) 1,1,2,2-Tetrachloroethane	13.693	83	2445940	8.49	ppbv	100
64) n-propylbenzene	15.581	120	1294835	9.16	ppbv	96
65) tert-Butylbenzene	16.761	119	4325672	8.88	ppbv	99
66) Benzyl Chloride	17.008	91	1574338	12.65	ppbv	99
67) sec-Butylbenzene	17.310	105	6289610	8.70	ppbv	99
69) p-Isopropyltoluene	17.667	119	5087114	8.87	ppbv	99
70) n-Butylbenzene	18.568	91	5580844	9.13	ppbv	100
71) 2-Chlorotoluene	15.468	91	4086723	9.04	ppbv	100
72) 4-Ethyltoluene	15.854	105	3973863	9.10	ppbv	99
73) 1,3,5-Trimethylbenzene	16.015	105	3760217	9.04	ppbv	97
74) 1,2,4-Trimethylbenzene	16.780	105	3841404	9.00	ppbv	99
75) 1,3-Dichlorobenzene	17.011	146	2023403	8.84	ppbv	99
76) 1,4-Dichlorobenzene	17.153	146	2017893	8.92	ppbv	99
77) 1,2-Dichlorobenzene	17.834	146	2024963	9.06	ppbv	99
78) Hexachloro-1,3-Butadiene	23.390	225	1461623	8.17	ppbv	100
79) Naphthalene	22.217	128	2791176	11.19	ppbv	99
80) Naphthalene,2-methyl-	24.992	142	779418	14.64	ppbv	96
81) 1,2,4-Trichlorobenzene	21.947	180	1438289	9.88	ppbv	98

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



#1
Bromochloromethane
Concen: 10.00 ppbv
RT: 5.677 min Scan# 899
Delta R.T. 0.016 min
Lab File: VL036243.D
Acq: 20 Jan 2021 9:55

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

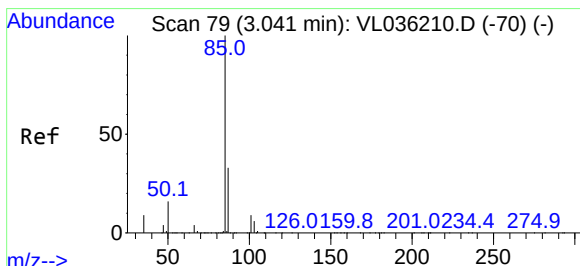
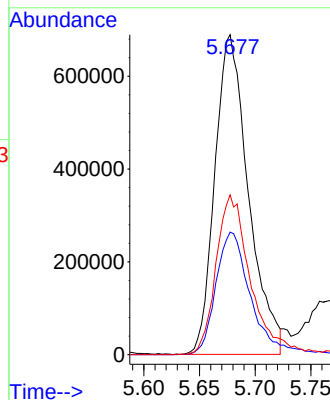
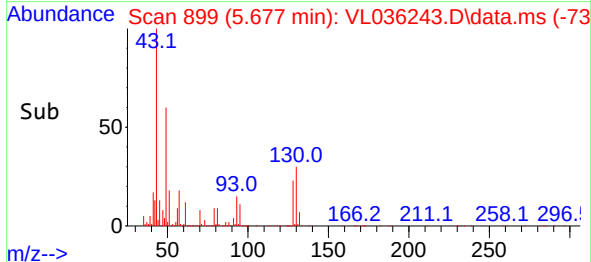


Tgt Ion: 49 Resp: 1443381

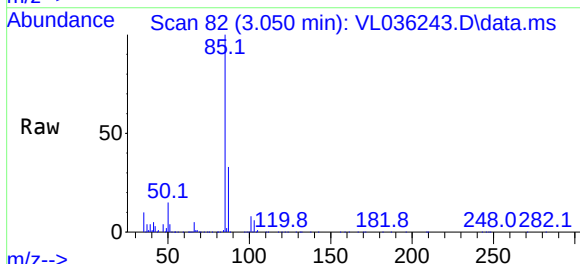
Ion	Ratio	Lower	Upper
49	100		
128	40.7	20.1	60.2
130	52.1	25.3	75.9

Manual Integrations
APPROVED

MMDadoda
1/21/2021 10:35:53 AM

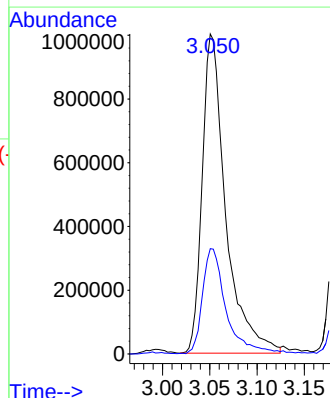
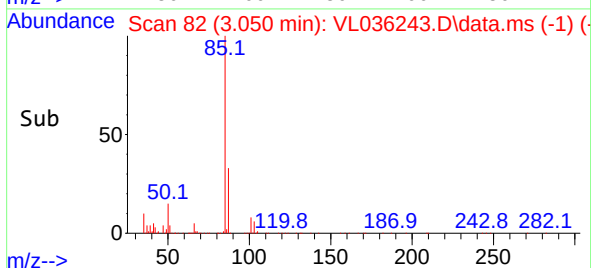


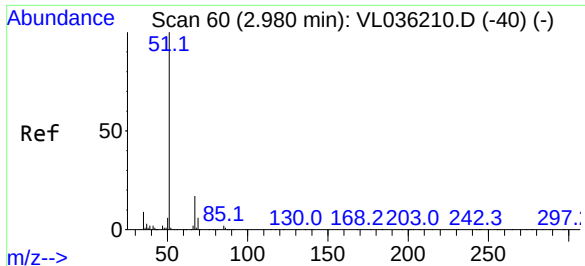
#2
Dichlorodifluoromethane
Concen: 8.95 ppbv
RT: 3.050 min Scan# 82
Delta R.T. 0.010 min
Lab File: VL036243.D
Acq: 20 Jan 2021 9:55



Tgt Ion: 85 Resp: 1730821

Ion	Ratio	Lower	Upper
85	100		
87	32.8	26.4	39.6





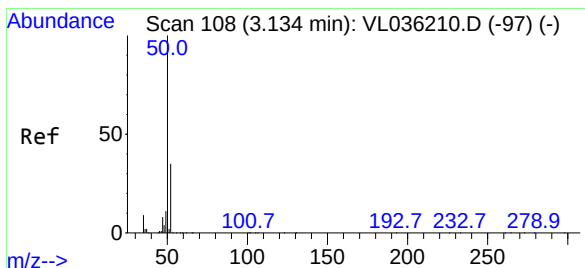
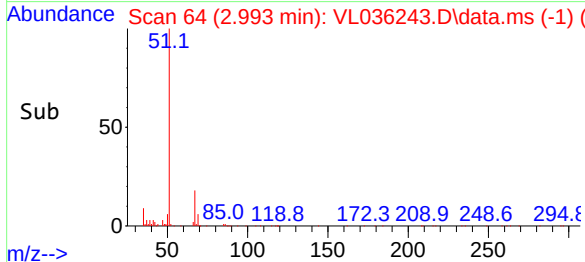
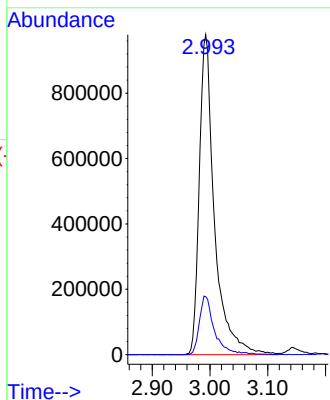
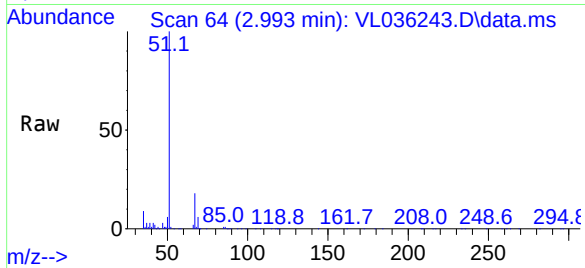
#3
Chlorodifluoromethane
Concen: 10.05 ppbv
RT: 2.993 min Scan# 64
Delta R.T. 0.013 min
Lab File: VL036243.D
Acq: 20 Jan 2021 9:55

Tgt Ion: 51 Resp: 1781530
Ion Ratio Lower Upper
51 100
67 18.4 14.0 21.0

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

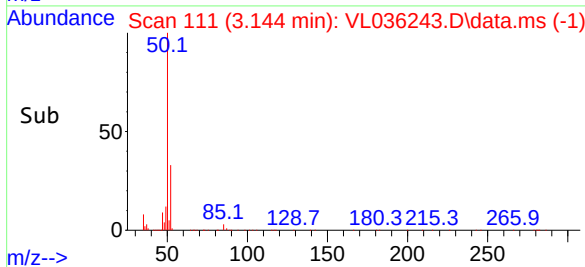
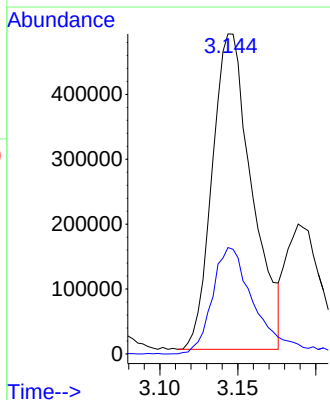
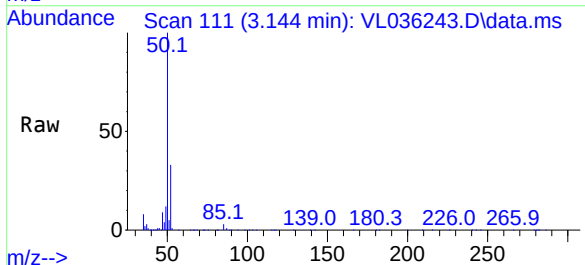
Manual Integrations
APPROVED

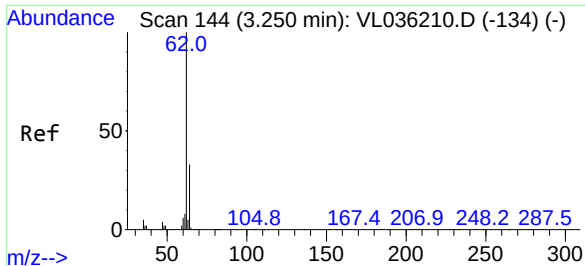
MMDadoda
1/21/2021 10:35:53 AM



#4
Chloromethane
Concen: 9.85 ppbv
RT: 3.144 min Scan# 111
Delta R.T. 0.010 min
Lab File: VL036243.D
Acq: 20 Jan 2021 9:55

Tgt Ion: 50 Resp: 863296
Ion Ratio Lower Upper
50 100
52 33.7 27.8 41.8





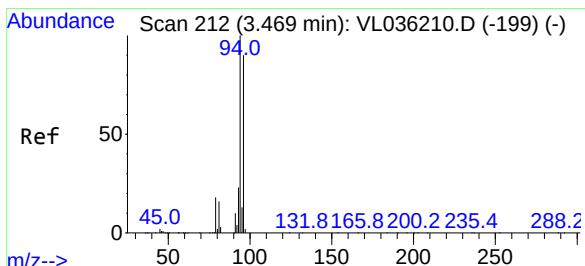
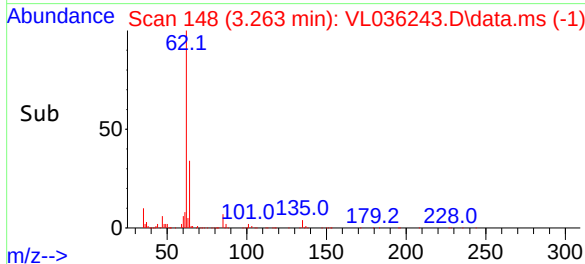
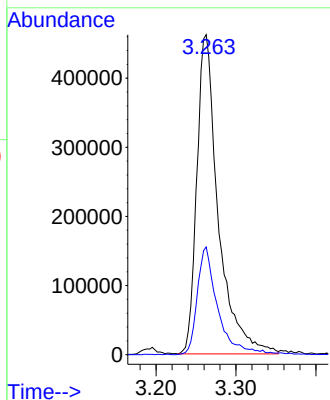
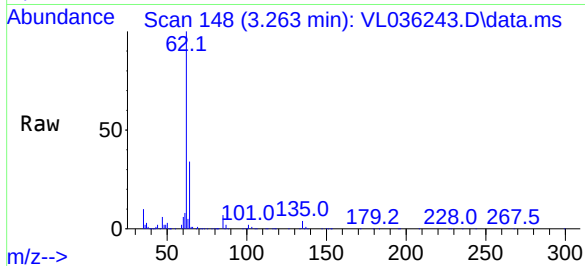
#5
Vinyl Chloride
Concen: 10.42 ppbv
RT: 3.263 min Scan# 148
Delta R.T. 0.013 min
Lab File: VL036243.D
Acq: 20 Jan 2021 9:55

Tgt Ion: 62 Resp: 863544
Ion Ratio Lower Upper
62 100
64 33.6 26.2 39.2

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

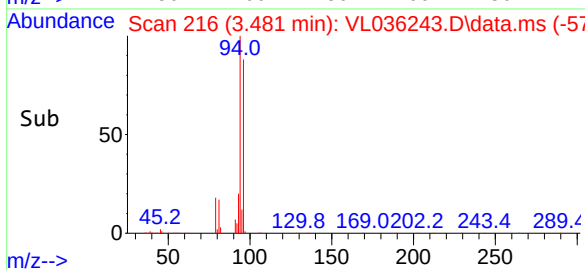
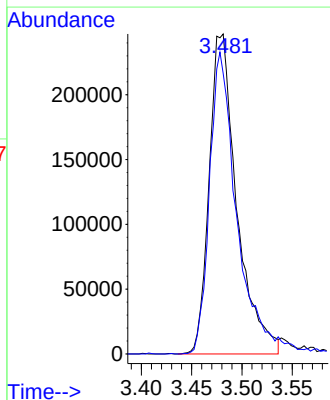
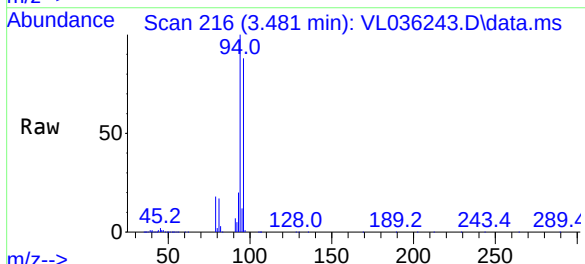
Manual Integrations
APPROVED

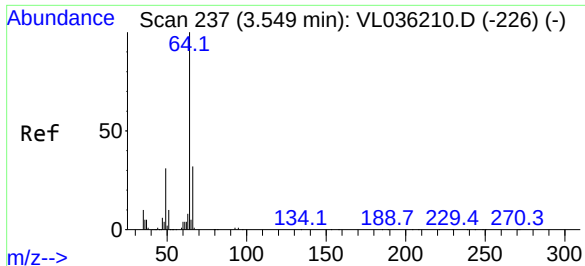
MMDadoda
1/21/2021 10:35:53 AM



#6
Bromomethane
Concen: 10.18 ppbv
RT: 3.481 min Scan# 216
Delta R.T. 0.013 min
Lab File: VL036243.D
Acq: 20 Jan 2021 9:55

Tgt Ion: 94 Resp: 472041
Ion Ratio Lower Upper
94 100
96 87.7 71.9 107.9





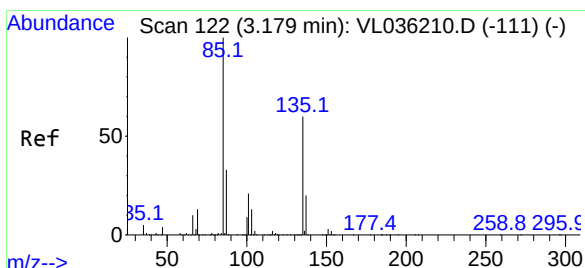
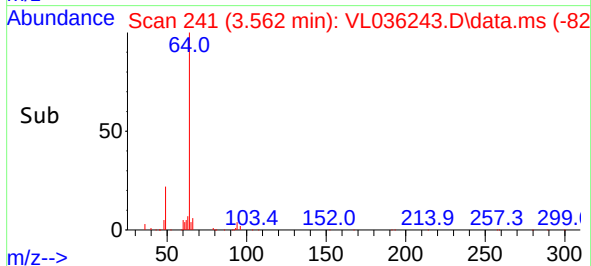
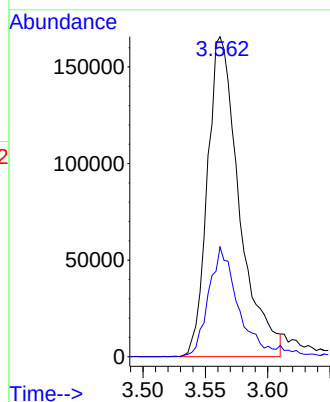
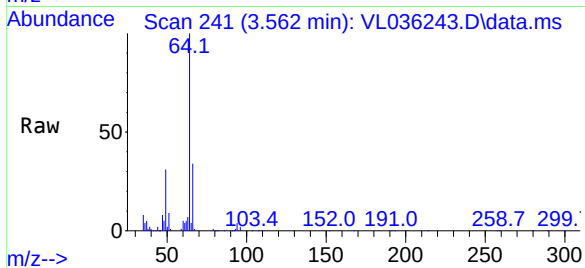
#7
Chloroethane
Concen: 10.30 ppbv
RT: 3.562 min Scan# 241
Delta R.T. 0.013 min
Lab File: VL036243.D
Acq: 20 Jan 2021 9:55

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 64 Resp: 294053
Ion Ratio Lower Upper
64 100
66 34.3 25.2 37.8

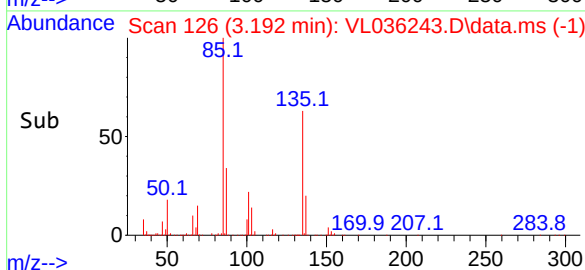
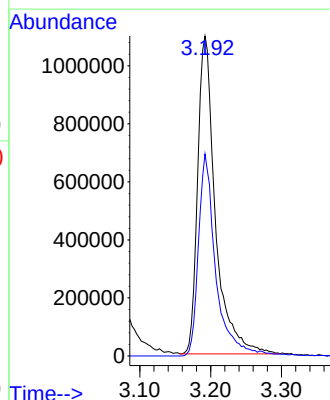
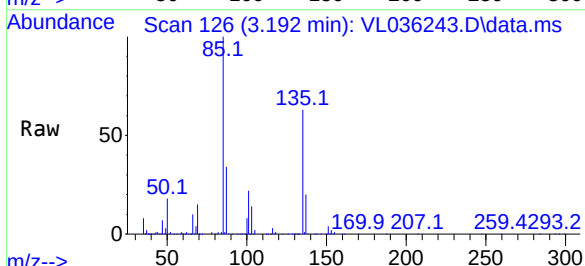
Manual Integrations
APPROVED

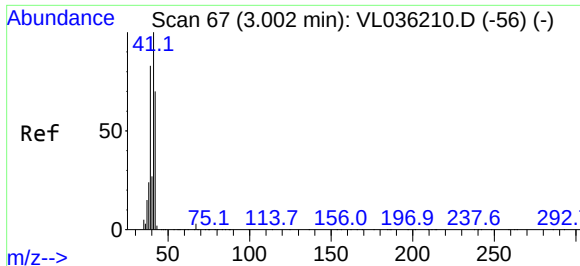
MMDadoda
1/21/2021 10:35:53 AM



#8
Dichlorotetrafluoroethane
Concen: 10.15 ppbv
RT: 3.192 min Scan# 126
Delta R.T. 0.013 min
Lab File: VL036243.D
Acq: 20 Jan 2021 9:55

Tgt Ion: 85 Resp: 1903327
Ion Ratio Lower Upper
85 100
135 62.8 51.5 77.3





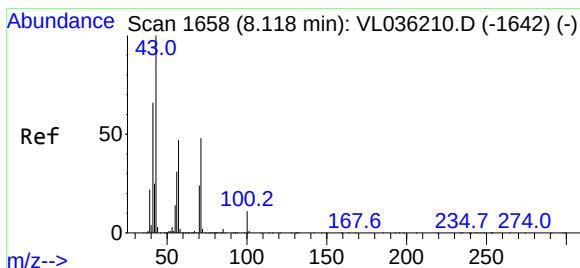
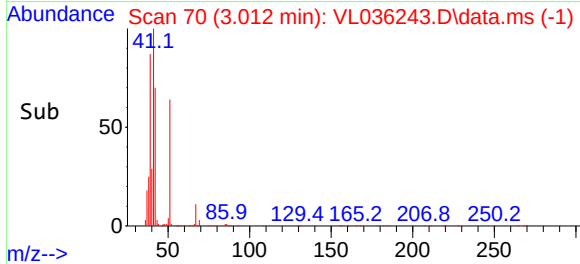
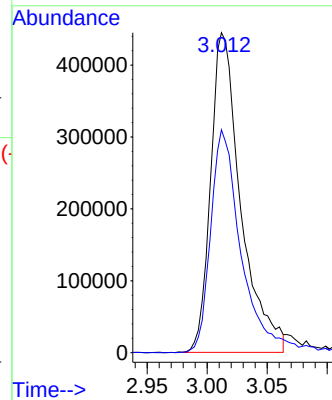
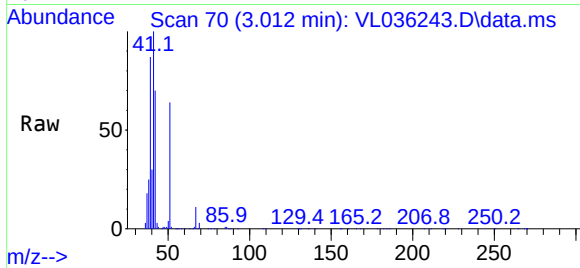
#9
Propene
Concen: 9.21 ppbv
RT: 3.012 min Scan# 70
Delta R.T. 0.010 min
Lab File: VL036243.D
Acq: 20 Jan 2021 9:55

Tgt Ion: 41 Resp: 777237
Ion Ratio Lower Upper
41 100
42 72.6 57.1 85.7

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

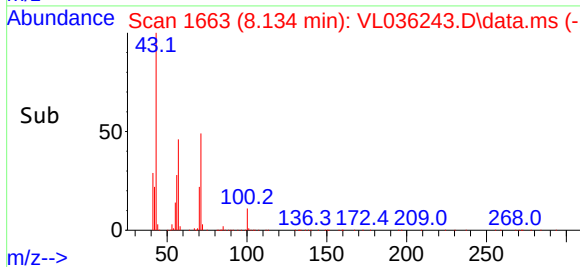
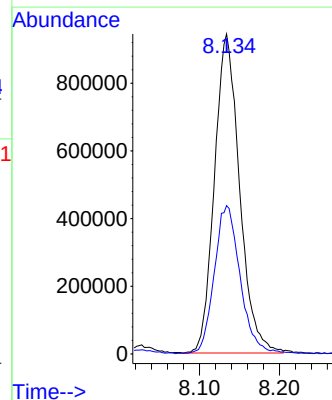
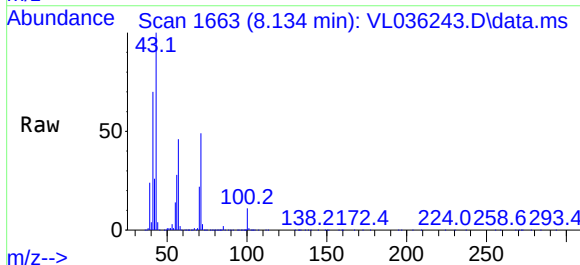
Manual Integrations
APPROVED

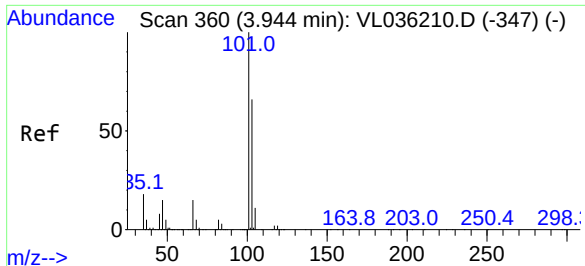
MMDadoda
1/21/2021 10:35:53 AM



#10
Heptane
Concen: 9.80 ppbv
RT: 8.134 min Scan# 1663
Delta R.T. 0.016 min
Lab File: VL036243.D
Acq: 20 Jan 2021 9:55

Tgt Ion: 43 Resp: 2053511
Ion Ratio Lower Upper
43 100
57 47.6 38.1 57.1





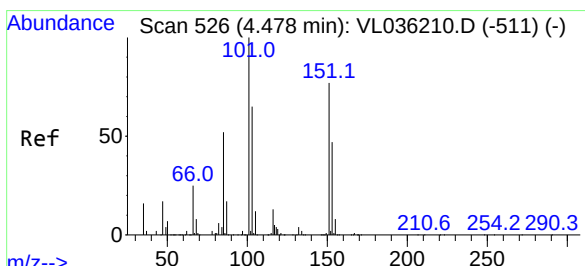
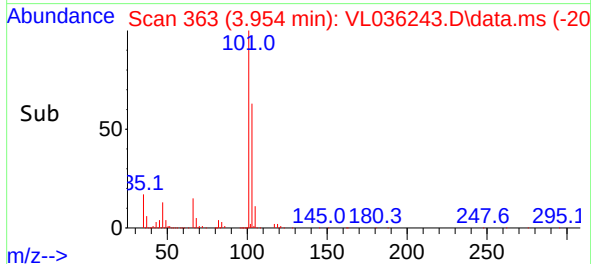
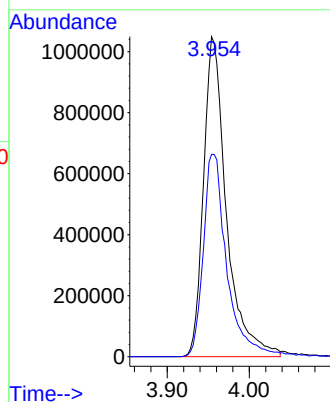
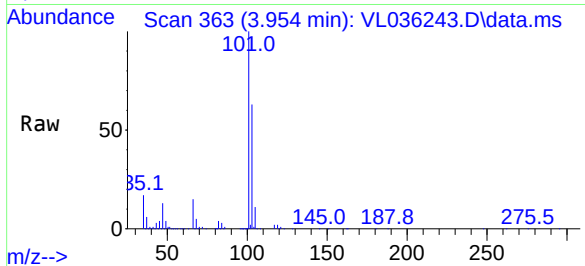
#11
Trichlorofluoromethane
Concen: 10.34 ppbv
RT: 3.954 min Scan# 363
Delta R.T. 0.010 min
Lab File: VL036243.D
Acq: 20 Jan 2021 9:55

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion:101 Resp: 2034407
Ion Ratio Lower Upper
101 100
103 63.2 52.6 78.8

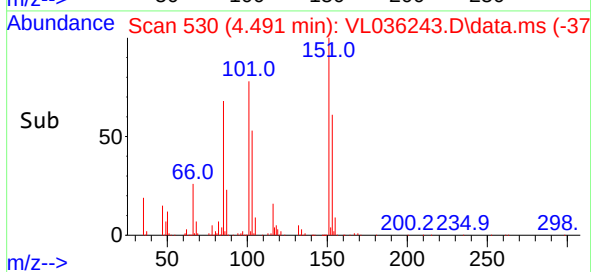
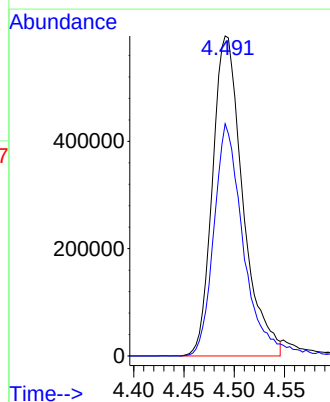
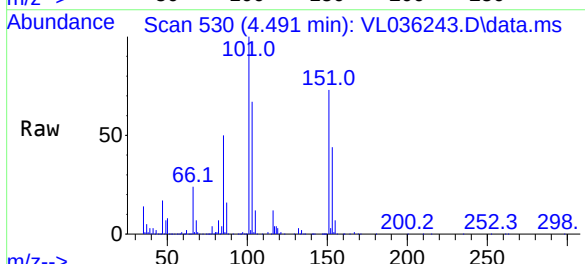
Manual Integrations
APPROVED

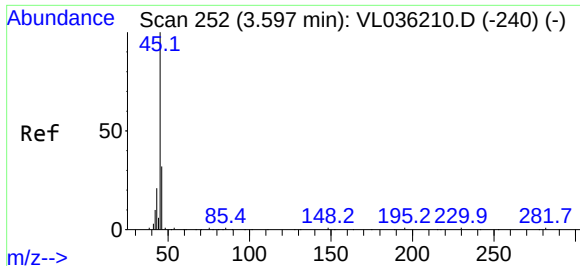
MMDadoda
1/21/2021 10:35:53 AM



#12
1,1,2-Trichlorotrifluoroethane
Concen: 10.48 ppbv
RT: 4.491 min Scan# 530
Delta R.T. 0.013 min
Lab File: VL036243.D
Acq: 20 Jan 2021 9:55

Tgt Ion:101 Resp: 1250194
Ion Ratio Lower Upper
101 100
151 71.8 59.8 89.6





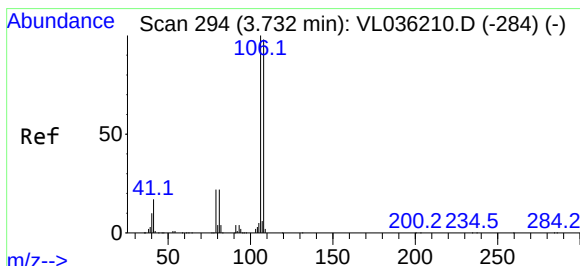
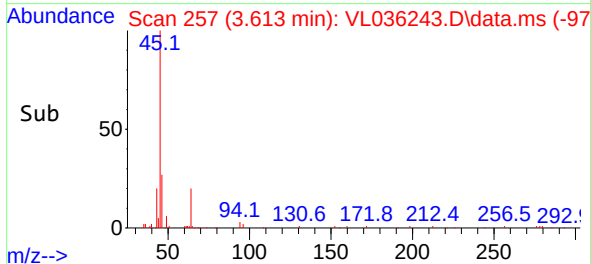
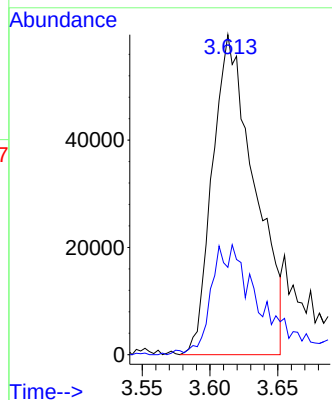
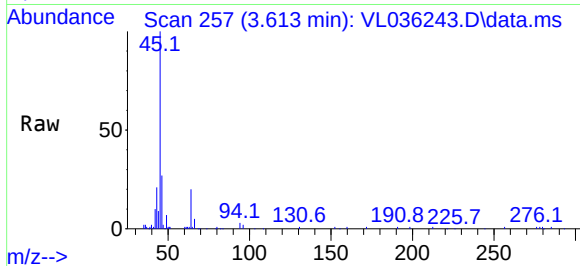
#13
Ethanol
Concen: 9.72 ppbv
RT: 3.613 min Scan# 257
Delta R.T. 0.016 min
Lab File: VL036243.D
Acq: 20 Jan 2021 9:55

Tgt Ion: 45 Resp: 128848
Ion Ratio Lower Upper
45 100
46 42.1 19.2 77.0

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

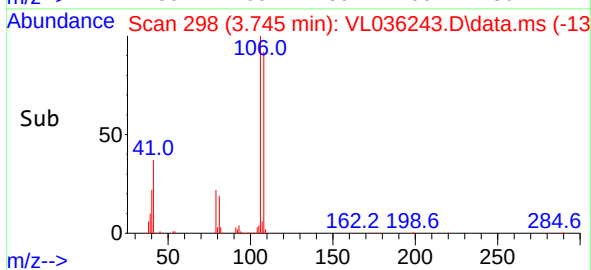
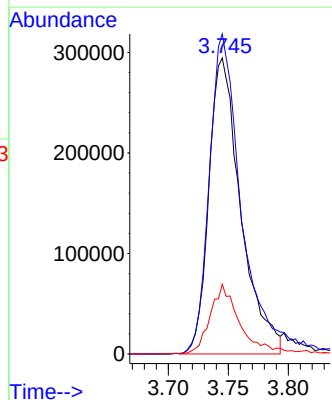
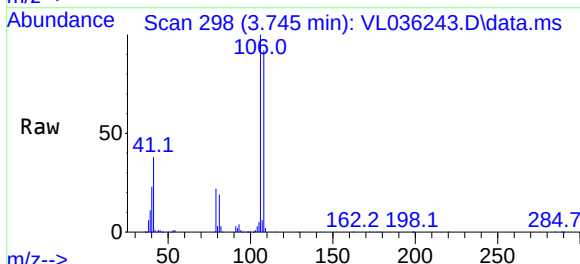
Manual Integrations
APPROVED

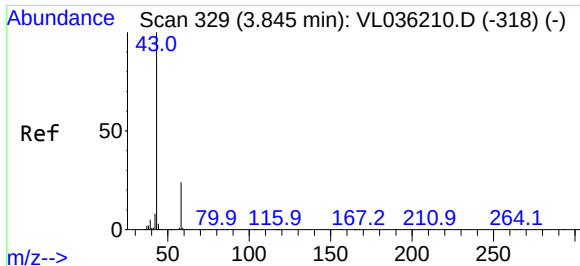
MMDadoda
1/21/2021 10:35:53 AM



#14
Bromoethene
Concen: 10.05 ppbv
RT: 3.745 min Scan# 298
Delta R.T. 0.013 min
Lab File: VL036243.D
Acq: 20 Jan 2021 9:55

Tgt Ion: 108 Resp: 545900
Ion Ratio Lower Upper
108 100
106 111.6 91.4 137.2
79 22.8 18.3 27.5





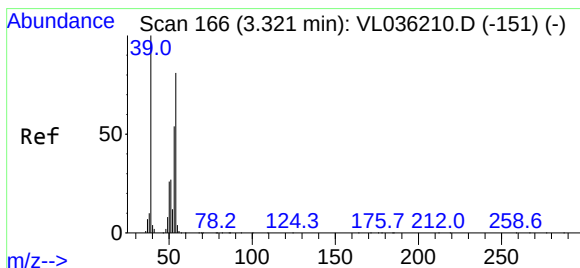
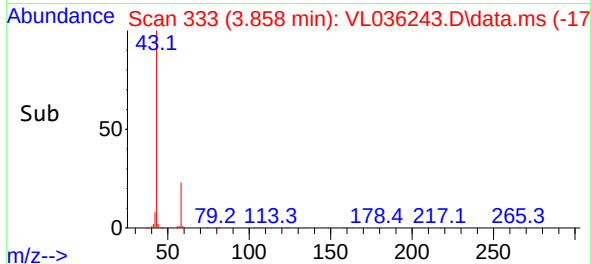
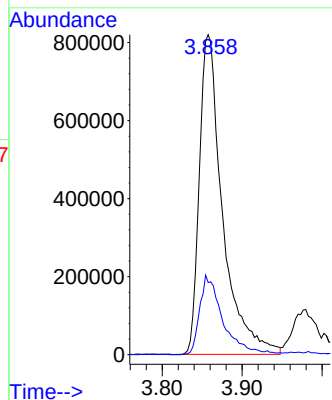
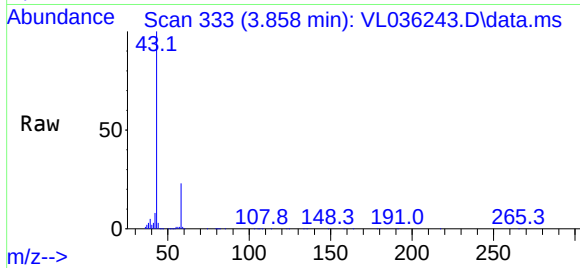
#15
Acetone
Concen: 9.38 ppbv
RT: 3.858 min Scan# 333
Delta R.T. 0.013 min
Lab File: VL036243.D
Acq: 20 Jan 2021 9:55

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 43 Resp: 1657803
Ion Ratio Lower Upper
43 100
58 24.9 20.9 31.3

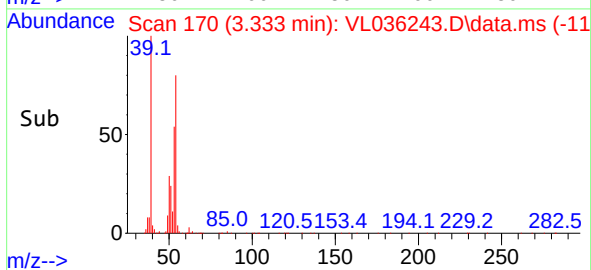
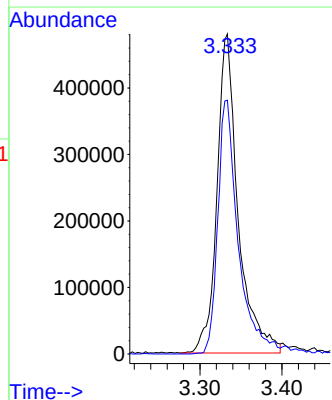
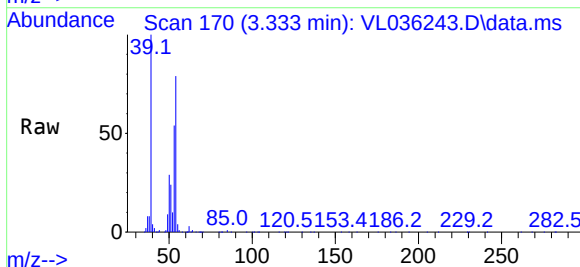
Manual Integrations
APPROVED

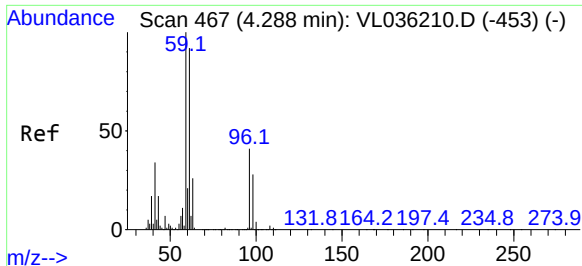
MMDadoda
1/21/2021 10:35:53 AM



#16
1,3-Butadiene
Concen: 10.01 ppbv
RT: 3.333 min Scan# 170
Delta R.T. 0.013 min
Lab File: VL036243.D
Acq: 20 Jan 2021 9:55

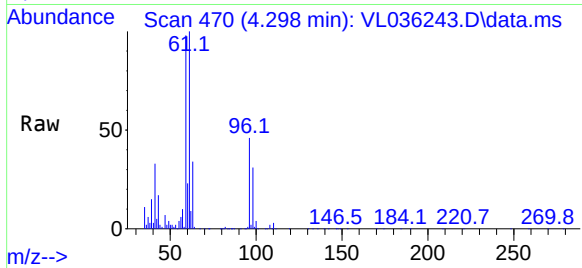
Tgt Ion: 39 Resp: 861986
Ion Ratio Lower Upper
39 100
54 79.2 62.5 93.7





#17
tert-Butyl alcohol
Concen: 9.98 ppbv
RT: 4.298 min Scan# 470
Delta R.T. 0.010 min
Lab File: VL036243.D
Acq: 20 Jan 2021 9:55

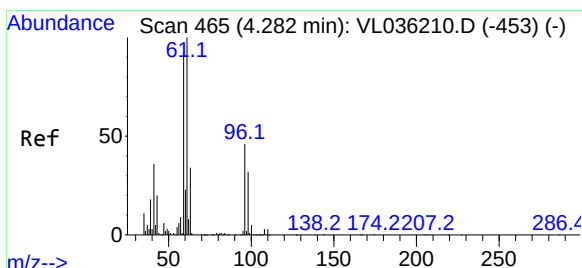
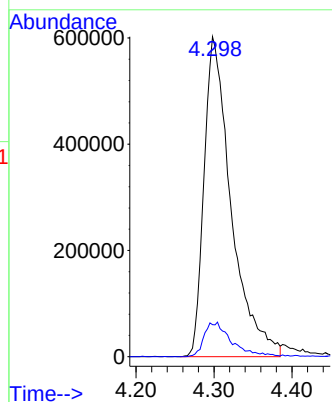
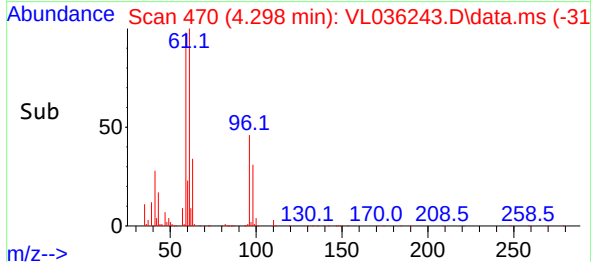
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



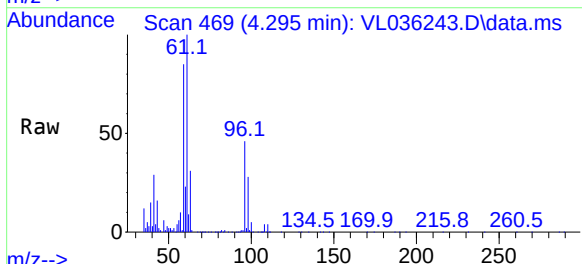
Tgt Ion: 59 Resp: 1455785
Ion Ratio Lower Upper
59 100
57 11.3 9.2 13.8

Manual Integrations
APPROVED

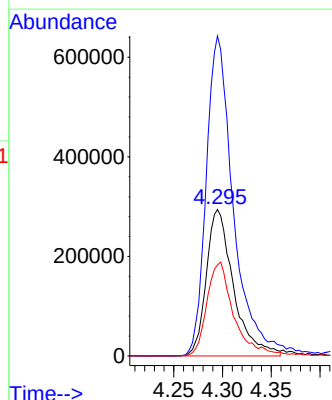
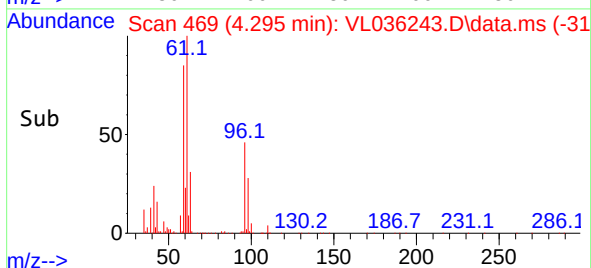
MMDadoda
1/21/2021 10:35:53 AM

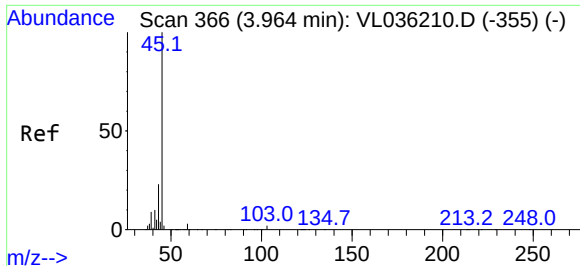


#18
1,1-Dichloroethene
Concen: 10.33 ppbv
RT: 4.295 min Scan# 469
Delta R.T. 0.013 min
Lab File: VL036243.D
Acq: 20 Jan 2021 9:55



Tgt Ion: 96 Resp: 571167
Ion Ratio Lower Upper
96 100
61 218.2 173.4 260.0
98 61.9 54.9 82.3



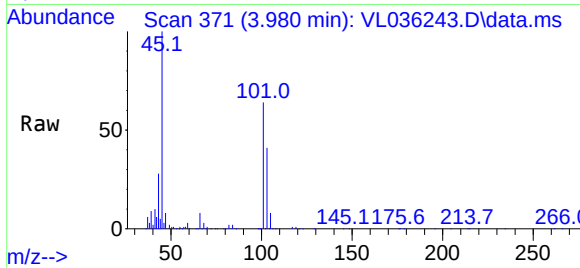


#19
Isopropyl Alcohol
Concen: 9.54 ppbv
RT: 3.980 min Scan# 371
Delta R.T. 0.016 min
Lab File: VL036243.D
Acq: 20 Jan 2021 9:55

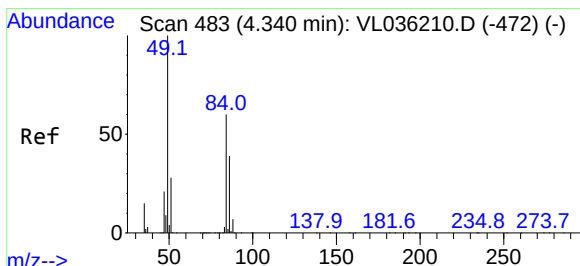
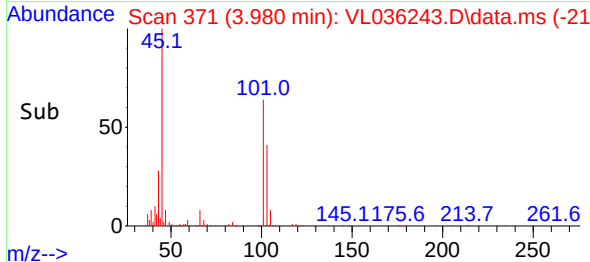
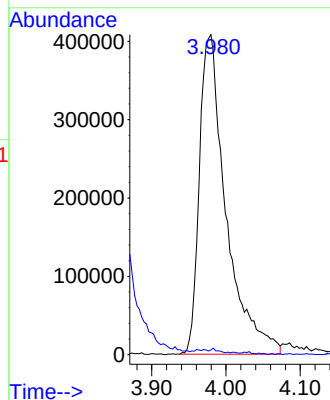
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Manual Integrations
APPROVED

MMDadoda
1/21/2021 10:35:53 AM

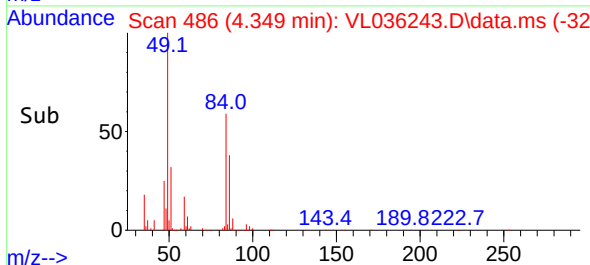
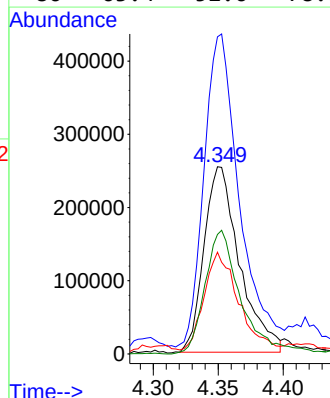
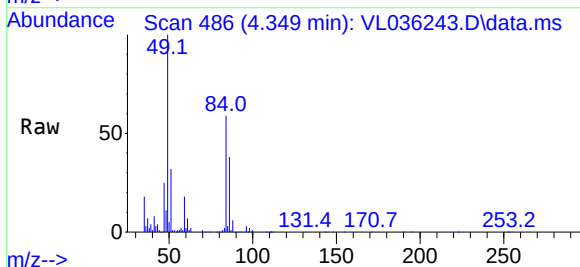


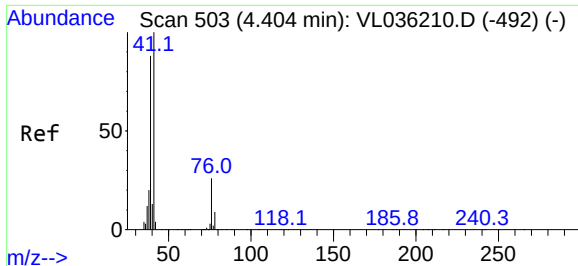
Tgt Ion: 45 Resp: 1016448
Ion Ratio Lower Upper
45 100
58 2.0 1.9 2.9



#20
Methylene Chloride
Concen: 8.55 ppbv
RT: 4.349 min Scan# 486
Delta R.T. 0.010 min
Lab File: VL036243.D
Acq: 20 Jan 2021 9:55

Tgt Ion: 84 Resp: 482420
Ion Ratio Lower Upper
84 100
49 166.0 134.1 201.1
51 52.7 37.4 56.0
86 63.4 52.6 78.8





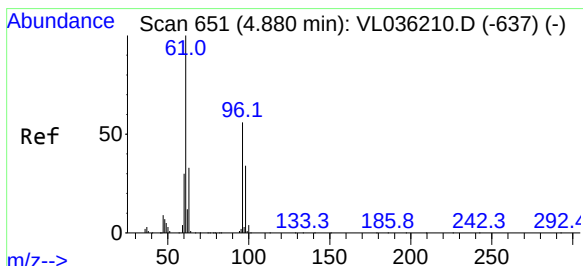
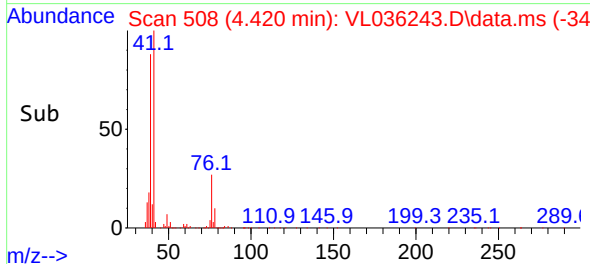
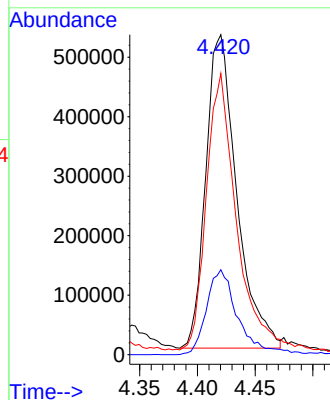
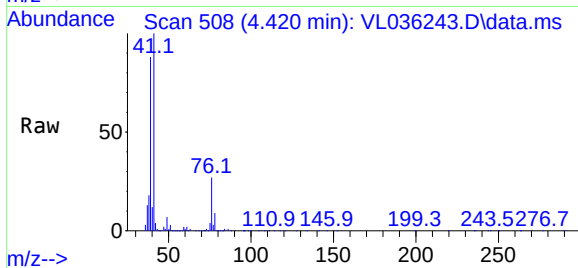
#21
 Allyl Chloride
 Concen: 10.23 ppbv
 RT: 4.420 min Scan# 508
 Delta R.T. 0.016 min
 Lab File: VL036243.D
 Acq: 20 Jan 2021 9:55

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

Tgt Ion: 41 Resp: 983955
 Ion Ratio Lower Upper
 41 100
 76 27.7 20.5 30.7
 39 89.6 67.8 101.8

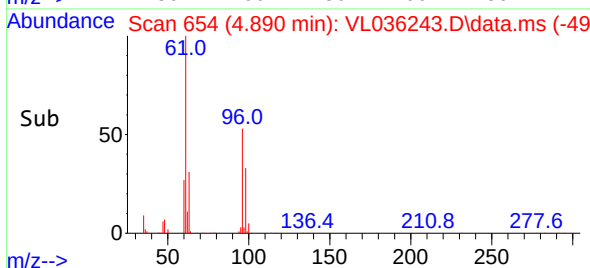
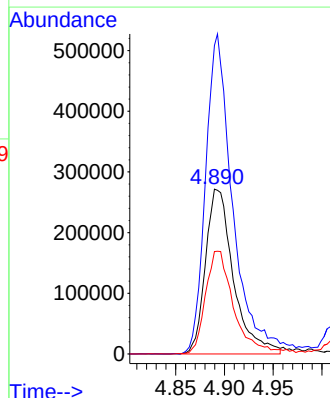
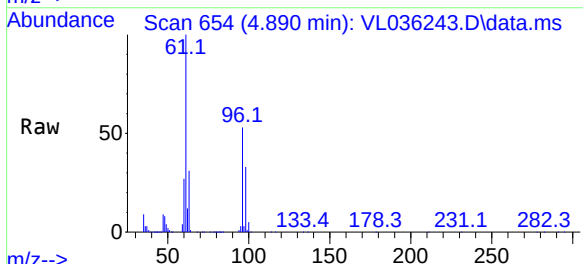
Manual Integrations
 APPROVED

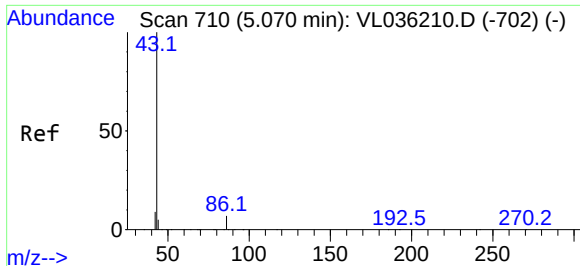
MMDadoda
 1/21/2021 10:35:53 AM



#22
 trans-1,2-Dichloroethene
 Concen: 10.63 ppbv
 RT: 4.890 min Scan# 654
 Delta R.T. 0.010 min
 Lab File: VL036243.D
 Acq: 20 Jan 2021 9:55

Tgt Ion: 96 Resp: 542805
 Ion Ratio Lower Upper
 96 100
 61 187.1 142.7 214.1
 98 61.9 48.7 73.1





#23
 Vinyl Acetate
 Concen: 10.68 ppbv
 RT: 5.083 min Scan# 714
 Delta R.T. 0.013 min
 Lab File: VL036243.D
 Acq: 20 Jan 2021 9:55

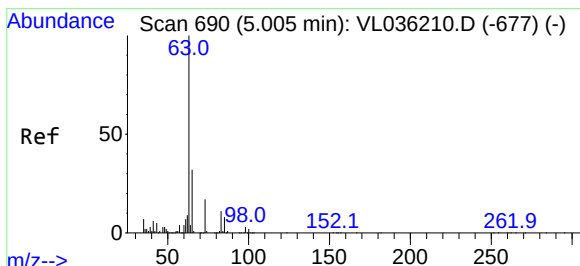
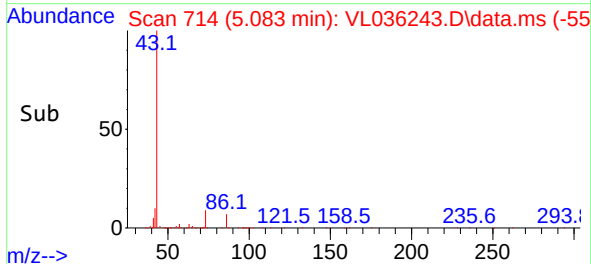
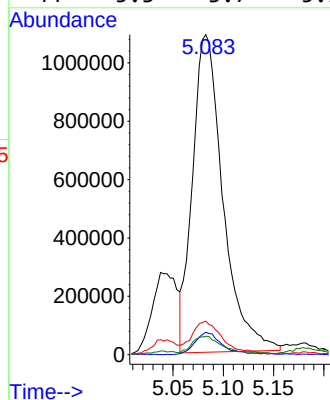
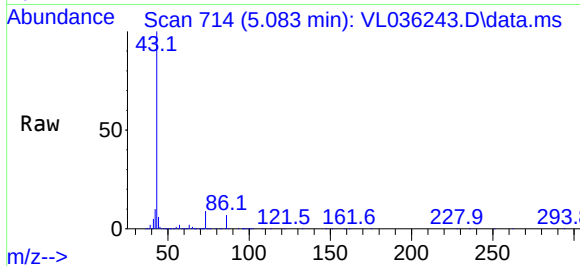
Tgt Ion: 43 Resp: 2287431

Ion	Ratio	Lower	Upper
43	100		
86	7.0	4.9	7.3
42	10.3	7.8	11.6
44	5.3	3.7	5.5

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

Manual Integrations
 APPROVED

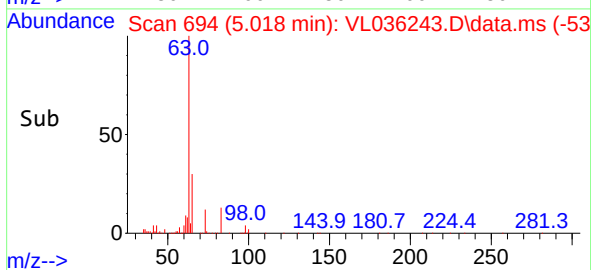
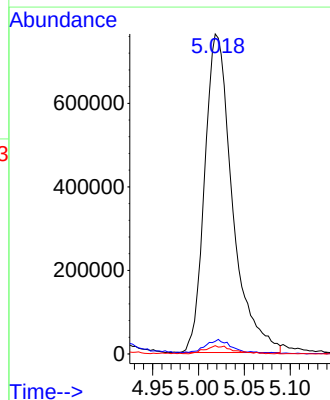
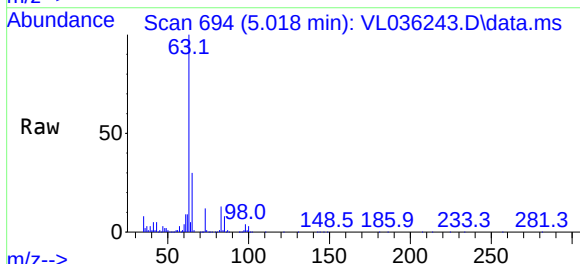
MMDadoda
 1/21/2021 10:35:53 AM

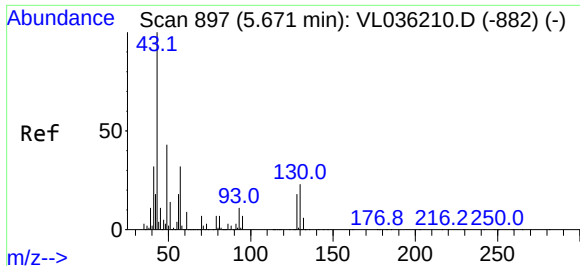


#24
 1,1-Dichloroethane
 Concen: 10.32 ppbv
 RT: 5.018 min Scan# 694
 Delta R.T. 0.013 min
 Lab File: VL036243.D
 Acq: 20 Jan 2021 9:55

Tgt Ion: 63 Resp: 1602019

Ion	Ratio	Lower	Upper
63	100		
98	3.8	1.7	5.1
100	2.5	1.1	3.1





#25
Ethyl Acetate
Concen: 9.64 ppbv
RT: 5.687 min Scan# 902
Delta R.T. 0.016 min
Lab File: VL036243.D
Acq: 20 Jan 2021 9:55

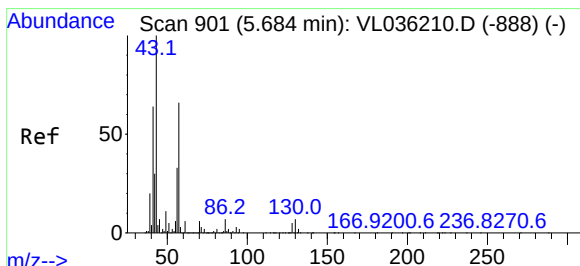
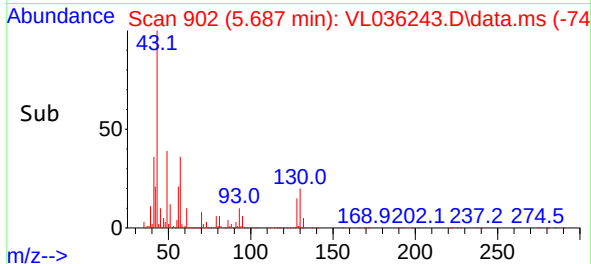
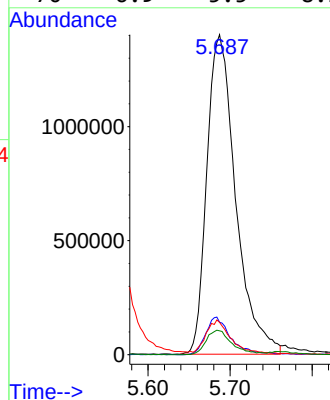
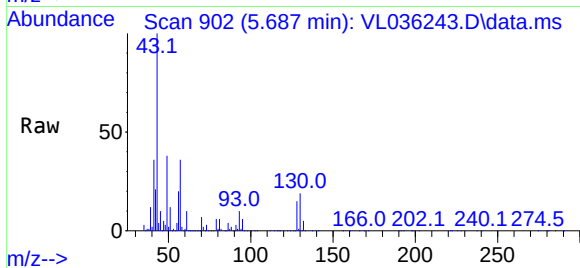
Tgt Ion: 43 Resp: 3423054

Ion	Ratio	Lower	Upper
43	100		
45	10.7	8.3	12.5
61	9.5	7.4	11.2
70	6.9	5.5	8.3

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Manual Integrations
APPROVED

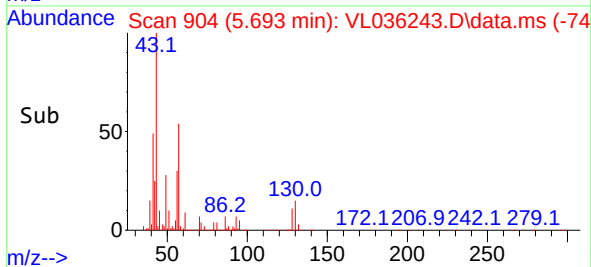
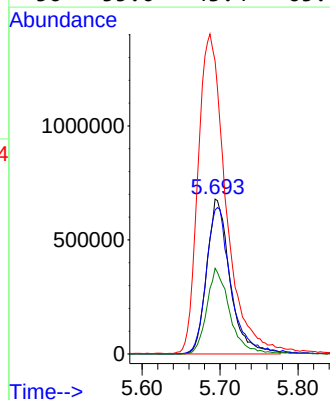
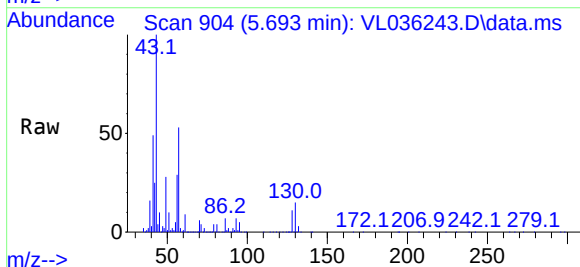
MMDadoda
1/21/2021 10:35:53 AM

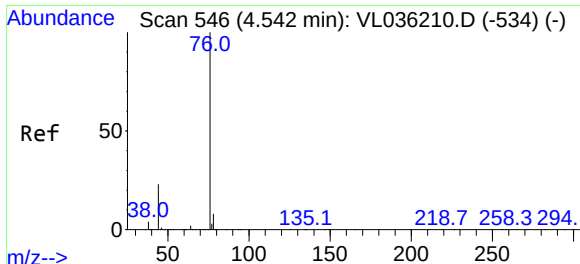


#26
Hexane
Concen: 9.53 ppbv
RT: 5.693 min Scan# 904
Delta R.T. 0.010 min
Lab File: VL036243.D
Acq: 20 Jan 2021 9:55

Tgt Ion: 57 Resp: 1407961

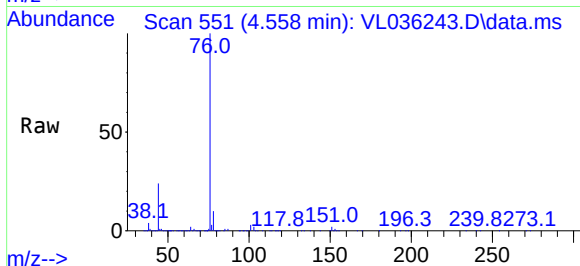
Ion	Ratio	Lower	Upper
57	100		
41	101.7	83.0	124.6
43	249.3	202.4	303.6
56	55.0	43.4	65.0





#27
Carbon Disulfide
Concen: 12.06 ppbv
RT: 4.558 min Scan# 551
Delta R.T. 0.016 min
Lab File: VL036243.D
Acq: 20 Jan 2021 9:55

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

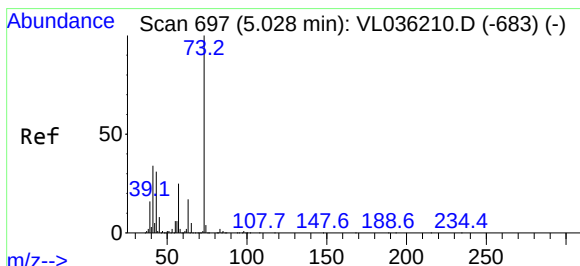
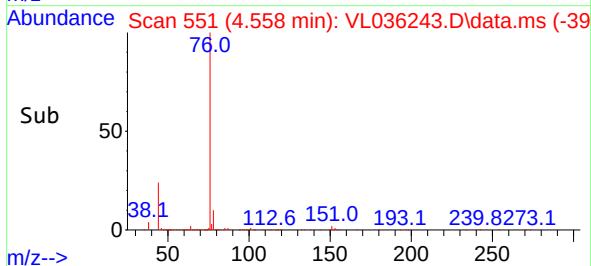
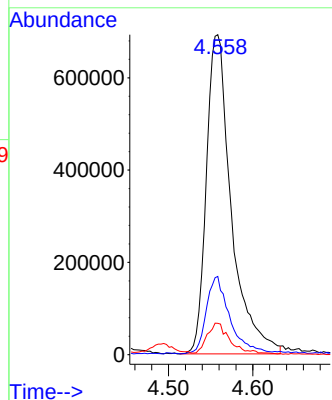


Tgt Ion: 76 Resp: 1424696

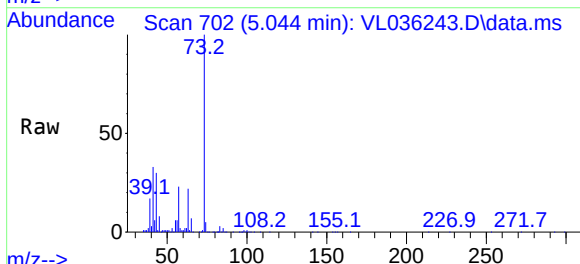
Ion	Ratio	Lower	Upper
76	100		
44	23.4	19.0	28.6
78	10.0	8.0	12.0

Manual Integrations
APPROVED

MMDadoda
1/21/2021 10:35:53 AM

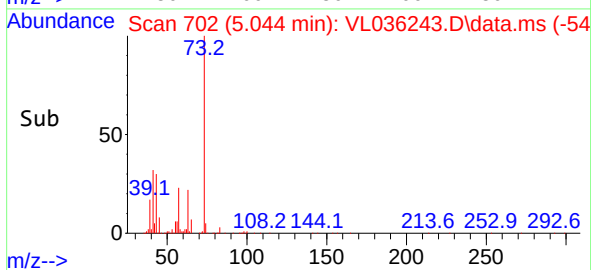
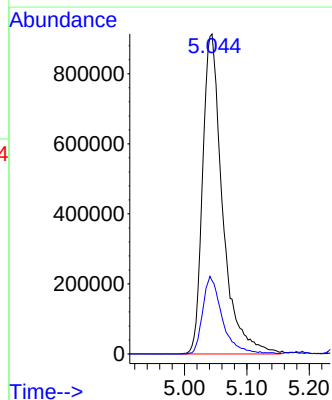


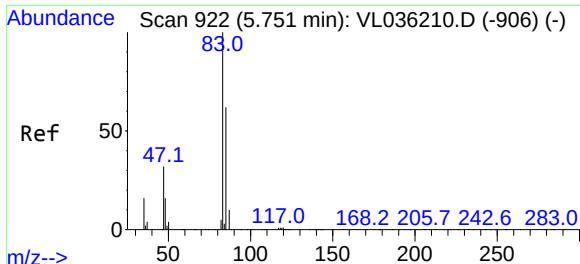
#28
Methyl tert-Butyl Ether
Concen: 10.17 ppbv
RT: 5.044 min Scan# 702
Delta R.T. 0.016 min
Lab File: VL036243.D
Acq: 20 Jan 2021 9:55



Tgt Ion: 73 Resp: 2033160

Ion	Ratio	Lower	Upper
73	100		
57	23.8	20.4	30.6





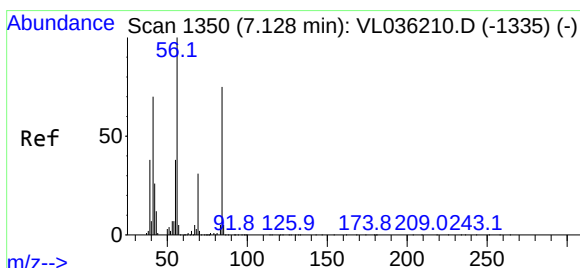
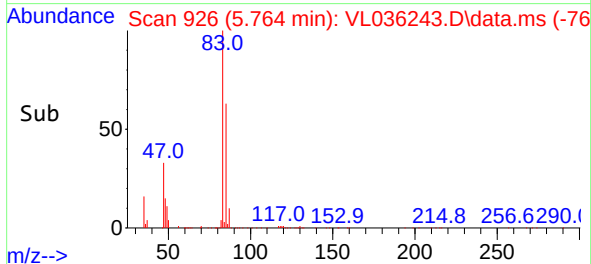
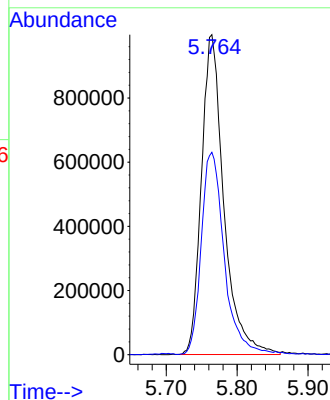
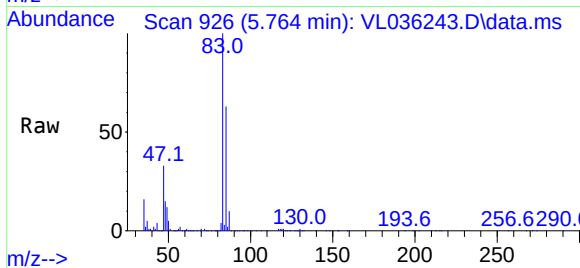
#29
Chloroform
Concen: 10.34 ppbv
RT: 5.764 min Scan# 926
Delta R.T. 0.013 min
Lab File: VL036243.D
Acq: 20 Jan 2021 9:55

Tgt Ion: 83 Resp: 2186831
Ion Ratio Lower Upper
83 100
85 63.2 49.3 73.9

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

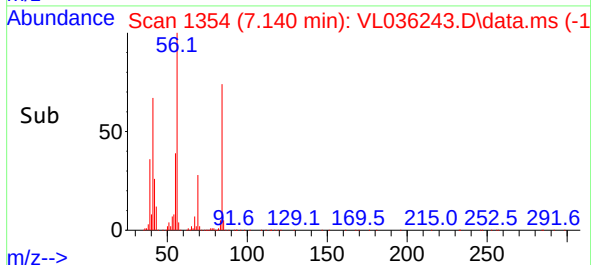
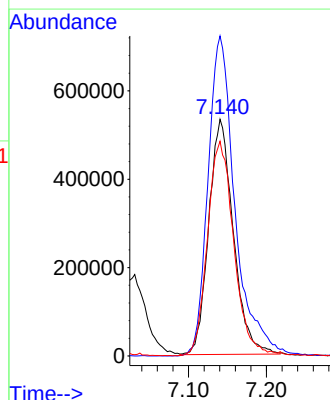
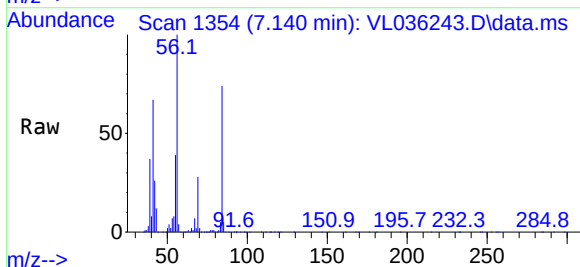
Manual Integrations
APPROVED

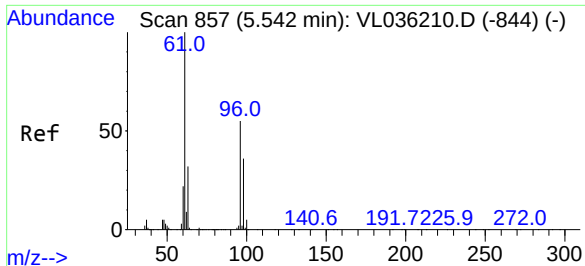
MMDadoda
1/21/2021 10:35:53 AM



#30
Cyclohexane
Concen: 10.37 ppbv
RT: 7.140 min Scan# 1354
Delta R.T. 0.013 min
Lab File: VL036243.D
Acq: 20 Jan 2021 9:55

Tgt Ion: 84 Resp: 1170461
Ion Ratio Lower Upper
84 100
56 150.1 119.4 179.0
41 97.9 79.4 119.0





#31
cis-1,2-Dichloroethene
Concen: 10.46 ppbv
RT: 5.558 min Scan# 862
Delta R.T. 0.016 min
Lab File: VL036243.D
Acq: 20 Jan 2021 9:55

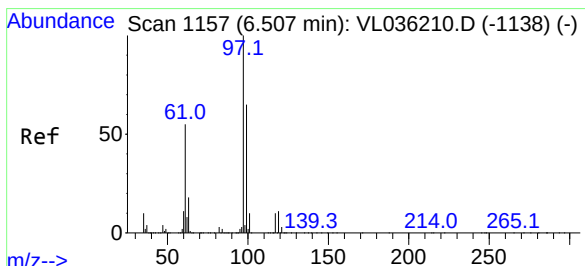
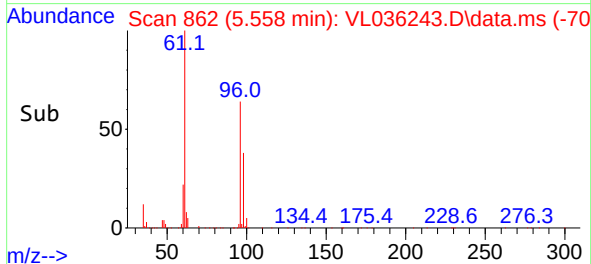
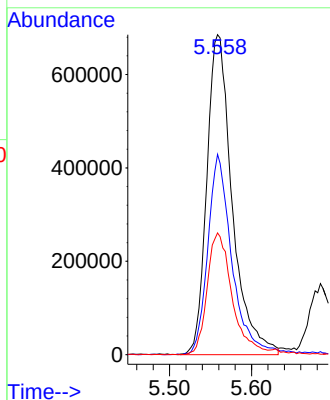
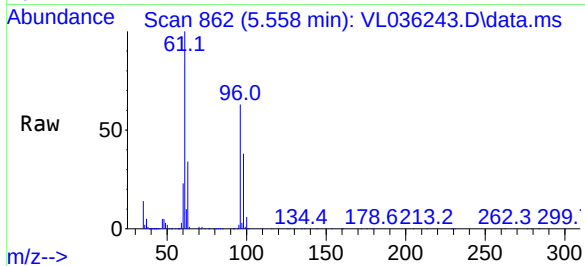
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 61 Resp: 1476763

Ion	Ratio	Lower	Upper
61	100		
96	62.4	44.1	66.1
98	38.0	28.6	42.8

Manual Integrations
APPROVED

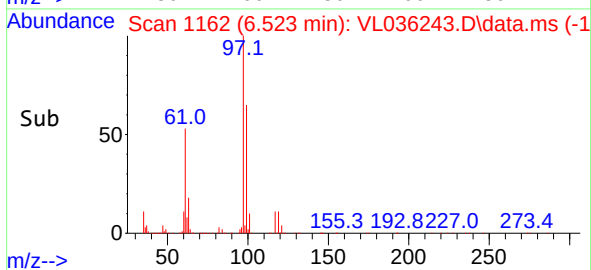
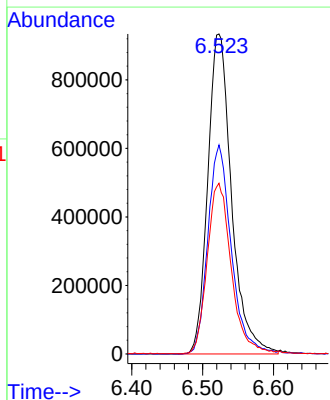
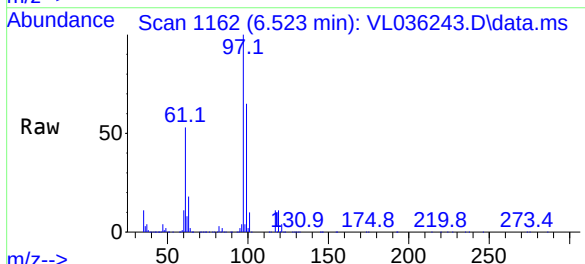
MMDadoda
1/21/2021 10:35:53 AM

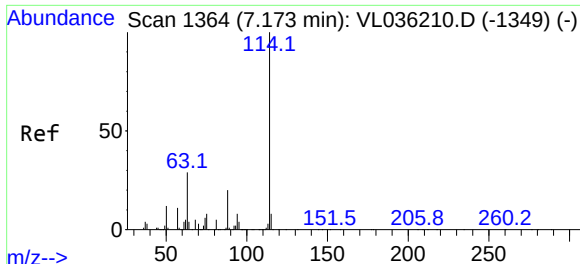


#32
1,1,1-Trichloroethane
Concen: 10.64 ppbv
RT: 6.523 min Scan# 1162
Delta R.T. 0.016 min
Lab File: VL036243.D
Acq: 20 Jan 2021 9:55

Tgt Ion: 97 Resp: 2177911

Ion	Ratio	Lower	Upper
97	100		
99	64.8	52.0	78.0
61	54.3	43.6	65.4





#33
1,4-Difluorobenzene
Concen: 10.00 ppbv
RT: 7.189 min Scan# 1369
Delta R.T. 0.016 min
Lab File: VL036243.D
Acq: 20 Jan 2021 9:55

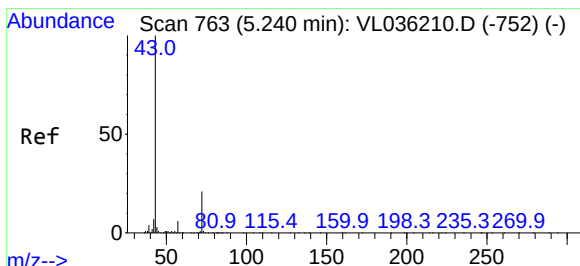
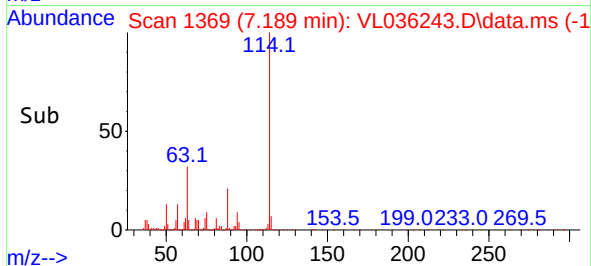
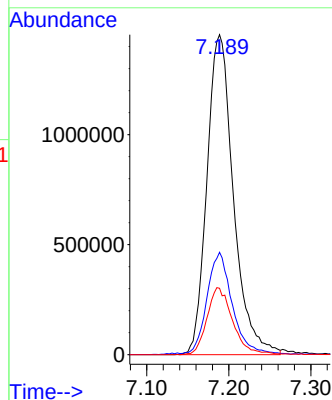
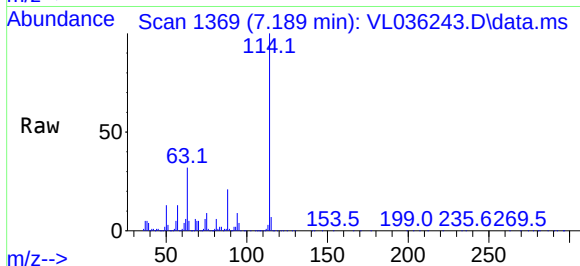
Tgt Ion: 114 Resp: 3266822

Ion	Ratio	Lower	Upper
114	100		
63	31.1	24.7	37.1
88	20.5	16.6	24.8

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Manual Integrations
APPROVED

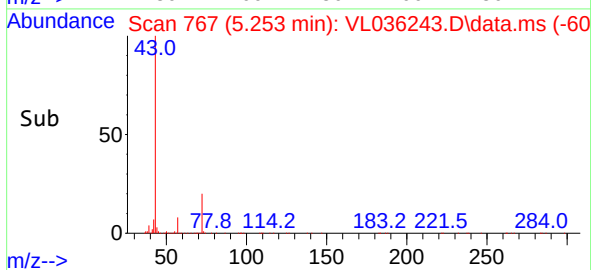
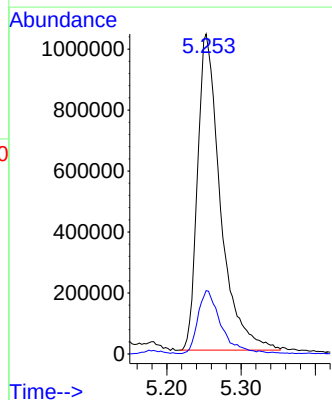
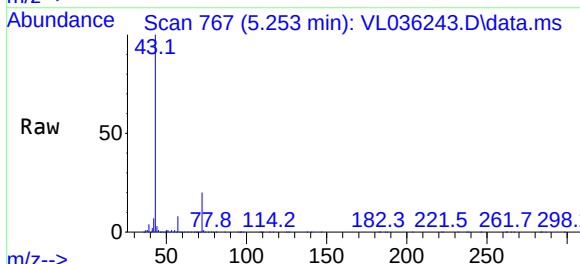
MMDadoda
1/21/2021 10:35:53 AM

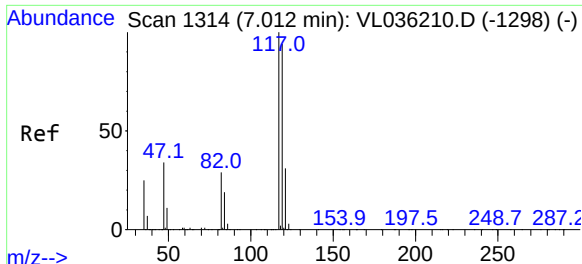


#34
2-Butanone
Concen: 9.23 ppbv
RT: 5.253 min Scan# 767
Delta R.T. 0.013 min
Lab File: VL036243.D
Acq: 20 Jan 2021 9:55

Tgt Ion: 43 Resp: 2220926

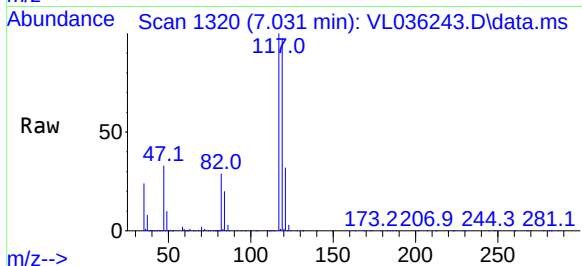
Ion	Ratio	Lower	Upper
43	100		
72	20.9	16.1	24.1





#35
Carbon Tetrachloride
Concen: 10.28 ppbv
RT: 7.031 min Scan# 1320
Delta R.T. 0.019 min
Lab File: VL036243.D
Acq: 20 Jan 2021 9:55

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

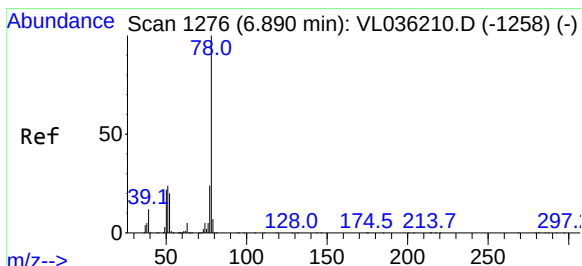
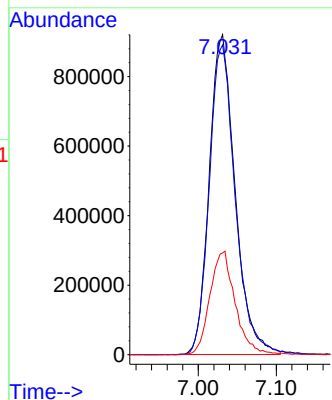
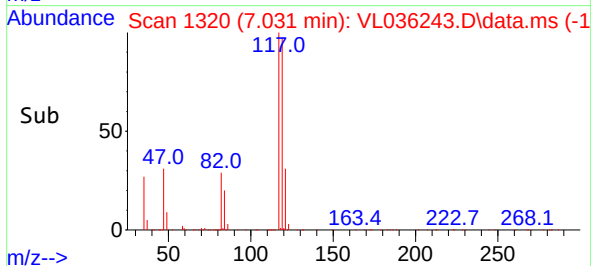


Tgt Ion: 117 Resp: 2122710

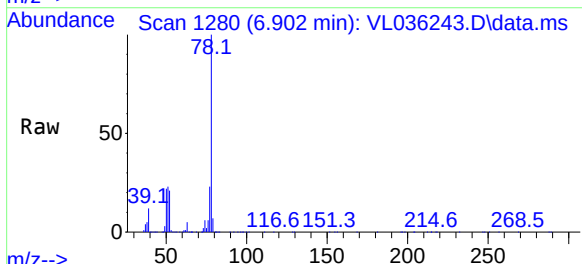
Ion	Ratio	Lower	Upper
117	100		
119	96.6	74.9	112.3
121	31.8	25.0	37.6

Manual Integrations
APPROVED

MMDadoda
1/21/2021 10:35:53 AM

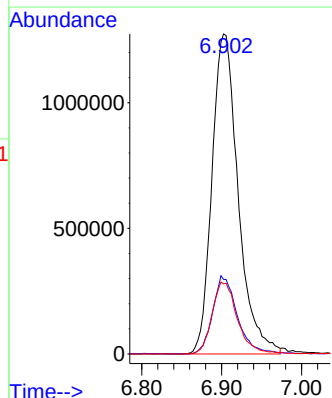
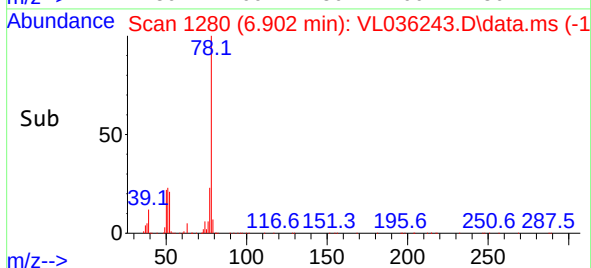


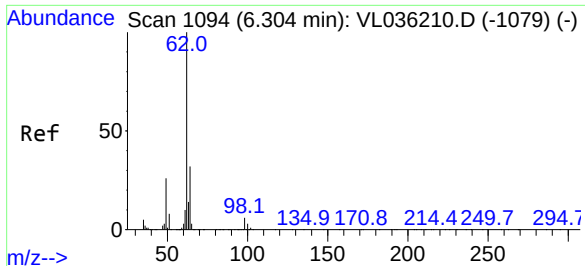
#36
Benzene
Concen: 9.68 ppbv
RT: 6.902 min Scan# 1280
Delta R.T. 0.013 min
Lab File: VL036243.D
Acq: 20 Jan 2021 9:55



Tgt Ion: 78 Resp: 2896918

Ion	Ratio	Lower	Upper
78	100		
77	23.3	19.4	29.0
50	21.9	17.4	26.2





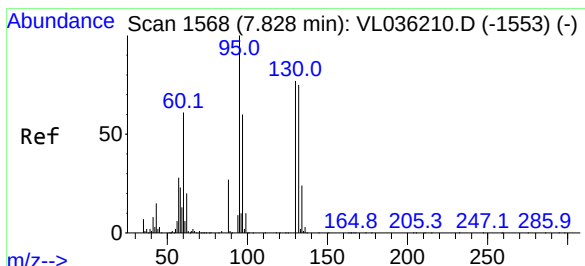
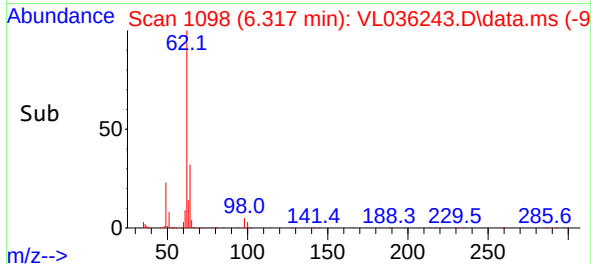
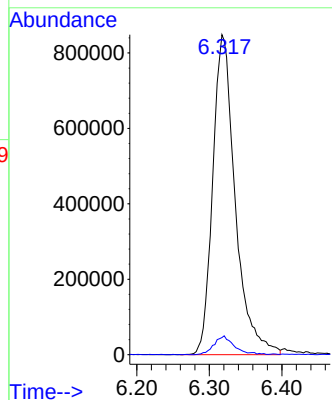
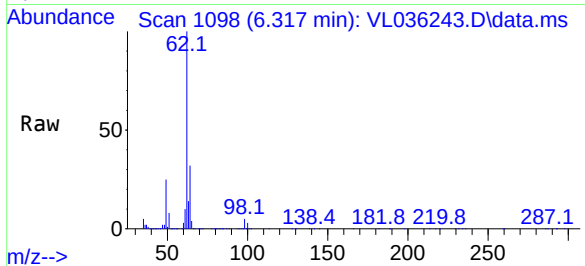
#37
1,2-Dichloroethane
Concen: 10.17 ppbv
RT: 6.317 min Scan# 1098
Delta R.T. 0.013 min
Lab File: VL036243.D
Acq: 20 Jan 2021 9:55

Tgt Ion: 62 Resp: 1831237
Ion Ratio Lower Upper
62 100
98 5.5 4.4 6.6

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

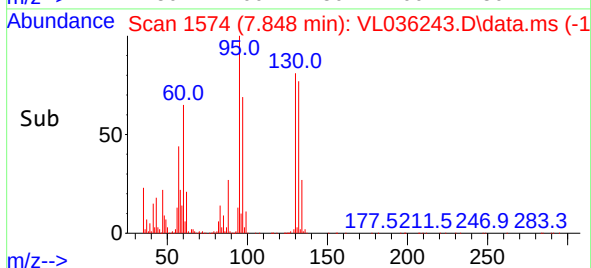
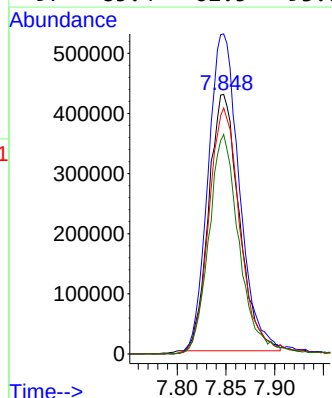
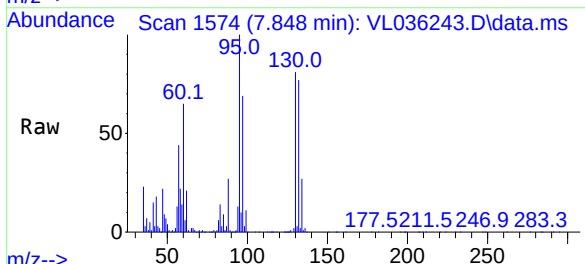
Manual Integrations
APPROVED

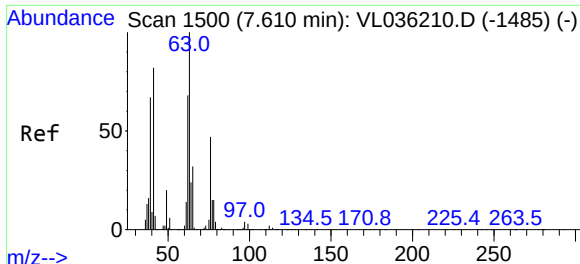
MMDadoda
1/21/2021 10:35:53 AM



#38
Trichloroethene
Concen: 8.35 ppbv
RT: 7.848 min Scan# 1574
Delta R.T. 0.019 min
Lab File: VL036243.D
Acq: 20 Jan 2021 9:55

Tgt Ion:130 Resp: 925246
Ion Ratio Lower Upper
130 100
95 124.4 103.9 155.9
132 95.5 77.4 116.2
97 85.4 62.5 93.7





#39
1,2-Dichloropropane
Concen: 9.92 ppbv
RT: 7.623 min Scan# 1504
Delta R.T. 0.013 min
Lab File: VL036243.D
Acq: 20 Jan 2021 9:55

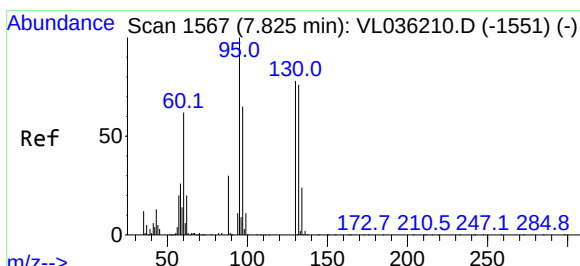
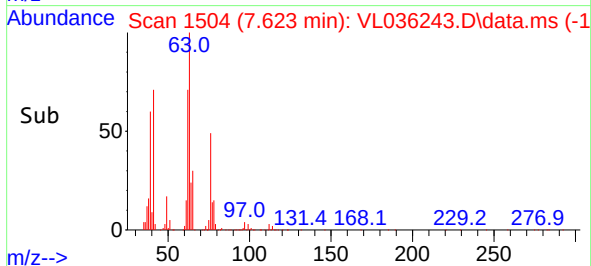
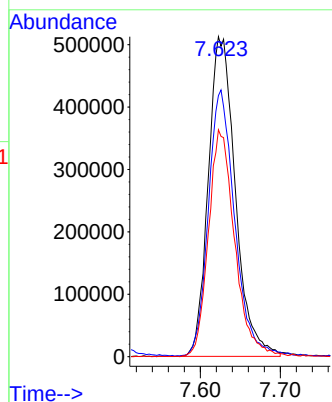
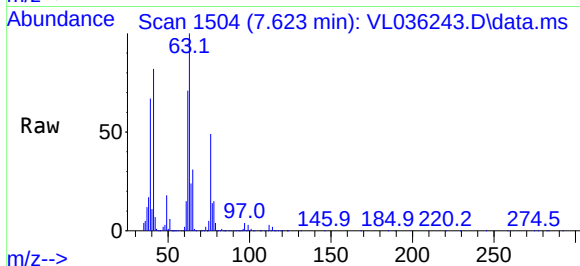
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 63 Resp: 1206024

Ion	Ratio	Lower	Upper
63	100		
41	81.5	66.1	99.1
62	71.0	54.8	82.2

Manual Integrations
APPROVED

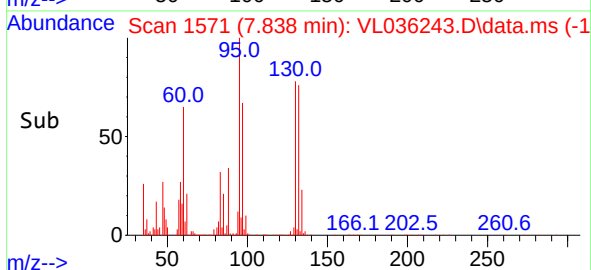
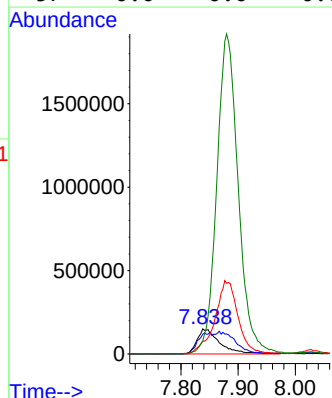
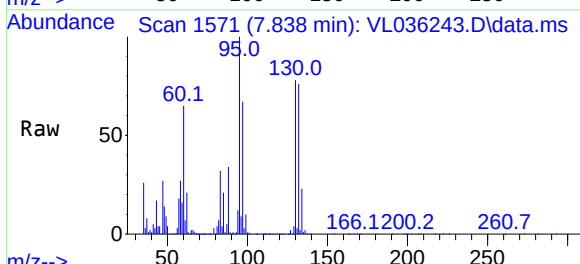
MMDadoda
1/21/2021 10:35:53 AM

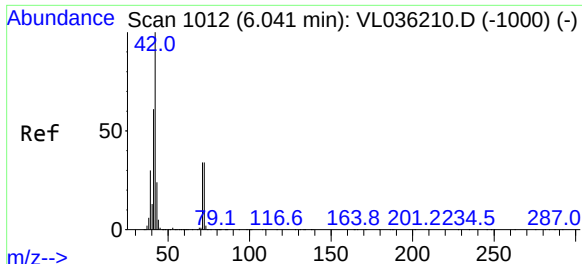


#40
1,4-Dioxane
Concen: 9.39 ppbv m
RT: 7.838 min Scan# 1571
Delta R.T. 0.013 min
Lab File: VL036243.D
Acq: 20 Jan 2021 9:55

Tgt Ion: 88 Resp: 412895

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





#41
Tetrahydrofuran
Concen: 9.63 ppbv
RT: 6.060 min Scan# 1018
Delta R.T. 0.019 min
Lab File: VL036243.D
Acq: 20 Jan 2021 9:55

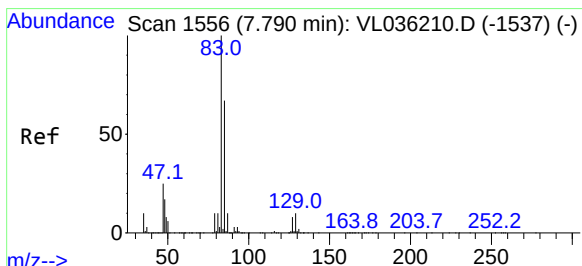
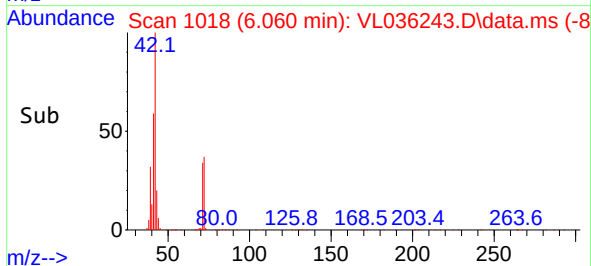
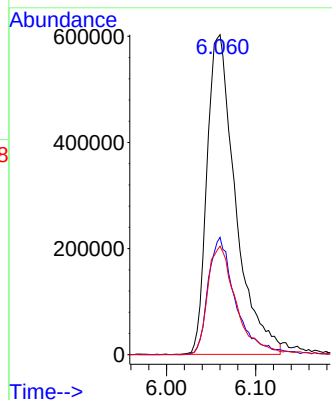
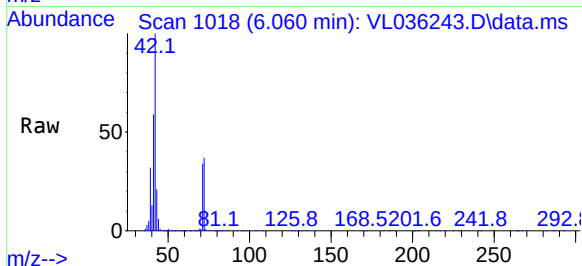
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 42 Resp: 1339255

Ion	Ratio	Lower	Upper
42	100		
72	36.1	29.5	44.3
71	34.8	29.1	43.7

Manual Integrations
APPROVED

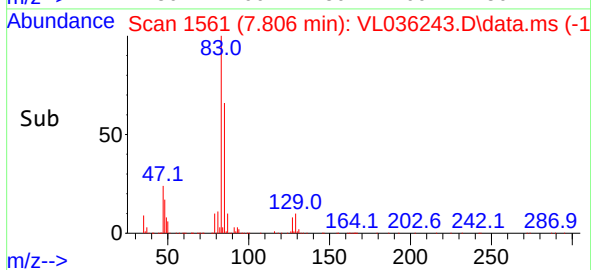
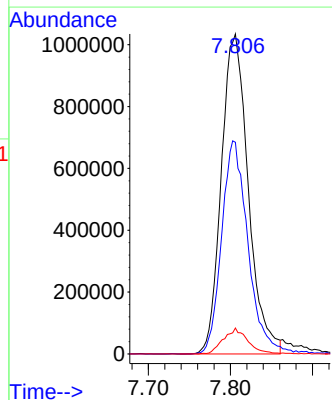
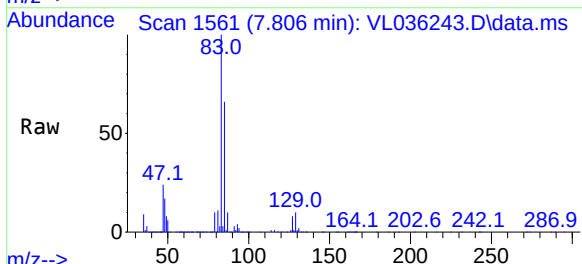
MMDadoda
1/21/2021 10:35:53 AM

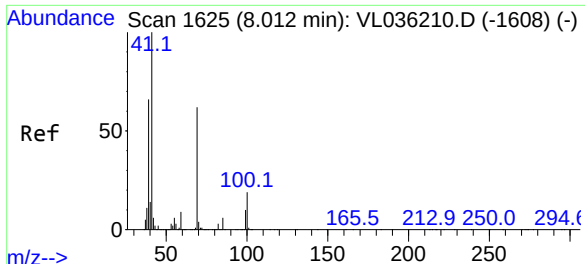


#42
Bromodichloromethane
Concen: 10.44 ppbv
RT: 7.806 min Scan# 1561
Delta R.T. 0.016 min
Lab File: VL036243.D
Acq: 20 Jan 2021 9:55

Tgt Ion: 83 Resp: 2363154

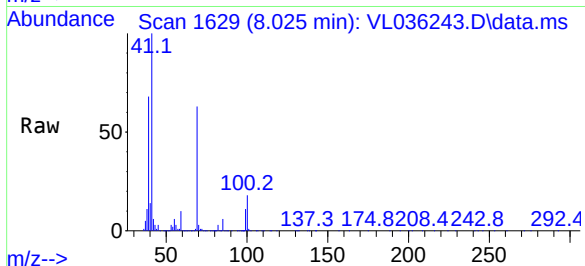
Ion	Ratio	Lower	Upper
83	100		
85	66.1	53.4	80.2
127	8.1	6.2	9.2





#43
Methyl Methacrylate
Concen: 10.35 ppbv
RT: 8.025 min Scan# 1629
Delta R.T. 0.013 min
Lab File: VL036243.D
Acq: 20 Jan 2021 9:55

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

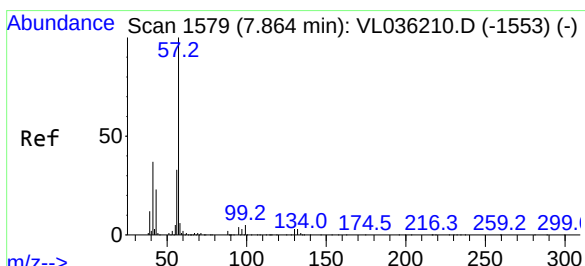
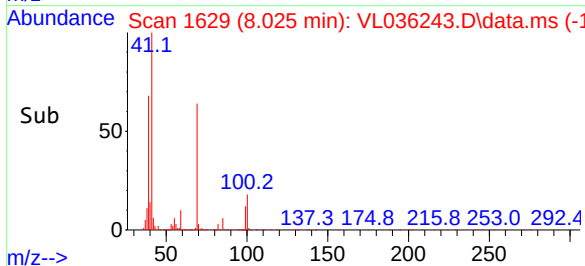
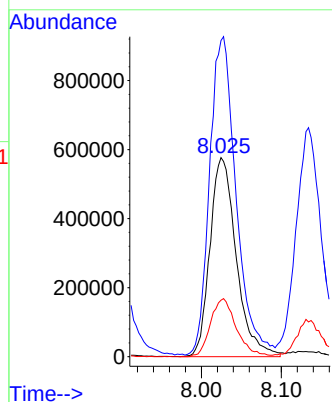


Tgt Ion: 69 Resp: 1317057

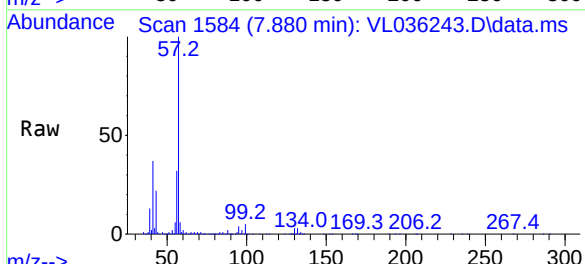
Ion	Ratio	Lower	Upper
69	100		
41	161.8	133.4	200.2
100	28.7	24.3	36.5

Manual Integrations
APPROVED

MMDadoda
1/21/2021 10:35:53 AM

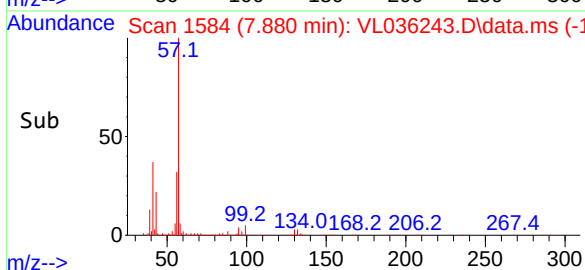
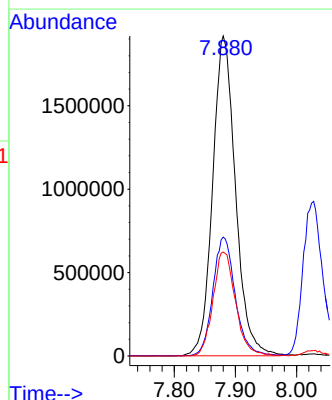


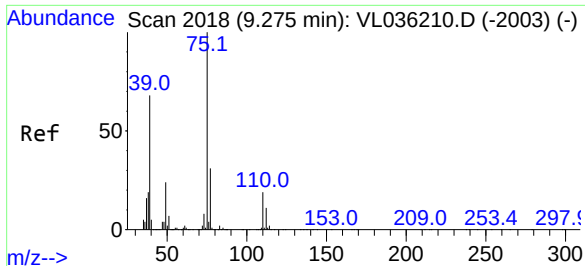
#44
2,2,4-Trimethylpentane
Concen: 9.07 ppbv
RT: 7.880 min Scan# 1584
Delta R.T. 0.016 min
Lab File: VL036243.D
Acq: 20 Jan 2021 9:55



Tgt Ion: 57 Resp: 4985079

Ion	Ratio	Lower	Upper
57	100		
41	36.4	28.5	42.7
56	32.0	25.5	38.3





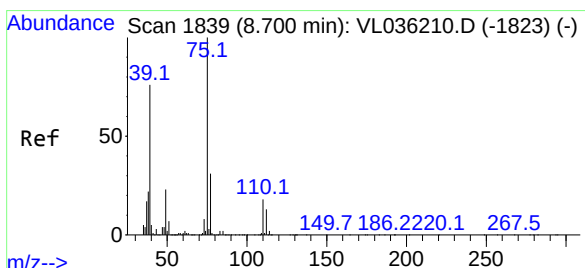
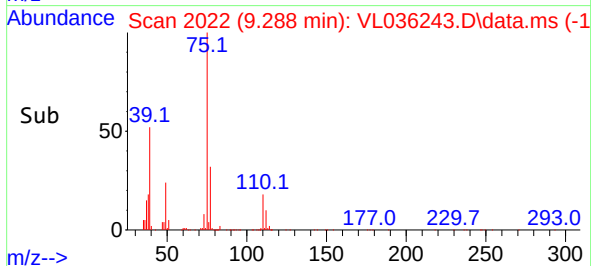
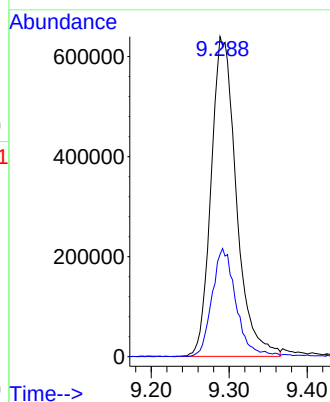
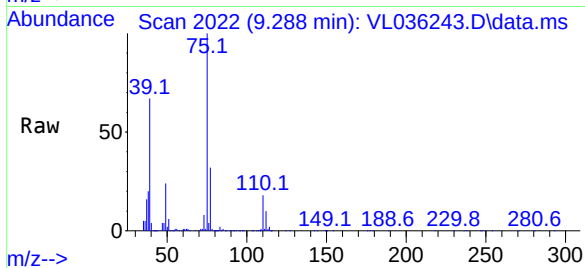
#45
t-1,3-Dichloropropene
Concen: 11.88 ppbv
RT: 9.288 min Scan# 2022
Delta R.T. 0.013 min
Lab File: VL036243.D
Acq: 20 Jan 2021 9:55

Tgt Ion: 75 Resp: 1434805
Ion Ratio Lower Upper
75 100
77 32.0 24.7 37.1

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

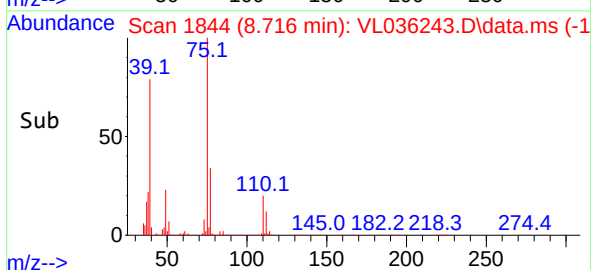
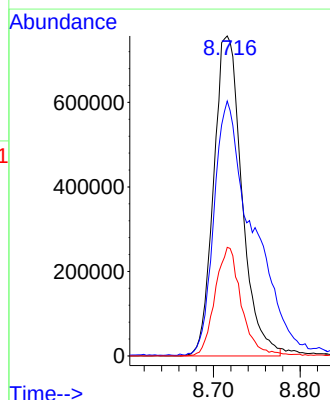
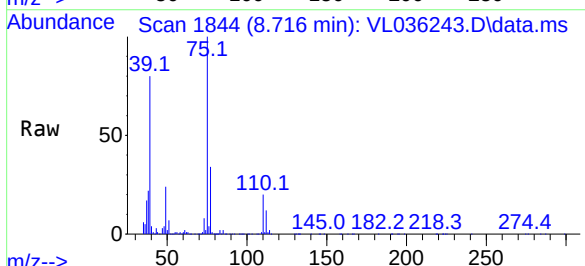
Manual Integrations
APPROVED

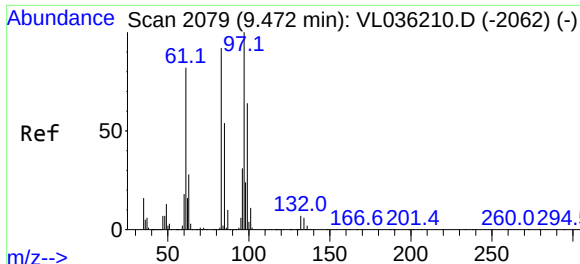
MMDadoda
1/21/2021 10:35:53 AM



#46
cis-1,3-Dichloropropene
Concen: 11.04 ppbv
RT: 8.716 min Scan# 1844
Delta R.T. 0.016 min
Lab File: VL036243.D
Acq: 20 Jan 2021 9:55

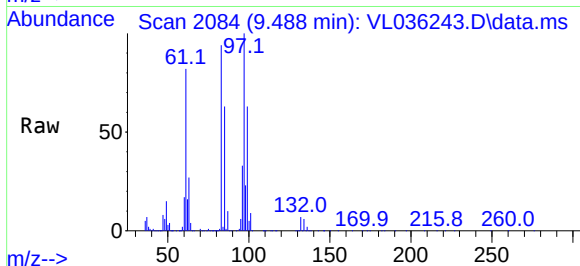
Tgt Ion: 75 Resp: 1713500
Ion Ratio Lower Upper
75 100
39 79.1 61.2 91.8
77 33.9 24.6 37.0





#47
1,1,2-Trichloroethane
Concen: 9.73 ppbv
RT: 9.488 min Scan# 2084
Delta R.T. 0.016 min
Lab File: VL036243.D
Acq: 20 Jan 2021 9:55

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

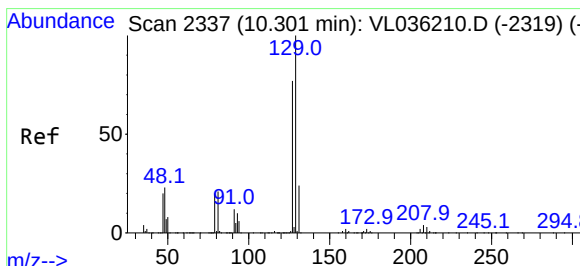
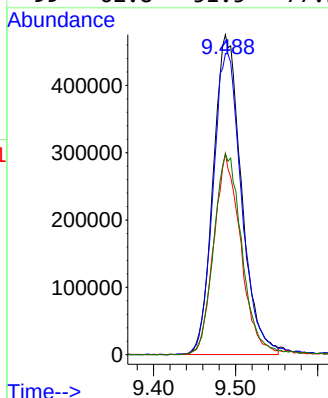
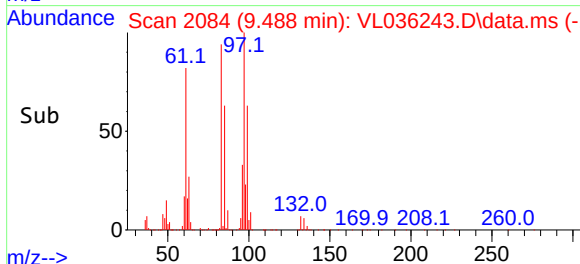


Tgt Ion: 97 Resp: 1130940

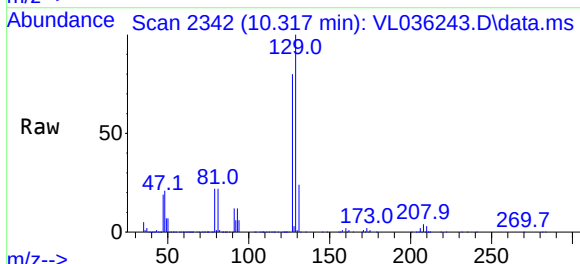
Ion	Ratio	Lower	Upper
97	100		
83	93.8	73.3	109.9
85	62.9	43.2	64.8
99	62.8	51.5	77.3

Manual Integrations
APPROVED

MMDadoda
1/21/2021 10:35:53 AM

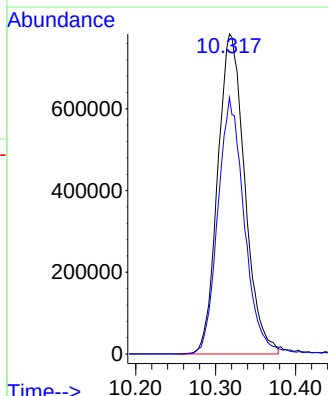
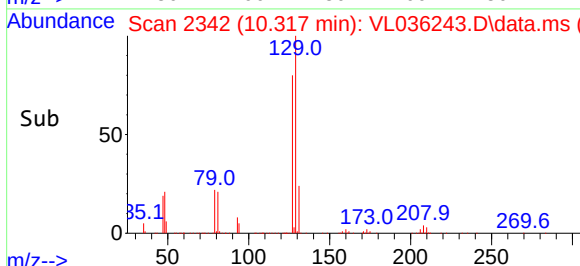


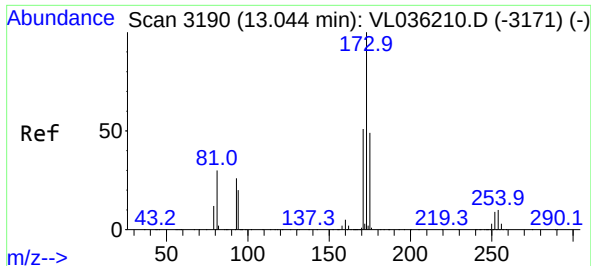
#48
Dibromochloromethane
Concen: 10.83 ppbv
RT: 10.317 min Scan# 2342
Delta R.T. 0.016 min
Lab File: VL036243.D
Acq: 20 Jan 2021 9:55



Tgt Ion: 129 Resp: 1843055

Ion	Ratio	Lower	Upper
129	100		
127	78.4	39.6	118.8





#49

Bromoform

Concen: 10.76 ppbv

RT: 13.057 min Scan# 3194

Delta R.T. 0.013 min

Lab File: VL036243.D

Acq: 20 Jan 2021 9:55

Tgt Ion:173 Resp: 1528343

Ion	Ratio	Lower	Upper
173	100		
175	50.3	40.7	61.1
171	52.3	43.0	64.6

Instrument :

MSVOA_L

ClientSampleId :

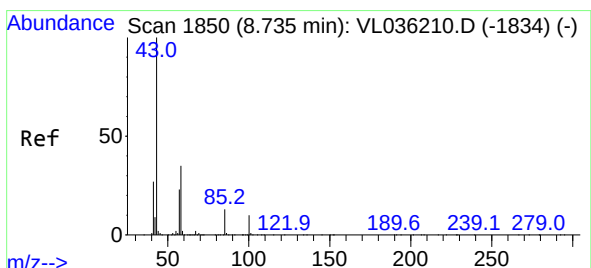
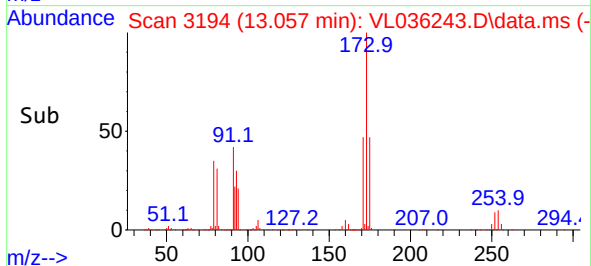
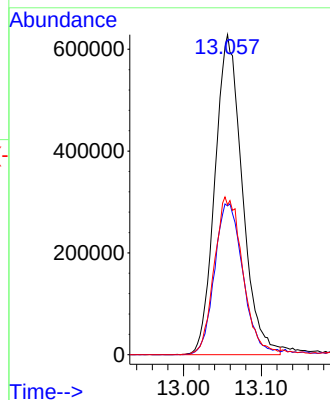
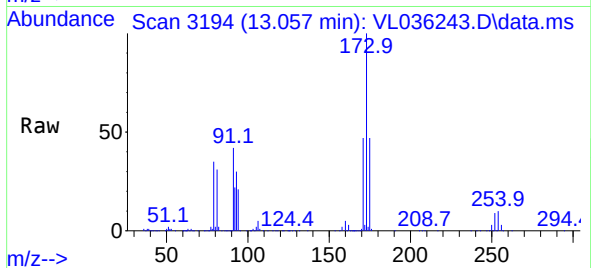
VSTDCCC010

Manual Integrations

APPROVED

MMDadoda

1/21/2021 10:35:53 AM



#50

4-Methyl-2-Pentanone

Concen: 9.53 ppbv

RT: 8.754 min Scan# 1856

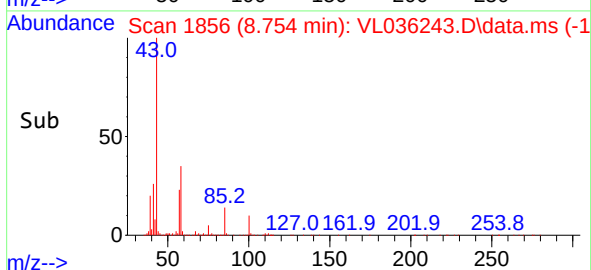
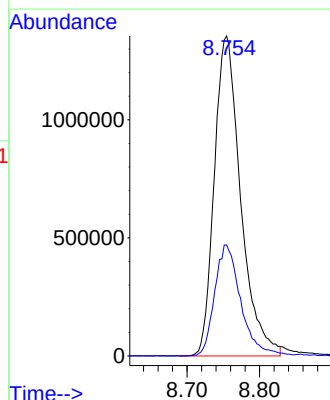
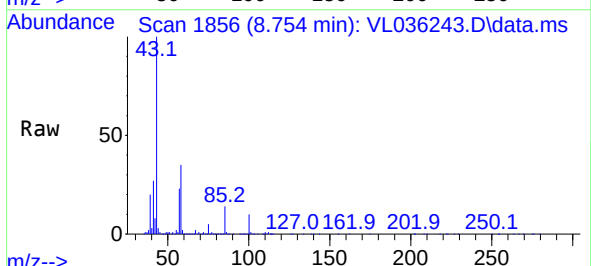
Delta R.T. 0.019 min

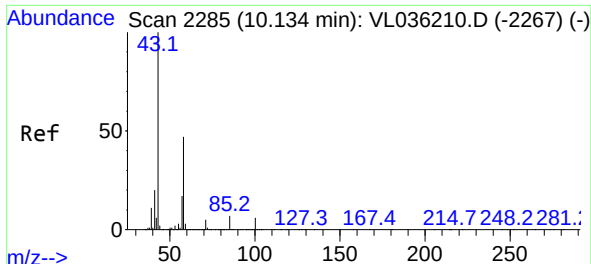
Lab File: VL036243.D

Acq: 20 Jan 2021 9:55

Tgt Ion: 43 Resp: 3419700

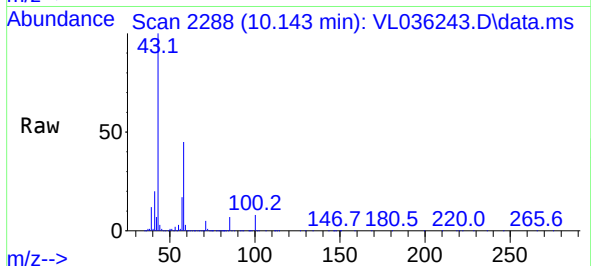
Ion	Ratio	Lower	Upper
43	100		
58	34.8	27.6	41.4





#51
2-Hexanone
Concen: 10.23 ppbv
RT: 10.143 min Scan# 2288
Delta R.T. 0.010 min
Lab File: VL036243.D
Acq: 20 Jan 2021 9:55

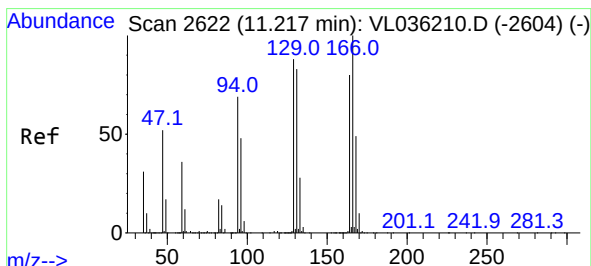
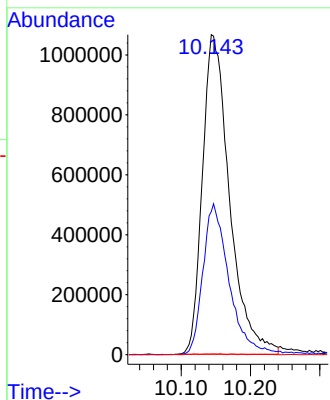
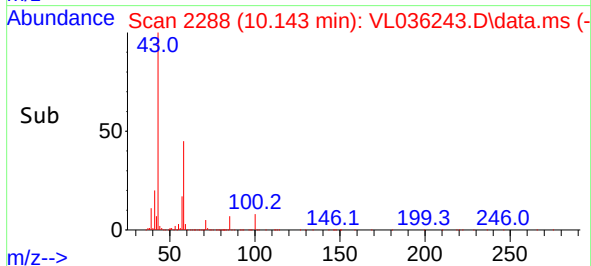
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



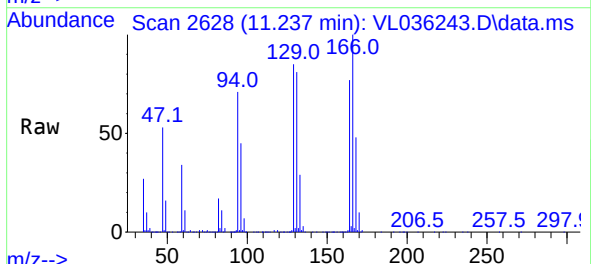
Tgt Ion: 43 Resp: 2895430
Ion Ratio Lower Upper
43 100
58 46.3 37.4 56.0
98 0.2 0.2 0.2

Manual Integrations
APPROVED

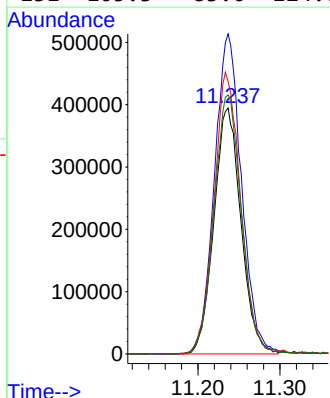
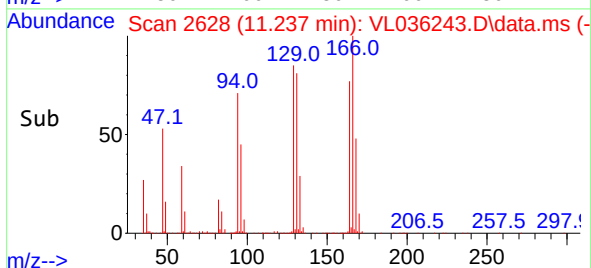
MMDadoda
1/21/2021 10:35:53 AM

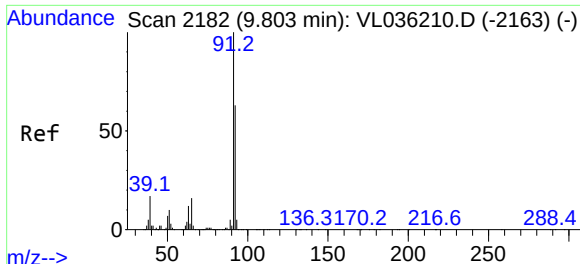


#52
Tetrachloroethene
Concen: 8.20 ppbv
RT: 11.237 min Scan# 2628
Delta R.T. 0.019 min
Lab File: VL036243.D
Acq: 20 Jan 2021 9:55



Tgt Ion: 164 Resp: 904852
Ion Ratio Lower Upper
164 100
166 130.1 99.9 149.9
129 110.6 88.2 132.4
131 105.3 83.0 124.6





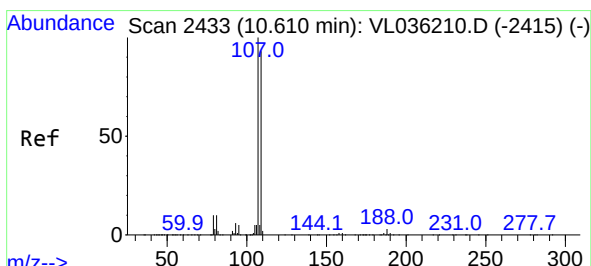
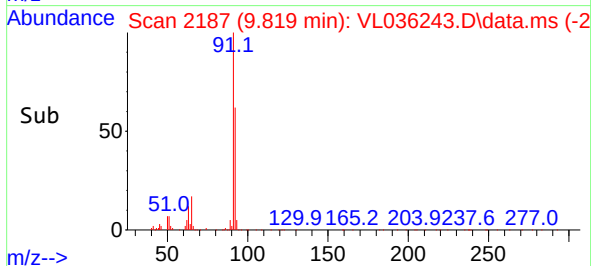
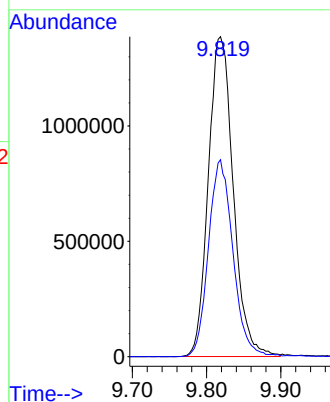
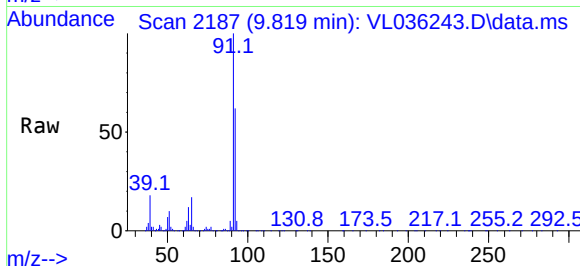
#53
Toluene
Concen: 9.66 ppbv
RT: 9.819 min Scan# 2187
Delta R.T. 0.016 min
Lab File: VL036243.D
Acq: 20 Jan 2021 9:55

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 91 Resp: 3233816
Ion Ratio Lower Upper
91 100
92 60.9 48.5 72.7

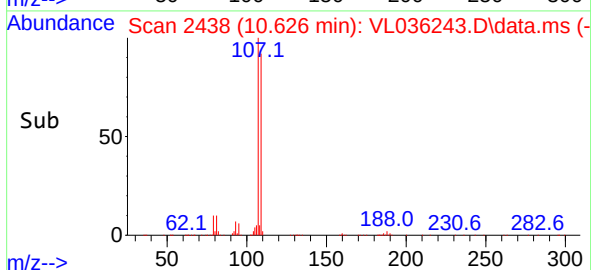
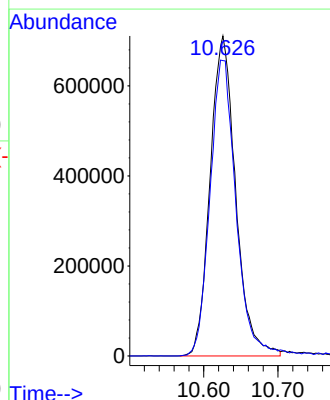
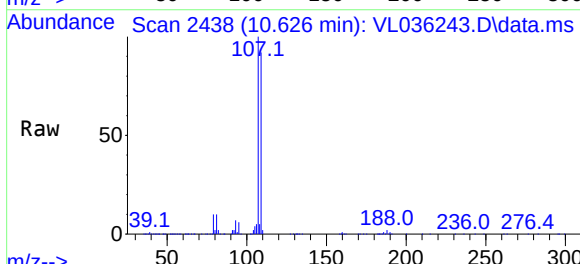
Manual Integrations
APPROVED

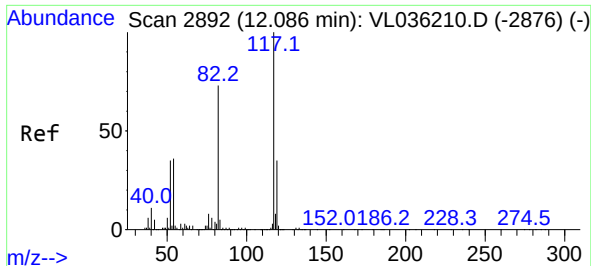
MMDadoda
1/21/2021 10:35:53 AM



#54
1,2-Dibromoethane
Concen: 9.86 ppbv
RT: 10.626 min Scan# 2438
Delta R.T. 0.016 min
Lab File: VL036243.D
Acq: 20 Jan 2021 9:55

Tgt Ion: 107 Resp: 1698840
Ion Ratio Lower Upper
107 100
109 92.3 74.5 111.7





#55
Chlorobenzene-d5
Concen: 10.00 ppbv m
RT: 12.098 min Scan# 2896
Delta R.T. 0.013 min
Lab File: VL036243.D
Acq: 20 Jan 2021 9:55

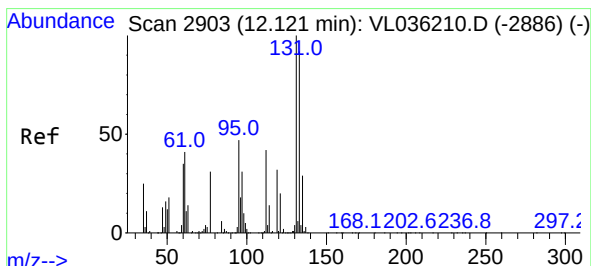
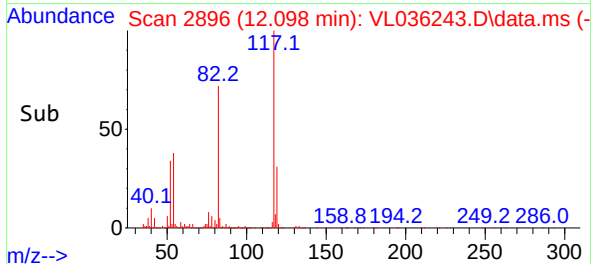
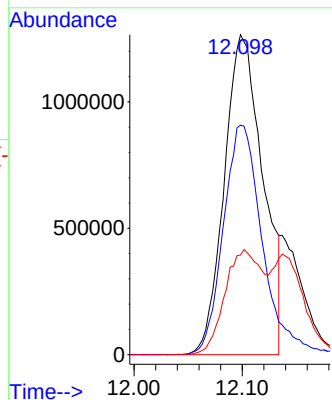
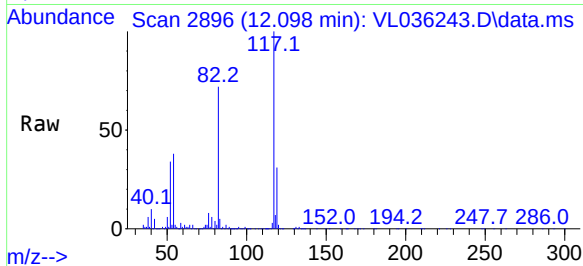
Tgt Ion:117 Resp: 3146777

Ion	Ratio	Lower	Upper
117	100		
82	72.8	59.7	89.5
119	32.6	28.6	43.0

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Manual Integrations
APPROVED

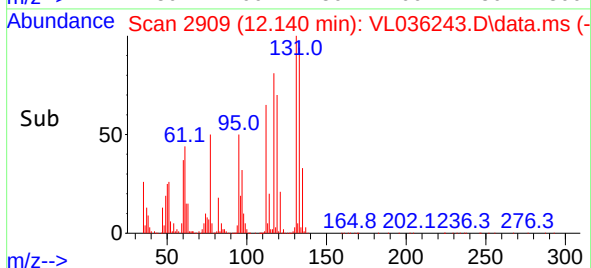
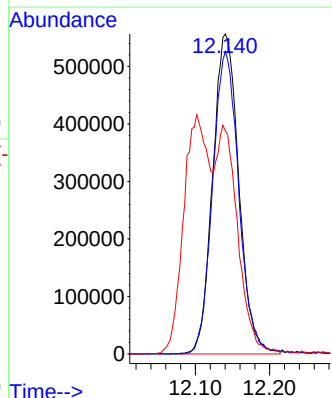
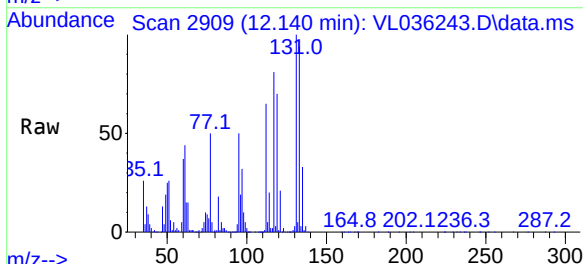
MMDadoda
1/21/2021 10:35:53 AM

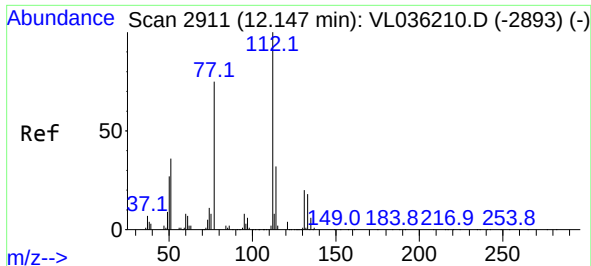


#56
1,1,1,2-Tetrachloroethane
Concen: 9.67 ppbv
RT: 12.140 min Scan# 2909
Delta R.T. 0.019 min
Lab File: VL036243.D
Acq: 20 Jan 2021 9:55

Tgt Ion:131 Resp: 1357650

Ion	Ratio	Lower	Upper
131	100		
133	95.1	76.5	114.7
119	59.0	45.4	68.0





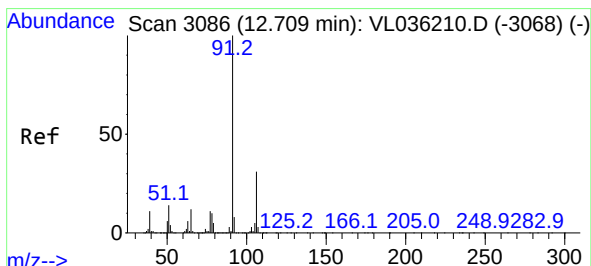
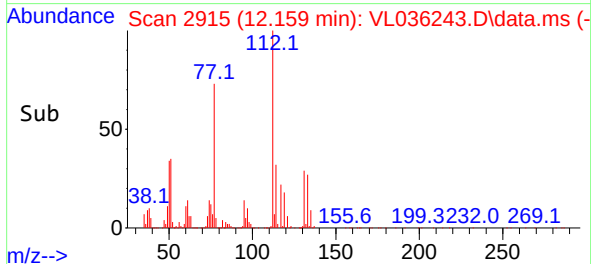
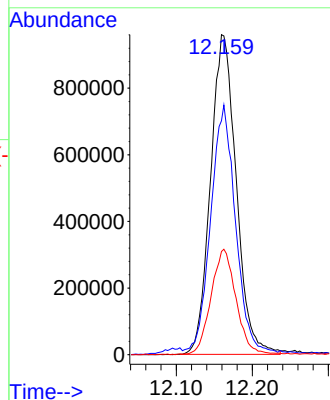
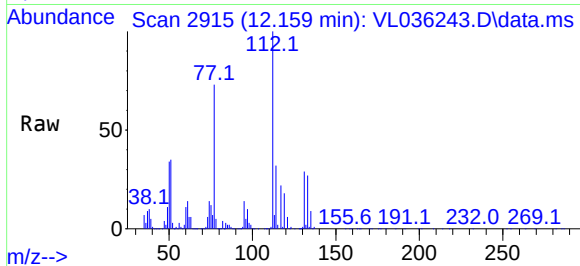
#57
Chlorobenzene
Concen: 9.14 ppbv
RT: 12.159 min Scan# 2915
Delta R.T. 0.013 min
Lab File: VL036243.D
Acq: 20 Jan 2021 9:55

Tgt Ion: 112 Resp: 2257200
Ion Ratio Lower Upper
112 100
77 71.9 59.6 89.4
114 32.1 28.7 35.1

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

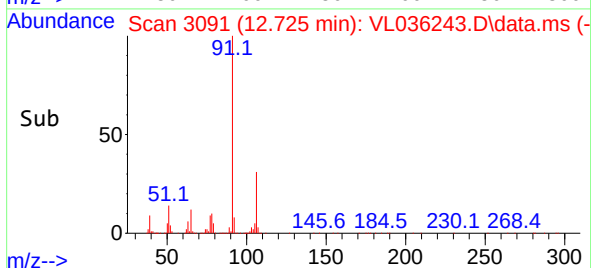
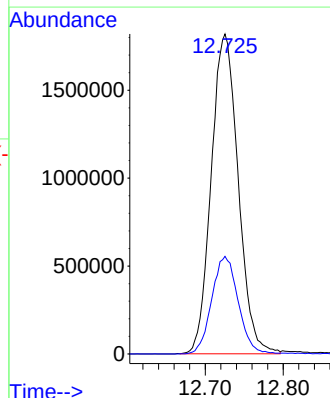
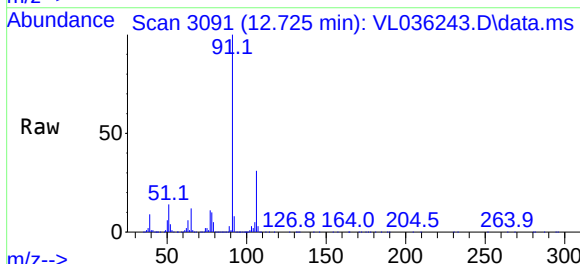
Manual Integrations
APPROVED

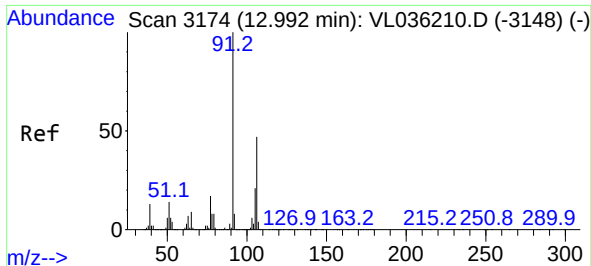
MMDadoda
1/21/2021 10:35:53 AM



#58
Ethyl Benzene
Concen: 9.37 ppbv
RT: 12.725 min Scan# 3091
Delta R.T. 0.016 min
Lab File: VL036243.D
Acq: 20 Jan 2021 9:55

Tgt Ion: 91 Resp: 4376015
Ion Ratio Lower Upper
91 100
106 30.5 24.8 37.2





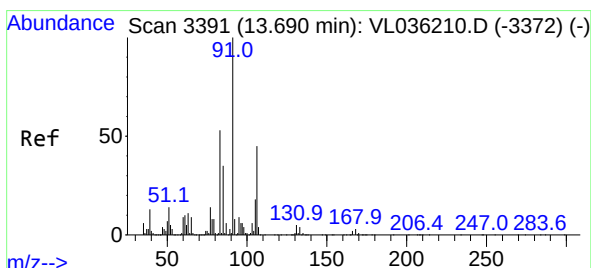
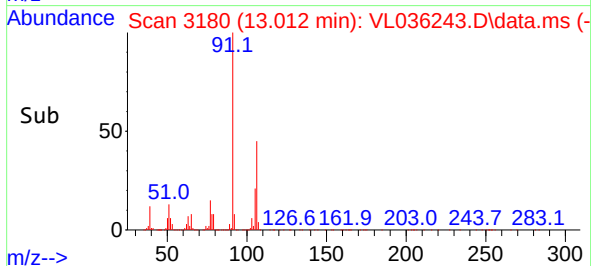
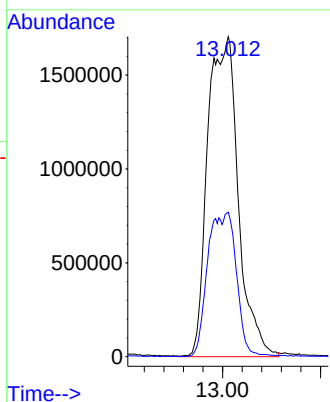
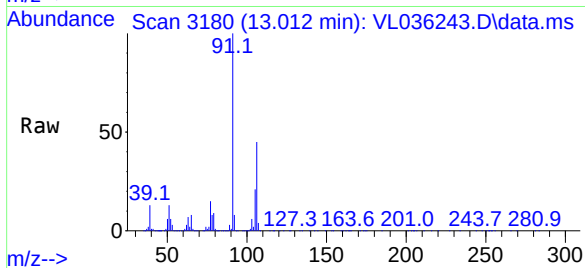
#59
m/p-Xylene
Concen: 18.39 ppbv m
RT: 13.012 min Scan# 3180
Delta R.T. 0.019 min
Lab File: VL036243.D
Acq: 20 Jan 2021 9:55

Tgt Ion: 91 Resp: 7379626
Ion Ratio Lower Upper
91 100
106 42.4 34.6 51.8

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

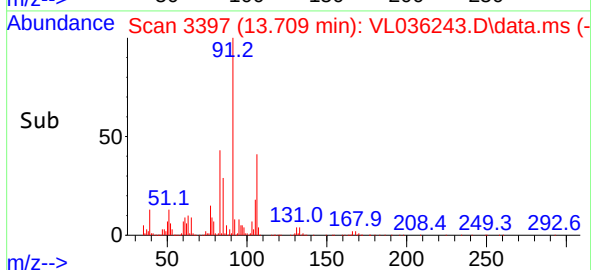
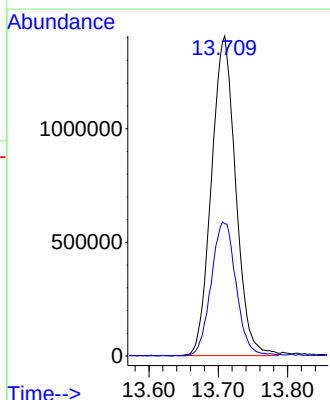
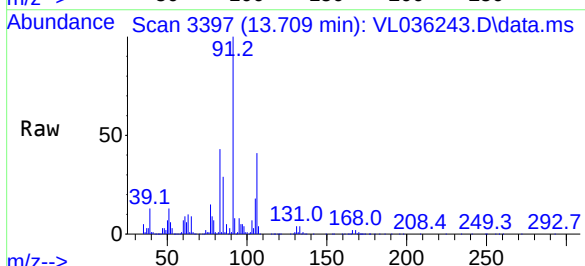
Manual Integrations
APPROVED

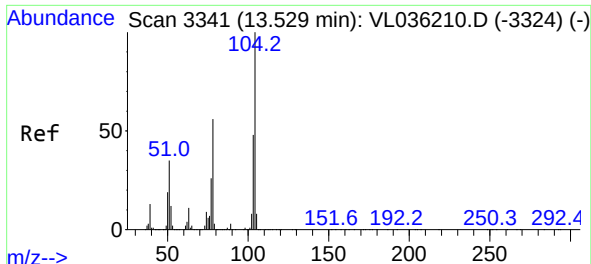
MMDadoda
1/21/2021 10:35:53 AM



#60
o-Xylene
Concen: 8.84 ppbv
RT: 13.709 min Scan# 3397
Delta R.T. 0.019 min
Lab File: VL036243.D
Acq: 20 Jan 2021 9:55

Tgt Ion: 91 Resp: 3419569
Ion Ratio Lower Upper
91 100
106 43.6 21.9 65.8





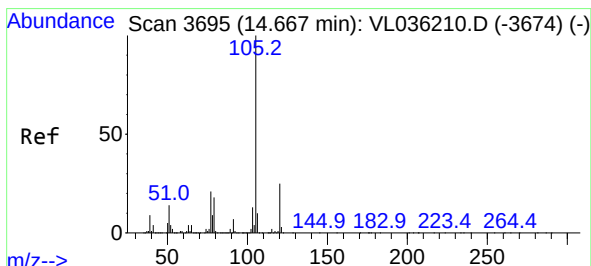
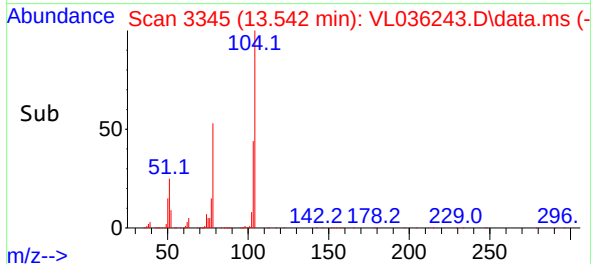
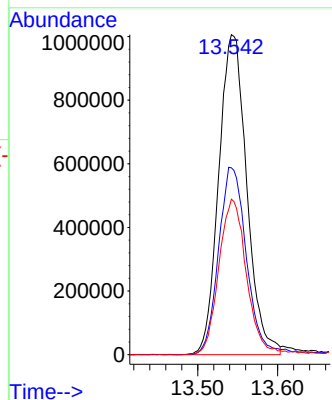
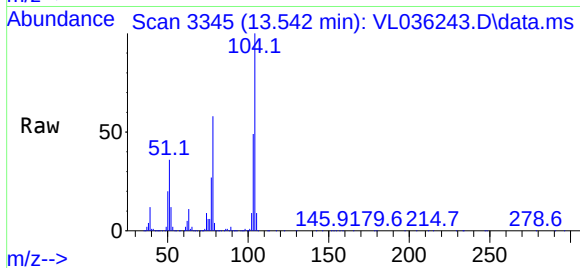
#61
Styrene
Concen: 10.02 ppbv
RT: 13.542 min Scan# 3345
Delta R.T. 0.013 min
Lab File: VL036243.D
Acq: 20 Jan 2021 9:55

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion:104 Resp: 2447358
Ion Ratio Lower Upper
104 100
78 59.0 46.8 70.2
103 48.4 38.4 57.6

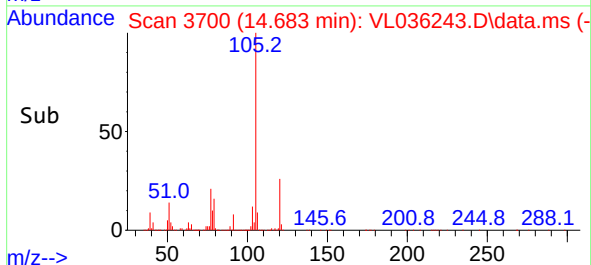
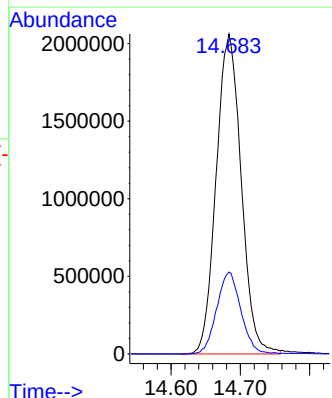
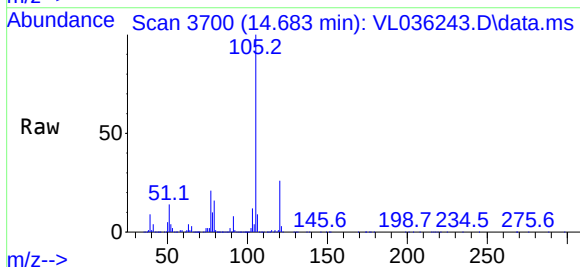
Manual Integrations
APPROVED

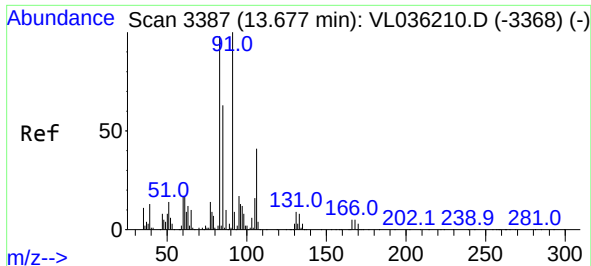
MMDadoda
1/21/2021 10:35:53 AM



#62
Isopropylbenzene
Concen: 8.98 ppbv
RT: 14.683 min Scan# 3700
Delta R.T. 0.016 min
Lab File: VL036243.D
Acq: 20 Jan 2021 9:55

Tgt Ion:105 Resp: 5162890
Ion Ratio Lower Upper
105 100
120 25.0 20.3 30.5





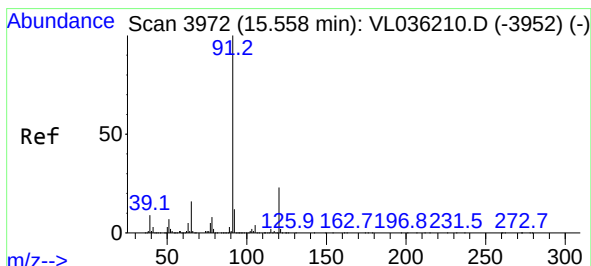
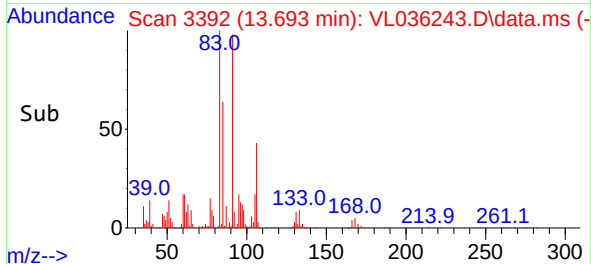
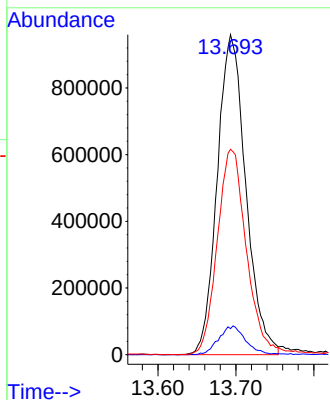
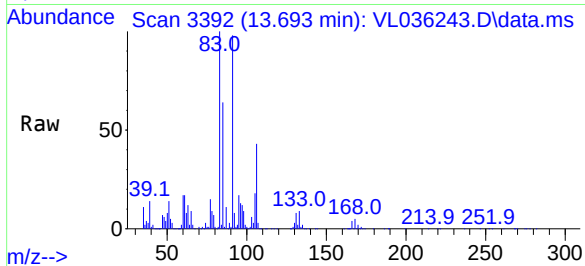
#63
1,1,2,2-Tetrachloroethane
Concen: 8.49 ppbv
RT: 13.693 min Scan# 3392
Delta R.T. 0.016 min
Lab File: VL036243.D
Acq: 20 Jan 2021 9:55

Tgt Ion: 83 Resp: 2445940
Ion Ratio Lower Upper
83 100
131 8.6 4.5 13.5
85 66.4 33.1 99.3

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

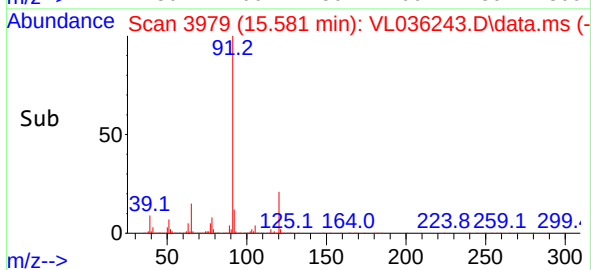
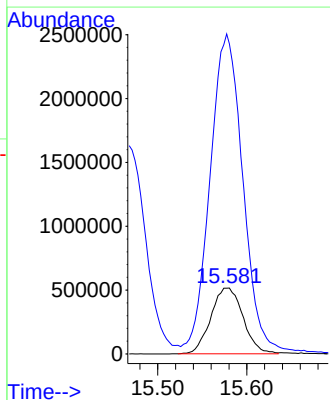
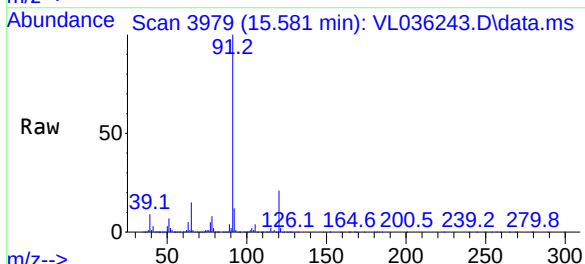
Manual Integrations
APPROVED

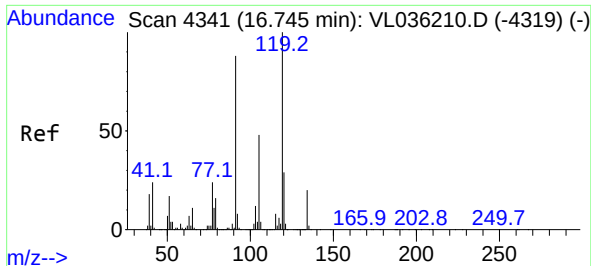
MMDadoda
1/21/2021 10:35:53 AM



#64
n-propylbenzene
Concen: 9.16 ppbv
RT: 15.581 min Scan# 3979
Delta R.T. 0.022 min
Lab File: VL036243.D
Acq: 20 Jan 2021 9:55

Tgt Ion: 120 Resp: 1294835
Ion Ratio Lower Upper
120 100
91 499.8 391.8 587.6





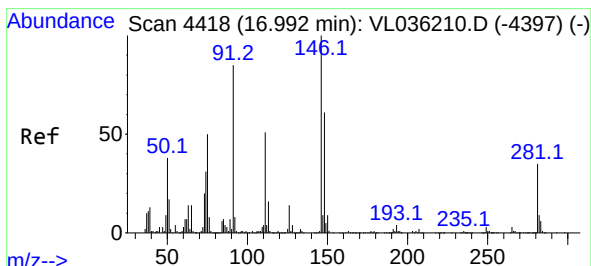
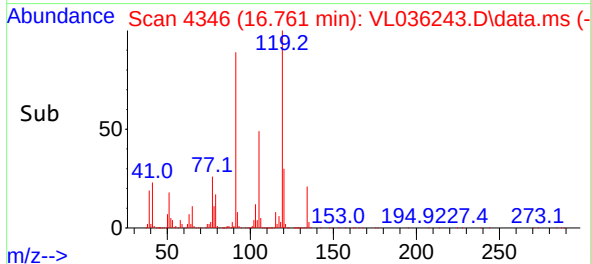
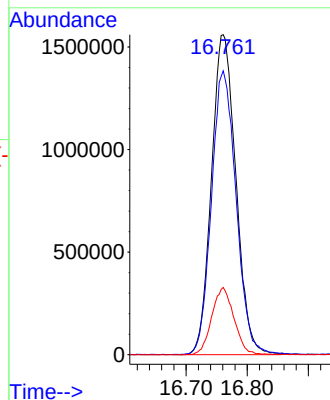
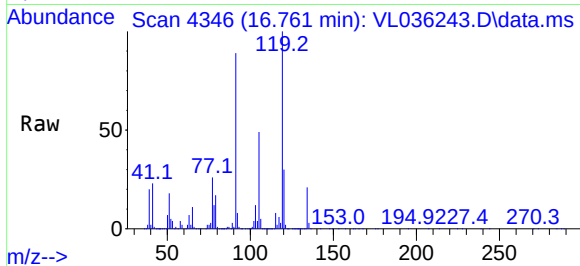
#65
tert-Butylbenzene
Concen: 8.88 ppbv
RT: 16.761 min Scan# 4346
Delta R.T. 0.016 min
Lab File: VL036243.D
Acq: 20 Jan 2021 9:55

Tgt Ion: 119 Resp: 4325672
Ion Ratio Lower Upper
119 100
91 89.6 71.0 106.6
134 19.2 15.8 23.6

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

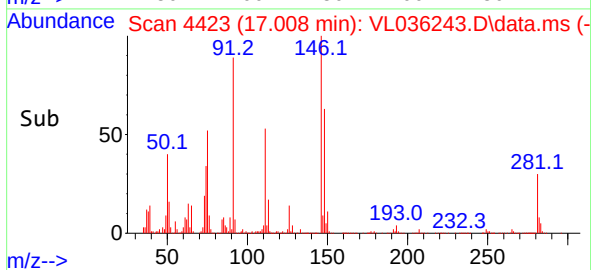
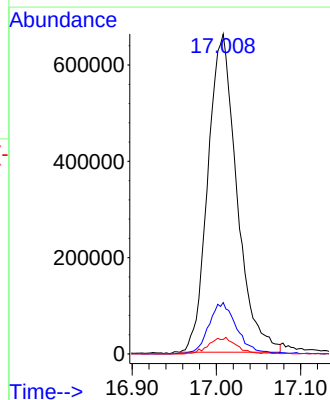
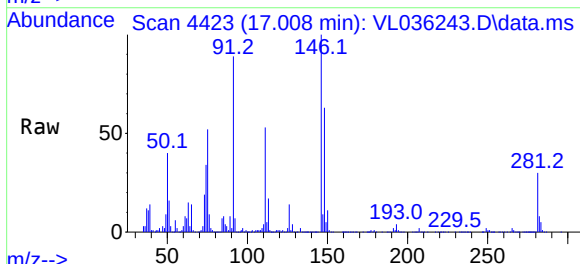
Manual Integrations
APPROVED

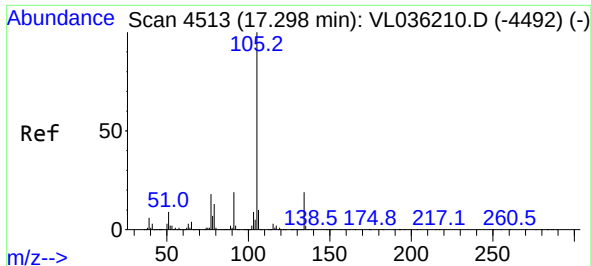
MMDadoda
1/21/2021 10:35:53 AM



#66
Benzyl Chloride
Concen: 12.65 ppbv
RT: 17.008 min Scan# 4423
Delta R.T. 0.016 min
Lab File: VL036243.D
Acq: 20 Jan 2021 9:55

Tgt Ion: 91 Resp: 1574338
Ion Ratio Lower Upper
91 100
126 15.9 12.6 19.0
128 5.1 3.8 5.6





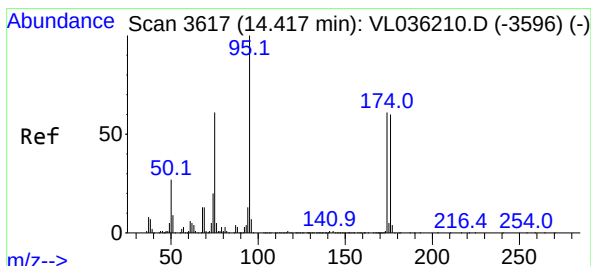
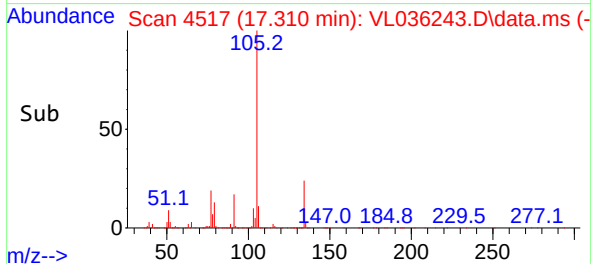
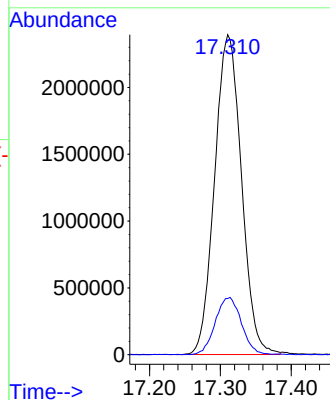
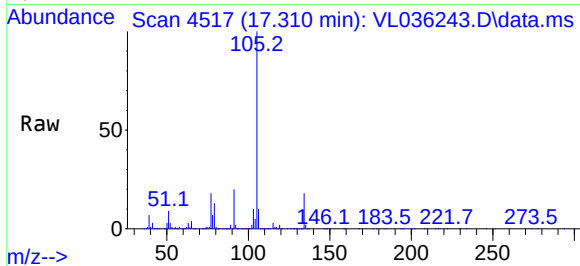
#67
 sec-Butylbenzene
 Concen: 8.70 ppbv
 RT: 17.310 min Scan# 4517
 Delta R.T. 0.013 min
 Lab File: VL036243.D
 Acq: 20 Jan 2021 9:55

Tgt Ion: 105 Resp: 6289610
 Ion Ratio Lower Upper
 105 100
 134 17.5 14.2 21.4

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

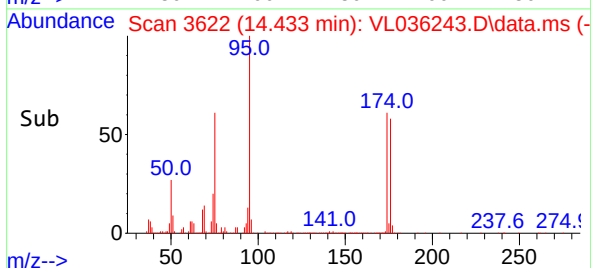
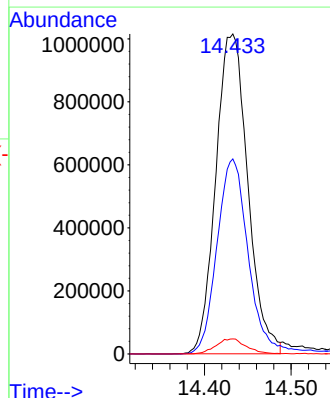
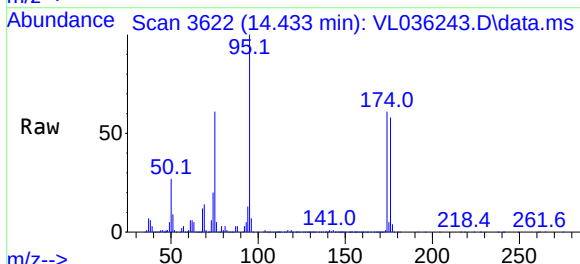
Manual Integrations
 APPROVED

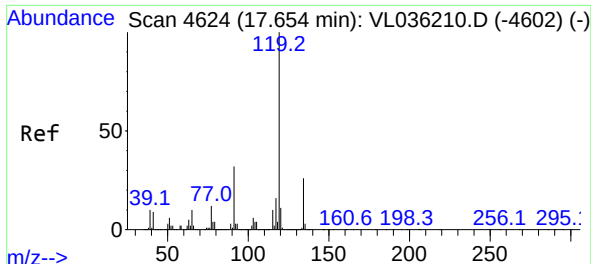
MMDadoda
 1/21/2021 10:35:53 AM



#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.00 ppbv
 RT: 14.433 min Scan# 3622
 Delta R.T. 0.016 min
 Lab File: VL036243.D
 Acq: 20 Jan 2021 9:55

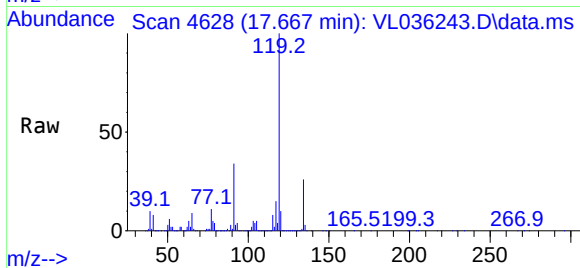
Tgt Ion: 95 Resp: 2605942
 Ion Ratio Lower Upper
 95 100
 174 61.1 49.4 74.0
 175 4.5 3.8 5.8





#69
p-Isopropyltoluene
Concen: 8.87 ppbv
RT: 17.667 min Scan# 4628
Delta R.T. 0.013 min
Lab File: VL036243.D
Acq: 20 Jan 2021 9:55

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

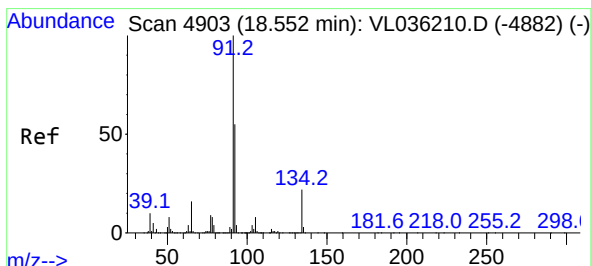
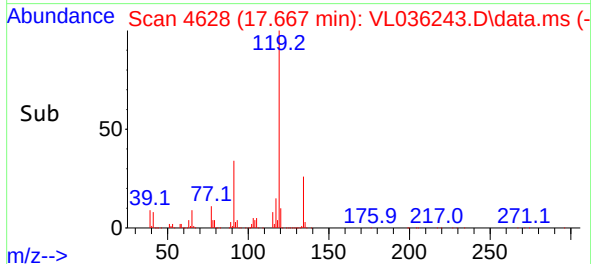
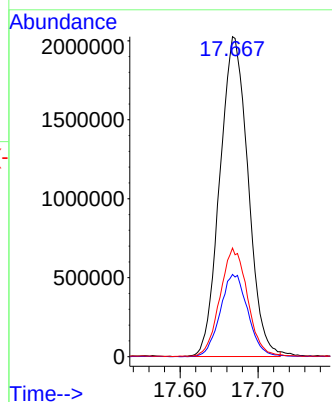


Tgt Ion: 119 Resp: 5087114

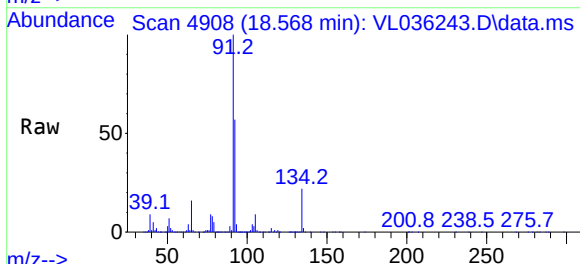
Ion	Ratio	Lower	Upper
119	100		
134	25.4	20.2	30.4
91	33.2	26.0	39.0

Manual Integrations
APPROVED

MMDadoda
1/21/2021 10:35:53 AM

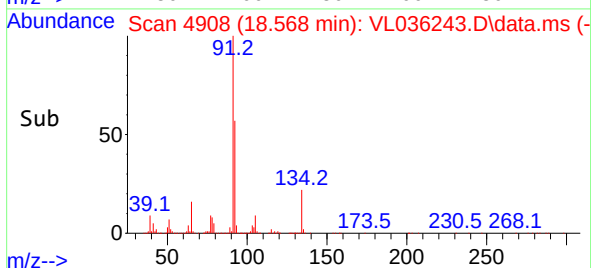
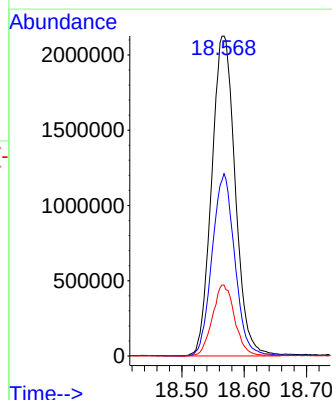


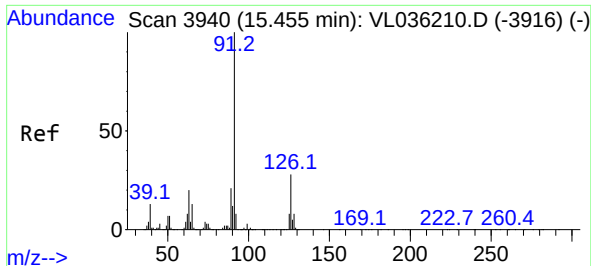
#70
n-Butylbenzene
Concen: 9.13 ppbv
RT: 18.568 min Scan# 4908
Delta R.T. 0.016 min
Lab File: VL036243.D
Acq: 20 Jan 2021 9:55



Tgt Ion: 91 Resp: 5580844

Ion	Ratio	Lower	Upper
91	100		
92	54.9	44.0	66.0
134	21.1	17.0	25.4





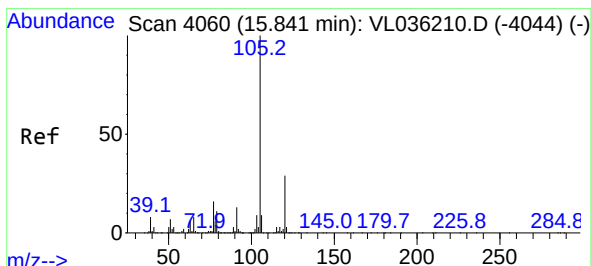
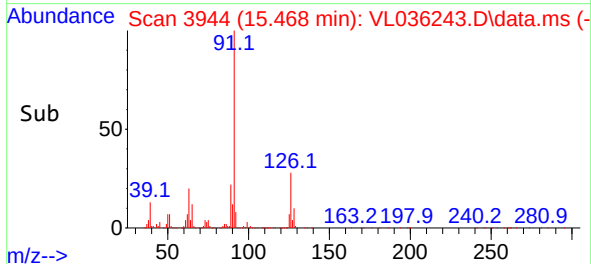
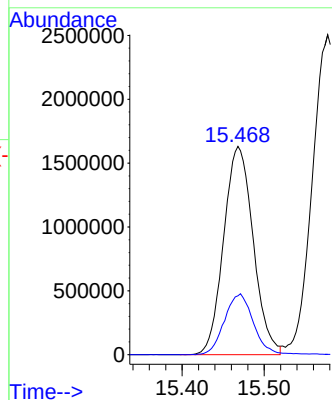
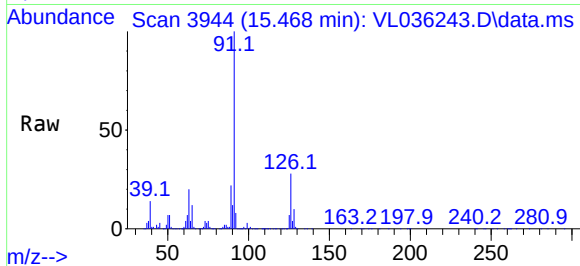
#71
2-Chlorotoluene
Concen: 9.04 ppbv
RT: 15.468 min Scan# 3944
Delta R.T. 0.013 min
Lab File: VL036243.D
Acq: 20 Jan 2021 9:55

Tgt Ion: 91 Resp: 4086723
Ion Ratio Lower Upper
91 100
126 28.8 11.5 45.9

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

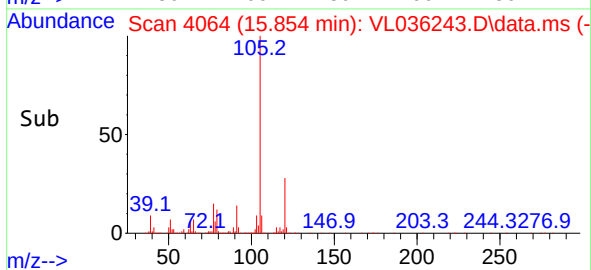
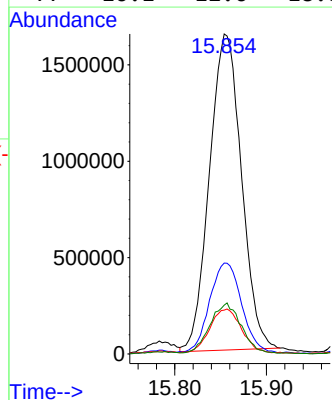
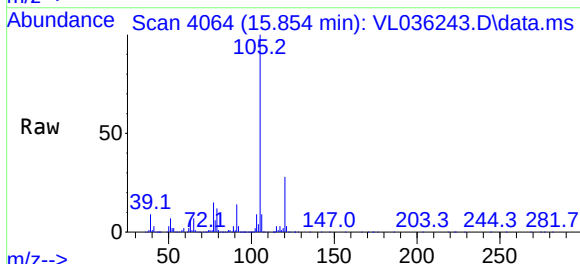
Manual Integrations
APPROVED

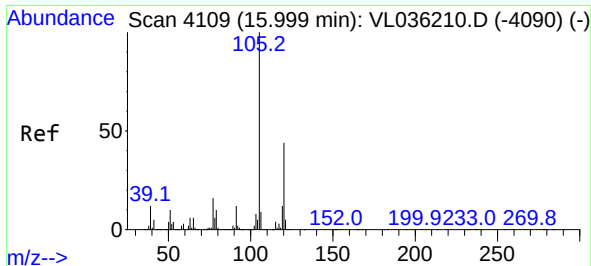
MMDadoda
1/21/2021 10:35:53 AM



#72
4-Ethyltoluene
Concen: 9.10 ppbv
RT: 15.854 min Scan# 4064
Delta R.T. 0.013 min
Lab File: VL036243.D
Acq: 20 Jan 2021 9:55

Tgt Ion: 105 Resp: 3973863
Ion Ratio Lower Upper
105 100
120 29.5 23.7 35.5
91 14.2 11.9 17.9
77 16.1 12.6 18.8





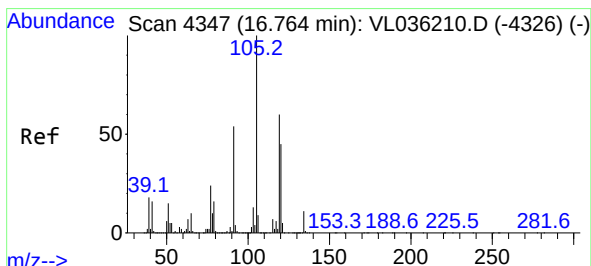
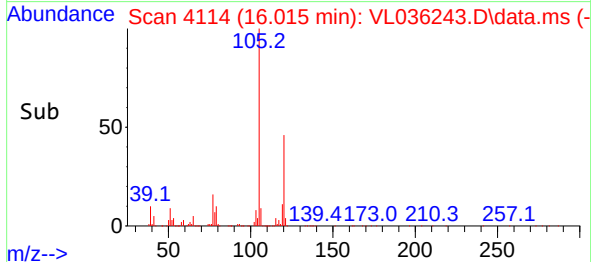
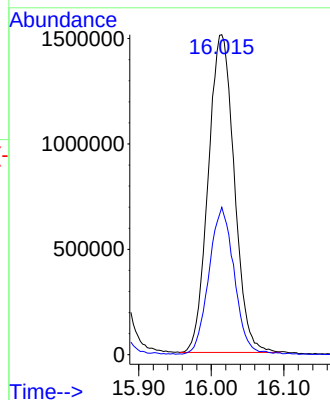
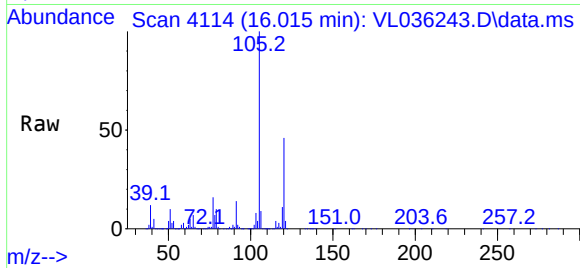
#73
1,3,5-Trimethylbenzene
Concen: 9.04 ppbv
RT: 16.015 min Scan# 4114
Delta R.T. 0.016 min
Lab File: VL036243.D
Acq: 20 Jan 2021 9:55

Tgt Ion:105 Resp: 3760217
Ion Ratio Lower Upper
105 100
120 46.1 35.5 53.3

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

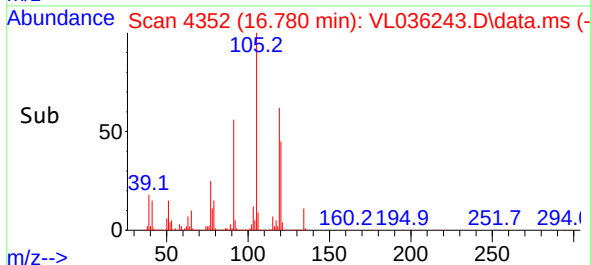
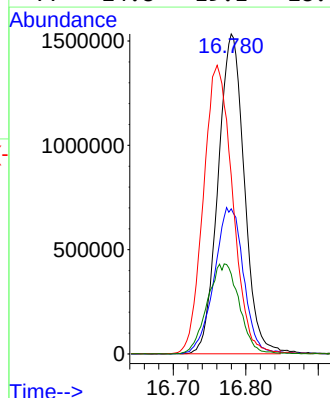
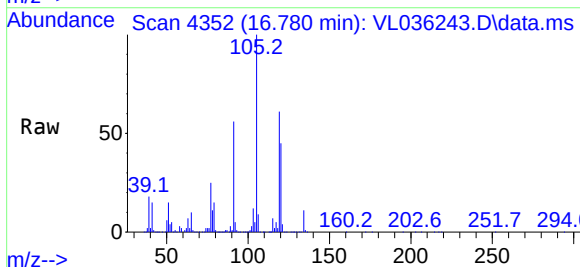
Manual Integrations
APPROVED

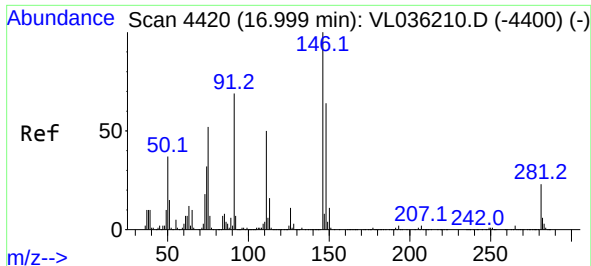
MMDadoda
1/21/2021 10:35:53 AM



#74
1,2,4-Trimethylbenzene
Concen: 9.00 ppbv
RT: 16.780 min Scan# 4352
Delta R.T. 0.016 min
Lab File: VL036243.D
Acq: 20 Jan 2021 9:55

Tgt Ion:105 Resp: 3841404
Ion Ratio Lower Upper
105 100
120 45.2 36.2 54.2
91 55.3 43.3 64.9
77 24.8 19.1 28.7





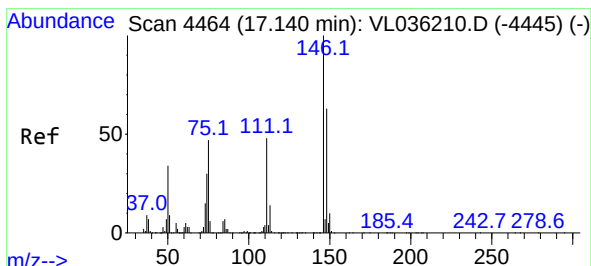
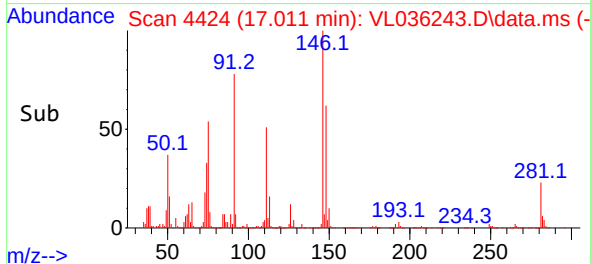
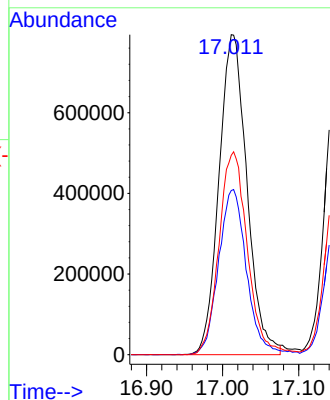
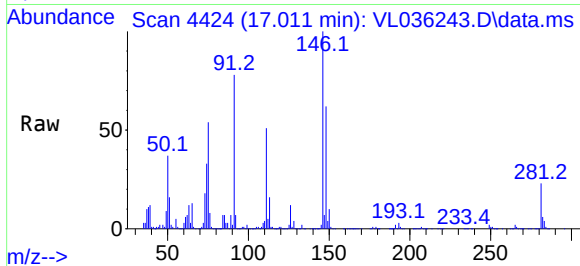
#75
1,3-Dichlorobenzene
Concen: 8.84 ppbv
RT: 17.011 min Scan# 4424
Delta R.T. 0.013 min
Lab File: VL036243.D
Acq: 20 Jan 2021 9:55

Tgt Ion:146 Resp: 2023403
Ion Ratio Lower Upper
146 100
111 51.8 25.5 76.5
148 64.5 32.4 97.2

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

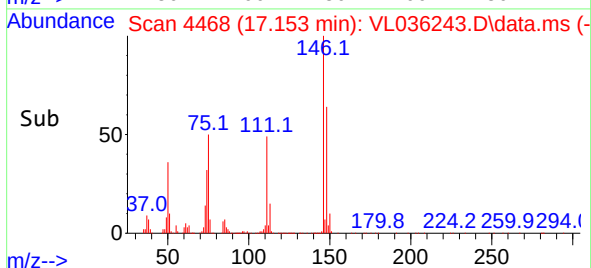
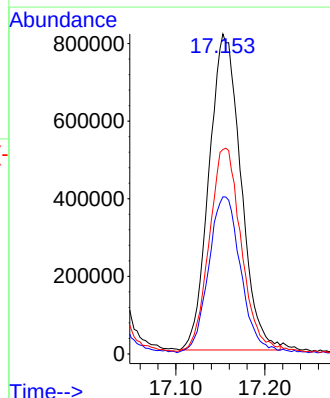
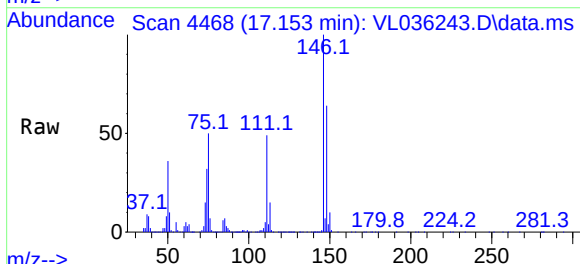
Manual Integrations
APPROVED

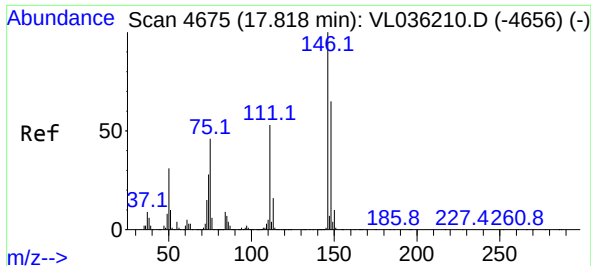
MMDadoda
1/21/2021 10:35:53 AM



#76
1,4-Dichlorobenzene
Concen: 8.92 ppbv
RT: 17.153 min Scan# 4468
Delta R.T. 0.013 min
Lab File: VL036243.D
Acq: 20 Jan 2021 9:55

Tgt Ion:146 Resp: 2017893
Ion Ratio Lower Upper
146 100
111 51.6 25.4 76.0
148 67.0 33.3 99.9





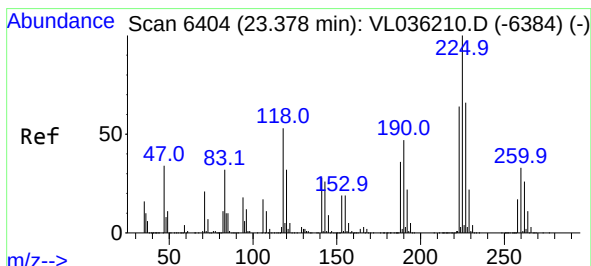
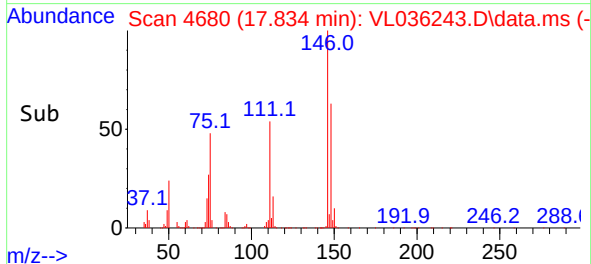
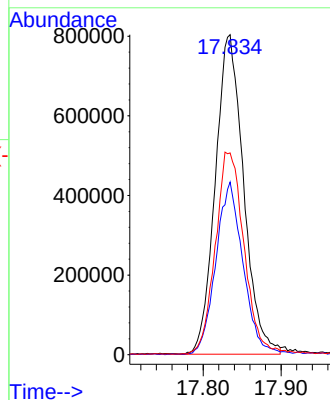
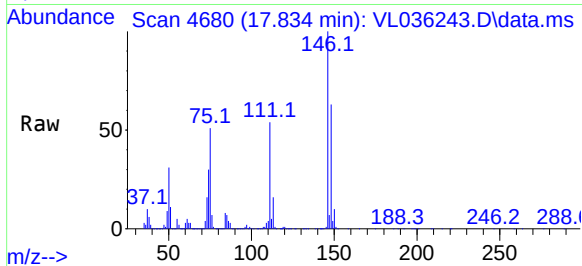
#77
1,2-Dichlorobenzene
Concen: 9.06 ppbv
RT: 17.834 min Scan# 4680
Delta R.T. 0.016 min
Lab File: VL036243.D
Acq: 20 Jan 2021 9:55

Tgt Ion:146 Resp: 2024963
Ion Ratio Lower Upper
146 100
111 53.0 26.5 79.4
148 64.6 32.8 98.4

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

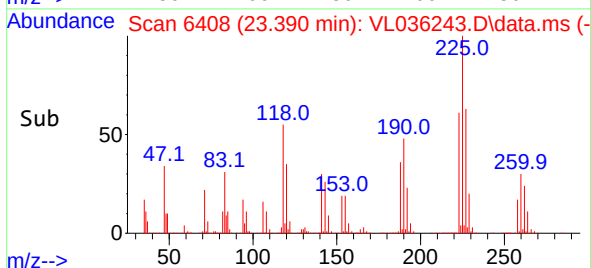
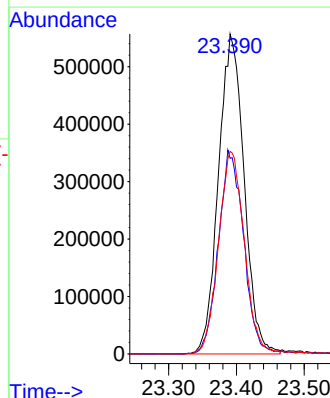
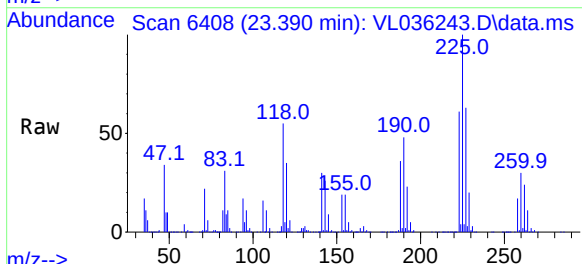
Manual Integrations
APPROVED

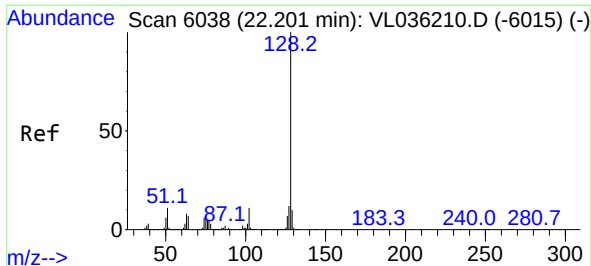
MMDadoda
1/21/2021 10:35:53 AM



#78
Hexachloro-1,3-Butadiene
Concen: 8.17 ppbv
RT: 23.390 min Scan# 6408
Delta R.T. 0.013 min
Lab File: VL036243.D
Acq: 20 Jan 2021 9:55

Tgt Ion:225 Resp: 1461623
Ion Ratio Lower Upper
225 100
223 63.2 50.5 75.7
227 64.4 51.7 77.5





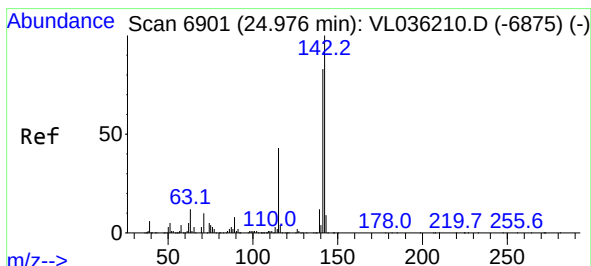
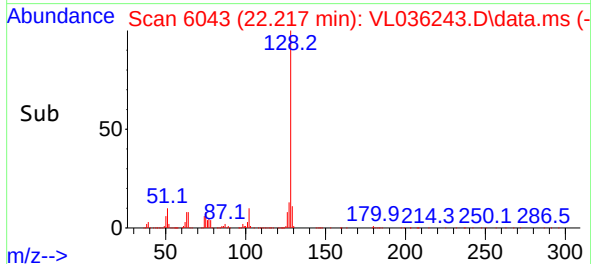
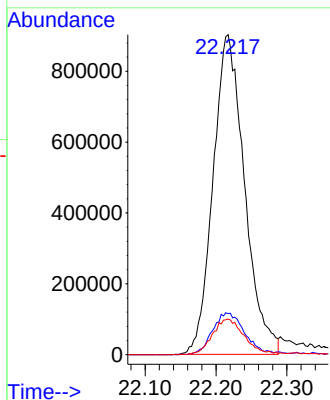
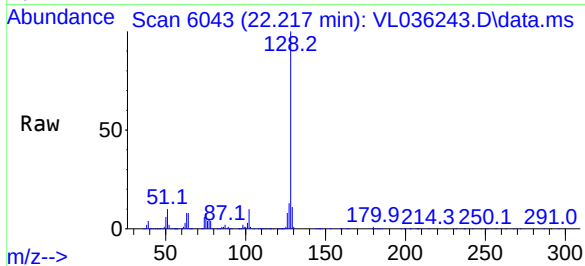
#79
Naphthalene
Concen: 11.19 ppbv
RT: 22.217 min Scan# 6043
Delta R.T. 0.016 min
Lab File: VL036243.D
Acq: 20 Jan 2021 9:55

Tgt Ion:128 Resp: 2791176
Ion Ratio Lower Upper
128 100
127 12.9 9.9 14.9
129 11.2 8.4 12.6

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

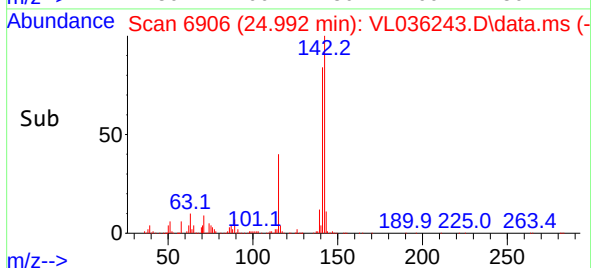
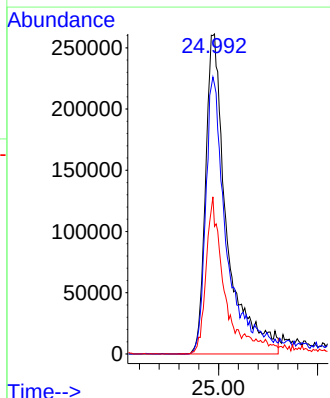
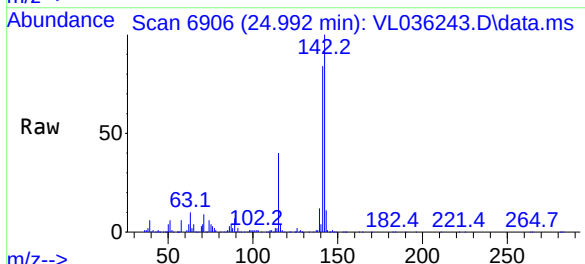
Manual Integrations
APPROVED

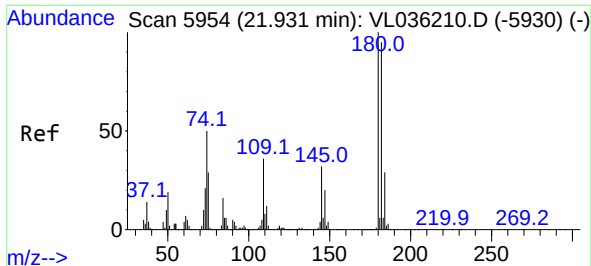
MMDadoda
1/21/2021 10:35:53 AM



#80
Naphthalene,2-methyl-
Concen: 14.64 ppbv
RT: 24.992 min Scan# 6906
Delta R.T. 0.016 min
Lab File: VL036243.D
Acq: 20 Jan 2021 9:55

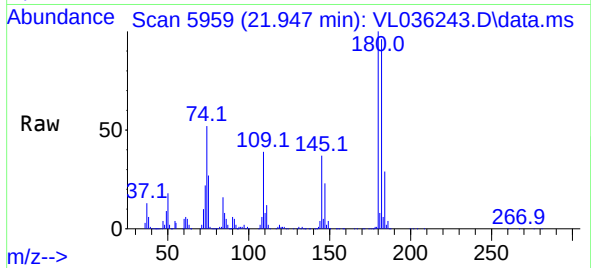
Tgt Ion:142 Resp: 779418
Ion Ratio Lower Upper
142 100
141 88.0 68.6 102.8
115 45.1 32.9 49.3





#81
 1,2,4-Trichlorobenzene
 Concen: 9.88 ppbv
 RT: 21.947 min Scan# 5959
 Delta R.T. 0.016 min
 Lab File: VL036243.D
 Acq: 20 Jan 2021 9:55

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010



Tgt Ion:180 Resp: 1438289

Ion	Ratio	Lower	Upper
180	100		
182	98.6	79.9	119.9
184	33.5	25.6	38.4

Manual Integrations
 APPROVED

MMDadoda
 1/21/2021 10:35:53 AM

