

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL090721\
 Data File : VL037541.D
 Acq On : 7 Sep 2021 8:26
 Operator : SY/AP
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

Manual Integrations
 APPROVED

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 9/10/2021 10:48:27 AM

Quant Time: Sep 08 11:09:40 2021

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

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

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

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.668	49	1847872	10.000	ppbv	0.02
33) 1,4-Difluorobenzene	7.176	114	5547285	10.000	ppbv	0.02
55) Chlorobenzene-d5	12.082	117	5112239m	10.000	ppbv	0.02

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene 14.410 95 3884105 10.694 ppbv 0.02
 Spiked Amount 10.000 Range 65 - 135 Recovery = 106.900%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	3.051	85	3521073	11.876	ppbv	99
3) Chlorodifluoromethane	2.989	51	3188693	9.012	ppbv	100
4) Chloromethane	3.141	50	1199313	9.485	ppbv	95
5) Vinyl Chloride	3.260	62	1205400	9.305	ppbv	94
6) Bromomethane	3.478	94	667625	9.408	ppbv	97
7) Chloroethane	3.559	64	401839	9.088	ppbv #	87
8) Dichlorotetrafluoroethane	3.189	85	2716771	8.876	ppbv	98
9) Propene	3.012	41	1179601	9.317	ppbv	100
10) Heptane	8.121	43	2917414	10.011	ppbv	99
11) Trichlorofluoromethane	3.954	101	2520315	9.056	ppbv	99
12) 1,1,2-Trichlorotrifluo...	4.485	101	1865608	9.135	ppbv	98
13) Ethanol	3.607	45	130387m	10.584	ppbv	
14) Bromoethene	3.742	108	857477	9.248	ppbv	98
15) Acetone	3.851	43	1510941	8.034	ppbv	98
16) 1,3-Butadiene	3.330	39	1157779	9.597	ppbv	98
17) tert-Butyl alcohol	4.285	59	1600327	9.315	ppbv	99
18) 1,1-Dichloroethene	4.292	96	858881	9.258	ppbv	96
19) Isopropyl Alcohol	3.967	45	940656	8.731	ppbv #	96
20) Methylene Chloride	4.343	84	726874	7.720	ppbv	94
21) Allyl Chloride	4.414	41	1385123	9.068	ppbv	97
22) trans-1,2-Dichloroethene	4.883	96	887591	9.590	ppbv	93
23) Vinyl Acetate	5.073	43	2767810	9.985	ppbv	100
24) 1,1-Dichloroethane	5.012	63	1750383	8.706	ppbv	98
25) Ethyl Acetate	5.674	43	4417502	9.253	ppbv	99
26) Hexane	5.687	57	2155027	9.232	ppbv	99
27) Carbon Disulfide	4.549	76	2120893	10.195	ppbv	100
28) Methyl tert-Butyl Ether	5.031	73	1855646	8.277	ppbv	98
29) Chloroform	5.755	83	3056732	9.240	ppbv	96
30) Cyclohexane	7.131	84	1800674	9.258	ppbv	98
31) cis-1,2-Dichloroethene	5.546	61	2032747	9.622	ppbv	99
32) 1,1,1-Trichloroethane	6.510	97	2969111	9.135	ppbv	99
34) 2-Butanone	5.243	43	2050285	9.051	ppbv	96
35) Carbon Tetrachloride	7.018	117	3095678	9.443	ppbv	100
36) Benzene	6.893	78	4450178	9.543	ppbv	99
37) 1,2-Dichloroethane	6.308	62	2168738	9.389	ppbv	100
38) Trichloroethene	7.835	130	1774218	9.273	ppbv	95
39) 1,2-Dichloropropane	7.613	63	1714053	9.566	ppbv	98
40) 1,4-Dioxane	7.832	88	377659	8.603	ppbv #	100
41) Tetrahydrofuran	6.050	42	1085811	9.950	ppbv	99
42) Bromodichloromethane	7.790	83	3266715	9.672	ppbv	97
43) Methyl Methacrylate	8.012	69	1635302	10.061	ppbv	99
44) 2,2,4-Trimethylpentane	7.867	57	7359849	9.378	ppbv	100
45) t-1,3-Dichloropropene	9.275	75	1478740	12.086	ppbv	95

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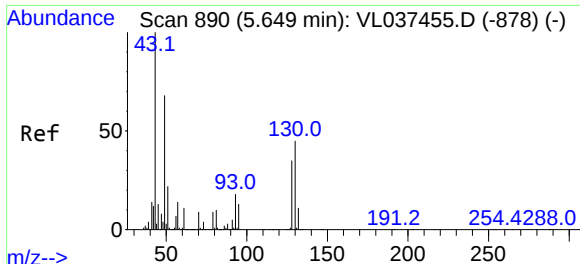
Manual Integrations
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Quant Time: Sep 08 11:09:40 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL081621AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Tue Aug 17 02:13:47 2021
 QLast Update : Tue Aug 17 02:13:47 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.703	75	1913276	11.210	ppbv	97
47) 1,1,2-Trichloroethane	9.471	97	1874020	9.679	ppbv	96
48) Dibromochloromethane	10.304	129	2930099	10.516	ppbv	99
49) Bromoform	13.040	173	2480622	11.294	ppbv	97
50) 4-Methyl-2-Pentanone	8.738	43	3017622	10.211	ppbv	99
51) 2-Hexanone	10.134	43	1485538	10.929	ppbv #	98
52) Tetrachloroethene	11.221	164	1655072	8.661	ppbv	96
53) Toluene	9.806	91	5234713	9.831	ppbv	99
54) 1,2-Dibromoethane	10.606	107	2653806	9.818	ppbv	100
56) 1,1,1,2-Tetrachloroethane	12.121	131	2043151	9.591	ppbv	96
57) Chlorobenzene	12.147	112	3855086	9.087	ppbv	98
58) Ethyl Benzene	12.706	91	6704227	9.450	ppbv	99
59) m/p-Xylene	12.992	91	11200373m	18.211	ppbv	
60) o-Xylene	13.687	91	5313148	9.256	ppbv	99
61) Styrene	13.523	104	3120985	10.466	ppbv	98
62) Isopropylbenzene	14.661	105	7446203	9.191	ppbv	100
63) 1,1,2,2-Tetrachloroethane	13.671	83	3882369	9.100	ppbv	98
64) n-propylbenzene	15.558	120	2030816	9.850	ppbv	91
65) tert-Butylbenzene	16.741	119	6513430	8.828	ppbv	100
66) Benzyl Chloride	16.986	91	463004	13.872	ppbv	96
67) sec-Butylbenzene	17.291	105	9088287	8.815	ppbv	99
69) p-Isopropyltoluene	17.645	119	7713461	9.181	ppbv	100
70) n-Butylbenzene	18.545	91	7560504	9.417	ppbv	99
71) 2-Chlorotoluene	15.446	91	5599976	9.426	ppbv	99
72) 4-Ethyltoluene	15.835	105	6423894	9.408	ppbv	99
73) 1,3,5-Trimethylbenzene	15.989	105	5856404	9.215	ppbv	97
74) 1,2,4-Trimethylbenzene	16.757	105	6036575	8.938	ppbv	94
75) 1,3-Dichlorobenzene	16.989	146	3759772	9.249	ppbv	98
76) 1,4-Dichlorobenzene	17.130	146	3688514	9.007	ppbv	98
77) 1,2-Dichlorobenzene	17.812	146	3666284	9.159	ppbv	99
78) Hexachloro-1,3-Butadiene	23.368	225	2800190	8.413	ppbv	98
79) Naphthalene	22.185	128	4782749	10.582	ppbv	100
80) Naphthalene,2-methyl-	24.963	142	1392245	11.057	ppbv	94
81) 1,2,4-Trichlorobenzene	21.915	180	2866502	10.107	ppbv	97

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



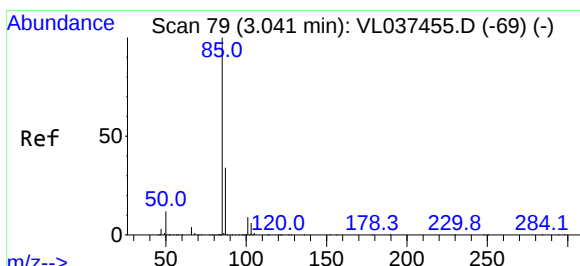
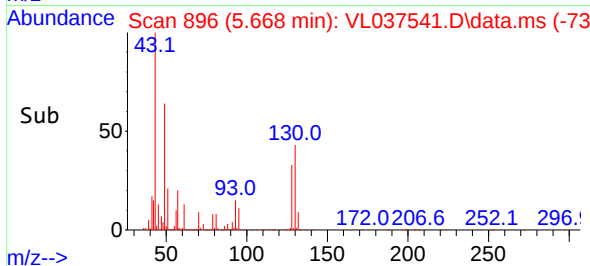
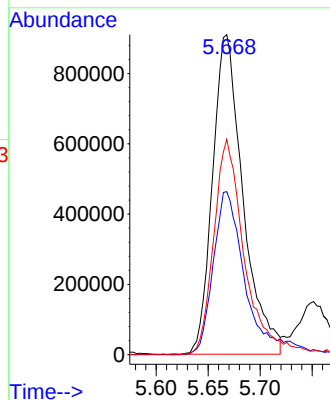
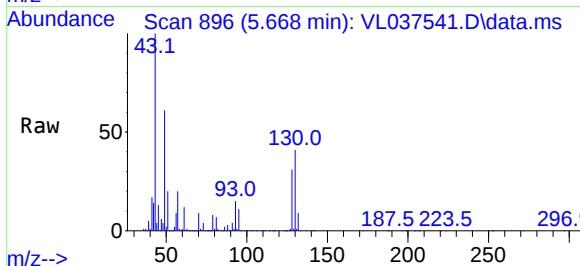
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.668 min Scan# 896
Delta R.T. 0.019 min
Lab File: VL037541.D
Acq: 7 Sep 2021 8:26

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 49 Resp: 1847872
Ion Ratio Lower Upper
49 100
128 55.7 27.5 82.4
130 69.6 34.0 101.8

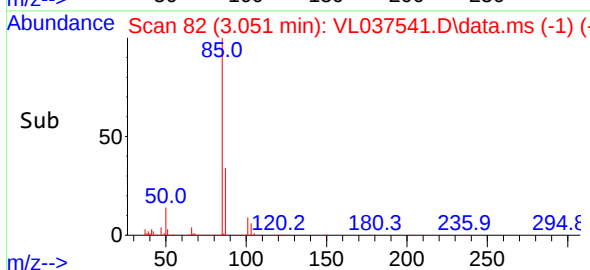
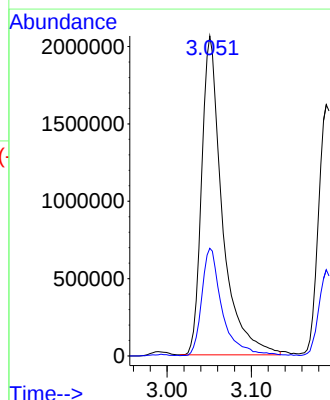
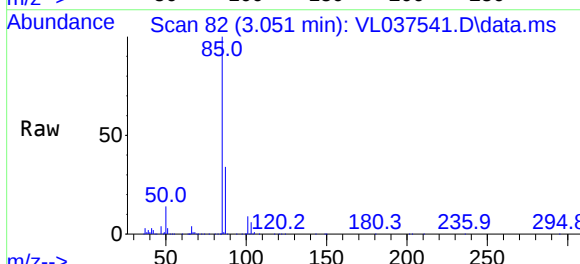
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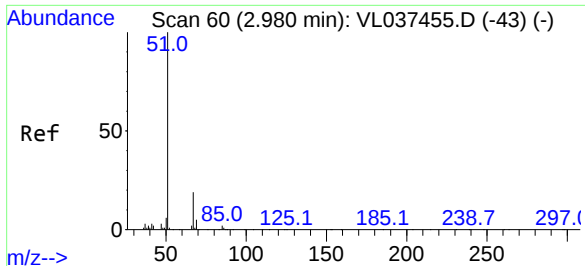
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#2
Dichlorodifluoromethane
Concen: 11.876 ppbv
RT: 3.051 min Scan# 82
Delta R.T. 0.010 min
Lab File: VL037541.D
Acq: 7 Sep 2021 8:26

Tgt Ion: 85 Resp: 3521073
Ion Ratio Lower Upper
85 100
87 33.7 27.6 41.4





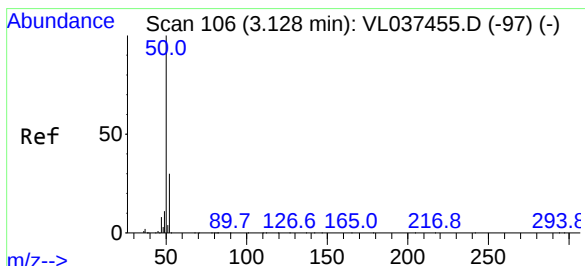
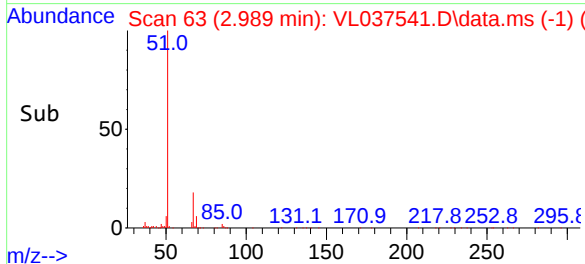
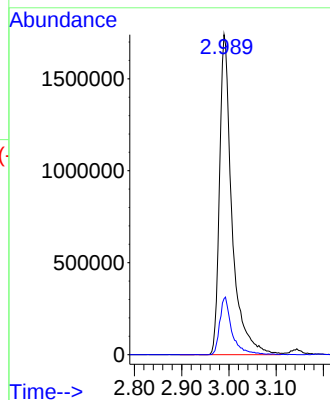
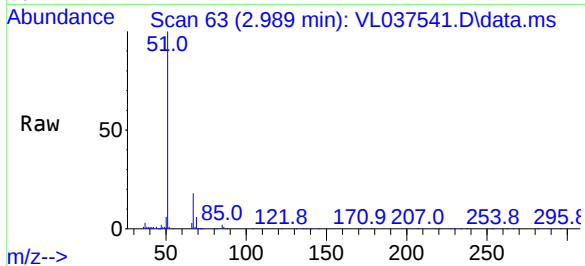
#3
Chlorodifluoromethane
Concen: 9.012 ppbv
RT: 2.989 min Scan# 63
Delta R.T. 0.010 min
Lab File: VL037541.D
Acq: 7 Sep 2021 8:26

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 51 Resp: 3188693
Ion Ratio Lower Upper
51 100
67 17.7 14.2 21.2

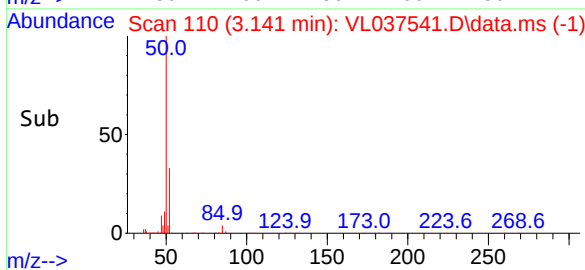
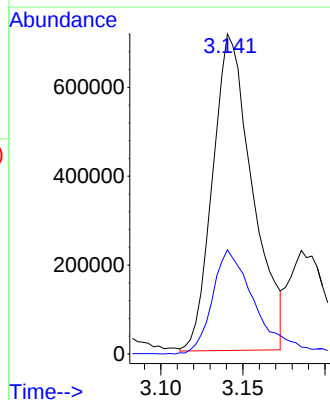
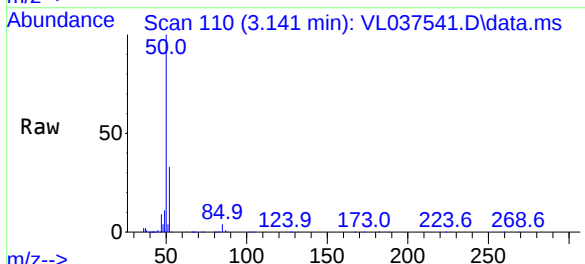
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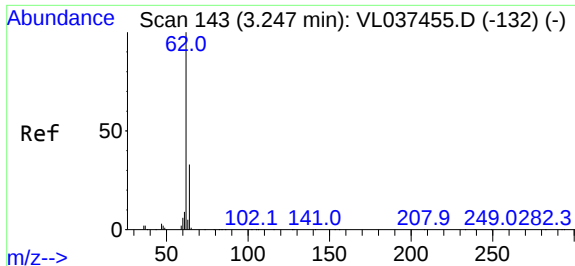
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#4
Chloromethane
Concen: 9.485 ppbv
RT: 3.141 min Scan# 110
Delta R.T. 0.013 min
Lab File: VL037541.D
Acq: 7 Sep 2021 8:26

Tgt Ion: 50 Resp: 1199313
Ion Ratio Lower Upper
50 100
52 32.7 24.0 36.0





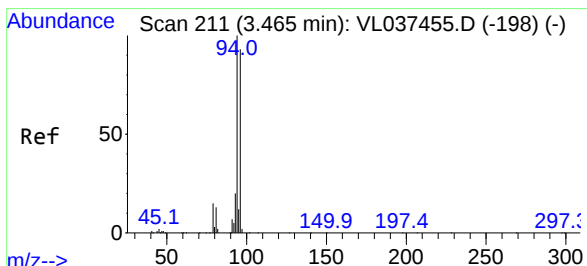
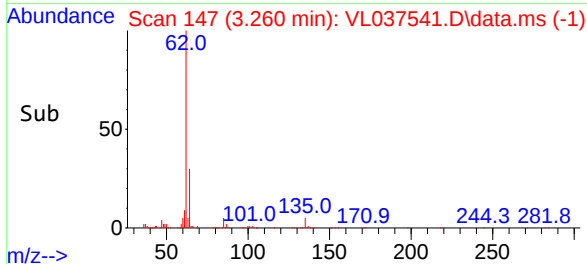
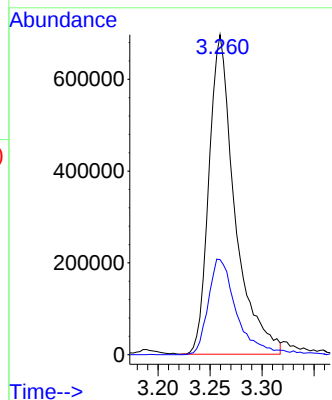
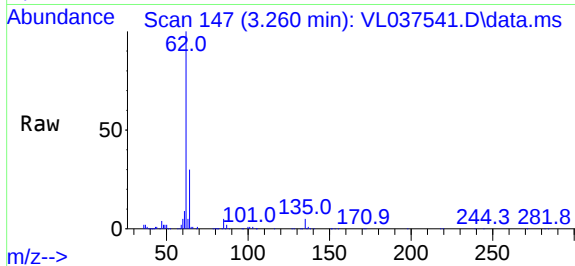
#5
 Vinyl Chloride
 Concen: 9.305 ppbv
 RT: 3.260 min Scan# 147
 Delta R.T. 0.013 min
 Lab File: VL037541.D
 Acq: 7 Sep 2021 8:26

Tgt Ion: 62 Resp: 1205400
 Ion Ratio Lower Upper
 62 100
 64 29.8 26.5 39.7

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

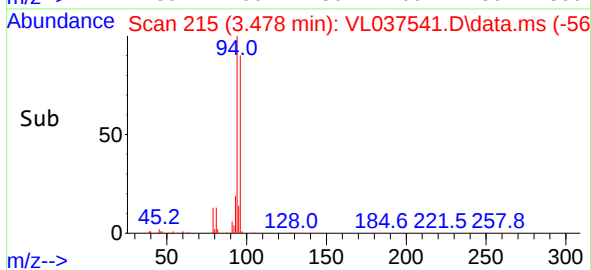
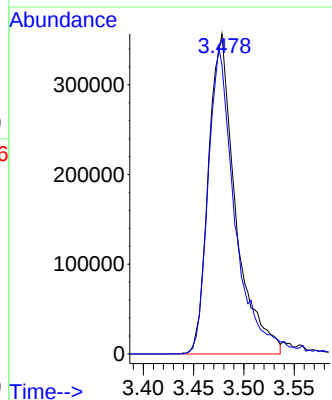
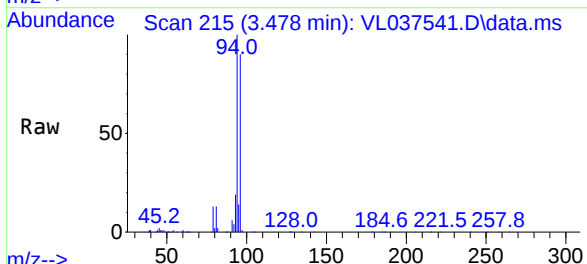
Manual Integrations
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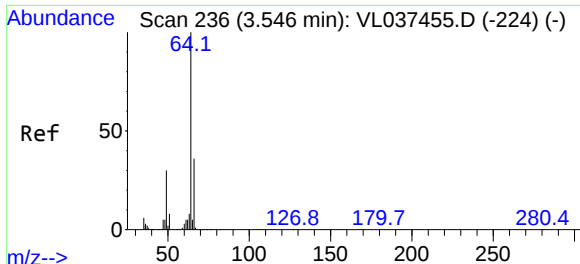
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#6
 Bromomethane
 Concen: 9.408 ppbv
 RT: 3.478 min Scan# 215
 Delta R.T. 0.013 min
 Lab File: VL037541.D
 Acq: 7 Sep 2021 8:26

Tgt Ion: 94 Resp: 667625
 Ion Ratio Lower Upper
 94 100
 96 90.2 74.5 111.7





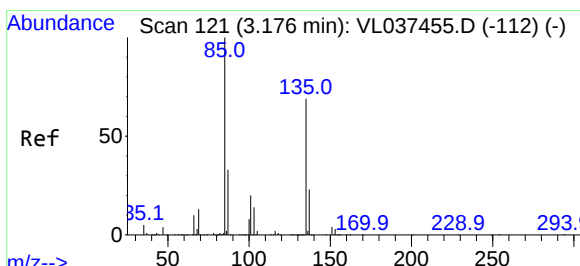
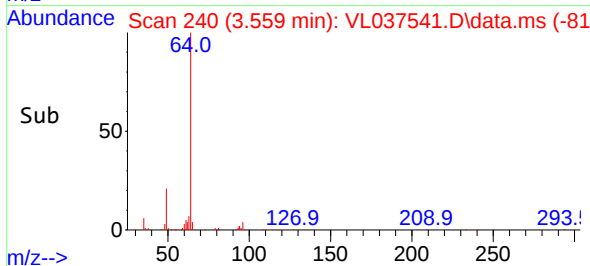
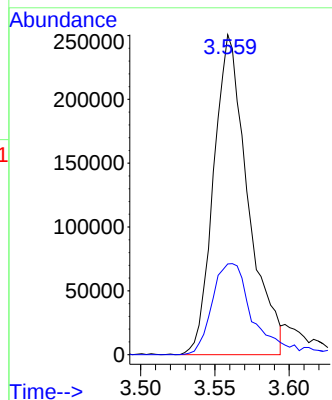
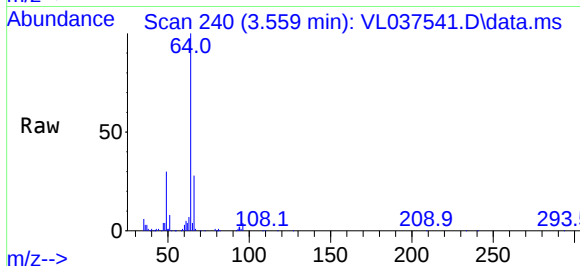
#7
Chloroethane
Concen: 9.088 ppbv
RT: 3.559 min Scan# 240
Delta R.T. 0.013 min
Lab File: VL037541.D
Acq: 7 Sep 2021 8:26

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 64 Resp: 401839
Ion Ratio Lower Upper
64 100
66 28.3 28.6 43.0#

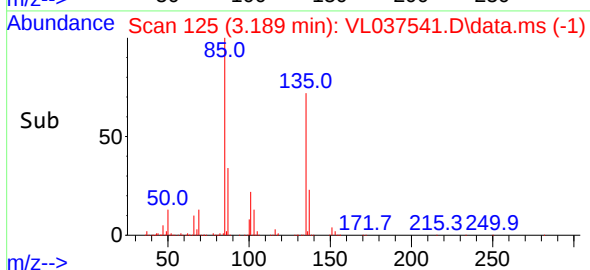
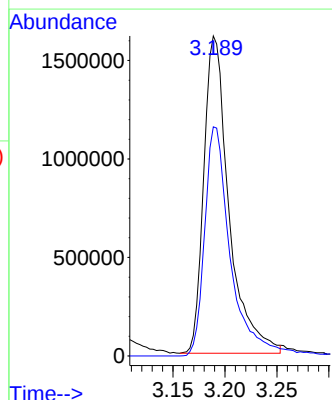
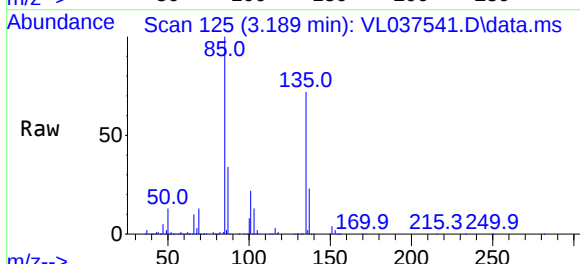
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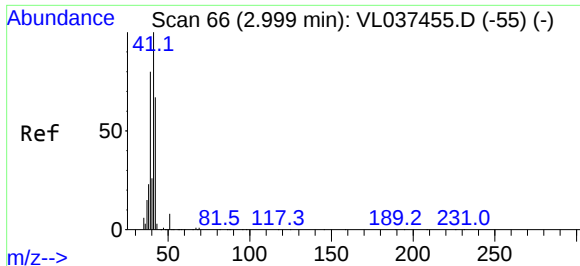
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#8
Dichlorotetrafluoroethane
Concen: 8.876 ppbv
RT: 3.189 min Scan# 125
Delta R.T. 0.013 min
Lab File: VL037541.D
Acq: 7 Sep 2021 8:26

Tgt Ion: 85 Resp: 2716771
Ion Ratio Lower Upper
85 100
135 75.3 58.8 88.2





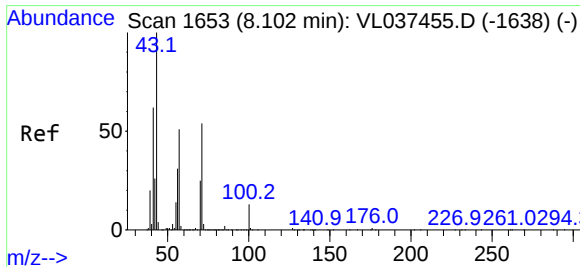
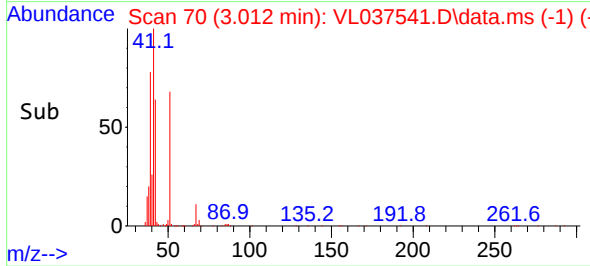
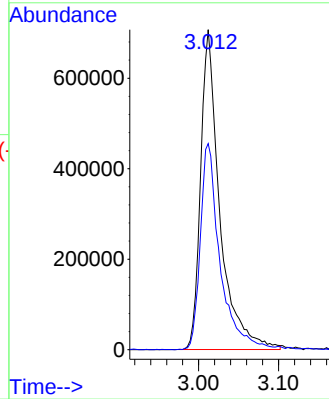
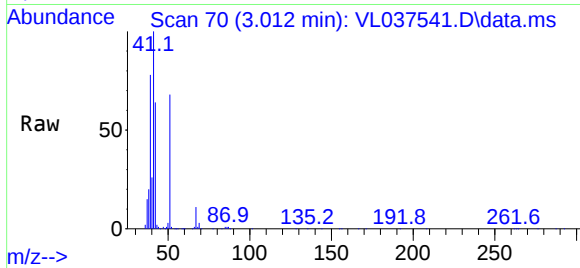
#9
Propene
Concen: 9.317 ppbv
RT: 3.012 min Scan# 70
Delta R.T. 0.013 min
Lab File: VL037541.D
Acq: 7 Sep 2021 8:26

Tgt Ion: 41 Resp: 1179601
Ion Ratio Lower Upper
41 100
42 67.0 53.7 80.5

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

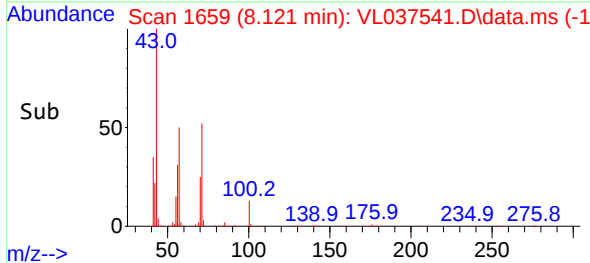
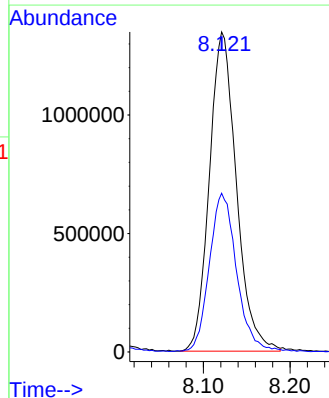
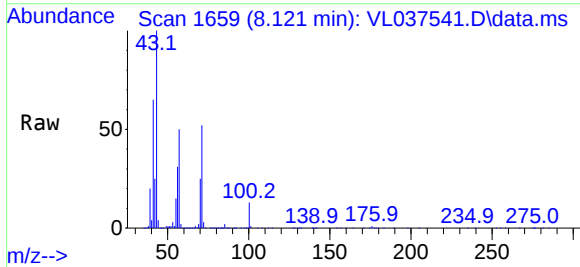
Manual Integrations
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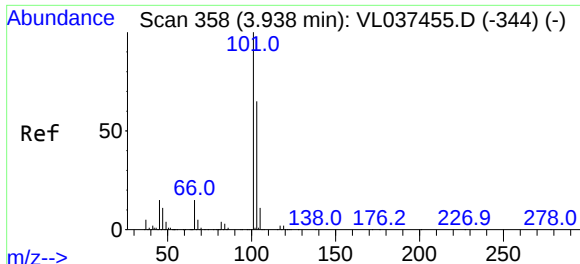
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9/10/2021 10:48:27 AM



#10
Heptane
Concen: 10.011 ppbv
RT: 8.121 min Scan# 1659
Delta R.T. 0.019 min
Lab File: VL037541.D
Acq: 7 Sep 2021 8:26

Tgt Ion: 43 Resp: 2917414
Ion Ratio Lower Upper
43 100
57 50.4 41.0 61.6





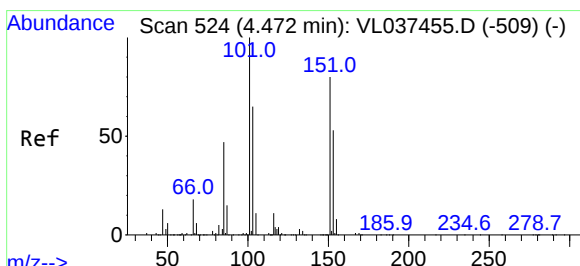
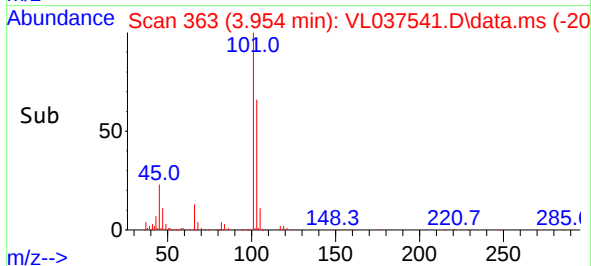
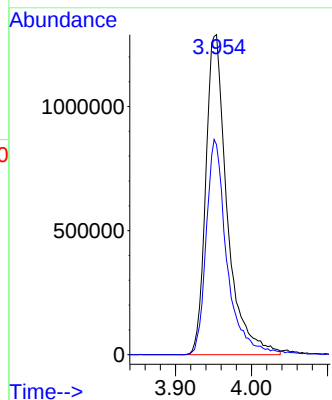
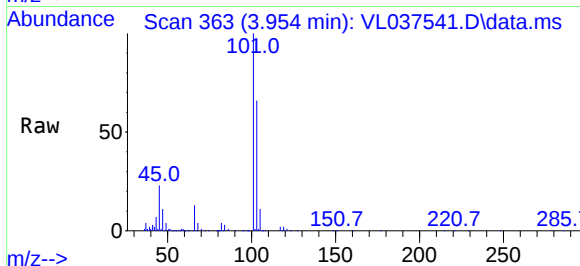
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Trichlorofluoromethane
Concen: 9.056 ppbv
RT: 3.954 min Scan# 363
Delta R.T. 0.016 min
Lab File: VL037541.D
Acq: 7 Sep 2021 8:26

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion:101 Resp: 2520315
Ion Ratio Lower Upper
101 100
103 65.6 51.8 77.6

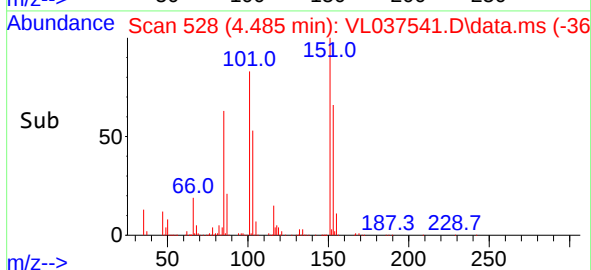
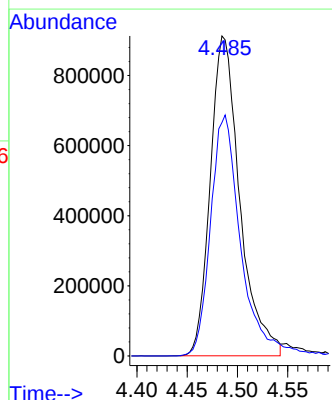
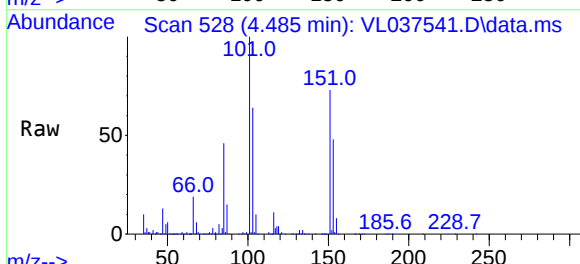
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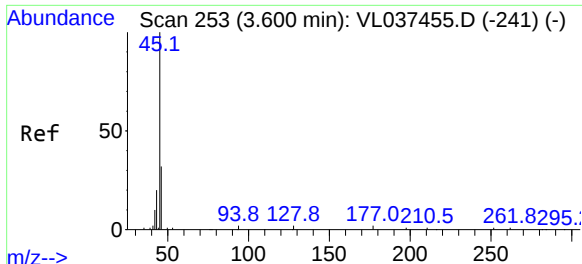
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#12
1,1,2-Trichlorotrifluoroethane
Concen: 9.135 ppbv
RT: 4.485 min Scan# 528
Delta R.T. 0.013 min
Lab File: VL037541.D
Acq: 7 Sep 2021 8:26

Tgt Ion:101 Resp: 1865608
Ion Ratio Lower Upper
101 100
151 78.1 63.7 95.5





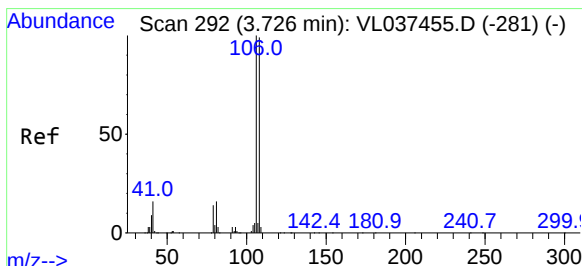
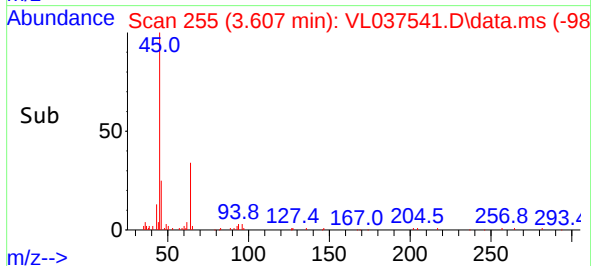
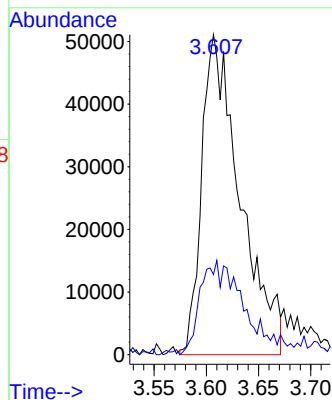
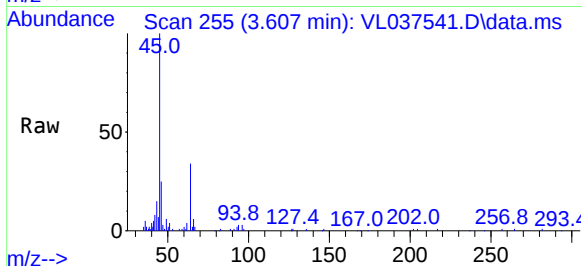
#13
Ethanol
Concen: 10.584 ppbv m
RT: 3.607 min Scan# 255
Delta R.T. 0.006 min
Lab File: VL037541.D
Acq: 7 Sep 2021 8:26

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 45 Resp: 130387
Ion Ratio Lower Upper
45 100
46 37.3 14.1 56.5

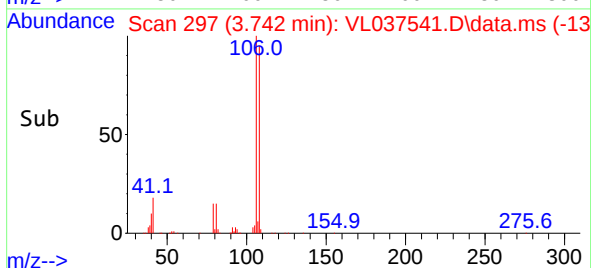
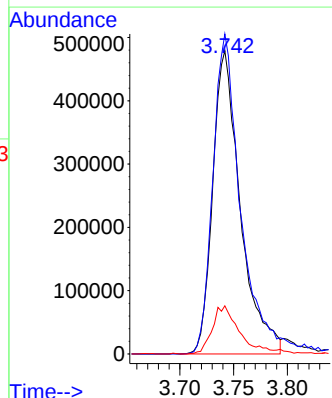
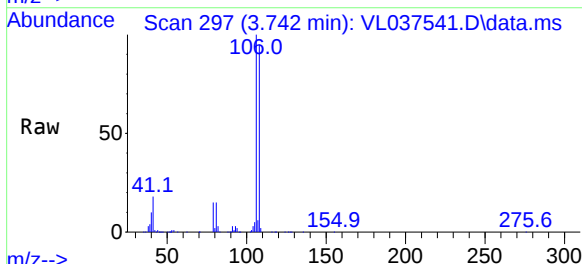
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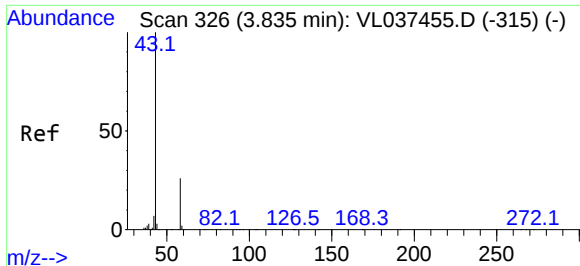
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#14
Bromoethene
Concen: 9.248 ppbv
RT: 3.742 min Scan# 297
Delta R.T. 0.016 min
Lab File: VL037541.D
Acq: 7 Sep 2021 8:26

Tgt Ion: 108 Resp: 857477
Ion Ratio Lower Upper
108 100
106 109.5 85.8 128.8
79 16.2 12.6 18.8





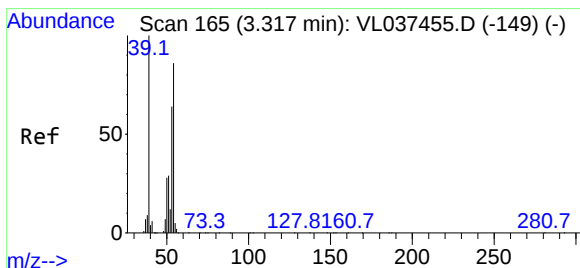
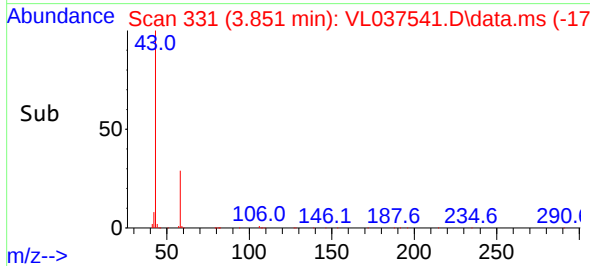
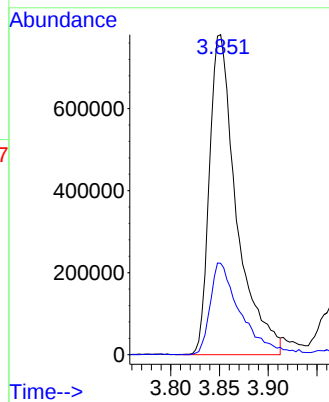
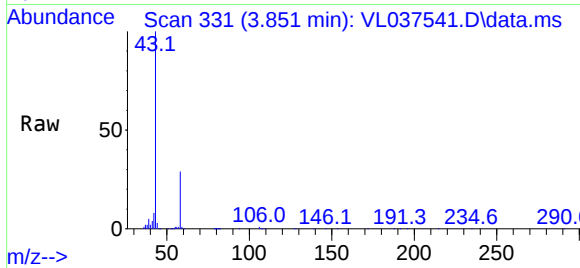
#15
Acetone
Concen: 8.034 ppbv
RT: 3.851 min Scan# 331
Delta R.T. 0.016 min
Lab File: VL037541.D
Acq: 7 Sep 2021 8:26

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 43 Resp: 1510941
Ion Ratio Lower Upper
43 100
58 32.1 24.8 37.2

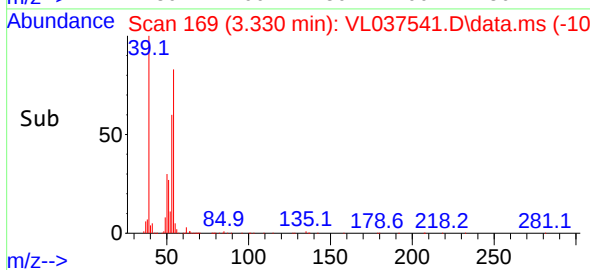
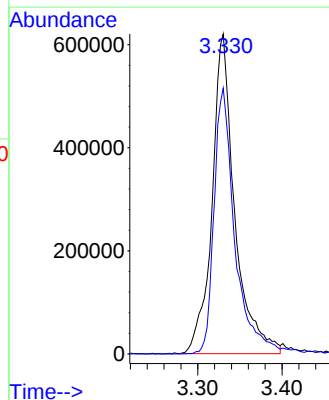
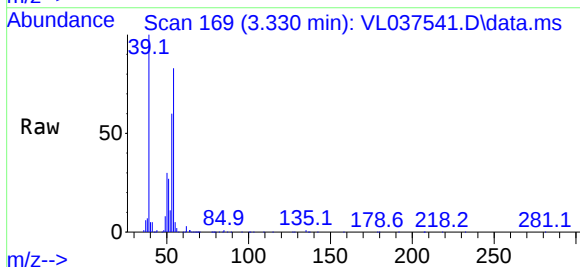
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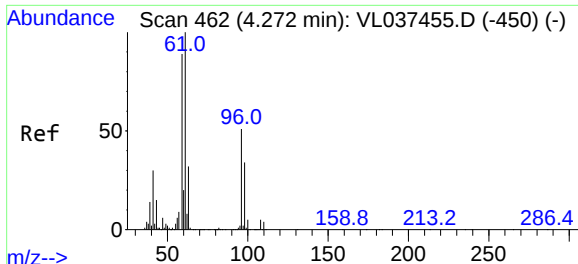
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#16
1,3-Butadiene
Concen: 9.597 ppbv
RT: 3.330 min Scan# 169
Delta R.T. 0.013 min
Lab File: VL037541.D
Acq: 7 Sep 2021 8:26

Tgt Ion: 39 Resp: 1157779
Ion Ratio Lower Upper
39 100
54 78.0 63.7 95.5





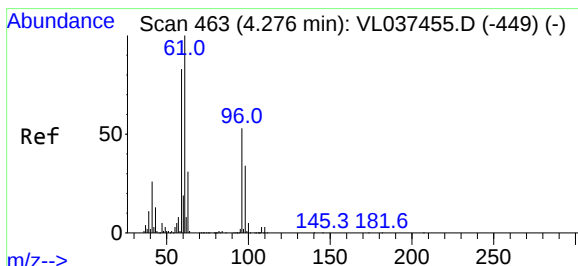
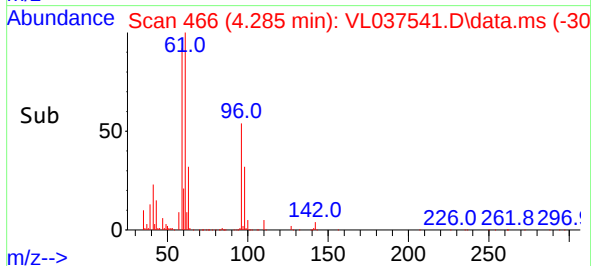
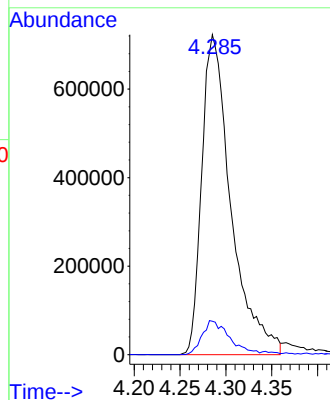
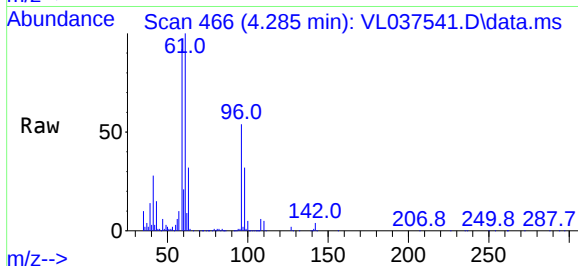
#17
tert-Butyl alcohol
Concen: 9.315 ppbv
RT: 4.285 min Scan# 466
Delta R.T. 0.013 min
Lab File: VL037541.D
Acq: 7 Sep 2021 8:26

Tgt Ion: 59 Resp: 1600327
Ion Ratio Lower Upper
59 100
57 11.0 8.3 12.5

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

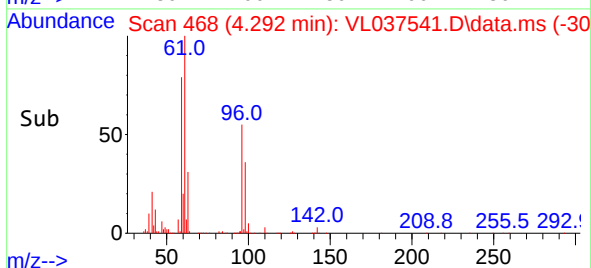
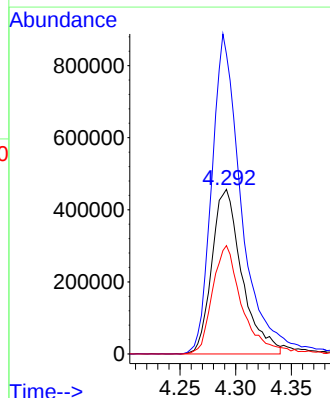
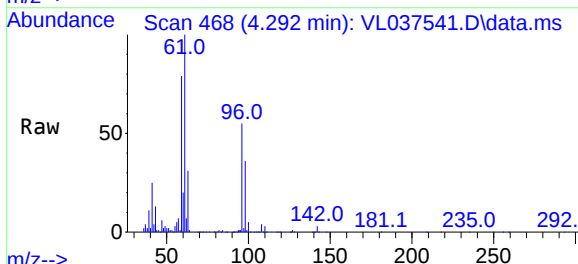
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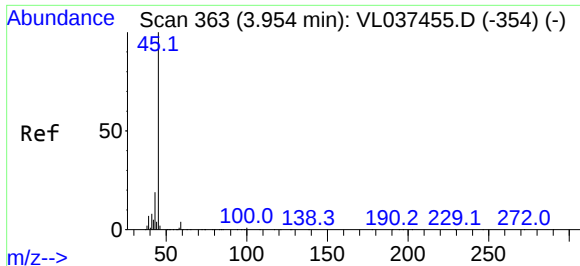
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#18
1,1-Dichloroethene
Concen: 9.258 ppbv
RT: 4.292 min Scan# 468
Delta R.T. 0.016 min
Lab File: VL037541.D
Acq: 7 Sep 2021 8:26

Tgt Ion: 96 Resp: 858881
Ion Ratio Lower Upper
96 100
61 182.1 151.1 226.7
98 65.8 51.8 77.8





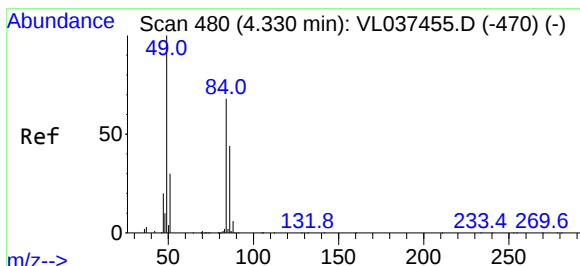
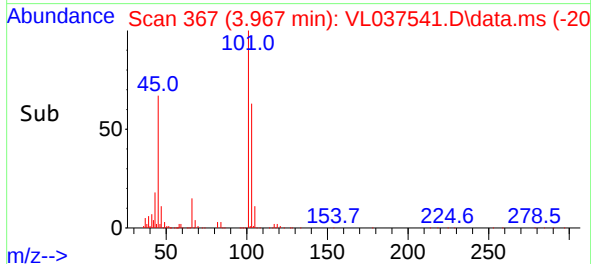
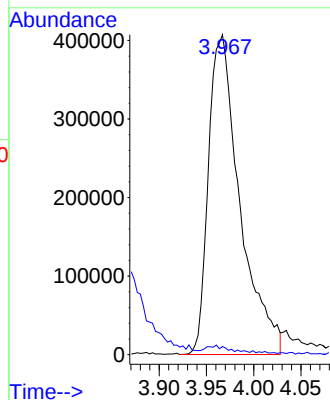
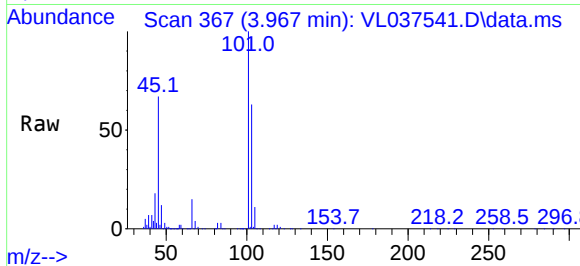
#19
Isopropyl Alcohol
Concen: 8.731 ppbv
RT: 3.967 min Scan# 367
Delta R.T. 0.013 min
Lab File: VL037541.D
Acq: 7 Sep 2021 8:26

Tgt Ion: 45 Resp: 940656
Ion Ratio Lower Upper
45 100
58 3.1 1.4 2.2#

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

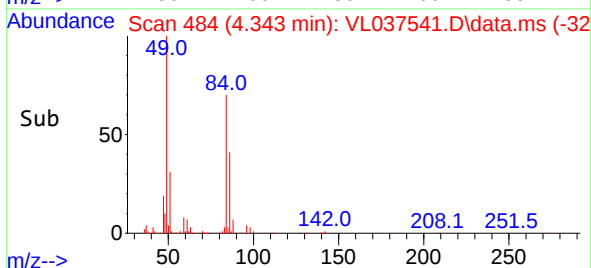
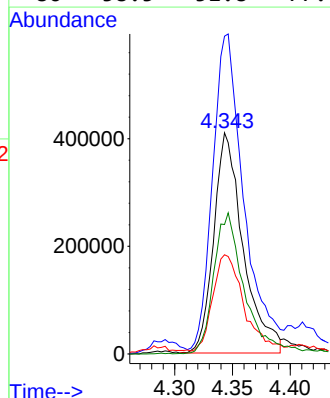
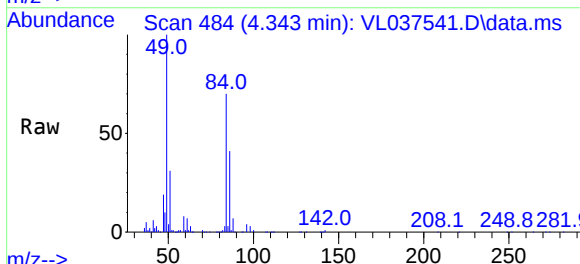
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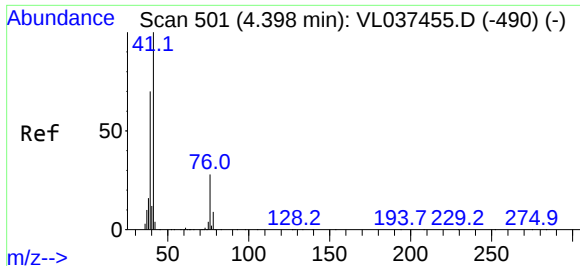
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#20
Methylene Chloride
Concen: 7.720 ppbv
RT: 4.343 min Scan# 484
Delta R.T. 0.013 min
Lab File: VL037541.D
Acq: 7 Sep 2021 8:26

Tgt Ion: 84 Resp: 726874
Ion Ratio Lower Upper
84 100
49 141.1 118.2 177.2
51 43.5 36.6 55.0
86 58.5 51.8 77.6





#21
 Allyl Chloride
 Concen: 9.068 ppbv
 RT: 4.414 min Scan# 506
 Delta R.T. 0.016 min
 Lab File: VL037541.D
 Acq: 7 Sep 2021 8:26

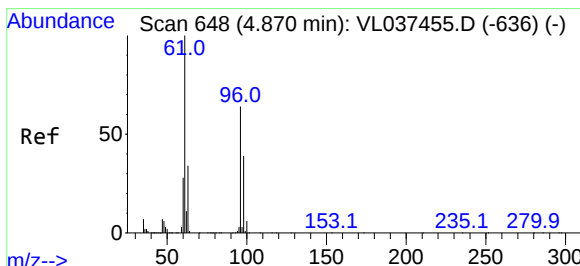
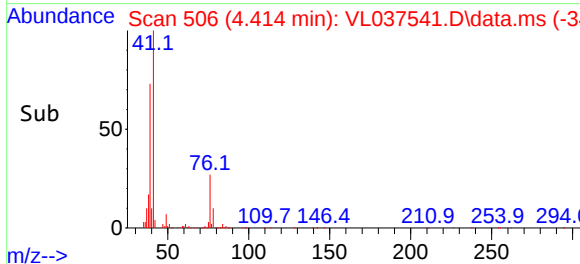
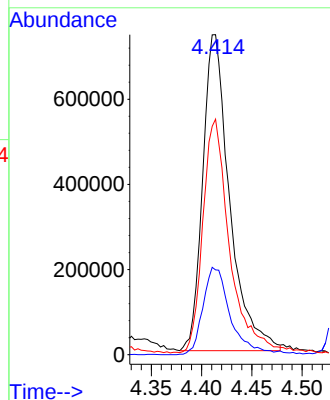
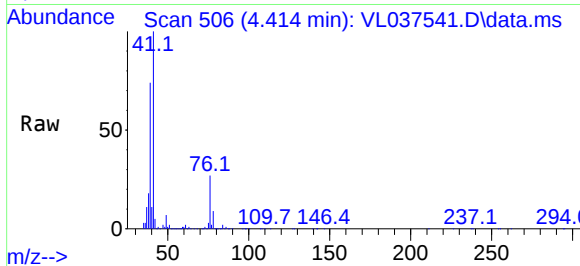
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

Tgt Ion: 41 Resp: 1385123

Ion	Ratio	Lower	Upper
41	100		
76	28.4	21.8	32.6
39	73.6	56.8	85.2

Manual Integrations
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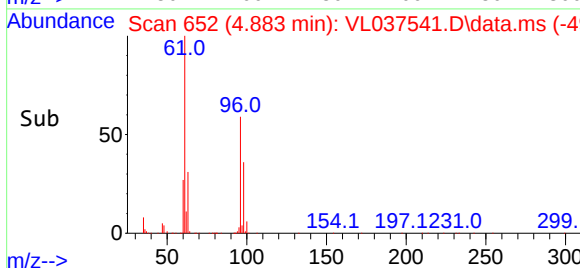
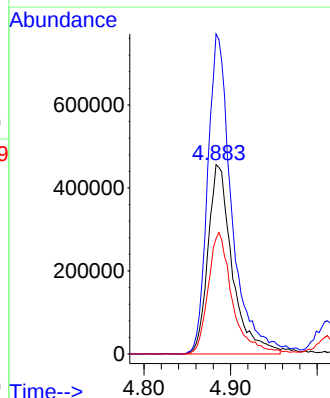
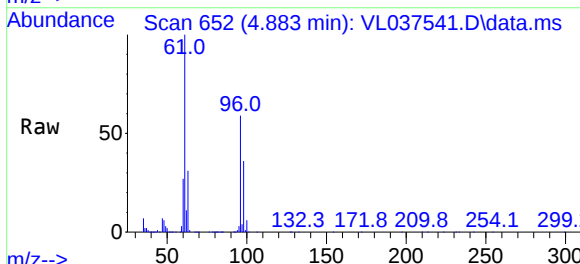
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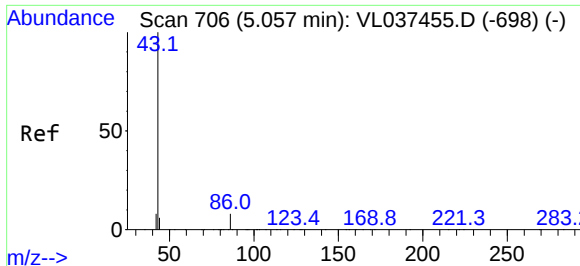


#22
 trans-1,2-Dichloroethene
 Concen: 9.590 ppbv
 RT: 4.883 min Scan# 652
 Delta R.T. 0.013 min
 Lab File: VL037541.D
 Acq: 7 Sep 2021 8:26

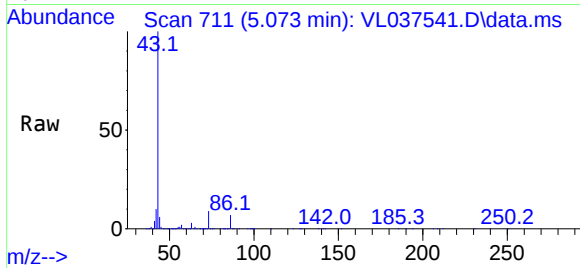
Tgt Ion: 96 Resp: 887591

Ion	Ratio	Lower	Upper
96	100		
61	169.0	125.5	188.3
98	60.9	49.0	73.4



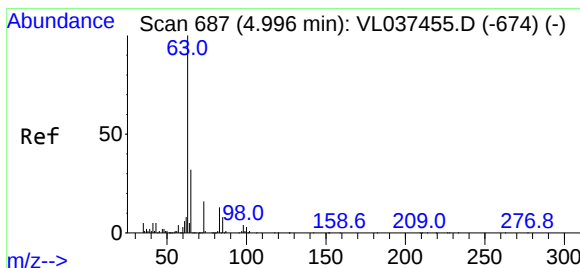
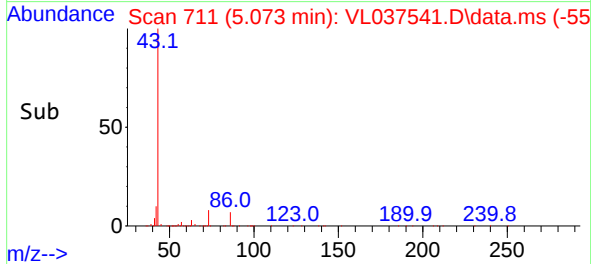
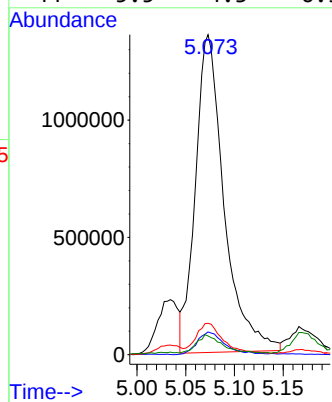


#23
 Vinyl Acetate
 Concen: 9.985 ppbv
 RT: 5.073 min Scan# 711
 Delta R.T. 0.016 min
 Lab File: VL037541.D
 Acq: 7 Sep 2021 8:26

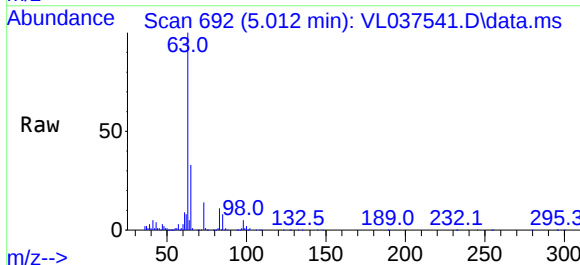


Tgt Ion: 43 Resp: 2767810

Ion	Ratio	Lower	Upper
43	100		
86	7.2	5.7	8.5
42	9.5	7.4	11.2
44	5.5	4.3	6.5

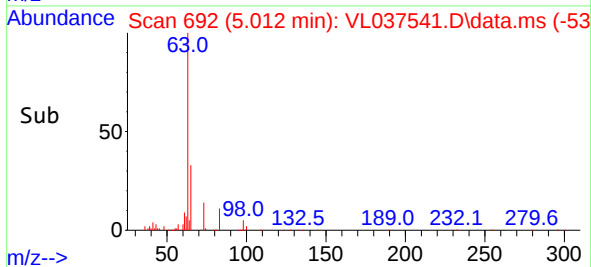
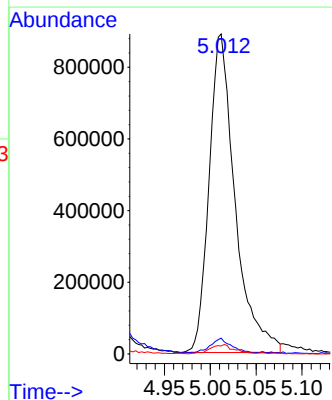


#24
 1,1-Dichloroethane
 Concen: 8.706 ppbv
 RT: 5.012 min Scan# 692
 Delta R.T. 0.016 min
 Lab File: VL037541.D
 Acq: 7 Sep 2021 8:26



Tgt Ion: 63 Resp: 1750383

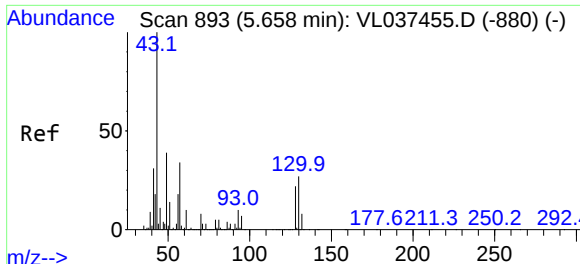
Ion	Ratio	Lower	Upper
63	100		
98	4.7	2.1	6.3
100	2.3	1.6	4.7



Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

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#25
Ethyl Acetate
Concen: 9.253 ppbv
RT: 5.674 min Scan# 898
Delta R.T. 0.016 min
Lab File: VL037541.D
Acq: 7 Sep 2021 8:26

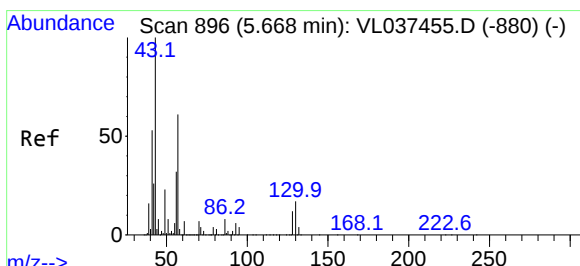
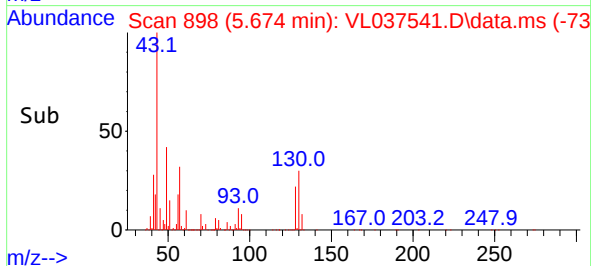
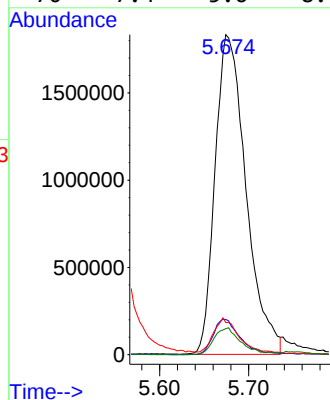
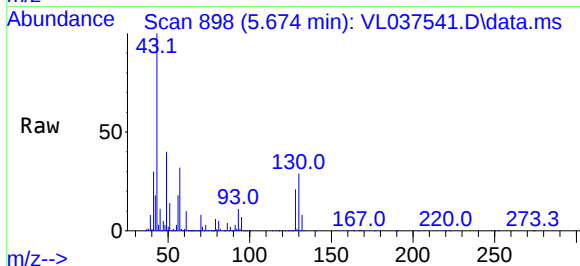
Tgt Ion: 43 Resp: 4417502

Ion	Ratio	Lower	Upper
43	100		
45	10.0	8.0	12.0
61	10.3	8.0	12.0
70	7.4	5.6	8.4

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

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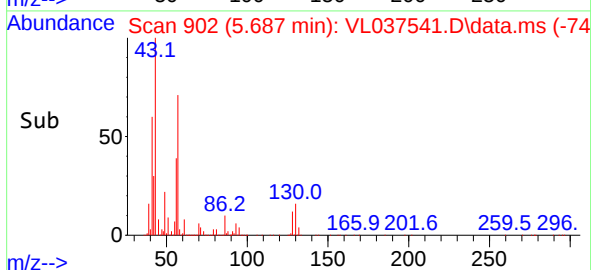
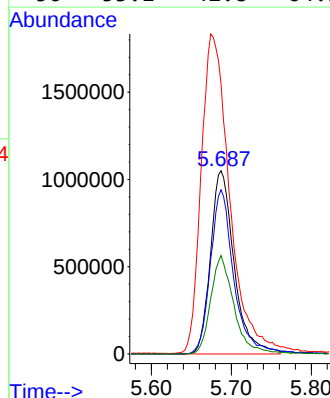
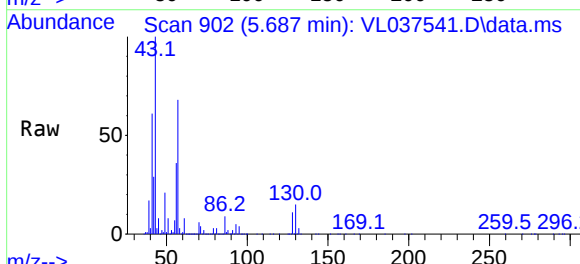
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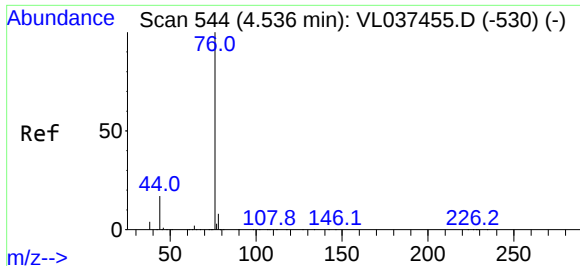


#26
Hexane
Concen: 9.232 ppbv
RT: 5.687 min Scan# 902
Delta R.T. 0.019 min
Lab File: VL037541.D
Acq: 7 Sep 2021 8:26

Tgt Ion: 57 Resp: 2155027

Ion	Ratio	Lower	Upper
57	100		
41	89.5	72.3	108.5
43	212.5	172.3	258.5
56	53.1	42.8	64.2





#27
Carbon Disulfide
Concen: 10.195 ppbv
RT: 4.549 min Scan# 548
Delta R.T. 0.013 min
Lab File: VL037541.D
Acq: 7 Sep 2021 8:26

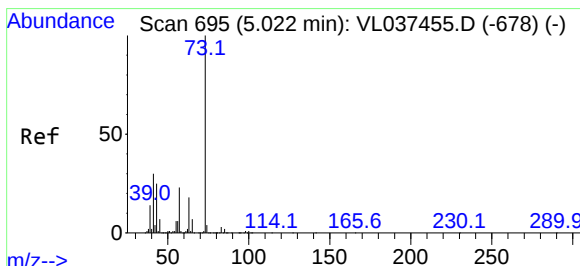
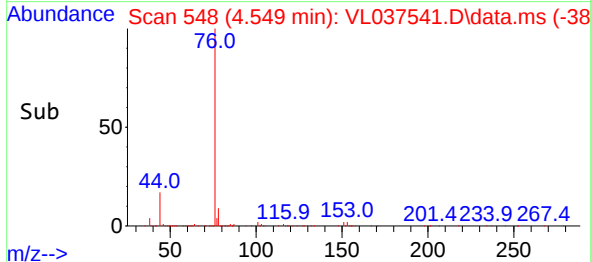
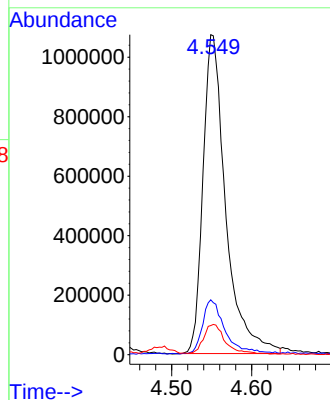
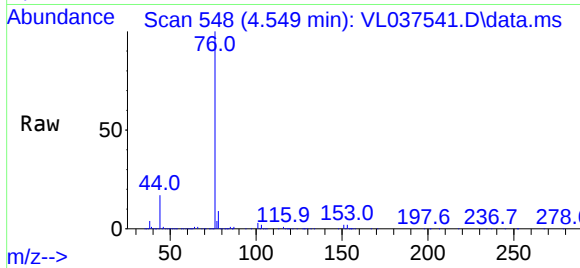
Tgt Ion: 76 Resp: 2120893

Ion	Ratio	Lower	Upper
76	100		
44	17.2	13.9	20.9
78	9.9	7.9	11.9

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

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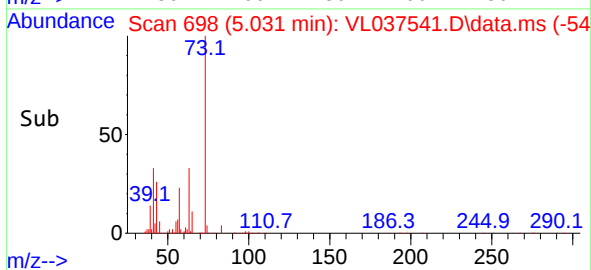
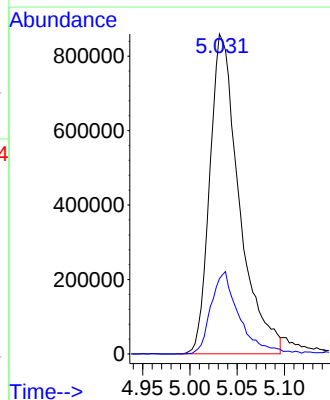
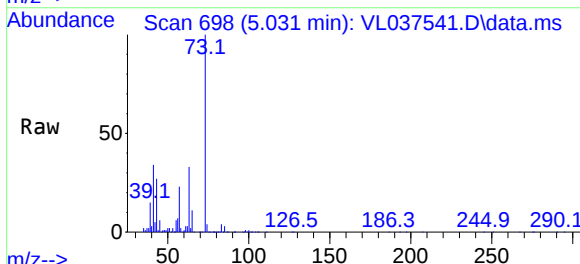
MMDadoda
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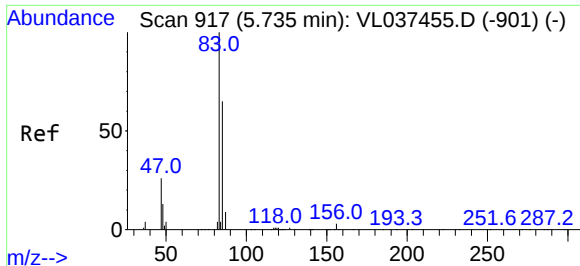


#28
Methyl tert-Butyl Ether
Concen: 8.277 ppbv
RT: 5.031 min Scan# 698
Delta R.T. 0.010 min
Lab File: VL037541.D
Acq: 7 Sep 2021 8:26

Tgt Ion: 73 Resp: 1855646

Ion	Ratio	Lower	Upper
73	100		
57	25.1	19.4	29.2





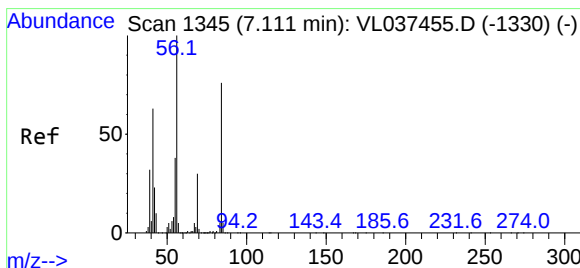
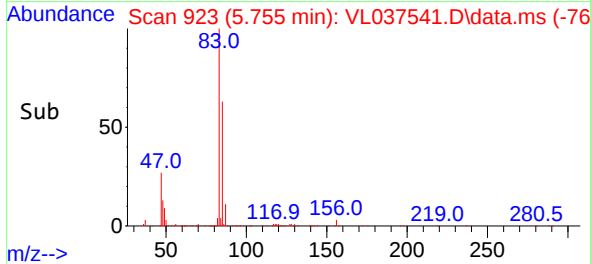
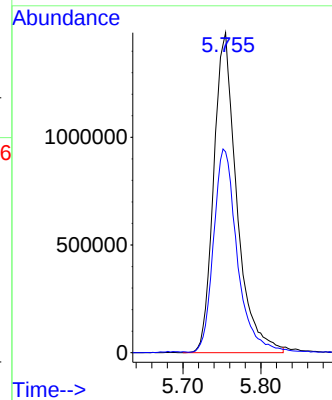
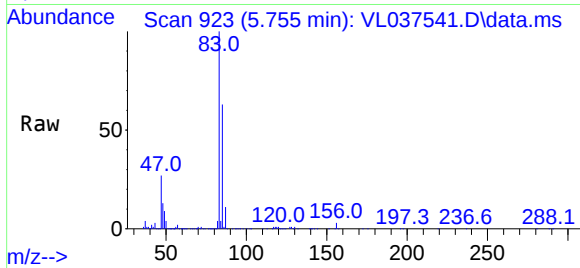
#29
Chloroform
Concen: 9.240 ppbv
RT: 5.755 min Scan# 923
Delta R.T. 0.019 min
Lab File: VL037541.D
Acq: 7 Sep 2021 8:26

Tgt Ion: 83 Resp: 3056732
Ion Ratio Lower Upper
83 100
85 62.5 52.3 78.5

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

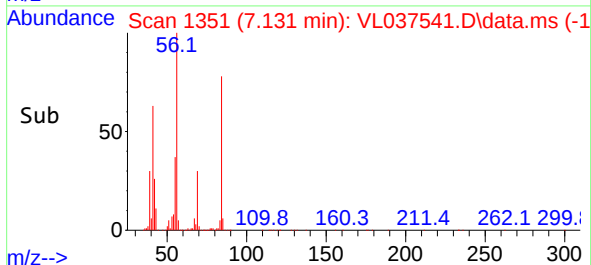
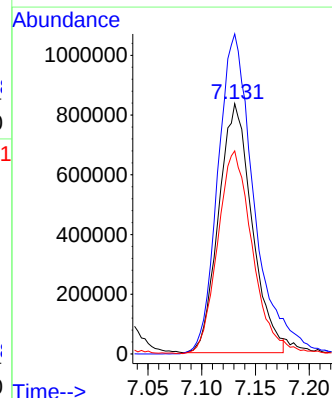
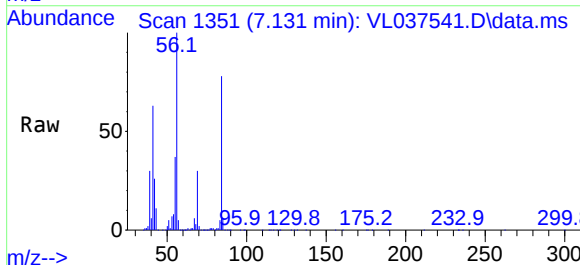
Manual Integrations
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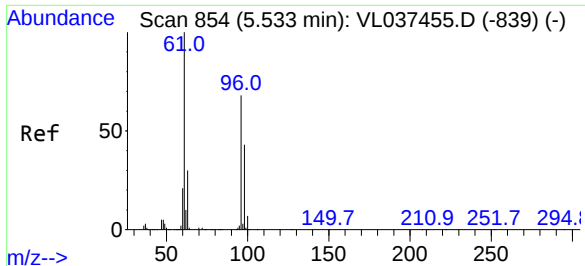
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#30
Cyclohexane
Concen: 9.258 ppbv
RT: 7.131 min Scan# 1351
Delta R.T. 0.019 min
Lab File: VL037541.D
Acq: 7 Sep 2021 8:26

Tgt Ion: 84 Resp: 1800674
Ion Ratio Lower Upper
84 100
56 141.3 110.6 165.8
41 84.9 67.0 100.6





#31
cis-1,2-Dichloroethene
Concen: 9.622 ppbv
RT: 5.546 min Scan# 858
Delta R.T. 0.013 min
Lab File: VL037541.D
Acq: 7 Sep 2021 8:26

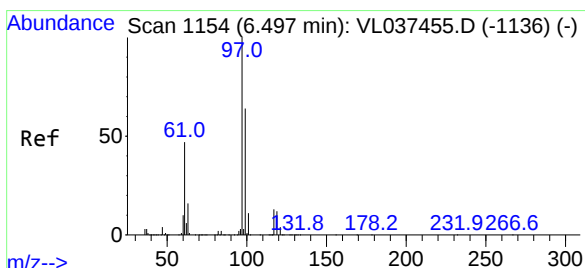
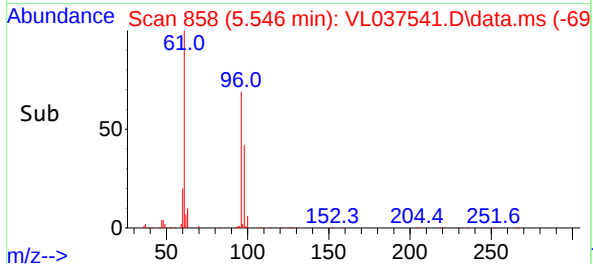
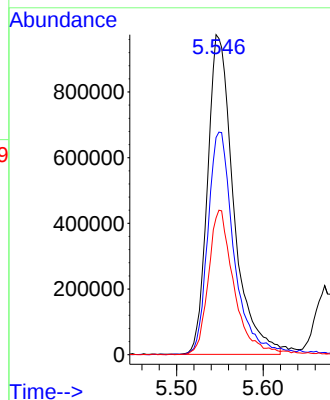
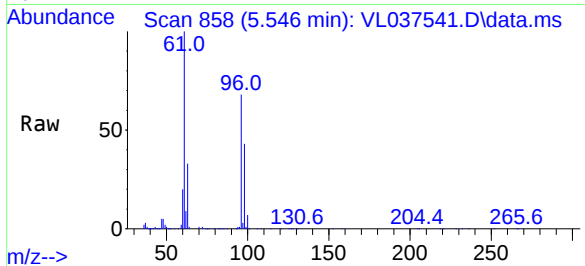
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 61 Resp: 2032747

Ion	Ratio	Lower	Upper
61	100		
96	67.8	54.8	82.2
98	42.7	34.2	51.2

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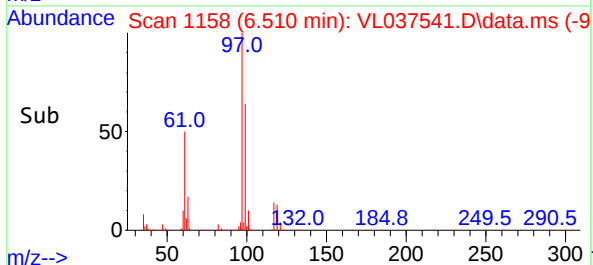
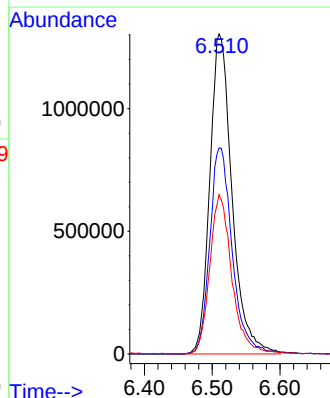
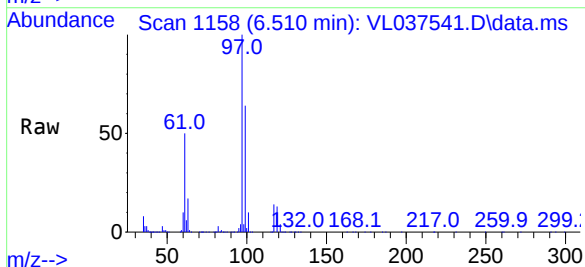
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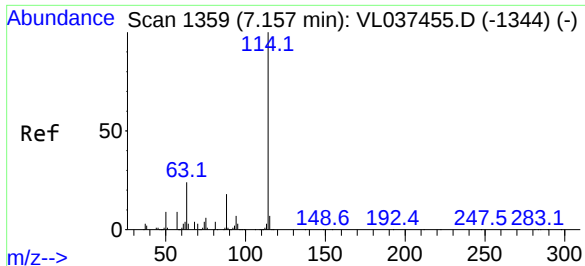


#32
1,1,1-Trichloroethane
Concen: 9.135 ppbv
RT: 6.510 min Scan# 1158
Delta R.T. 0.013 min
Lab File: VL037541.D
Acq: 7 Sep 2021 8:26

Tgt Ion: 97 Resp: 2969111

Ion	Ratio	Lower	Upper
97	100		
99	65.5	51.8	77.6
61	49.5	39.6	59.4





#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.176 min Scan# 1365
Delta R.T. 0.019 min
Lab File: VL037541.D
Acq: 7 Sep 2021 8:26

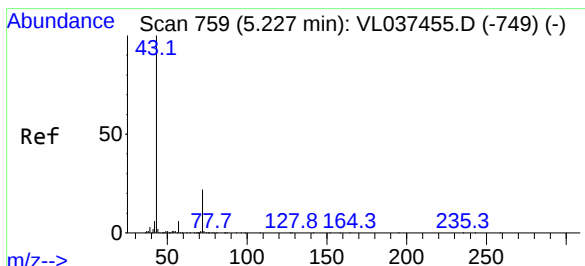
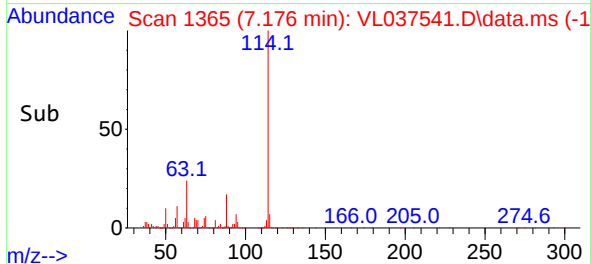
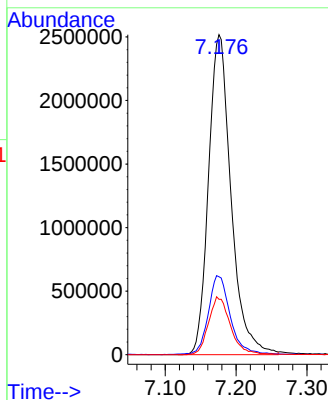
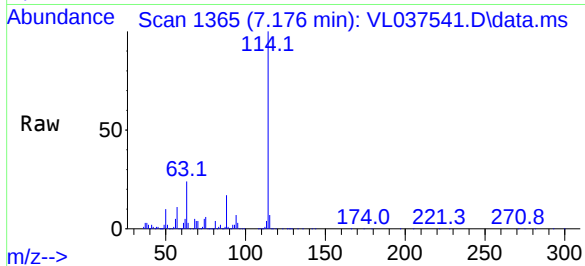
Tgt Ion: 114 Resp: 5547285

Ion	Ratio	Lower	Upper
114	100		
63	24.4	19.3	28.9
88	17.7	14.2	21.4

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Manual Integrations
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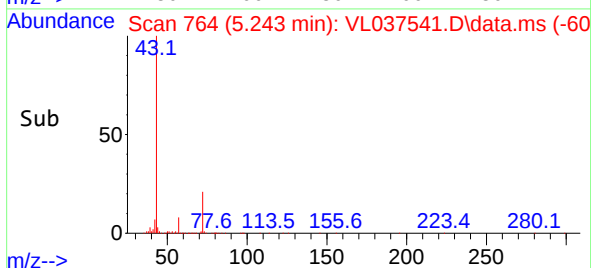
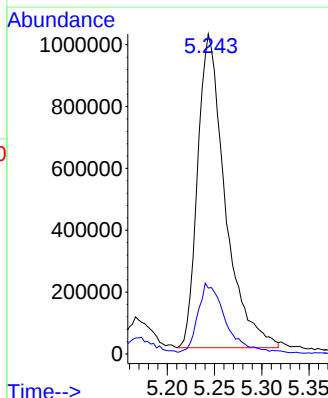
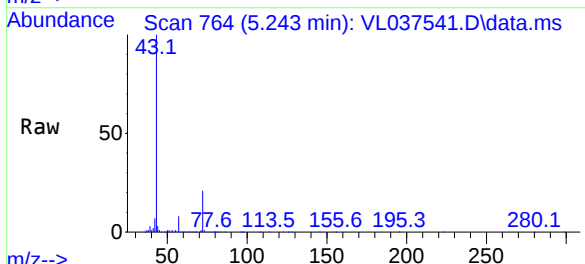
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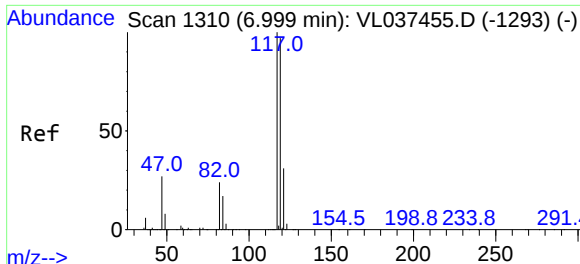


#34
2-Butanone
Concen: 9.051 ppbv
RT: 5.243 min Scan# 764
Delta R.T. 0.016 min
Lab File: VL037541.D
Acq: 7 Sep 2021 8:26

Tgt Ion: 43 Resp: 2050285

Ion	Ratio	Lower	Upper
43	100		
72	23.5	17.4	26.0





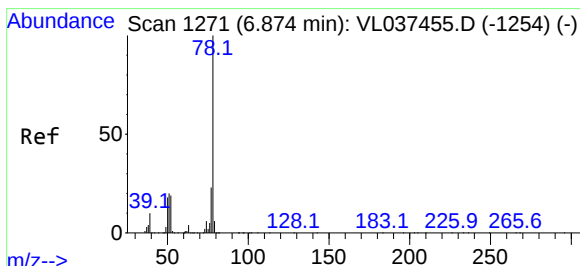
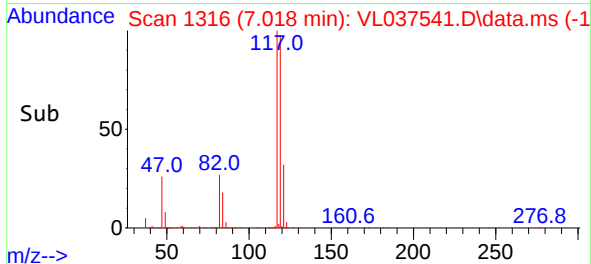
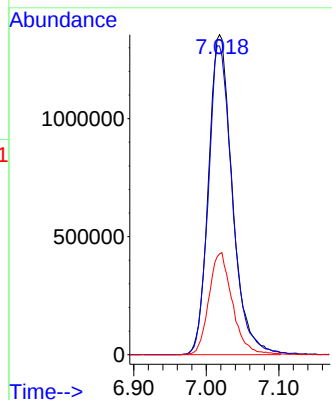
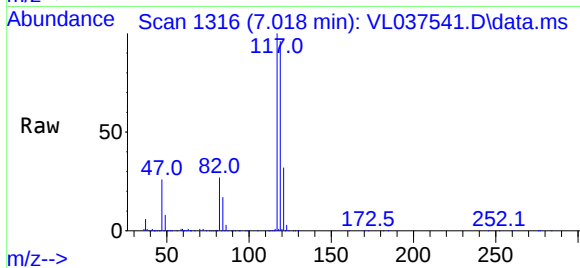
#35
Carbon Tetrachloride
Concen: 9.443 ppbv
RT: 7.018 min Scan# 1316
Delta R.T. 0.019 min
Lab File: VL037541.D
Acq: 7 Sep 2021 8:26

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 117 Resp: 3095678
Ion Ratio Lower Upper
117 100
119 96.4 77.3 115.9
121 31.5 25.2 37.8

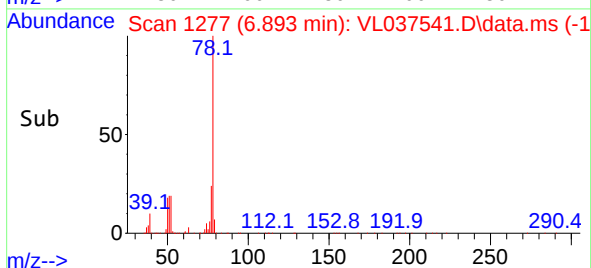
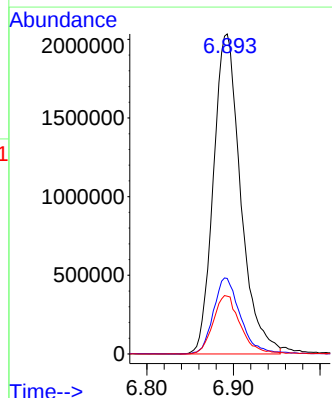
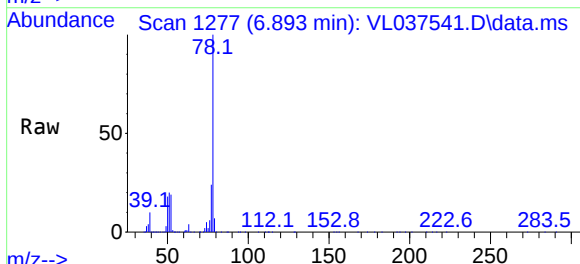
Manual Integrations
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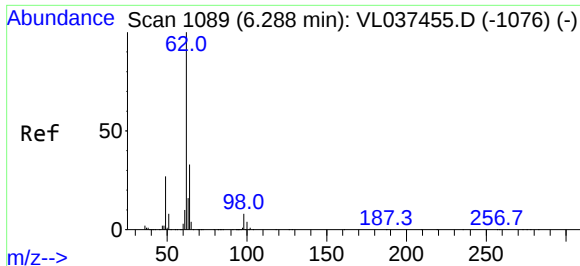
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#36
Benzene
Concen: 9.543 ppbv
RT: 6.893 min Scan# 1277
Delta R.T. 0.019 min
Lab File: VL037541.D
Acq: 7 Sep 2021 8:26

Tgt Ion: 78 Resp: 4450178
Ion Ratio Lower Upper
78 100
77 23.6 18.2 27.4
50 18.1 14.6 21.8





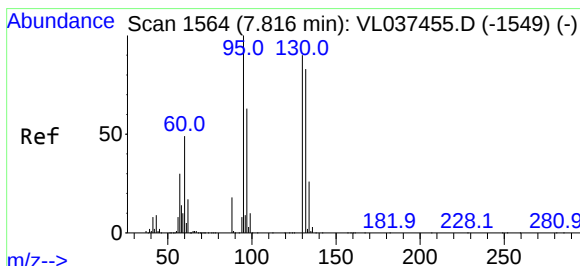
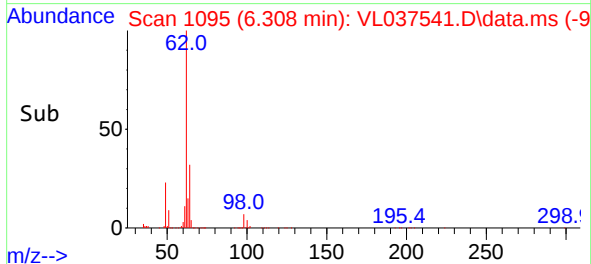
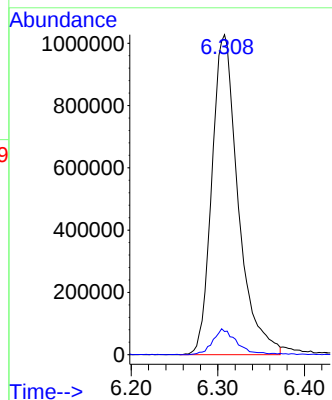
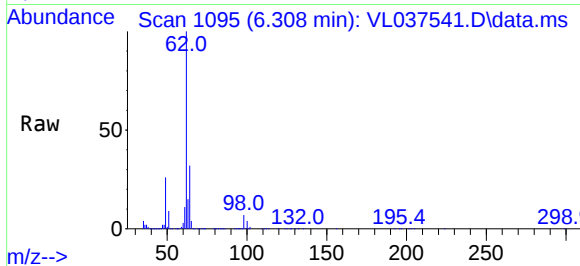
#37
1,2-Dichloroethane
Concen: 9.389 ppbv
RT: 6.308 min Scan# 1095
Delta R.T. 0.019 min
Lab File: VL037541.D
Acq: 7 Sep 2021 8:26

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 62 Resp: 2168738
Ion Ratio Lower Upper
62 100
98 7.6 6.0 9.0

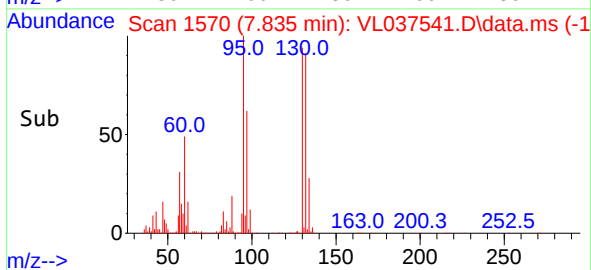
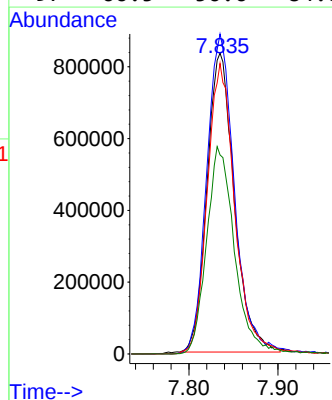
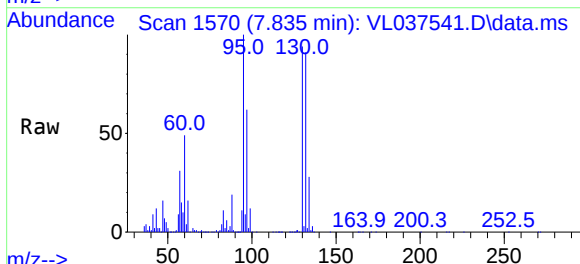
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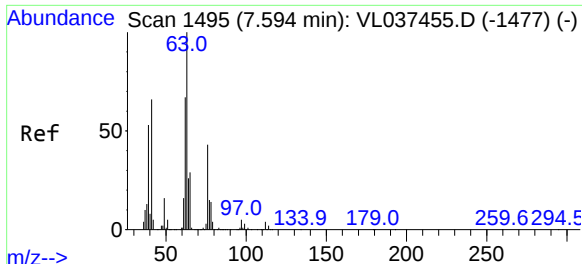
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#38
Trichloroethene
Concen: 9.273 ppbv
RT: 7.835 min Scan# 1570
Delta R.T. 0.019 min
Lab File: VL037541.D
Acq: 7 Sep 2021 8:26

Tgt Ion: 130 Resp: 1774218
Ion Ratio Lower Upper
130 100
95 106.6 89.2 133.8
132 96.8 74.0 111.0
97 66.5 56.6 84.8





#39
1,2-Dichloropropane
Concen: 9.566 ppbv
RT: 7.613 min Scan# 1501
Delta R.T. 0.019 min
Lab File: VL037541.D
Acq: 7 Sep 2021 8:26

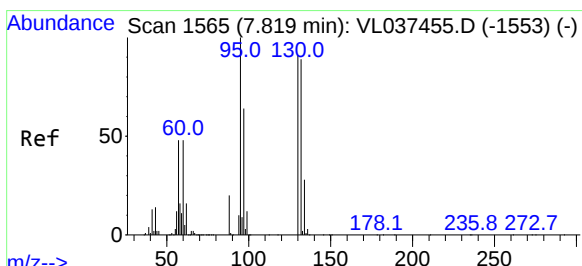
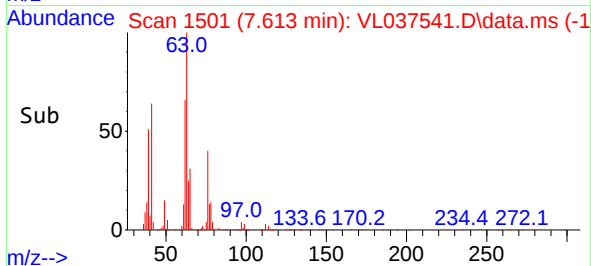
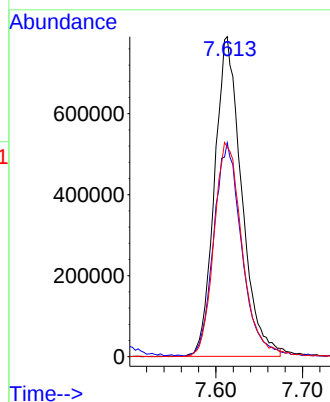
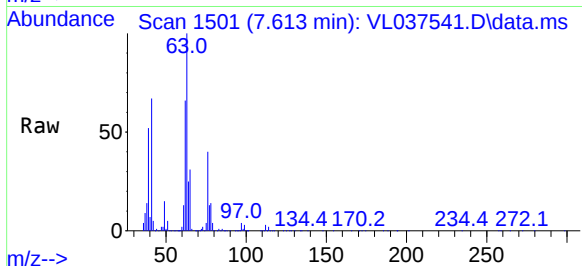
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 63 Resp: 1714053

Ion	Ratio	Lower	Upper
63	100		
41	66.5	52.4	78.6
62	65.6	53.6	80.4

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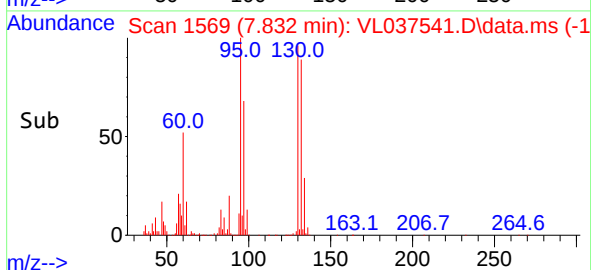
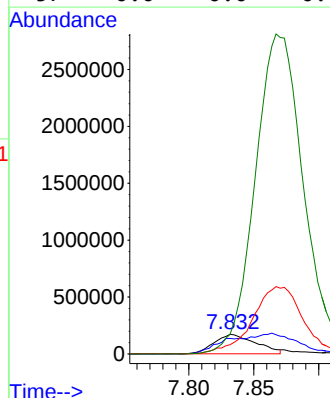
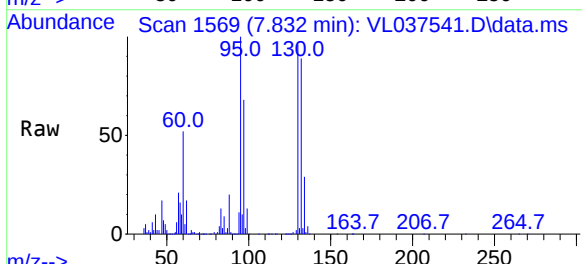
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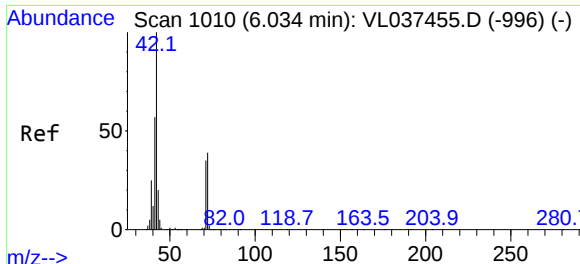


#40
1,4-Dioxane
Concen: 8.603 ppbv
RT: 7.832 min Scan# 1569
Delta R.T. 0.013 min
Lab File: VL037541.D
Acq: 7 Sep 2021 8:26

Tgt Ion: 88 Resp: 377659

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





#41
Tetrahydrofuran
Concen: 9.950 ppbv
RT: 6.050 min Scan# 1015
Delta R.T. 0.016 min
Lab File: VL037541.D
Acq: 7 Sep 2021 8:26

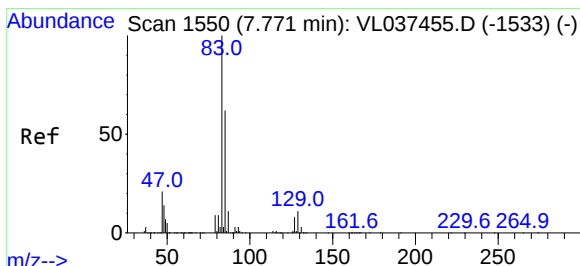
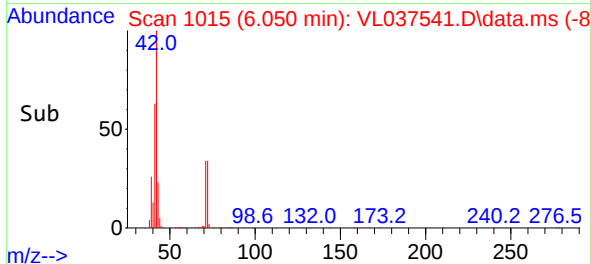
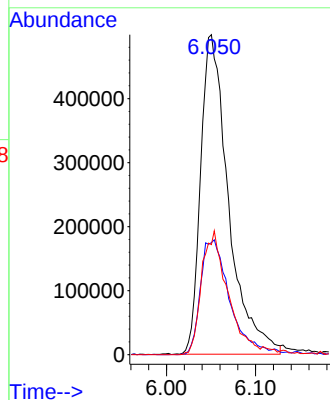
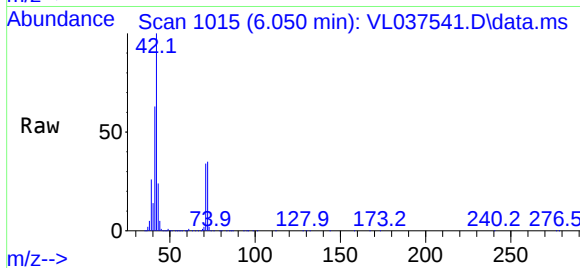
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 42 Resp: 1085811

Ion	Ratio	Lower	Upper
42	100		
72	38.9	32.2	48.4
71	38.5	30.5	45.7

Manual Integrations
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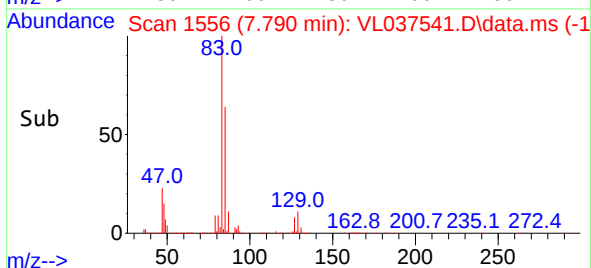
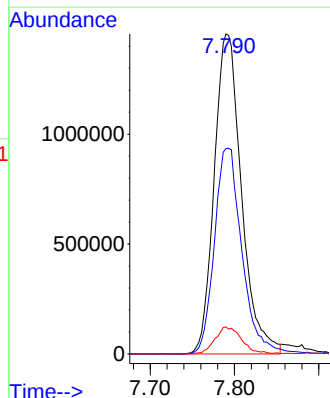
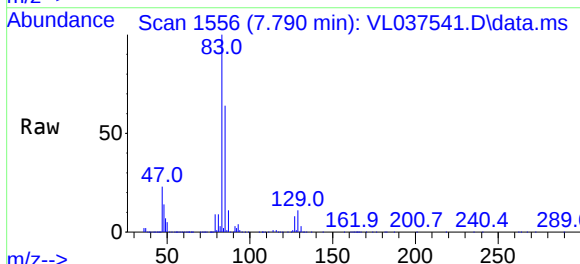
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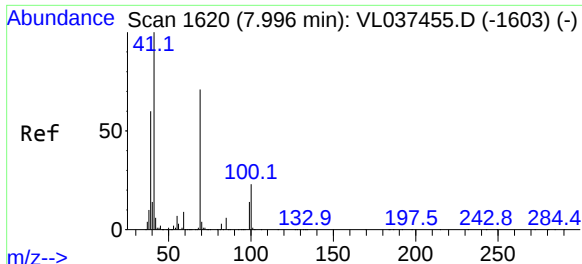


#42
Bromodichloromethane
Concen: 9.672 ppbv
RT: 7.790 min Scan# 1556
Delta R.T. 0.019 min
Lab File: VL037541.D
Acq: 7 Sep 2021 8:26

Tgt Ion: 83 Resp: 3266715

Ion	Ratio	Lower	Upper
83	100		
85	64.2	49.5	74.3
127	8.5	6.3	9.5





#43
Methyl Methacrylate
Concen: 10.061 ppbv
RT: 8.012 min Scan# 1625
Delta R.T. 0.016 min
Lab File: VL037541.D
Acq: 7 Sep 2021 8:26

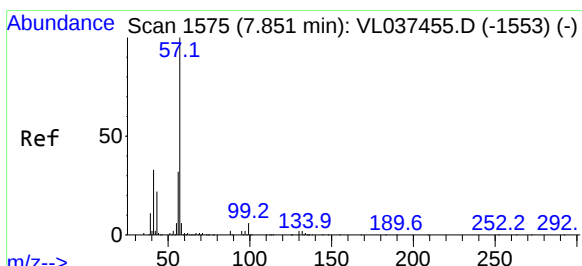
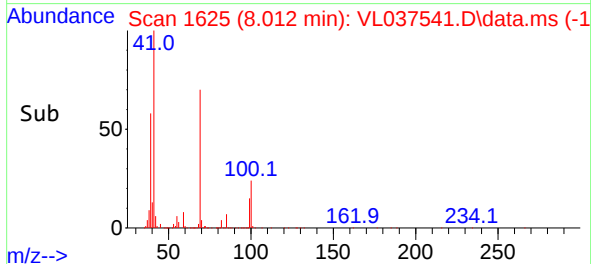
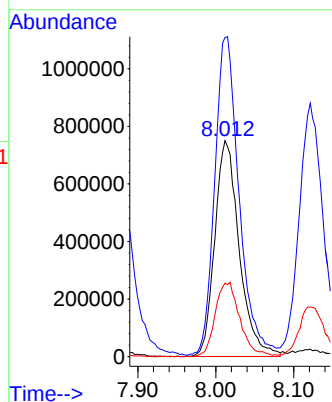
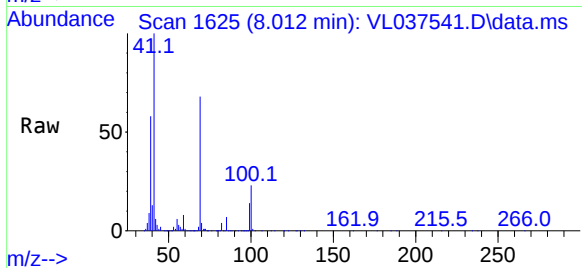
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 69 Resp: 1635302

Ion	Ratio	Lower	Upper
69	100		
41	147.8	118.6	178.0
100	35.1	27.4	41.0

Manual Integrations
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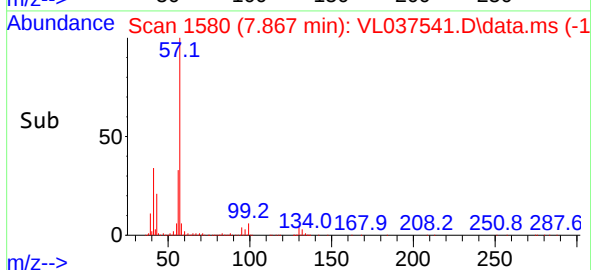
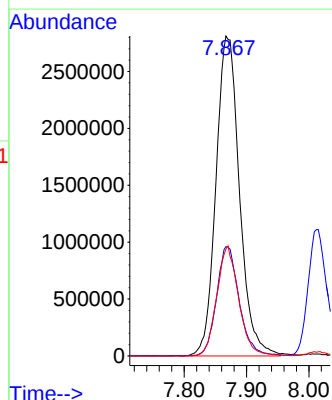
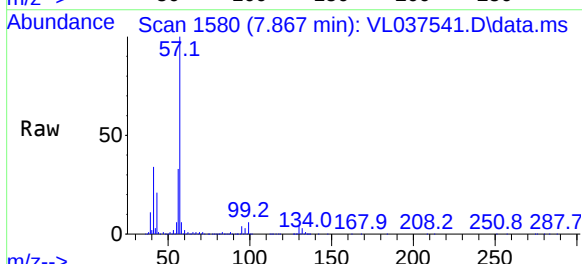
MMDadoda
9/10/2021 10:48:27 AM

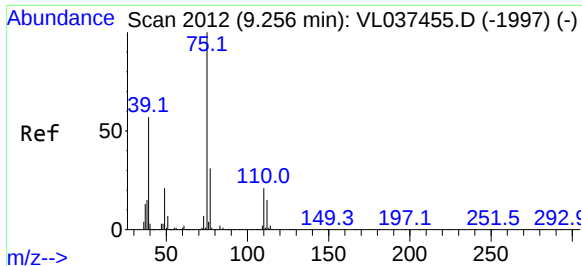


#44
2,2,4-Trimethylpentane
Concen: 9.378 ppbv
RT: 7.867 min Scan# 1580
Delta R.T. 0.016 min
Lab File: VL037541.D
Acq: 7 Sep 2021 8:26

Tgt Ion: 57 Resp: 7359849

Ion	Ratio	Lower	Upper
57	100		
41	32.8	26.2	39.4
56	32.0	25.4	38.2





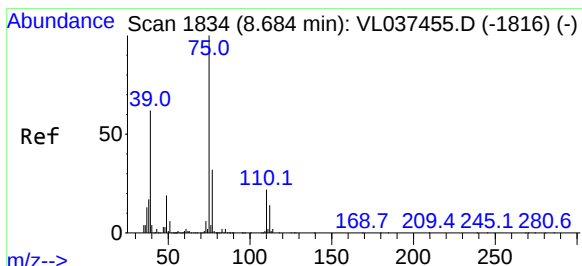
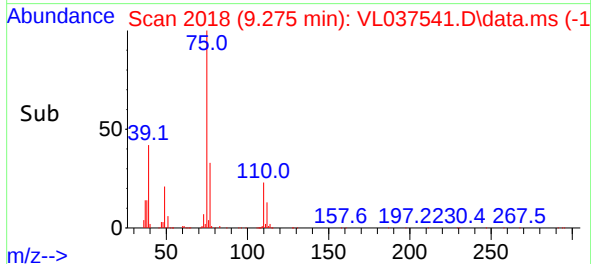
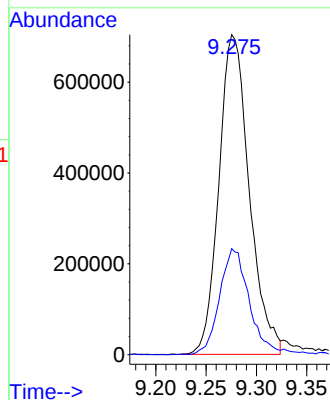
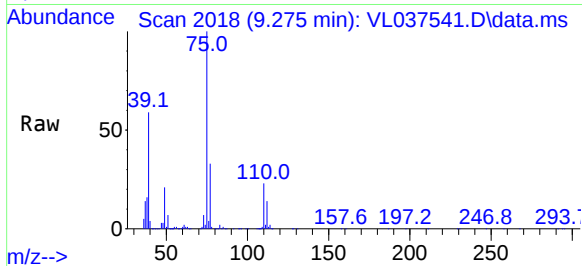
#45
t-1,3-Dichloropropene
Concen: 12.086 ppbv
RT: 9.275 min Scan# 2018
Delta R.T. 0.019 min
Lab File: VL037541.D
Acq: 7 Sep 2021 8:26

Tgt Ion: 75 Resp: 1478740
Ion Ratio Lower Upper
75 100
77 33.2 24.5 36.7

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

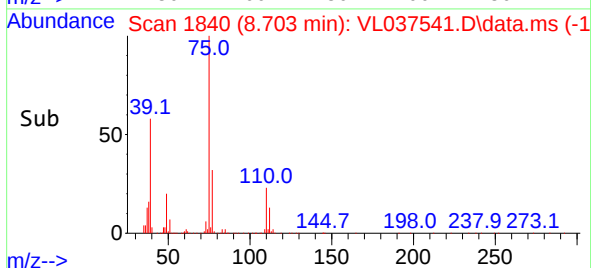
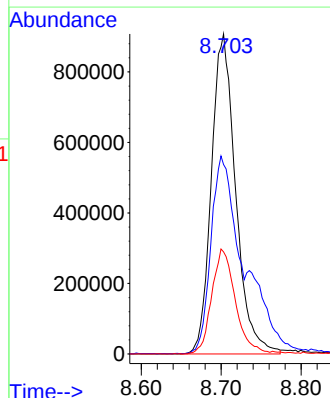
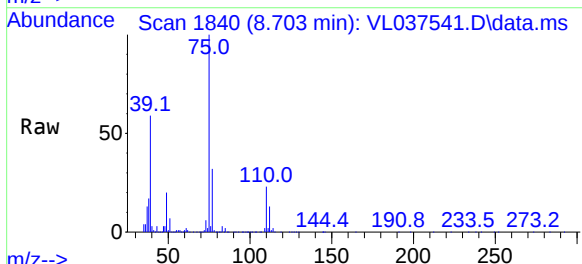
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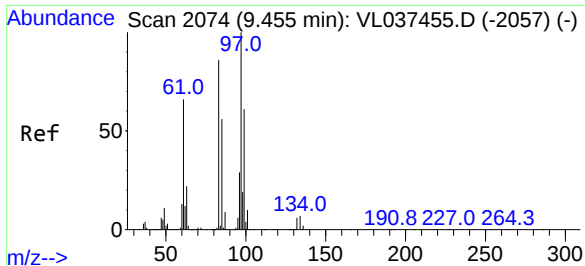
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#46
cis-1,3-Dichloropropene
Concen: 11.210 ppbv
RT: 8.703 min Scan# 1840
Delta R.T. 0.019 min
Lab File: VL037541.D
Acq: 7 Sep 2021 8:26

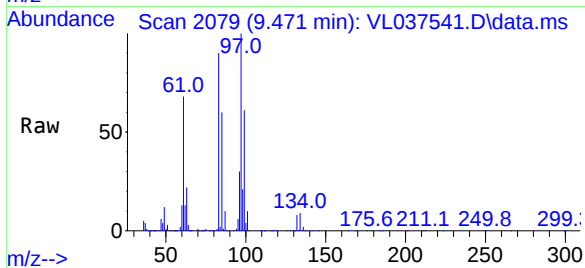
Tgt Ion: 75 Resp: 1913276
Ion Ratio Lower Upper
75 100
39 59.1 49.7 74.5
77 31.8 25.4 38.0





#47
1,1,2-Trichloroethane
Concen: 9.679 ppbv
RT: 9.471 min Scan# 2079
Delta R.T. 0.016 min
Lab File: VL037541.D
Acq: 7 Sep 2021 8:26

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

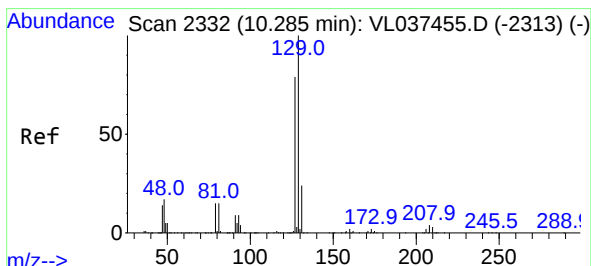
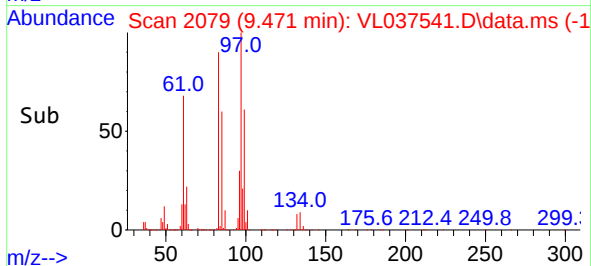
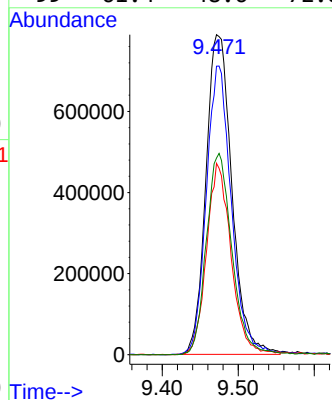


Tgt Ion: 97 Resp: 1874020

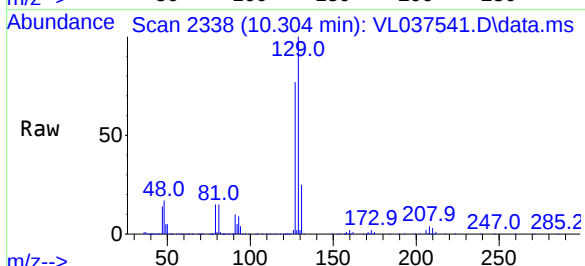
Ion	Ratio	Lower	Upper
97	100		
83	90.1	68.7	103.1
85	59.8	44.7	67.1
99	61.4	48.6	72.8

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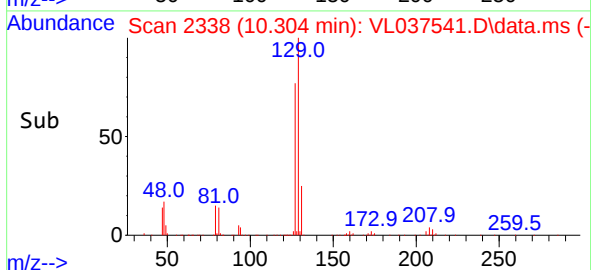
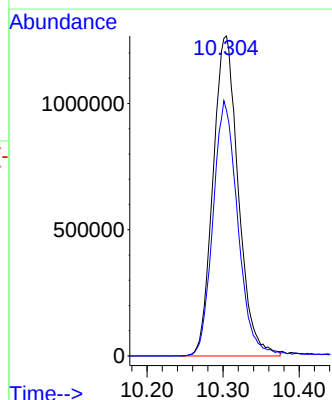


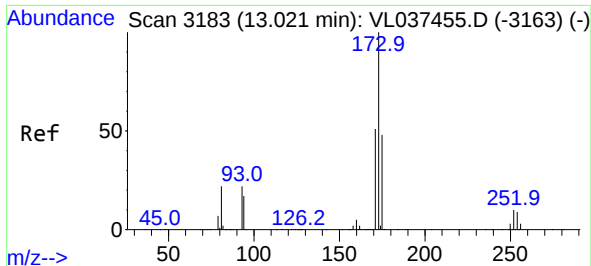
#48
Dibromochloromethane
Concen: 10.516 ppbv
RT: 10.304 min Scan# 2338
Delta R.T. 0.019 min
Lab File: VL037541.D
Acq: 7 Sep 2021 8:26



Tgt Ion: 129 Resp: 2930099

Ion	Ratio	Lower	Upper
129	100		
127	79.2	40.0	120.0





#49
Bromoform
Concen: 11.294 ppbv
RT: 13.040 min Scan# 3189
Delta R.T. 0.019 min
Lab File: VL037541.D
Acq: 7 Sep 2021 8:26

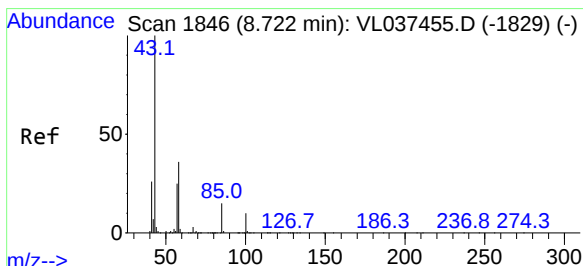
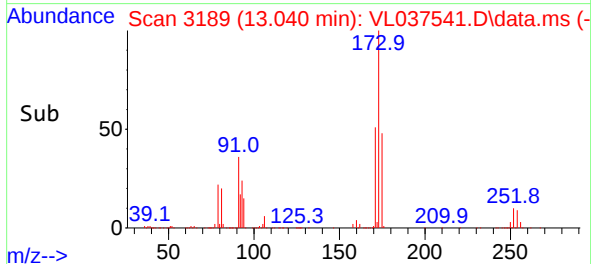
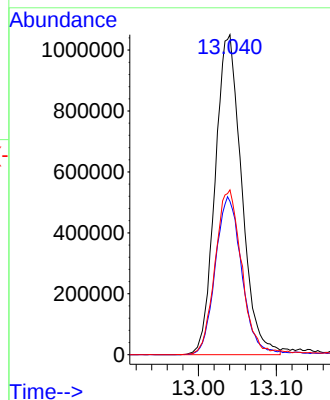
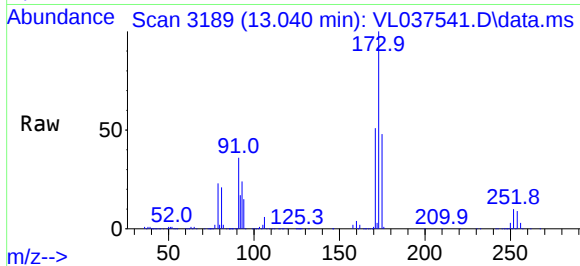
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion:173 Resp: 2480622

Ion	Ratio	Lower	Upper
173	100		
175	49.8	41.9	62.9
171	53.1	44.2	66.4

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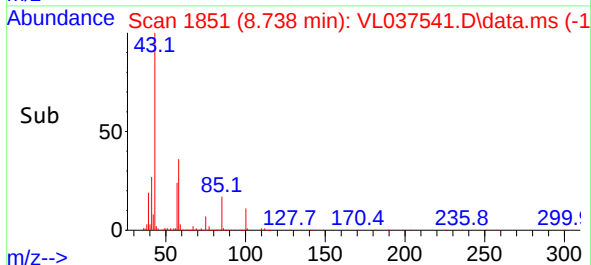
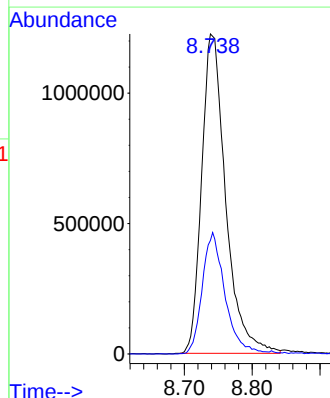
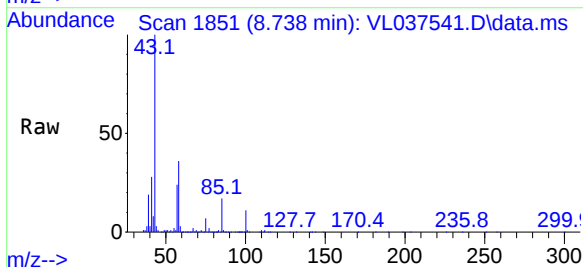
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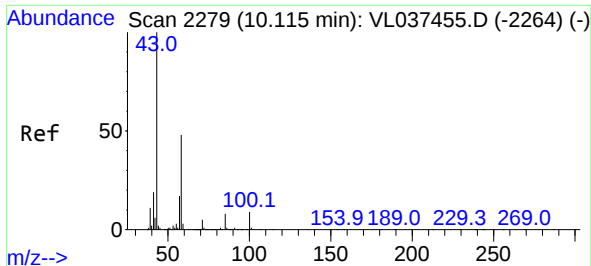


#50
4-Methyl-2-Pentanone
Concen: 10.211 ppbv
RT: 8.738 min Scan# 1851
Delta R.T. 0.016 min
Lab File: VL037541.D
Acq: 7 Sep 2021 8:26

Tgt Ion: 43 Resp: 3017622

Ion	Ratio	Lower	Upper
43	100		
58	36.7	29.9	44.9





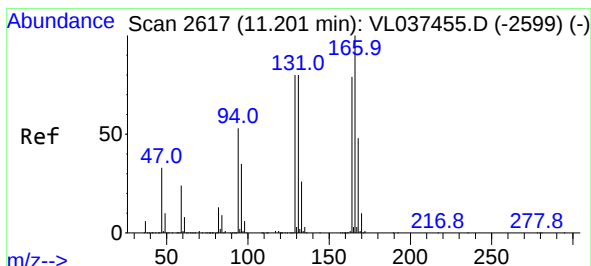
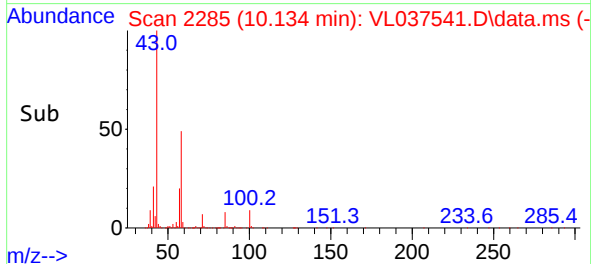
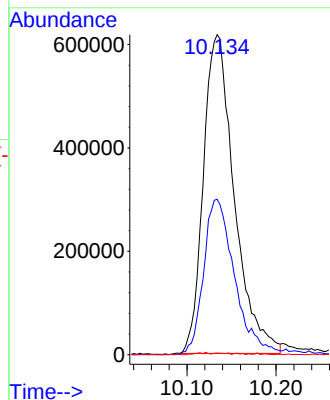
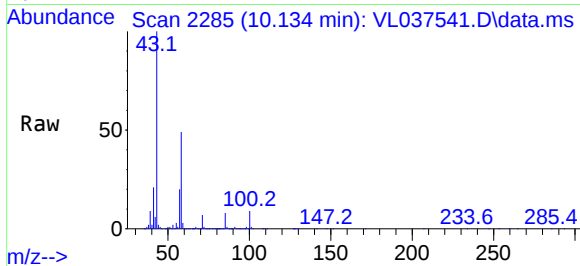
#51
2-Hexanone
Concen: 10.929 ppbv
RT: 10.134 min Scan# 2285
Delta R.T. 0.019 min
Lab File: VL037541.D
Acq: 7 Sep 2021 8:26

Tgt Ion: 43 Resp: 1485538
Ion Ratio Lower Upper
43 100
58 50.2 41.0 61.6
98 0.7 0.3 0.5#

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

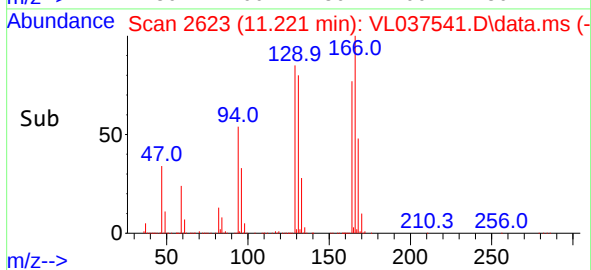
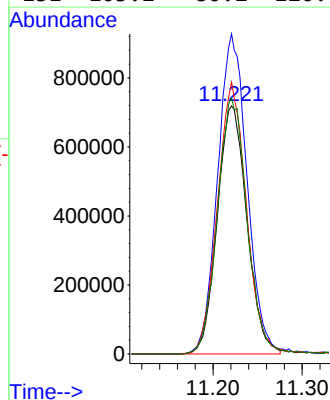
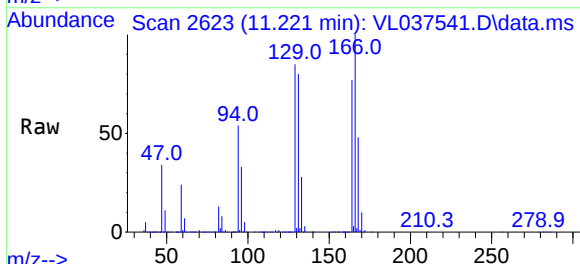
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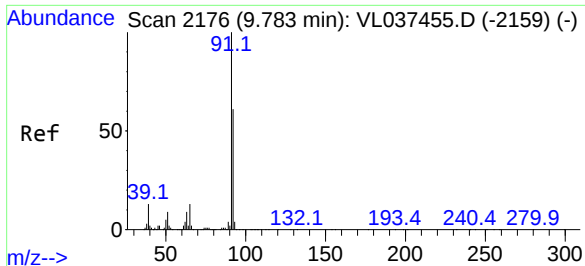
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#52
Tetrachloroethene
Concen: 8.661 ppbv
RT: 11.221 min Scan# 2623
Delta R.T. 0.019 min
Lab File: VL037541.D
Acq: 7 Sep 2021 8:26

Tgt Ion: 164 Resp: 1655072
Ion Ratio Lower Upper
164 100
166 129.0 100.7 151.1
129 109.5 80.9 121.3
131 103.2 80.2 120.4





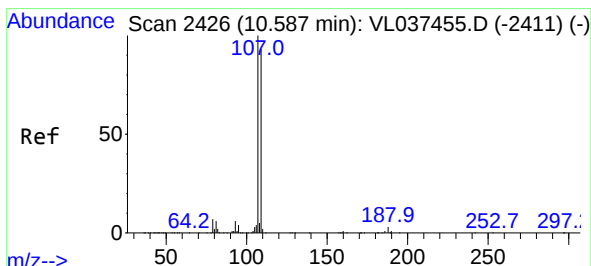
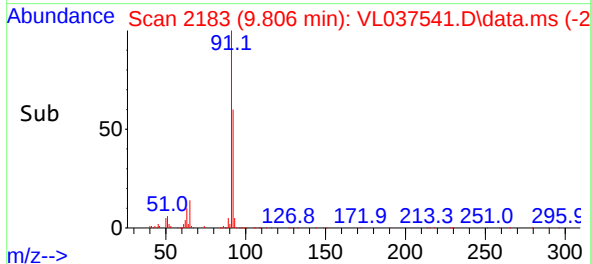
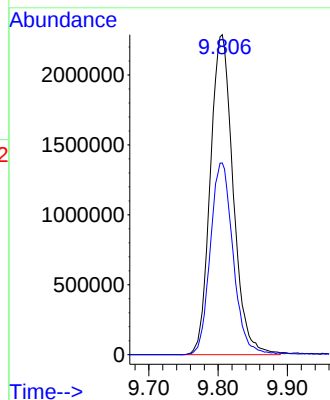
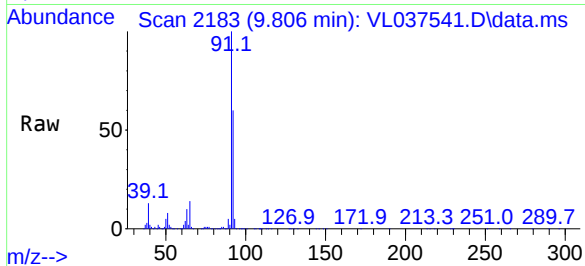
#53
Toluene
Concen: 9.831 ppbv
RT: 9.806 min Scan# 2183
Delta R.T. 0.022 min
Lab File: VL037541.D
Acq: 7 Sep 2021 8:26

Tgt Ion: 91 Resp: 5234713
Ion Ratio Lower Upper
91 100
92 60.1 48.8 73.2

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

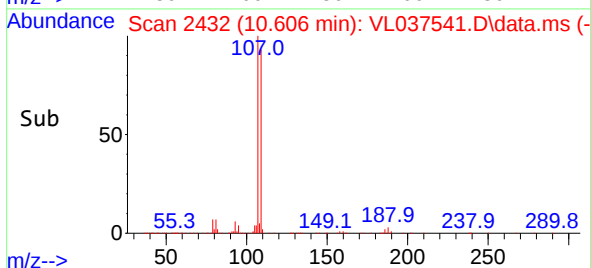
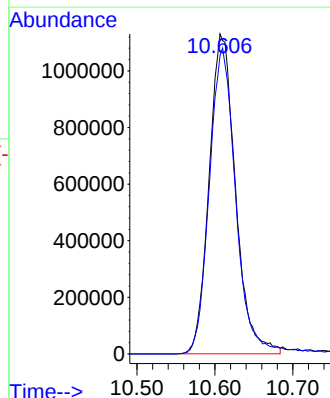
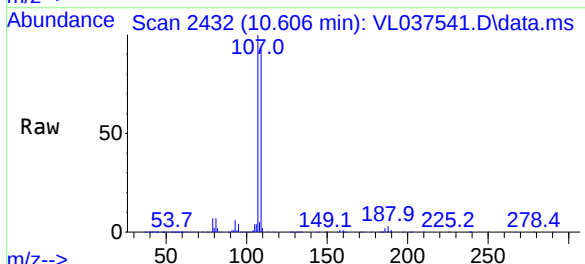
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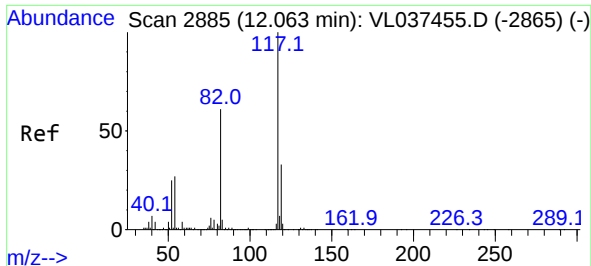
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#54
1,2-Dibromoethane
Concen: 9.818 ppbv
RT: 10.606 min Scan# 2432
Delta R.T. 0.019 min
Lab File: VL037541.D
Acq: 7 Sep 2021 8:26

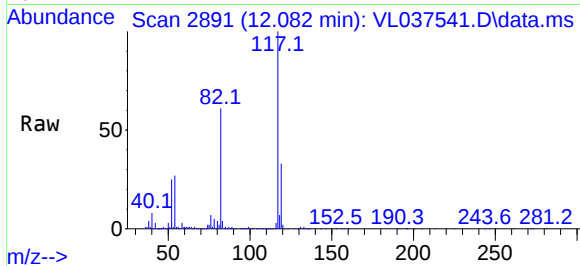
Tgt Ion: 107 Resp: 2653806
Ion Ratio Lower Upper
107 100
109 93.2 74.2 111.4





#55
Chlorobenzene-d5
Concen: 10.000 ppbv m
RT: 12.082 min Scan# 2891
Delta R.T. 0.019 min
Lab File: VL037541.D
Acq: 7 Sep 2021 8:26

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

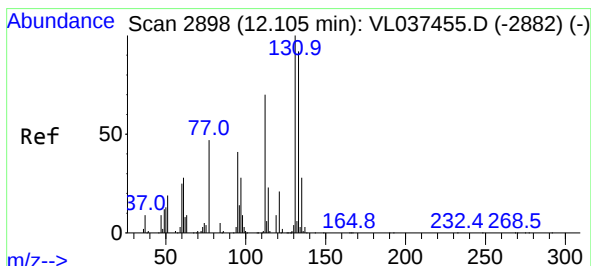
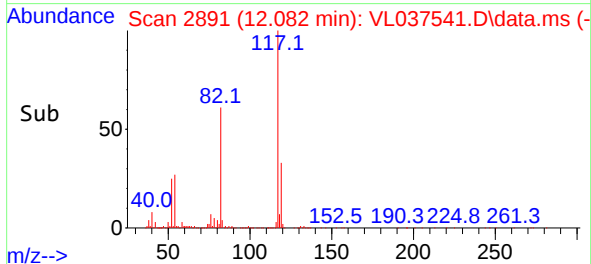
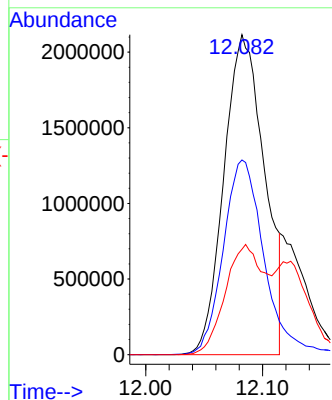


Tgt Ion:117 Resp: 5112239

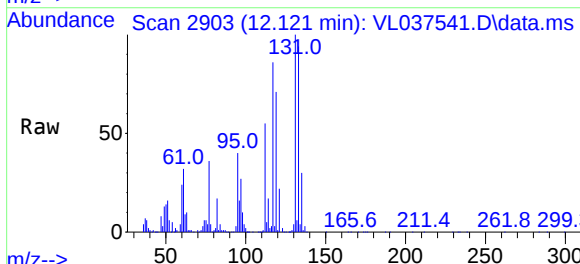
Ion	Ratio	Lower	Upper
117	100		
82	63.1	52.9	79.3
119	31.9	24.8	37.2

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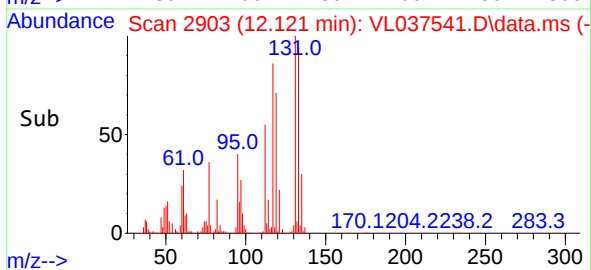
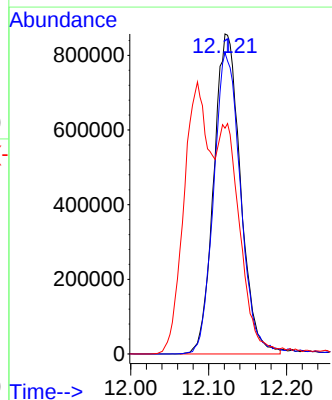


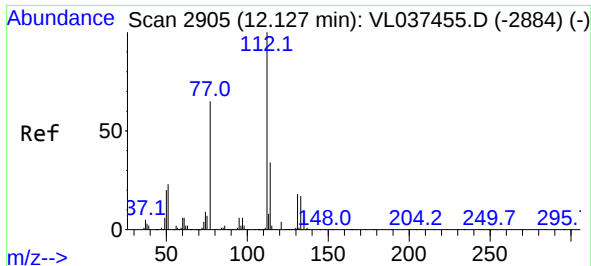
#56
1,1,1,2-Tetrachloroethane
Concen: 9.591 ppbv
RT: 12.121 min Scan# 2903
Delta R.T. 0.016 min
Lab File: VL037541.D
Acq: 7 Sep 2021 8:26



Tgt Ion:131 Resp: 2043151

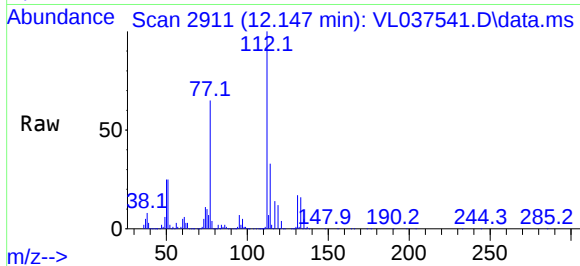
Ion	Ratio	Lower	Upper
131	100		
133	95.9	78.7	118.1
119	64.8	56.6	85.0





#57
Chlorobenzene
Concen: 9.087 ppbv
RT: 12.147 min Scan# 2911
Delta R.T. 0.019 min
Lab File: VL037541.D
Acq: 7 Sep 2021 8:26

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

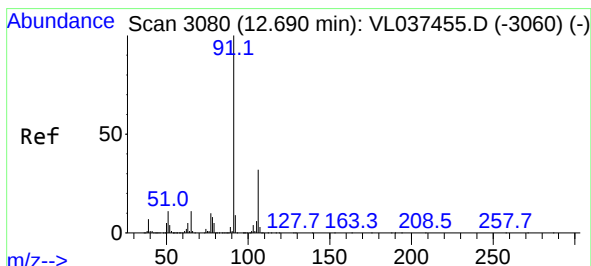
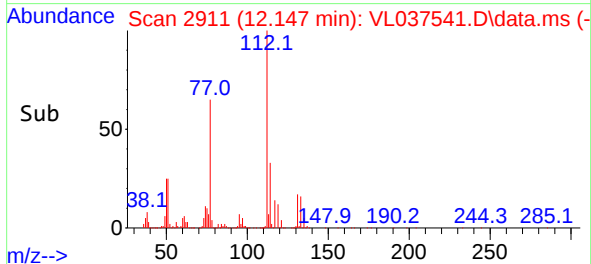
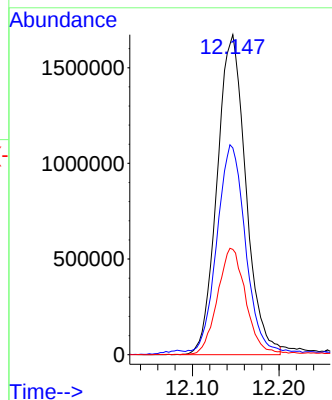


Tgt Ion: 112 Resp: 3855086

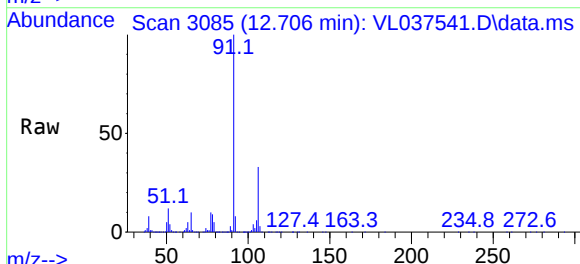
Ion	Ratio	Lower	Upper
112	100		
77	63.5	51.6	77.4
114	32.9	30.7	37.5

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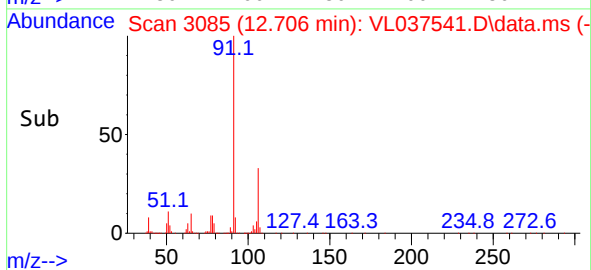
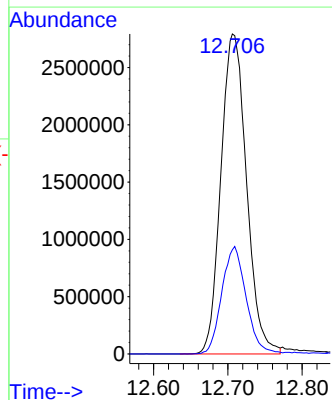


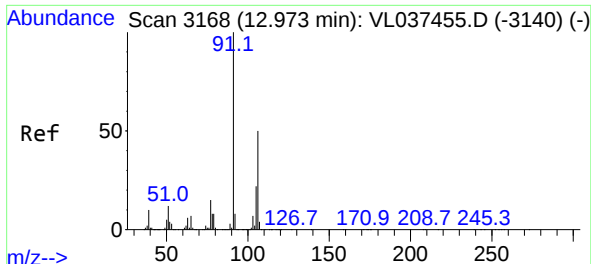
#58
Ethyl Benzene
Concen: 9.450 ppbv
RT: 12.706 min Scan# 3085
Delta R.T. 0.016 min
Lab File: VL037541.D
Acq: 7 Sep 2021 8:26



Tgt Ion: 91 Resp: 6704227

Ion	Ratio	Lower	Upper
91	100		
106	32.5	25.7	38.5





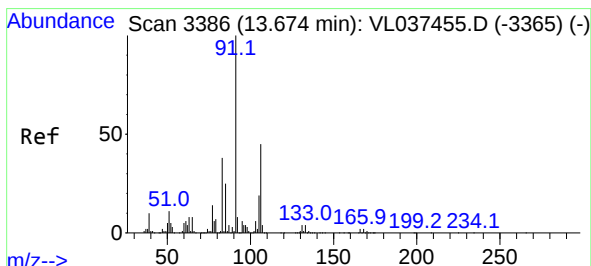
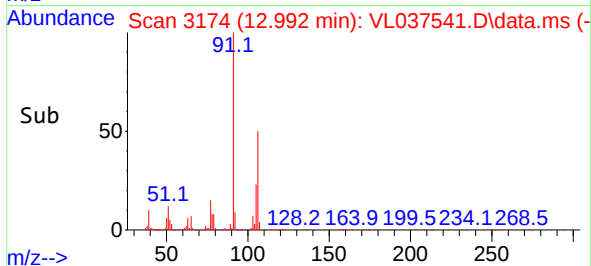
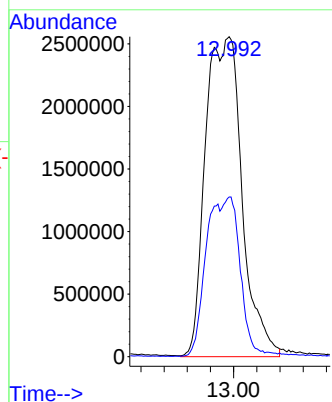
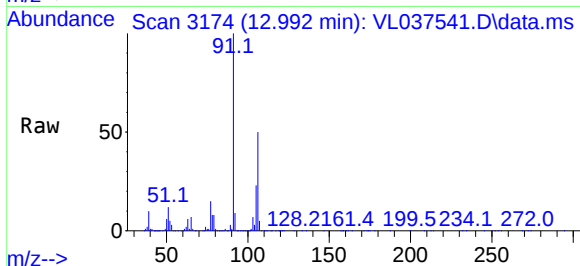
#59
m/p-Xylene
Concen: 18.211 ppbv m
RT: 12.992 min Scan# 3174
Delta R.T. 0.019 min
Lab File: VL037541.D
Acq: 7 Sep 2021 8:26

Tgt Ion: 91 Resp: 11200373
Ion Ratio Lower Upper
91 100
106 46.8 36.9 55.3

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

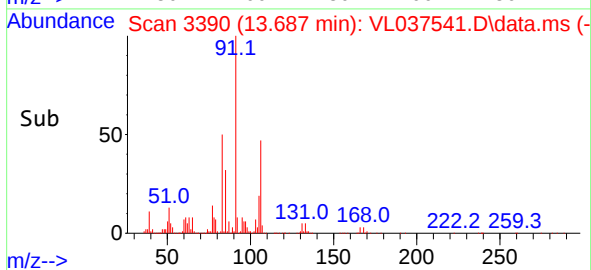
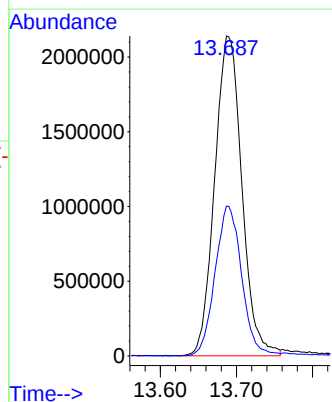
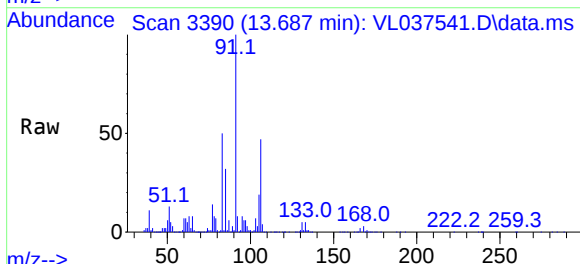
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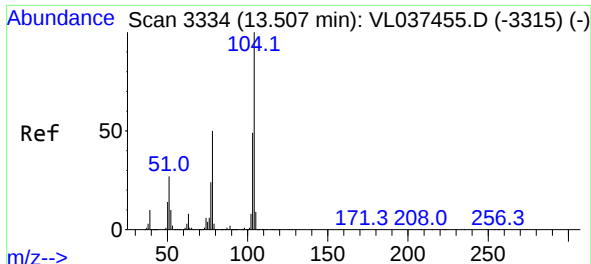
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#60
o-Xylene
Concen: 9.256 ppbv
RT: 13.687 min Scan# 3390
Delta R.T. 0.013 min
Lab File: VL037541.D
Acq: 7 Sep 2021 8:26

Tgt Ion: 91 Resp: 5313148
Ion Ratio Lower Upper
91 100
106 47.0 23.7 71.1





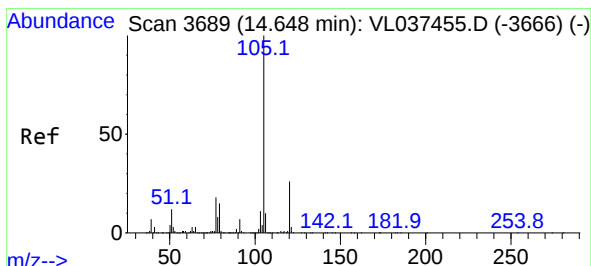
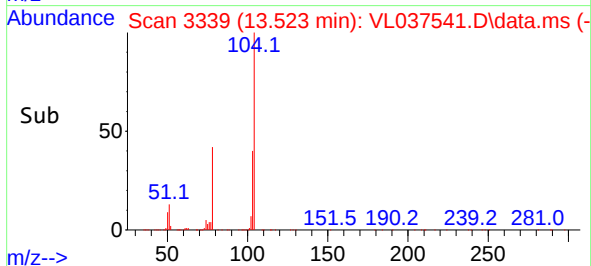
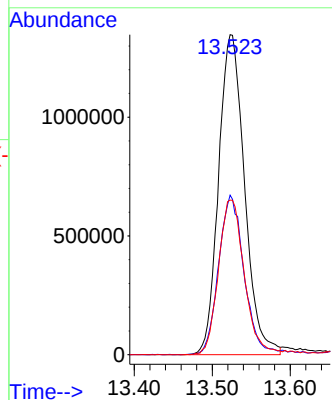
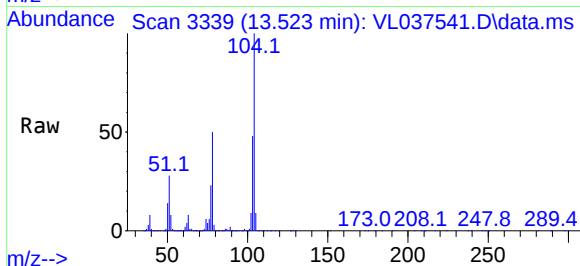
#61
Styrene
Concen: 10.466 ppbv
RT: 13.523 min Scan# 3339
Delta R.T. 0.016 min
Lab File: VL037541.D
Acq: 7 Sep 2021 8:26

Tgt Ion:104 Resp: 3120985
Ion Ratio Lower Upper
104 100
78 49.7 41.3 61.9
103 49.1 39.4 59.0

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

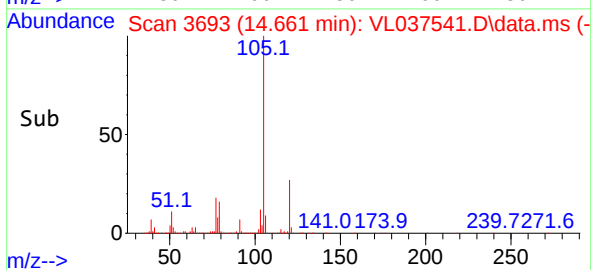
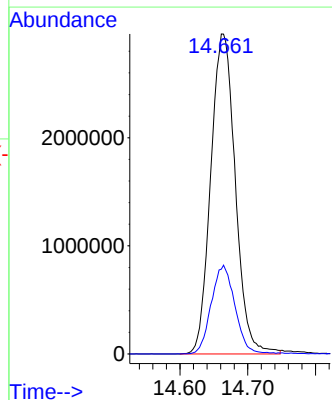
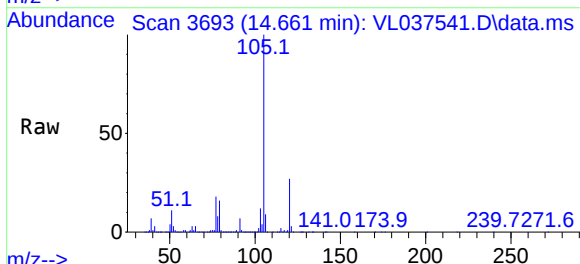
Manual Integrations
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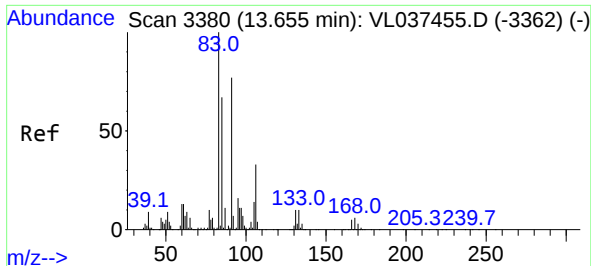
MMDadoda
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#62
Isopropylbenzene
Concen: 9.191 ppbv
RT: 14.661 min Scan# 3693
Delta R.T. 0.013 min
Lab File: VL037541.D
Acq: 7 Sep 2021 8:26

Tgt Ion:105 Resp: 7446203
Ion Ratio Lower Upper
105 100
120 27.0 21.5 32.3





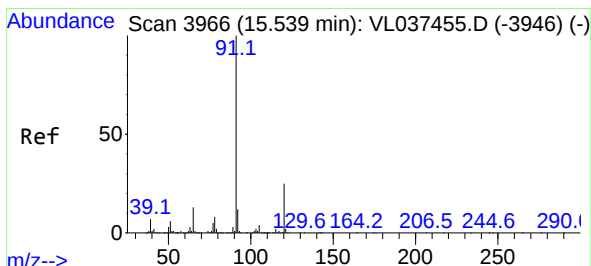
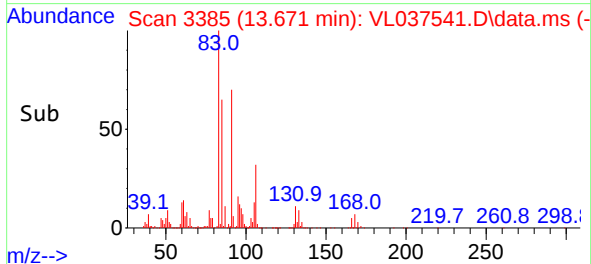
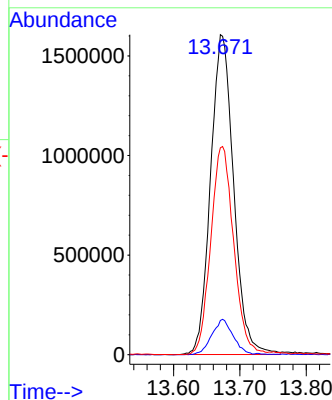
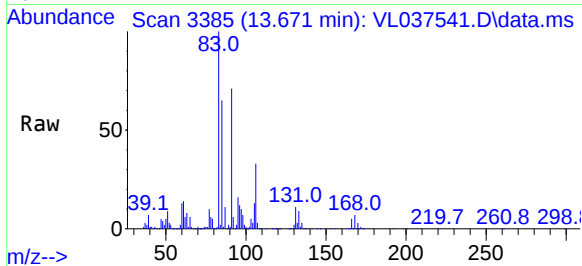
#63
1,1,2,2-Tetrachloroethane
Concen: 9.100 ppbv
RT: 13.671 min Scan# 3385
Delta R.T. 0.016 min
Lab File: VL037541.D
Acq: 7 Sep 2021 8:26

Tgt Ion: 83 Resp: 3882369
Ion Ratio Lower Upper
83 100
131 10.4 5.0 15.0
85 65.9 33.8 101.3

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

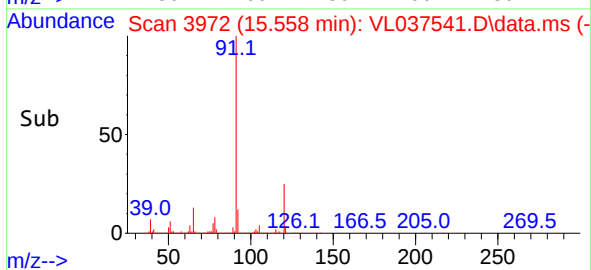
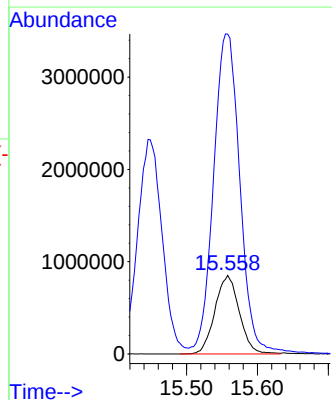
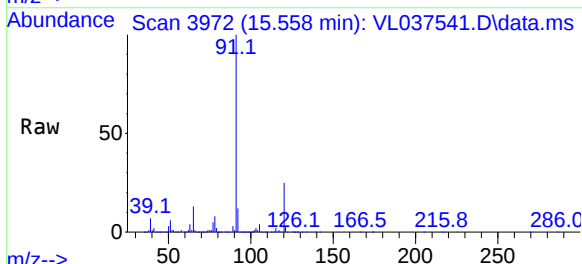
Manual Integrations
APPROVED

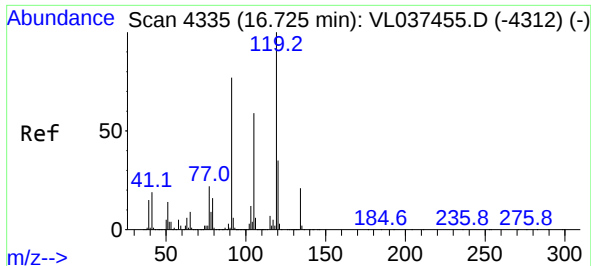
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#64
n-propylbenzene
Concen: 9.850 ppbv
RT: 15.558 min Scan# 3972
Delta R.T. 0.019 min
Lab File: VL037541.D
Acq: 7 Sep 2021 8:26

Tgt Ion: 120 Resp: 2030816
Ion Ratio Lower Upper
120 100
91 442.4 373.8 560.6





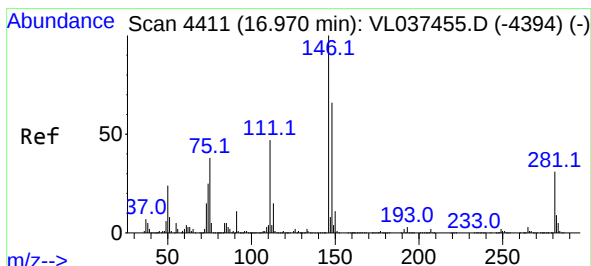
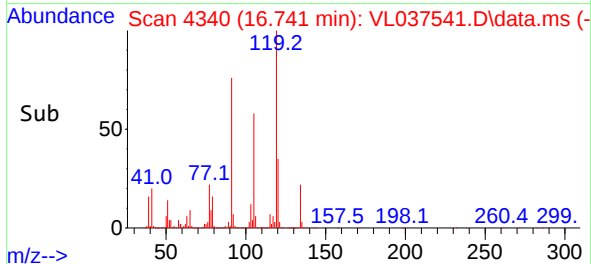
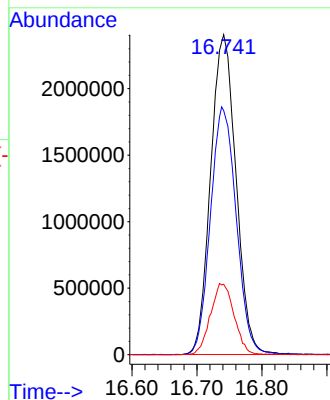
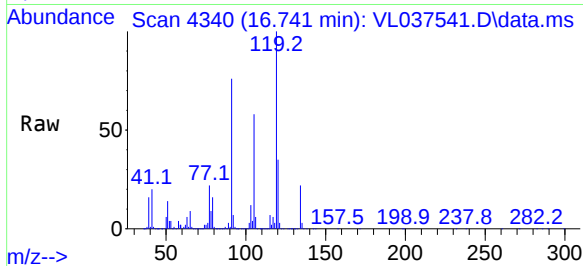
#65
tert-Butylbenzene
Concen: 8.828 ppbv
RT: 16.741 min Scan# 4340
Delta R.T. 0.016 min
Lab File: VL037541.D
Acq: 7 Sep 2021 8:26

Tgt Ion: 119 Resp: 6513430
Ion Ratio Lower Upper
119 100
91 78.8 62.9 94.3
134 20.9 16.4 24.6

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

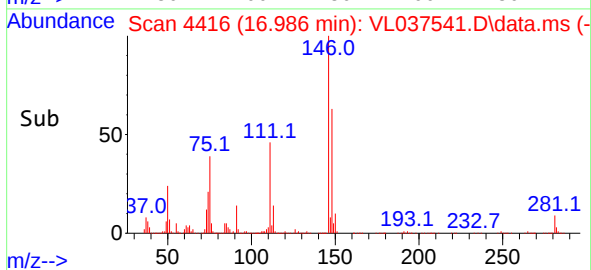
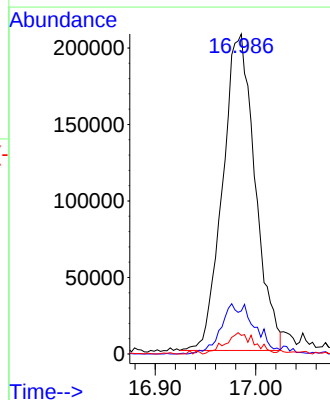
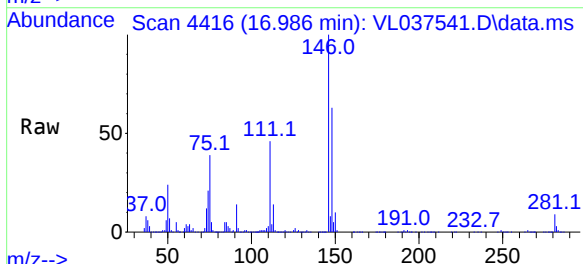
Manual Integrations
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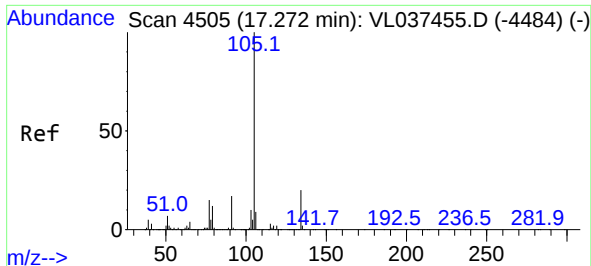
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#66
Benzyl Chloride
Concen: 13.872 ppbv
RT: 16.986 min Scan# 4416
Delta R.T. 0.016 min
Lab File: VL037541.D
Acq: 7 Sep 2021 8:26

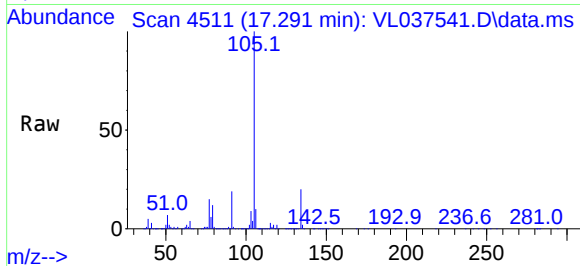
Tgt Ion: 91 Resp: 463004
Ion Ratio Lower Upper
91 100
126 17.6 15.9 23.9
128 7.1 5.4 8.0





#67
 sec-Butylbenzene
 Concen: 8.815 ppbv
 RT: 17.291 min Scan# 4511
 Delta R.T. 0.019 min
 Lab File: VL037541.D
 Acq: 7 Sep 2021 8:26

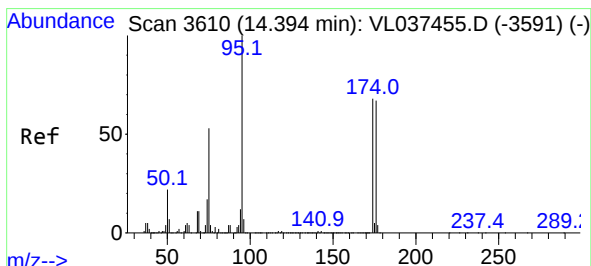
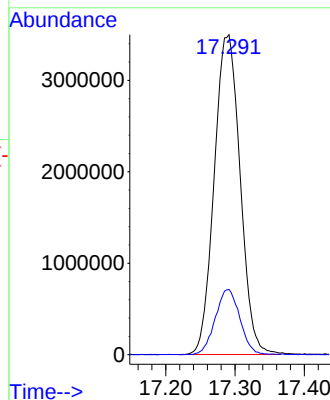
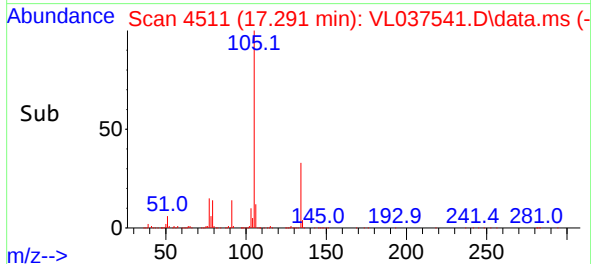
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010



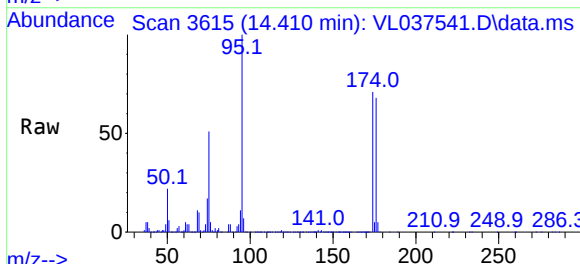
Tgt Ion: 105 Resp: 9088287
 Ion Ratio Lower Upper
 105 100
 134 19.4 15.2 22.8

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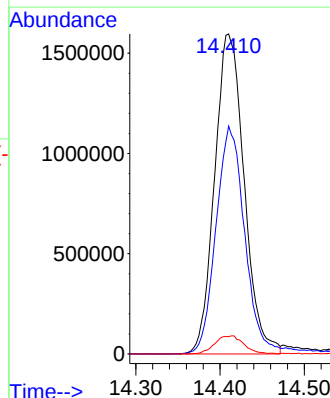
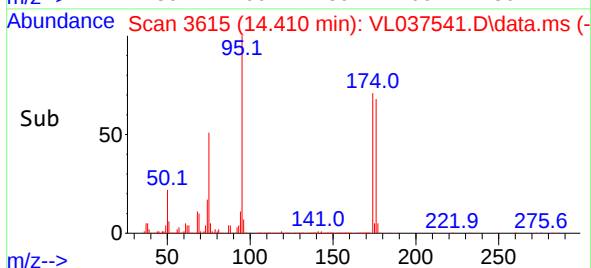
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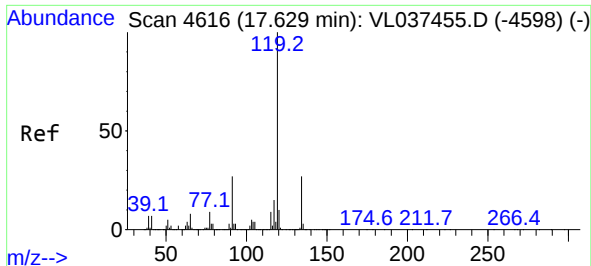


#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.694 ppbv
 RT: 14.410 min Scan# 3615
 Delta R.T. 0.016 min
 Lab File: VL037541.D
 Acq: 7 Sep 2021 8:26



Tgt Ion: 95 Resp: 3884105
 Ion Ratio Lower Upper
 95 100
 174 71.4 59.6 89.4
 175 5.7 4.6 7.0





#69
p-Isopropyltoluene
Concen: 9.181 ppbv
RT: 17.645 min Scan# 4621
Delta R.T. 0.016 min
Lab File: VL037541.D
Acq: 7 Sep 2021 8:26

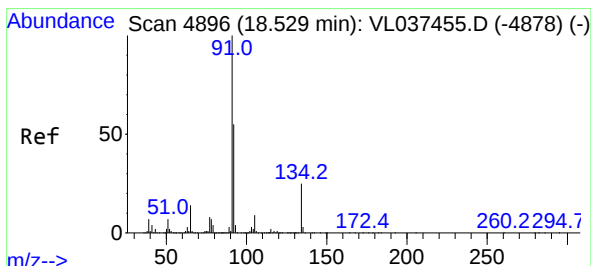
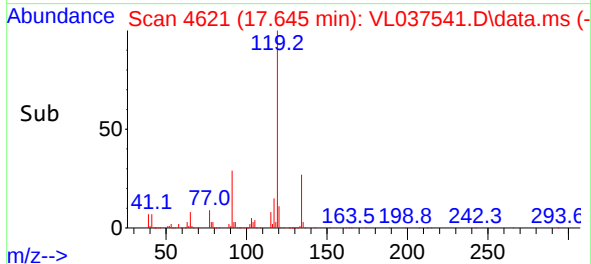
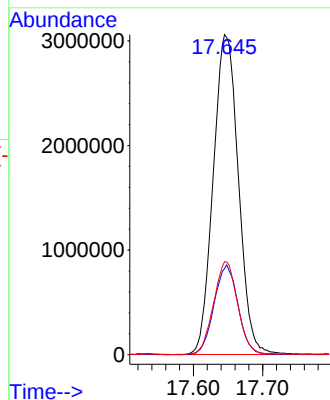
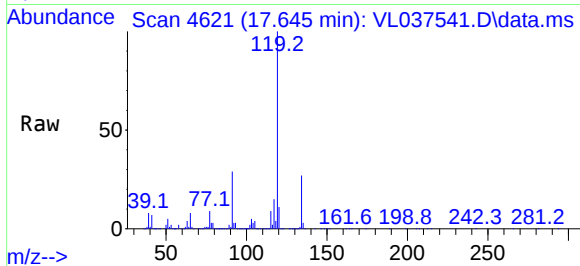
Tgt Ion: 119 Resp: 7713461

Ion	Ratio	Lower	Upper
119	100		
134	26.8	21.1	31.7
91	28.0	22.4	33.6

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Manual Integrations
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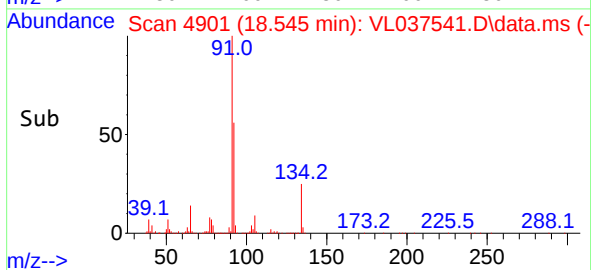
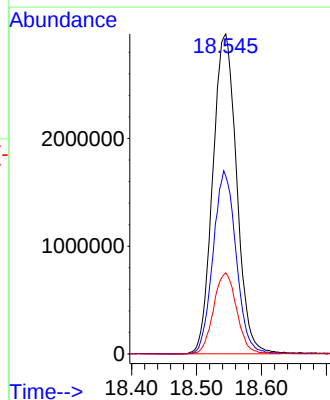
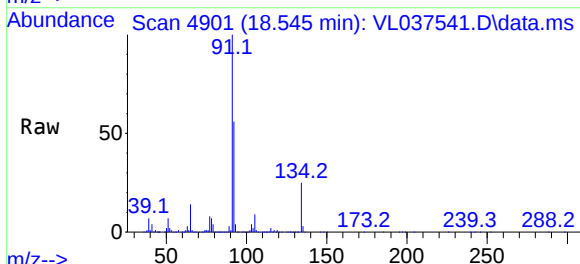
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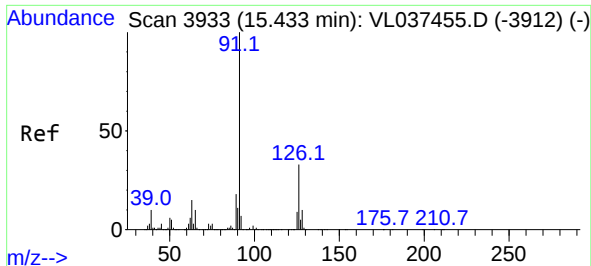


#70
n-Butylbenzene
Concen: 9.417 ppbv
RT: 18.545 min Scan# 4901
Delta R.T. 0.016 min
Lab File: VL037541.D
Acq: 7 Sep 2021 8:26

Tgt Ion: 91 Resp: 7560504

Ion	Ratio	Lower	Upper
91	100		
92	55.4	44.0	66.0
134	24.8	19.5	29.3





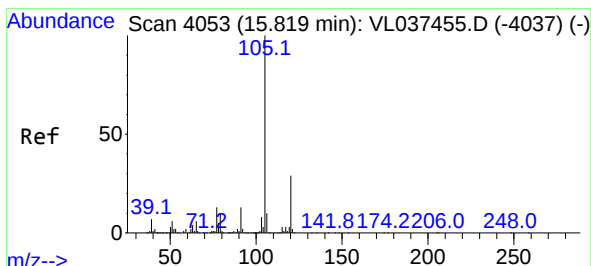
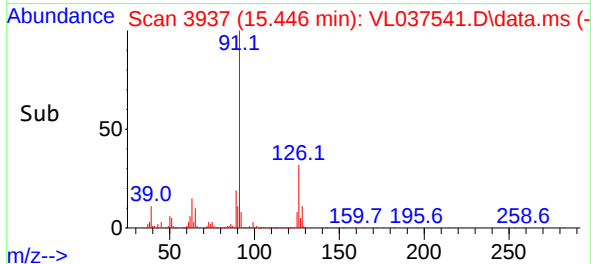
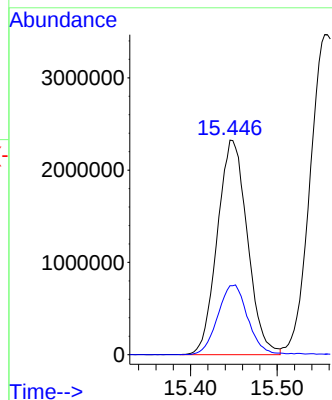
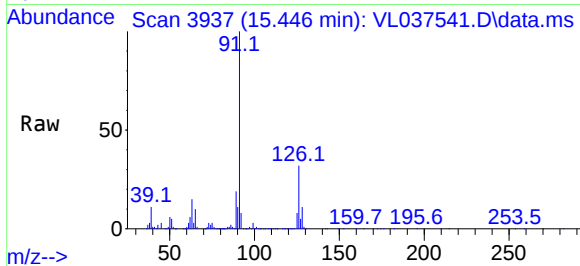
#71
2-Chlorotoluene
Concen: 9.426 ppbv
RT: 15.446 min Scan# 3937
Delta R.T. 0.013 min
Lab File: VL037541.D
Acq: 7 Sep 2021 8:26

Tgt Ion: 91 Resp: 5599976
Ion Ratio Lower Upper
91 100
126 33.1 13.6 54.4

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

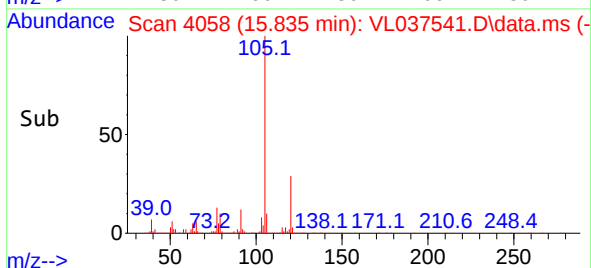
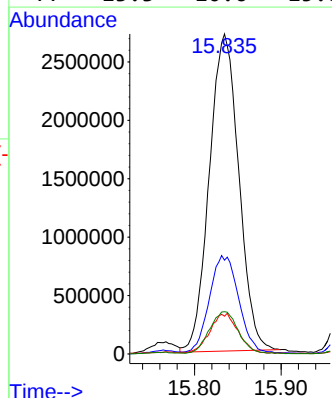
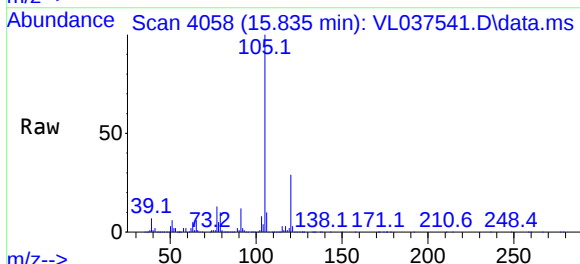
Manual Integrations
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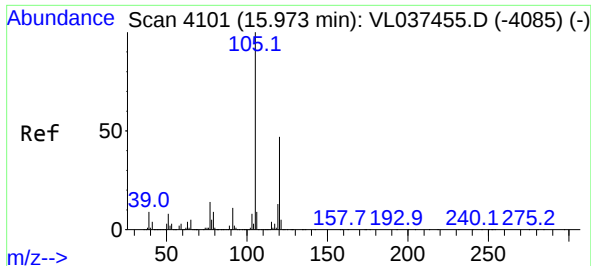
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#72
4-Ethyltoluene
Concen: 9.408 ppbv
RT: 15.835 min Scan# 4058
Delta R.T. 0.016 min
Lab File: VL037541.D
Acq: 7 Sep 2021 8:26

Tgt Ion: 105 Resp: 6423894
Ion Ratio Lower Upper
105 100
120 31.5 24.7 37.1
91 12.3 9.8 14.8
77 13.3 10.6 15.8





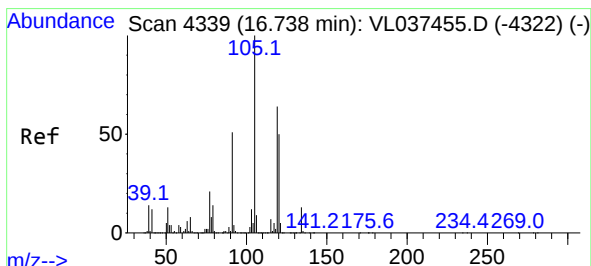
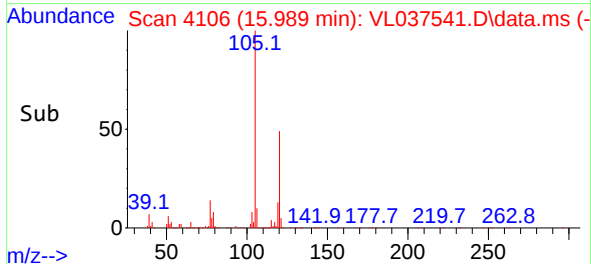
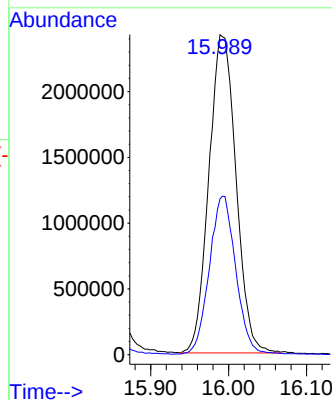
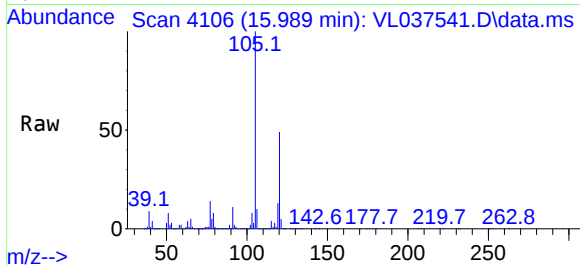
#73
1,3,5-Trimethylbenzene
Concen: 9.215 ppbv
RT: 15.989 min Scan# 4106
Delta R.T. 0.016 min
Lab File: VL037541.D
Acq: 7 Sep 2021 8:26

Tgt Ion:105 Resp: 5856404
Ion Ratio Lower Upper
105 100
120 48.8 37.6 56.4

Instrument :
MSVOA_L
ClientSampleId :
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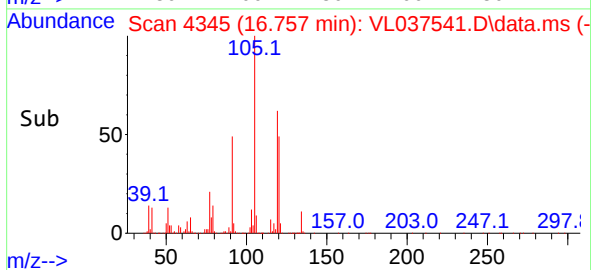
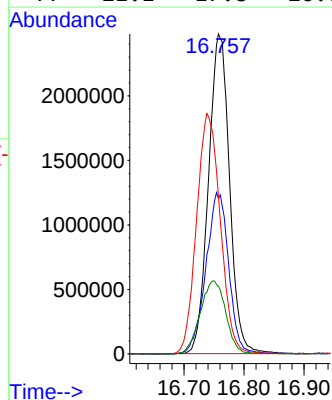
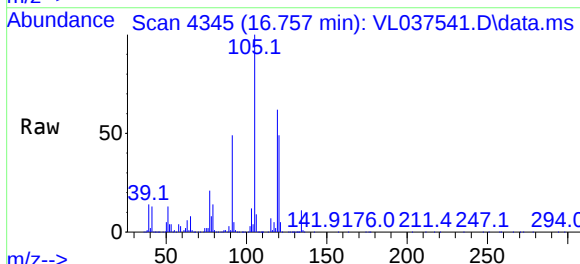
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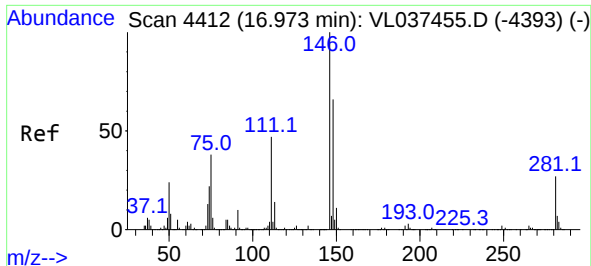
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#74
1,2,4-Trimethylbenzene
Concen: 8.938 ppbv
RT: 16.757 min Scan# 4345
Delta R.T. 0.019 min
Lab File: VL037541.D
Acq: 7 Sep 2021 8:26

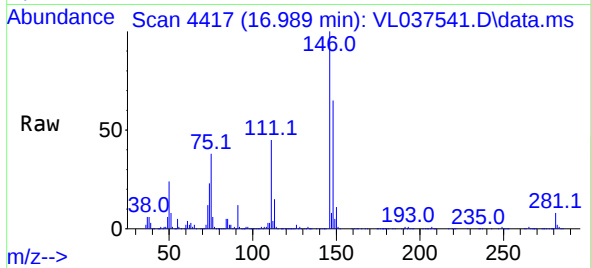
Tgt Ion:105 Resp: 6036575
Ion Ratio Lower Upper
105 100
120 48.4 40.4 60.6
91 49.2 44.6 67.0
77 21.1 17.8 26.6





#75
1,3-Dichlorobenzene
Concen: 9.249 ppbv
RT: 16.989 min Scan# 4417
Delta R.T. 0.016 min
Lab File: VL037541.D
Acq: 7 Sep 2021 8:26

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

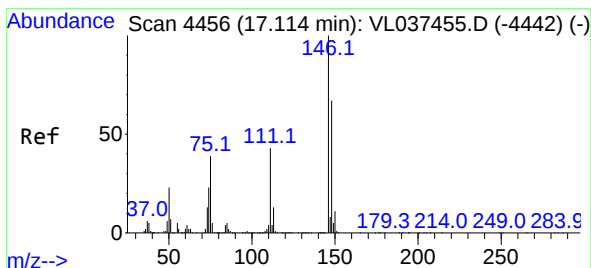
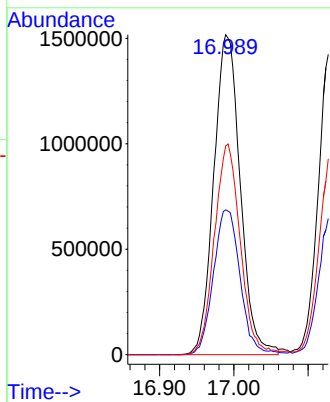
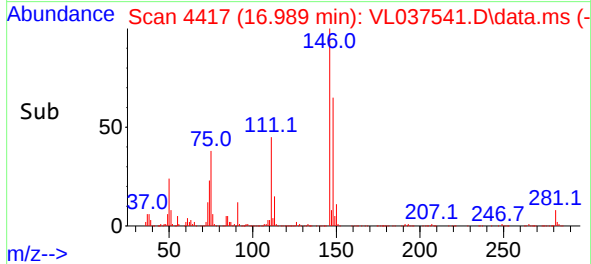


Tgt Ion:146 Resp: 3759772

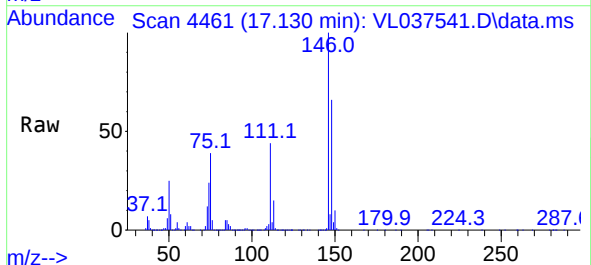
Ion	Ratio	Lower	Upper
146	100		
111	45.9	23.4	70.0
148	64.8	33.1	99.5

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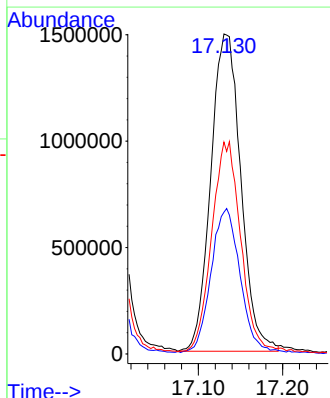
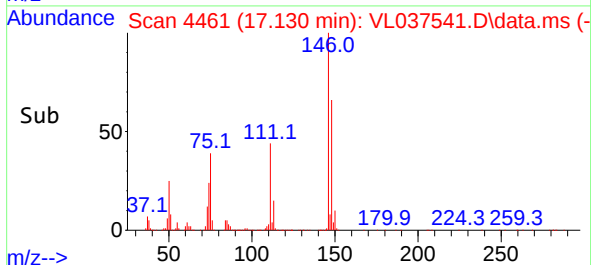


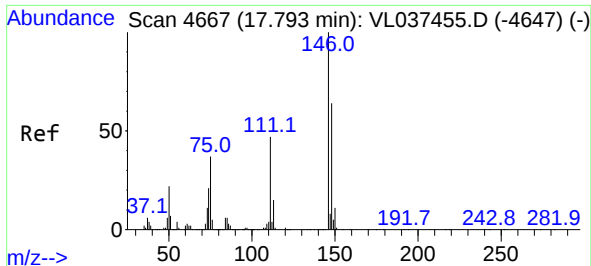
#76
1,4-Dichlorobenzene
Concen: 9.007 ppbv
RT: 17.130 min Scan# 4461
Delta R.T. 0.016 min
Lab File: VL037541.D
Acq: 7 Sep 2021 8:26



Tgt Ion:146 Resp: 3688514

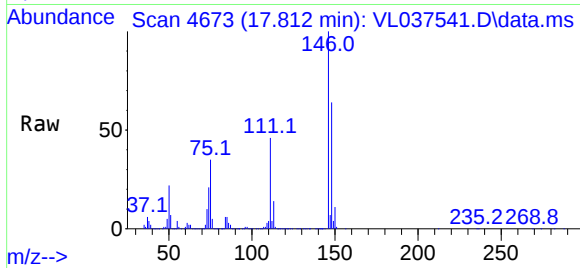
Ion	Ratio	Lower	Upper
146	100		
111	45.3	22.1	66.5
148	66.7	32.4	97.0





#77
1,2-Dichlorobenzene
Concen: 9.159 ppbv
RT: 17.812 min Scan# 4673
Delta R.T. 0.019 min
Lab File: VL037541.D
Acq: 7 Sep 2021 8:26

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

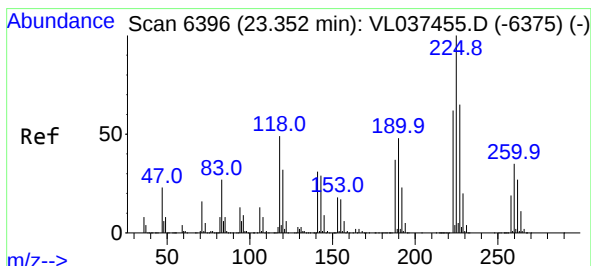
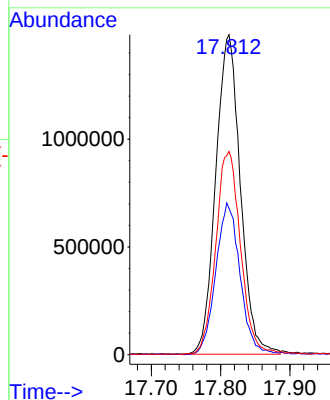
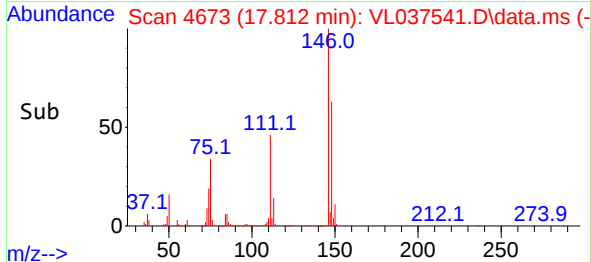


Tgt Ion:146 Resp: 3666284

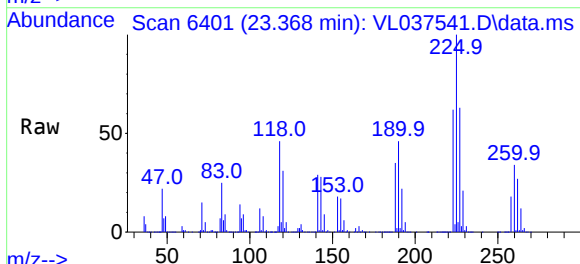
Ion	Ratio	Lower	Upper
146	100		
111	46.7	23.4	70.3
148	64.2	32.5	97.5

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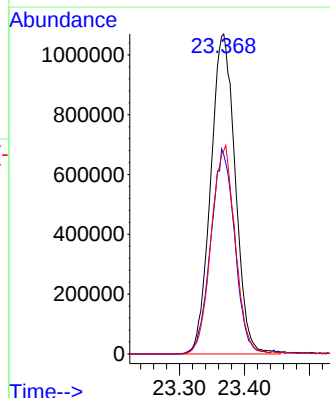
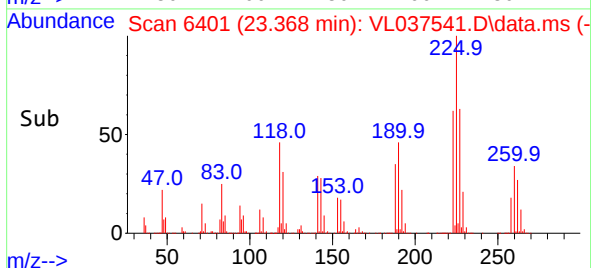


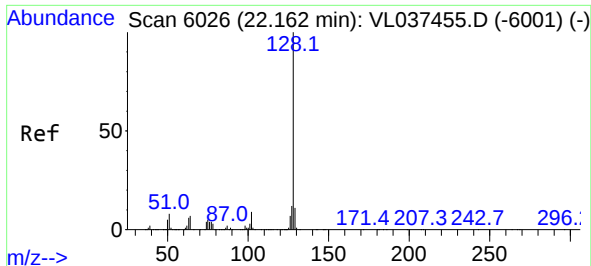
#78
Hexachloro-1,3-Butadiene
Concen: 8.413 ppbv
RT: 23.368 min Scan# 6401
Delta R.T. 0.016 min
Lab File: VL037541.D
Acq: 7 Sep 2021 8:26



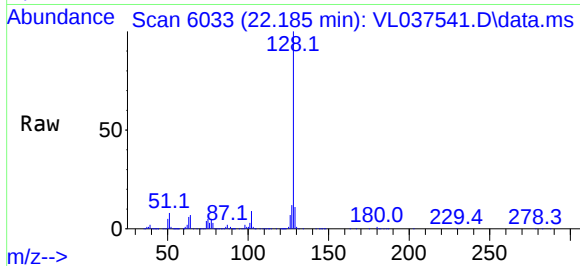
Tgt Ion:225 Resp: 2800190

Ion	Ratio	Lower	Upper
225	100		
223	63.0	51.4	77.0
227	64.3	52.9	79.3



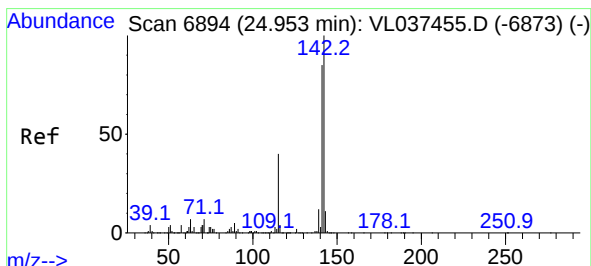
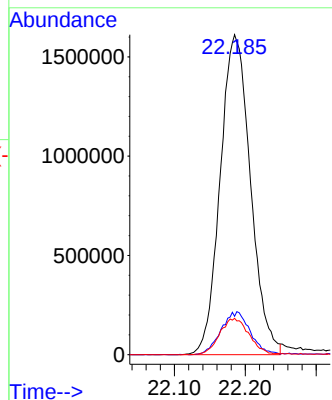
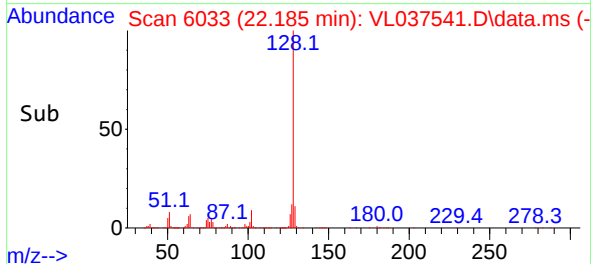


#79
Naphthalene
Concen: 10.582 ppbv
RT: 22.185 min Scan# 6033
Delta R.T. 0.022 min
Lab File: VL037541.D
Acq: 7 Sep 2021 8:26

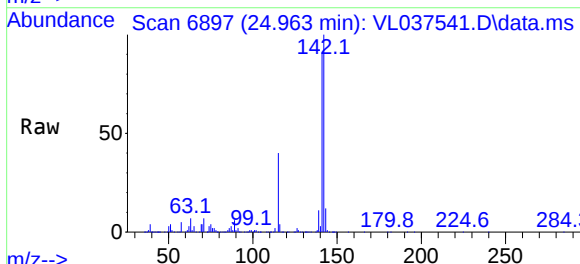


Tgt Ion:128 Resp: 4782749

Ion	Ratio	Lower	Upper
128	100		
127	11.9	9.4	14.2
129	11.3	8.8	13.2

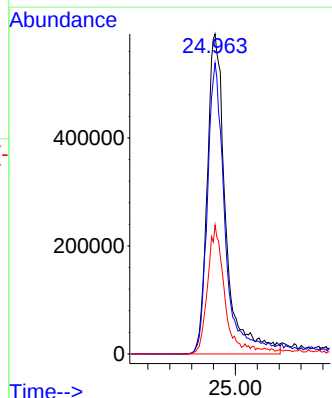
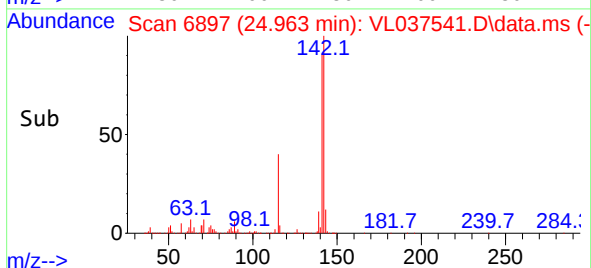


#80
Naphthalene,2-methyl-
Concen: 11.057 ppbv
RT: 24.963 min Scan# 6897
Delta R.T. 0.010 min
Lab File: VL037541.D
Acq: 7 Sep 2021 8:26



Tgt Ion:142 Resp: 1392245

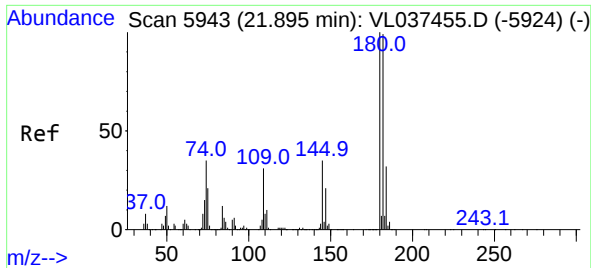
Ion	Ratio	Lower	Upper
142	100		
141	86.4	64.7	97.1
115	37.9	28.4	42.6



Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Manual Integrations
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9/10/2021 10:48:27 AM



#81
 1,2,4-Trichlorobenzene
 Concen: 10.107 ppbv
 RT: 21.915 min Scan# 5949
 Delta R.T. 0.019 min
 Lab File: VL037541.D
 Acq: 7 Sep 2021 8:26

Tgt Ion:180 Resp: 2866502

Ion	Ratio	Lower	Upper
180	100		
182	95.8	79.6	119.4
184	30.7	25.4	38.2

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

Manual Integrations
 APPROVED

MMDadoda
 9/10/2021 10:48:27 AM

