

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL090321\
 Data File : VL037539.D
 Acq On : 4 Sep 2021 2:29
 Operator : SY/AP
 Sample : VSTDCCC010EC
 Misc : 400mL/MSVOA_L
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC

Manual Integrations
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MMDadoda
 9/10/2021 10:47:28 AM

Quant Time: Sep 04 04:24:50 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	5.665	49	1835158	10.000	ppbv	0.02
33) 1,4-Difluorobenzene	7.172	114	5287313	10.000	ppbv	0.02
55) Chlorobenzene-d5	12.082	117	4785582m	10.000	ppbv	0.02

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.407	95	3617458	10.640	ppbv	0.01
Spiked Amount	10.000	Range	65 - 135	Recovery	= 106.400%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	3.047	85	2525776	8.578	ppbv	99
3) Chlorodifluoromethane	2.989	51	3155594	8.980	ppbv	99
4) Chloromethane	3.140	50	1186958	9.452	ppbv	97
5) Vinyl Chloride	3.256	62	1219019	9.475	ppbv	100
6) Bromomethane	3.475	94	660490	9.372	ppbv	96
7) Chloroethane	3.555	64	413247	9.411	ppbv	90
8) Dichlorotetrafluoroethane	3.186	85	2703970	8.895	ppbv	99
9) Propene	3.009	41	1198167	9.529	ppbv	98
10) Heptane	8.118	43	2884515	9.967	ppbv	97
11) Trichlorofluoromethane	3.948	101	2453330	8.876	ppbv	100
12) 1,1,2-Trichlorotrifluo...	4.481	101	1839038	9.067	ppbv	99
13) Ethanol	3.610	45	118757	9.706	ppbv	89
14) Bromoethene	3.735	108	861257	9.354	ppbv	99
15) Acetone	3.848	43	1407355	7.535	ppbv	99
16) 1,3-Butadiene	3.324	39	1171730	9.780	ppbv	99
17) tert-Butyl alcohol	4.285	59	1638625	9.604	ppbv	99
18) 1,1-Dichloroethene	4.288	96	852023	9.248	ppbv	97
19) Isopropyl Alcohol	3.957	45	995188	9.301	ppbv #	96
20) Methylene Chloride	4.343	84	721776	7.719	ppbv	97
21) Allyl Chloride	4.411	41	1384118	9.124	ppbv	95
22) trans-1,2-Dichloroethene	4.883	96	794621	8.645	ppbv	98
23) Vinyl Acetate	5.070	43	2908248	10.564	ppbv	99
24) 1,1-Dichloroethane	5.009	63	2043669	10.236	ppbv	99
25) Ethyl Acetate	5.674	43	4504991	9.502	ppbv	100
26) Hexane	5.684	57	2149157	9.271	ppbv	98
27) Carbon Disulfide	4.546	76	2030632	9.829	ppbv	98
28) Methyl tert-Butyl Ether	5.031	73	2240329	10.062	ppbv	99
29) Chloroform	5.748	83	2987840	9.095	ppbv	99
30) Cyclohexane	7.124	84	1802547	9.332	ppbv	98
31) cis-1,2-Dichloroethene	5.546	61	2016519	9.611	ppbv	99
32) 1,1,1-Trichloroethane	6.507	97	2882487	8.930	ppbv	99
34) 2-Butanone	5.240	43	2025315	9.380	ppbv	96
35) Carbon Tetrachloride	7.015	117	2973957	9.517	ppbv	98
36) Benzene	6.890	78	4383462	9.862	ppbv	99
37) 1,2-Dichloroethane	6.304	62	2073930	9.420	ppbv	99
38) Trichloroethene	7.832	130	1732320	9.499	ppbv	97
39) 1,2-Dichloropropane	7.607	63	1684046	9.860	ppbv	97
40) 1,4-Dioxane	7.828	88	399065m	9.537	ppbv	
41) Tetrahydrofuran	6.047	42	1104903	10.623	ppbv	97
42) Bromodichloromethane	7.787	83	3169913	9.846	ppbv	95
43) Methyl Methacrylate	8.008	69	1601519	10.338	ppbv	99
44) 2,2,4-Trimethylpentane	7.867	57	7240180	9.679	ppbv	99
45) t-1,3-Dichloropropene	9.272	75	1399205	11.998	ppbv	98

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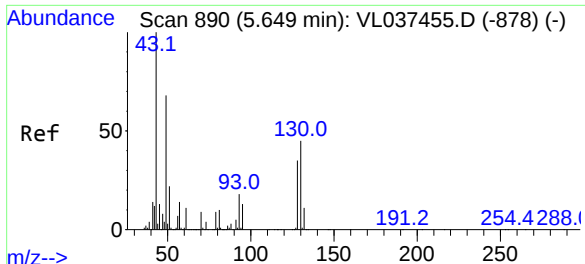
Manual Integrations
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 9/10/2021 10:47:28 AM

Quant Time: Sep 04 04:24:50 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

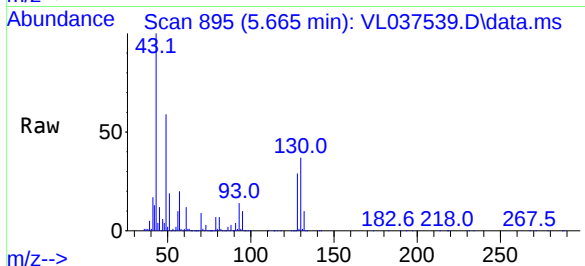
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.700	75	1835111	11.281	ppbv	96
47) 1,1,2-Trichloroethane	9.468	97	1770773	9.595	ppbv	98
48) Dibromochloromethane	10.301	129	2716419	10.229	ppbv	100
49) Bromoform	13.034	173	2160469	10.320	ppbv	99
50) 4-Methyl-2-Pentanone	8.738	43	2899016	10.292	ppbv	99
51) 2-Hexanone	10.127	43	1371875	10.589	ppbv	98
52) Tetrachloroethene	11.217	164	1615259	8.868	ppbv	99
53) Toluene	9.803	91	5073651	9.997	ppbv	100
54) 1,2-Dibromoethane	10.606	107	2523970	9.797	ppbv	97
56) 1,1,1,2-Tetrachloroethane	12.118	131	1888027	9.468	ppbv #	56
57) Chlorobenzene	12.140	112	3657942	9.211	ppbv	99
58) Ethyl Benzene	12.703	91	6365251	9.585	ppbv	98
59) m/p-Xylene	12.989	91	10545824m	18.317	ppbv	
60) o-Xylene	13.687	91	4847550	9.021	ppbv	98
61) Styrene	13.523	104	2838368	10.168	ppbv	99
62) Isopropylbenzene	14.661	105	6881424	9.074	ppbv	99
63) 1,1,2,2-Tetrachloroethane	13.671	83	3566700	8.931	ppbv	99
64) n-propylbenzene	15.558	120	1846484	9.567	ppbv	96
65) tert-Butylbenzene	16.738	119	6014174	8.707	ppbv	99
66) Benzyl Chloride	16.979	91	385038	12.324	ppbv	96
67) sec-Butylbenzene	17.285	105	8343441	8.645	ppbv	100
69) p-Isopropyltoluene	17.645	119	6998660	8.899	ppbv	100
70) n-Butylbenzene	18.542	91	6817275	9.071	ppbv	100
71) 2-Chlorotoluene	15.442	91	5023380	9.033	ppbv	100
72) 4-Ethyltoluene	15.835	105	6127671	9.587	ppbv	99
73) 1,3,5-Trimethylbenzene	15.989	105	5370444	9.027	ppbv	97
74) 1,2,4-Trimethylbenzene	16.757	105	5428438	8.586	ppbv #	90
75) 1,3-Dichlorobenzene	16.989	146	3398708	8.931	ppbv	98
76) 1,4-Dichlorobenzene	17.130	146	3252720	8.485	ppbv	97
77) 1,2-Dichlorobenzene	17.805	146	3153299	8.415	ppbv	99
78) Hexachloro-1,3-Butadiene	23.365	225	2805127	9.003	ppbv	99
79) Naphthalene	22.182	128	5151098	12.175	ppbv	97
80) Naphthalene,2-methyl-	24.963	142	1787193	15.163	ppbv	98
81) 1,2,4-Trichlorobenzene	21.915	180	2872581	10.820	ppbv	98

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



#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.665 min Scan# 895
Delta R.T. 0.016 min
Lab File: VL037539.D
Acq: 4 Sep 2021 2:29

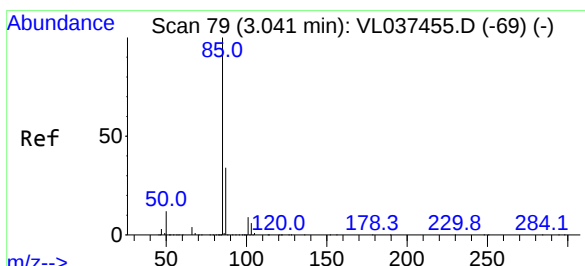
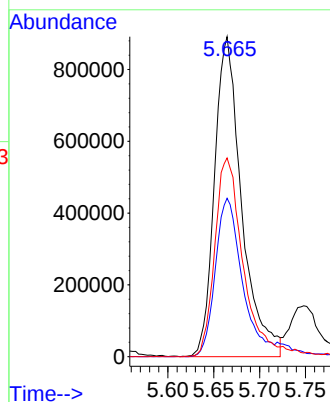
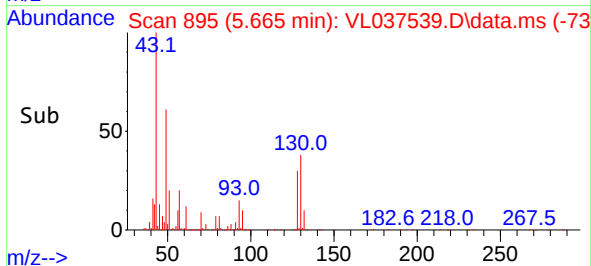
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



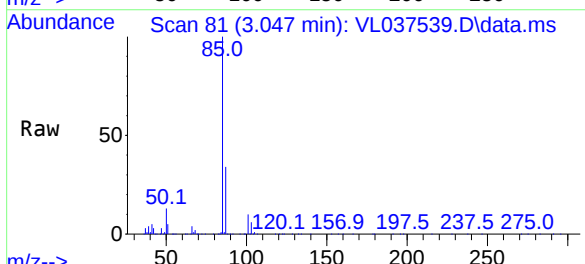
Tgt Ion: 49 Resp: 1835158
Ion Ratio Lower Upper
49 100
128 53.1 27.5 82.4
130 66.7 34.0 101.8

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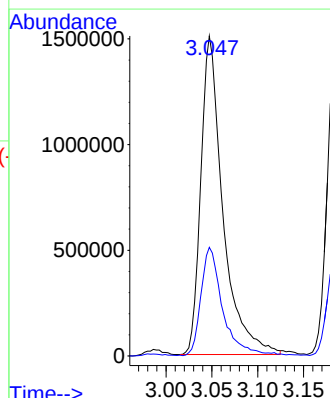
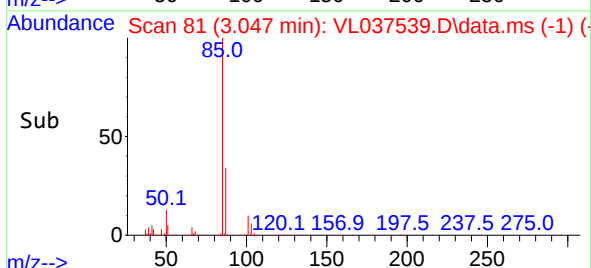
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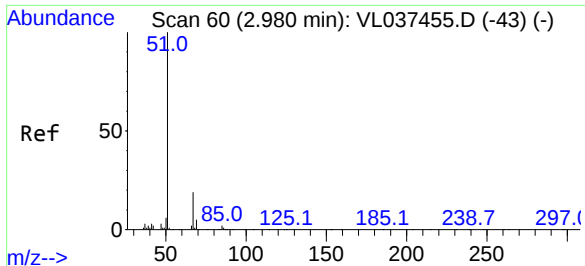


#2
Dichlorodifluoromethane
Concen: 8.578 ppbv
RT: 3.047 min Scan# 81
Delta R.T. 0.006 min
Lab File: VL037539.D
Acq: 4 Sep 2021 2:29



Tgt Ion: 85 Resp: 2525776
Ion Ratio Lower Upper
85 100
87 33.9 27.6 41.4





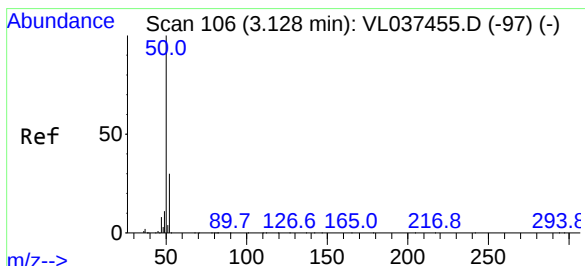
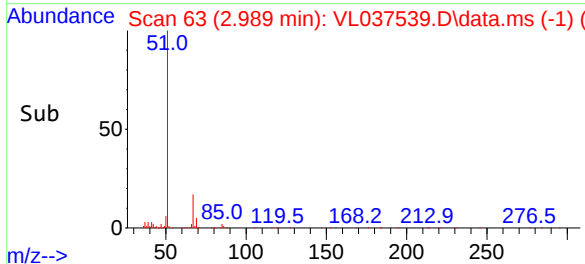
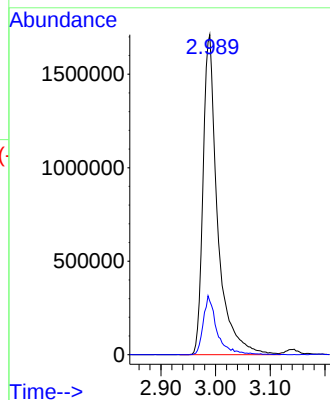
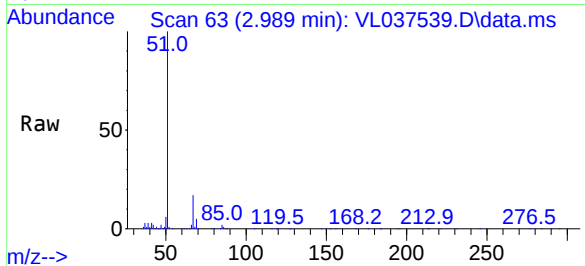
#3
Chlorodifluoromethane
Concen: 8.980 ppbv
RT: 2.989 min Scan# 63
Delta R.T. 0.010 min
Lab File: VL037539.D
Acq: 4 Sep 2021 2:29

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 51 Resp: 3155594
Ion Ratio Lower Upper
51 100
67 17.4 14.2 21.2

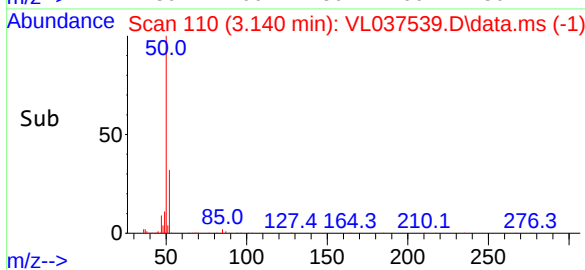
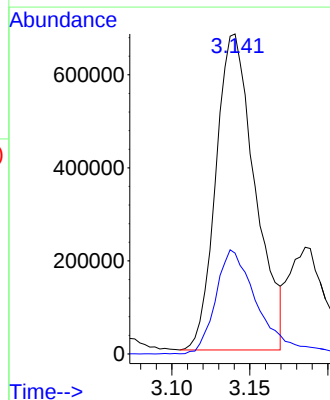
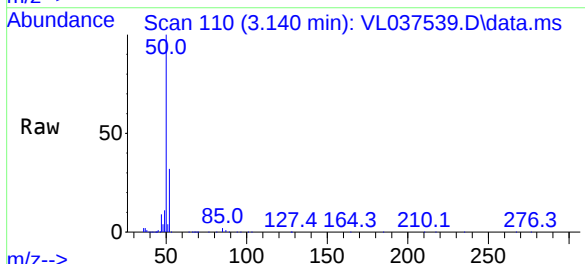
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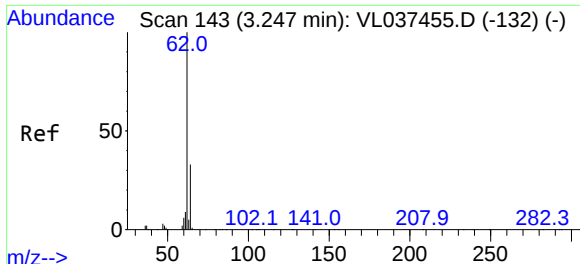
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#4
Chloromethane
Concen: 9.452 ppbv
RT: 3.140 min Scan# 110
Delta R.T. 0.013 min
Lab File: VL037539.D
Acq: 4 Sep 2021 2:29

Tgt Ion: 50 Resp: 1186958
Ion Ratio Lower Upper
50 100
52 31.9 24.0 36.0





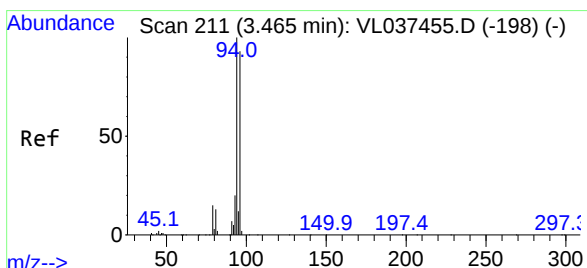
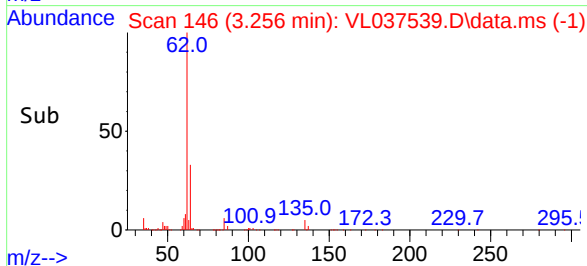
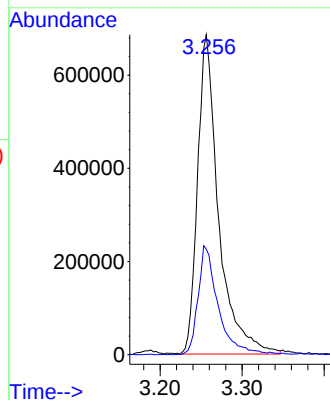
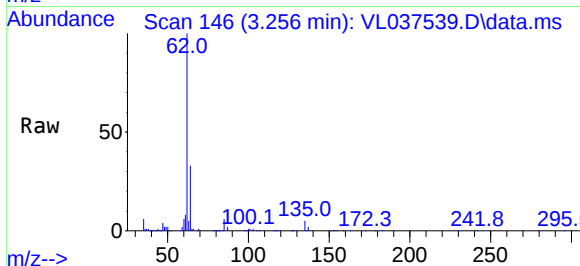
#5
 Vinyl Chloride
 Concen: 9.475 ppbv
 RT: 3.256 min Scan# 146
 Delta R.T. 0.010 min
 Lab File: VL037539.D
 Acq: 4 Sep 2021 2:29

Tgt Ion: 62 Resp: 1219019
 Ion Ratio Lower Upper
 62 100
 64 32.9 26.5 39.7

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC

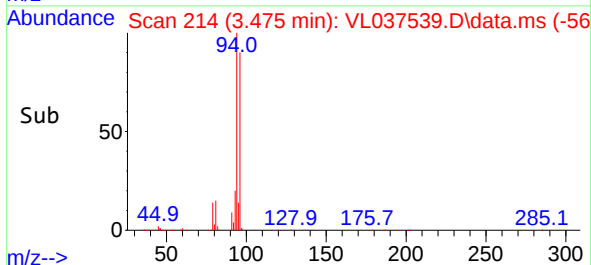
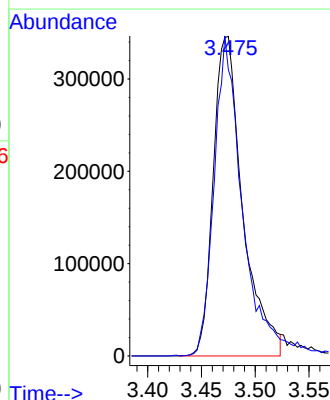
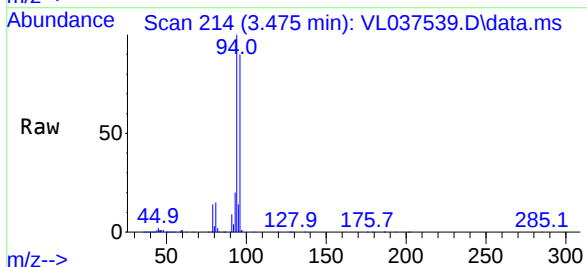
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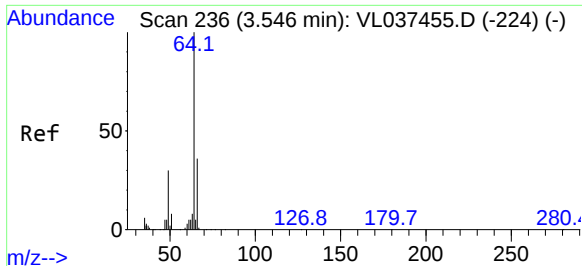
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#6
 Bromomethane
 Concen: 9.372 ppbv
 RT: 3.475 min Scan# 214
 Delta R.T. 0.010 min
 Lab File: VL037539.D
 Acq: 4 Sep 2021 2:29

Tgt Ion: 94 Resp: 660490
 Ion Ratio Lower Upper
 94 100
 96 89.6 74.5 111.7





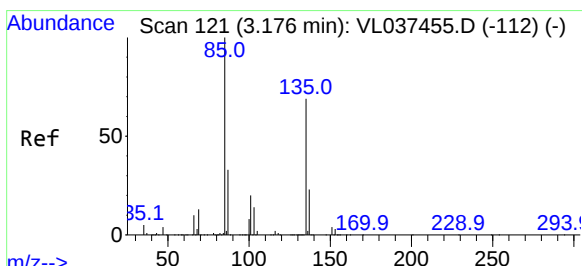
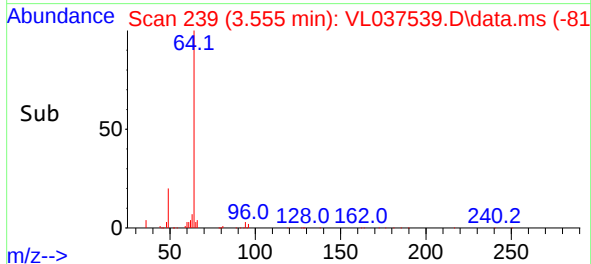
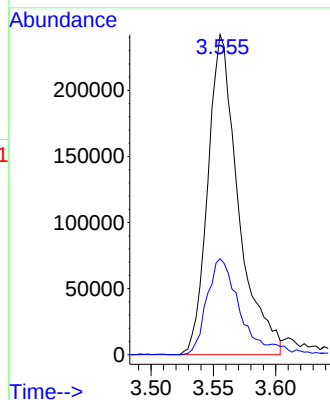
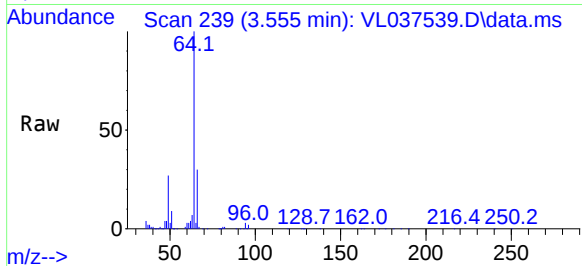
#7
Chloroethane
Concen: 9.411 ppbv
RT: 3.555 min Scan# 239
Delta R.T. 0.010 min
Lab File: VL037539.D
Acq: 4 Sep 2021 2:29

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 64 Resp: 413247
Ion Ratio Lower Upper
64 100
66 30.0 28.6 43.0

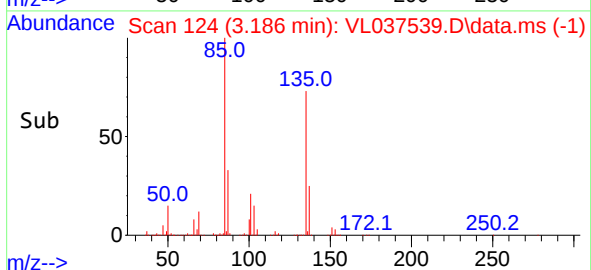
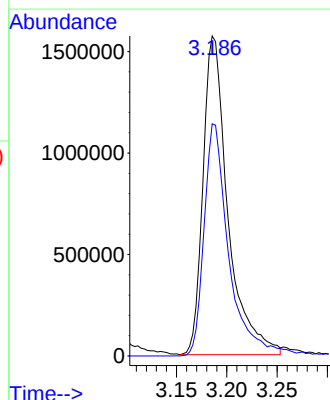
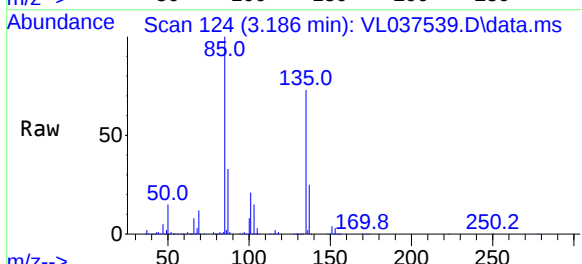
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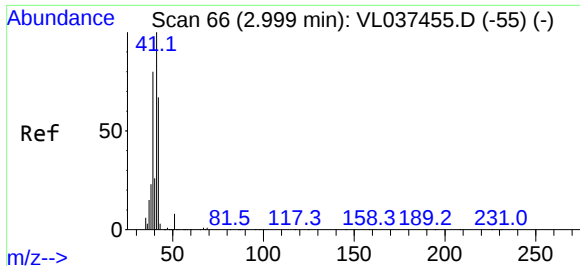
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#8
Dichlorotetrafluoroethane
Concen: 8.895 ppbv
RT: 3.186 min Scan# 124
Delta R.T. 0.010 min
Lab File: VL037539.D
Acq: 4 Sep 2021 2:29

Tgt Ion: 85 Resp: 2703970
Ion Ratio Lower Upper
85 100
135 74.0 58.8 88.2





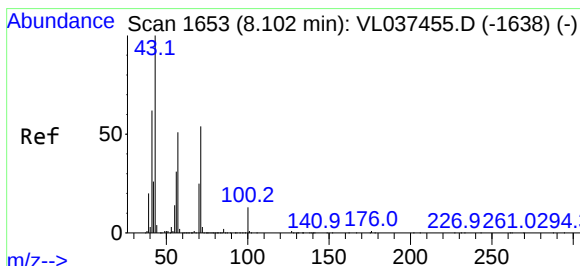
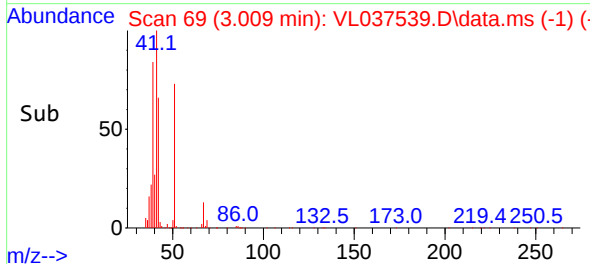
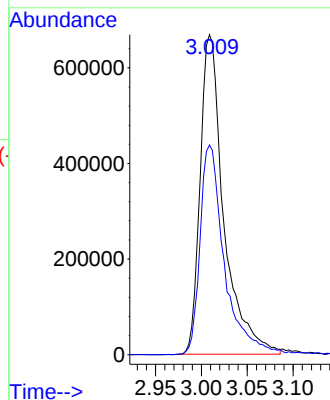
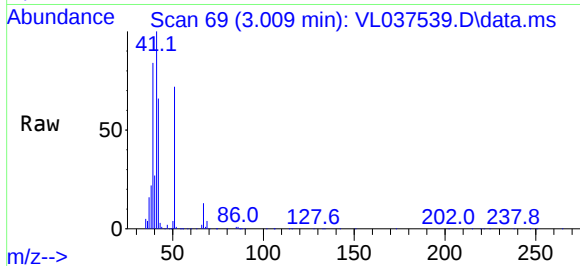
#9
Propene
Concen: 9.529 ppbv
RT: 3.009 min Scan# 69
Delta R.T. 0.010 min
Lab File: VL037539.D
Acq: 4 Sep 2021 2:29

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 41 Resp: 1198167
Ion Ratio Lower Upper
41 100
42 68.4 53.7 80.5

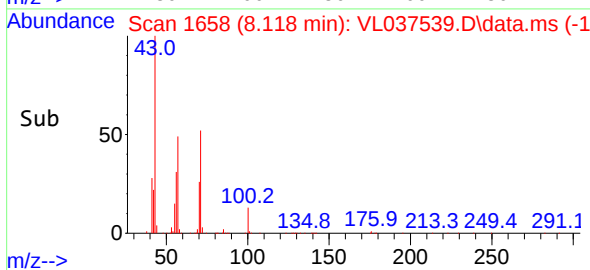
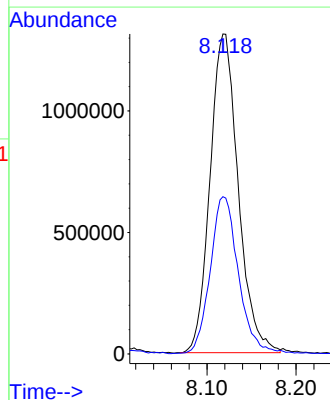
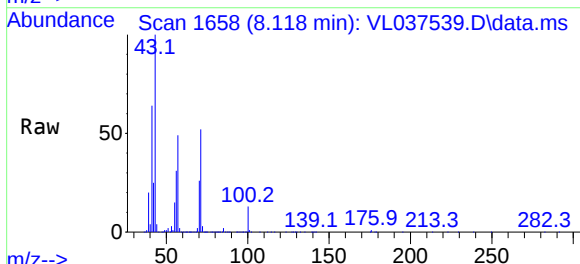
Manual Integrations
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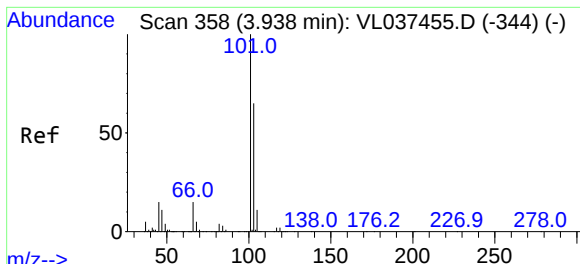
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9/10/2021 10:47:28 AM



#10
Heptane
Concen: 9.967 ppbv
RT: 8.118 min Scan# 1658
Delta R.T. 0.016 min
Lab File: VL037539.D
Acq: 4 Sep 2021 2:29

Tgt Ion: 43 Resp: 2884515
Ion Ratio Lower Upper
43 100
57 49.6 41.0 61.6





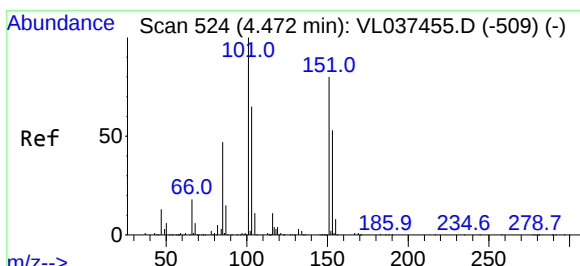
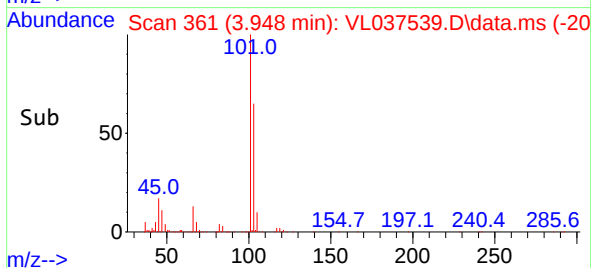
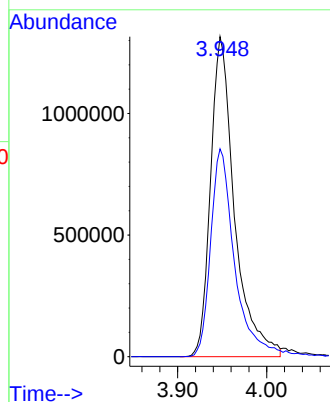
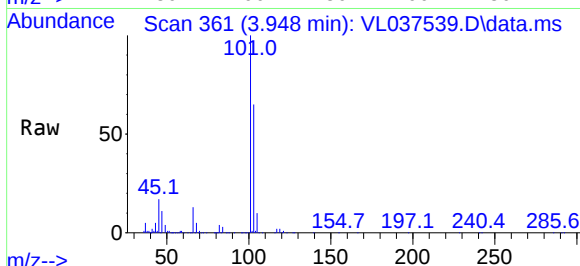
#11
Trichlorofluoromethane
Concen: 8.876 ppbv
RT: 3.948 min Scan# 361
Delta R.T. 0.010 min
Lab File: VL037539.D
Acq: 4 Sep 2021 2:29

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion:101 Resp: 2453330
Ion Ratio Lower Upper
101 100
103 64.9 51.8 77.6

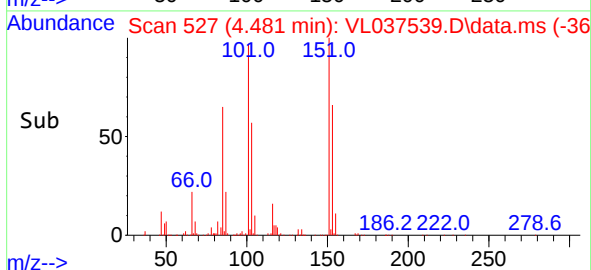
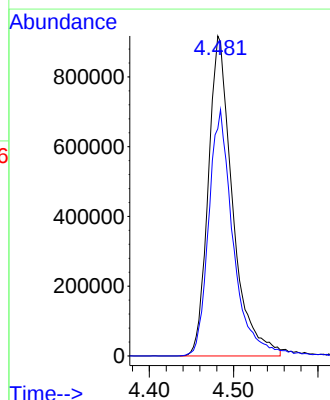
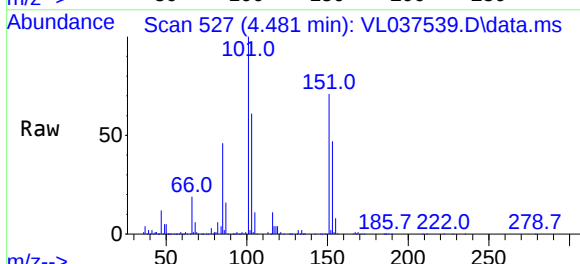
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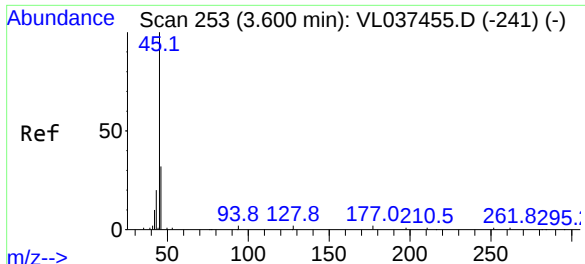
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#12
1,1,2-Trichlorotrifluoroethane
Concen: 9.067 ppbv
RT: 4.481 min Scan# 527
Delta R.T. 0.010 min
Lab File: VL037539.D
Acq: 4 Sep 2021 2:29

Tgt Ion:101 Resp: 1839038
Ion Ratio Lower Upper
101 100
151 78.4 63.7 95.5





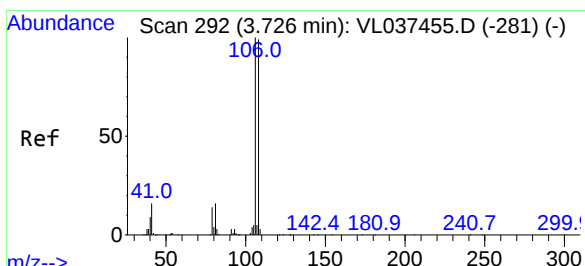
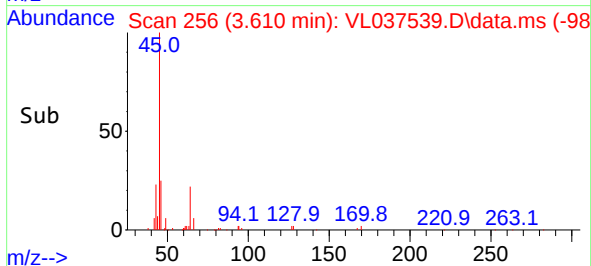
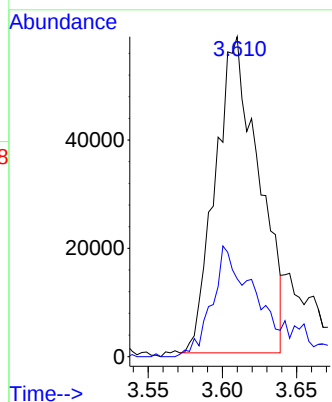
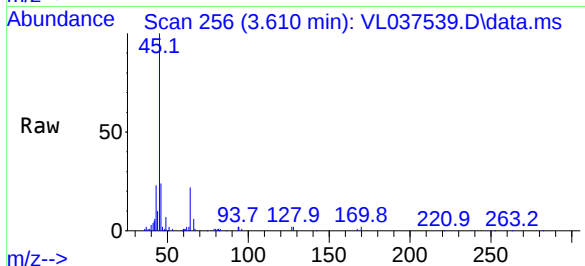
#13
Ethanol
Concen: 9.706 ppbv
RT: 3.610 min Scan# 256
Delta R.T. 0.010 min
Lab File: VL037539.D
Acq: 4 Sep 2021 2:29

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 45 Resp: 118757
Ion Ratio Lower Upper
45 100
46 41.9 14.1 56.5

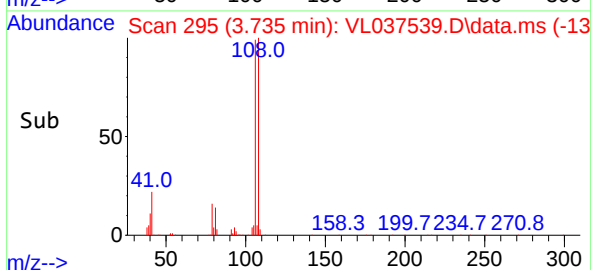
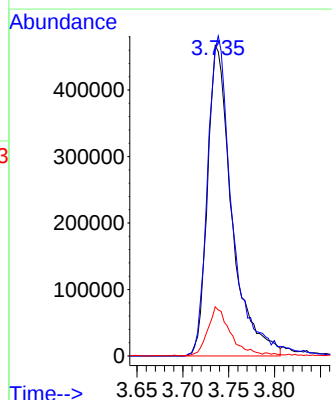
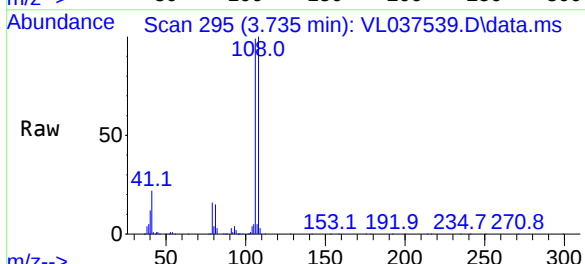
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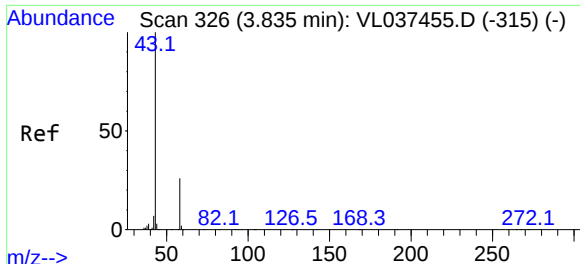
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#14
Bromoethene
Concen: 9.354 ppbv
RT: 3.735 min Scan# 295
Delta R.T. 0.010 min
Lab File: VL037539.D
Acq: 4 Sep 2021 2:29

Tgt Ion: 108 Resp: 861257
Ion Ratio Lower Upper
108 100
106 106.7 85.8 128.8
79 15.6 12.6 18.8





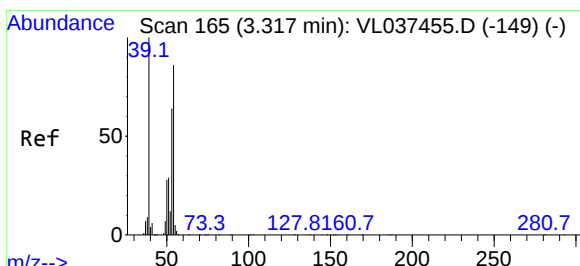
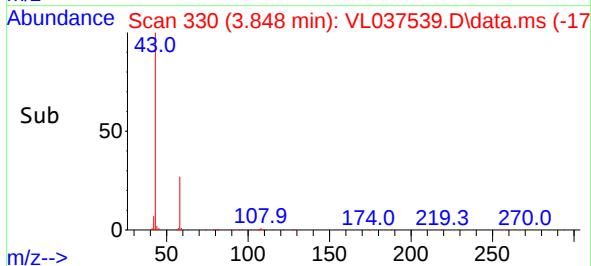
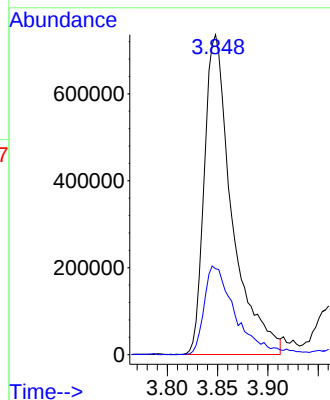
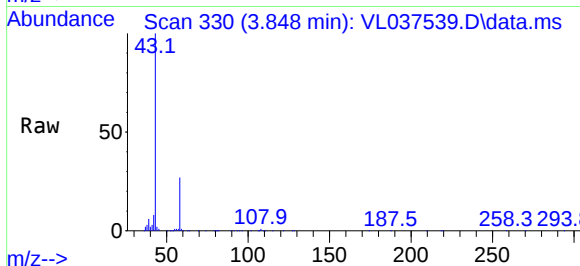
#15
Acetone
Concen: 7.535 ppbv
RT: 3.848 min Scan# 330
Delta R.T. 0.013 min
Lab File: VL037539.D
Acq: 4 Sep 2021 2:29

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 43 Resp: 1407355
Ion Ratio Lower Upper
43 100
58 31.8 24.8 37.2

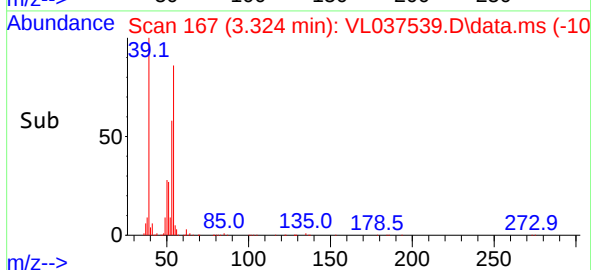
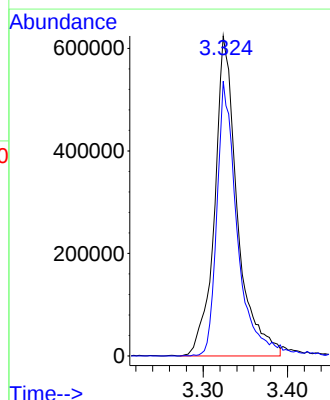
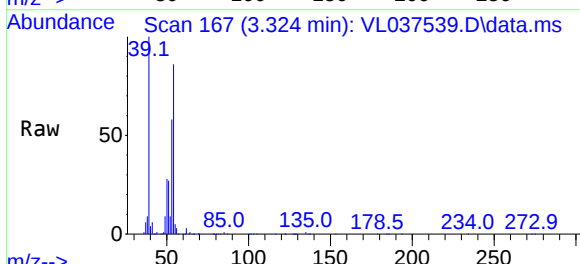
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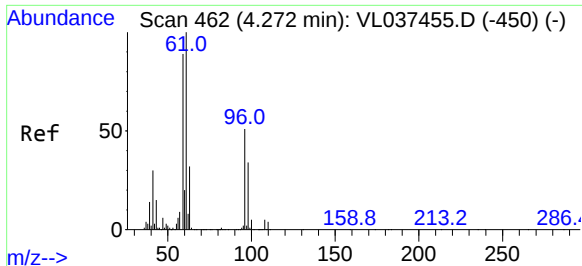
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#16
1,3-Butadiene
Concen: 9.780 ppbv
RT: 3.324 min Scan# 167
Delta R.T. 0.006 min
Lab File: VL037539.D
Acq: 4 Sep 2021 2:29

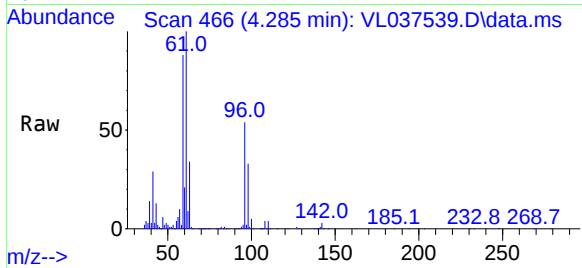
Tgt Ion: 39 Resp: 1171730
Ion Ratio Lower Upper
39 100
54 78.3 63.7 95.5





#17
tert-Butyl alcohol
Concen: 9.604 ppbv
RT: 4.285 min Scan# 466
Delta R.T. 0.013 min
Lab File: VL037539.D
Acq: 4 Sep 2021 2:29

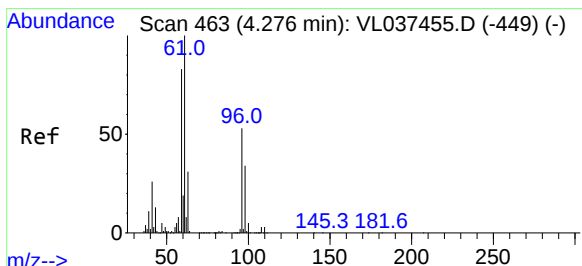
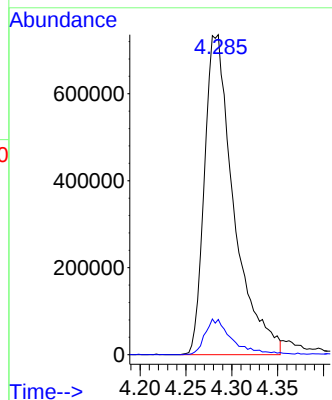
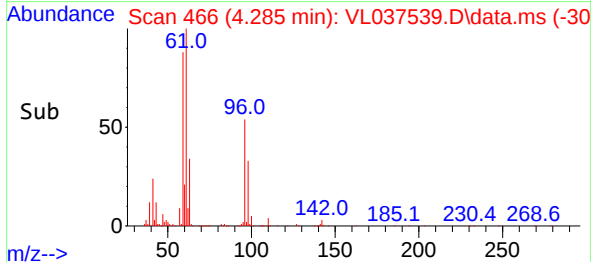
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



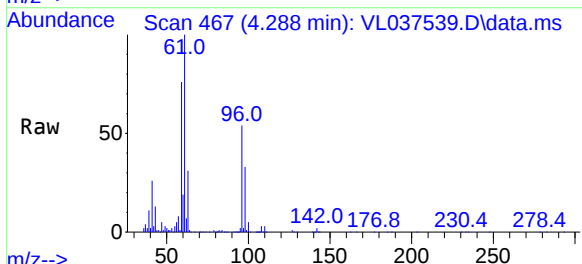
Tgt Ion: 59 Resp: 1638625
Ion Ratio Lower Upper
59 100
57 10.6 8.3 12.5

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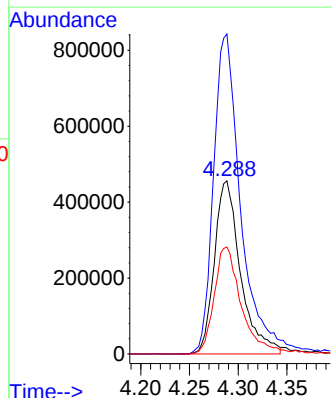
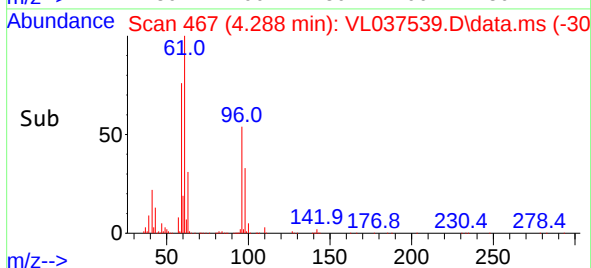
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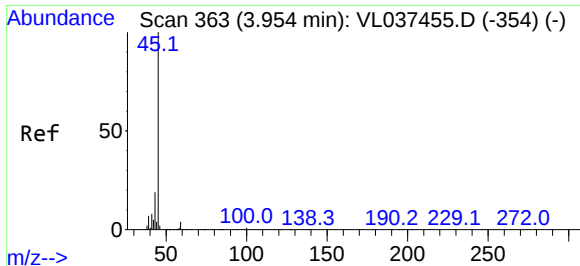


#18
1,1-Dichloroethene
Concen: 9.248 ppbv
RT: 4.288 min Scan# 467
Delta R.T. 0.013 min
Lab File: VL037539.D
Acq: 4 Sep 2021 2:29



Tgt Ion: 96 Resp: 852023
Ion Ratio Lower Upper
96 100
61 184.9 151.1 226.7
98 61.7 51.8 77.8





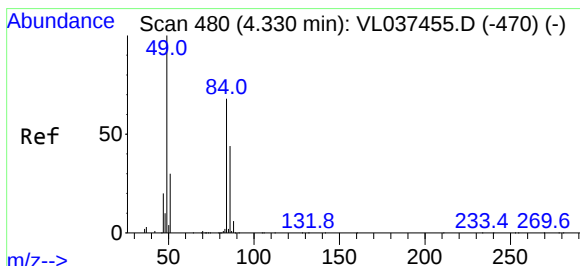
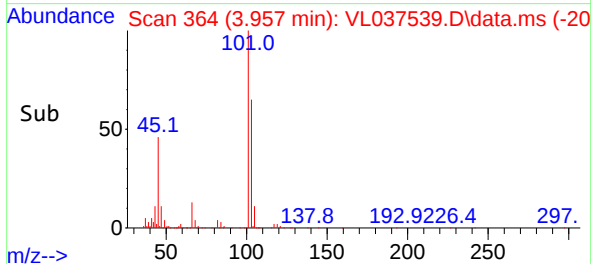
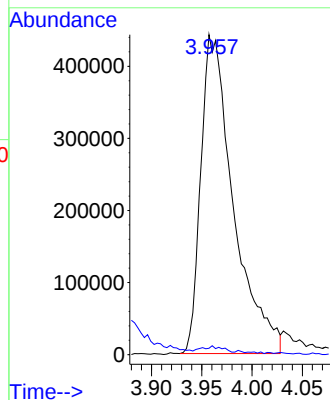
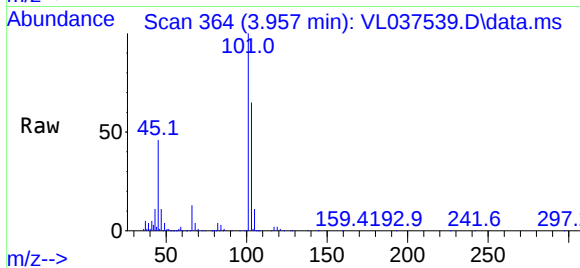
#19
Isopropyl Alcohol
Concen: 9.301 ppbv
RT: 3.957 min Scan# 364
Delta R.T. 0.003 min
Lab File: VL037539.D
Acq: 4 Sep 2021 2:29

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 45 Resp: 995188
Ion Ratio Lower Upper
45 100
58 3.2 1.4 2.2#

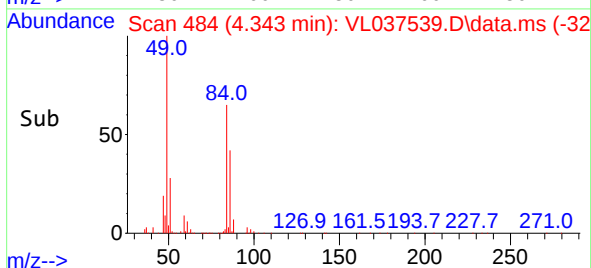
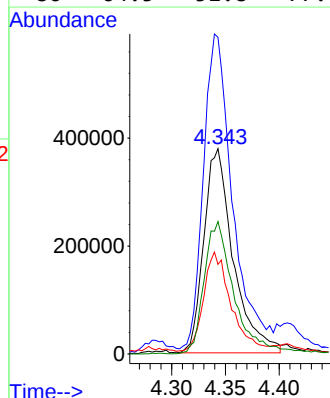
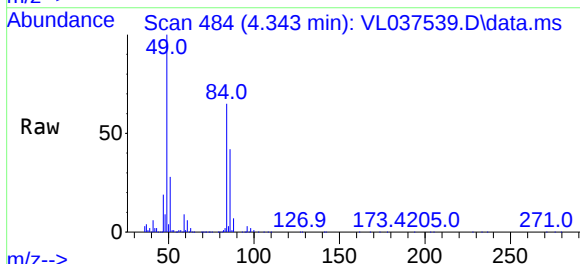
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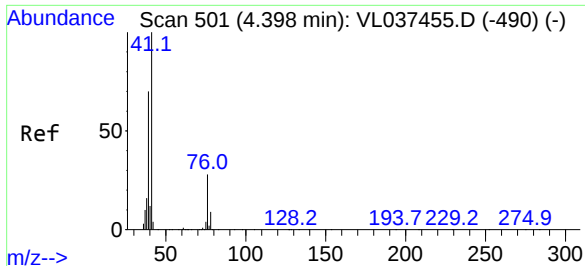
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#20
Methylene Chloride
Concen: 7.719 ppbv
RT: 4.343 min Scan# 484
Delta R.T. 0.013 min
Lab File: VL037539.D
Acq: 4 Sep 2021 2:29

Tgt Ion: 84 Resp: 721776
Ion Ratio Lower Upper
84 100
49 152.5 118.2 177.2
51 42.3 36.6 55.0
86 64.5 51.8 77.6





#21
 Allyl Chloride
 Concen: 9.124 ppbv
 RT: 4.411 min Scan# 505
 Delta R.T. 0.013 min
 Lab File: VL037539.D
 Acq: 4 Sep 2021 2:29

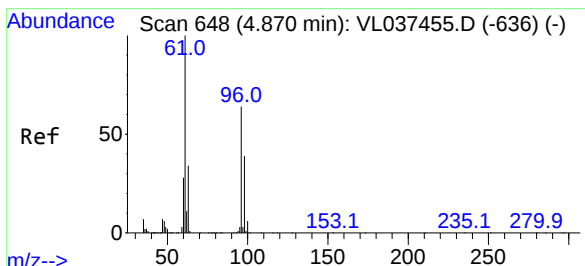
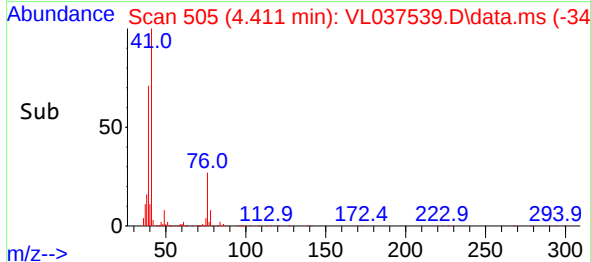
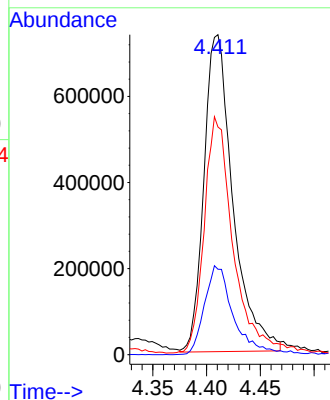
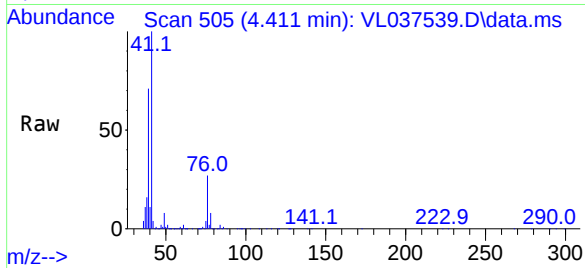
Tgt Ion: 41 Resp: 1384118

Ion	Ratio	Lower	Upper
41	100		
76	28.5	21.8	32.6
39	76.3	56.8	85.2

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC

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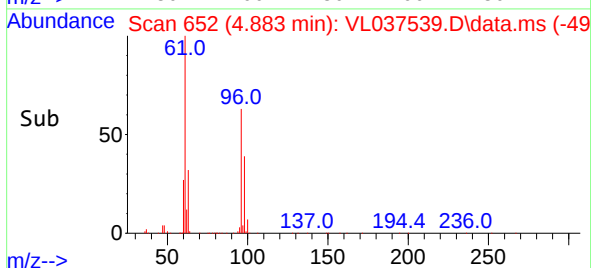
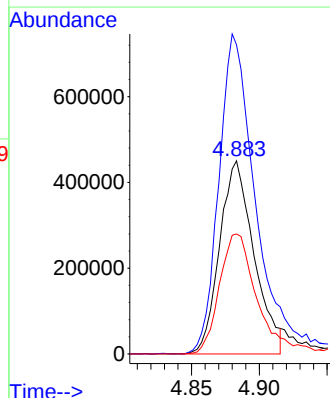
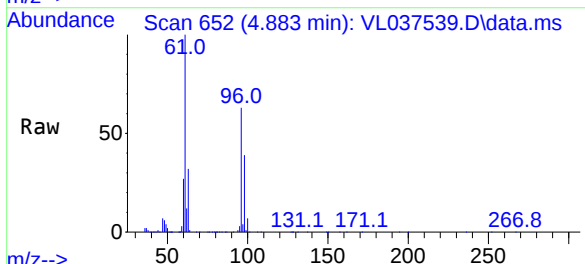
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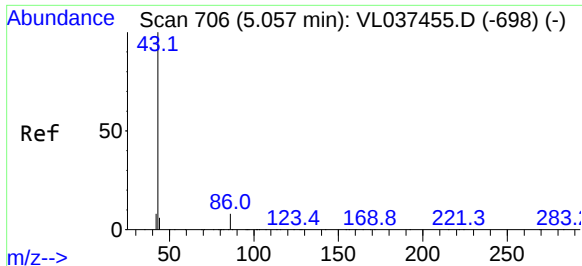


#22
 trans-1,2-Dichloroethene
 Concen: 8.645 ppbv
 RT: 4.883 min Scan# 652
 Delta R.T. 0.013 min
 Lab File: VL037539.D
 Acq: 4 Sep 2021 2:29

Tgt Ion: 96 Resp: 794621

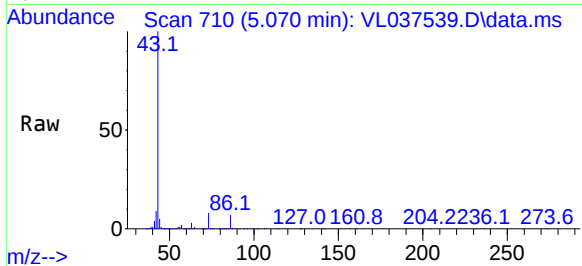
Ion	Ratio	Lower	Upper
96	100		
61	159.8	125.5	188.3
98	62.0	49.0	73.4





#23
 Vinyl Acetate
 Concen: 10.564 ppbv
 RT: 5.070 min Scan# 710
 Delta R.T. 0.013 min
 Lab File: VL037539.D
 Acq: 4 Sep 2021 2:29

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC

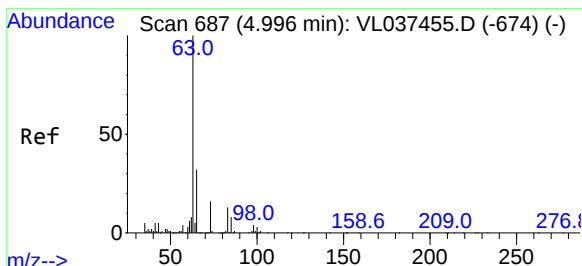
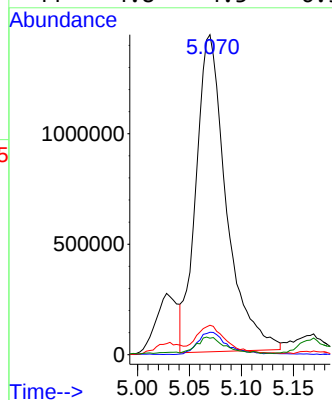
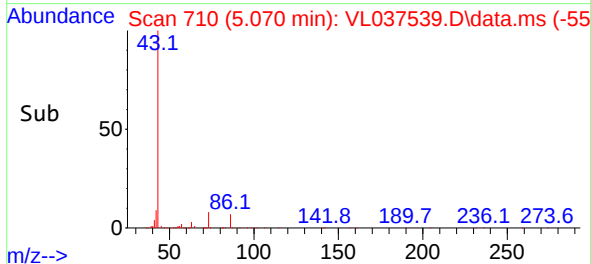


Tgt Ion: 43 Resp: 2908248

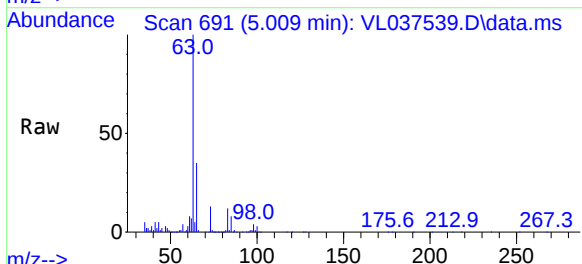
Ion	Ratio	Lower	Upper
43	100		
86	7.1	5.7	8.5
42	9.1	7.4	11.2
44	4.8	4.3	6.5

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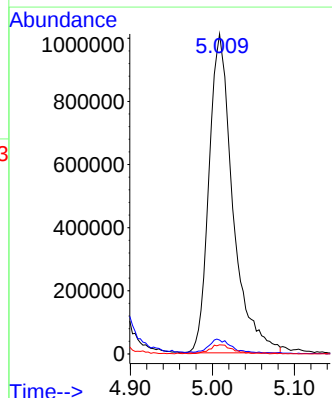
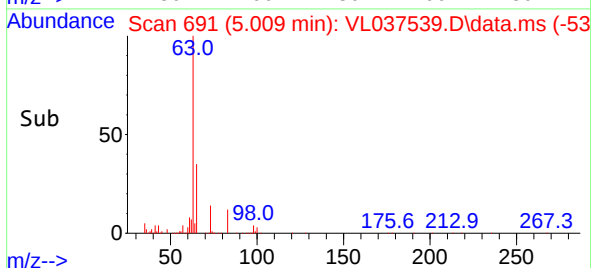


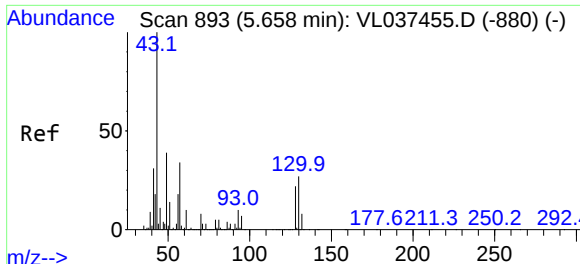
#24
 1,1-Dichloroethane
 Concen: 10.236 ppbv
 RT: 5.009 min Scan# 691
 Delta R.T. 0.013 min
 Lab File: VL037539.D
 Acq: 4 Sep 2021 2:29



Tgt Ion: 63 Resp: 2043669

Ion	Ratio	Lower	Upper
63	100		
98	3.9	2.1	6.3
100	2.7	1.6	4.7





#25
Ethyl Acetate
Concen: 9.502 ppbv
RT: 5.674 min Scan# 898
Delta R.T. 0.016 min
Lab File: VL037539.D
Acq: 4 Sep 2021 2:29

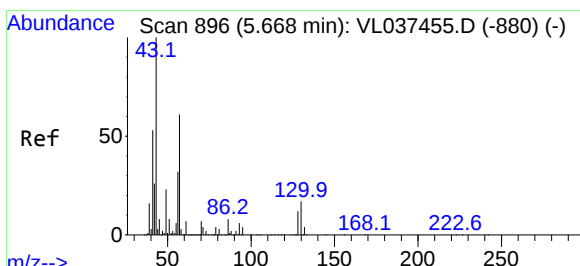
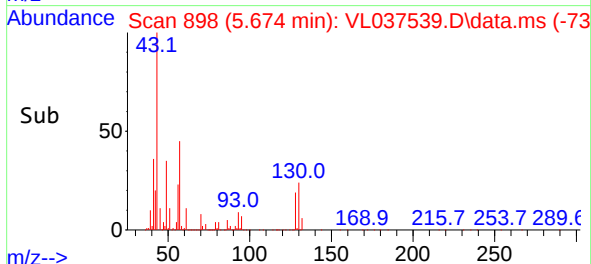
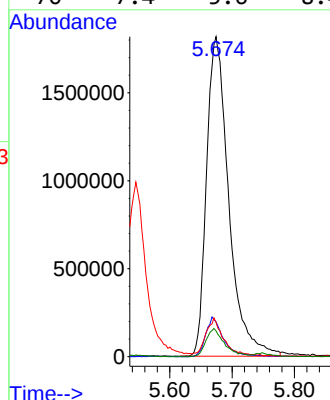
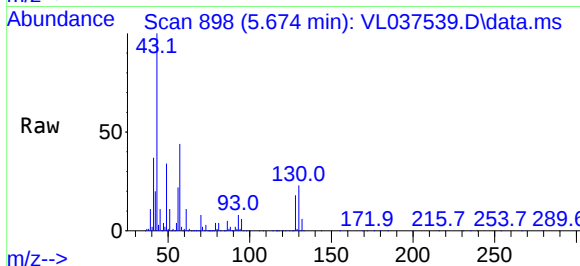
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 43 Resp: 4504991

Ion	Ratio	Lower	Upper
43	100		
45	10.0	8.0	12.0
61	9.9	8.0	12.0
70	7.4	5.6	8.4

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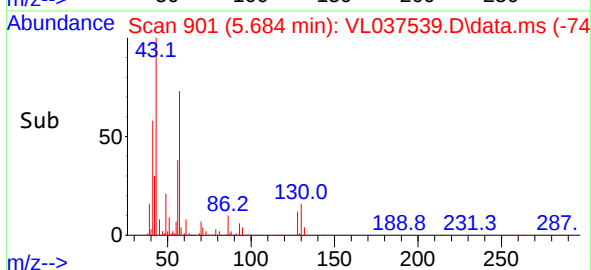
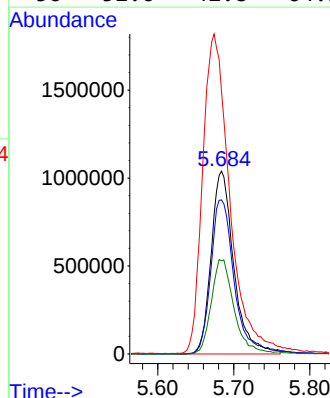
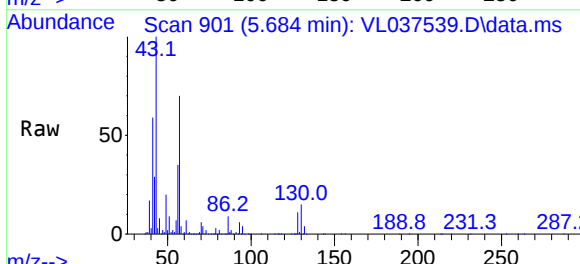
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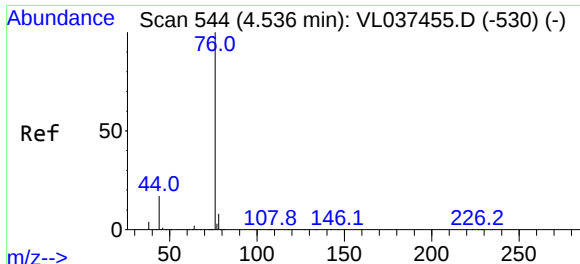


#26
Hexane
Concen: 9.271 ppbv
RT: 5.684 min Scan# 901
Delta R.T. 0.016 min
Lab File: VL037539.D
Acq: 4 Sep 2021 2:29

Tgt Ion: 57 Resp: 2149157

Ion	Ratio	Lower	Upper
57	100		
41	88.4	72.3	108.5
43	212.1	172.3	258.5
56	52.6	42.8	64.2





#27
Carbon Disulfide
Concen: 9.829 ppbv
RT: 4.546 min Scan# 547
Delta R.T. 0.010 min
Lab File: VL037539.D
Acq: 4 Sep 2021 2:29

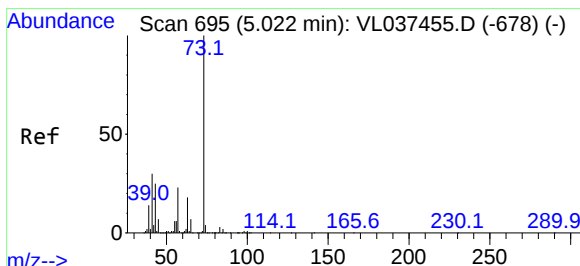
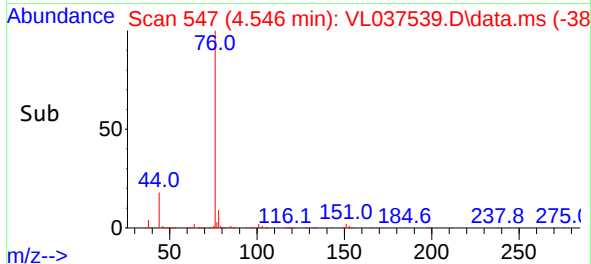
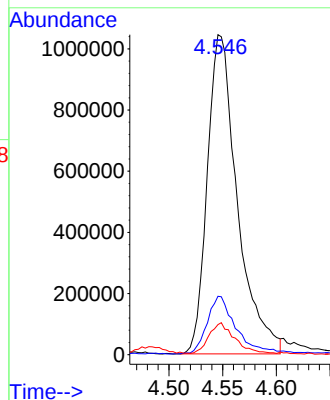
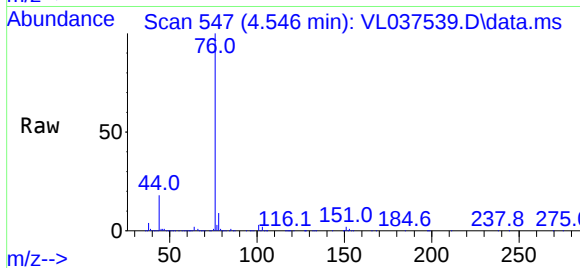
Tgt Ion: 76 Resp: 2030632

Ion	Ratio	Lower	Upper
76	100		
44	18.3	13.9	20.9
78	9.5	7.9	11.9

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

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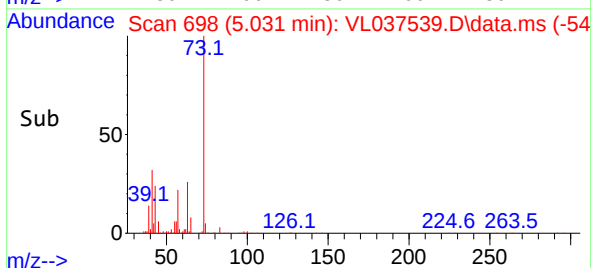
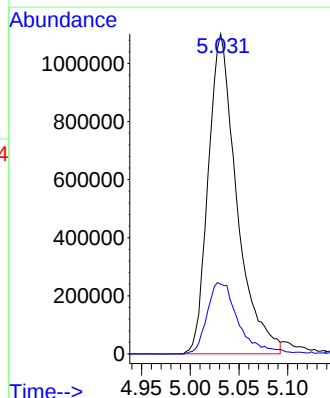
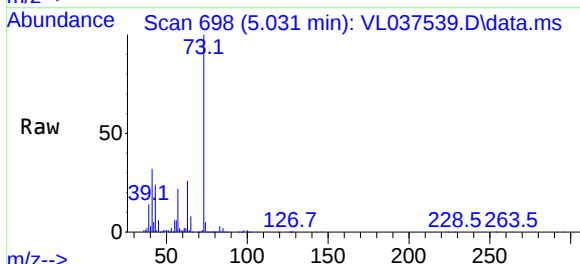
MMDadoda
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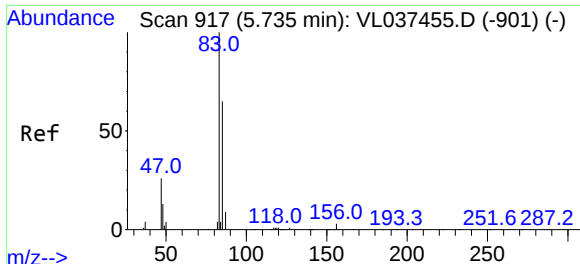


#28
Methyl tert-Butyl Ether
Concen: 10.062 ppbv
RT: 5.031 min Scan# 698
Delta R.T. 0.010 min
Lab File: VL037539.D
Acq: 4 Sep 2021 2:29

Tgt Ion: 73 Resp: 2240329

Ion	Ratio	Lower	Upper
73	100		
57	24.7	19.4	29.2





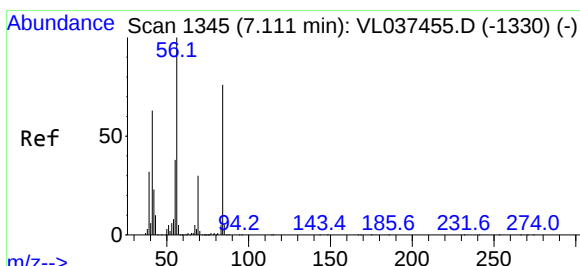
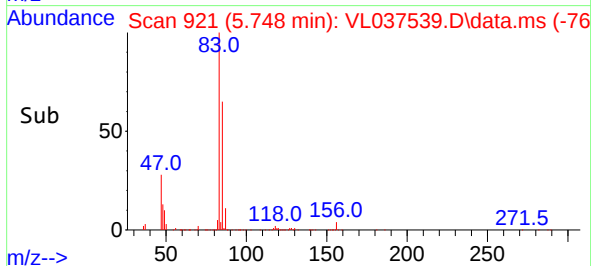
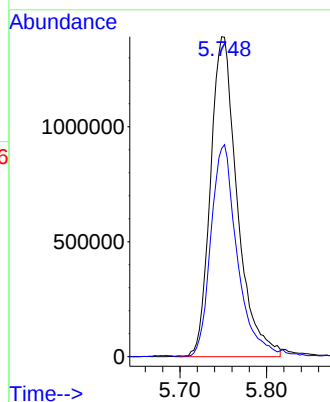
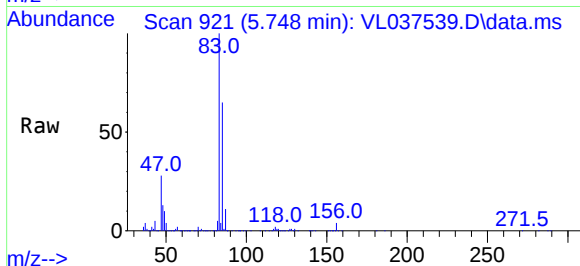
#29
Chloroform
Concen: 9.095 ppbv
RT: 5.748 min Scan# 921
Delta R.T. 0.013 min
Lab File: VL037539.D
Acq: 4 Sep 2021 2:29

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 83 Resp: 2987840
Ion Ratio Lower Upper
83 100
85 64.8 52.3 78.5

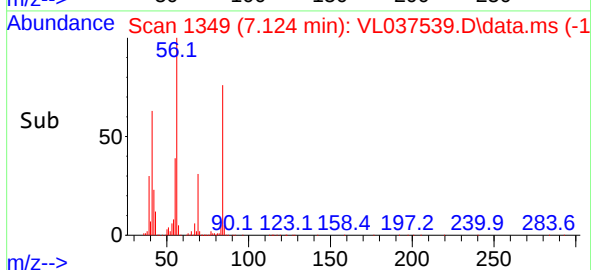
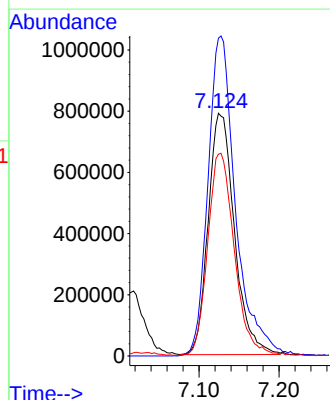
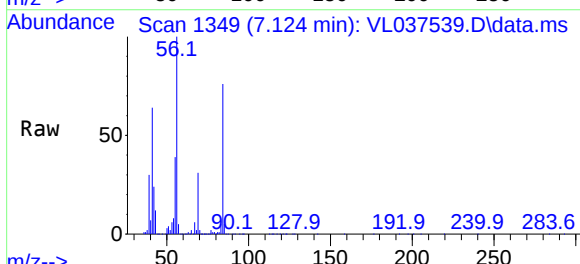
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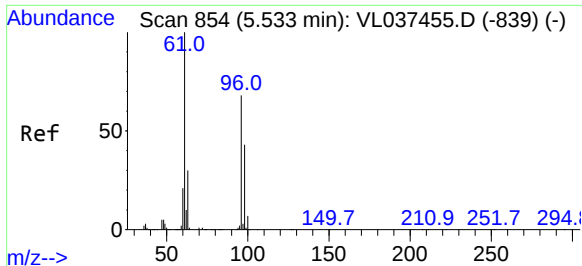
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#30
Cyclohexane
Concen: 9.332 ppbv
RT: 7.124 min Scan# 1349
Delta R.T. 0.013 min
Lab File: VL037539.D
Acq: 4 Sep 2021 2:29

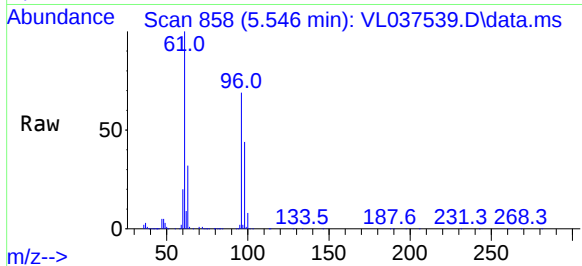
Tgt Ion: 84 Resp: 1802547
Ion Ratio Lower Upper
84 100
56 140.0 110.6 165.8
41 85.8 67.0 100.6





#31
cis-1,2-Dichloroethene
Concen: 9.611 ppbv
RT: 5.546 min Scan# 858
Delta R.T. 0.013 min
Lab File: VL037539.D
Acq: 4 Sep 2021 2:29

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

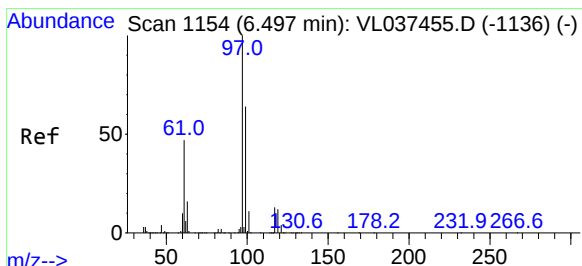
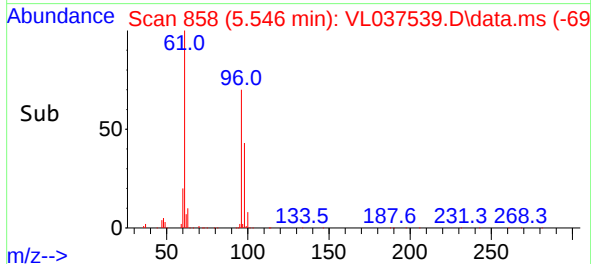
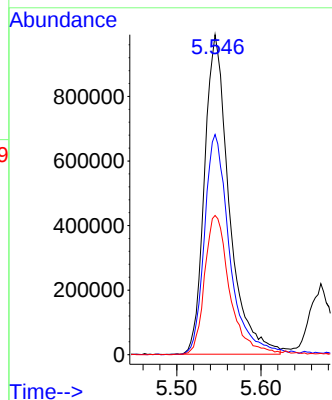


Tgt Ion: 61 Resp: 2016519

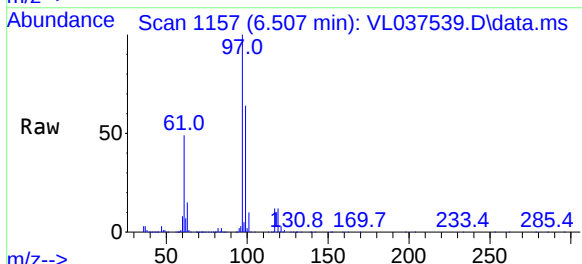
Ion	Ratio	Lower	Upper
61	100		
96	68.9	54.8	82.2
98	43.5	34.2	51.2

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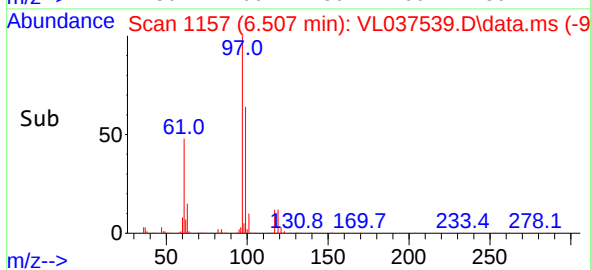
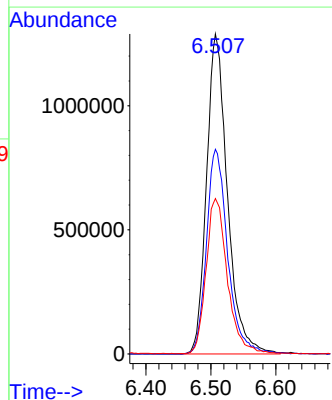


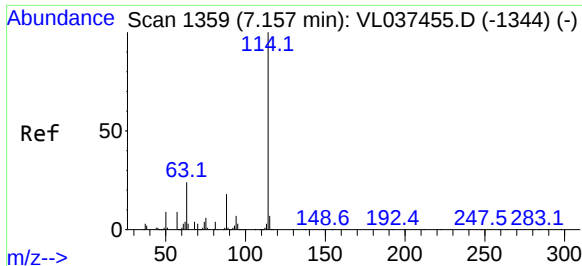
#32
1,1,1-Trichloroethane
Concen: 8.930 ppbv
RT: 6.507 min Scan# 1157
Delta R.T. 0.010 min
Lab File: VL037539.D
Acq: 4 Sep 2021 2:29



Tgt Ion: 97 Resp: 2882487

Ion	Ratio	Lower	Upper
97	100		
99	65.4	51.8	77.6
61	49.8	39.6	59.4





#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.172 min Scan# 1364
Delta R.T. 0.016 min
Lab File: VL037539.D
Acq: 4 Sep 2021 2:29

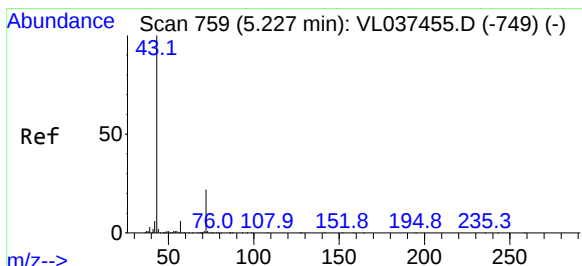
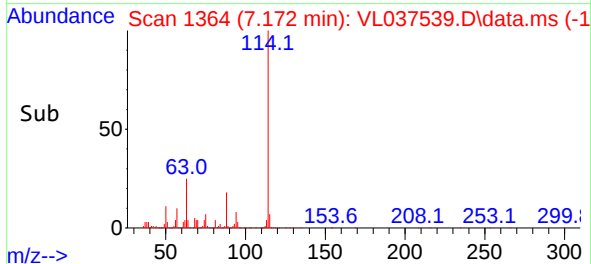
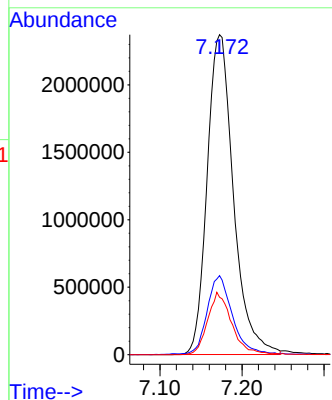
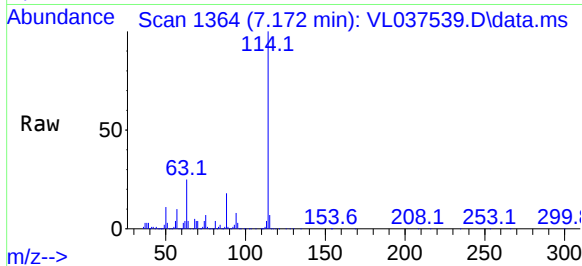
Tgt Ion: 114 Resp: 5287313

Ion	Ratio	Lower	Upper
114	100		
63	24.3	19.3	28.9
88	18.0	14.2	21.4

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

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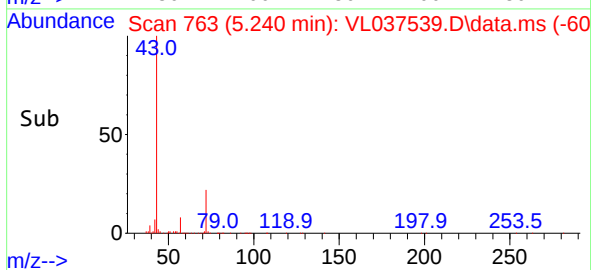
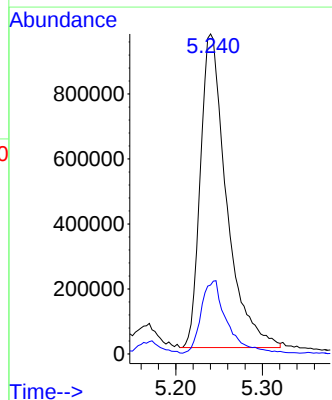
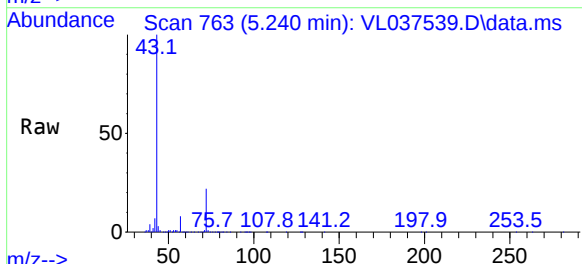
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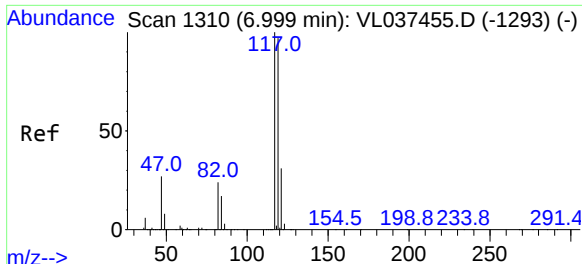


#34
2-Butanone
Concen: 9.380 ppbv
RT: 5.240 min Scan# 763
Delta R.T. 0.013 min
Lab File: VL037539.D
Acq: 4 Sep 2021 2:29

Tgt Ion: 43 Resp: 2025315

Ion	Ratio	Lower	Upper
43	100		
72	23.7	17.4	26.0





#35
Carbon Tetrachloride
Concen: 9.517 ppbv
RT: 7.015 min Scan# 1315
Delta R.T. 0.016 min
Lab File: VL037539.D
Acq: 4 Sep 2021 2:29

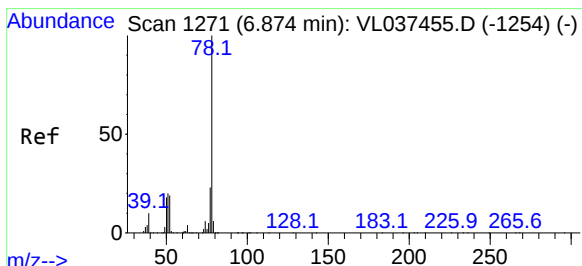
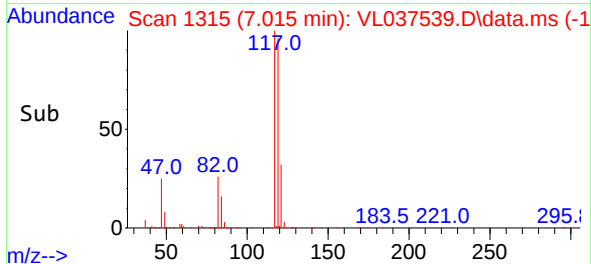
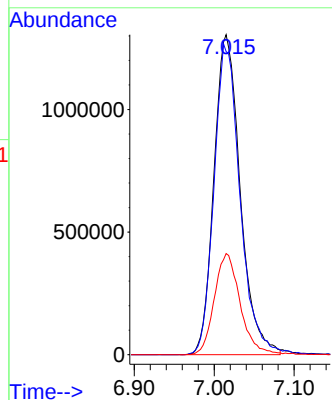
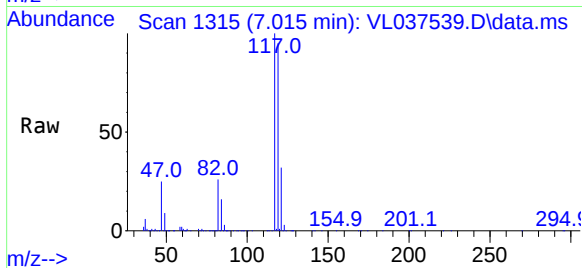
Tgt Ion: 117 Resp: 2973957

Ion	Ratio	Lower	Upper
117	100		
119	94.7	77.3	115.9
121	31.6	25.2	37.8

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

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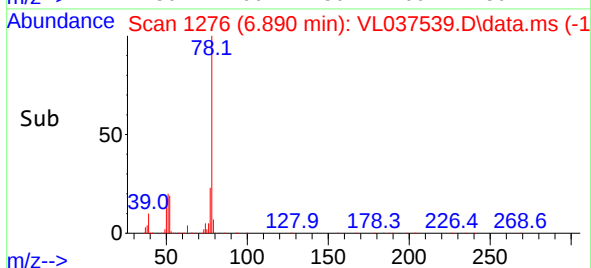
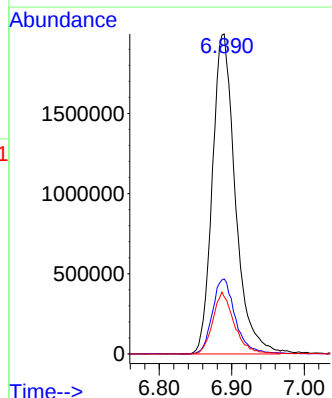
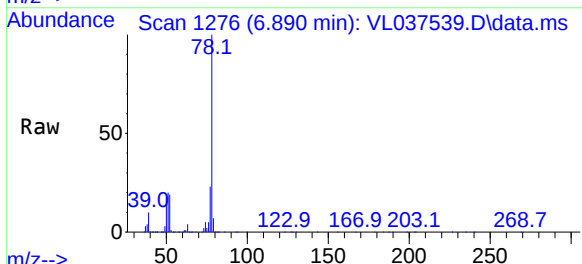
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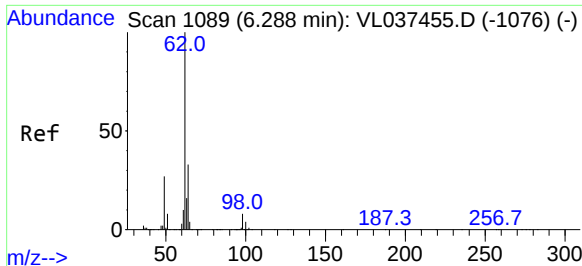


#36
Benzene
Concen: 9.862 ppbv
RT: 6.890 min Scan# 1276
Delta R.T. 0.016 min
Lab File: VL037539.D
Acq: 4 Sep 2021 2:29

Tgt Ion: 78 Resp: 4383462

Ion	Ratio	Lower	Upper
78	100		
77	23.4	18.2	27.4
50	17.8	14.6	21.8





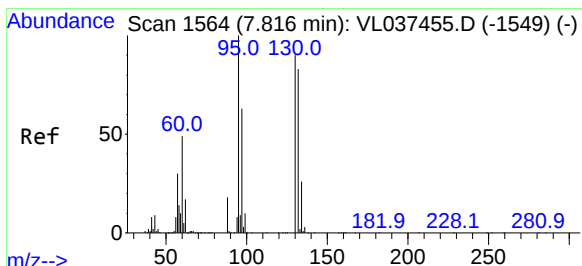
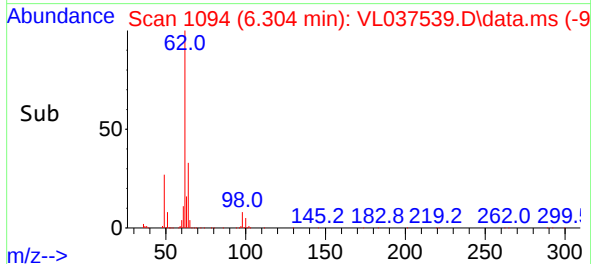
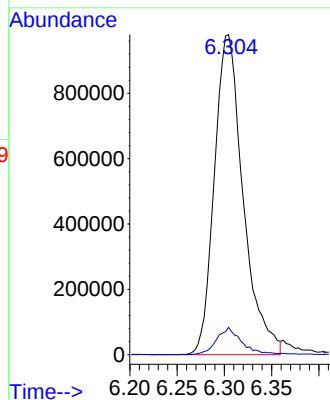
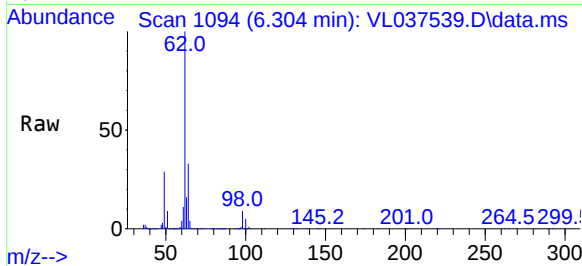
#37
1,2-Dichloroethane
Concen: 9.420 ppbv
RT: 6.304 min Scan# 1094
Delta R.T. 0.016 min
Lab File: VL037539.D
Acq: 4 Sep 2021 2:29

Tgt Ion: 62 Resp: 2073930
Ion Ratio Lower Upper
62 100
98 7.7 6.0 9.0

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

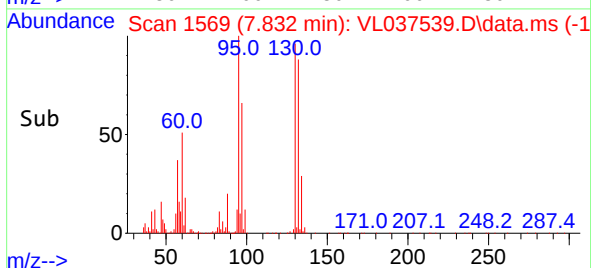
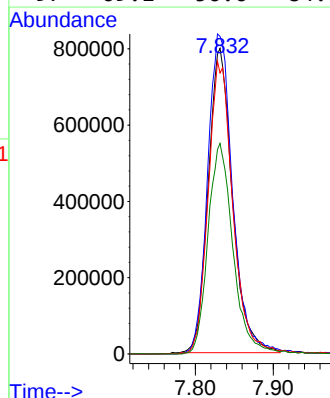
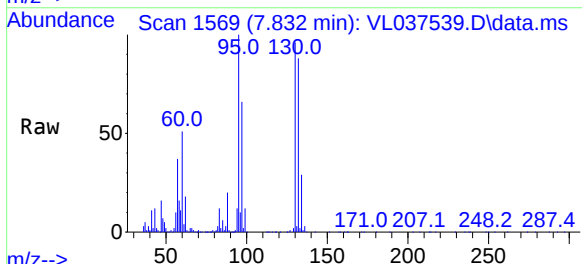
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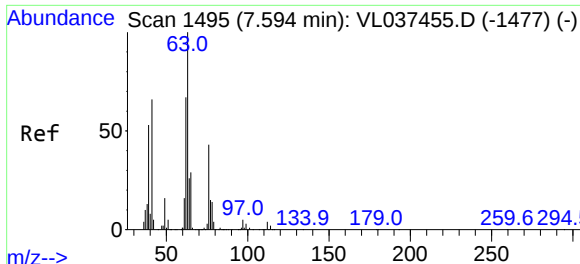
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#38
Trichloroethene
Concen: 9.499 ppbv
RT: 7.832 min Scan# 1569
Delta R.T. 0.016 min
Lab File: VL037539.D
Acq: 4 Sep 2021 2:29

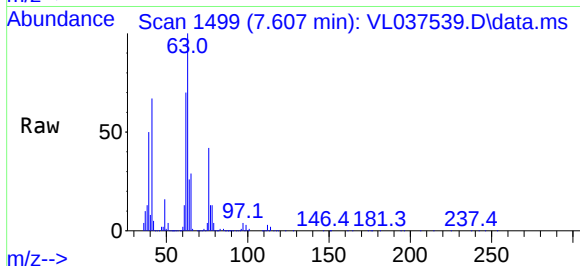
Tgt Ion: 130 Resp: 1732320
Ion Ratio Lower Upper
130 100
95 104.2 89.2 133.8
132 92.1 74.0 111.0
97 69.1 56.6 84.8





#39
1,2-Dichloropropane
Concen: 9.860 ppbv
RT: 7.607 min Scan# 1499
Delta R.T. 0.013 min
Lab File: VL037539.D
Acq: 4 Sep 2021 2:29

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

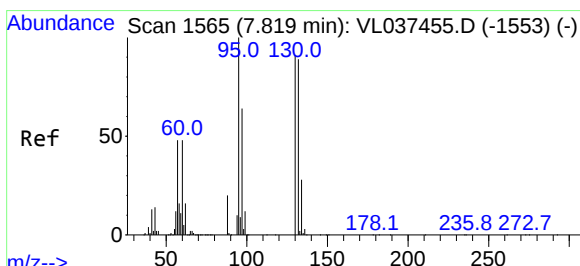
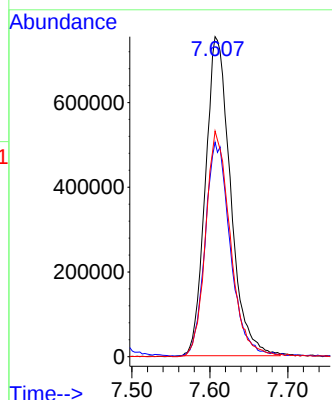
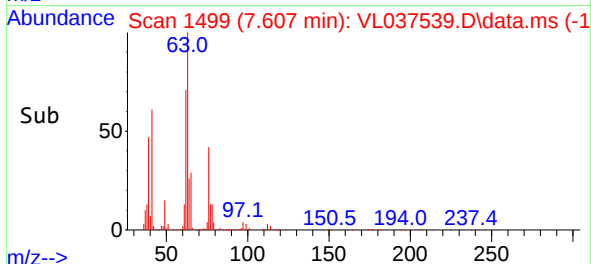


Tgt Ion: 63 Resp: 1684046

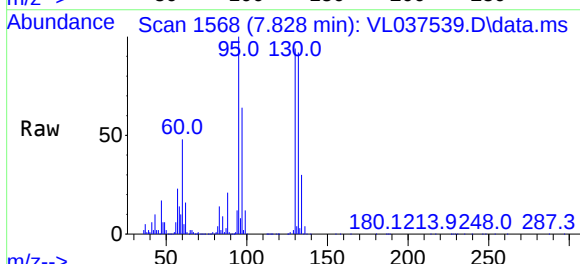
Ion	Ratio	Lower	Upper
63	100		
41	67.1	52.4	78.6
62	70.6	53.6	80.4

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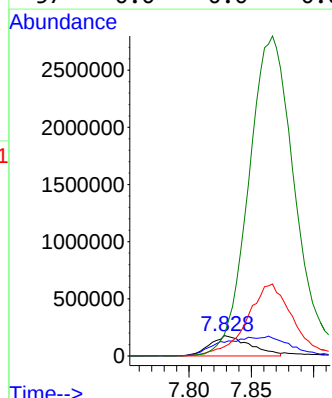
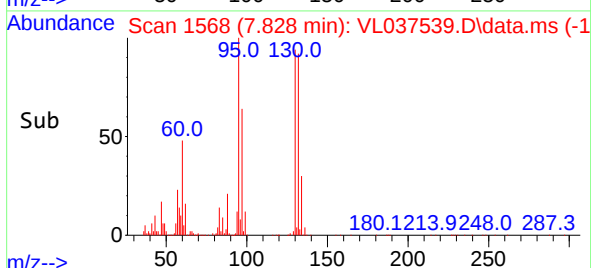


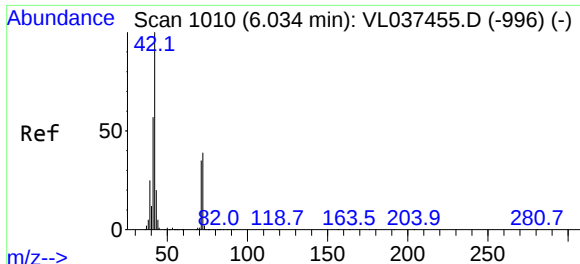
#40
1,4-Dioxane
Concen: 9.537 ppbv m
RT: 7.828 min Scan# 1568
Delta R.T. 0.010 min
Lab File: VL037539.D
Acq: 4 Sep 2021 2:29



Tgt Ion: 88 Resp: 399065

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: 10.623 ppbv
RT: 6.047 min Scan# 1014
Delta R.T. 0.013 min
Lab File: VL037539.D
Acq: 4 Sep 2021 2:29

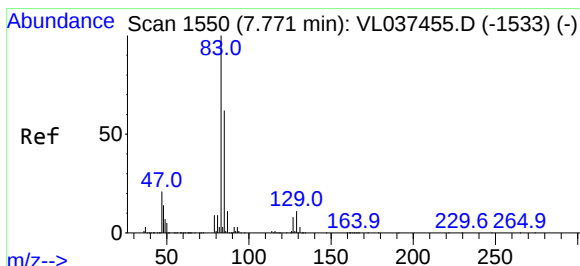
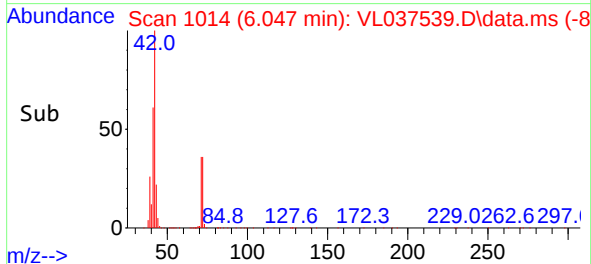
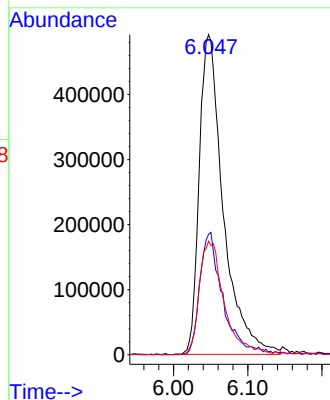
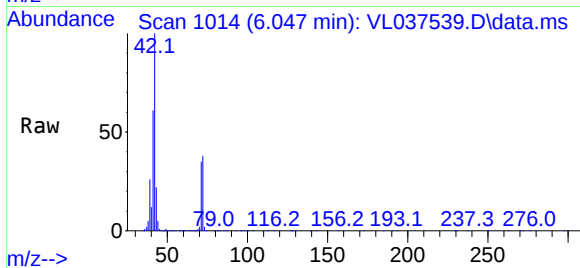
Tgt Ion: 42 Resp: 1104903

Ion	Ratio	Lower	Upper
42	100		
72	37.3	32.2	48.4
71	36.9	30.5	45.7

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

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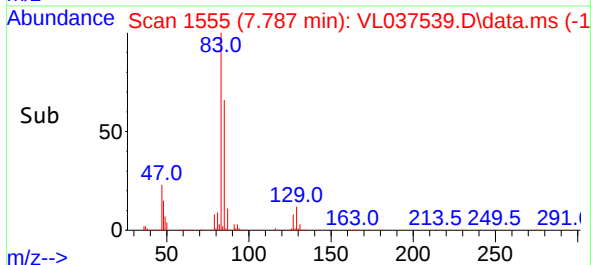
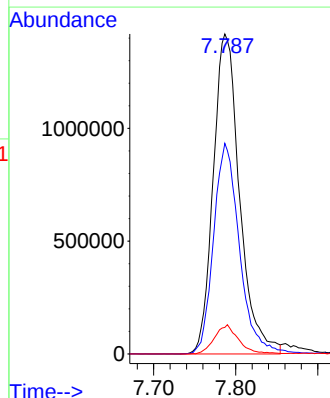
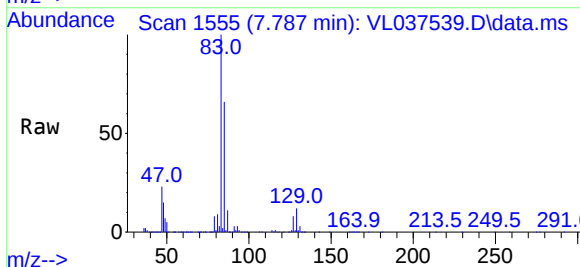
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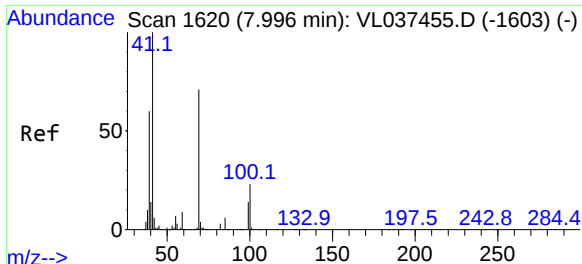


#42
Bromodichloromethane
Concen: 9.846 ppbv
RT: 7.787 min Scan# 1555
Delta R.T. 0.016 min
Lab File: VL037539.D
Acq: 4 Sep 2021 2:29

Tgt Ion: 83 Resp: 3169913

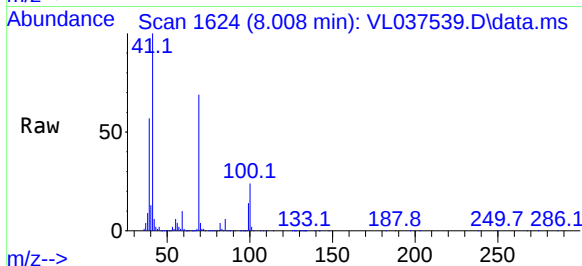
Ion	Ratio	Lower	Upper
83	100		
85	65.8	49.5	74.3
127	8.3	6.3	9.5





#43
Methyl Methacrylate
Concen: 10.338 ppbv
RT: 8.008 min Scan# 1624
Delta R.T. 0.013 min
Lab File: VL037539.D
Acq: 4 Sep 2021 2:29

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

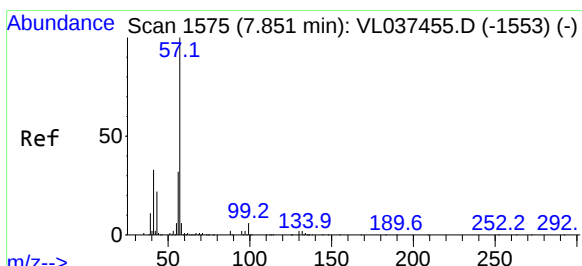
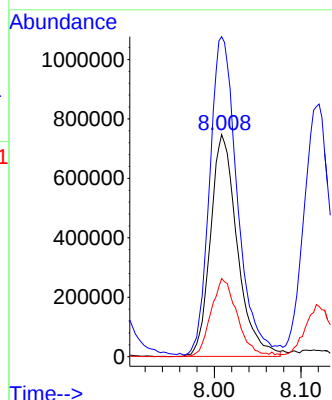
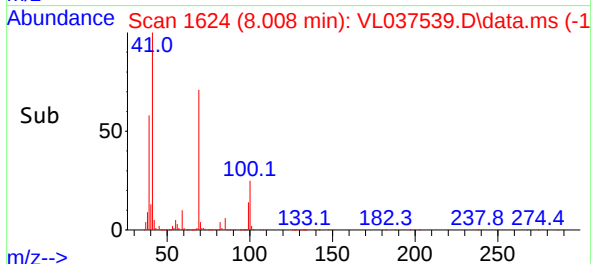


Tgt Ion: 69 Resp: 1601519

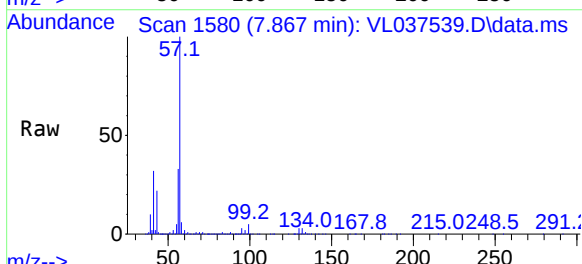
Ion	Ratio	Lower	Upper
69	100		
41	149.0	118.6	178.0
100	34.6	27.4	41.0

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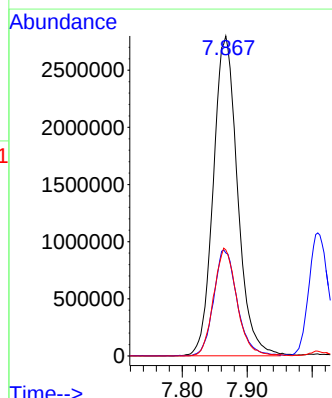
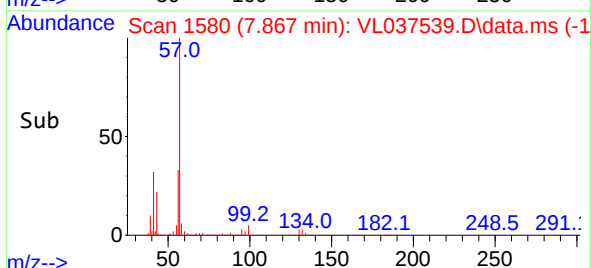


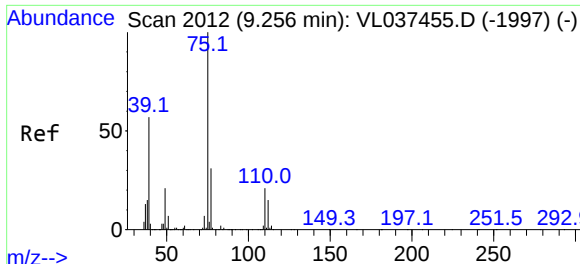
#44
2,2,4-Trimethylpentane
Concen: 9.679 ppbv
RT: 7.867 min Scan# 1580
Delta R.T. 0.016 min
Lab File: VL037539.D
Acq: 4 Sep 2021 2:29



Tgt Ion: 57 Resp: 7240180

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





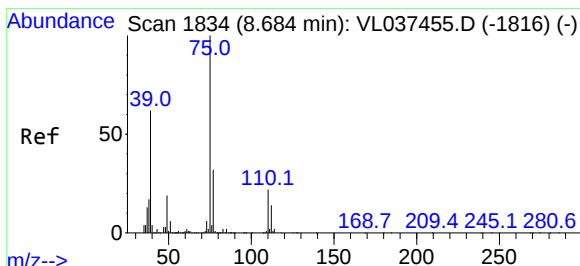
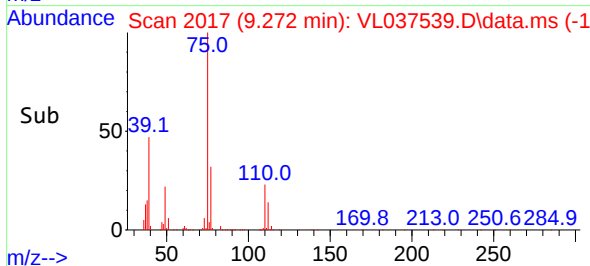
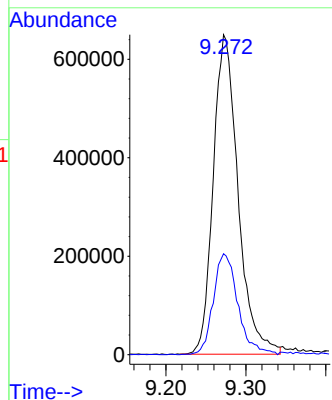
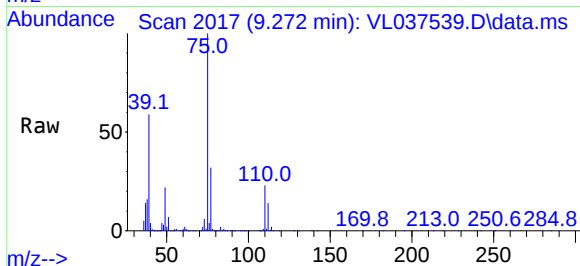
#45
t-1,3-Dichloropropene
Concen: 11.998 ppbv
RT: 9.272 min Scan# 2017
Delta R.T. 0.016 min
Lab File: VL037539.D
Acq: 4 Sep 2021 2:29

Tgt Ion: 75 Resp: 1399205
Ion Ratio Lower Upper
75 100
77 31.6 24.5 36.7

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

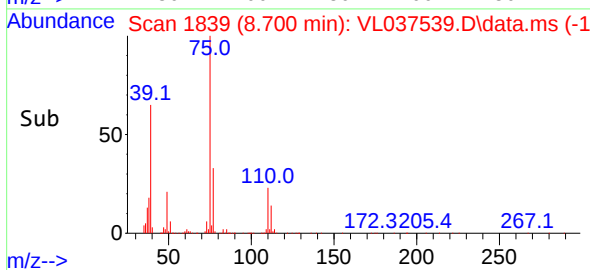
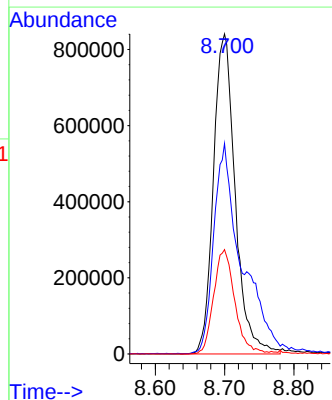
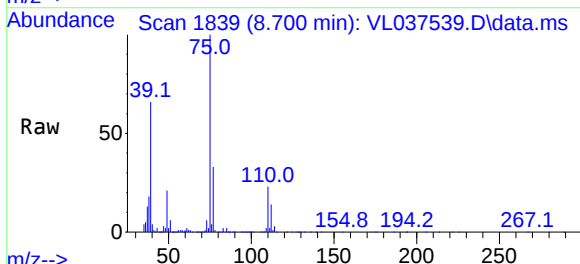
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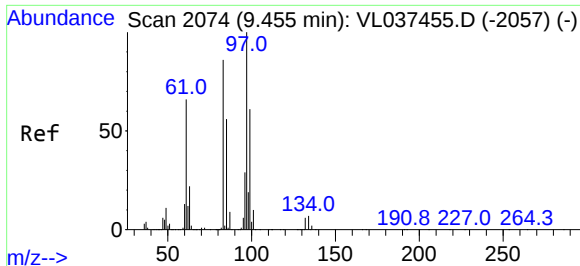
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#46
cis-1,3-Dichloropropene
Concen: 11.281 ppbv
RT: 8.700 min Scan# 1839
Delta R.T. 0.016 min
Lab File: VL037539.D
Acq: 4 Sep 2021 2:29

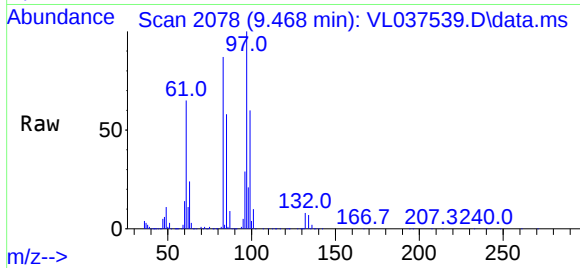
Tgt Ion: 75 Resp: 1835111
Ion Ratio Lower Upper
75 100
39 65.6 49.7 74.5
77 32.6 25.4 38.0





#47
1,1,2-Trichloroethane
Concen: 9.595 ppbv
RT: 9.468 min Scan# 2078
Delta R.T. 0.013 min
Lab File: VL037539.D
Acq: 4 Sep 2021 2:29

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

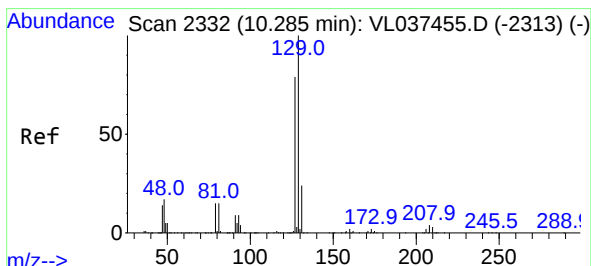
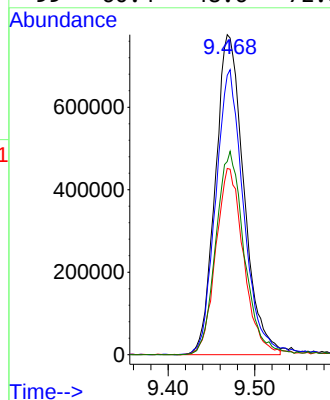
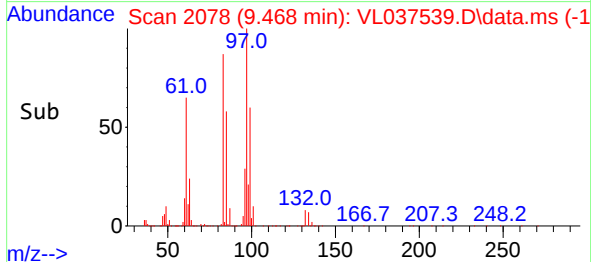


Tgt Ion: 97 Resp: 1770773

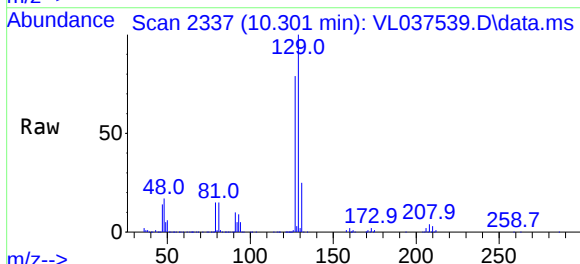
Ion	Ratio	Lower	Upper
97	100		
83	87.2	68.7	103.1
85	58.2	44.7	67.1
99	60.4	48.6	72.8

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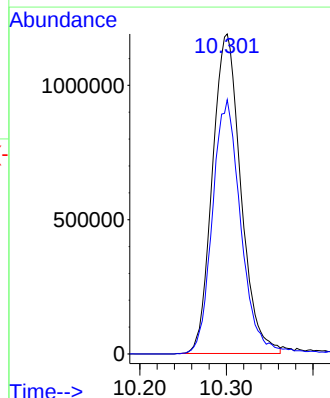
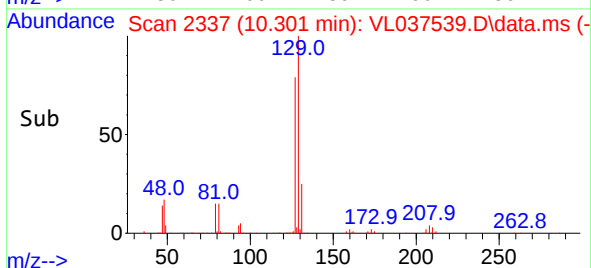


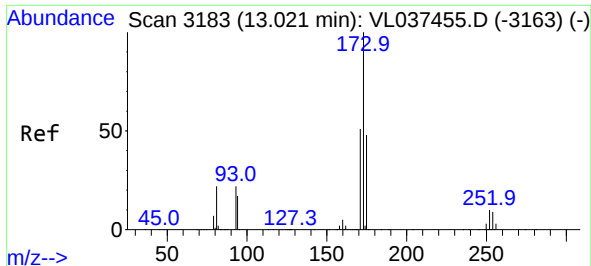
#48
Dibromochloromethane
Concen: 10.229 ppbv
RT: 10.301 min Scan# 2337
Delta R.T. 0.016 min
Lab File: VL037539.D
Acq: 4 Sep 2021 2:29



Tgt Ion: 129 Resp: 2716419

Ion	Ratio	Lower	Upper
129	100		
127	80.1	40.0	120.0





#49
Bromoform
Concen: 10.320 ppbv
RT: 13.034 min Scan# 3187
Delta R.T. 0.013 min
Lab File: VL037539.D
Acq: 4 Sep 2021 2:29

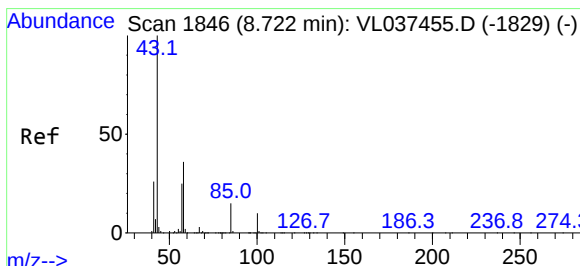
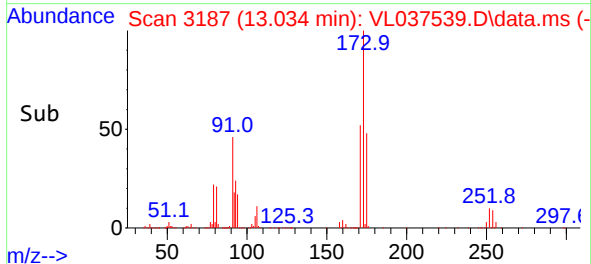
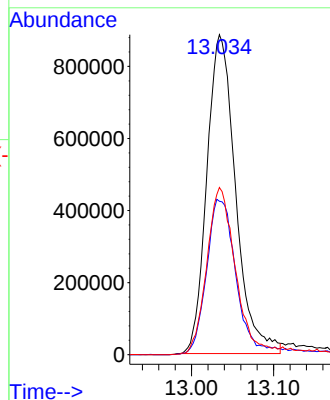
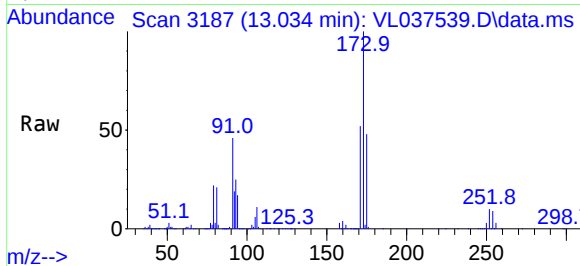
Tgt Ion: 173 Resp: 2160469

Ion	Ratio	Lower	Upper
173	100		
175	51.3	41.9	62.9
171	55.2	44.2	66.4

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Manual Integrations
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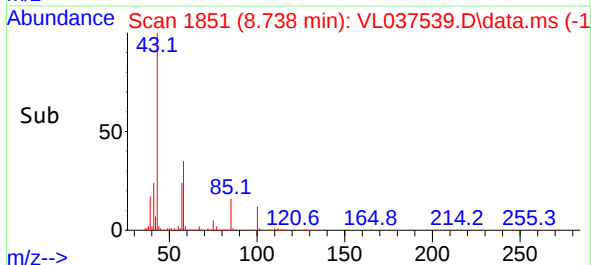
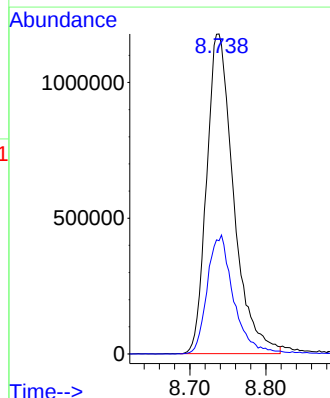
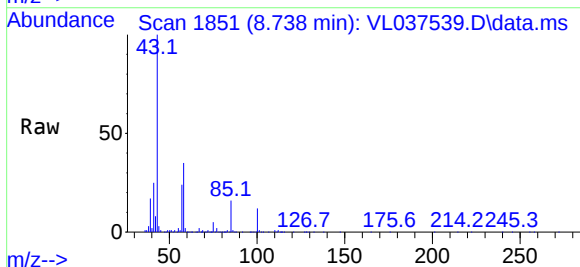
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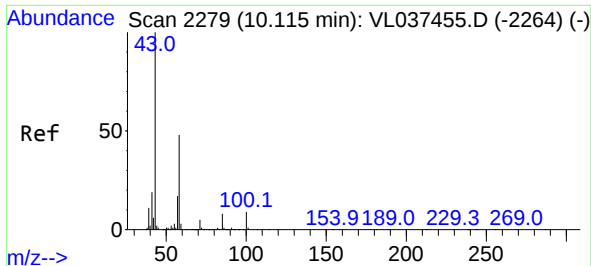


#50
4-Methyl-2-Pentanone
Concen: 10.292 ppbv
RT: 8.738 min Scan# 1851
Delta R.T. 0.016 min
Lab File: VL037539.D
Acq: 4 Sep 2021 2:29

Tgt Ion: 43 Resp: 2899016

Ion	Ratio	Lower	Upper
43	100		
58	36.8	29.9	44.9





#51
2-Hexanone
Concen: 10.589 ppbv
RT: 10.127 min Scan# 2283
Delta R.T. 0.013 min
Lab File: VL037539.D
Acq: 4 Sep 2021 2:29

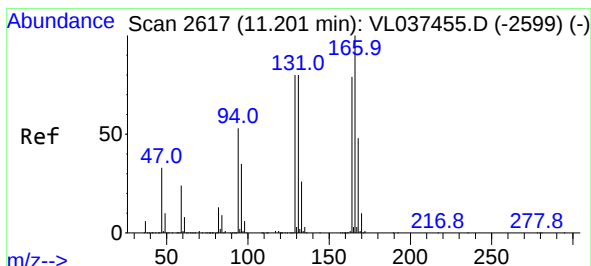
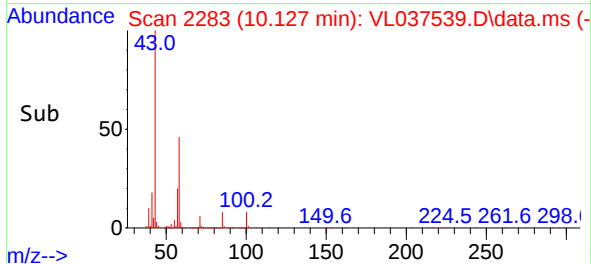
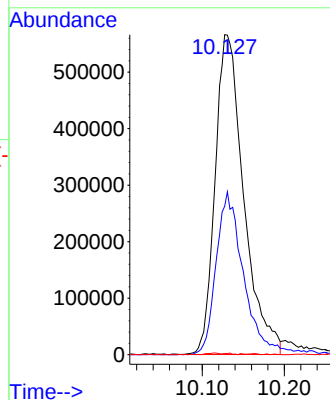
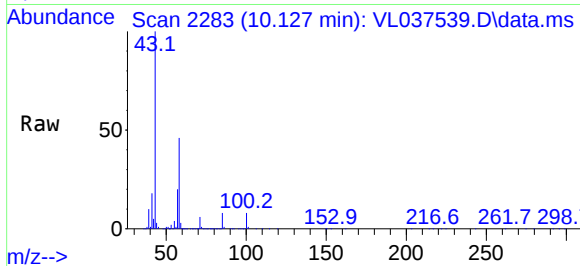
Tgt Ion: 43 Resp: 1371875

Ion	Ratio	Lower	Upper
43	100		
58	50.1	41.0	61.6
98	0.4	0.3	0.5

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Manual Integrations
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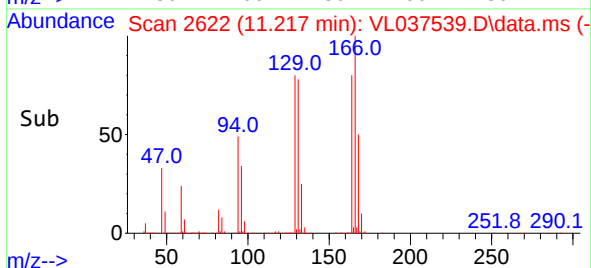
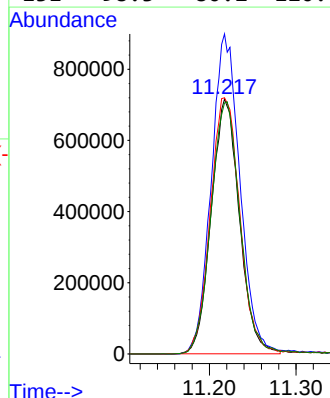
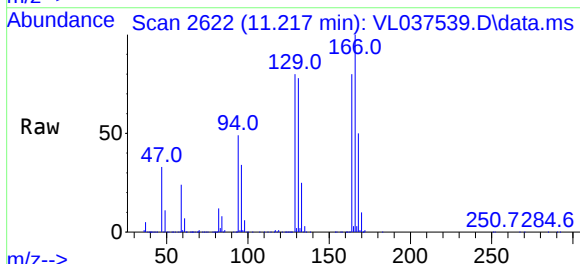
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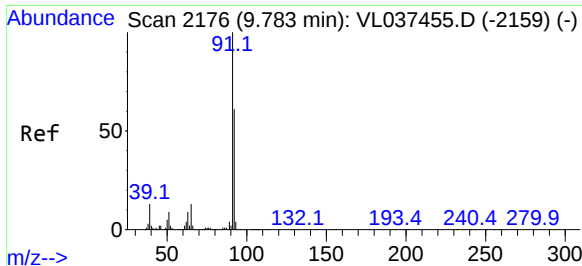


#52
Tetrachloroethene
Concen: 8.868 ppbv
RT: 11.217 min Scan# 2622
Delta R.T. 0.016 min
Lab File: VL037539.D
Acq: 4 Sep 2021 2:29

Tgt Ion: 164 Resp: 1615259

Ion	Ratio	Lower	Upper
164	100		
166	125.6	100.7	151.1
129	100.4	80.9	121.3
131	98.3	80.2	120.4





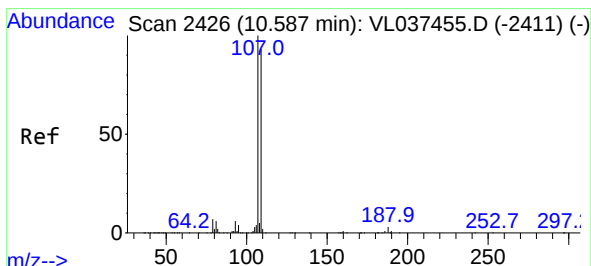
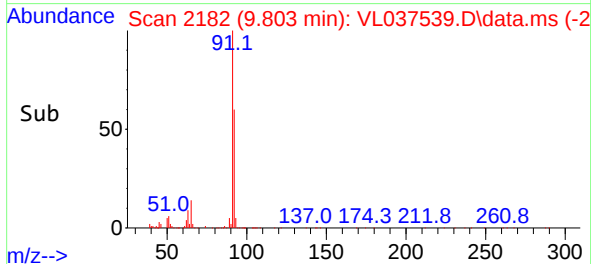
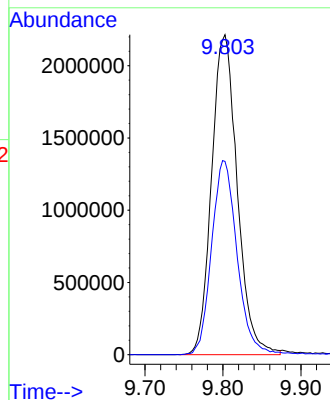
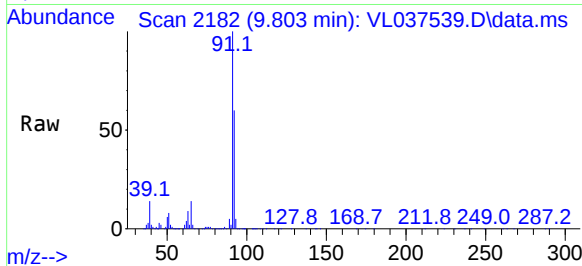
#53
Toluene
Concen: 9.997 ppbv
RT: 9.803 min Scan# 2182
Delta R.T. 0.019 min
Lab File: VL037539.D
Acq: 4 Sep 2021 2:29

Tgt Ion: 91 Resp: 5073651
Ion Ratio Lower Upper
91 100
92 60.8 48.8 73.2

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

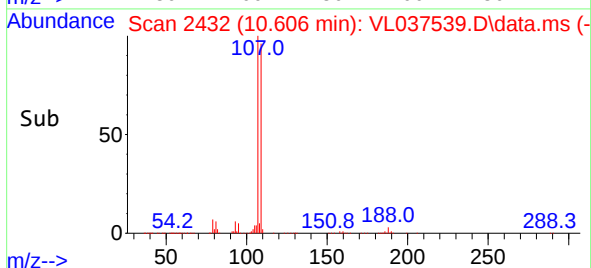
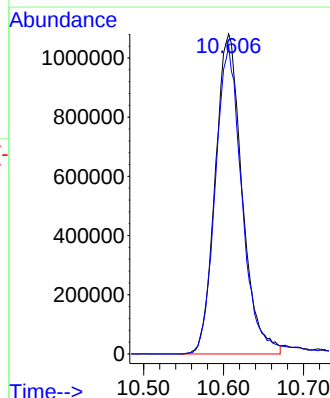
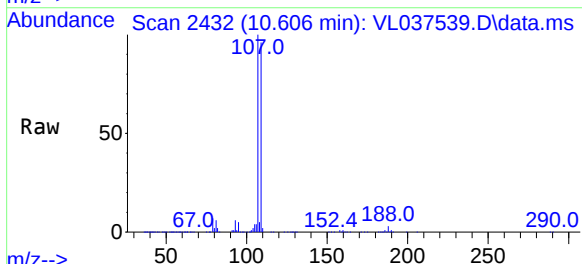
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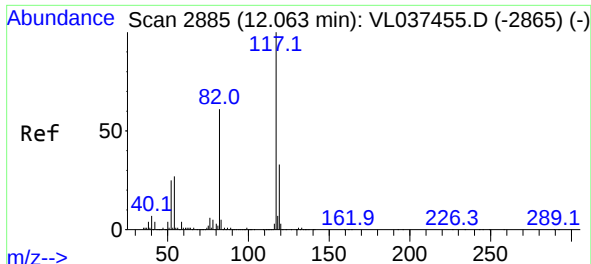
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#54
1,2-Dibromoethane
Concen: 9.797 ppbv
RT: 10.606 min Scan# 2432
Delta R.T. 0.019 min
Lab File: VL037539.D
Acq: 4 Sep 2021 2:29

Tgt Ion: 107 Resp: 2523970
Ion Ratio Lower Upper
107 100
109 96.1 74.2 111.4





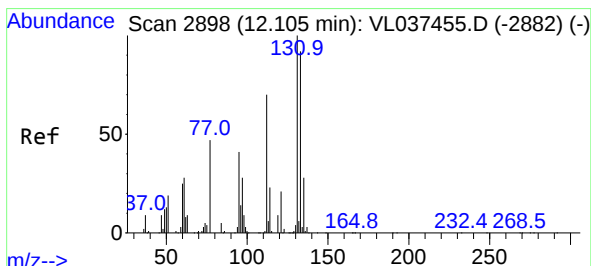
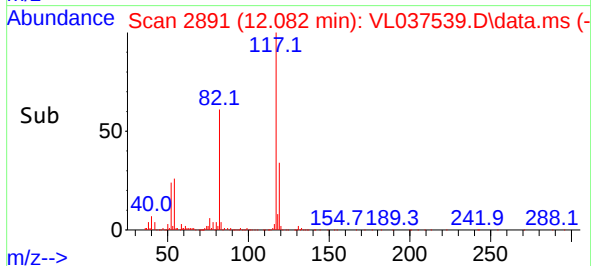
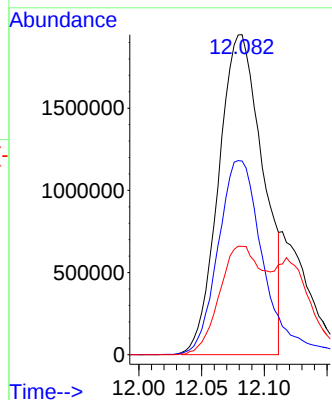
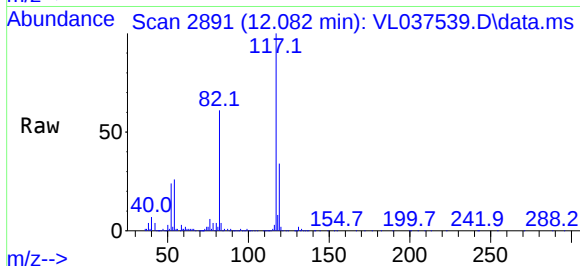
#55
Chlorobenzene-d5
Concen: 10.000 ppbv m
RT: 12.082 min Scan# 2891
Delta R.T. 0.019 min
Lab File: VL037539.D
Acq: 4 Sep 2021 2:29

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion:117 Resp: 4785582
Ion Ratio Lower Upper
117 100
82 63.9 52.9 79.3
119 60.6 24.8 37.2#

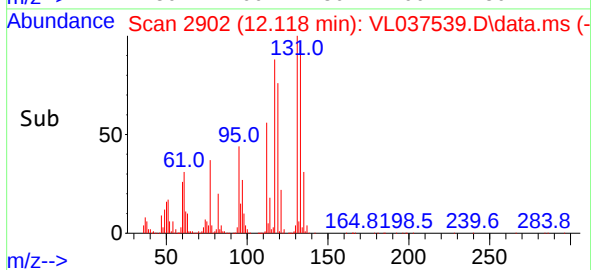
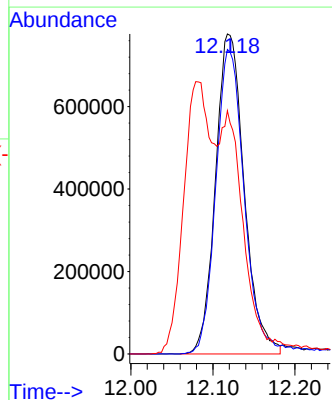
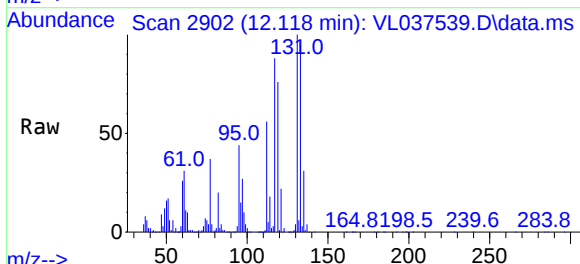
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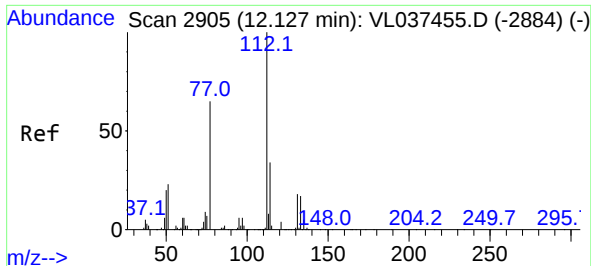
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#56
1,1,1,2-Tetrachloroethane
Concen: 9.468 ppbv
RT: 12.118 min Scan# 2902
Delta R.T. 0.013 min
Lab File: VL037539.D
Acq: 4 Sep 2021 2:29

Tgt Ion:131 Resp: 1888027
Ion Ratio Lower Upper
131 100
133 96.1 78.7 118.1
119 155.0 56.6 85.0#





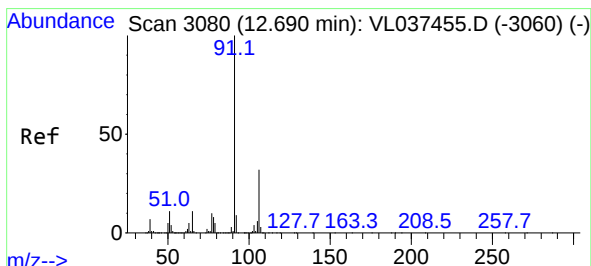
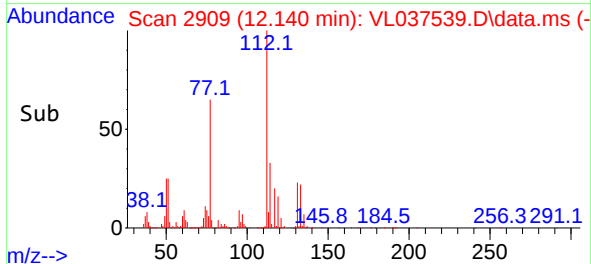
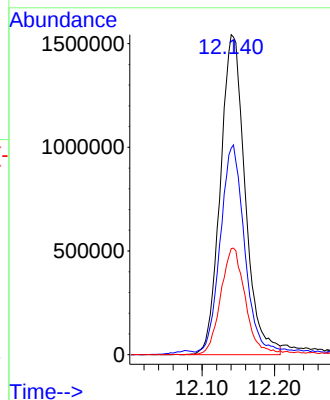
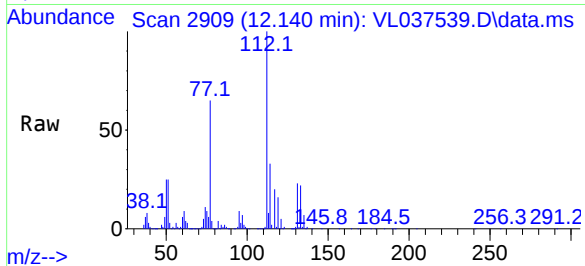
#57
Chlorobenzene
Concen: 9.211 ppbv
RT: 12.140 min Scan# 2909
Delta R.T. 0.013 min
Lab File: VL037539.D
Acq: 4 Sep 2021 2:29

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 112 Resp: 3657942
Ion Ratio Lower Upper
112 100
77 63.7 51.6 77.4
114 33.1 30.7 37.5

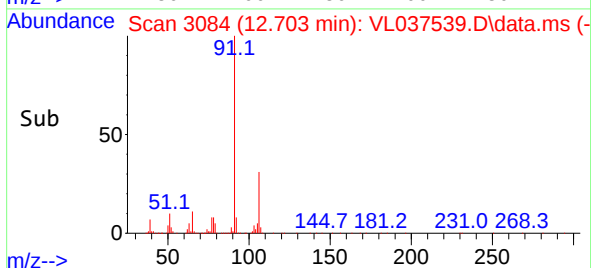
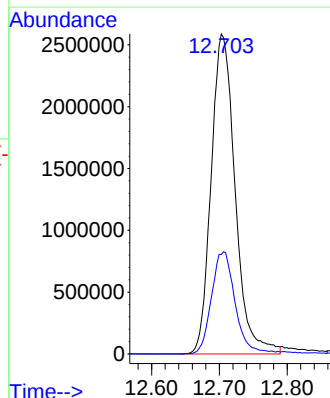
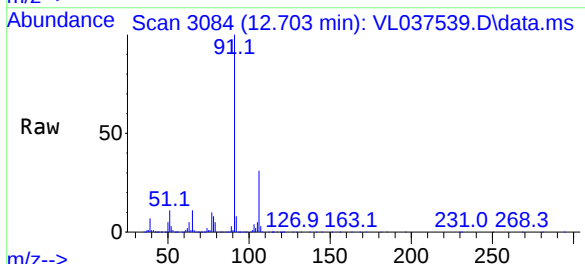
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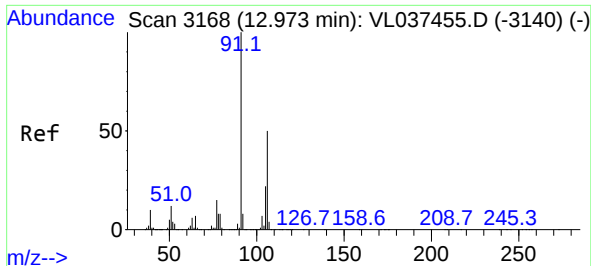
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#58
Ethyl Benzene
Concen: 9.585 ppbv
RT: 12.703 min Scan# 3084
Delta R.T. 0.013 min
Lab File: VL037539.D
Acq: 4 Sep 2021 2:29

Tgt Ion: 91 Resp: 6365251
Ion Ratio Lower Upper
91 100
106 31.1 25.7 38.5





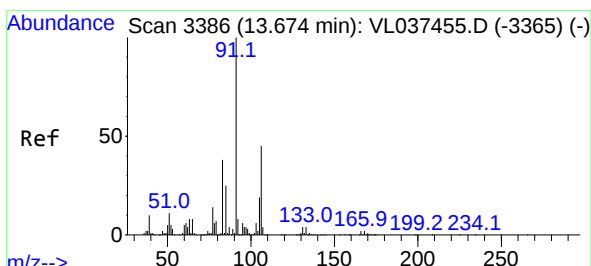
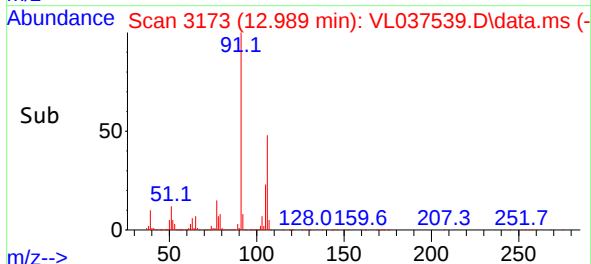
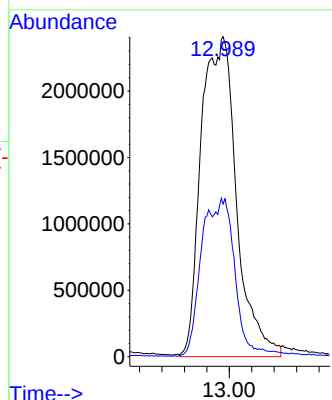
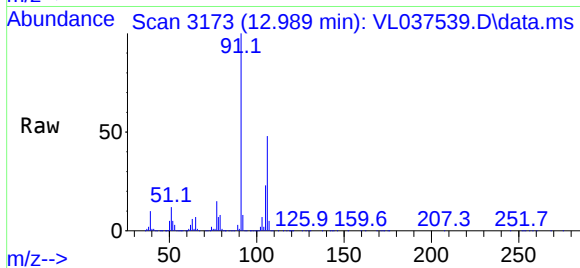
#59
m/p-Xylene
Concen: 18.317 ppbv m
RT: 12.989 min Scan# 3173
Delta R.T. 0.016 min
Lab File: VL037539.D
Acq: 4 Sep 2021 2:29

Tgt Ion: 91 Resp:10545824
Ion Ratio Lower Upper
91 100
106 47.3 36.9 55.3

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

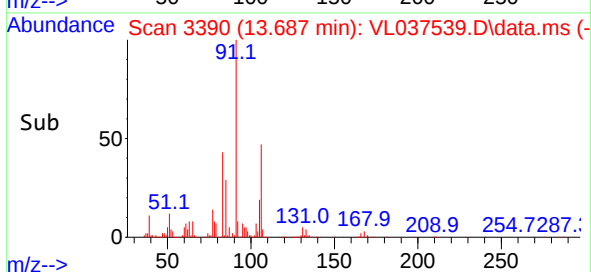
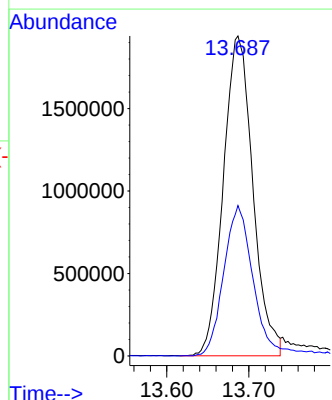
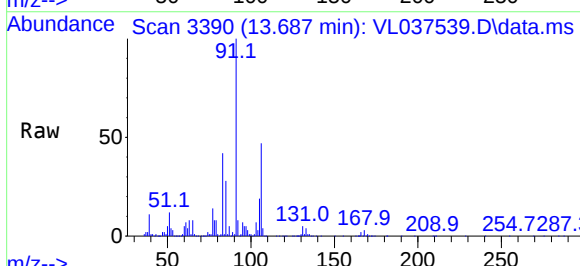
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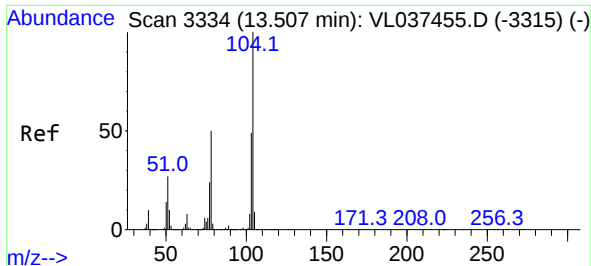
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#60
o-Xylene
Concen: 9.021 ppbv
RT: 13.687 min Scan# 3390
Delta R.T. 0.013 min
Lab File: VL037539.D
Acq: 4 Sep 2021 2:29

Tgt Ion: 91 Resp: 4847550
Ion Ratio Lower Upper
91 100
106 48.6 23.7 71.1





#61
Styrene
Concen: 10.168 ppbv
RT: 13.523 min Scan# 3339
Delta R.T. 0.016 min
Lab File: VL037539.D
Acq: 4 Sep 2021 2:29

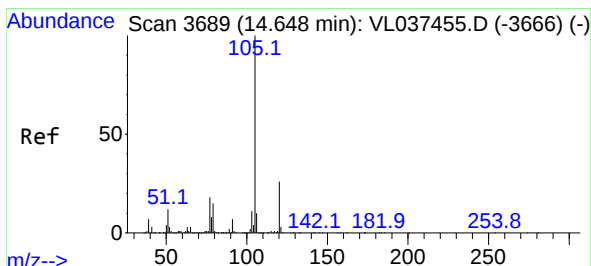
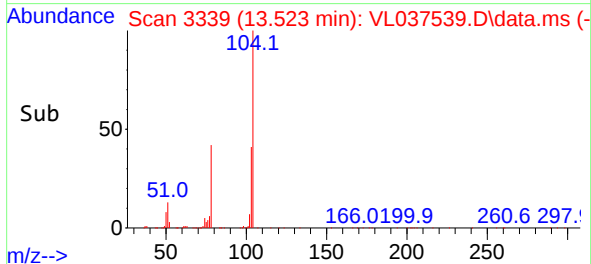
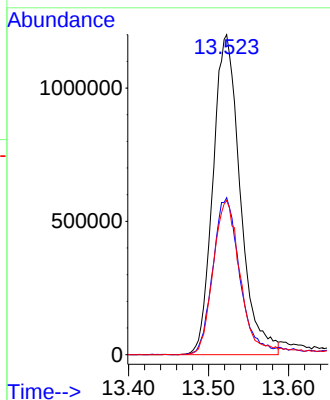
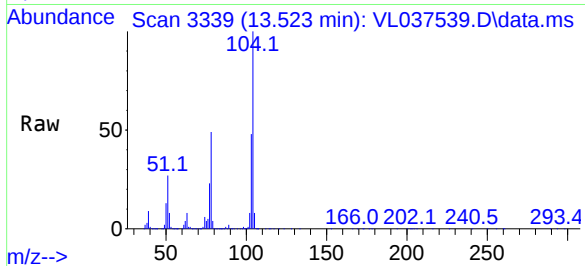
Tgt Ion:104 Resp: 2838368

Ion	Ratio	Lower	Upper
104	100		
78	50.6	41.3	61.9
103	49.4	39.4	59.0

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

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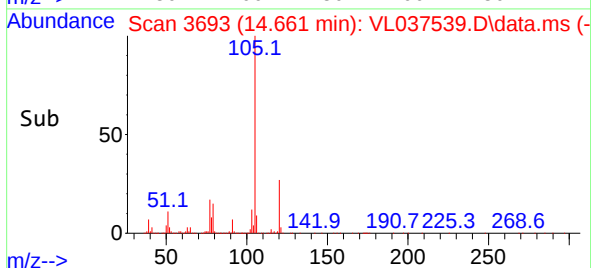
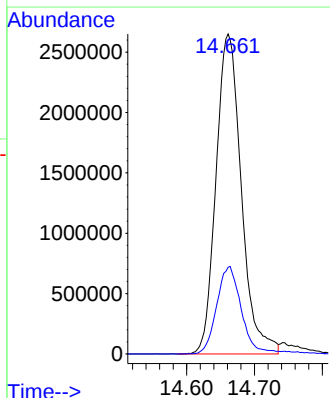
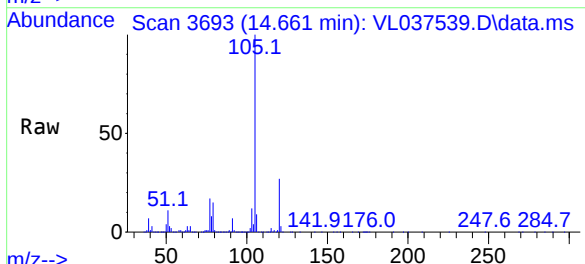
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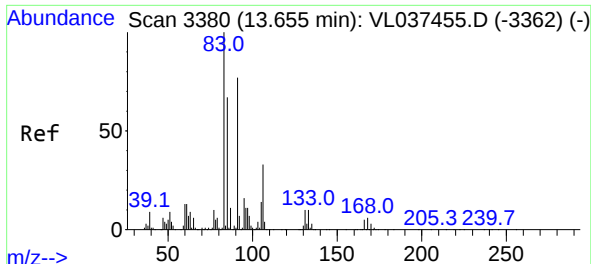


#62
Isopropylbenzene
Concen: 9.074 ppbv
RT: 14.661 min Scan# 3693
Delta R.T. 0.013 min
Lab File: VL037539.D
Acq: 4 Sep 2021 2:29

Tgt Ion:105 Resp: 6881424

Ion	Ratio	Lower	Upper
105	100		
120	27.2	21.5	32.3





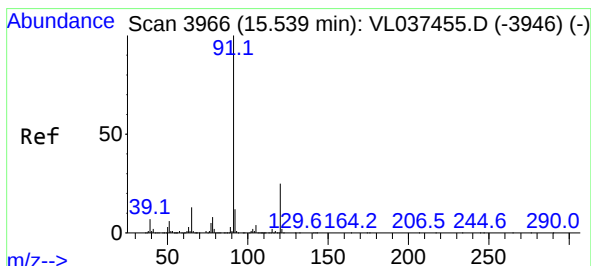
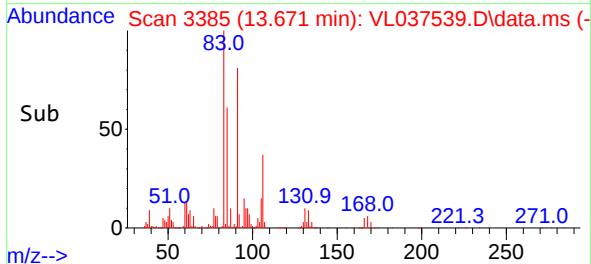
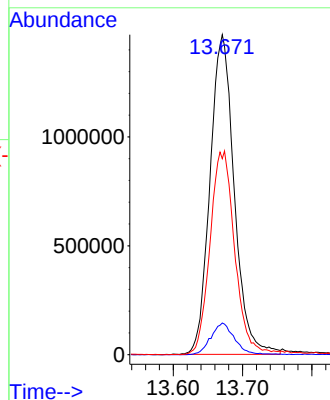
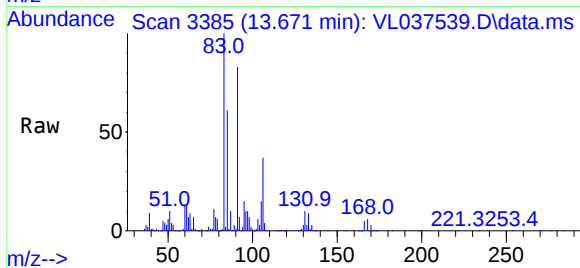
#63
1,1,2,2-Tetrachloroethane
Concen: 8.931 ppbv
RT: 13.671 min Scan# 3385
Delta R.T. 0.016 min
Lab File: VL037539.D
Acq: 4 Sep 2021 2:29

Tgt Ion: 83 Resp: 3566700
Ion Ratio Lower Upper
83 100
131 9.7 5.0 15.0
85 66.5 33.8 101.3

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

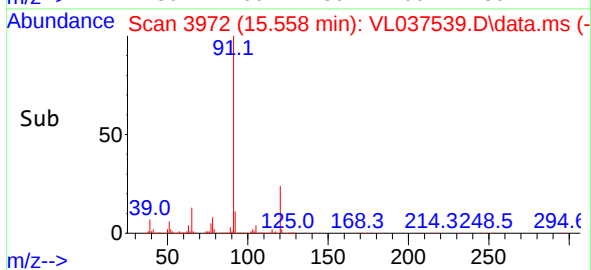
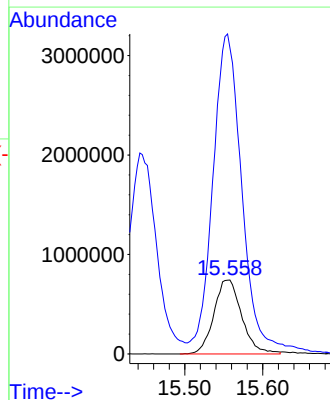
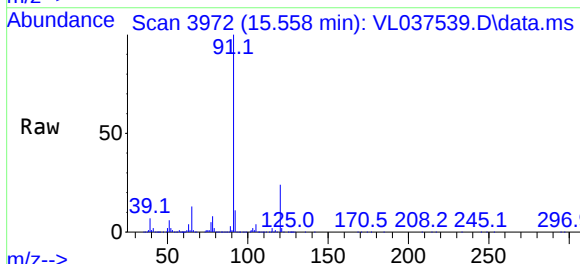
Manual Integrations
APPROVED

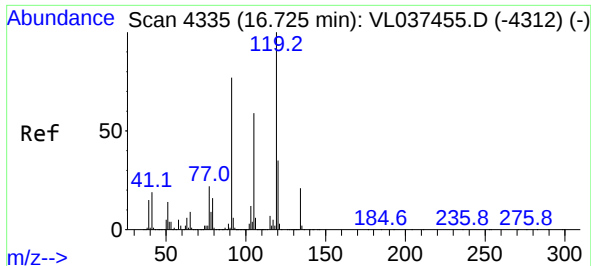
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9/10/2021 10:47:28 AM



#64
n-propylbenzene
Concen: 9.567 ppbv
RT: 15.558 min Scan# 3972
Delta R.T. 0.019 min
Lab File: VL037539.D
Acq: 4 Sep 2021 2:29

Tgt Ion: 120 Resp: 1846484
Ion Ratio Lower Upper
120 100
91 455.6 373.8 560.6





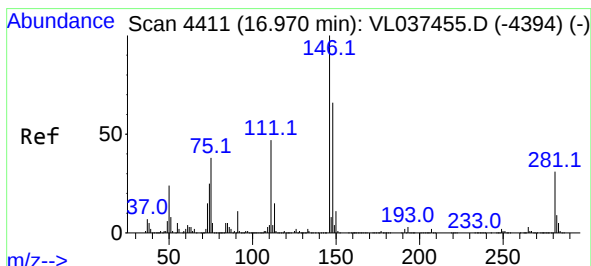
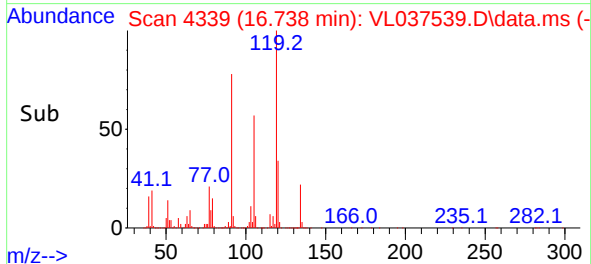
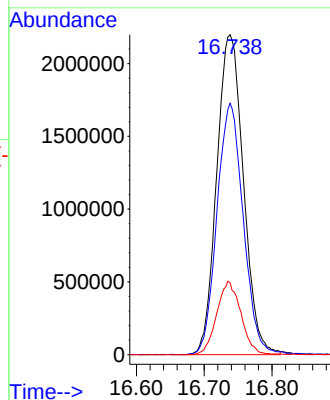
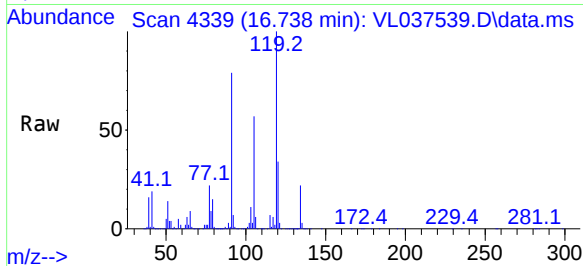
#65
tert-Butylbenzene
Concen: 8.707 ppbv
RT: 16.738 min Scan# 4339
Delta R.T. 0.013 min
Lab File: VL037539.D
Acq: 4 Sep 2021 2:29

Tgt Ion: 119 Resp: 6014174
Ion Ratio Lower Upper
119 100
91 77.4 62.9 94.3
134 20.8 16.4 24.6

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

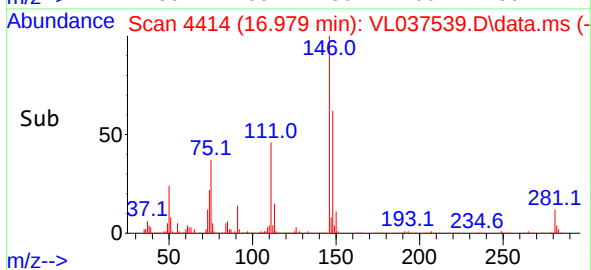
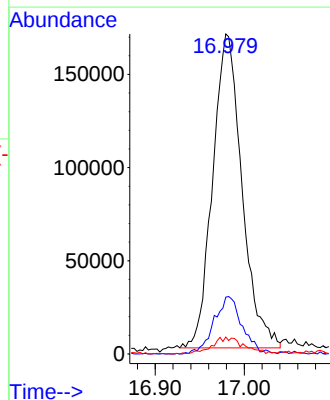
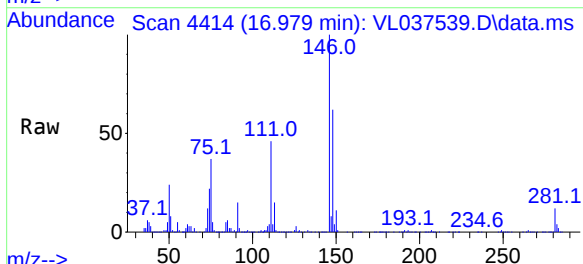
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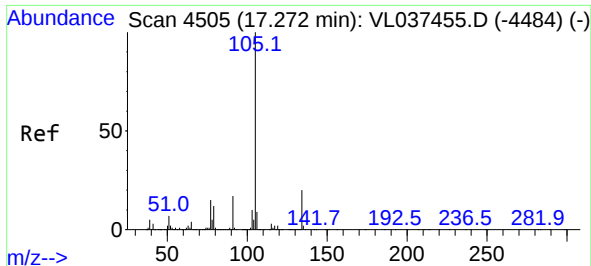
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#66
Benzyl Chloride
Concen: 12.324 ppbv
RT: 16.979 min Scan# 4414
Delta R.T. 0.010 min
Lab File: VL037539.D
Acq: 4 Sep 2021 2:29

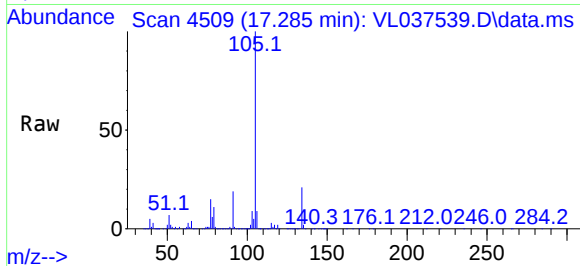
Tgt Ion: 91 Resp: 385038
Ion Ratio Lower Upper
91 100
126 17.6 15.9 23.9
128 6.2 5.4 8.0





#67
 sec-Butylbenzene
 Concen: 8.645 ppbv
 RT: 17.285 min Scan# 4509
 Delta R.T. 0.013 min
 Lab File: VL037539.D
 Acq: 4 Sep 2021 2:29

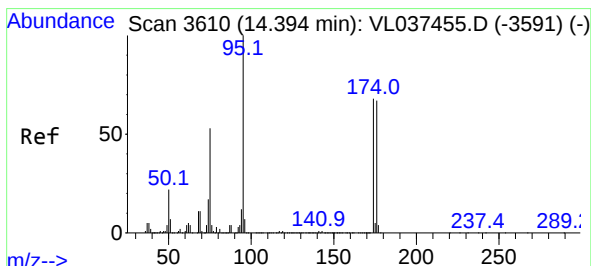
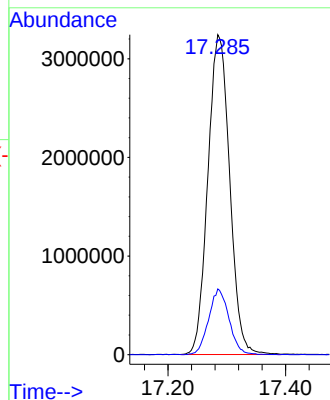
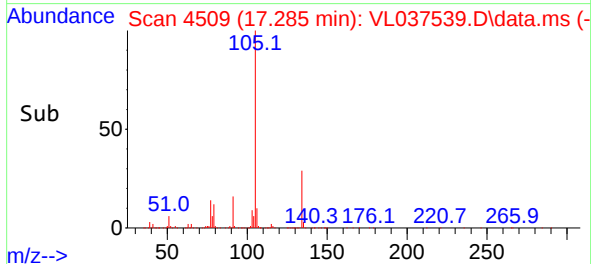
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC



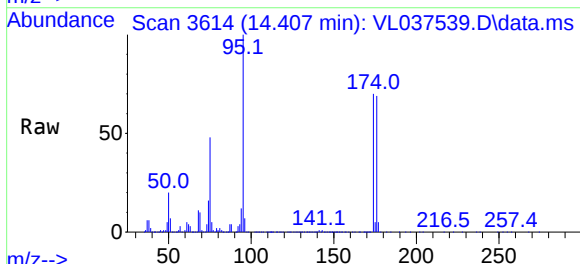
Tgt Ion: 105 Resp: 8343441
 Ion Ratio Lower Upper
 105 100
 134 19.2 15.2 22.8

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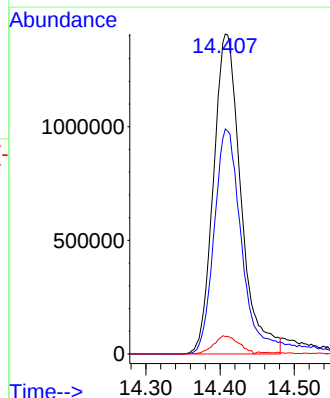
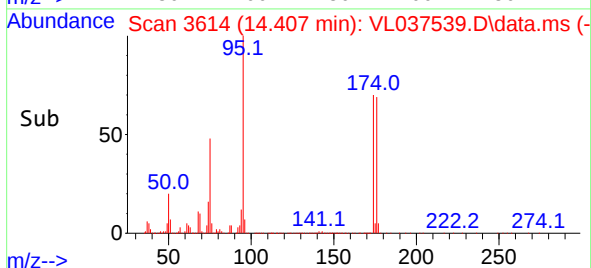
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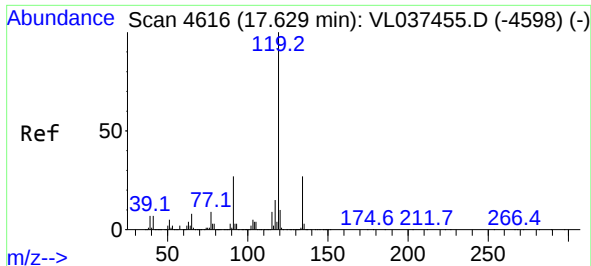


#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.640 ppbv
 RT: 14.407 min Scan# 3614
 Delta R.T. 0.013 min
 Lab File: VL037539.D
 Acq: 4 Sep 2021 2:29



Tgt Ion: 95 Resp: 3617458
 Ion Ratio Lower Upper
 95 100
 174 74.2 59.6 89.4
 175 5.3 4.6 7.0





#69
p-Isopropyltoluene
Concen: 8.899 ppbv
RT: 17.645 min Scan# 4621
Delta R.T. 0.016 min
Lab File: VL037539.D
Acq: 4 Sep 2021 2:29

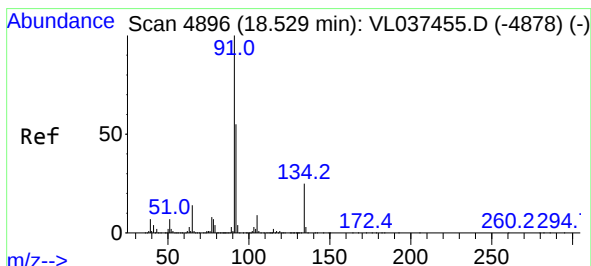
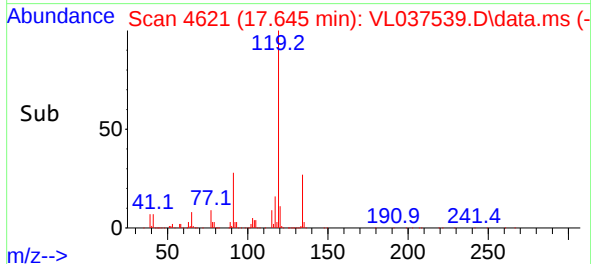
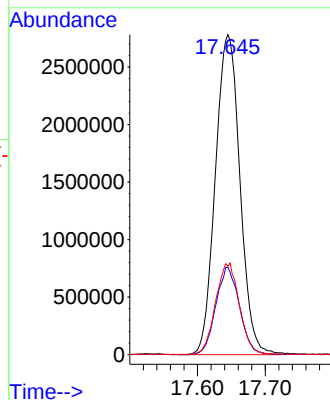
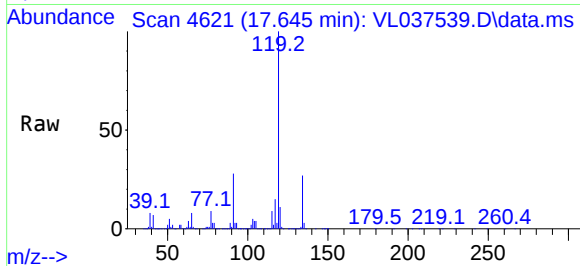
Tgt Ion: 119 Resp: 6998660

Ion	Ratio	Lower	Upper
119	100		
134	26.2	21.1	31.7
91	27.8	22.4	33.6

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Manual Integrations
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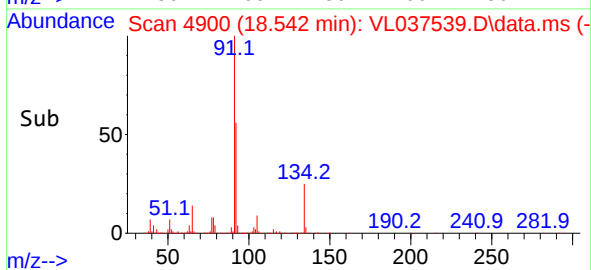
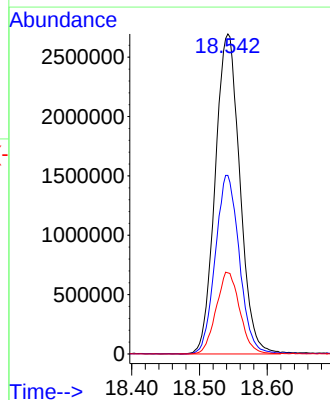
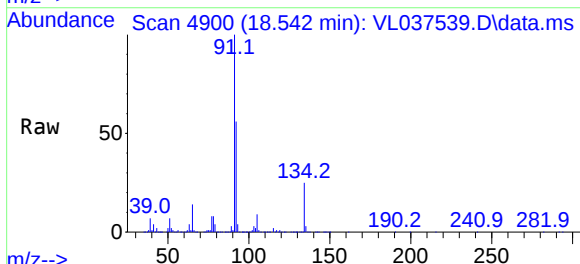
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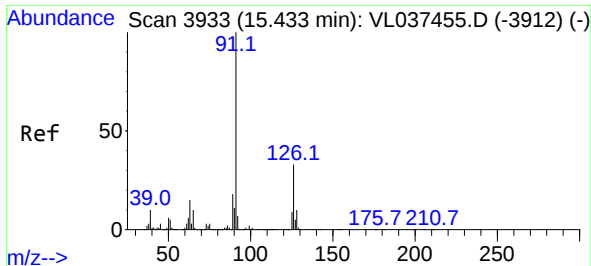


#70
n-Butylbenzene
Concen: 9.071 ppbv
RT: 18.542 min Scan# 4900
Delta R.T. 0.013 min
Lab File: VL037539.D
Acq: 4 Sep 2021 2:29

Tgt Ion: 91 Resp: 6817275

Ion	Ratio	Lower	Upper
91	100		
92	54.8	44.0	66.0
134	24.6	19.5	29.3





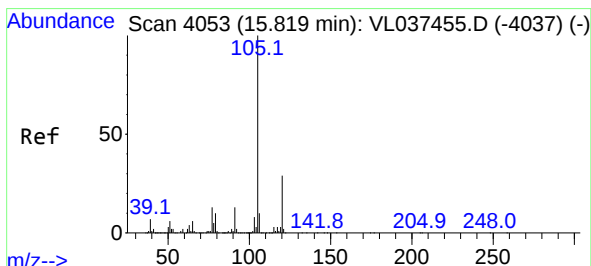
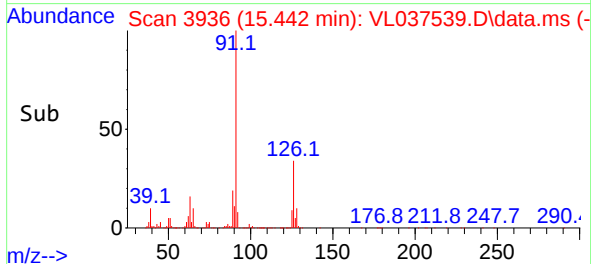
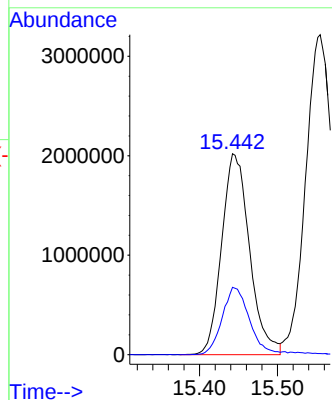
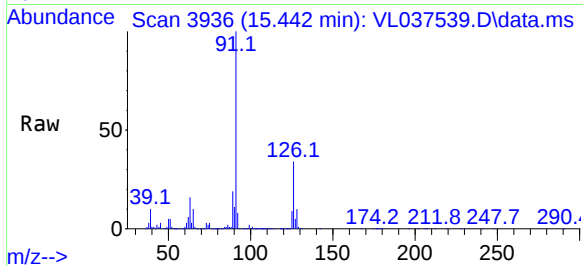
#71
2-Chlorotoluene
Concen: 9.033 ppbv
RT: 15.442 min Scan# 3936
Delta R.T. 0.010 min
Lab File: VL037539.D
Acq: 4 Sep 2021 2:29

Tgt Ion: 91 Resp: 5023380
Ion Ratio Lower Upper
91 100
126 34.1 13.6 54.4

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

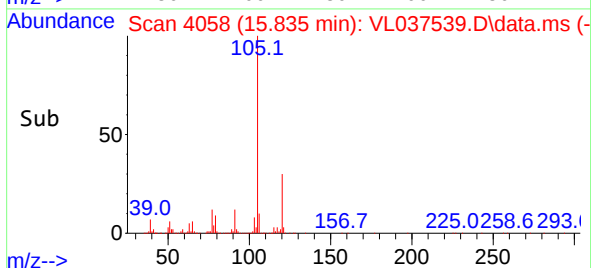
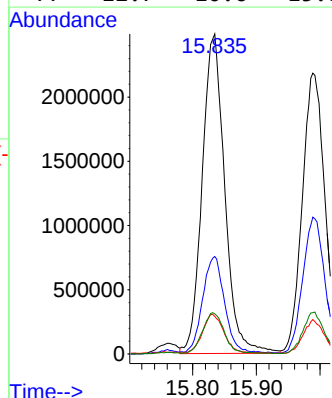
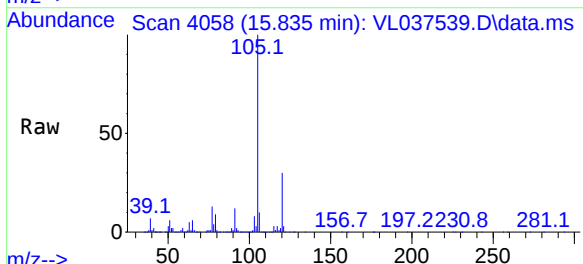
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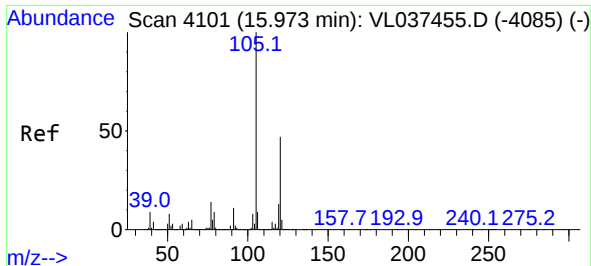
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#72
4-Ethyltoluene
Concen: 9.587 ppbv
RT: 15.835 min Scan# 4058
Delta R.T. 0.016 min
Lab File: VL037539.D
Acq: 4 Sep 2021 2:29

Tgt Ion: 105 Resp: 6127671
Ion Ratio Lower Upper
105 100
120 30.3 24.7 37.1
91 12.7 9.8 14.8
77 12.7 10.6 15.8





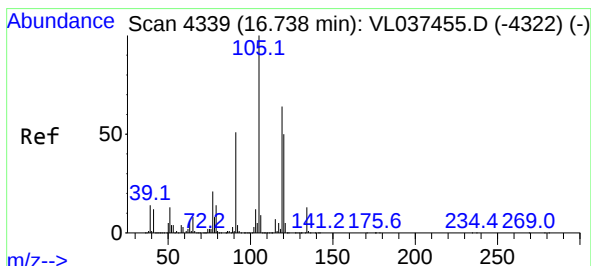
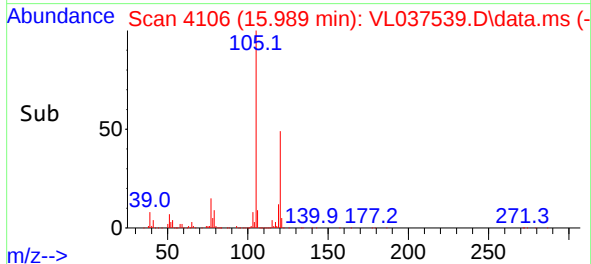
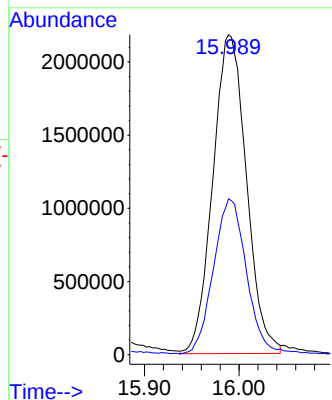
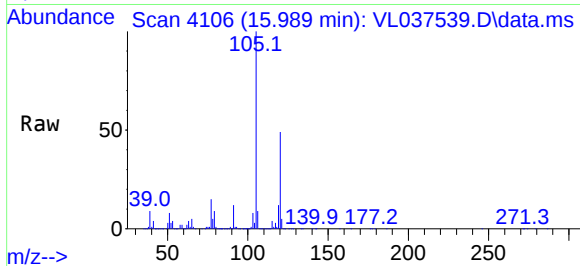
#73
1,3,5-Trimethylbenzene
Concen: 9.027 ppbv
RT: 15.989 min Scan# 4106
Delta R.T. 0.016 min
Lab File: VL037539.D
Acq: 4 Sep 2021 2:29

Tgt Ion:105 Resp: 5370444
Ion Ratio Lower Upper
105 100
120 49.0 37.6 56.4

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

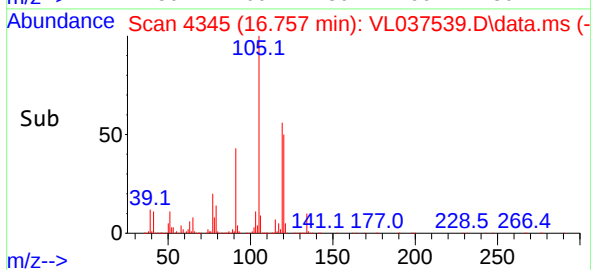
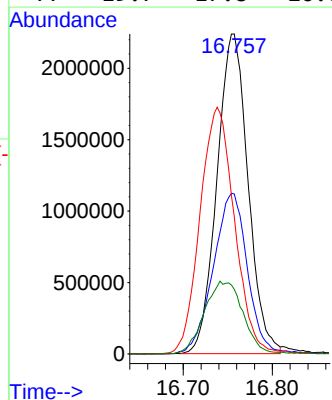
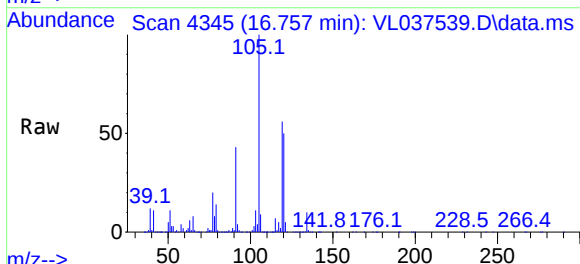
Manual Integrations
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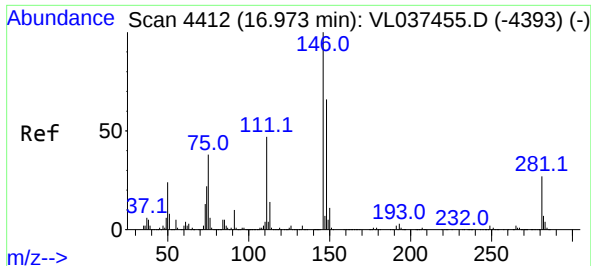
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#74
1,2,4-Trimethylbenzene
Concen: 8.586 ppbv
RT: 16.757 min Scan# 4345
Delta R.T. 0.019 min
Lab File: VL037539.D
Acq: 4 Sep 2021 2:29

Tgt Ion:105 Resp: 5428438
Ion Ratio Lower Upper
105 100
120 49.2 40.4 60.6
91 42.1 44.6 67.0#
77 19.7 17.8 26.6





#75
1,3-Dichlorobenzene
Concen: 8.931 ppbv
RT: 16.989 min Scan# 4417
Delta R.T. 0.016 min
Lab File: VL037539.D
Acq: 4 Sep 2021 2:29

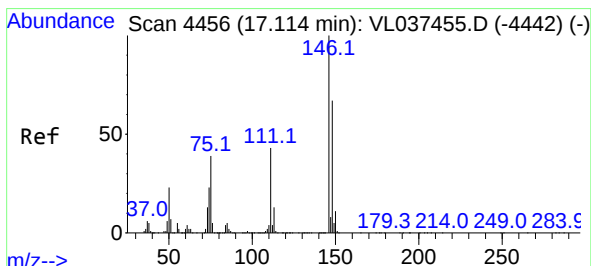
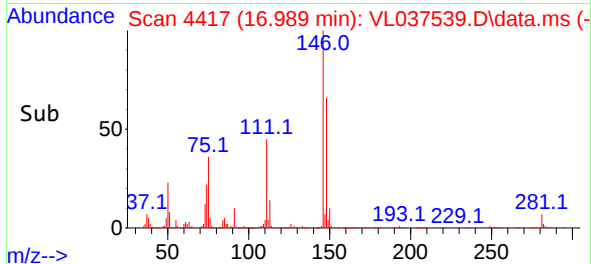
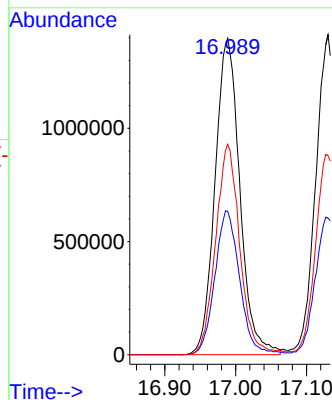
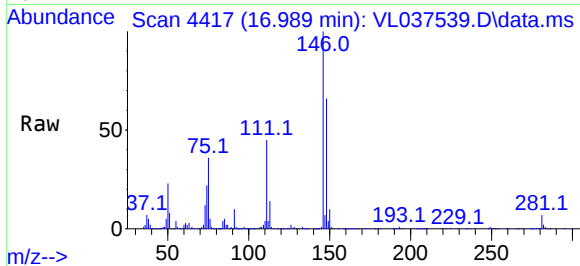
Tgt Ion:146 Resp: 3398708

Ion	Ratio	Lower	Upper
146	100		
111	45.5	23.4	70.0
148	65.2	33.1	99.5

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

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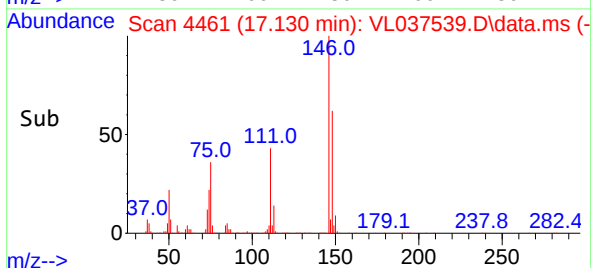
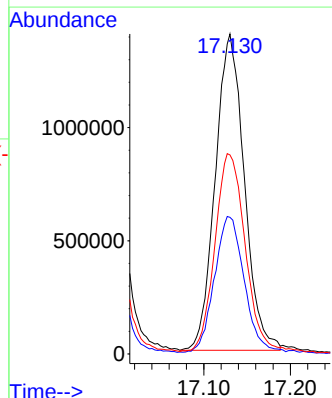
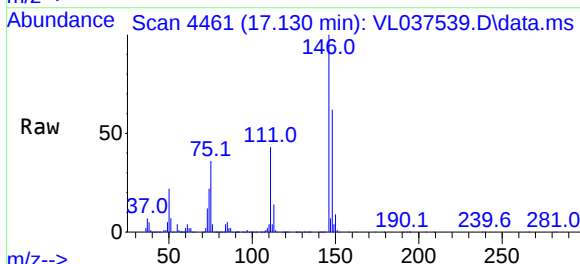
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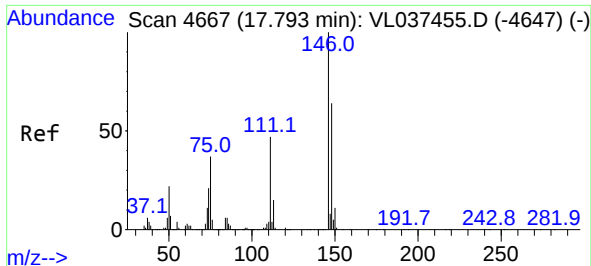


#76
1,4-Dichlorobenzene
Concen: 8.485 ppbv
RT: 17.130 min Scan# 4461
Delta R.T. 0.016 min
Lab File: VL037539.D
Acq: 4 Sep 2021 2:29

Tgt Ion:146 Resp: 3252720

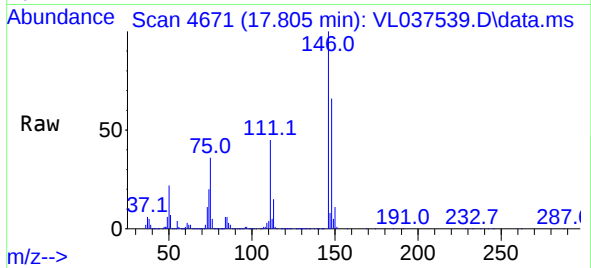
Ion	Ratio	Lower	Upper
146	100		
111	45.8	22.1	66.5
148	66.8	32.4	97.0





#77
1,2-Dichlorobenzene
Concen: 8.415 ppbv
RT: 17.805 min Scan# 4671
Delta R.T. 0.013 min
Lab File: VL037539.D
Acq: 4 Sep 2021 2:29

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

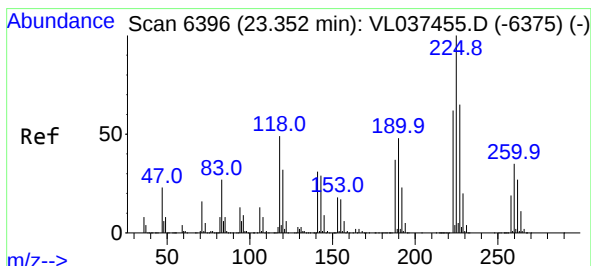
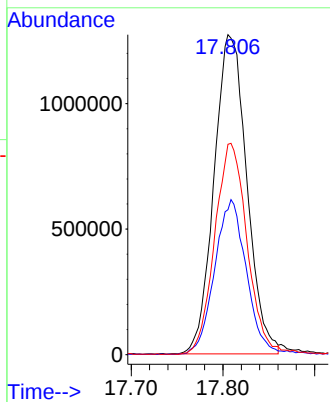
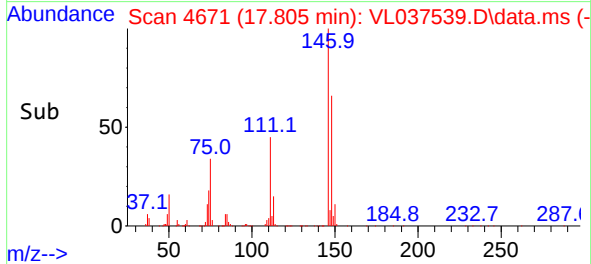


Tgt Ion:146 Resp: 3153299

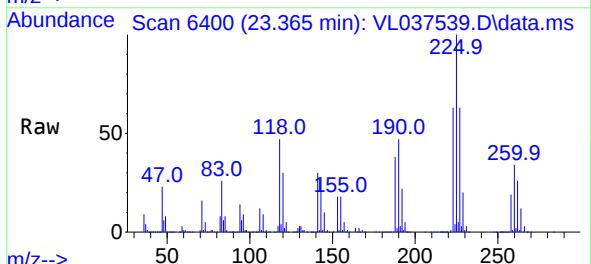
Ion	Ratio	Lower	Upper
146	100		
111	47.5	23.4	70.3
148	66.0	32.5	97.5

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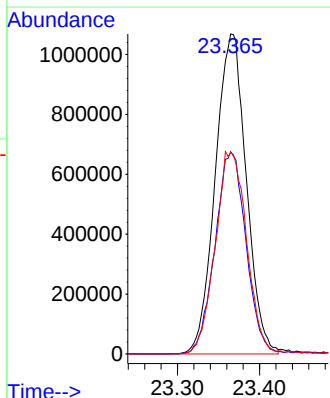
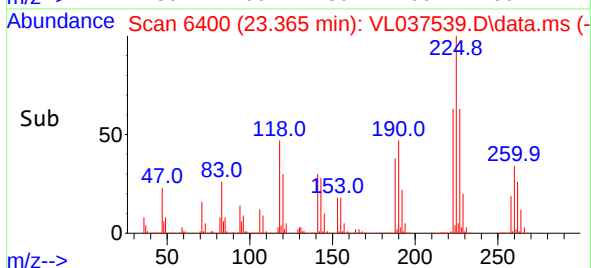


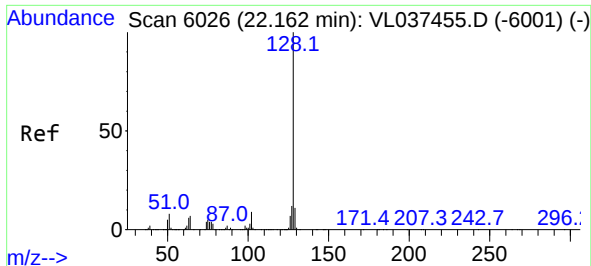
#78
Hexachloro-1,3-Butadiene
Concen: 9.003 ppbv
RT: 23.365 min Scan# 6400
Delta R.T. 0.013 min
Lab File: VL037539.D
Acq: 4 Sep 2021 2:29



Tgt Ion:225 Resp: 2805127

Ion	Ratio	Lower	Upper
225	100		
223	63.5	51.4	77.0
227	64.7	52.9	79.3





#79
Naphthalene
Concen: 12.175 ppbv
RT: 22.182 min Scan# 6032
Delta R.T. 0.019 min
Lab File: VL037539.D
Acq: 4 Sep 2021 2:29

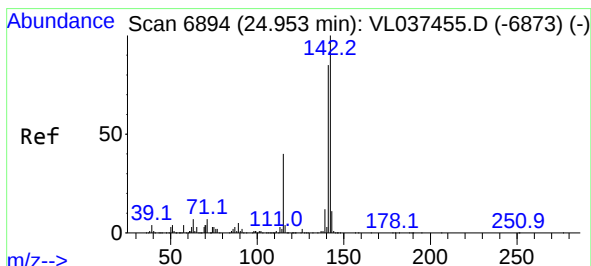
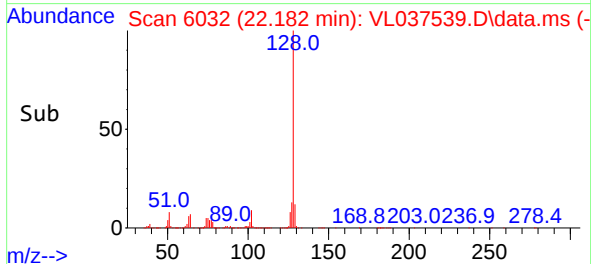
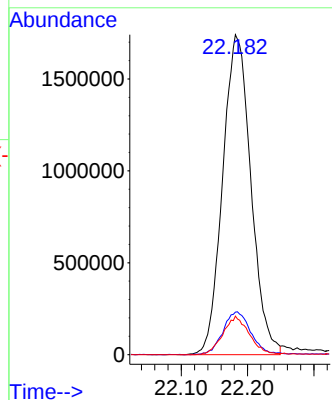
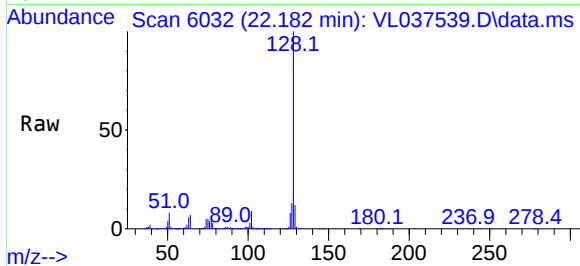
Tgt Ion:128 Resp: 5151098

Ion	Ratio	Lower	Upper
128	100		
127	13.2	9.4	14.2
129	12.0	8.8	13.2

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Manual Integrations
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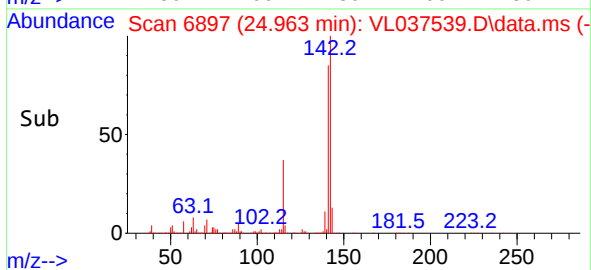
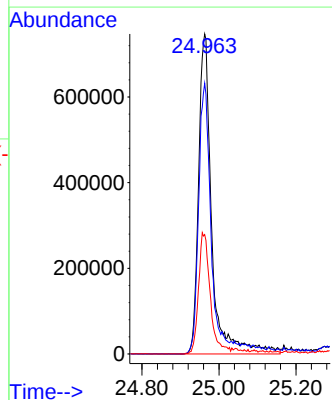
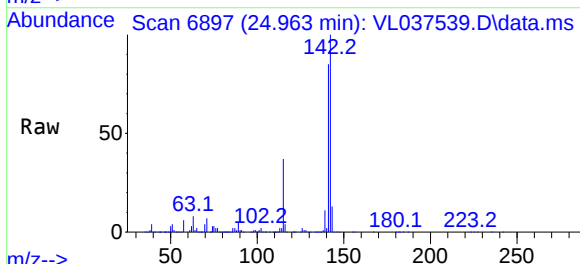
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9/10/2021 10:47:28 AM

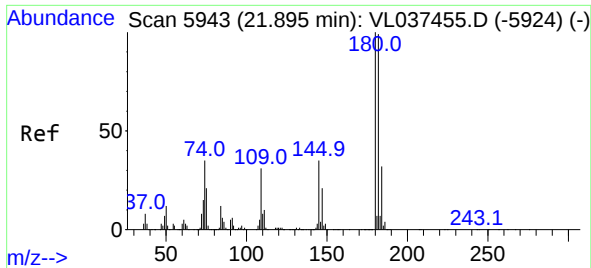


#80
Naphthalene,2-methyl-
Concen: 15.163 ppbv
RT: 24.963 min Scan# 6897
Delta R.T. 0.010 min
Lab File: VL037539.D
Acq: 4 Sep 2021 2:29

Tgt Ion:142 Resp: 1787193

Ion	Ratio	Lower	Upper
142	100		
141	83.2	64.7	97.1
115	35.3	28.4	42.6





#81
 1,2,4-Trichlorobenzene
 Concen: 10.820 ppbv
 RT: 21.915 min Scan# 5949
 Delta R.T. 0.019 min
 Lab File: VL037539.D
 Acq: 4 Sep 2021 2:29

Tgt Ion:180 Resp: 2872581

Ion	Ratio	Lower	Upper
180	100		
182	96.7	79.6	119.4
184	31.5	25.4	38.2

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC

Manual Integrations
 APPROVED

MMDadoda
 9/10/2021 10:47:28 AM

