

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL090821\
 Data File : VL037565.D
 Acq On : 8 Sep 2021 10:19
 Operator : SY/AP
 Sample : VL0908ABS01
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0908ABS01

Manual Integrations
 APPROVED

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 9/10/2021 10:52:09 AM

Quant Time: Sep 09 09:10:44 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	5.671	49	1813846	10.000	ppbv	0.02
33) 1,4-Difluorobenzene	7.182	114	5235204	10.000	ppbv	0.03
55) Chlorobenzene-d5	12.092	117	4825352m	10.000	ppbv	0.03

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene 14.420 95 3608195 10.525 ppbv 0.03
 Spiked Amount 10.000 Range 65 - 135 Recovery = 105.300%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	3.050	85	2244350	7.712	ppbv	95
3) Chlorodifluoromethane	2.992	51	3142729	9.048	ppbv	100
4) Chloromethane	3.144	50	1185119	9.548	ppbv	93
5) Vinyl Chloride	3.259	62	1166739	9.175	ppbv	96
6) Bromomethane	3.478	94	672917	9.661	ppbv	98
7) Chloroethane	3.562	64	396583	9.138	ppbv	94
8) Dichlorotetrafluoroethane	3.192	85	2683645	8.932	ppbv	99
9) Propene	3.015	41	1143151	9.199	ppbv	100
10) Heptane	8.127	43	2901822	10.144	ppbv	99
11) Trichlorofluoromethane	3.954	101	2496496	9.138	ppbv	100
12) 1,1,2-Trichlorotrifluo...	4.488	101	1805653	9.007	ppbv	99
13) Ethanol	3.613	45	120996	10.006	ppbv	82
14) Bromoethene	3.745	108	806366	8.860	ppbv	94
15) Acetone	3.854	43	1453491	7.874	ppbv	99
16) 1,3-Butadiene	3.333	39	1158233	9.781	ppbv	96
17) tert-Butyl alcohol	4.288	59	1619801	9.606	ppbv	100
18) 1,1-Dichloroethene	4.291	96	836727	9.189	ppbv	96
19) Isopropyl Alcohol	3.967	45	1012305	9.572	ppbv #	96
20) Methylene Chloride	4.346	84	726628	7.862	ppbv	98
21) Allyl Chloride	4.417	41	1340993	8.944	ppbv	95
22) trans-1,2-Dichloroethene	4.889	96	853253	9.392	ppbv	96
23) Vinyl Acetate	5.076	43	2792907	10.264	ppbv	99
24) 1,1-Dichloroethane	5.018	63	1817761	9.211	ppbv	99
25) Ethyl Acetate	5.684	43	4458028	9.513	ppbv	99
26) Hexane	5.693	57	2123061	9.266	ppbv	99
27) Carbon Disulfide	4.555	76	2027182	9.928	ppbv	99
28) Methyl tert-Butyl Ether	5.037	73	2027699	9.214	ppbv	99
29) Chloroform	5.758	83	3036647	9.352	ppbv	98
30) Cyclohexane	7.137	84	1799473	9.426	ppbv	99
31) cis-1,2-Dichloroethene	5.555	61	1953308	9.419	ppbv	99
32) 1,1,1-Trichloroethane	6.520	97	2883942	9.039	ppbv	99
34) 2-Butanone	5.246	43	1973403	9.231	ppbv	97
35) Carbon Tetrachloride	7.024	117	3010095	9.729	ppbv	97
36) Benzene	6.896	78	4388910	9.973	ppbv	97
37) 1,2-Dichloroethane	6.311	62	2112576	9.691	ppbv	99
38) Trichloroethene	7.841	130	1762411	9.760	ppbv	95
39) 1,2-Dichloropropane	7.619	63	1684272	9.960	ppbv	98
40) 1,4-Dioxane	7.838	88	433984	10.475	ppbv #	100
41) Tetrahydrofuran	6.057	42	1067973	10.370	ppbv	97
42) Bromodichloromethane	7.796	83	3188266	10.002	ppbv	95
43) Methyl Methacrylate	8.018	69	1582262	10.315	ppbv	99
44) 2,2,4-Trimethylpentane	7.877	57	7265985	9.810	ppbv	99
45) t-1,3-Dichloropropene	9.282	75	1391510	12.051	ppbv	95

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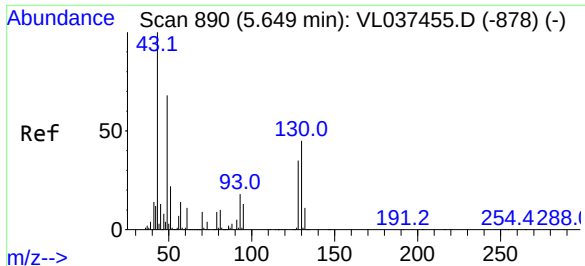
Manual Integrations
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 9/10/2021 10:52:09 AM

Quant Time: Sep 09 09:10:44 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL081621AIR.M
 Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Tue Aug 17 02:13:47 2021
 QLast Update : Tue Aug 17 02:13:47 2021
 Response via : Initial Calibration

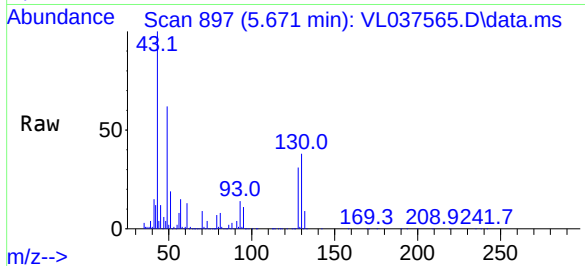
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.709	75	1805712	11.210	ppbv	99
47) 1,1,2-Trichloroethane	9.478	97	1794544	9.821	ppbv	98
48) Dibromochloromethane	10.310	129	2754288	10.474	ppbv	100
49) Bromoform	13.047	173	2201430	10.621	ppbv	100
50) 4-Methyl-2-Pentanone	8.748	43	2928027	10.499	ppbv	99
51) 2-Hexanone	10.137	43	1386929	10.811	ppbv #	97
52) Tetrachloroethene	11.230	164	1605030	8.900	ppbv	98
53) Toluene	9.812	91	5052864	10.055	ppbv	100
54) 1,2-Dibromoethane	10.616	107	2523969	9.894	ppbv	99
56) 1,1,1,2-Tetrachloroethane	12.134	131	1903955	9.469	ppbv	98
57) Chlorobenzene	12.150	112	3687709	9.209	ppbv	97
58) Ethyl Benzene	12.716	91	6437806	9.614	ppbv	99
59) m/p-Xylene	13.002	91	10704185m	18.439	ppbv	
60) o-Xylene	13.699	91	4913839	9.069	ppbv	99
61) Styrene	13.532	104	2869349	10.194	ppbv	99
62) Isopropylbenzene	14.670	105	6891600	9.012	ppbv	99
63) 1,1,2,2-Tetrachloroethane	13.680	83	3576765	8.882	ppbv	98
64) n-propylbenzene	15.564	120	1844512	9.478	ppbv	97
65) tert-Butylbenzene	16.748	119	6028506	8.656	ppbv	99
66) Benzyl Chloride	16.995	91	404869	12.851	ppbv	96
67) sec-Butylbenzene	17.294	105	8310556	8.540	ppbv	99
69) p-Isopropyltoluene	17.654	119	6963481	8.782	ppbv	99
70) n-Butylbenzene	18.551	91	6800773	8.974	ppbv	100
71) 2-Chlorotoluene	15.458	91	5061136	9.025	ppbv	99
72) 4-Ethyltoluene	15.841	105	5832002	9.049	ppbv	99
73) 1,3,5-Trimethylbenzene	16.002	105	5266532	8.779	ppbv	98
74) 1,2,4-Trimethylbenzene	16.767	105	5521408	8.661	ppbv	94
75) 1,3-Dichlorobenzene	17.002	146	3367908	8.777	ppbv	98
76) 1,4-Dichlorobenzene	17.140	146	3224175	8.341	ppbv	97
77) 1,2-Dichlorobenzene	17.818	146	3235670	8.563	ppbv	100
78) Hexachloro-1,3-Butadiene	23.377	225	2747191	8.745	ppbv	99
79) Naphthalene	22.194	128	5112771	11.985	ppbv	99
80) Naphthalene,2-methyl-	24.969	142	1709497	14.384	ppbv	96
81) 1,2,4-Trichlorobenzene	21.927	180	2837537	10.600	ppbv	100

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



#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.671 min Scan# 897
Delta R.T. 0.022 min
Lab File: VL037565.D
Acq: 8 Sep 2021 10:19

Instrument :
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ClientSampleId :
VL0908ABS01

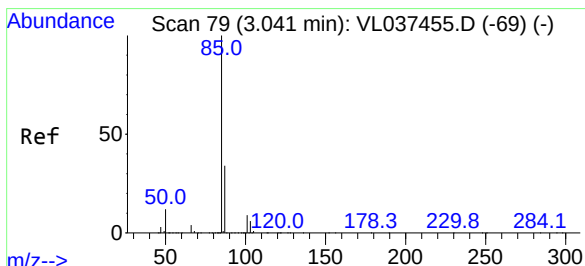
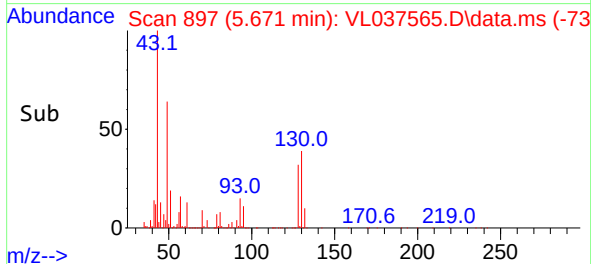
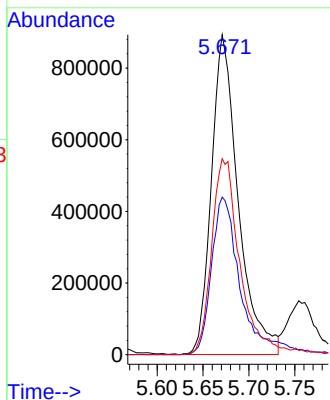


Tgt Ion: 49 Resp: 1813846

Ion	Ratio	Lower	Upper
49	100		
128	54.7	27.5	82.4
130	65.7	34.0	101.8

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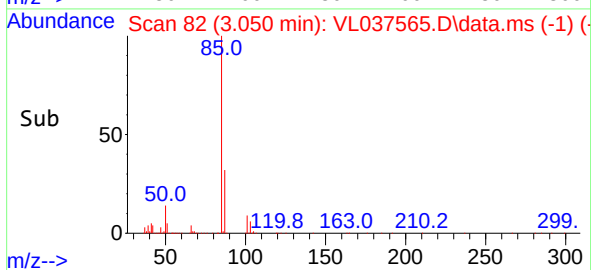
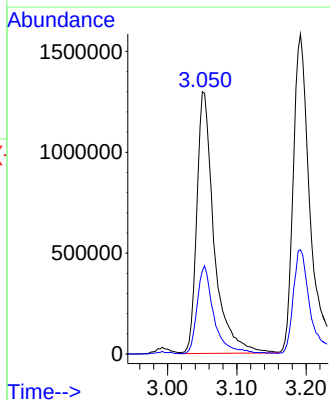
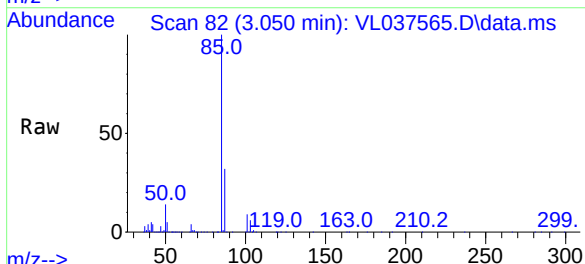
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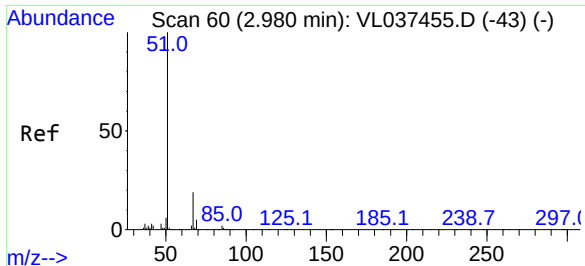


#2
Dichlorodifluoromethane
Concen: 7.712 ppbv
RT: 3.050 min Scan# 82
Delta R.T. 0.009 min
Lab File: VL037565.D
Acq: 8 Sep 2021 10:19

Tgt Ion: 85 Resp: 2244350

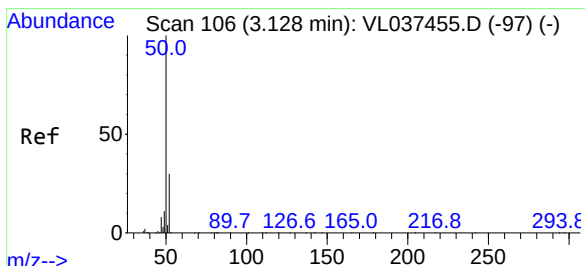
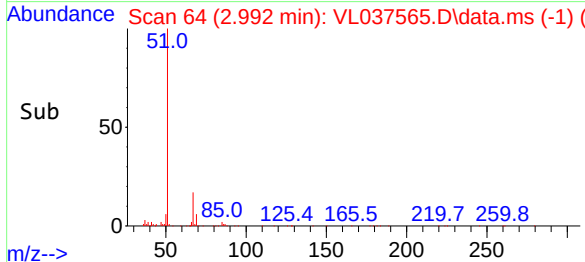
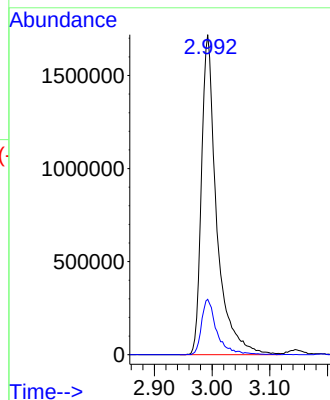
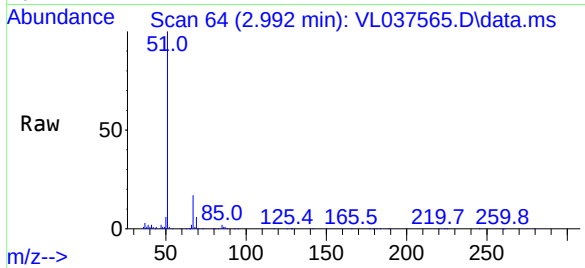
Ion	Ratio	Lower	Upper
85	100		
87	31.7	27.6	41.4





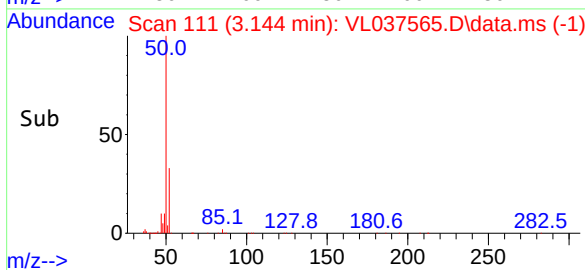
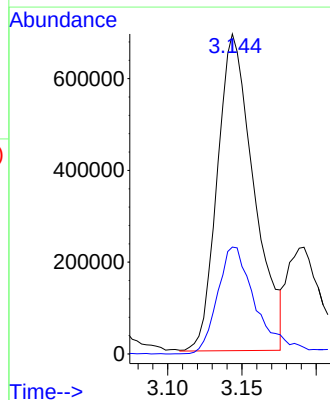
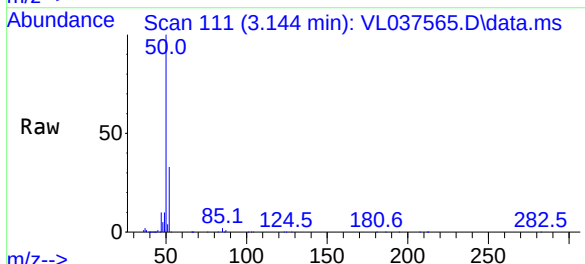
#3
Chlorodifluoromethane
Concen: 9.048 ppbv
RT: 2.992 min Scan# 64
Delta R.T. 0.013 min
Lab File: VL037565.D
Acq: 8 Sep 2021 10:19

Tgt Ion: 51 Resp: 3142729
Ion Ratio Lower Upper
51 100
67 17.5 14.2 21.2



#4
Chloromethane
Concen: 9.548 ppbv
RT: 3.144 min Scan# 111
Delta R.T. 0.016 min
Lab File: VL037565.D
Acq: 8 Sep 2021 10:19

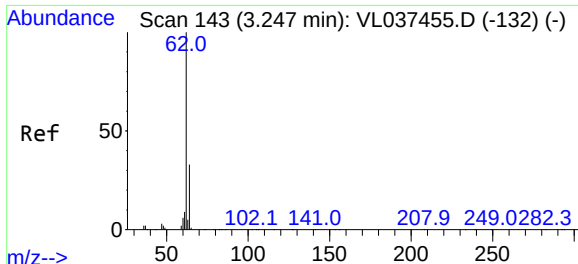
Tgt Ion: 50 Resp: 1185119
Ion Ratio Lower Upper
50 100
52 33.7 24.0 36.0



Instrument :
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ClientSampleId :
VL0908ABS01

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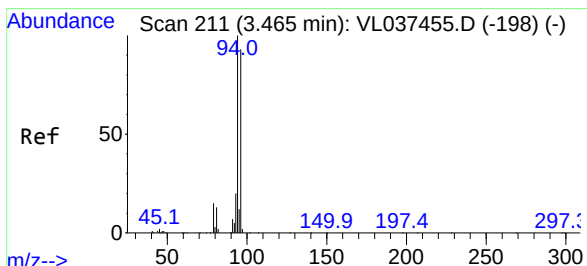
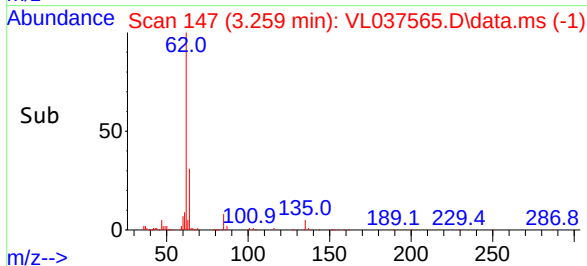
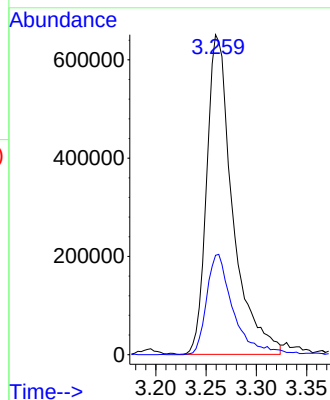
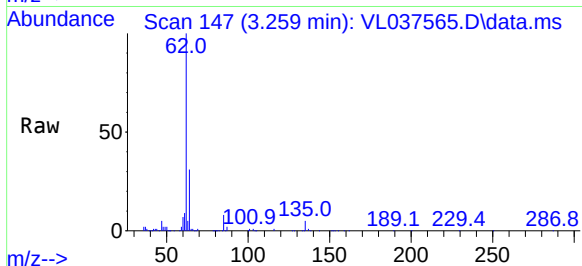
#5
 Vinyl Chloride
 Concen: 9.175 ppbv
 RT: 3.259 min Scan# 147
 Delta R.T. 0.013 min
 Lab File: VL037565.D
 Acq: 8 Sep 2021 10:19

Tgt Ion: 62 Resp: 1166739
 Ion Ratio Lower Upper
 62 100
 64 31.1 26.5 39.7

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0908ABS01

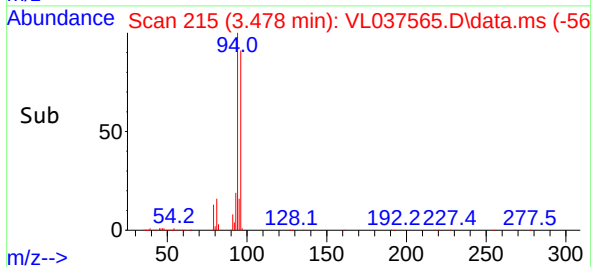
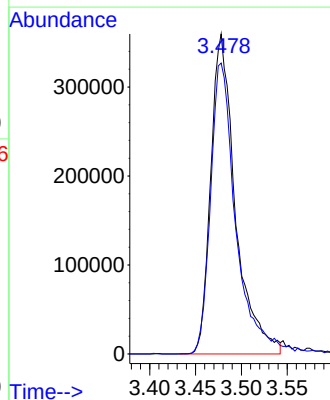
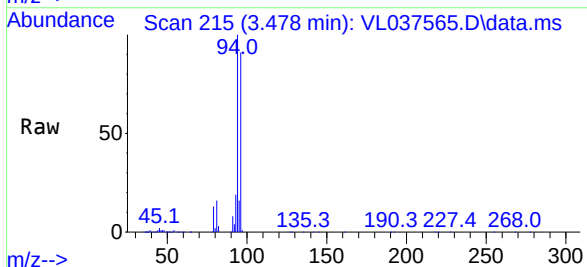
Manual Integrations
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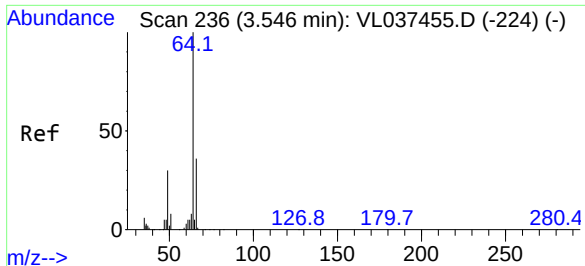
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#6
 Bromomethane
 Concen: 9.661 ppbv
 RT: 3.478 min Scan# 215
 Delta R.T. 0.013 min
 Lab File: VL037565.D
 Acq: 8 Sep 2021 10:19

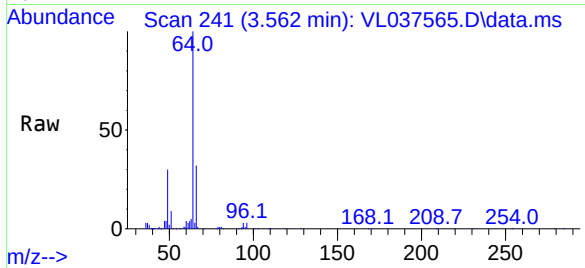
Tgt Ion: 94 Resp: 672917
 Ion Ratio Lower Upper
 94 100
 96 90.9 74.5 111.7





#7
Chloroethane
Concen: 9.138 ppbv
RT: 3.562 min Scan# 241
Delta R.T. 0.016 min
Lab File: VL037565.D
Acq: 8 Sep 2021 10:19

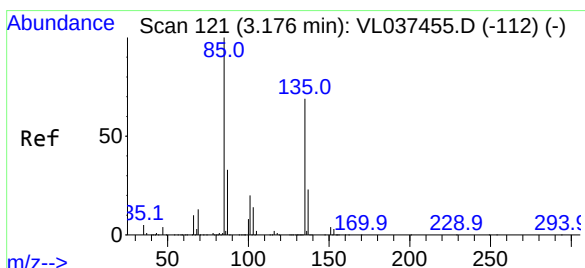
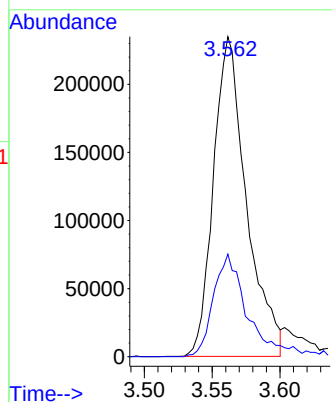
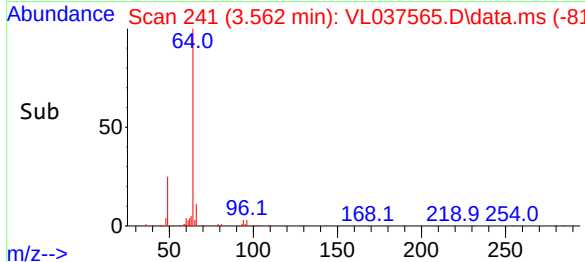
Instrument :
MSVOA_L
ClientSampleId :
VL0908ABS01



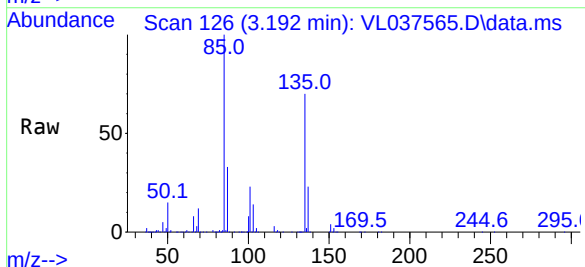
Tgt Ion: 64 Resp: 396583
Ion Ratio Lower Upper
64 100
66 32.1 28.6 43.0

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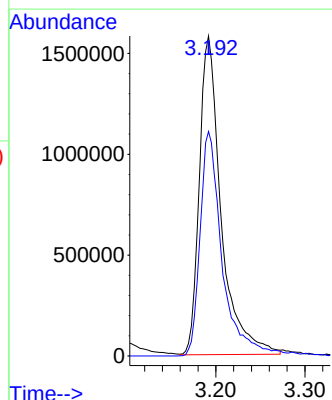
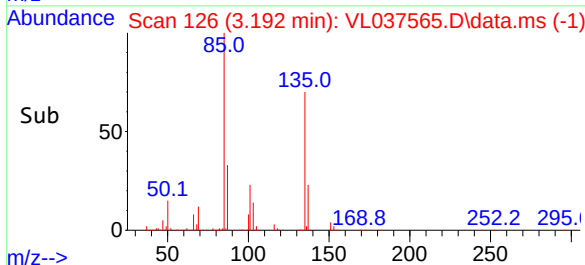
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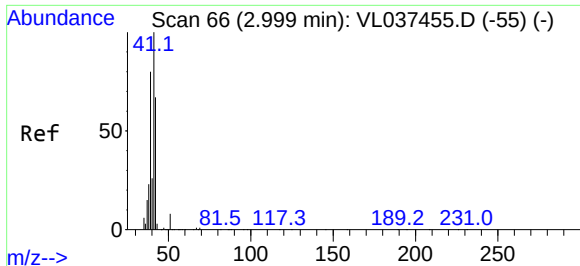


#8
Dichlorotetrafluoroethane
Concen: 8.932 ppbv
RT: 3.192 min Scan# 126
Delta R.T. 0.016 min
Lab File: VL037565.D
Acq: 8 Sep 2021 10:19



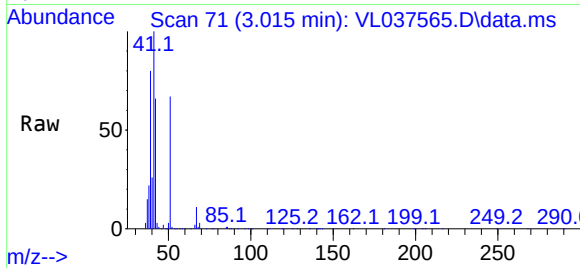
Tgt Ion: 85 Resp: 2683645
Ion Ratio Lower Upper
85 100
135 72.5 58.8 88.2





#9
Propene
Concen: 9.199 ppbv
RT: 3.015 min Scan# 71
Delta R.T. 0.016 min
Lab File: VL037565.D
Acq: 8 Sep 2021 10:19

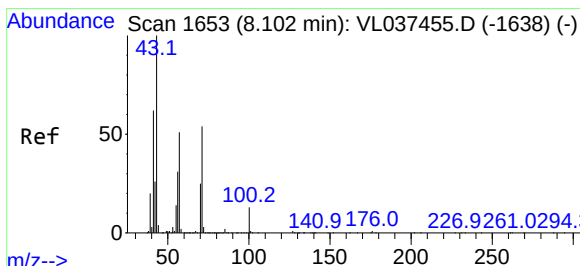
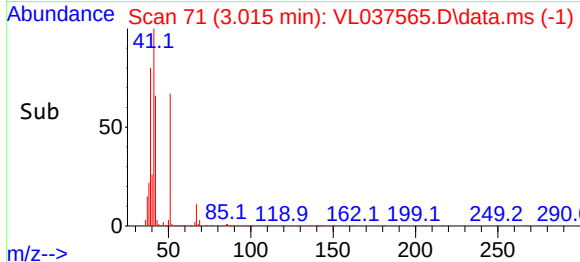
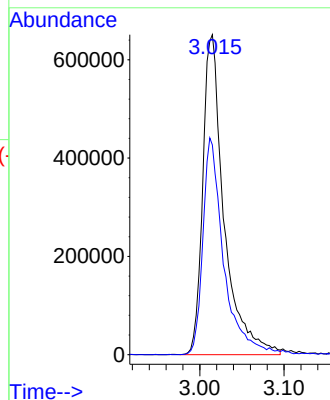
Instrument :
MSVOA_L
ClientSampleId :
VL0908ABS01



Tgt Ion: 41 Resp: 1143151
Ion Ratio Lower Upper
41 100
42 67.2 53.7 80.5

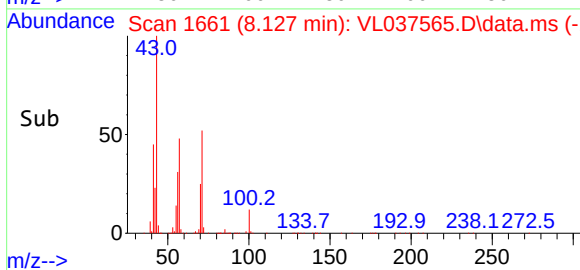
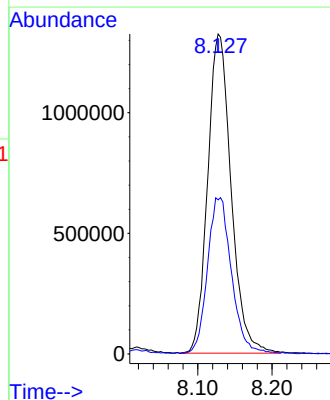
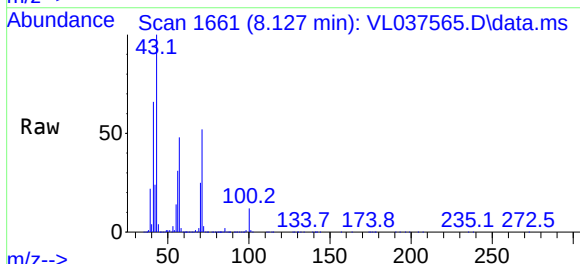
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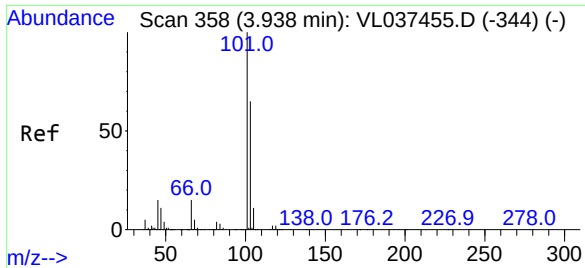
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#10
Heptane
Concen: 10.144 ppbv
RT: 8.127 min Scan# 1661
Delta R.T. 0.025 min
Lab File: VL037565.D
Acq: 8 Sep 2021 10:19

Tgt Ion: 43 Resp: 2901822
Ion Ratio Lower Upper
43 100
57 50.6 41.0 61.6





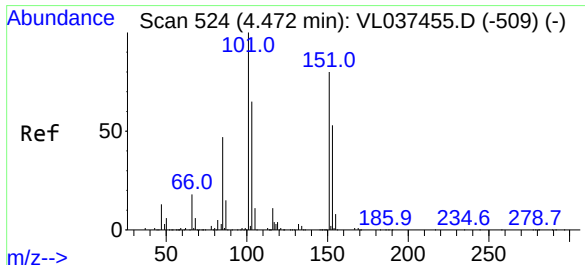
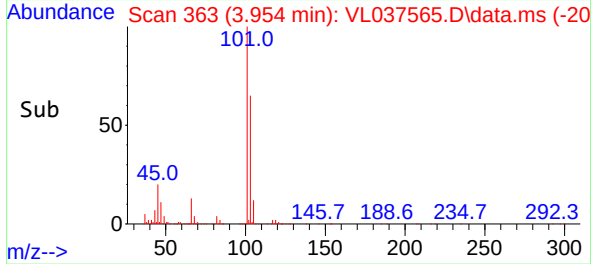
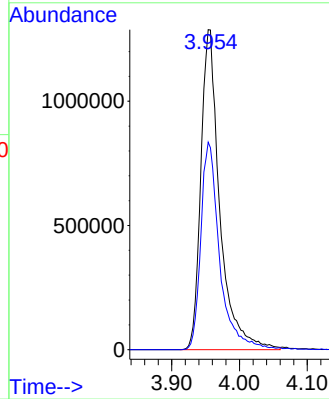
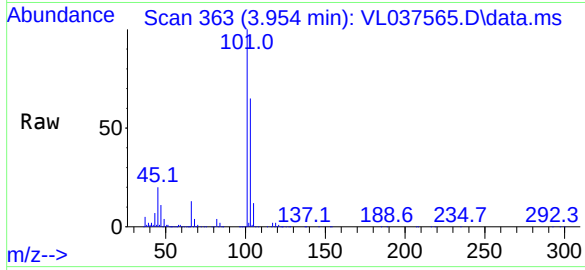
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Trichlorofluoromethane
Concen: 9.138 ppbv
RT: 3.954 min Scan# 363
Delta R.T. 0.016 min
Lab File: VL037565.D
Acq: 8 Sep 2021 10:19

Instrument :
MSVOA_L
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VL0908ABS01

Tgt Ion:101 Resp: 2496496
Ion Ratio Lower Upper
101 100
103 64.8 51.8 77.6

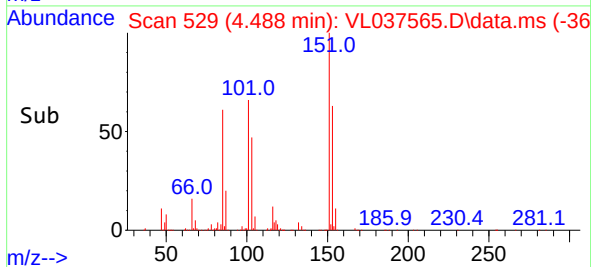
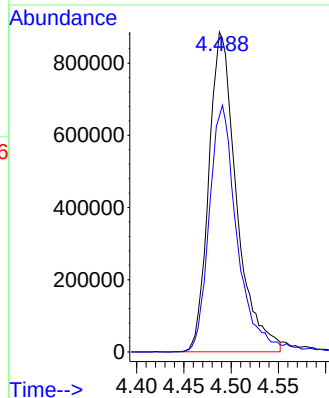
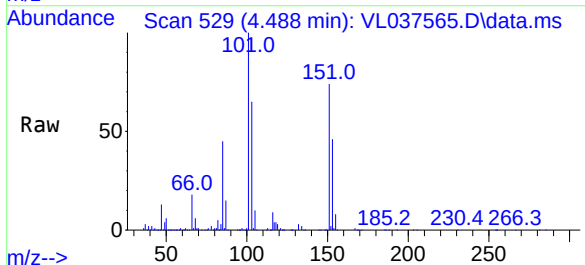
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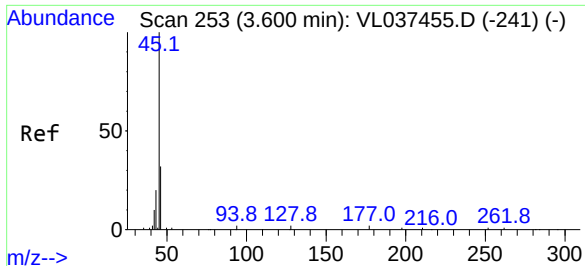
MMDadoda
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#12
1,1,2-Trichlorotrifluoroethane
Concen: 9.007 ppbv
RT: 4.488 min Scan# 529
Delta R.T. 0.016 min
Lab File: VL037565.D
Acq: 8 Sep 2021 10:19

Tgt Ion:101 Resp: 1805653
Ion Ratio Lower Upper
101 100
151 79.0 63.7 95.5





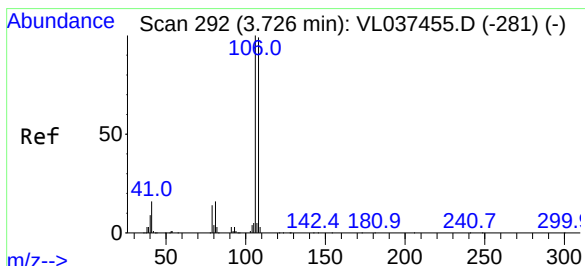
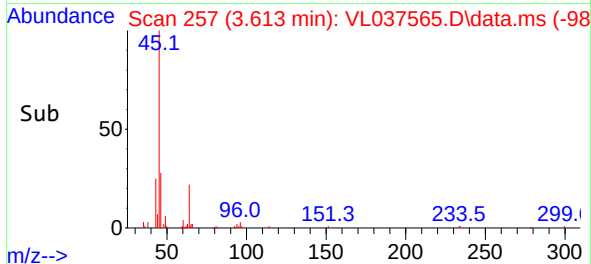
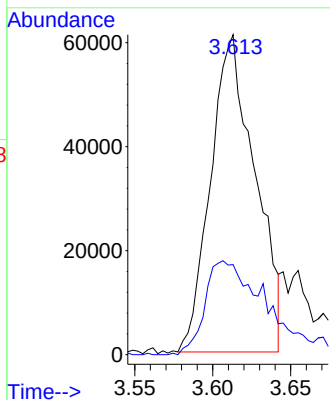
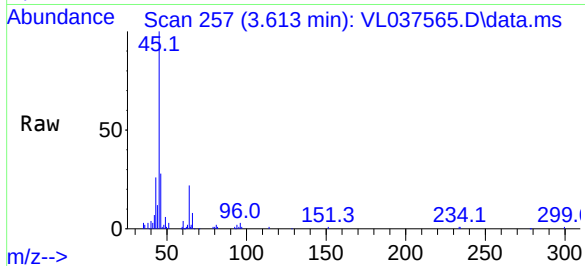
#13
Ethanol
Concen: 10.006 ppbv
RT: 3.613 min Scan# 257
Delta R.T. 0.013 min
Lab File: VL037565.D
Acq: 8 Sep 2021 10:19

Tgt Ion: 45 Resp: 120996
Ion Ratio Lower Upper
45 100
46 45.7 14.1 56.5

Instrument :
MSVOA_L
ClientSampleId :
VL0908ABS01

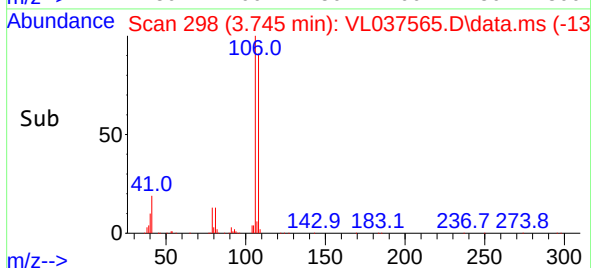
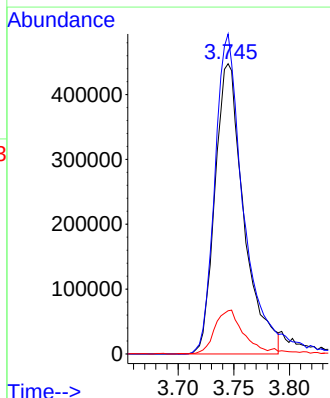
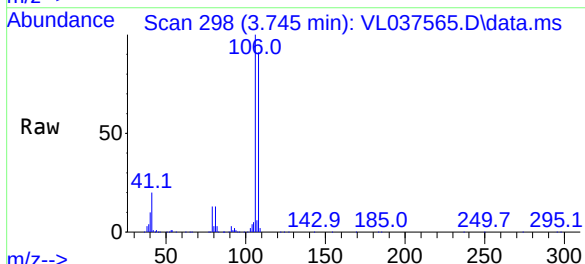
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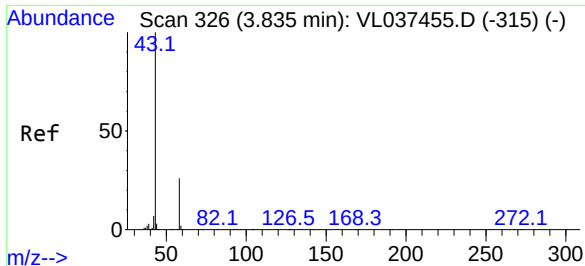
MMDadoda
9/10/2021 10:52:09 AM



#14
Bromoethene
Concen: 8.860 ppbv
RT: 3.745 min Scan# 298
Delta R.T. 0.019 min
Lab File: VL037565.D
Acq: 8 Sep 2021 10:19

Tgt Ion:108 Resp: 806366
Ion Ratio Lower Upper
108 100
106 113.7 85.8 128.8
79 16.2 12.6 18.8





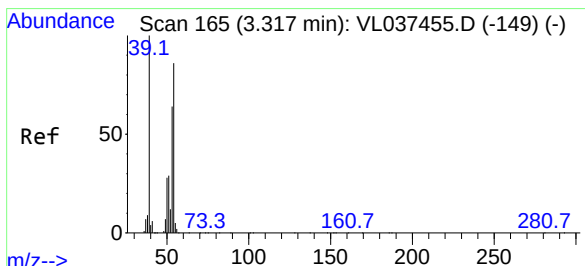
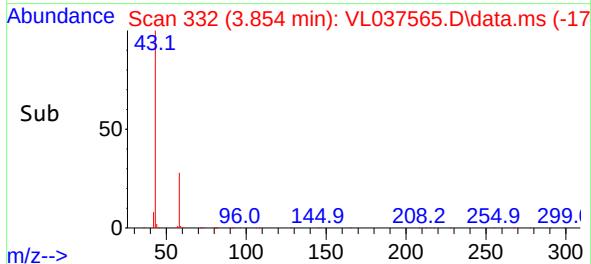
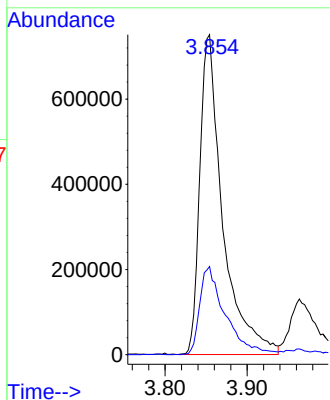
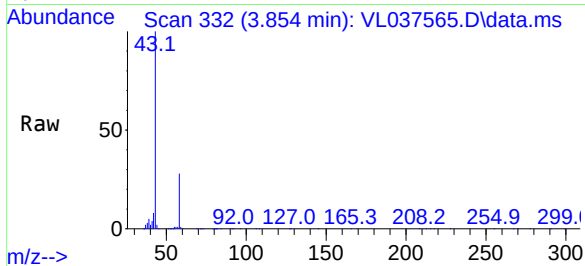
#15
Acetone
Concen: 7.874 ppbv
RT: 3.854 min Scan# 332
Delta R.T. 0.019 min
Lab File: VL037565.D
Acq: 8 Sep 2021 10:19

Instrument :
MSVOA_L
ClientSampleId :
VL0908ABS01

Tgt Ion: 43 Resp: 1453491
Ion Ratio Lower Upper
43 100
58 30.5 24.8 37.2

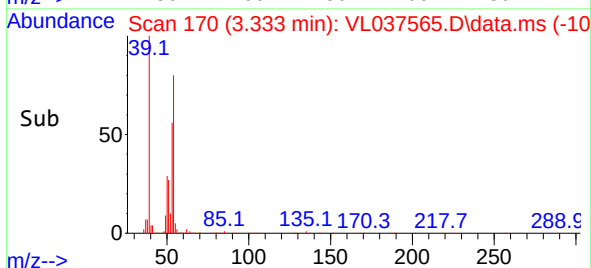
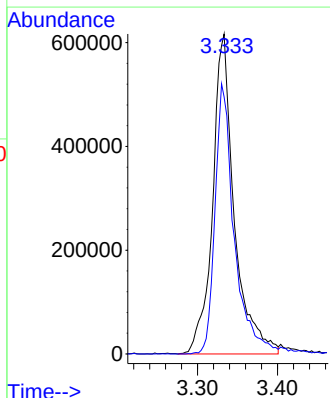
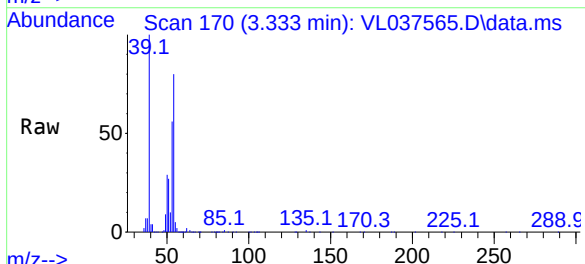
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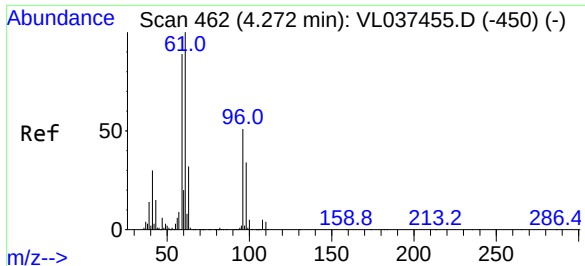
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#16
1,3-Butadiene
Concen: 9.781 ppbv
RT: 3.333 min Scan# 170
Delta R.T. 0.016 min
Lab File: VL037565.D
Acq: 8 Sep 2021 10:19

Tgt Ion: 39 Resp: 1158233
Ion Ratio Lower Upper
39 100
54 76.5 63.7 95.5





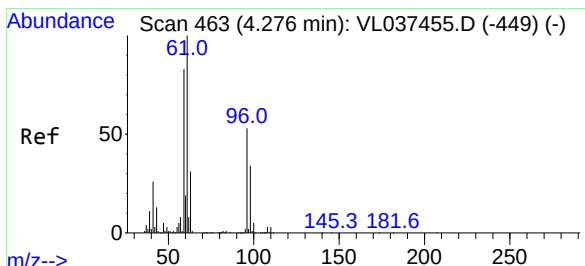
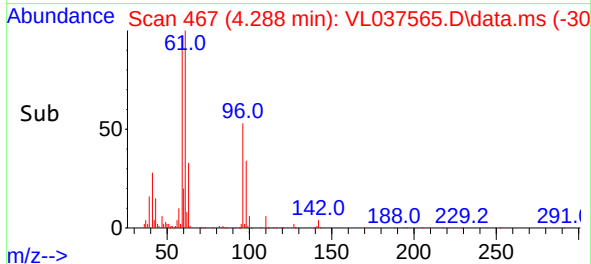
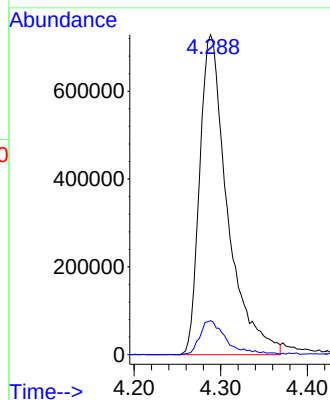
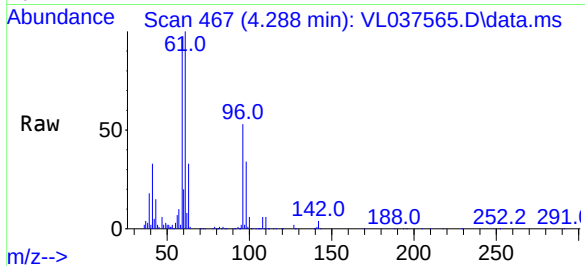
#17
tert-Butyl alcohol
Concen: 9.606 ppbv
RT: 4.288 min Scan# 467
Delta R.T. 0.016 min
Lab File: VL037565.D
Acq: 8 Sep 2021 10:19

Tgt Ion: 59 Resp: 1619801
Ion Ratio Lower Upper
59 100
57 10.2 8.3 12.5

Instrument :
MSVOA_L
ClientSampleId :
VL0908ABS01

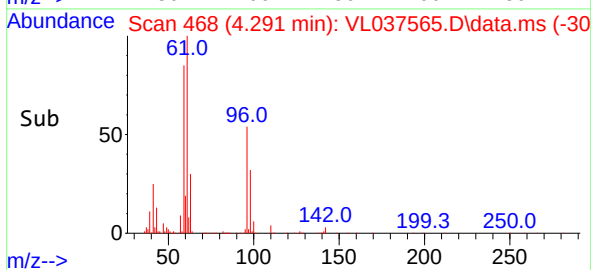
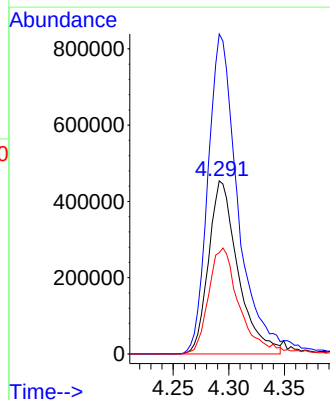
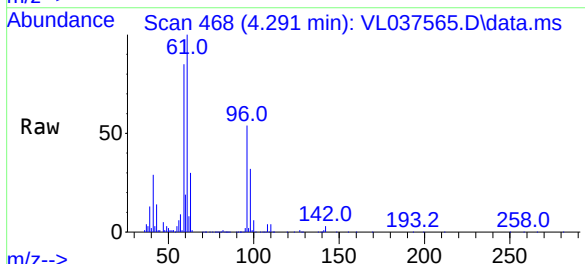
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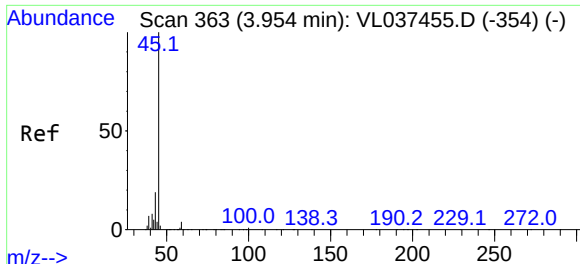
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#18
1,1-Dichloroethene
Concen: 9.189 ppbv
RT: 4.291 min Scan# 468
Delta R.T. 0.016 min
Lab File: VL037565.D
Acq: 8 Sep 2021 10:19

Tgt Ion: 96 Resp: 836727
Ion Ratio Lower Upper
96 100
61 184.7 151.1 226.7
98 58.5 51.8 77.8





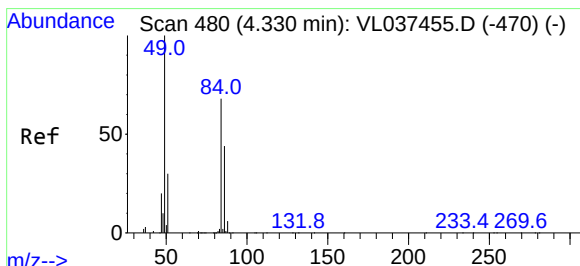
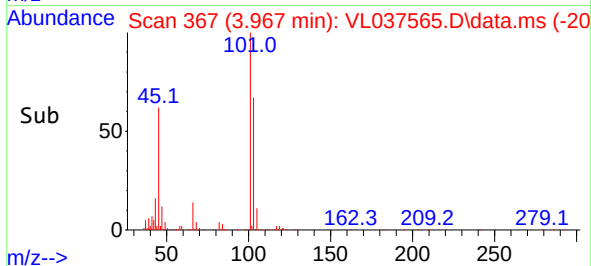
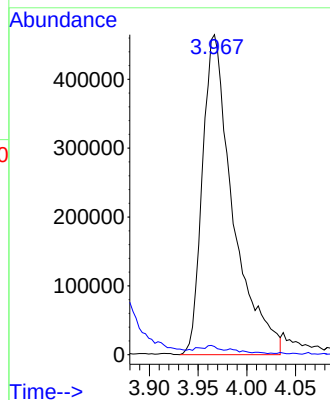
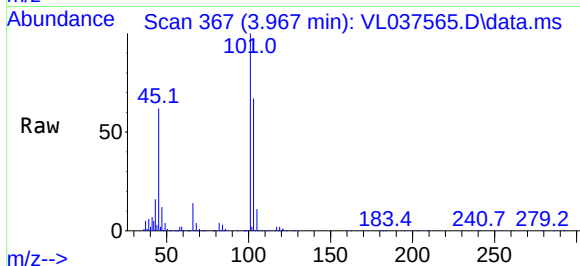
#19
Isopropyl Alcohol
Concen: 9.572 ppbv
RT: 3.967 min Scan# 367
Delta R.T. 0.013 min
Lab File: VL037565.D
Acq: 8 Sep 2021 10:19

Instrument :
MSVOA_L
ClientSampleId :
VL0908ABS01

Tgt Ion: 45 Resp: 1012305
Ion Ratio Lower Upper
45 100
58 3.2 1.4 2.2#

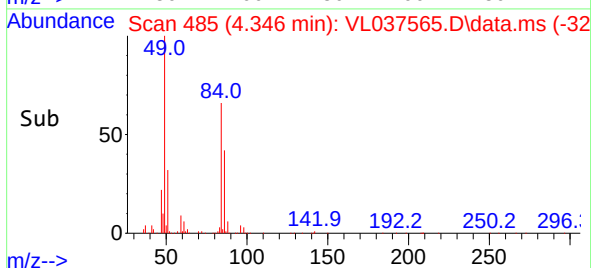
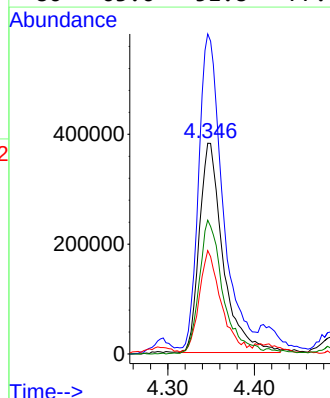
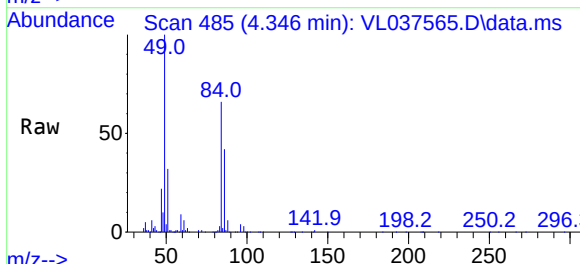
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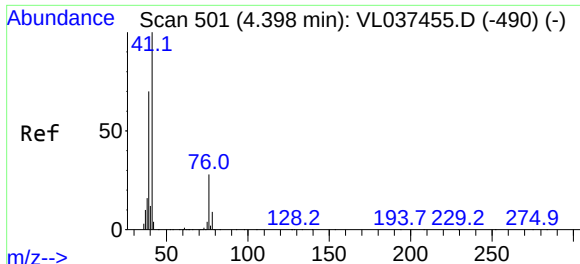
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#20
Methylene Chloride
Concen: 7.862 ppbv
RT: 4.346 min Scan# 485
Delta R.T. 0.016 min
Lab File: VL037565.D
Acq: 8 Sep 2021 10:19

Tgt Ion: 84 Resp: 726628
Ion Ratio Lower Upper
84 100
49 150.0 118.2 177.2
51 48.4 36.6 55.0
86 63.6 51.8 77.6





#21
 Allyl Chloride
 Concen: 8.944 ppbv
 RT: 4.417 min Scan# 507
 Delta R.T. 0.019 min
 Lab File: VL037565.D
 Acq: 8 Sep 2021 10:19

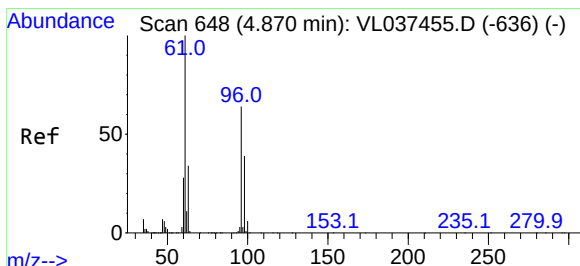
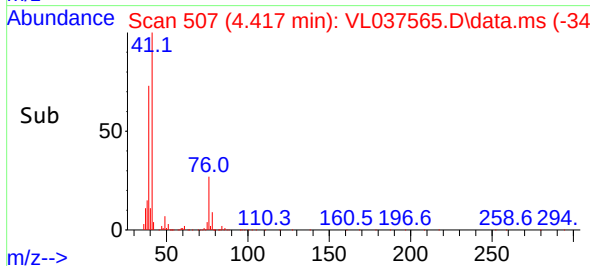
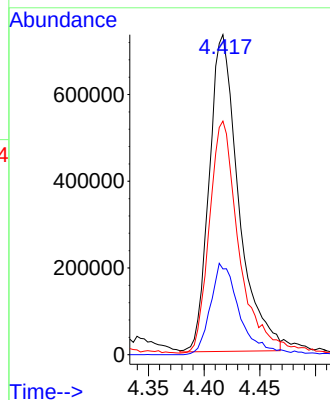
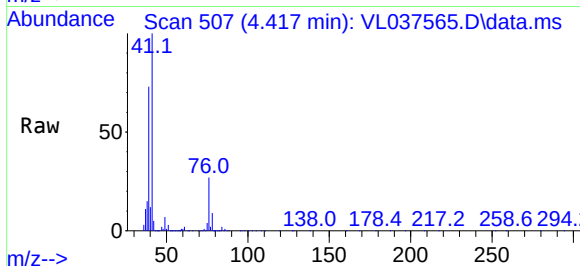
Tgt Ion: 41 Resp: 1340993

Ion	Ratio	Lower	Upper
41	100		
76	29.1	21.8	32.6
39	75.5	56.8	85.2

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0908ABS01

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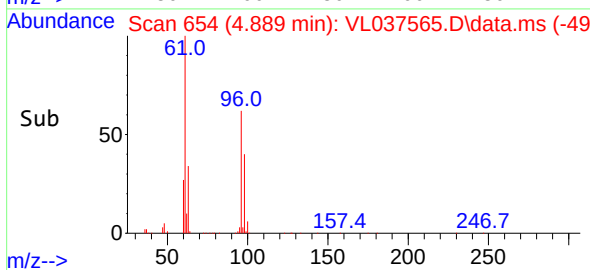
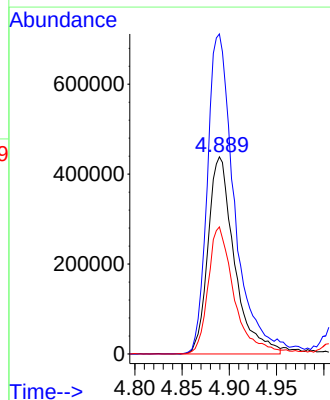
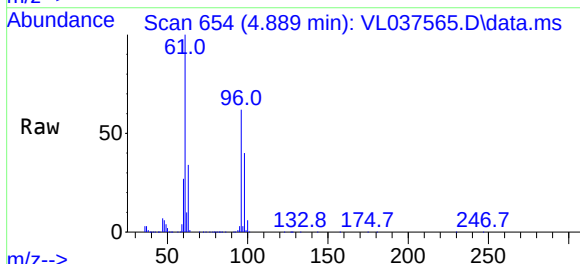
MMDadoda
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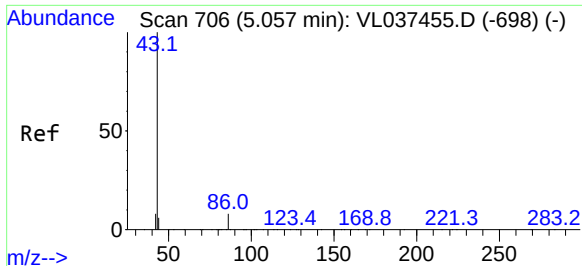


#22
 trans-1,2-Dichloroethene
 Concen: 9.392 ppbv
 RT: 4.889 min Scan# 654
 Delta R.T. 0.019 min
 Lab File: VL037565.D
 Acq: 8 Sep 2021 10:19

Tgt Ion: 96 Resp: 853253

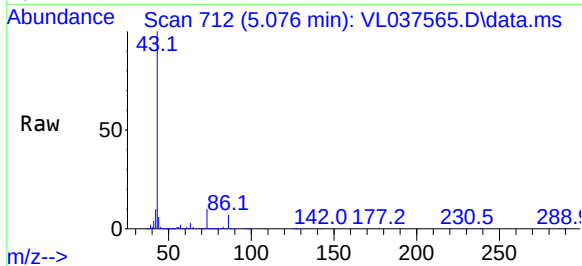
Ion	Ratio	Lower	Upper
96	100		
61	162.3	125.5	188.3
98	64.2	49.0	73.4





#23
 Vinyl Acetate
 Concen: 10.264 ppbv
 RT: 5.076 min Scan# 712
 Delta R.T. 0.019 min
 Lab File: VL037565.D
 Acq: 8 Sep 2021 10:19

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0908ABS01

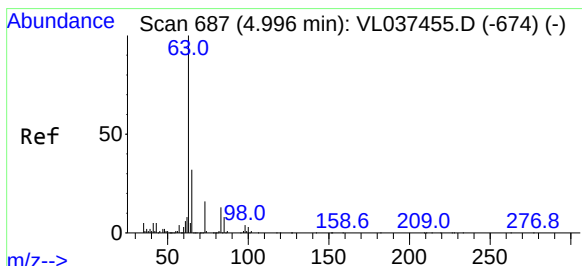
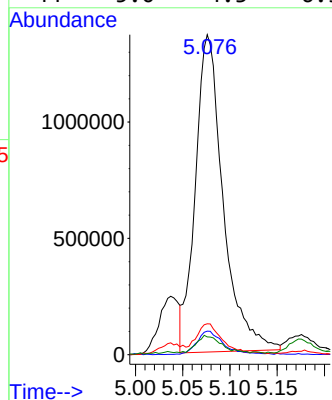
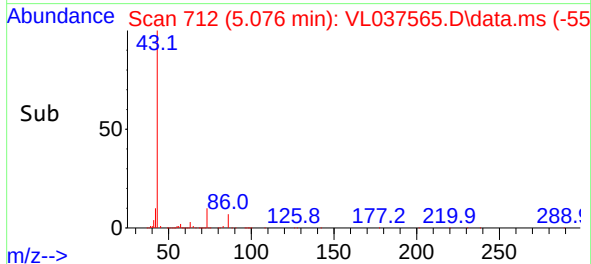


Tgt Ion: 43 Resp: 2792907

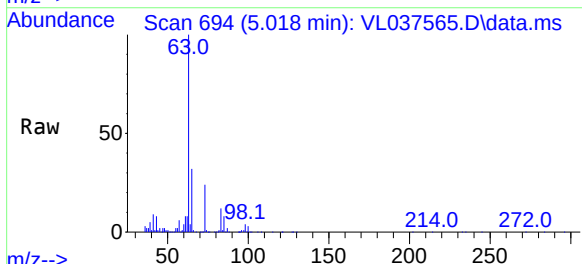
Ion	Ratio	Lower	Upper
43	100		
86	7.4	5.7	8.5
42	9.5	7.4	11.2
44	5.0	4.3	6.5

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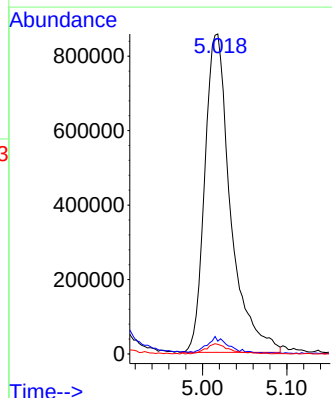
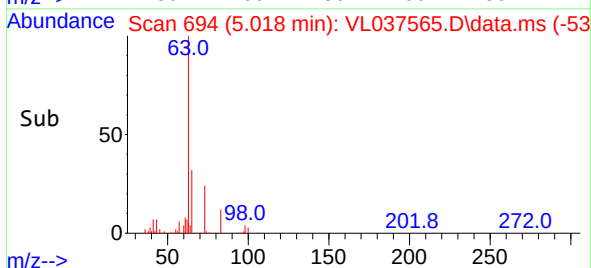


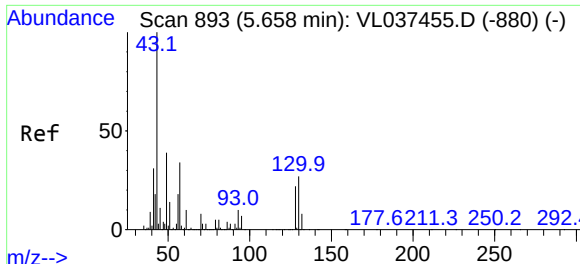
#24
 1,1-Dichloroethane
 Concen: 9.211 ppbv
 RT: 5.018 min Scan# 694
 Delta R.T. 0.022 min
 Lab File: VL037565.D
 Acq: 8 Sep 2021 10:19



Tgt Ion: 63 Resp: 1817761

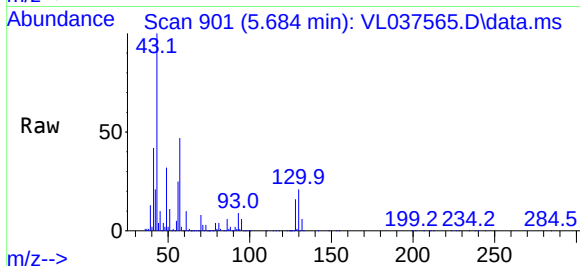
Ion	Ratio	Lower	Upper
63	100		
98	3.7	2.1	6.3
100	3.0	1.6	4.7





#25
Ethyl Acetate
Concen: 9.513 ppbv
RT: 5.684 min Scan# 901
Delta R.T. 0.025 min
Lab File: VL037565.D
Acq: 8 Sep 2021 10:19

Instrument :
MSVOA_L
ClientSampleId :
VL0908ABS01

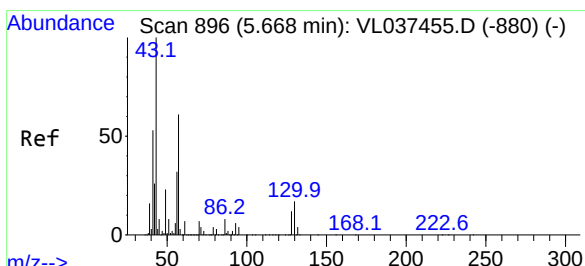
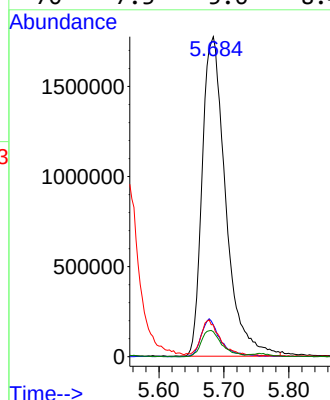
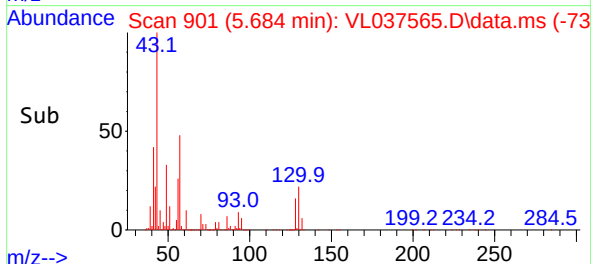


Tgt Ion: 43 Resp: 4458028

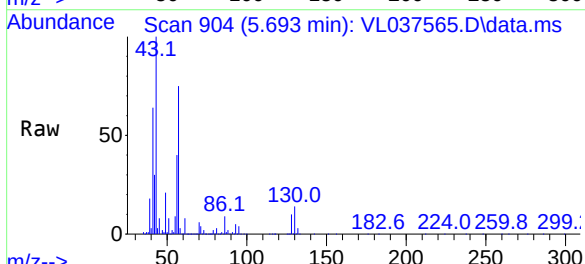
Ion	Ratio	Lower	Upper
43	100		
45	9.8	8.0	12.0
61	10.3	8.0	12.0
70	7.3	5.6	8.4

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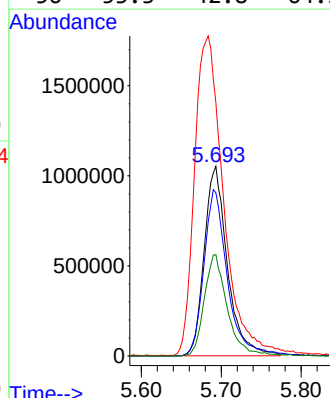
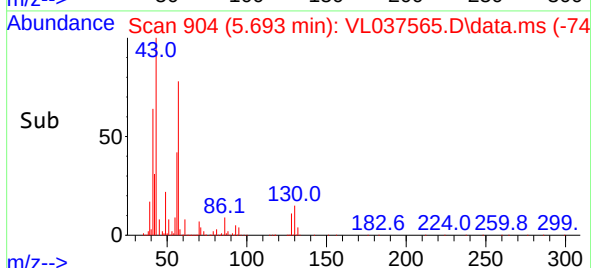


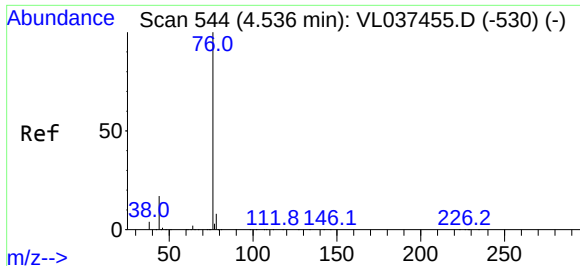
#26
Hexane
Concen: 9.266 ppbv
RT: 5.693 min Scan# 904
Delta R.T. 0.025 min
Lab File: VL037565.D
Acq: 8 Sep 2021 10:19



Tgt Ion: 57 Resp: 2123061

Ion	Ratio	Lower	Upper
57	100		
41	89.2	72.3	108.5
43	212.6	172.3	258.5
56	53.3	42.8	64.2





#27
Carbon Disulfide
Concen: 9.928 ppbv
RT: 4.555 min Scan# 550
Delta R.T. 0.019 min
Lab File: VL037565.D
Acq: 8 Sep 2021 10:19

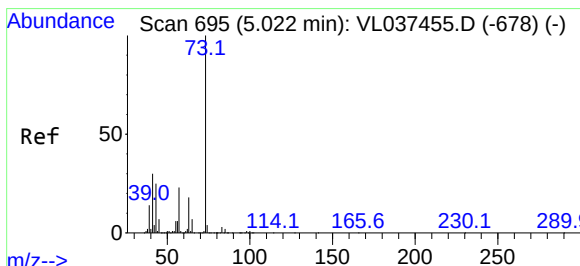
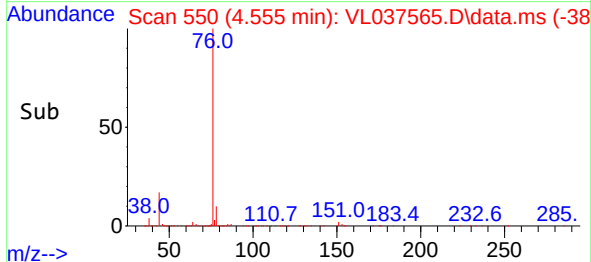
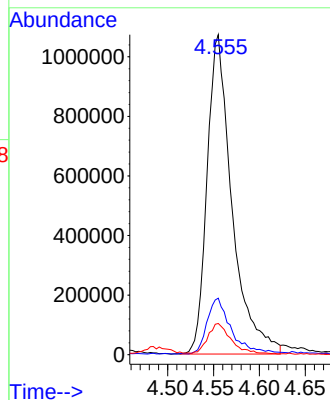
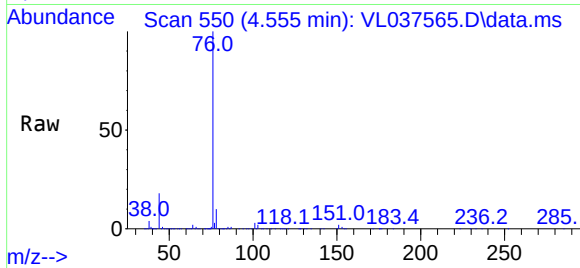
Tgt Ion: 76 Resp: 2027182

Ion	Ratio	Lower	Upper
76	100		
44	17.5	13.9	20.9
78	8.9	7.9	11.9

Instrument :
MSVOA_L
ClientSampleId :
VL0908ABS01

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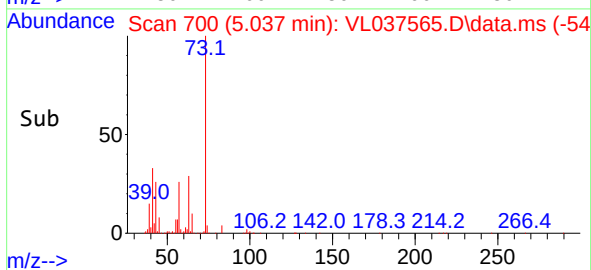
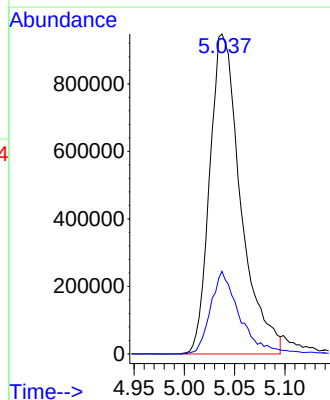
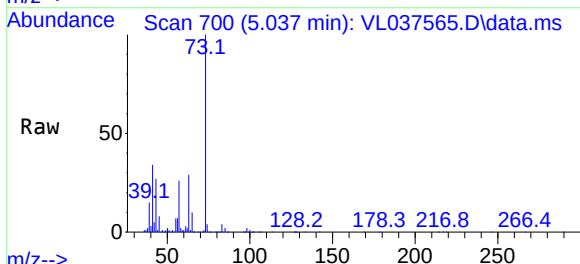
MMDadoda
9/10/2021 10:52:09 AM

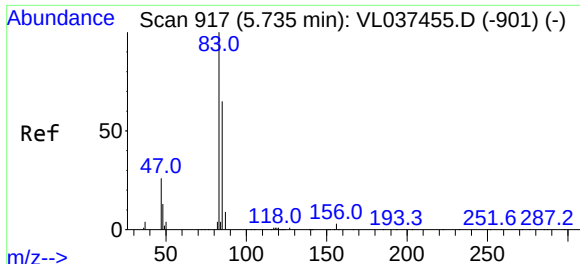


#28
Methyl tert-Butyl Ether
Concen: 9.214 ppbv
RT: 5.037 min Scan# 700
Delta R.T. 0.016 min
Lab File: VL037565.D
Acq: 8 Sep 2021 10:19

Tgt Ion: 73 Resp: 2027699

Ion	Ratio	Lower	Upper
73	100		
57	24.7	19.4	29.2





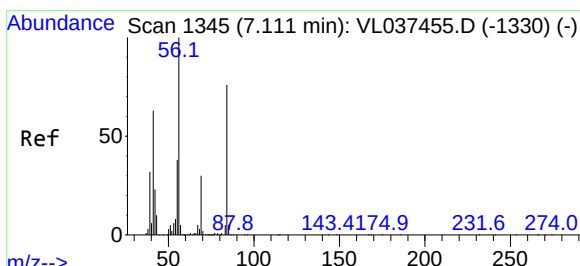
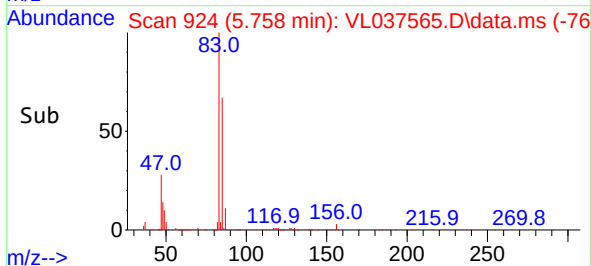
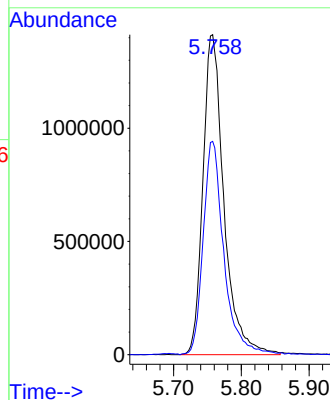
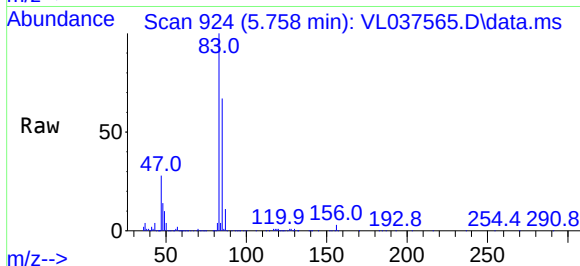
#29
Chloroform
Concen: 9.352 ppbv
RT: 5.758 min Scan# 924
Delta R.T. 0.022 min
Lab File: VL037565.D
Acq: 8 Sep 2021 10:19

Instrument :
MSVOA_L
ClientSampleId :
VL0908ABS01

Tgt Ion: 83 Resp: 3036647
Ion Ratio Lower Upper
83 100
85 66.6 52.3 78.5

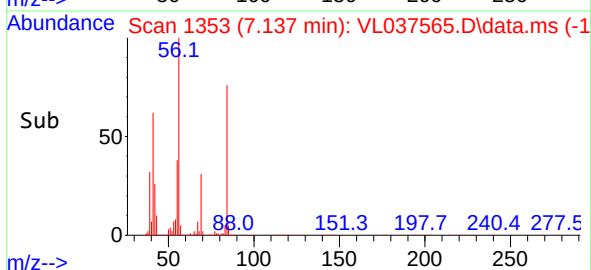
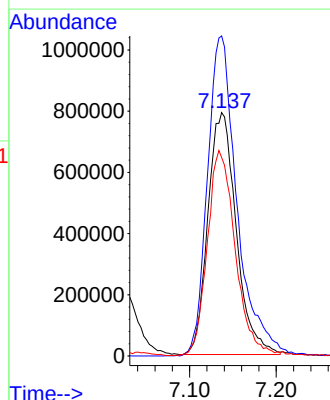
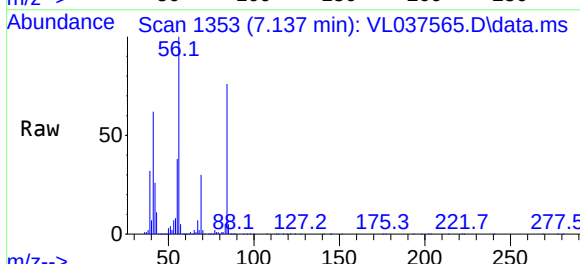
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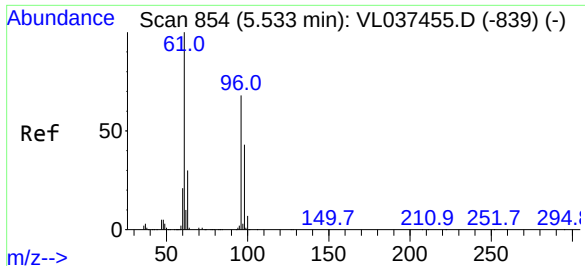
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#30
Cyclohexane
Concen: 9.426 ppbv
RT: 7.137 min Scan# 1353
Delta R.T. 0.025 min
Lab File: VL037565.D
Acq: 8 Sep 2021 10:19

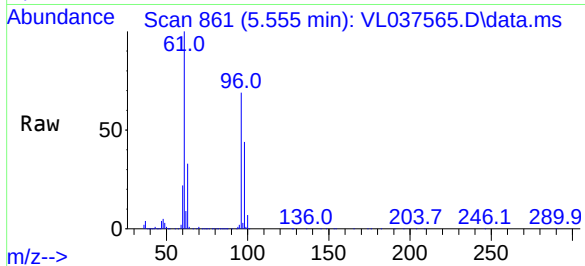
Tgt Ion: 84 Resp: 1799473
Ion Ratio Lower Upper
84 100
56 139.1 110.6 165.8
41 84.7 67.0 100.6





#31
cis-1,2-Dichloroethene
Concen: 9.419 ppbv
RT: 5.555 min Scan# 861
Delta R.T. 0.022 min
Lab File: VL037565.D
Acq: 8 Sep 2021 10:19

Instrument :
MSVOA_L
ClientSampleId :
VL0908ABS01

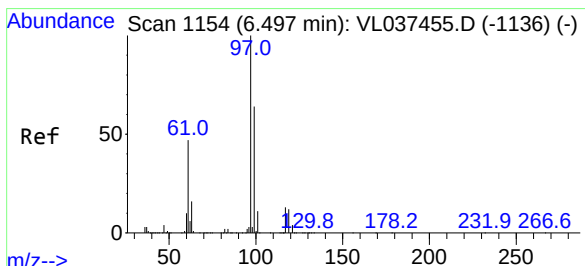
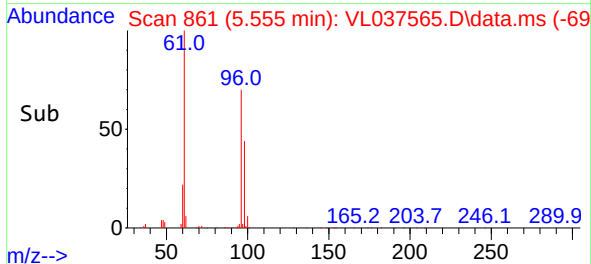
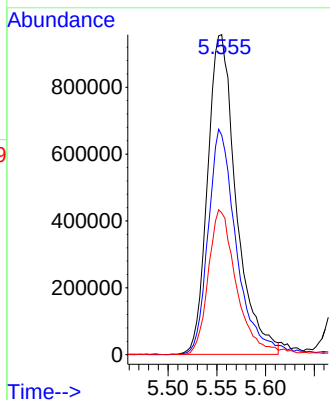


Tgt Ion: 61 Resp: 1953308

Ion	Ratio	Lower	Upper
61	100		
96	68.5	54.8	82.2
98	44.3	34.2	51.2

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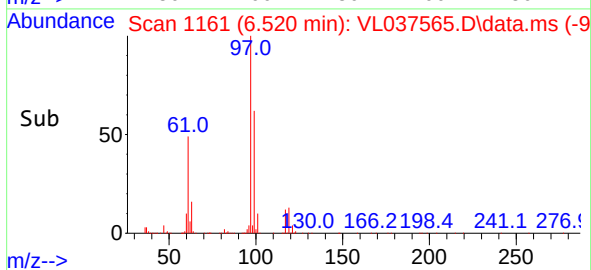
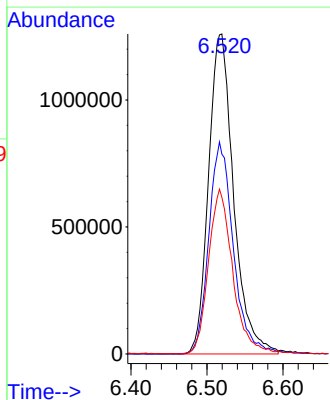
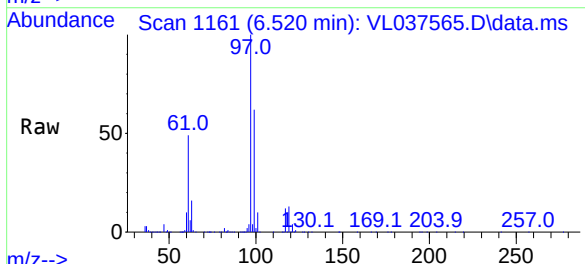
MMDadoda
9/10/2021 10:52:09 AM

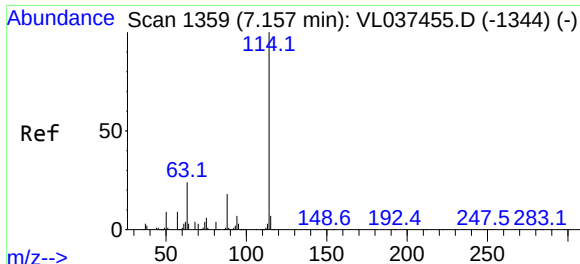


#32
1,1,1-Trichloroethane
Concen: 9.039 ppbv
RT: 6.520 min Scan# 1161
Delta R.T. 0.022 min
Lab File: VL037565.D
Acq: 8 Sep 2021 10:19

Tgt Ion: 97 Resp: 2883942

Ion	Ratio	Lower	Upper
97	100		
99	65.4	51.8	77.6
61	50.1	39.6	59.4





#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.182 min Scan# 1367
Delta R.T. 0.025 min
Lab File: VL037565.D
Acq: 8 Sep 2021 10:19

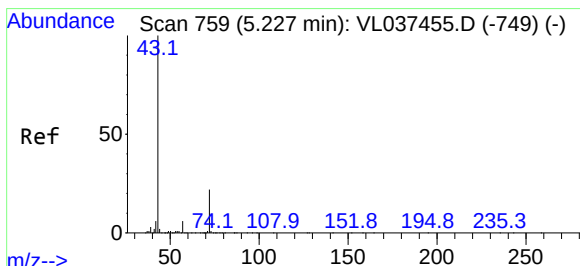
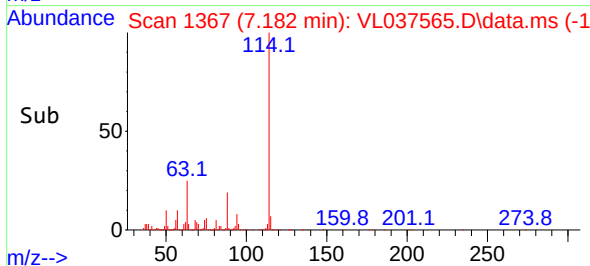
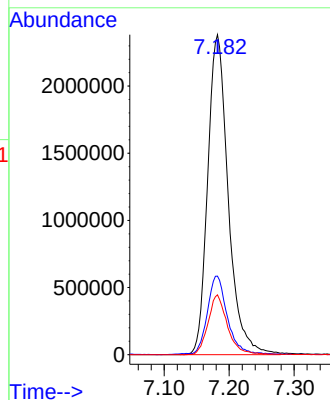
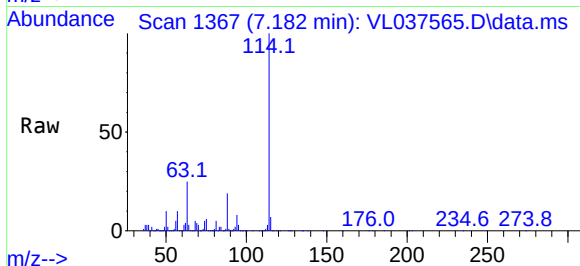
Tgt Ion: 114 Resp: 5235204

Ion	Ratio	Lower	Upper
114	100		
63	24.3	19.3	28.9
88	17.8	14.2	21.4

Instrument :
MSVOA_L
ClientSampleId :
VL0908ABS01

Manual Integrations
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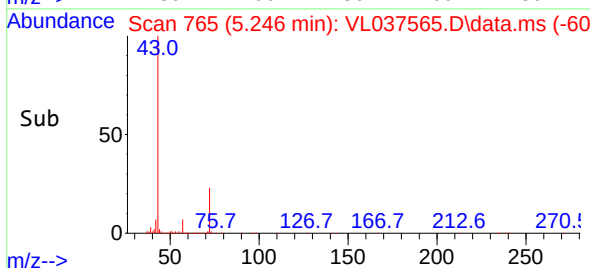
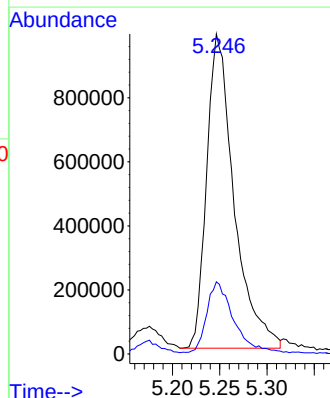
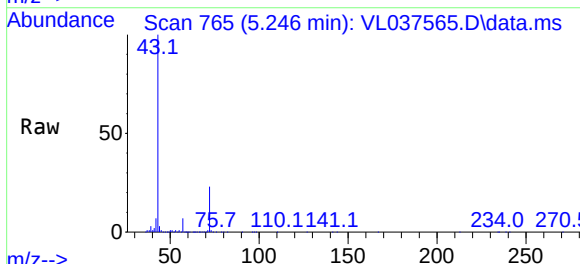
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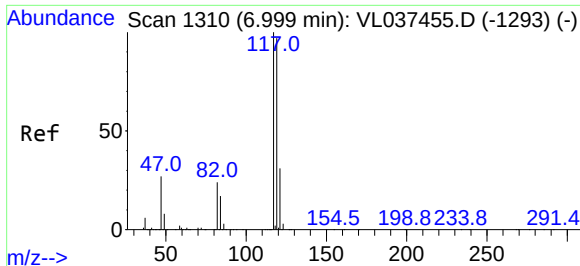


#34
2-Butanone
Concen: 9.231 ppbv
RT: 5.246 min Scan# 765
Delta R.T. 0.019 min
Lab File: VL037565.D
Acq: 8 Sep 2021 10:19

Tgt Ion: 43 Resp: 1973403

Ion	Ratio	Lower	Upper
43	100		
72	23.2	17.4	26.0





#35
Carbon Tetrachloride
Concen: 9.729 ppbv
RT: 7.024 min Scan# 1318
Delta R.T. 0.025 min
Lab File: VL037565.D
Acq: 8 Sep 2021 10:19

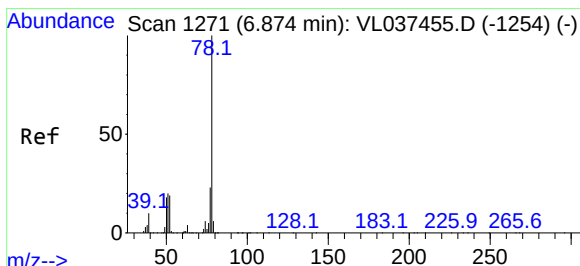
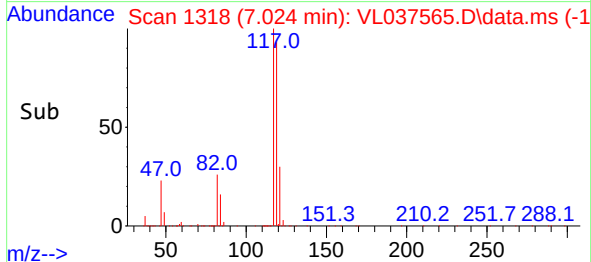
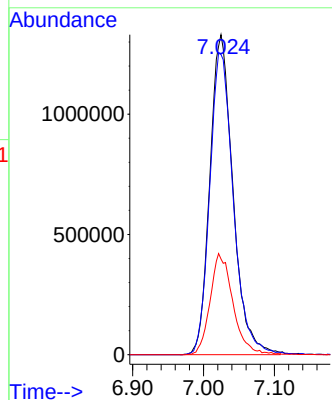
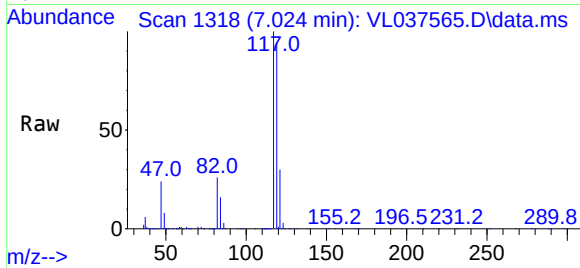
Tgt Ion: 117 Resp: 3010095

Ion	Ratio	Lower	Upper
117	100		
119	93.8	77.3	115.9
121	29.9	25.2	37.8

Instrument :
MSVOA_L
ClientSampleId :
VL0908ABS01

Manual Integrations
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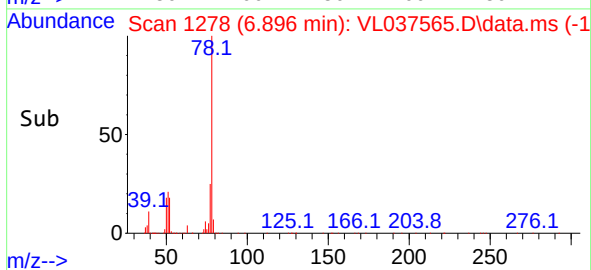
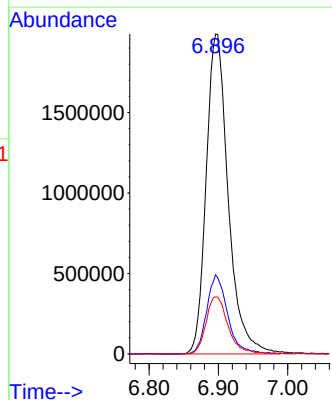
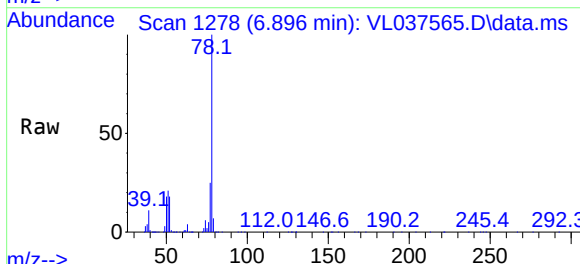
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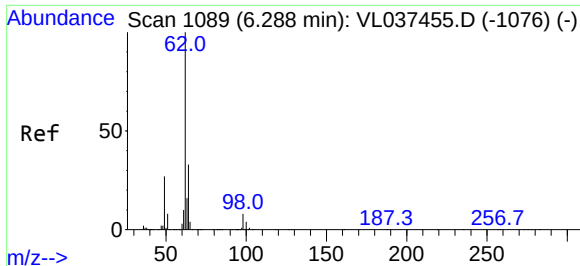


#36
Benzene
Concen: 9.973 ppbv
RT: 6.896 min Scan# 1278
Delta R.T. 0.022 min
Lab File: VL037565.D
Acq: 8 Sep 2021 10:19

Tgt Ion: 78 Resp: 4388910

Ion	Ratio	Lower	Upper
78	100		
77	24.7	18.2	27.4
50	17.8	14.6	21.8





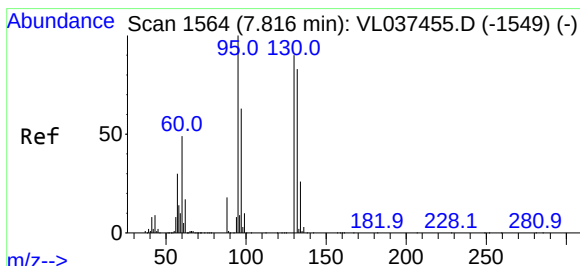
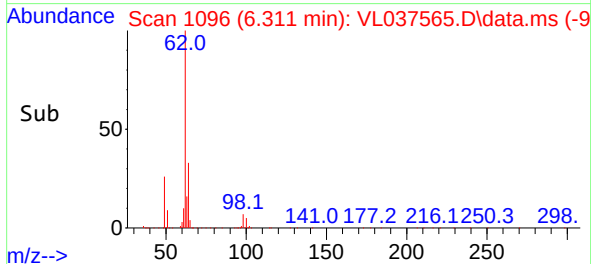
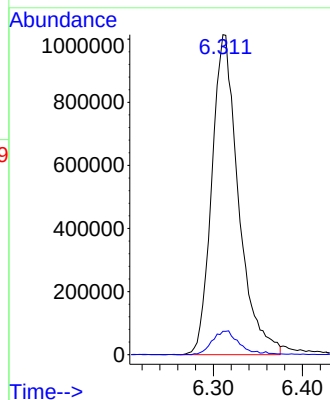
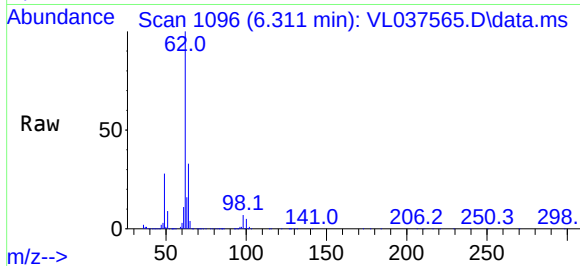
#37
1,2-Dichloroethane
Concen: 9.691 ppbv
RT: 6.311 min Scan# 1096
Delta R.T. 0.022 min
Lab File: VL037565.D
Acq: 8 Sep 2021 10:19

Tgt Ion: 62 Resp: 2112576
Ion Ratio Lower Upper
62 100
98 7.8 6.0 9.0

Instrument :
MSVOA_L
ClientSampleId :
VL0908ABS01

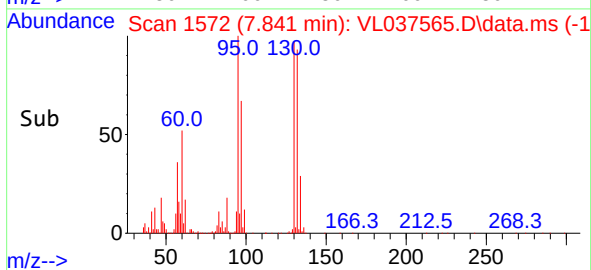
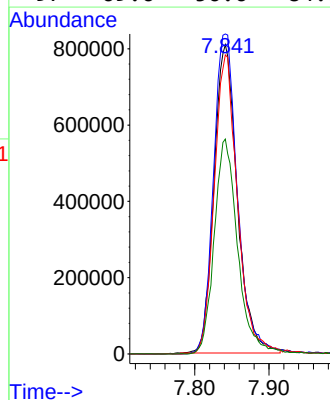
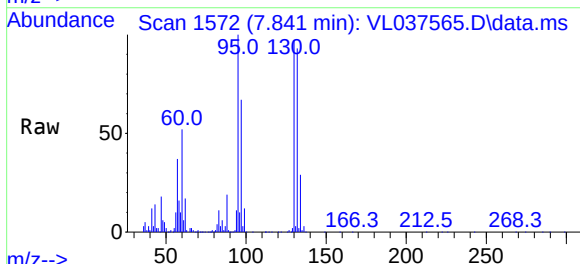
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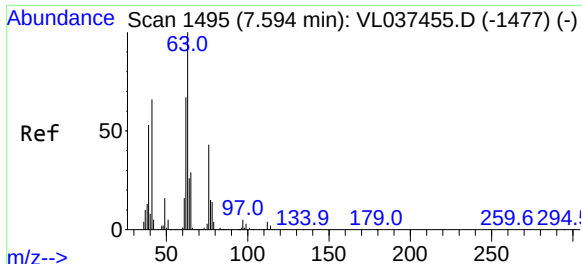
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#38
Trichloroethene
Concen: 9.760 ppbv
RT: 7.841 min Scan# 1572
Delta R.T. 0.025 min
Lab File: VL037565.D
Acq: 8 Sep 2021 10:19

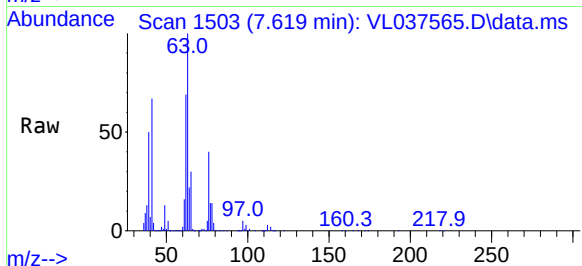
Tgt Ion:130 Resp: 1762411
Ion Ratio Lower Upper
130 100
95 103.8 89.2 133.8
132 97.0 74.0 111.0
97 69.6 56.6 84.8





#39
1,2-Dichloropropane
Concen: 9.960 ppbv
RT: 7.619 min Scan# 1503
Delta R.T. 0.025 min
Lab File: VL037565.D
Acq: 8 Sep 2021 10:19

Instrument :
MSVOA_L
ClientSampleId :
VL0908ABS01

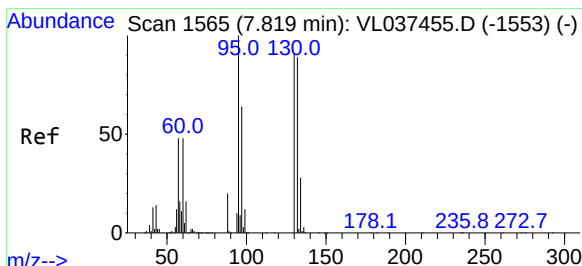
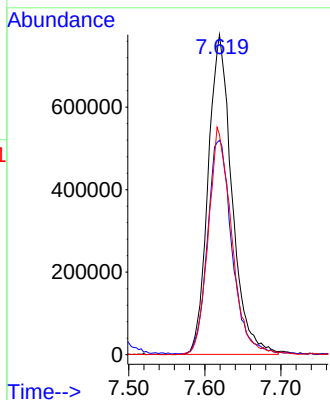
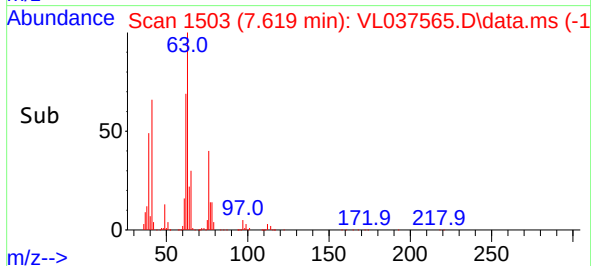


Tgt Ion: 63 Resp: 1684272

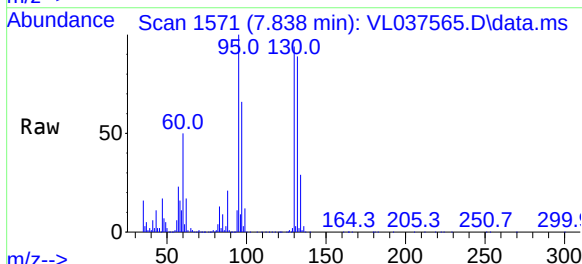
Ion	Ratio	Lower	Upper
63	100		
41	66.8	52.4	78.6
62	68.7	53.6	80.4

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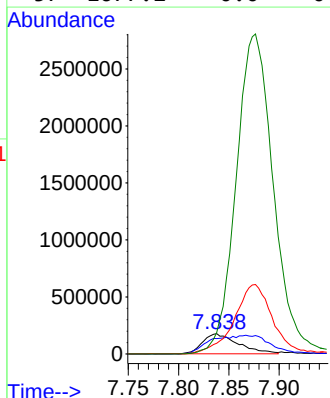
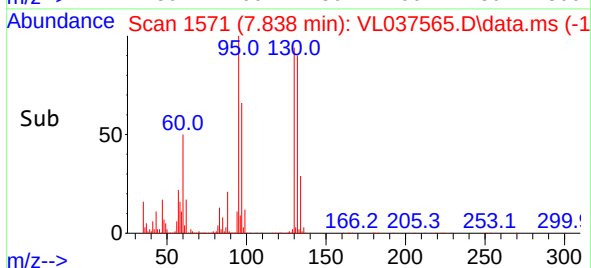


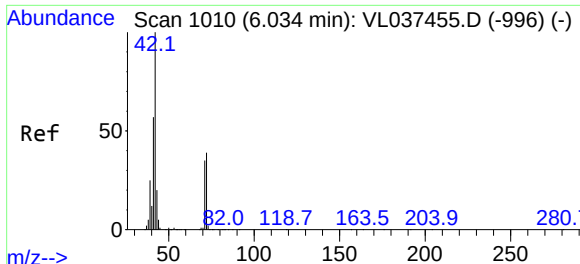
#40
1,4-Dioxane
Concen: 10.475 ppbv
RT: 7.838 min Scan# 1571
Delta R.T. 0.019 min
Lab File: VL037565.D
Acq: 8 Sep 2021 10:19



Tgt Ion: 88 Resp: 433984

Ion	Ratio	Lower	Upper
88	100		
58	156.8	0.0	0.0#
43	375.9	0.0	0.0#
57	1677.2	0.0	0.0#





#41
Tetrahydrofuran
Concen: 10.370 ppbv
RT: 6.057 min Scan# 1017
Delta R.T. 0.022 min
Lab File: VL037565.D
Acq: 8 Sep 2021 10:19

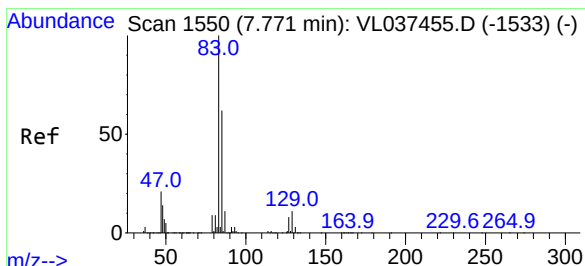
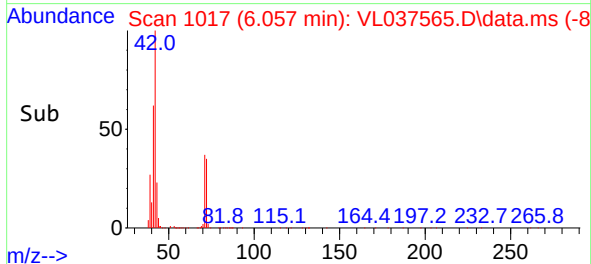
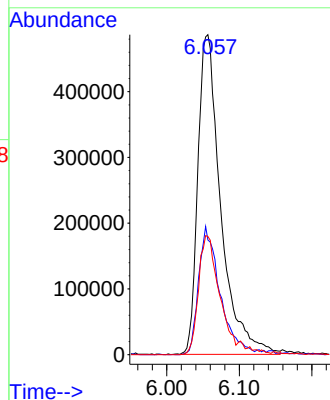
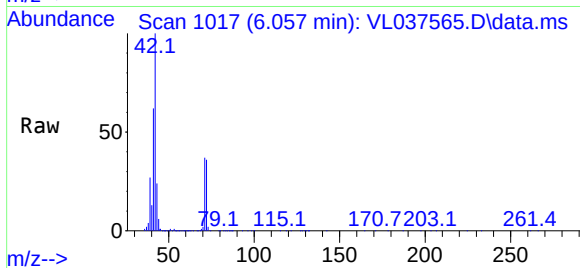
Tgt Ion: 42 Resp: 1067973

Ion	Ratio	Lower	Upper
42	100		
72	38.6	32.2	48.4
71	36.5	30.5	45.7

Instrument :
MSVOA_L
ClientSampleId :
VL0908ABS01

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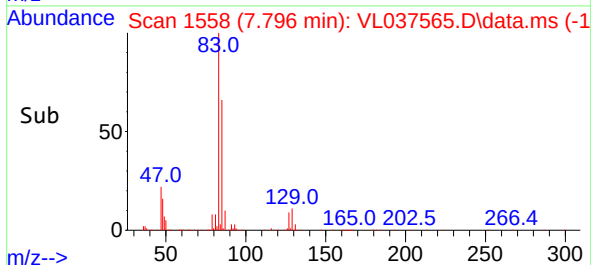
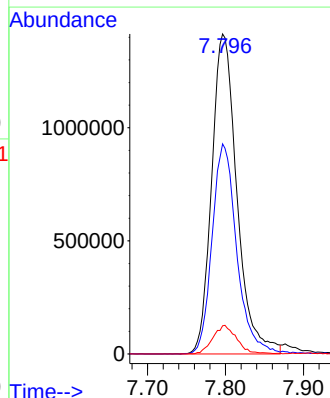
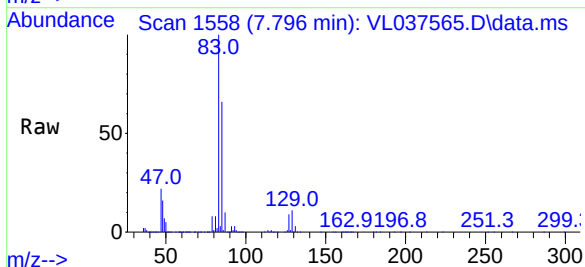
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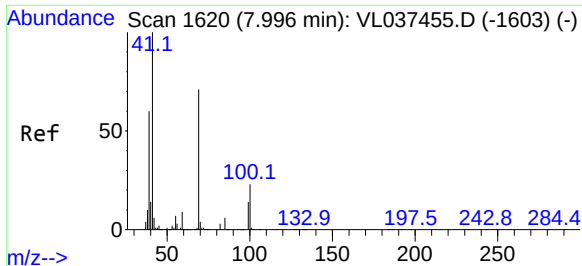


#42
Bromodichloromethane
Concen: 10.002 ppbv
RT: 7.796 min Scan# 1558
Delta R.T. 0.026 min
Lab File: VL037565.D
Acq: 8 Sep 2021 10:19

Tgt Ion: 83 Resp: 3188266

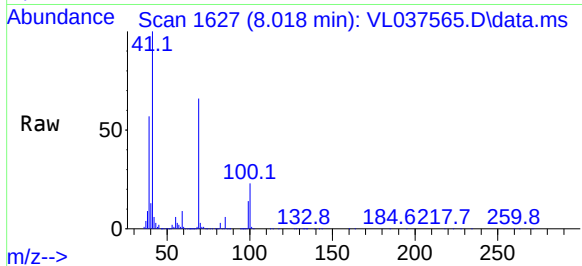
Ion	Ratio	Lower	Upper
83	100		
85	65.7	49.5	74.3
127	8.8	6.3	9.5





#43
Methyl Methacrylate
Concen: 10.315 ppbv
RT: 8.018 min Scan# 1627
Delta R.T. 0.022 min
Lab File: VL037565.D
Acq: 8 Sep 2021 10:19

Instrument :
MSVOA_L
ClientSampleId :
VL0908ABS01

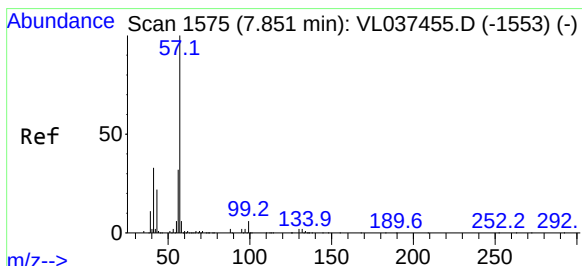
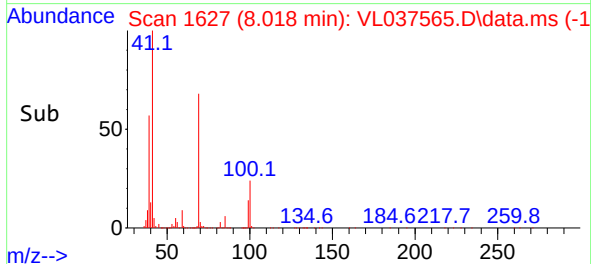
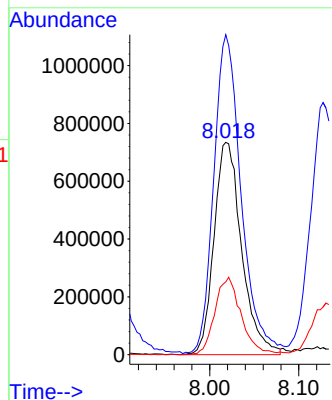


Tgt Ion: 69 Resp: 1582262

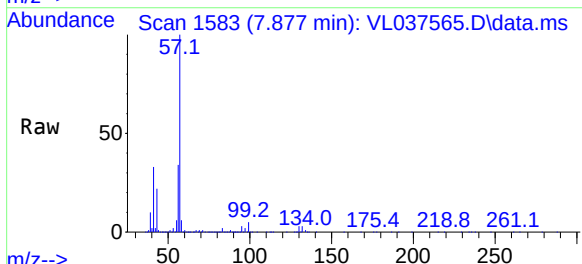
Ion	Ratio	Lower	Upper
69	100		
41	149.8	118.6	178.0
100	34.8	27.4	41.0

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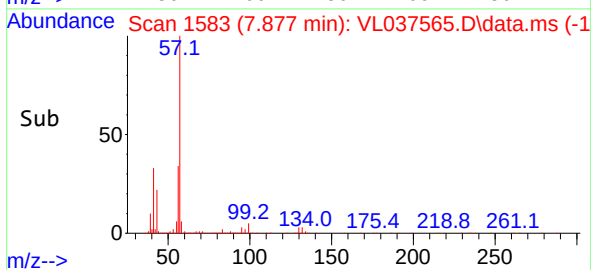
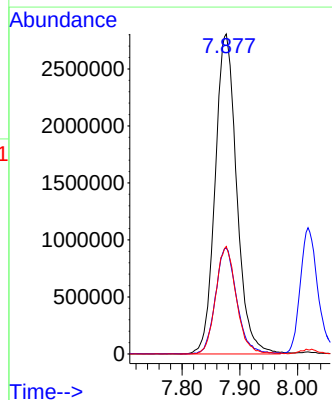


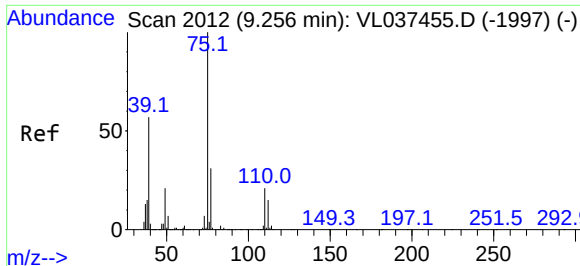
#44
2,2,4-Trimethylpentane
Concen: 9.810 ppbv
RT: 7.877 min Scan# 1583
Delta R.T. 0.026 min
Lab File: VL037565.D
Acq: 8 Sep 2021 10:19



Tgt Ion: 57 Resp: 7265985

Ion	Ratio	Lower	Upper
57	100		
41	32.6	26.2	39.4
56	32.3	25.4	38.2





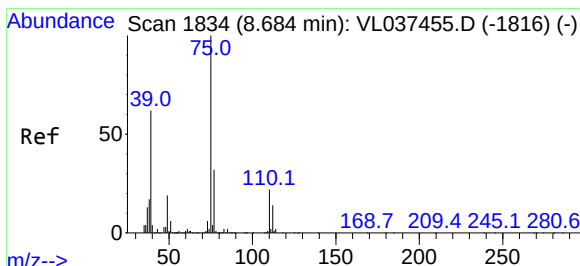
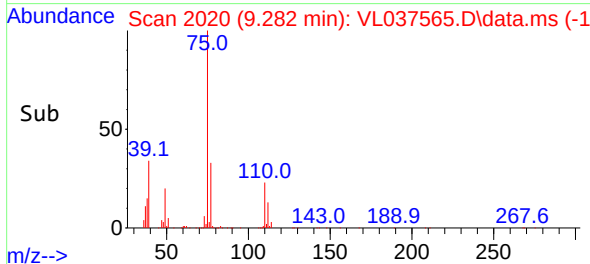
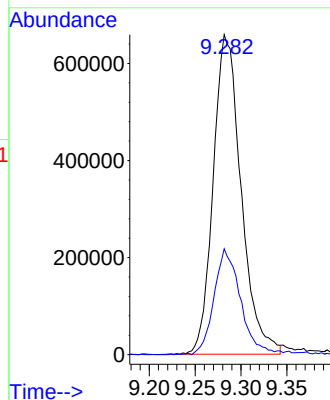
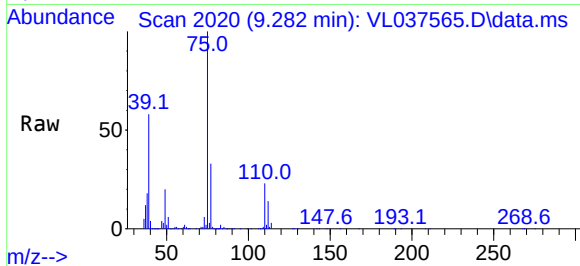
#45
t-1,3-Dichloropropene
Concen: 12.051 ppbv
RT: 9.282 min Scan# 2020
Delta R.T. 0.025 min
Lab File: VL037565.D
Acq: 8 Sep 2021 10:19

Tgt Ion: 75 Resp: 1391510
Ion Ratio Lower Upper
75 100
77 33.1 24.5 36.7

Instrument :
MSVOA_L
ClientSampleId :
VL0908ABS01

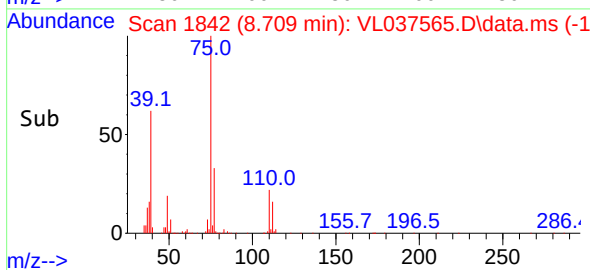
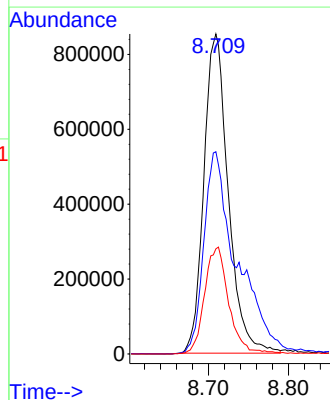
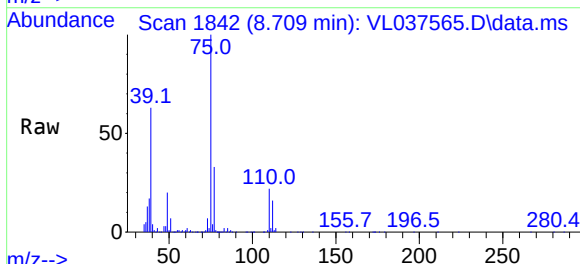
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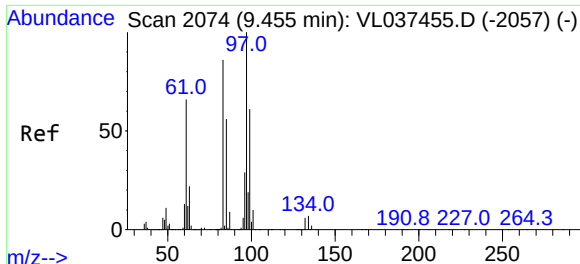
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#46
cis-1,3-Dichloropropene
Concen: 11.210 ppbv
RT: 8.709 min Scan# 1842
Delta R.T. 0.025 min
Lab File: VL037565.D
Acq: 8 Sep 2021 10:19

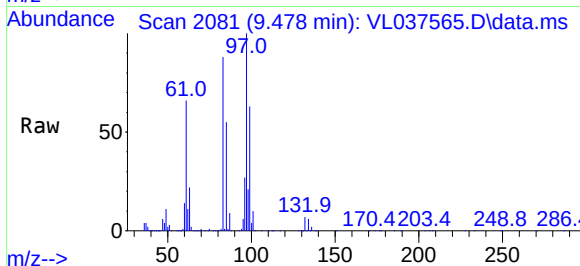
Tgt Ion: 75 Resp: 1805712
Ion Ratio Lower Upper
75 100
39 63.1 49.7 74.5
77 32.7 25.4 38.0





#47
1,1,2-Trichloroethane
Concen: 9.821 ppbv
RT: 9.478 min Scan# 2081
Delta R.T. 0.022 min
Lab File: VL037565.D
Acq: 8 Sep 2021 10:19

Instrument :
MSVOA_L
ClientSampleId :
VL0908ABS01

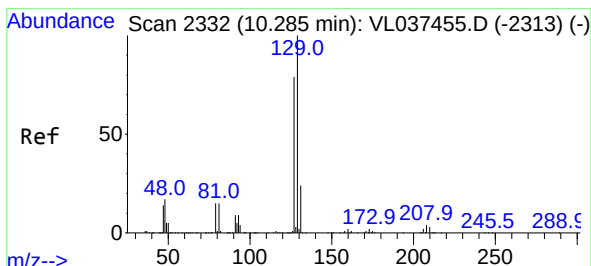
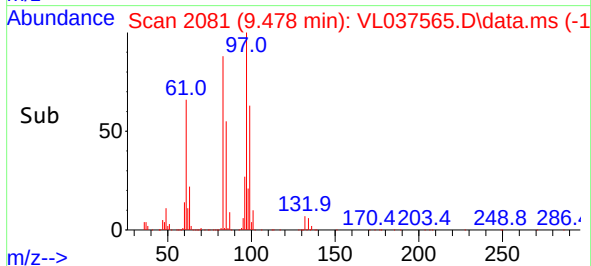
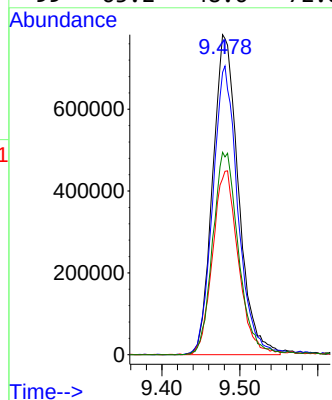


Tgt Ion: 97 Resp: 1794544

Ion	Ratio	Lower	Upper
97	100		
83	88.2	68.7	103.1
85	54.8	44.7	67.1
99	63.2	48.6	72.8

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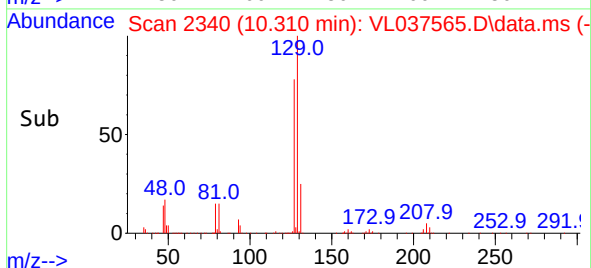
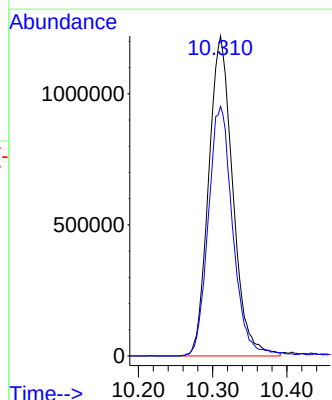
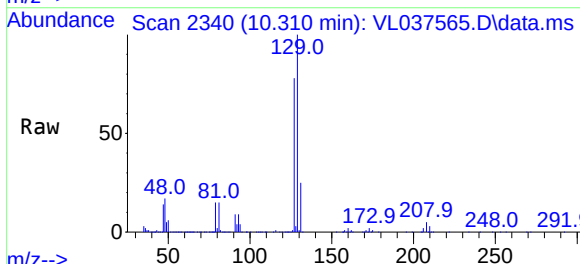
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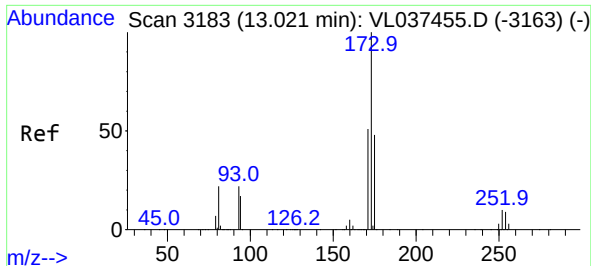


#48
Dibromochloromethane
Concen: 10.474 ppbv
RT: 10.310 min Scan# 2340
Delta R.T. 0.026 min
Lab File: VL037565.D
Acq: 8 Sep 2021 10:19

Tgt Ion: 129 Resp: 2754288

Ion	Ratio	Lower	Upper
129	100		
127	80.4	40.0	120.0





#49

Bromoform

Concen: 10.621 ppbv

RT: 13.047 min Scan# 3191

Delta R.T. 0.025 min

Lab File: VL037565.D

Acq: 8 Sep 2021 10:19

Tgt Ion:173 Resp: 2201430

Ion	Ratio	Lower	Upper
173	100		
175	52.5	41.9	62.9
171	55.5	44.2	66.4

Instrument :

MSVOA_L

ClientSampleId :

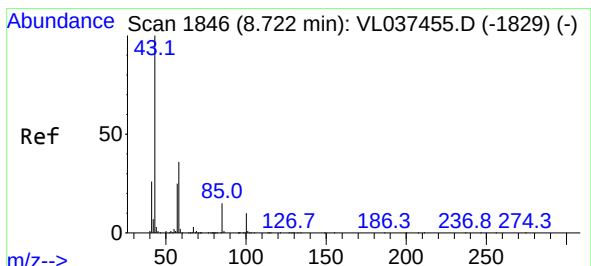
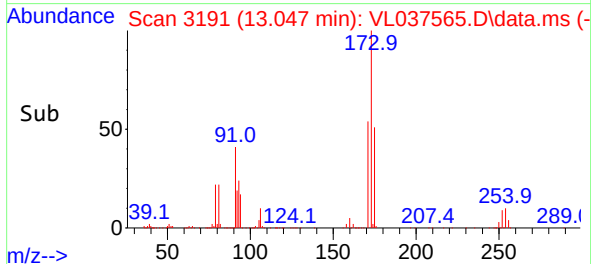
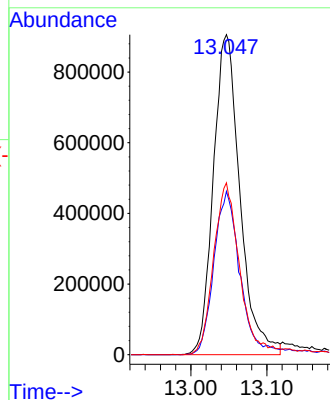
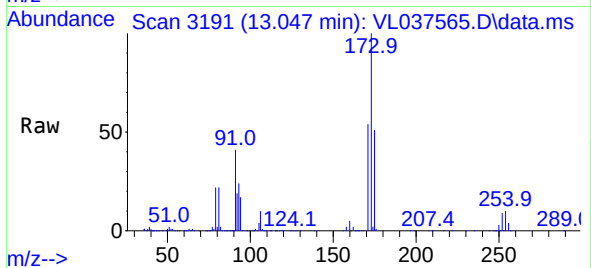
VL0908ABS01

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#50

4-Methyl-2-Pentanone

Concen: 10.499 ppbv

RT: 8.748 min Scan# 1854

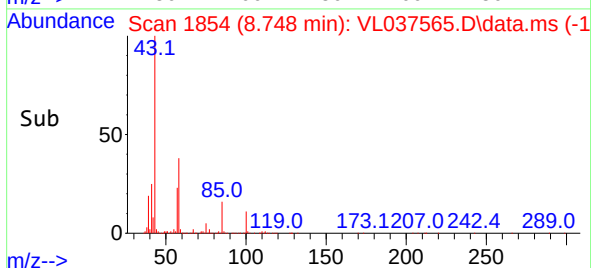
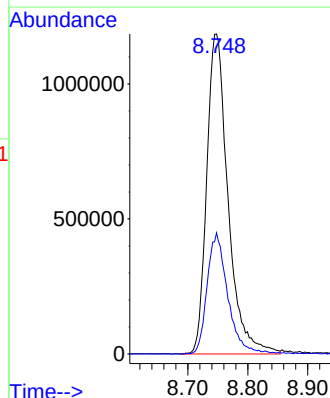
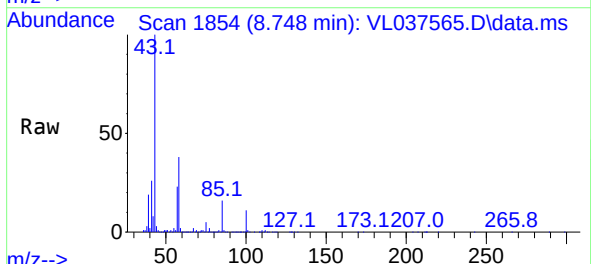
Delta R.T. 0.025 min

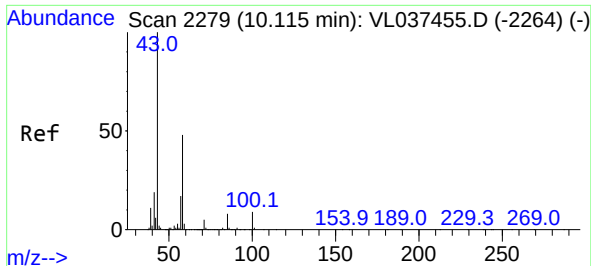
Lab File: VL037565.D

Acq: 8 Sep 2021 10:19

Tgt Ion: 43 Resp: 2928027

Ion	Ratio	Lower	Upper
43	100		
58	36.8	29.9	44.9





#51
2-Hexanone
Concen: 10.811 ppbv
RT: 10.137 min Scan# 2286
Delta R.T. 0.022 min
Lab File: VL037565.D
Acq: 8 Sep 2021 10:19

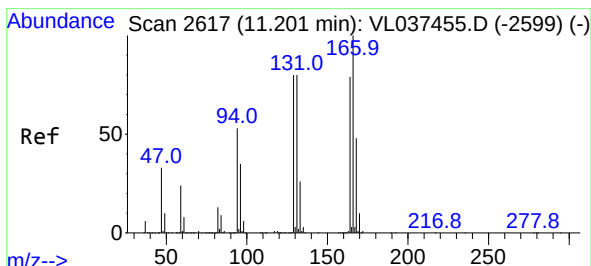
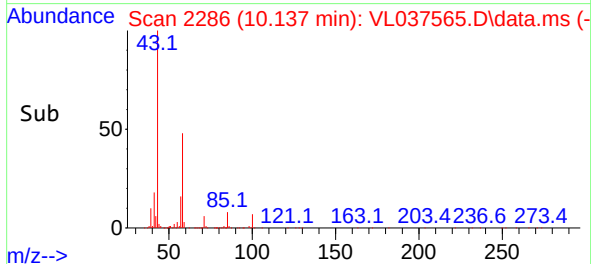
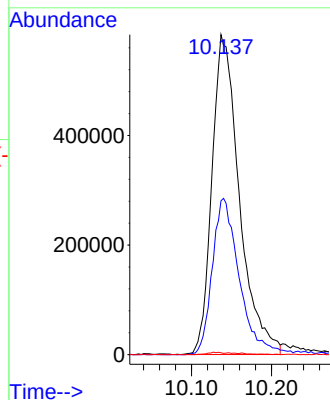
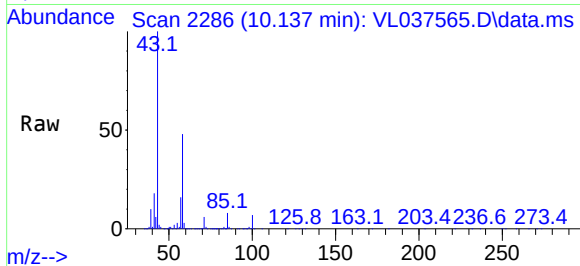
Tgt Ion: 43 Resp: 1386929

Ion	Ratio	Lower	Upper
43	100		
58	49.1	41.0	61.6
98	0.9	0.3	0.5

Instrument :
MSVOA_L
ClientSampleId :
VL0908ABS01

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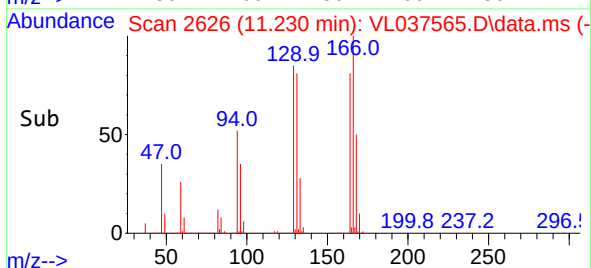
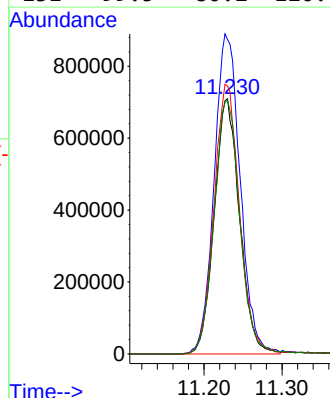
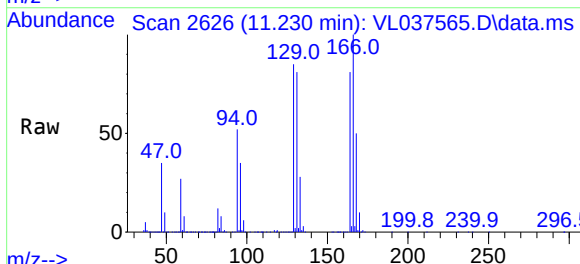
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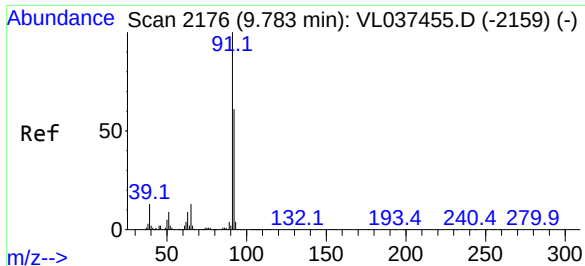


#52
Tetrachloroethene
Concen: 8.900 ppbv
RT: 11.230 min Scan# 2626
Delta R.T. 0.029 min
Lab File: VL037565.D
Acq: 8 Sep 2021 10:19

Tgt Ion: 164 Resp: 1605030

Ion	Ratio	Lower	Upper
164	100		
166	123.0	100.7	151.1
129	104.9	80.9	121.3
131	99.5	80.2	120.4





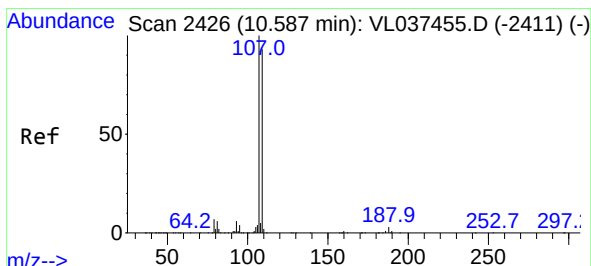
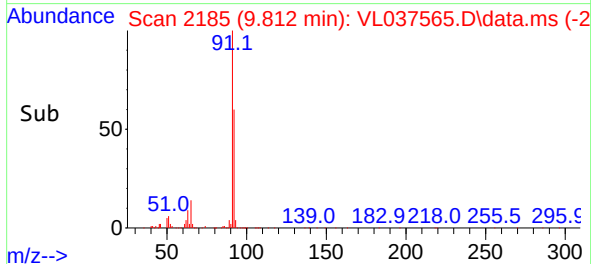
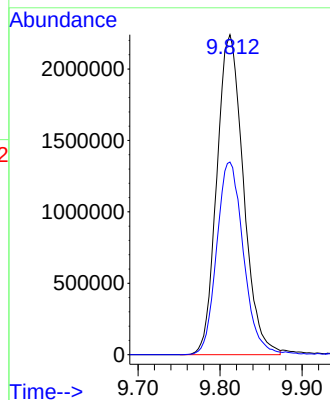
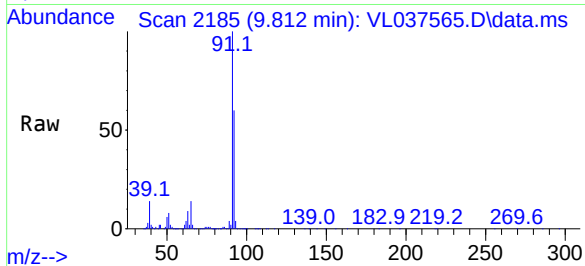
#53
Toluene
Concen: 10.055 ppbv
RT: 9.812 min Scan# 2185
Delta R.T. 0.029 min
Lab File: VL037565.D
Acq: 8 Sep 2021 10:19

Tgt Ion: 91 Resp: 5052864
Ion Ratio Lower Upper
91 100
92 60.9 48.8 73.2

Instrument :
MSVOA_L
ClientSampleId :
VL0908ABS01

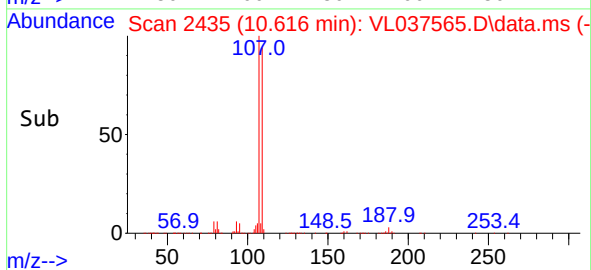
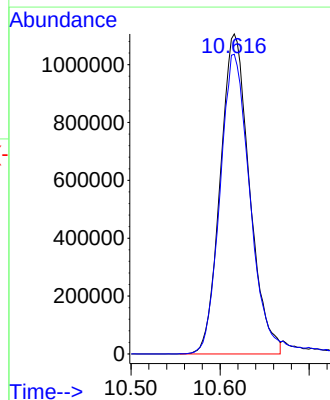
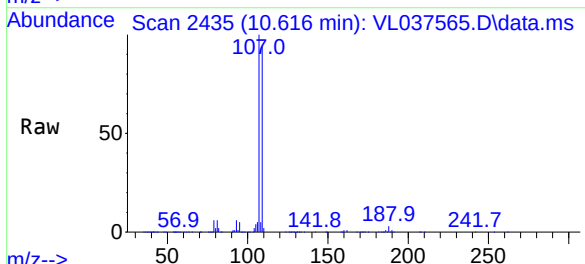
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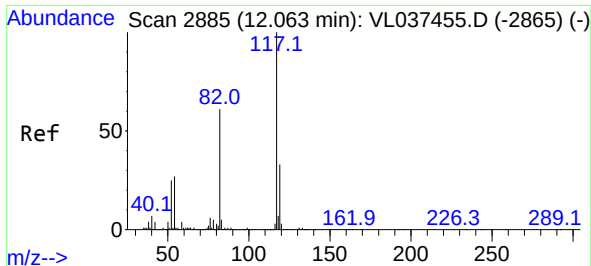
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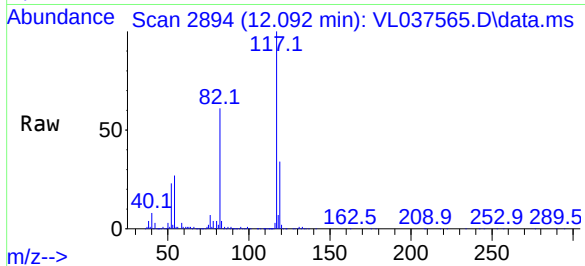
#54
1,2-Dibromoethane
Concen: 9.894 ppbv
RT: 10.616 min Scan# 2435
Delta R.T. 0.029 min
Lab File: VL037565.D
Acq: 8 Sep 2021 10:19

Tgt Ion: 107 Resp: 2523969
Ion Ratio Lower Upper
107 100
109 93.5 74.2 111.4



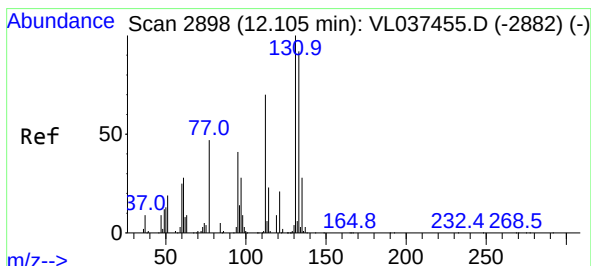
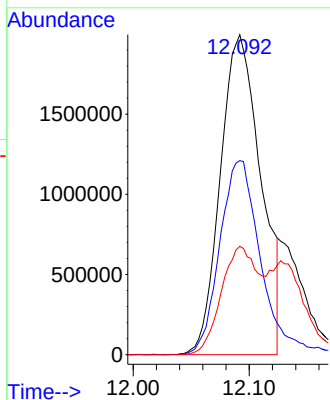
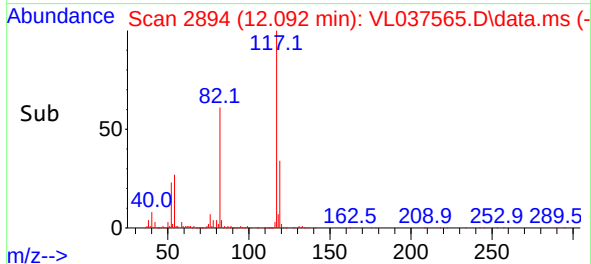


#55
Chlorobenzene-d5
Concen: 10.000 ppbv m
RT: 12.092 min Scan# 2894
Delta R.T. 0.029 min
Lab File: VL037565.D
Acq: 8 Sep 2021 10:19

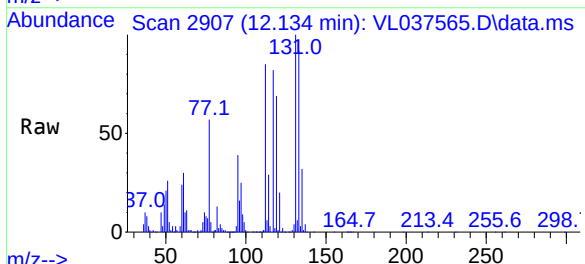


Tgt Ion:117 Resp: 4825352

Ion	Ratio	Lower	Upper
117	100		
82	63.2	52.9	79.3
119	32.3	24.8	37.2

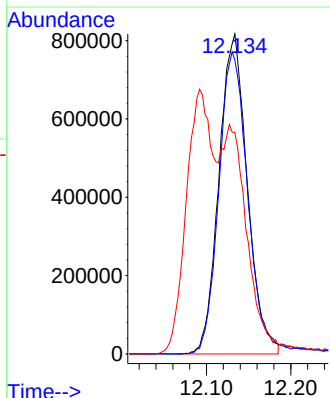
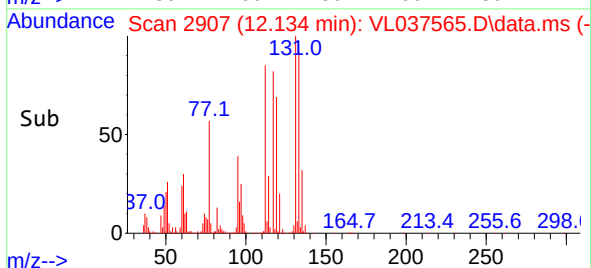


#56
1,1,1,2-Tetrachloroethane
Concen: 9.469 ppbv
RT: 12.134 min Scan# 2907
Delta R.T. 0.029 min
Lab File: VL037565.D
Acq: 8 Sep 2021 10:19



Tgt Ion:131 Resp: 1903955

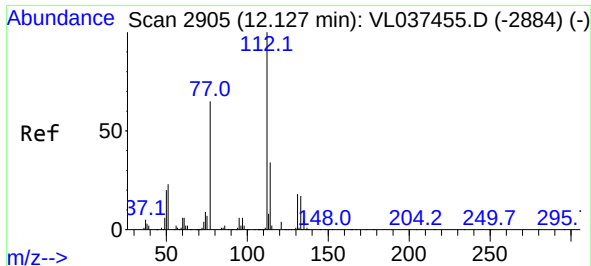
Ion	Ratio	Lower	Upper
131	100		
133	99.3	78.7	118.1
119	67.6	56.6	85.0



Instrument :
MSVOA_L
ClientSampleId :
VL0908ABS01

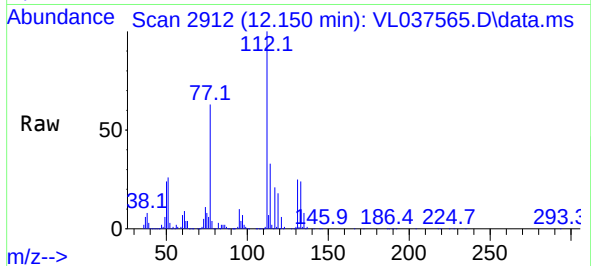
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#57
Chlorobenzene
Concen: 9.209 ppbv
RT: 12.150 min Scan# 2912
Delta R.T. 0.022 min
Lab File: VL037565.D
Acq: 8 Sep 2021 10:19

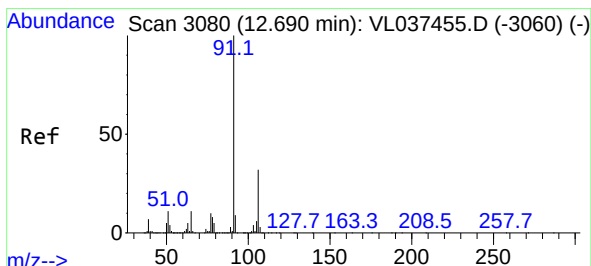
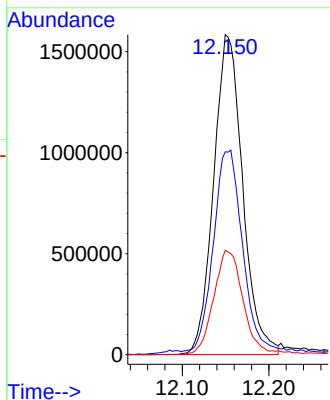
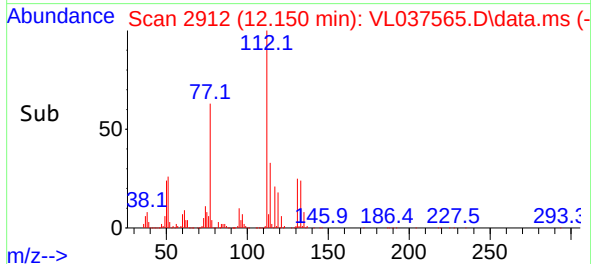
Instrument :
MSVOA_L
ClientSampleId :
VL0908ABS01



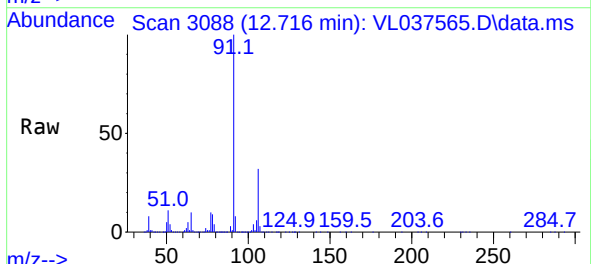
Tgt Ion: 112 Resp: 3687709
Ion Ratio Lower Upper
112 100
77 62.2 51.6 77.4
114 32.6 30.7 37.5

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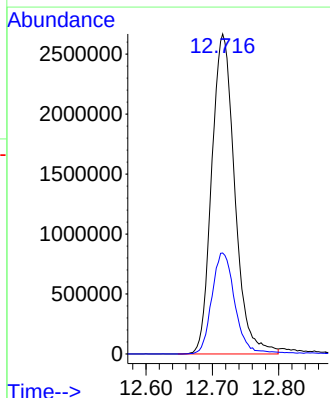
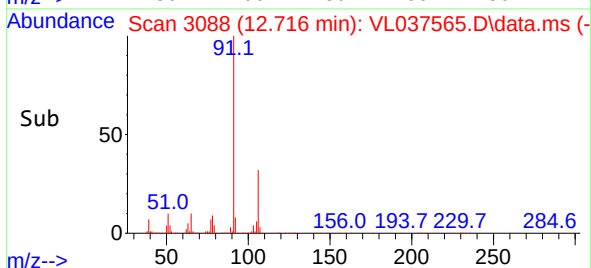
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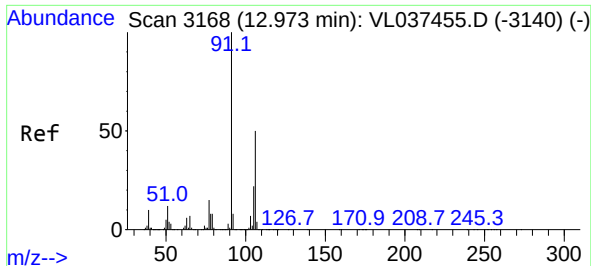


#58
Ethyl Benzene
Concen: 9.614 ppbv
RT: 12.716 min Scan# 3088
Delta R.T. 0.025 min
Lab File: VL037565.D
Acq: 8 Sep 2021 10:19



Tgt Ion: 91 Resp: 6437806
Ion Ratio Lower Upper
91 100
106 31.6 25.7 38.5





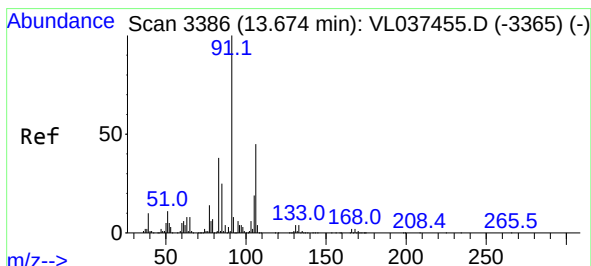
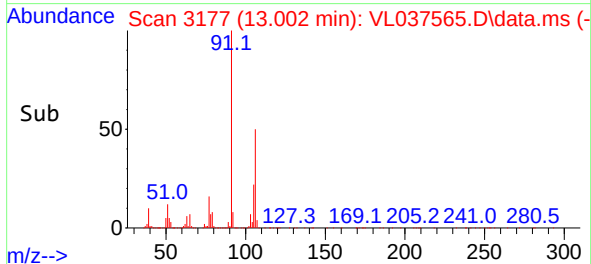
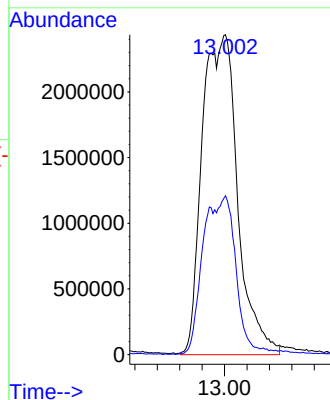
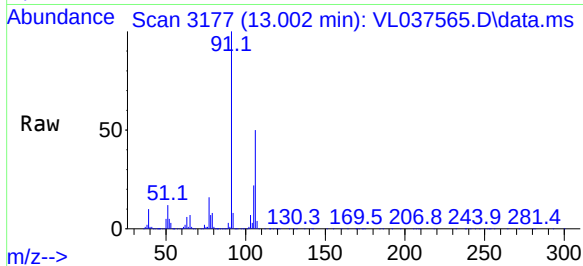
#59
m/p-Xylene
Concen: 18.439 ppbv m
RT: 13.002 min Scan# 3177
Delta R.T. 0.029 min
Lab File: VL037565.D
Acq: 8 Sep 2021 10:19

Tgt Ion: 91 Resp:10704185
Ion Ratio Lower Upper
91 100
106 46.9 36.9 55.3

Instrument :
MSVOA_L
ClientSampleId :
VL0908ABS01

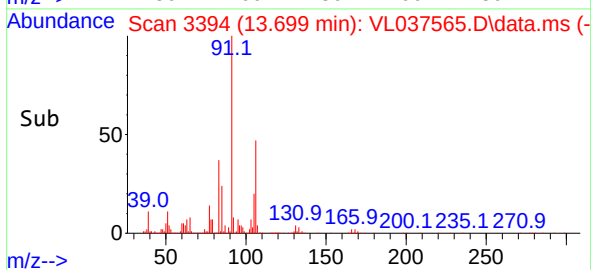
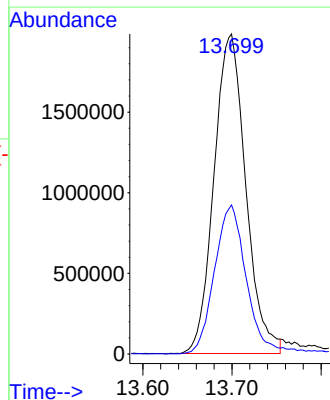
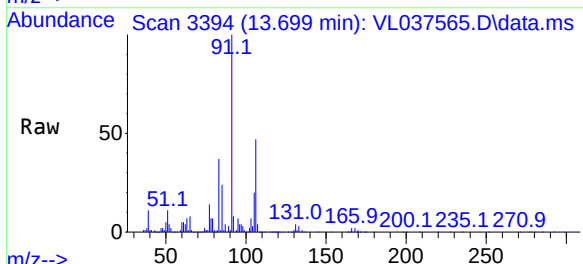
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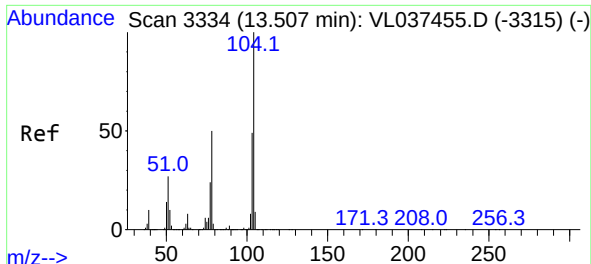
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#60
o-Xylene
Concen: 9.069 ppbv
RT: 13.699 min Scan# 3394
Delta R.T. 0.025 min
Lab File: VL037565.D
Acq: 8 Sep 2021 10:19

Tgt Ion: 91 Resp: 4913839
Ion Ratio Lower Upper
91 100
106 48.2 23.7 71.1





#61
Styrene
Concen: 10.194 ppbv
RT: 13.532 min Scan# 3342
Delta R.T. 0.025 min
Lab File: VL037565.D
Acq: 8 Sep 2021 10:19

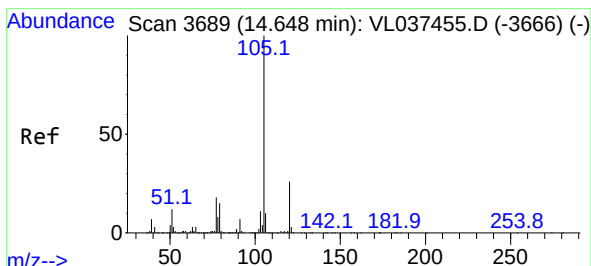
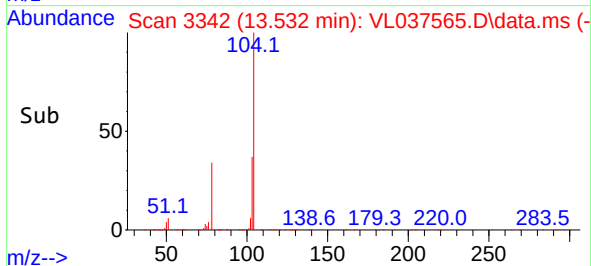
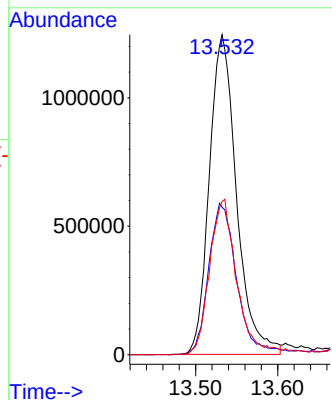
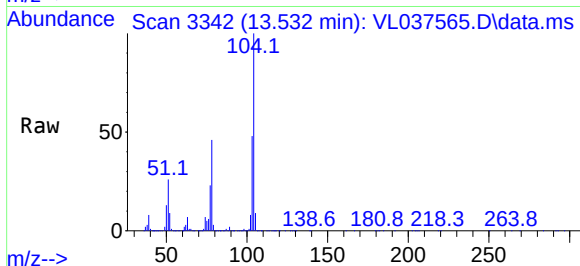
Tgt Ion:104 Resp: 2869349

Ion	Ratio	Lower	Upper
104	100		
78	49.9	41.3	61.9
103	49.3	39.4	59.0

Instrument :
MSVOA_L
ClientSampleId :
VL0908ABS01

Manual Integrations
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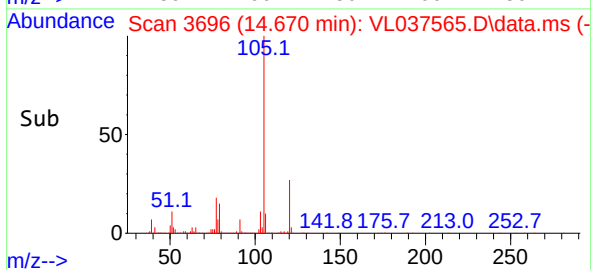
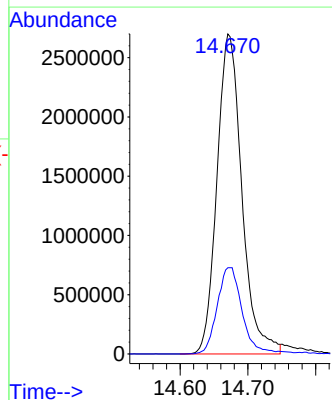
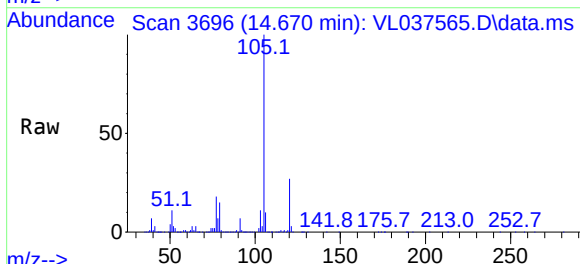
MMDadoda
9/10/2021 10:52:09 AM

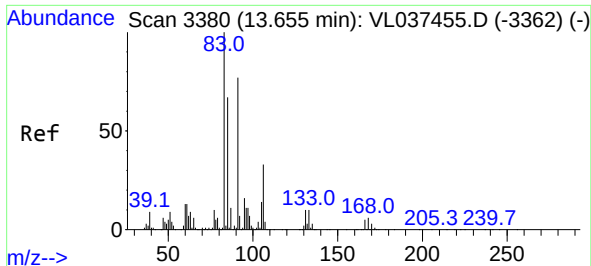


#62
Isopropylbenzene
Concen: 9.012 ppbv
RT: 14.670 min Scan# 3696
Delta R.T. 0.022 min
Lab File: VL037565.D
Acq: 8 Sep 2021 10:19

Tgt Ion:105 Resp: 6891600

Ion	Ratio	Lower	Upper
105	100		
120	27.5	21.5	32.3





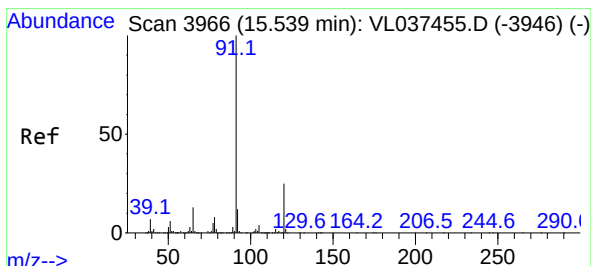
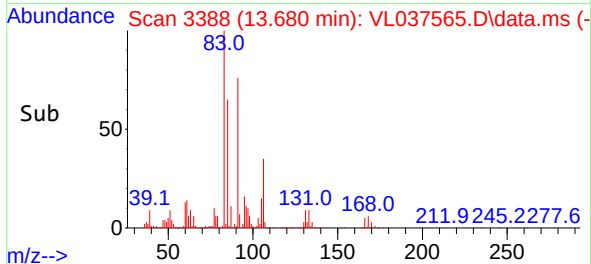
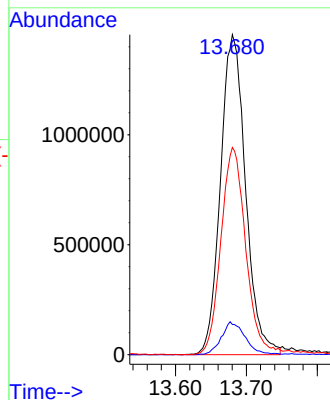
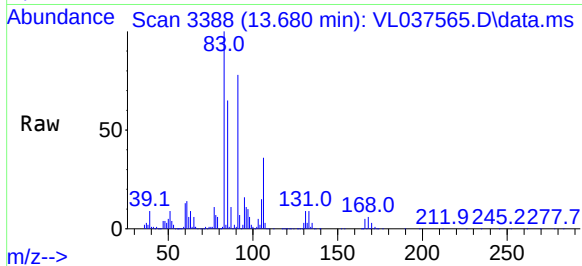
#63
1,1,2,2-Tetrachloroethane
Concen: 8.882 ppbv
RT: 13.680 min Scan# 3388
Delta R.T. 0.025 min
Lab File: VL037565.D
Acq: 8 Sep 2021 10:19

Tgt Ion: 83 Resp: 3576765
Ion Ratio Lower Upper
83 100
131 10.0 5.0 15.0
85 65.8 33.8 101.3

Instrument :
MSVOA_L
ClientSampleId :
VL0908ABS01

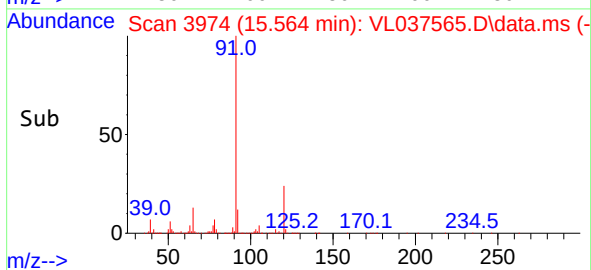
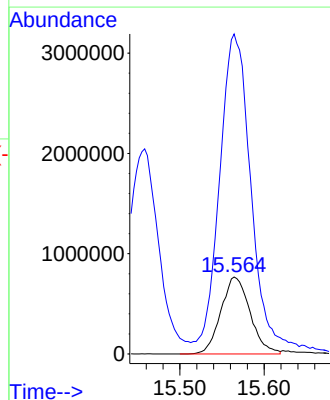
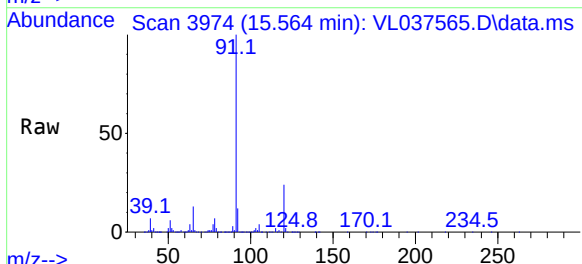
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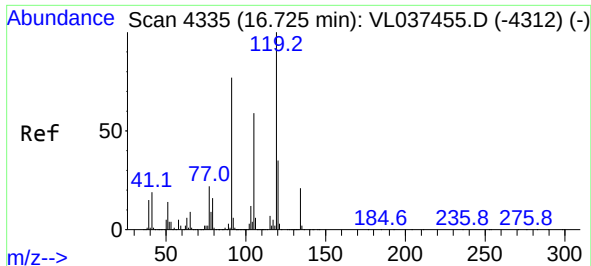
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#64
n-propylbenzene
Concen: 9.478 ppbv
RT: 15.564 min Scan# 3974
Delta R.T. 0.025 min
Lab File: VL037565.D
Acq: 8 Sep 2021 10:19

Tgt Ion: 120 Resp: 1844512
Ion Ratio Lower Upper
120 100
91 458.9 373.8 560.6





#65
tert-Butylbenzene
Concen: 8.656 ppbv
RT: 16.748 min Scan# 4342
Delta R.T. 0.022 min
Lab File: VL037565.D
Acq: 8 Sep 2021 10:19

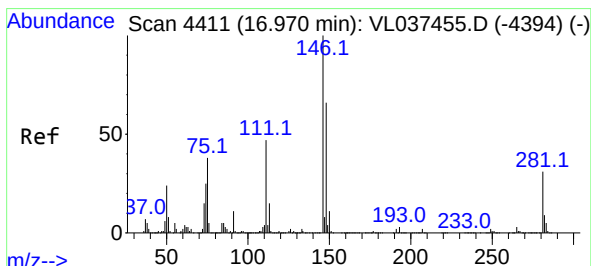
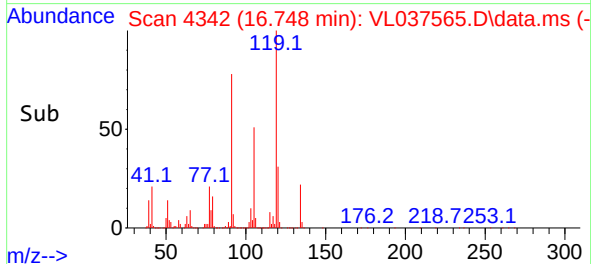
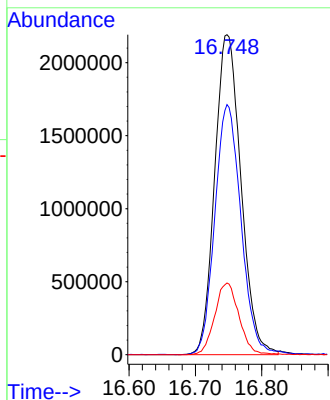
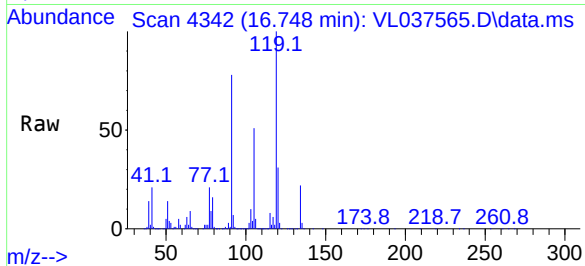
Tgt Ion: 119 Resp: 6028506

Ion	Ratio	Lower	Upper
119	100		
91	77.9	62.9	94.3
134	20.8	16.4	24.6

Instrument :
MSVOA_L
ClientSampleId :
VL0908ABS01

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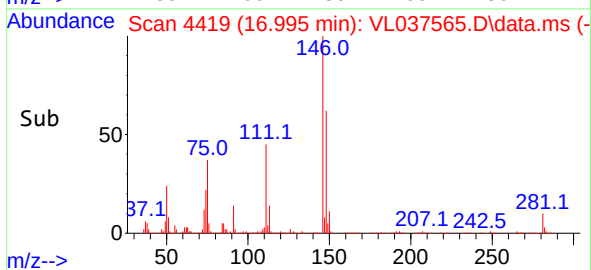
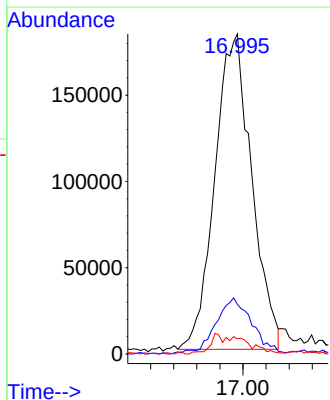
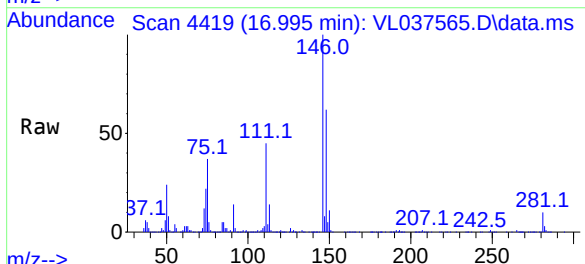
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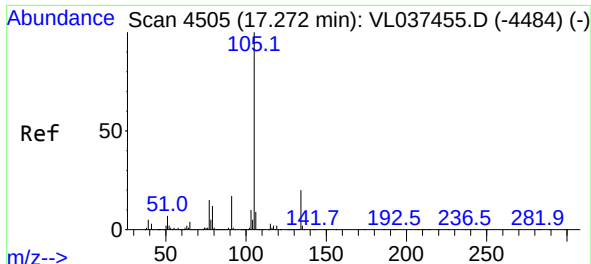


#66
Benzyl Chloride
Concen: 12.851 ppbv
RT: 16.995 min Scan# 4419
Delta R.T. 0.025 min
Lab File: VL037565.D
Acq: 8 Sep 2021 10:19

Tgt Ion: 91 Resp: 404869

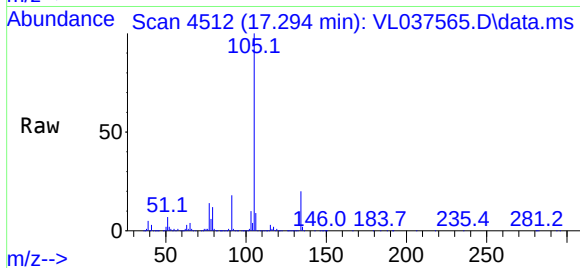
Ion	Ratio	Lower	Upper
91	100		
126	17.7	15.9	23.9
128	5.8	5.4	8.0





#67
 sec-Butylbenzene
 Concen: 8.540 ppbv
 RT: 17.294 min Scan# 4512
 Delta R.T. 0.022 min
 Lab File: VL037565.D
 Acq: 8 Sep 2021 10:19

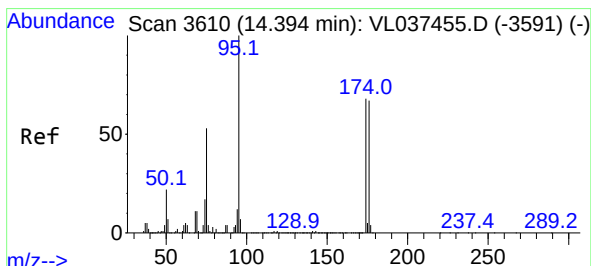
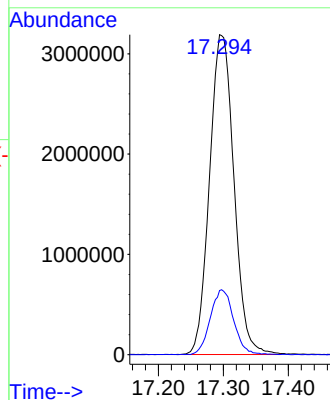
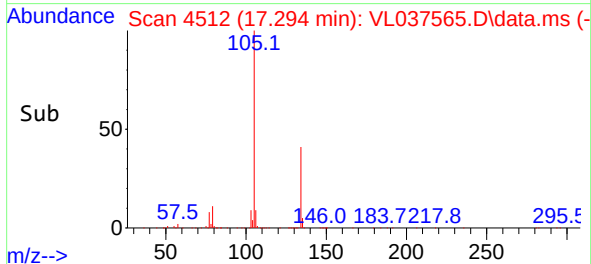
Instrument :
 MSVOA_L
 ClientSampleId :
 VL0908ABS01



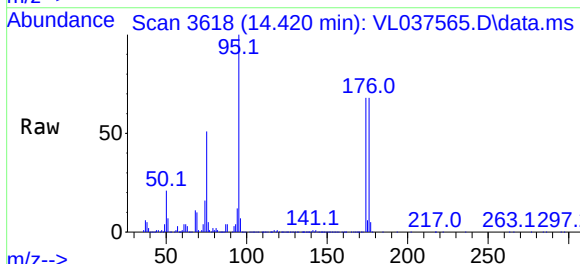
Tgt Ion:105 Resp: 8310556
 Ion Ratio Lower Upper
 105 100
 134 19.6 15.2 22.8

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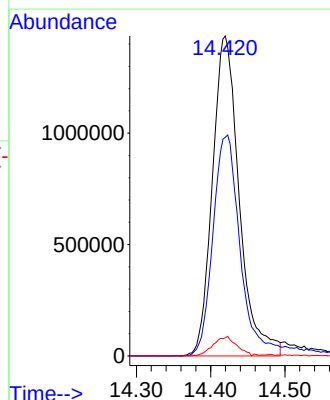
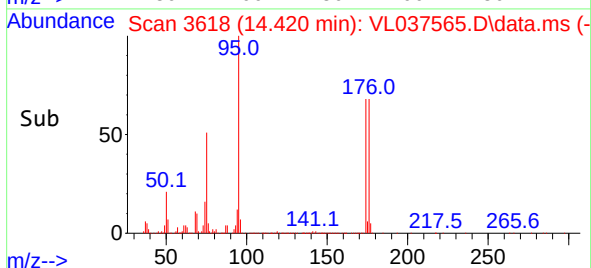
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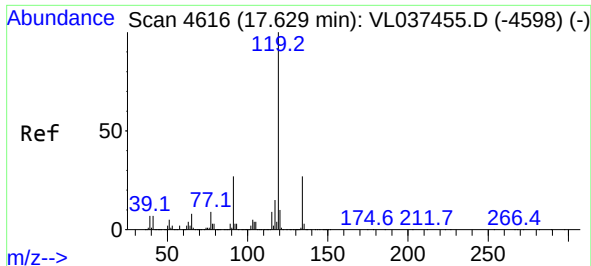


#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.525 ppbv
 RT: 14.420 min Scan# 3618
 Delta R.T. 0.025 min
 Lab File: VL037565.D
 Acq: 8 Sep 2021 10:19



Tgt Ion: 95 Resp: 3608195
 Ion Ratio Lower Upper
 95 100
 174 73.2 59.6 89.4
 175 5.6 4.6 7.0





#69
p-Isopropyltoluene
Concen: 8.782 ppbv
RT: 17.654 min Scan# 4624
Delta R.T. 0.025 min
Lab File: VL037565.D
Acq: 8 Sep 2021 10:19

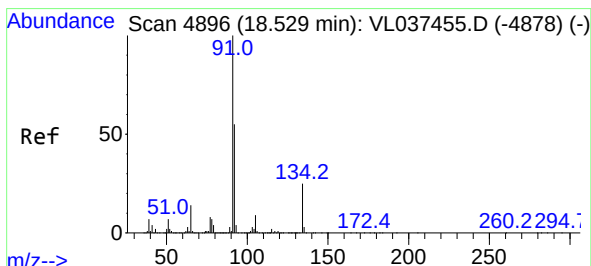
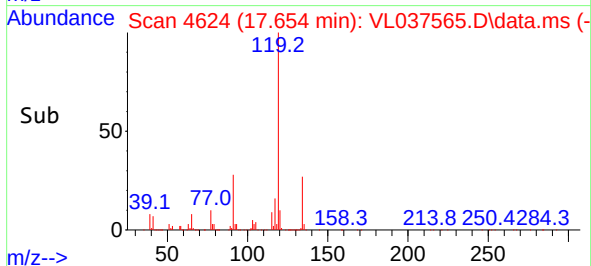
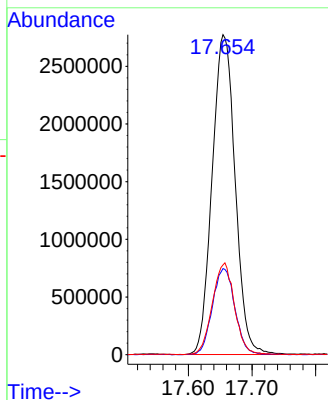
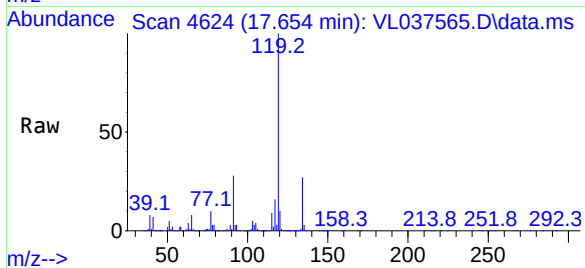
Tgt Ion: 119 Resp: 6963481

Ion	Ratio	Lower	Upper
119	100		
134	26.4	21.1	31.7
91	27.4	22.4	33.6

Instrument :
MSVOA_L
ClientSampleId :
VL0908ABS01

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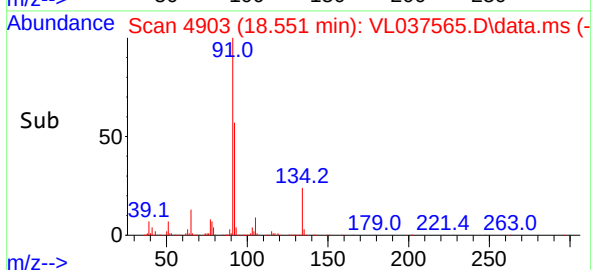
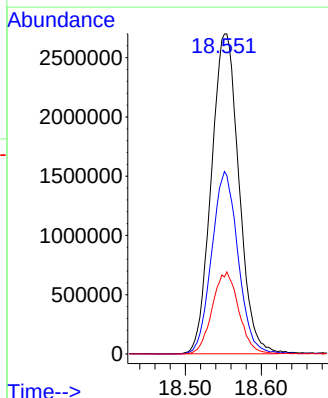
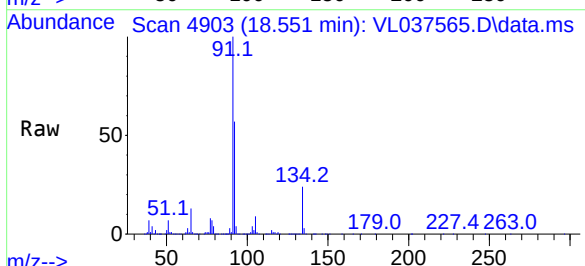
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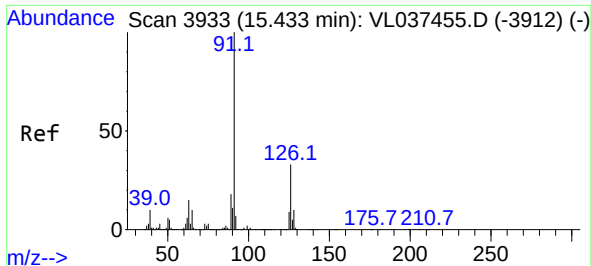


#70
n-Butylbenzene
Concen: 8.974 ppbv
RT: 18.551 min Scan# 4903
Delta R.T. 0.022 min
Lab File: VL037565.D
Acq: 8 Sep 2021 10:19

Tgt Ion: 91 Resp: 6800773

Ion	Ratio	Lower	Upper
91	100		
92	54.9	44.0	66.0
134	24.8	19.5	29.3





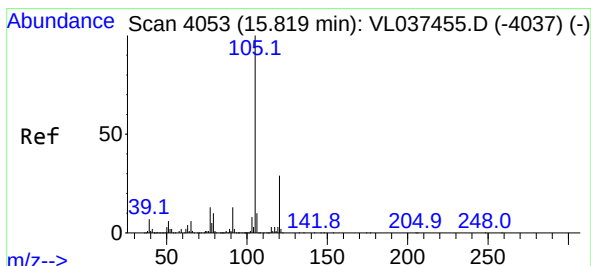
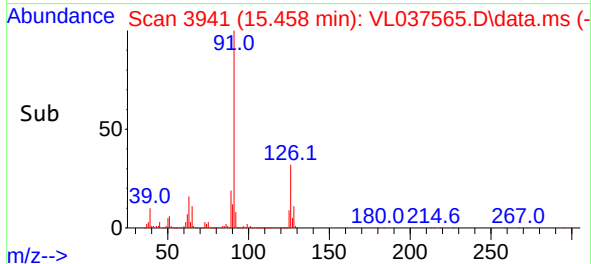
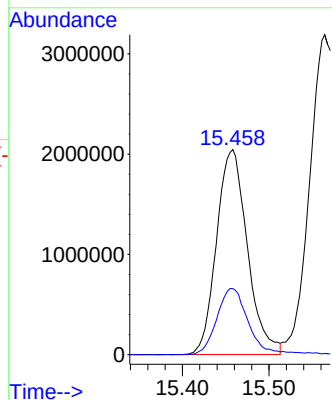
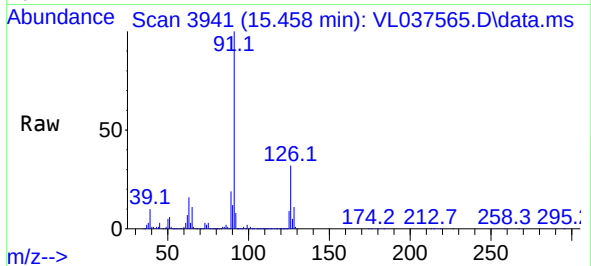
#71
2-Chlorotoluene
Concen: 9.025 ppbv
RT: 15.458 min Scan# 3941
Delta R.T. 0.025 min
Lab File: VL037565.D
Acq: 8 Sep 2021 10:19

Tgt Ion: 91 Resp: 5061136
Ion Ratio Lower Upper
91 100
126 33.6 13.6 54.4

Instrument :
MSVOA_L
ClientSampleId :
VL0908ABS01

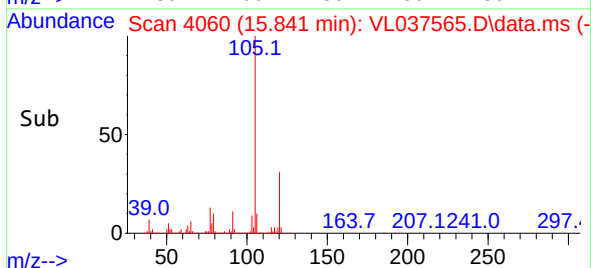
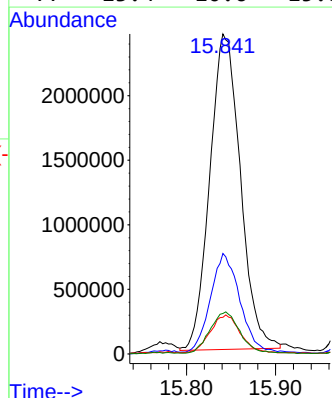
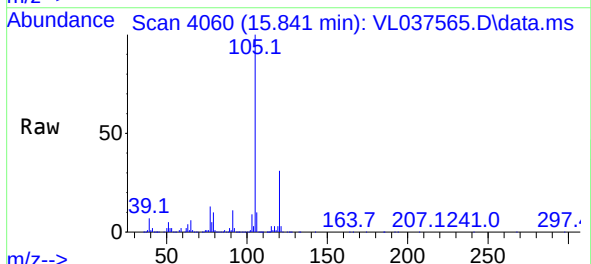
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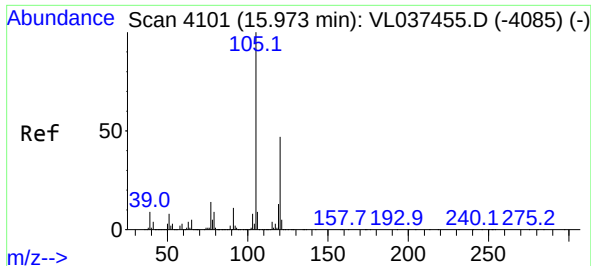
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#72
4-Ethyltoluene
Concen: 9.049 ppbv
RT: 15.841 min Scan# 4060
Delta R.T. 0.022 min
Lab File: VL037565.D
Acq: 8 Sep 2021 10:19

Tgt Ion: 105 Resp: 5832002
Ion Ratio Lower Upper
105 100
120 31.8 24.7 37.1
91 12.3 9.8 14.8
77 13.4 10.6 15.8





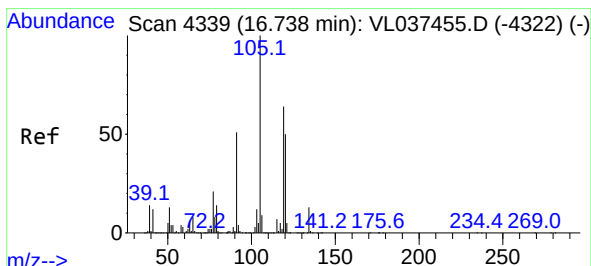
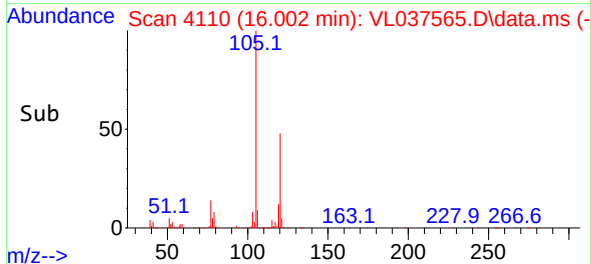
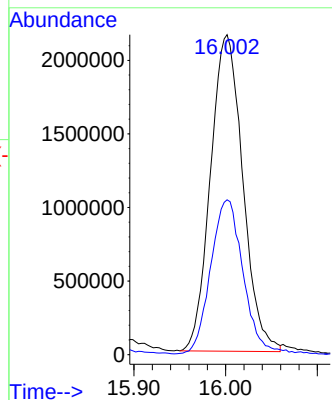
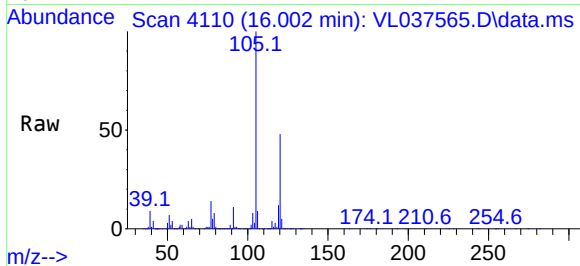
#73
1,3,5-Trimethylbenzene
Concen: 8.779 ppbv
RT: 16.002 min Scan# 4110
Delta R.T. 0.029 min
Lab File: VL037565.D
Acq: 8 Sep 2021 10:19

Tgt Ion:105 Resp: 5266532
Ion Ratio Lower Upper
105 100
120 48.6 37.6 56.4

Instrument :
MSVOA_L
ClientSampleId :
VL0908ABS01

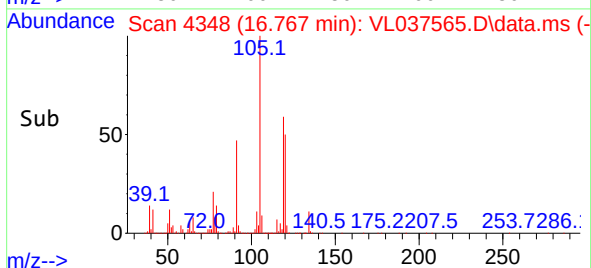
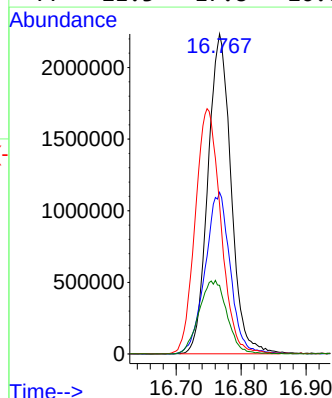
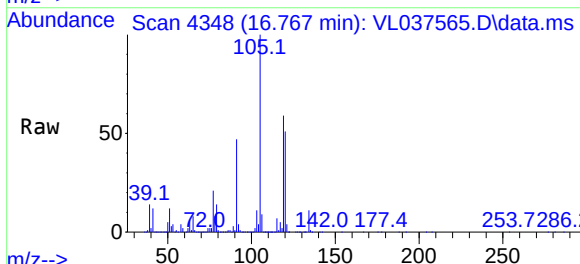
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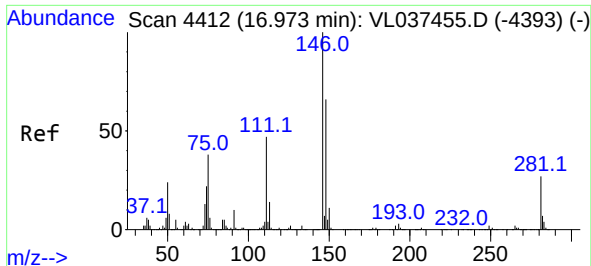
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#74
1,2,4-Trimethylbenzene
Concen: 8.661 ppbv
RT: 16.767 min Scan# 4348
Delta R.T. 0.029 min
Lab File: VL037565.D
Acq: 8 Sep 2021 10:19

Tgt Ion:105 Resp: 5521408
Ion Ratio Lower Upper
105 100
120 50.3 40.4 60.6
91 46.6 44.6 67.0
77 21.3 17.8 26.6





#75
1,3-Dichlorobenzene
Concen: 8.777 ppbv
RT: 17.002 min Scan# 4421
Delta R.T. 0.029 min
Lab File: VL037565.D
Acq: 8 Sep 2021 10:19

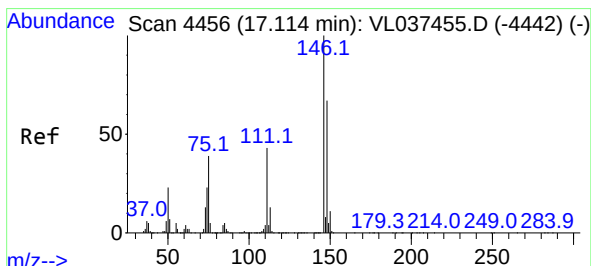
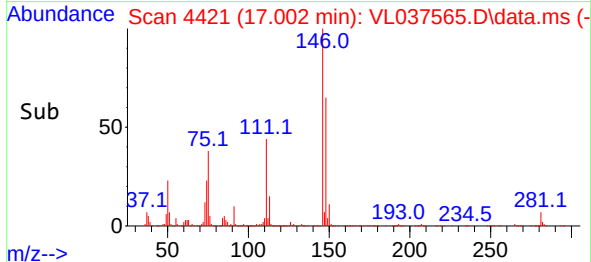
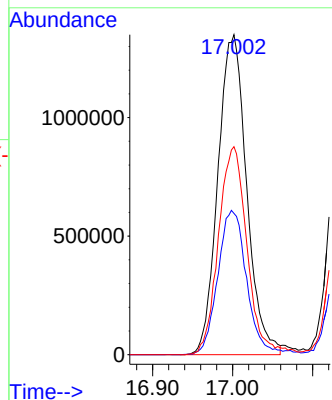
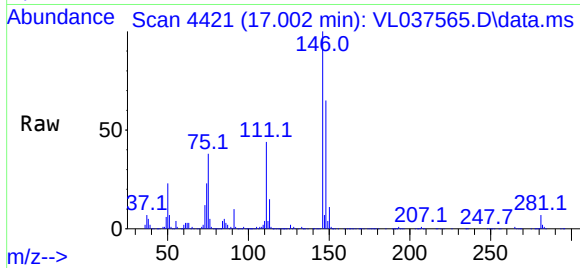
Tgt Ion:146 Resp: 3367908

Ion	Ratio	Lower	Upper
146	100		
111	45.7	23.4	70.0
148	64.8	33.1	99.5

Instrument :
MSVOA_L
ClientSampleId :
VL0908ABS01

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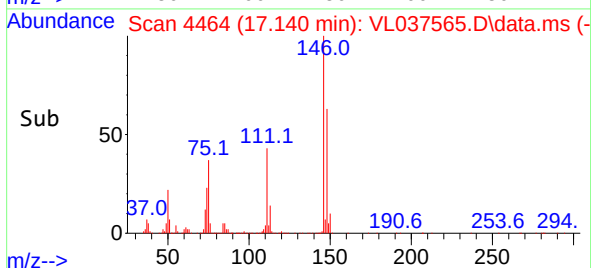
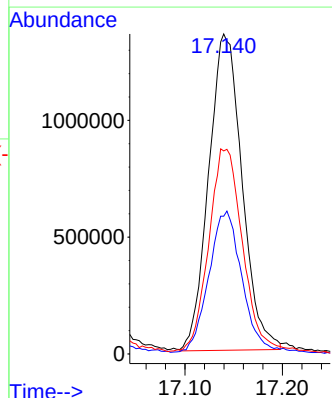
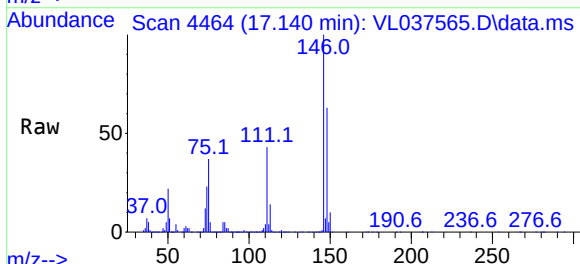
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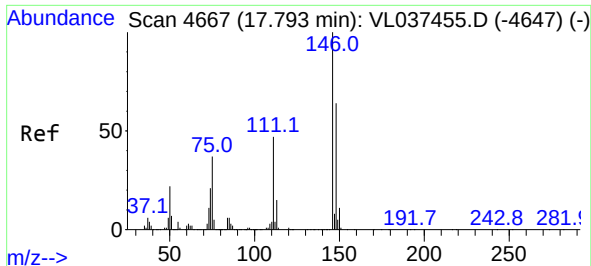


#76
1,4-Dichlorobenzene
Concen: 8.341 ppbv
RT: 17.140 min Scan# 4464
Delta R.T. 0.025 min
Lab File: VL037565.D
Acq: 8 Sep 2021 10:19

Tgt Ion:146 Resp: 3224175

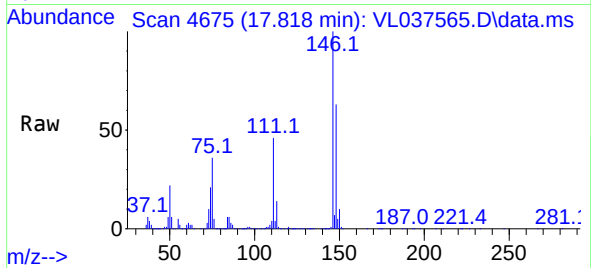
Ion	Ratio	Lower	Upper
146	100		
111	45.9	22.1	66.5
148	67.7	32.4	97.0





#77
 1,2-Dichlorobenzene
 Concen: 8.563 ppbv
 RT: 17.818 min Scan# 4675
 Delta R.T. 0.025 min
 Lab File: VL037565.D
 Acq: 8 Sep 2021 10:19

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0908ABS01

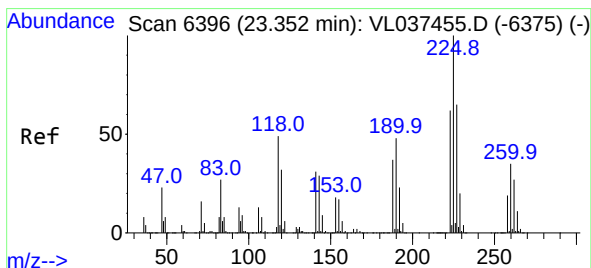
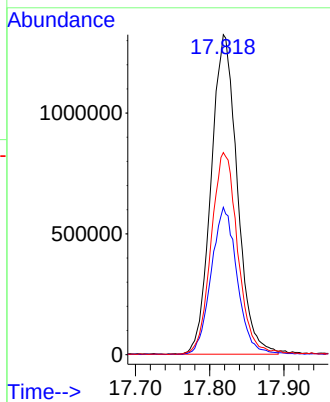
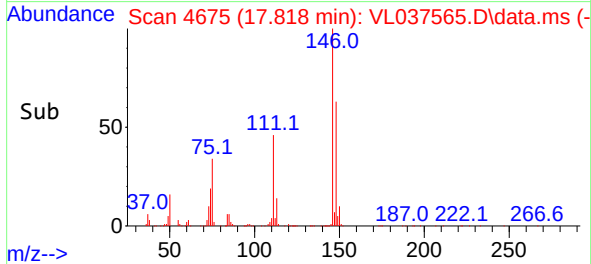


Tgt Ion:146 Resp: 3235670

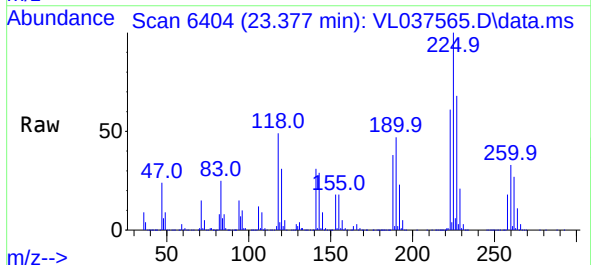
Ion	Ratio	Lower	Upper
146	100		
111	46.4	23.4	70.3
148	64.8	32.5	97.5

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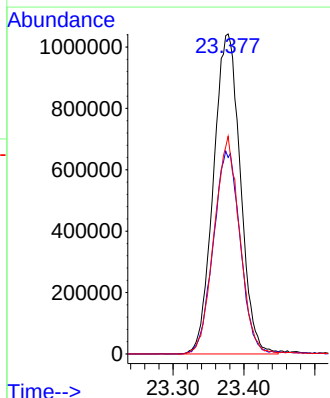
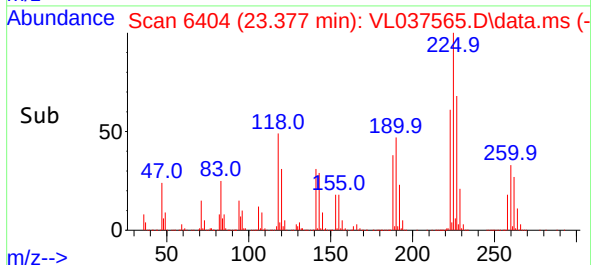


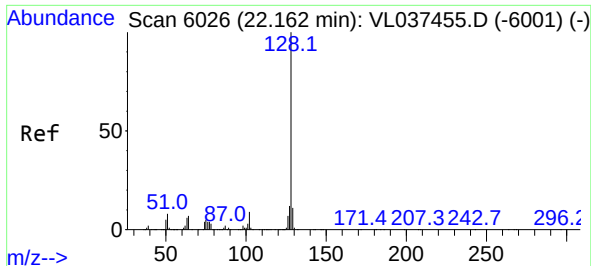
#78
 Hexachloro-1,3-Butadiene
 Concen: 8.745 ppbv
 RT: 23.377 min Scan# 6404
 Delta R.T. 0.026 min
 Lab File: VL037565.D
 Acq: 8 Sep 2021 10:19



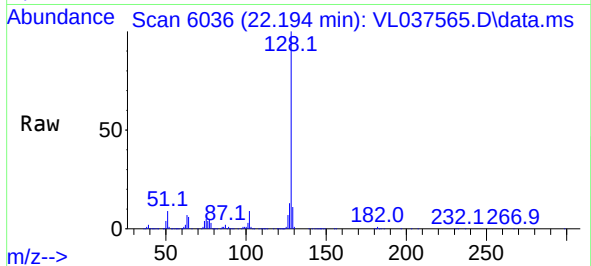
Tgt Ion:225 Resp: 2747191

Ion	Ratio	Lower	Upper
225	100		
223	64.1	51.4	77.0
227	65.2	52.9	79.3



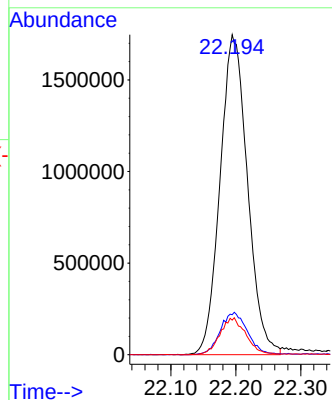


#79
Naphthalene
Concen: 11.985 ppbv
RT: 22.194 min Scan# 6036
Delta R.T. 0.032 min
Lab File: VL037565.D
Acq: 8 Sep 2021 10:19



Tgt Ion:128 Resp: 5112771

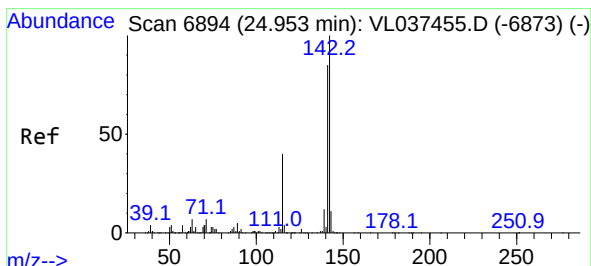
Ion	Ratio	Lower	Upper
128	100		
127	12.5	9.4	14.2
129	10.8	8.8	13.2



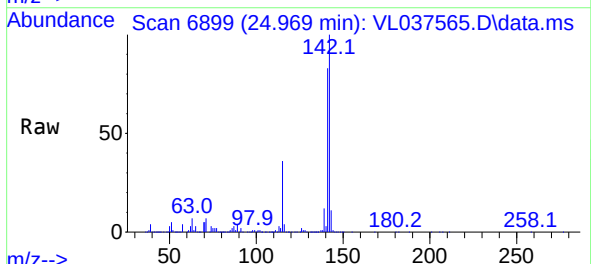
Instrument :
MSVOA_L
ClientSampleId :
VL0908ABS01

Manual Integrations
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MMDadoda
9/10/2021 10:52:09 AM

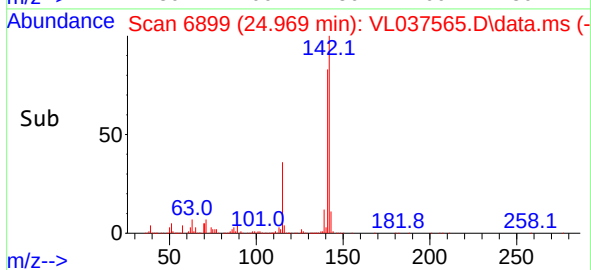
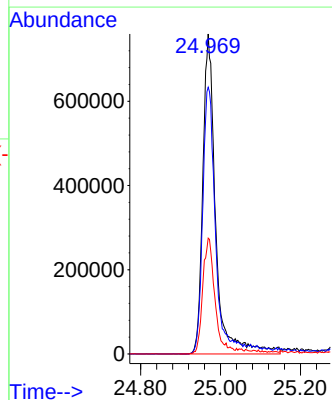


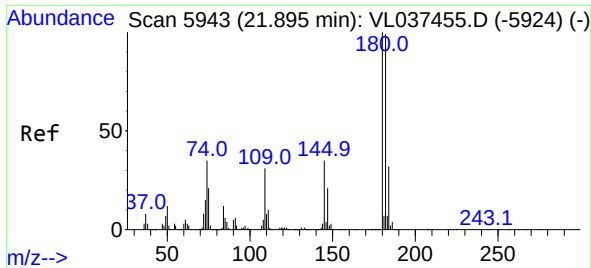
#80
Naphthalene,2-methyl-
Concen: 14.384 ppbv
RT: 24.969 min Scan# 6899
Delta R.T. 0.016 min
Lab File: VL037565.D
Acq: 8 Sep 2021 10:19



Tgt Ion:142 Resp: 1709497

Ion	Ratio	Lower	Upper
142	100		
141	85.7	64.7	97.1
115	34.3	28.4	42.6





#81
 1,2,4-Trichlorobenzene
 Concen: 10.600 ppbv
 RT: 21.927 min Scan# 5953
 Delta R.T. 0.032 min
 Lab File: VL037565.D
 Acq: 8 Sep 2021 10:19

Tgt Ion:180 Resp: 2837537

Ion	Ratio	Lower	Upper
180	100		
182	99.0	79.6	119.4
184	31.6	25.4	38.2

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0908ABS01

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