

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL092921\
 Data File : VL037736.D
 Acq On : 30 Sep 2021 10:36
 Operator : SY/AP
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC

Manual Integrations
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SAM
 10/1/2021 11:09:34 AM

Quant Time: Oct 01 01:17:02 2021

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL091621AIR.M

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Thu Sep 16 13:42:46 2021

QLast Update : Thu Sep 16 13:42:46 2021

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.658	49	1260760	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.169	114	3739324	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.076	117	3251221	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene 14.400 95 2497169 10.63 ppbv 0.00
 Spiked Amount 10.000 Range 65 - 135 Recovery = 106.30%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	3.047	85	1999463	8.76	ppbv	100
3) Chlorodifluoromethane	2.986	51	2543593	10.70	ppbv	99
4) Chloromethane	3.137	50	970754	11.05	ppbv	97
5) Vinyl Chloride	3.256	62	976374	11.83	ppbv	99
6) Bromomethane	3.472	94	518741	10.81	ppbv	100
7) Chloroethane	3.555	64	330899	10.73	ppbv	100
8) Dichlorotetrafluoroethane	3.185	85	2170533	11.03	ppbv	99
9) Propene	3.009	41	952147	11.35	ppbv	96
10) Heptane	8.115	43	2331591	11.91	ppbv	100
11) Trichlorofluoromethane	3.947	101	1960146	10.70	ppbv	94
12) 1,1,2-Trichlorotrifluo...	4.481	101	1499476	11.09	ppbv	98
13) Ethanol	3.600	45	94005m	11.46	ppbv	
14) Bromoethene	3.735	108	682232	11.09	ppbv	98
15) Acetone	3.845	43	1194614	9.12	ppbv	99
16) 1,3-Butadiene	3.324	39	934648	11.42	ppbv	99
17) tert-Butyl alcohol	4.282	59	1219881	10.98	ppbv	97
18) 1,1-Dichloroethene	4.282	96	681273	10.82	ppbv	97
19) Isopropyl Alcohol	3.957	45	758370	10.64	ppbv #	97
20) Methylene Chloride	4.340	84	599397	9.58	ppbv	95
21) Allyl Chloride	4.407	41	1101201	11.25	ppbv	99
22) trans-1,2-Dichloroethene	4.880	96	706439	11.15	ppbv	97
23) Vinyl Acetate	5.066	43	2053107	11.33	ppbv #	97
24) 1,1-Dichloroethane	5.005	63	1390301	10.71	ppbv	98
25) Ethyl Acetate	5.671	43	3586916	11.31	ppbv	99
26) Hexane	5.681	57	1696731	11.26	ppbv	98
27) Carbon Disulfide	4.546	76	1672091	12.13	ppbv	100
28) Methyl tert-Butyl Ether	5.025	73	1461600	11.01	ppbv	99
29) Chloroform	5.745	83	2377502	10.80	ppbv	100
30) Cyclohexane	7.124	84	1443506	11.20	ppbv	99
31) cis-1,2-Dichloroethene	5.542	61	1604043	11.72	ppbv	96
32) 1,1,1-Trichloroethane	6.504	97	2265968	11.06	ppbv	99
34) 2-Butanone	5.237	43	1616862	10.64	ppbv	98
35) Carbon Tetrachloride	7.012	117	2366663	11.19	ppbv	99
36) Benzene	6.883	78	3550205	11.39	ppbv	99
37) 1,2-Dichloroethane	6.298	62	1691497	11.03	ppbv	100
38) Trichloroethene	7.825	130	1375301	10.56	ppbv	98
39) 1,2-Dichloropropane	7.607	63	1365173	11.43	ppbv	100
40) 1,4-Dioxane	7.822	88	315975m	10.88	ppbv	
41) Tetrahydrofuran	6.044	42	839935	11.76	ppbv	98
42) Bromodichloromethane	7.783	83	2520971	11.47	ppbv	99
43) Methyl Methacrylate	8.005	69	1264149	12.19	ppbv	98
44) 2,2,4-Trimethylpentane	7.861	57	5856036	11.17	ppbv	99
45) t-1,3-Dichloropropene	9.269	75	1141019	14.00	ppbv	96

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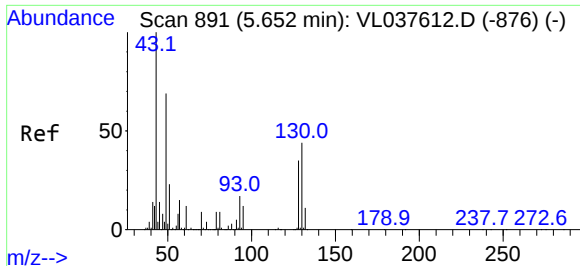
Manual Integrations
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SAM
 10/1/2021 11:09:34 AM

Quant Time: Oct 01 01:17:02 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL091621AIR.M
 Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Thu Sep 16 13:42:46 2021
 QLast Update : Thu Sep 16 13:42:46 2021
 Response via : Initial Calibration

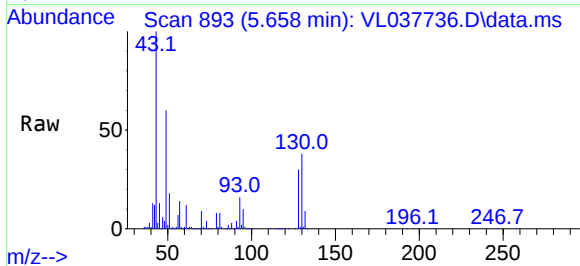
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.693	75	1474639	13.40	ppbv	98
47) 1,1,2-Trichloroethane	9.465	97	1415023	10.71	ppbv	98
48) Dibromochloromethane	10.291	129	2221603	12.05	ppbv	98
49) Bromoform	13.028	173	1846640m	12.52	ppbv	
50) 4-Methyl-2-Pentanone	8.732	43	2317810	12.02	ppbv	99
51) 2-Hexanone	10.124	43	1097974	12.90	ppbv #	98
52) Tetrachloroethene	11.211	164	1307226	10.92	ppbv	98
53) Toluene	9.796	91	4114882	11.87	ppbv	99
54) 1,2-Dibromoethane	10.600	107	2032787	11.24	ppbv	100
56) 1,1,1,2-Tetrachloroethane	12.114	131	1519512	11.27	ppbv	96
57) Chlorobenzene	12.134	112	2990449	11.06	ppbv	99
58) Ethyl Benzene	12.700	91	5190533	12.03	ppbv	99
59) m/p-Xylene	12.986	91	8701262m	23.14	ppbv	
60) o-Xylene	13.680	91	4009898	11.20	ppbv	98
61) Styrene	13.516	104	2348852	13.31	ppbv	99
62) Isopropylbenzene	14.654	105	5640076	11.28	ppbv	99
63) 1,1,2,2-Tetrachloroethane	13.661	83	2917965	10.42	ppbv	100
64) n-propylbenzene	15.548	120	1554596	12.05	ppbv	92
65) tert-Butylbenzene	16.732	119	4976964	11.04	ppbv	99
66) Benzyl Chloride	16.973	91	351422	14.26	ppbv	99
67) sec-Butylbenzene	17.281	105	6976335	11.40	ppbv	99
69) p-Isopropyltoluene	17.638	119	5840694	11.69	ppbv	100
70) n-Butylbenzene	18.535	91	5679114	12.01	ppbv	100
71) 2-Chlorotoluene	15.439	91	4228829	11.80	ppbv	98
72) 4-Ethyltoluene	15.825	105	4918131	11.97	ppbv	100
73) 1,3,5-Trimethylbenzene	15.986	105	4385726	11.45	ppbv	100
74) 1,2,4-Trimethylbenzene	16.751	105	4576663	11.34	ppbv	99
75) 1,3-Dichlorobenzene	16.979	146	2844854	11.35	ppbv	99
76) 1,4-Dichlorobenzene	17.121	146	2757684	11.15	ppbv	99
77) 1,2-Dichlorobenzene	17.799	146	2720473	11.44	ppbv	98
78) Hexachloro-1,3-Butadiene	23.355	225	1965756	9.82	ppbv	99
79) Naphthalene	22.175	128	3291875	13.29	ppbv	99
80) Naphthalene,2-methyl-	24.960	142	999422	17.65	ppbv	98
81) 1,2,4-Trichlorobenzene	21.908	180	1952081	12.27	ppbv	99

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



#1
Bromochloromethane
Concen: 10.00 ppbv
RT: 5.658 min Scan# 893
Delta R.T. 0.007 min
Lab File: VL037736.D
Acq: 30 Sep 2021 10:36

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VSTDCCC010EC

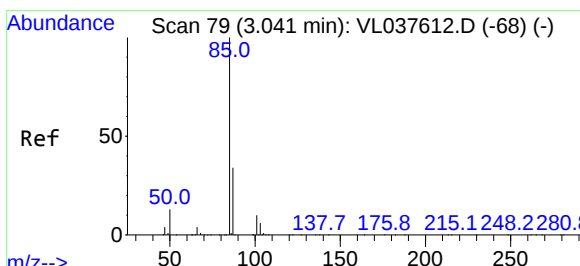
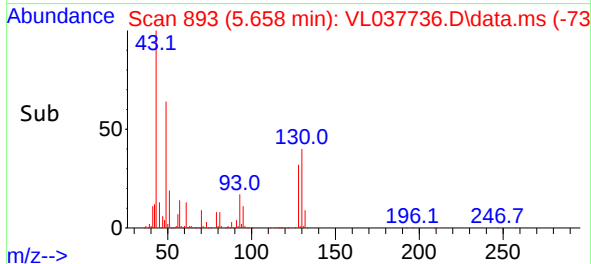
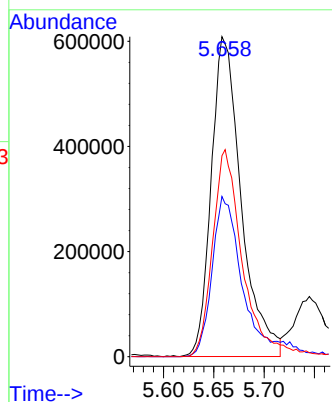


Tgt Ion: 49 Resp: 1260760

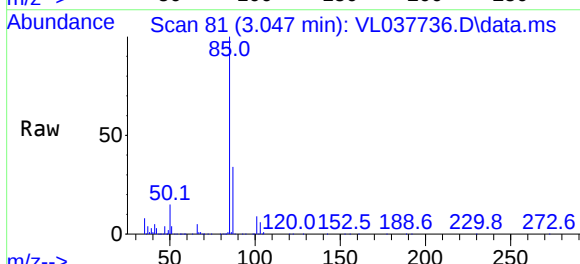
Ion	Ratio	Lower	Upper
49	100		
128	54.2	27.9	83.6
130	66.0	33.9	101.7

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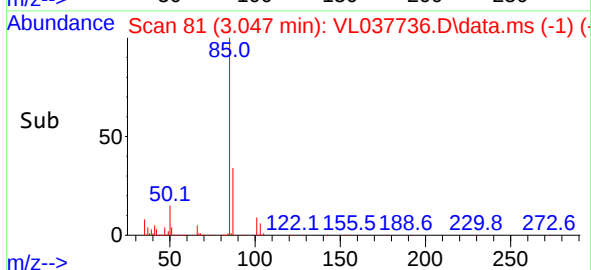
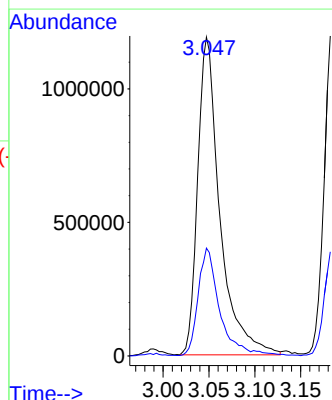


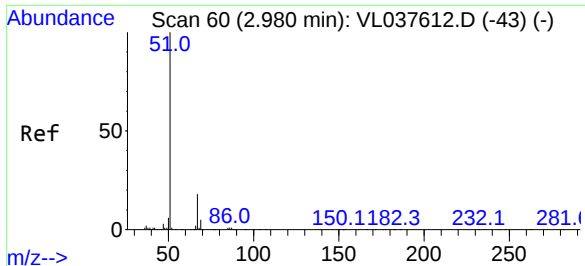
#2
Dichlorodifluoromethane
Concen: 8.76 ppbv
RT: 3.047 min Scan# 81
Delta R.T. 0.007 min
Lab File: VL037736.D
Acq: 30 Sep 2021 10:36



Tgt Ion: 85 Resp: 1999463

Ion	Ratio	Lower	Upper
85	100		
87	33.8	26.8	40.2





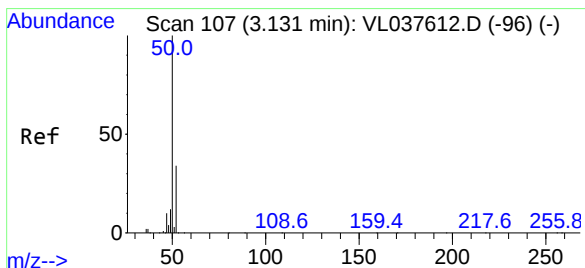
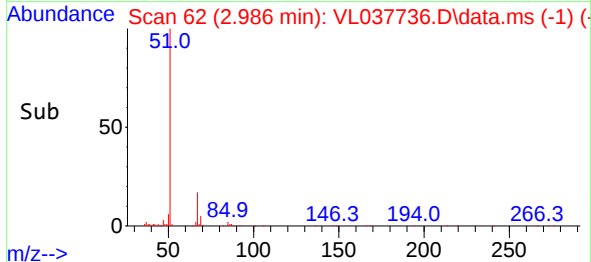
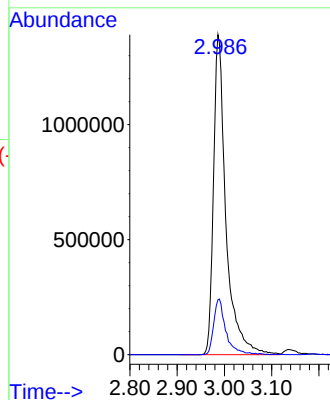
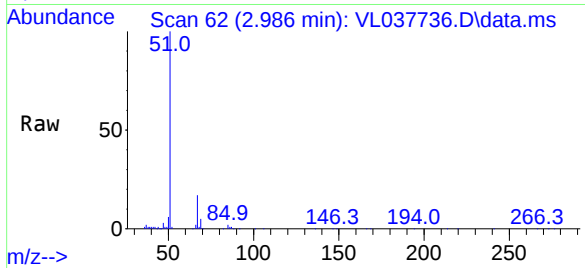
#3
Chlorodifluoromethane
Concen: 10.70 ppbv
RT: 2.986 min Scan# 62
Delta R.T. 0.007 min
Lab File: VL037736.D
Acq: 30 Sep 2021 10:36

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 51 Resp: 2543593
Ion Ratio Lower Upper
51 100
67 17.3 14.0 21.0

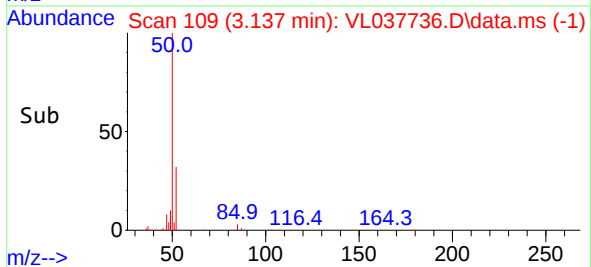
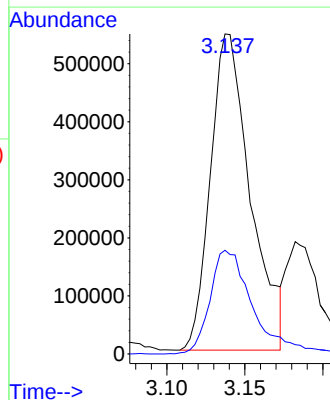
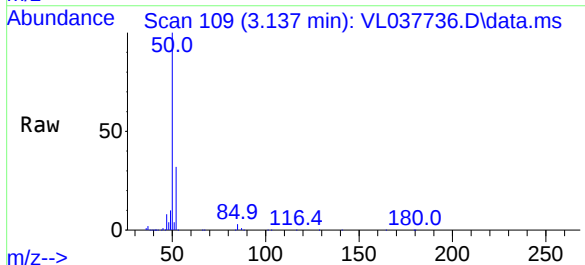
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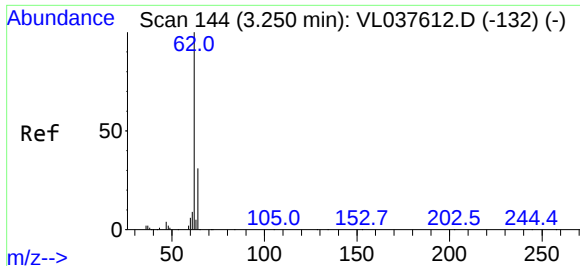
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#4
Chloromethane
Concen: 11.05 ppbv
RT: 3.137 min Scan# 109
Delta R.T. 0.007 min
Lab File: VL037736.D
Acq: 30 Sep 2021 10:36

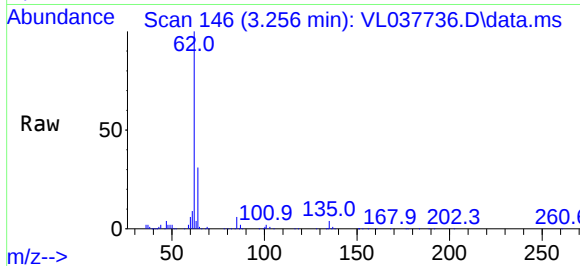
Tgt Ion: 50 Resp: 970754
Ion Ratio Lower Upper
50 100
52 32.4 27.1 40.7





#5
 Vinyl Chloride
 Concen: 11.83 ppbv
 RT: 3.256 min Scan# 146
 Delta R.T. 0.007 min
 Lab File: VL037736.D
 Acq: 30 Sep 2021 10:36

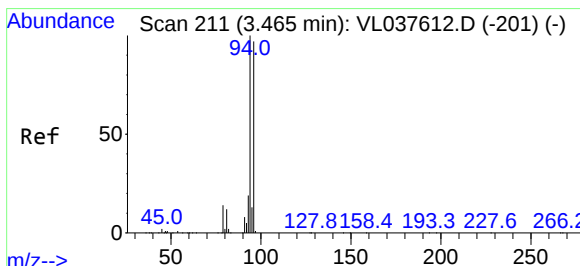
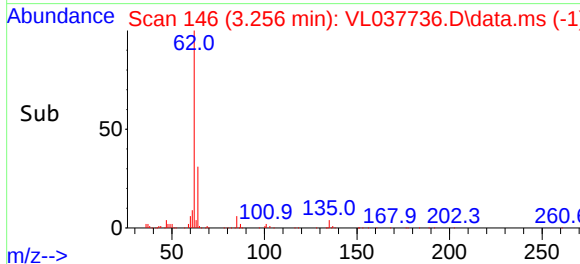
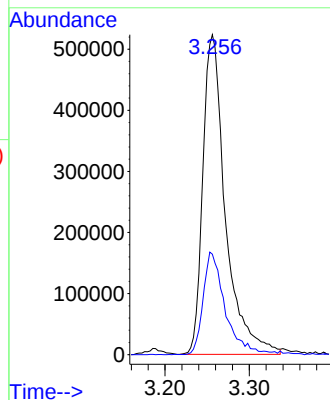
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC



Tgt Ion: 62 Resp: 976374
 Ion Ratio Lower Upper
 62 100
 64 31.4 24.9 37.3

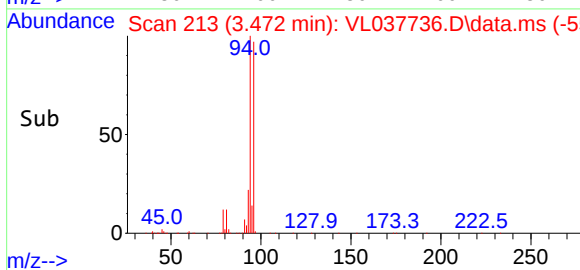
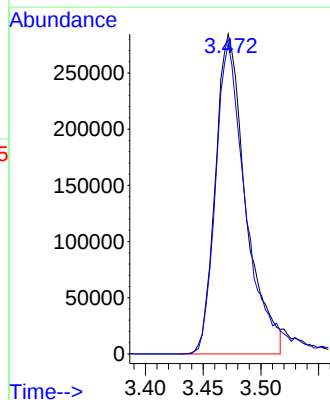
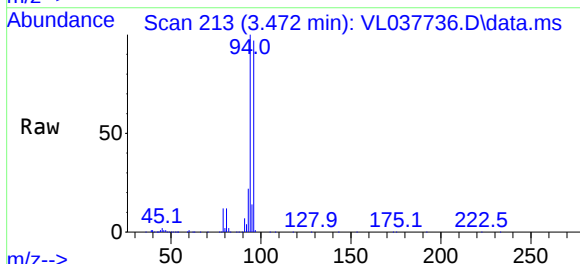
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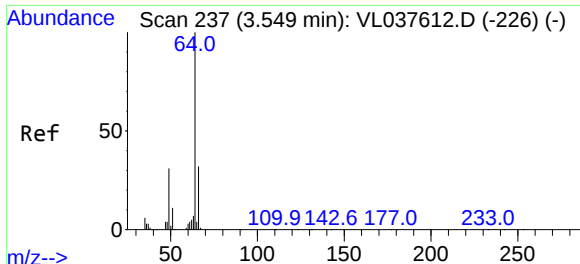
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#6
 Bromomethane
 Concen: 10.81 ppbv
 RT: 3.472 min Scan# 213
 Delta R.T. 0.007 min
 Lab File: VL037736.D
 Acq: 30 Sep 2021 10:36

Tgt Ion: 94 Resp: 518741
 Ion Ratio Lower Upper
 94 100
 96 96.9 77.3 115.9





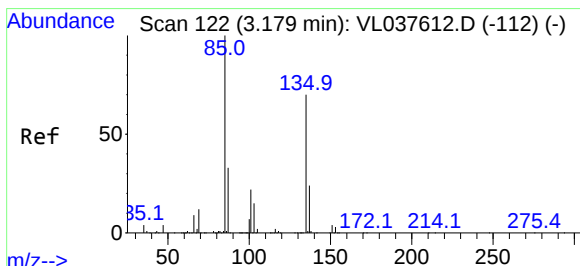
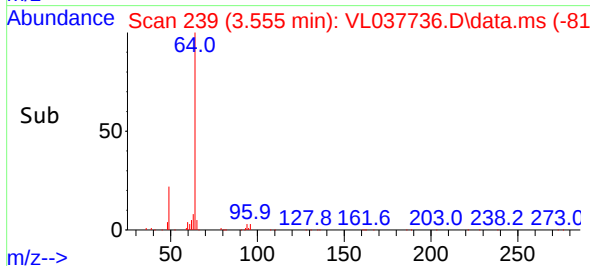
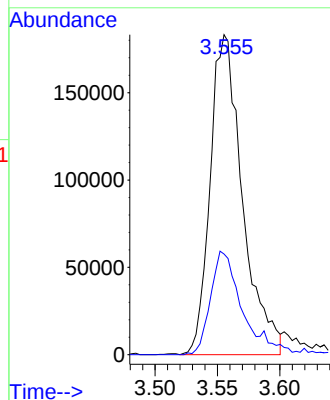
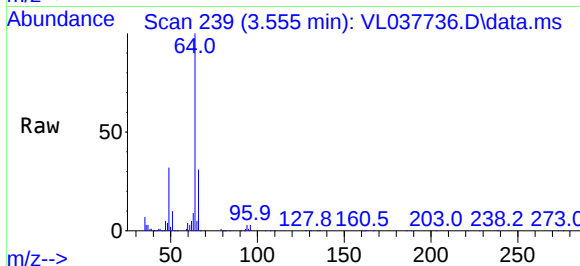
#7
Chloroethane
Concen: 10.73 ppbv
RT: 3.555 min Scan# 239
Delta R.T. 0.007 min
Lab File: VL037736.D
Acq: 30 Sep 2021 10:36

Tgt Ion: 64 Resp: 330899
Ion Ratio Lower Upper
64 100
66 31.4 25.3 37.9

Instrument :
MSVOA_L
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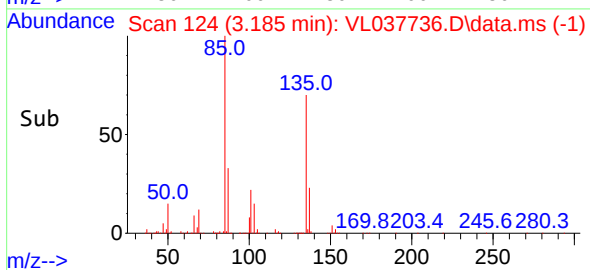
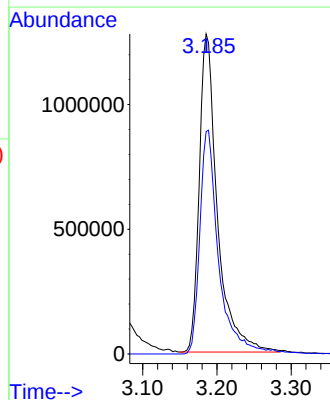
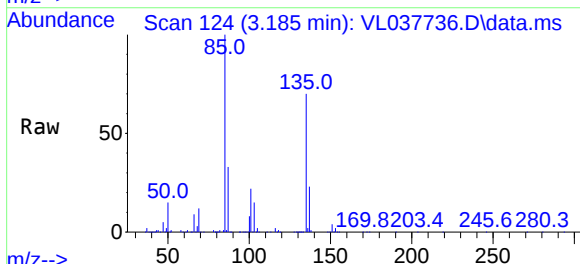
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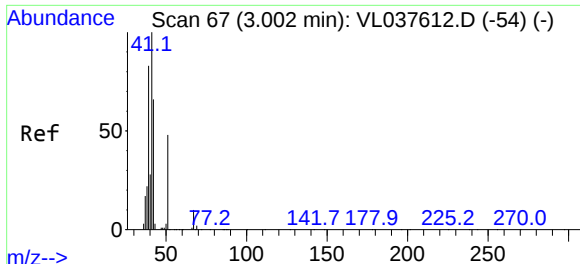
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#8
Dichlorotetrafluoroethane
Concen: 11.03 ppbv
RT: 3.185 min Scan# 124
Delta R.T. 0.007 min
Lab File: VL037736.D
Acq: 30 Sep 2021 10:36

Tgt Ion: 85 Resp: 2170533
Ion Ratio Lower Upper
85 100
135 73.5 59.3 88.9





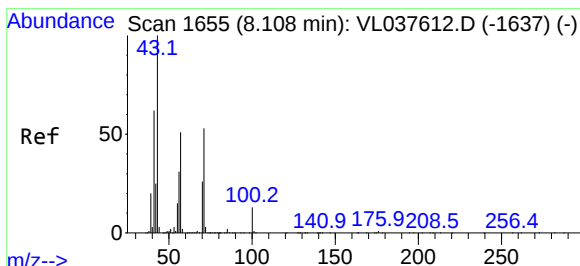
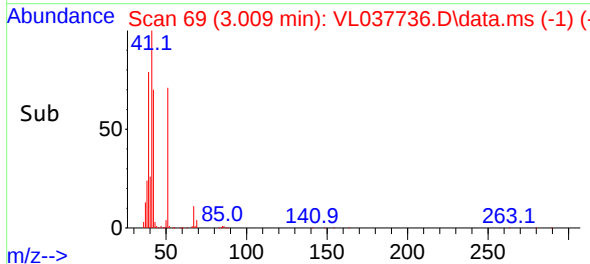
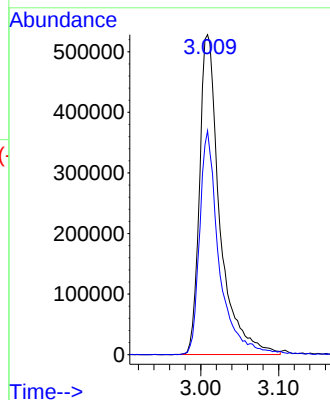
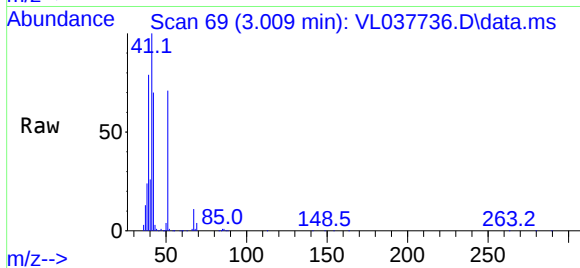
#9
Propene
Concen: 11.35 ppbv
RT: 3.009 min Scan# 69
Delta R.T. 0.007 min
Lab File: VL037736.D
Acq: 30 Sep 2021 10:36

Tgt Ion: 41 Resp: 952147
Ion Ratio Lower Upper
41 100
42 68.0 57.2 85.8

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

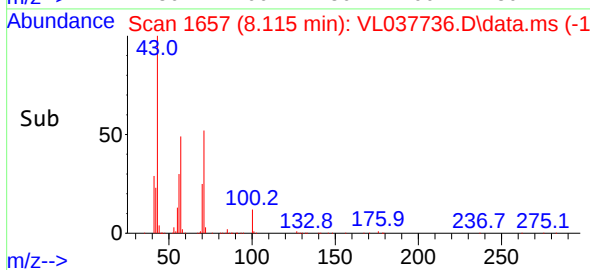
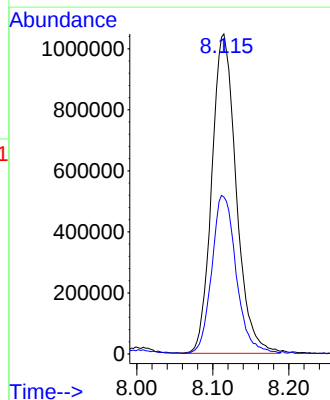
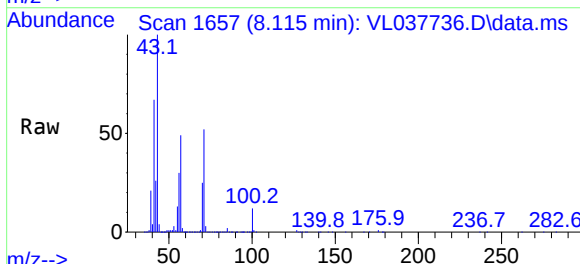
Manual Integrations
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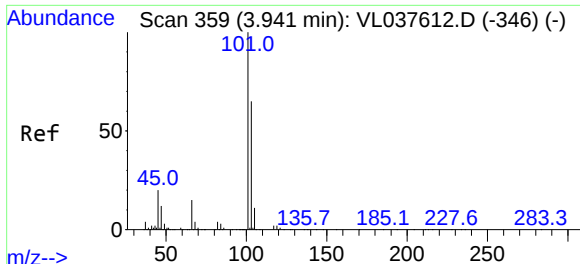
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#10
Heptane
Concen: 11.91 ppbv
RT: 8.115 min Scan# 1657
Delta R.T. 0.007 min
Lab File: VL037736.D
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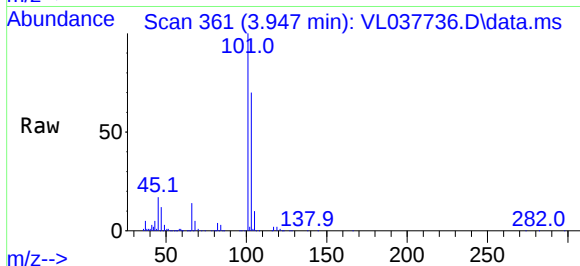
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Ion Ratio Lower Upper
43 100
57 50.3 40.1 60.1





#11
 Trichlorofluoromethane
 Concen: 10.70 ppbv
 RT: 3.947 min Scan# 361
 Delta R.T. 0.007 min
 Lab File: VL037736.D
 Acq: 30 Sep 2021 10:36

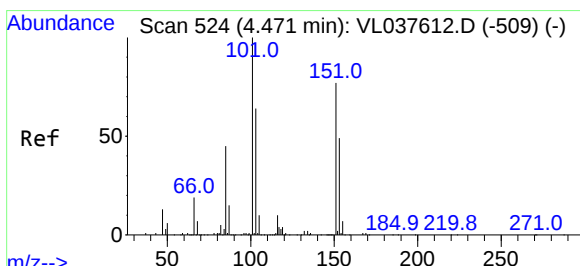
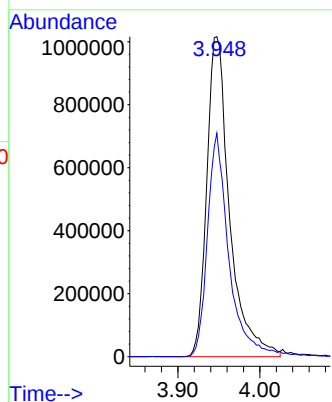
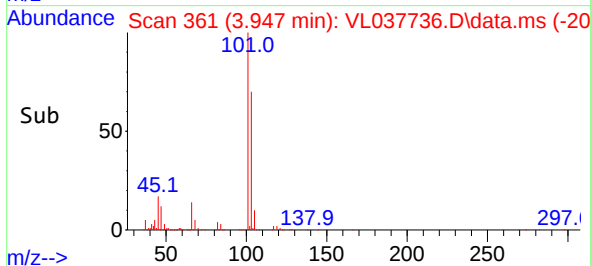
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC



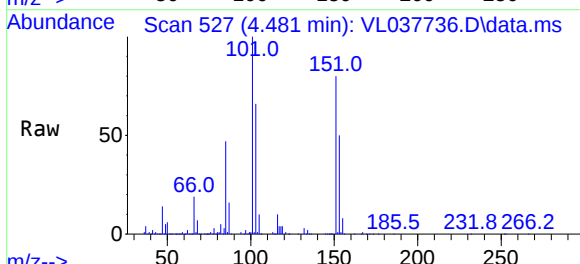
Tgt Ion:101 Resp: 1960146
 Ion Ratio Lower Upper
 101 100
 103 69.8 51.9 77.9

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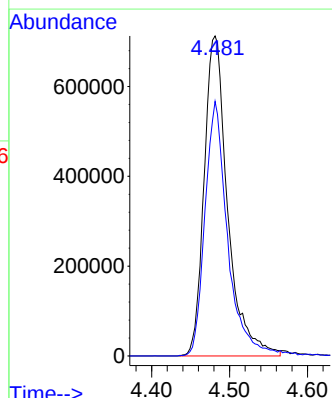
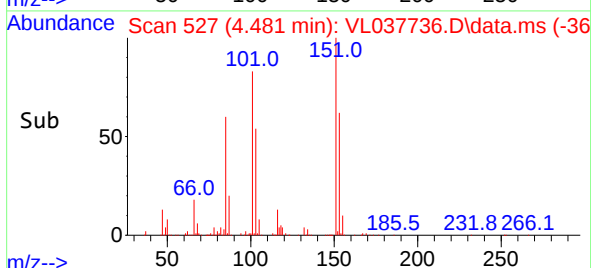
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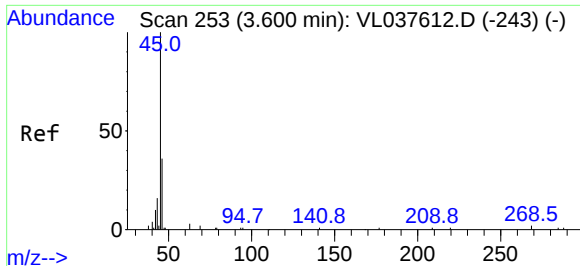


#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 11.09 ppbv
 RT: 4.481 min Scan# 527
 Delta R.T. 0.010 min
 Lab File: VL037736.D
 Acq: 30 Sep 2021 10:36



Tgt Ion:101 Resp: 1499476
 Ion Ratio Lower Upper
 101 100
 151 77.4 63.5 95.3





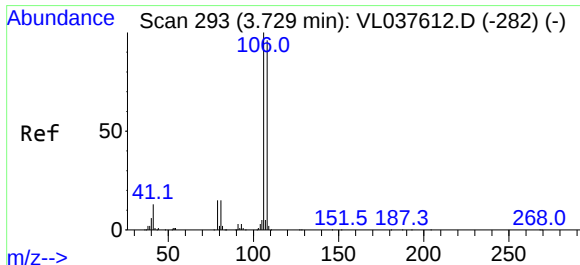
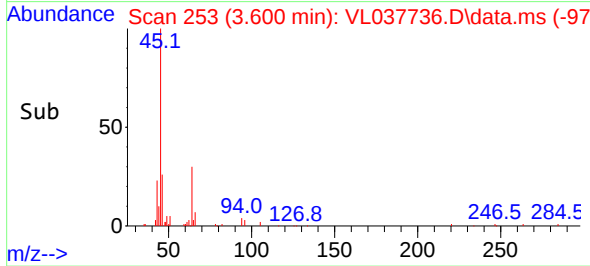
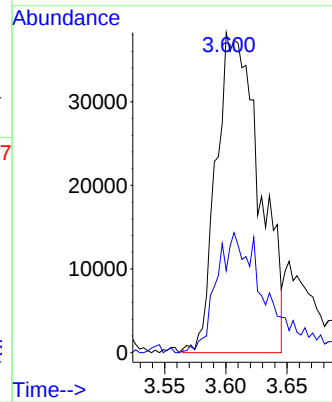
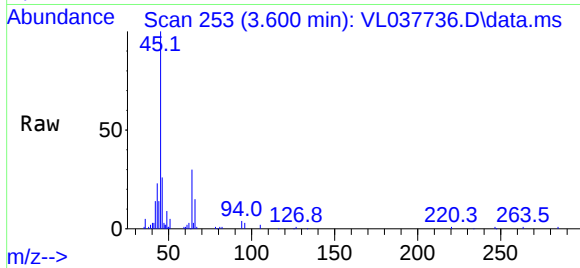
#13
Ethanol
Concen: 11.46 ppbv m
RT: 3.600 min Scan# 253
Delta R.T. 0.000 min
Lab File: VL037736.D
Acq: 30 Sep 2021 10:36

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 45 Resp: 94005
Ion Ratio Lower Upper
45 100
46 45.0 17.2 68.8

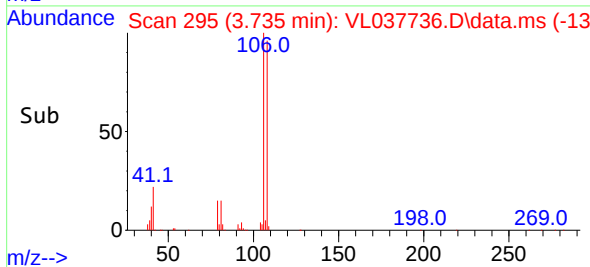
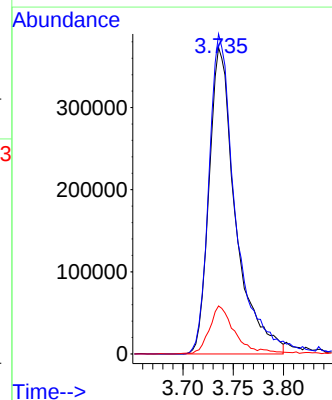
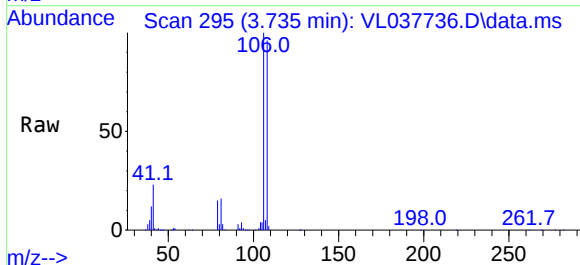
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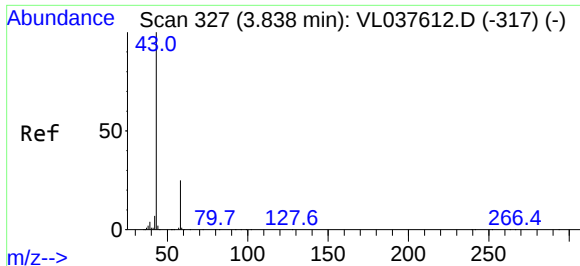
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#14
Bromoethene
Concen: 11.09 ppbv
RT: 3.735 min Scan# 295
Delta R.T. 0.007 min
Lab File: VL037736.D
Acq: 30 Sep 2021 10:36

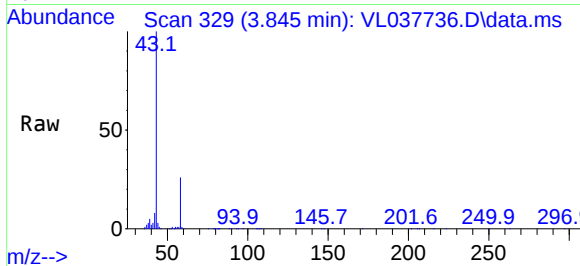
Tgt Ion: 108 Resp: 682232
Ion Ratio Lower Upper
108 100
106 107.4 88.2 132.4
79 15.8 12.8 19.2





#15
Acetone
Concen: 9.12 ppbv
RT: 3.845 min Scan# 329
Delta R.T. 0.007 min
Lab File: VL037736.D
Acq: 30 Sep 2021 10:36

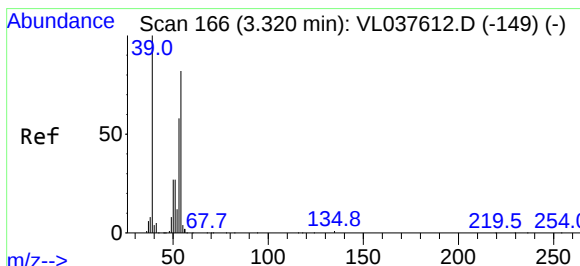
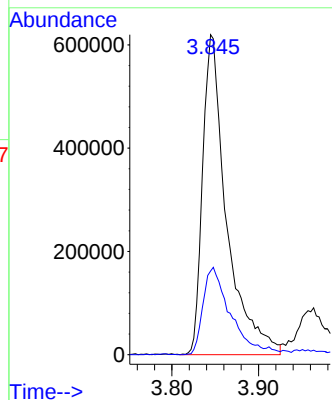
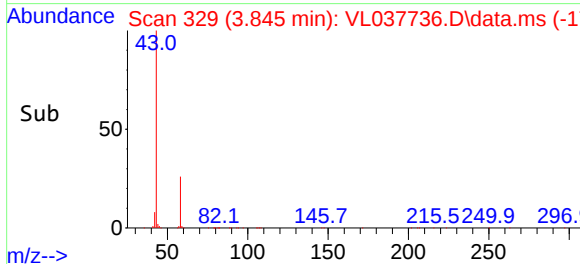
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



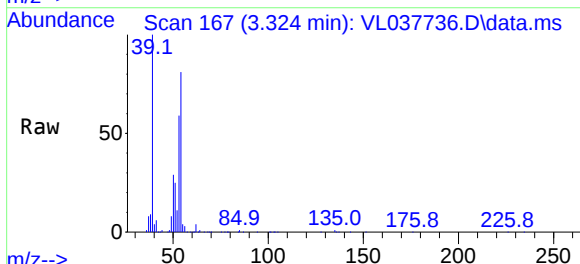
Tgt Ion: 43 Resp: 1194614
Ion Ratio Lower Upper
43 100
58 31.4 24.9 37.3

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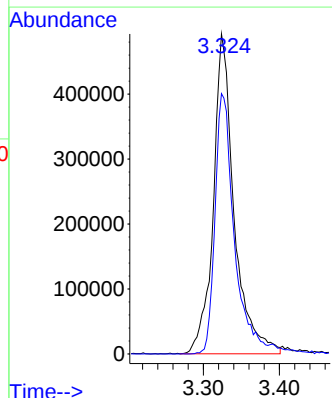
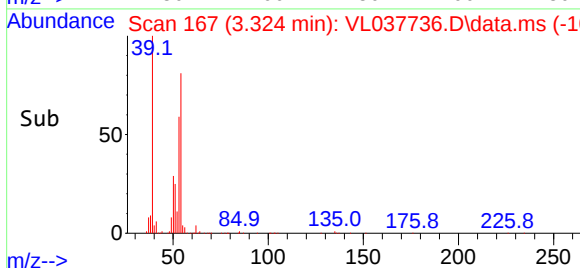
SAM
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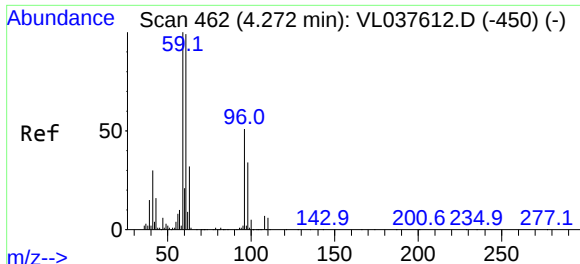


#16
1,3-Butadiene
Concen: 11.42 ppbv
RT: 3.324 min Scan# 167
Delta R.T. 0.003 min
Lab File: VL037736.D
Acq: 30 Sep 2021 10:36



Tgt Ion: 39 Resp: 934648
Ion Ratio Lower Upper
39 100
54 77.7 62.6 93.8





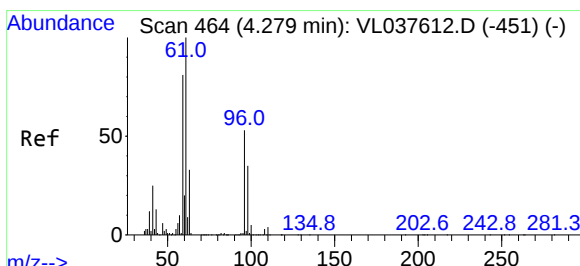
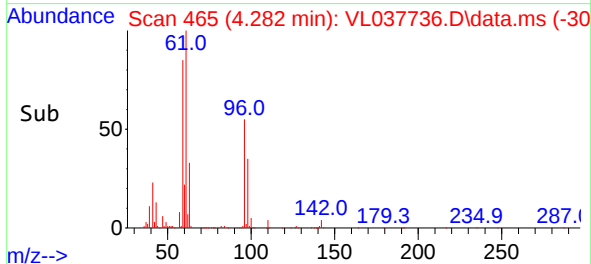
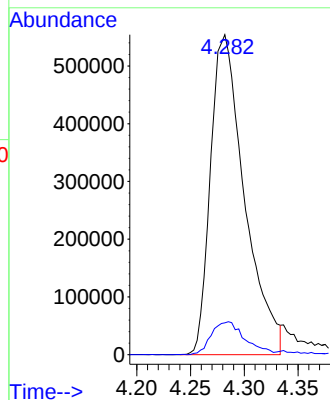
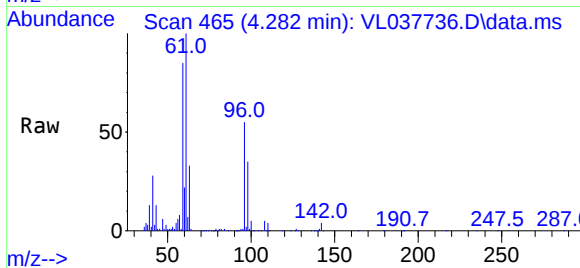
#17
tert-Butyl alcohol
Concen: 10.98 ppbv
RT: 4.282 min Scan# 465
Delta R.T. 0.010 min
Lab File: VL037736.D
Acq: 30 Sep 2021 10:36

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 59 Resp: 1219881
Ion Ratio Lower Upper
59 100
57 11.5 8.4 12.6

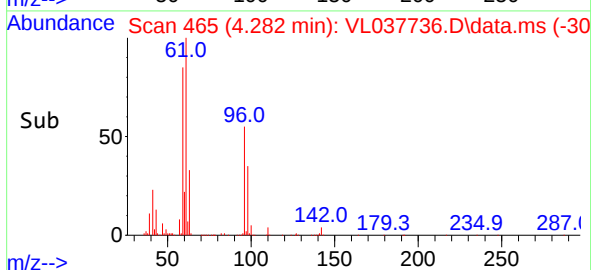
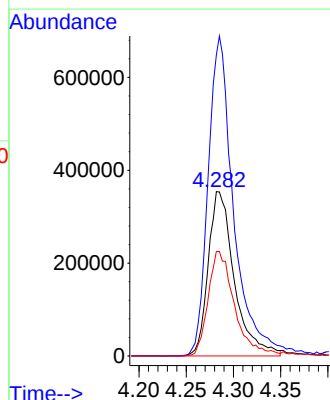
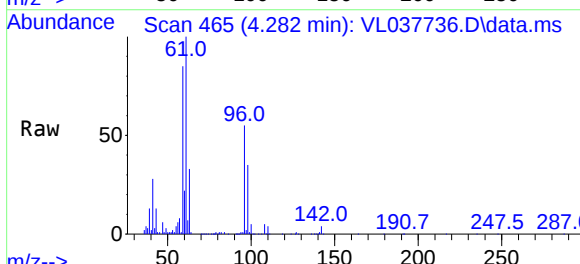
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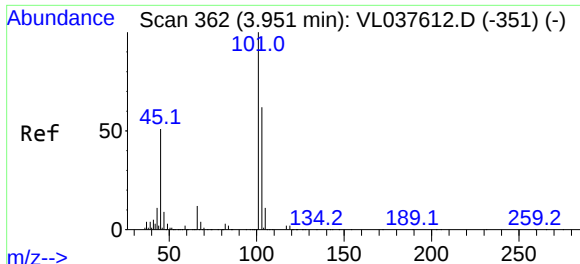
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#18
1,1-Dichloroethene
Concen: 10.82 ppbv
RT: 4.282 min Scan# 465
Delta R.T. 0.003 min
Lab File: VL037736.D
Acq: 30 Sep 2021 10:36

Tgt Ion: 96 Resp: 681273
Ion Ratio Lower Upper
96 100
61 182.9 150.4 225.6
98 63.5 52.1 78.1





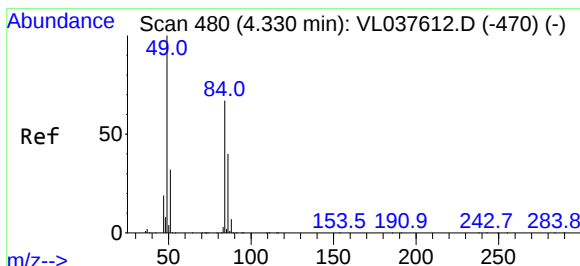
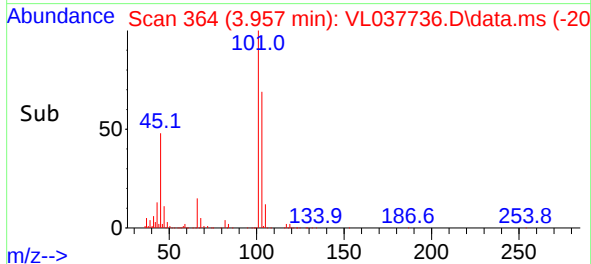
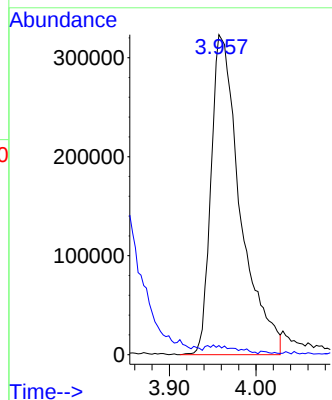
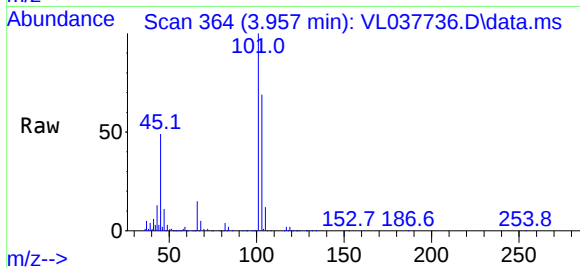
#19
Isopropyl Alcohol
Concen: 10.64 ppbv
RT: 3.957 min Scan# 364
Delta R.T. 0.007 min
Lab File: VL037736.D
Acq: 30 Sep 2021 10:36

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 45 Resp: 758370
Ion Ratio Lower Upper
45 100
58 2.7 2.9 4.3#

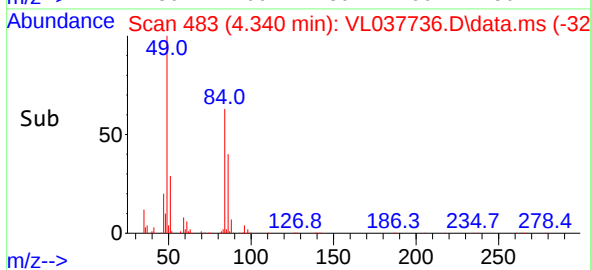
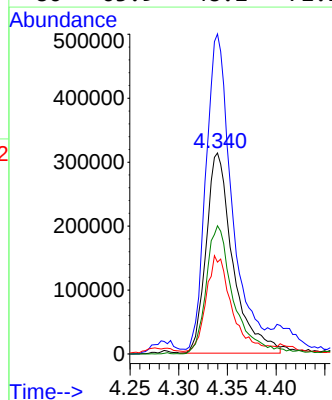
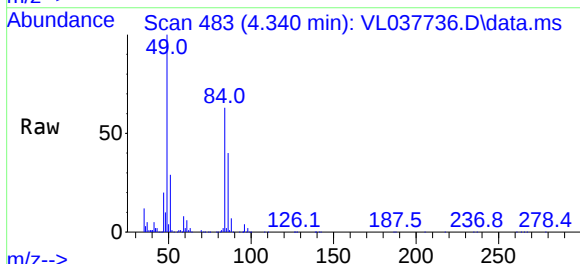
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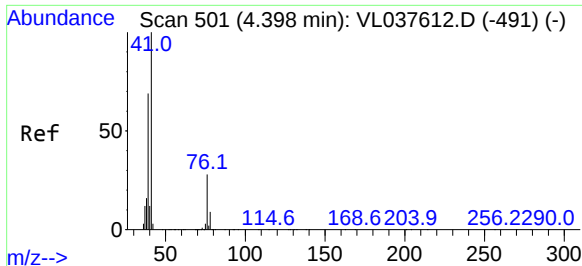
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#20
Methylene Chloride
Concen: 9.58 ppbv
RT: 4.340 min Scan# 483
Delta R.T. 0.010 min
Lab File: VL037736.D
Acq: 30 Sep 2021 10:36

Tgt Ion: 84 Resp: 599397
Ion Ratio Lower Upper
84 100
49 157.4 120.0 180.0
51 44.4 38.0 57.0
86 63.9 48.2 72.2





#21
 Allyl Chloride
 Concen: 11.25 ppbv
 RT: 4.407 min Scan# 504
 Delta R.T. 0.010 min
 Lab File: VL037736.D
 Acq: 30 Sep 2021 10:36

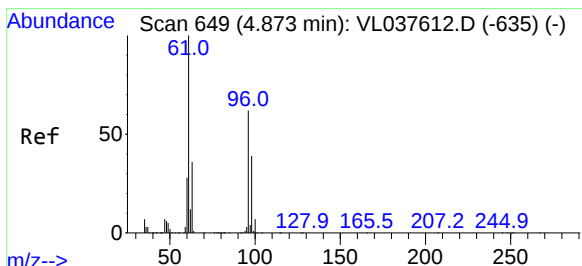
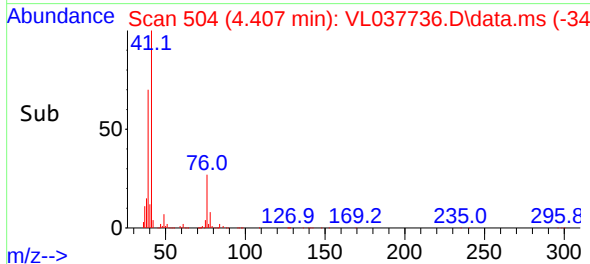
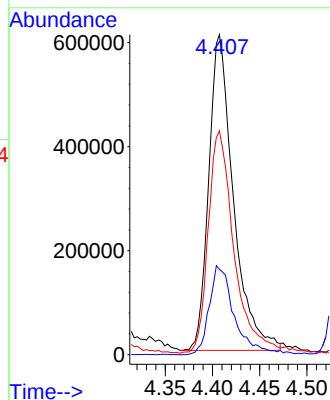
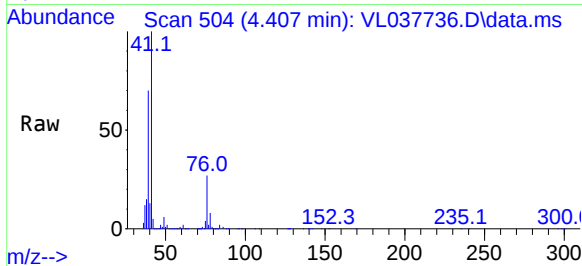
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC

Tgt Ion: 41 Resp: 1101201

Ion	Ratio	Lower	Upper
41	100		
76	29.0	23.1	34.7
39	75.5	61.0	91.6

Manual Integrations
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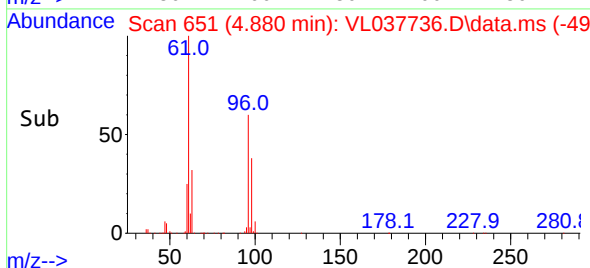
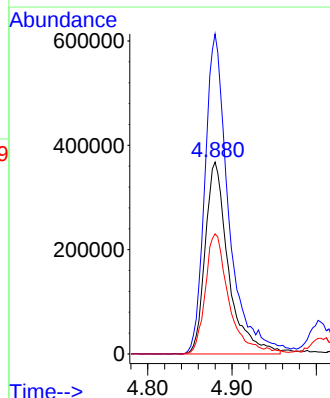
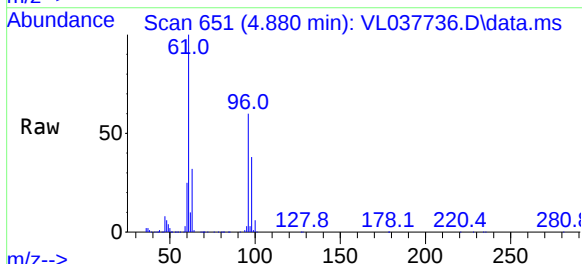
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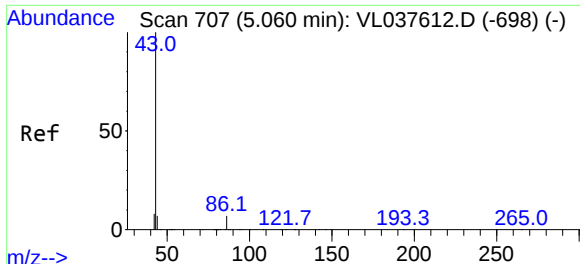


#22
 trans-1,2-Dichloroethene
 Concen: 11.15 ppbv
 RT: 4.880 min Scan# 651
 Delta R.T. 0.007 min
 Lab File: VL037736.D
 Acq: 30 Sep 2021 10:36

Tgt Ion: 96 Resp: 706439

Ion	Ratio	Lower	Upper
96	100		
61	166.7	129.2	193.8
98	62.6	50.4	75.6





#23
 Vinyl Acetate
 Concen: 11.33 ppbv
 RT: 5.066 min Scan# 709
 Delta R.T. 0.007 min
 Lab File: VL037736.D
 Acq: 30 Sep 2021 10:36

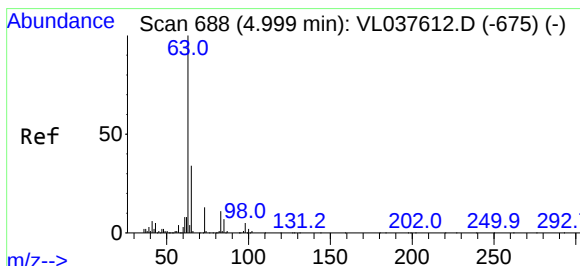
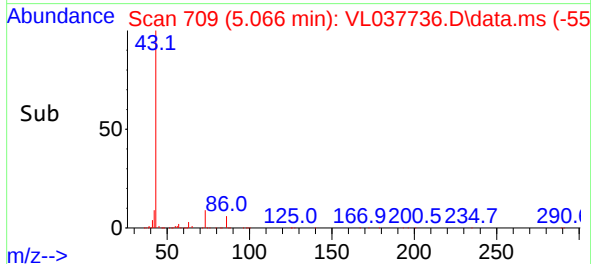
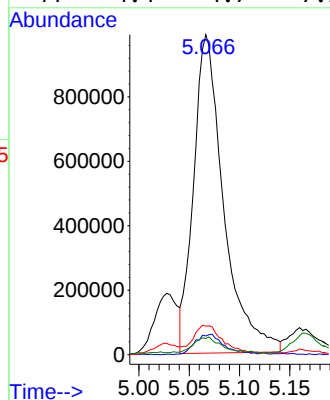
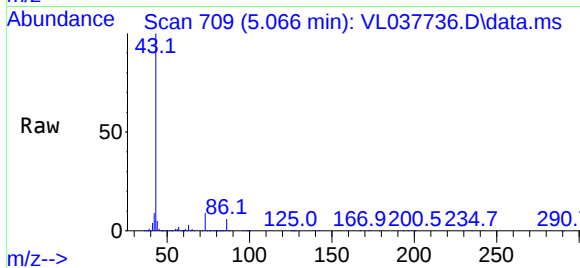
Tgt Ion: 43 Resp: 2053107

Ion	Ratio	Lower	Upper
43	100		
86	5.8	5.0	7.6
42	8.4	7.5	11.3
44	4.4	4.7	7.1#

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC

Manual Integrations
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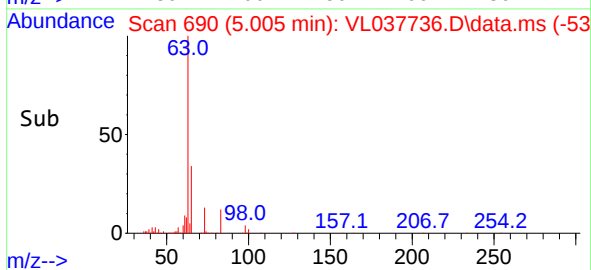
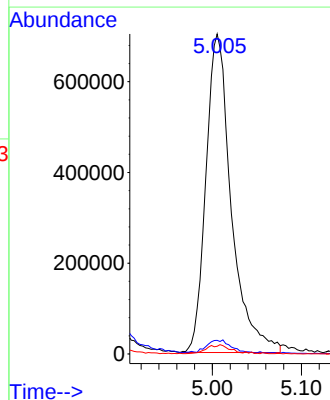
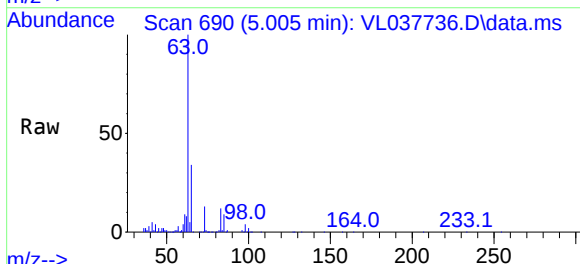
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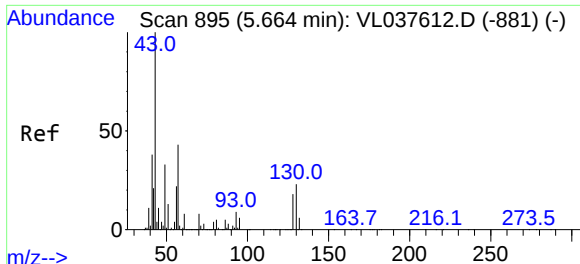


#24
 1,1-Dichloroethane
 Concen: 10.71 ppbv
 RT: 5.005 min Scan# 690
 Delta R.T. 0.007 min
 Lab File: VL037736.D
 Acq: 30 Sep 2021 10:36

Tgt Ion: 63 Resp: 1390301

Ion	Ratio	Lower	Upper
63	100		
98	4.0	2.4	7.2
100	2.3	1.1	3.5





#25
Ethyl Acetate
Concen: 11.31 ppbv
RT: 5.671 min Scan# 897
Delta R.T. 0.007 min
Lab File: VL037736.D
Acq: 30 Sep 2021 10:36

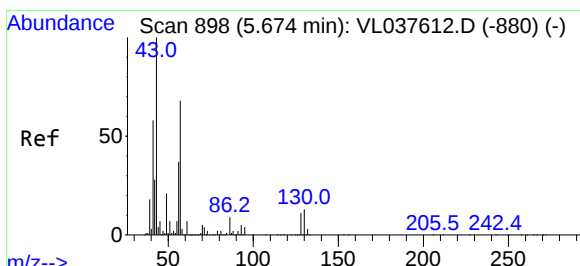
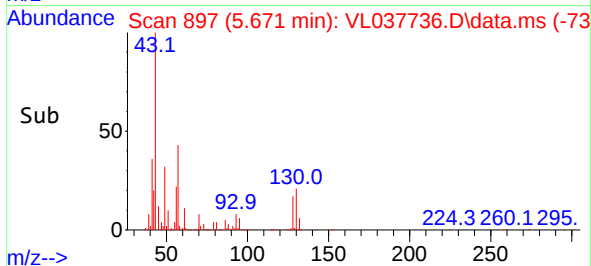
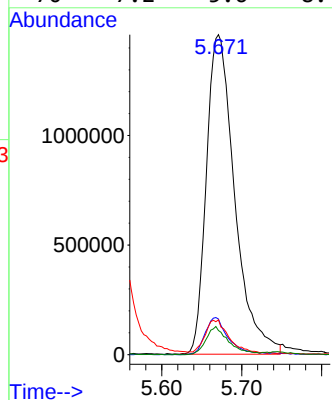
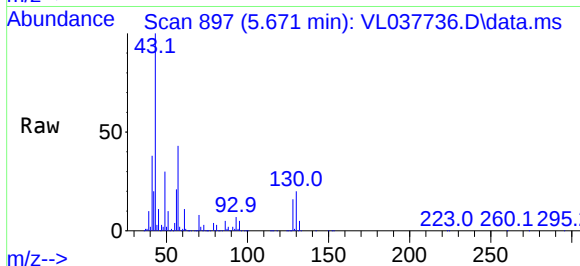
Tgt Ion: 43 Resp: 3586916

Ion	Ratio	Lower	Upper
43	100		
45	9.9	8.0	12.0
61	10.1	7.5	11.3
70	7.2	5.6	8.4

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

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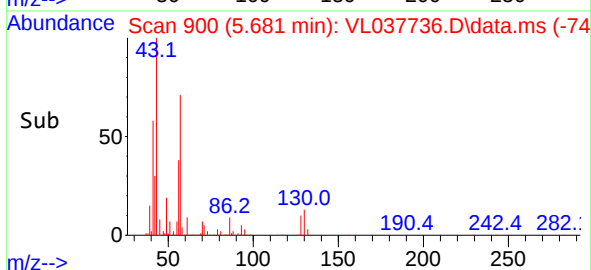
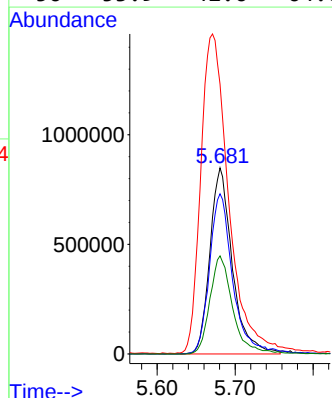
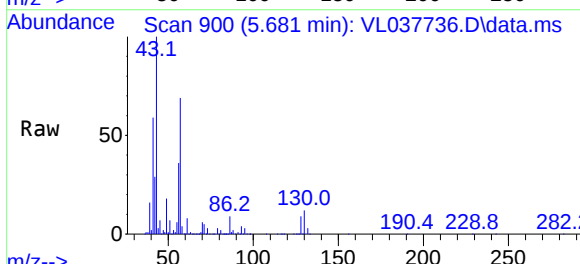
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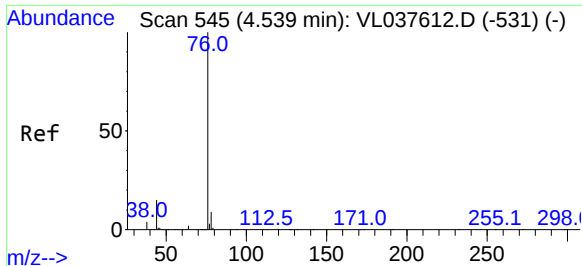


#26
Hexane
Concen: 11.26 ppbv
RT: 5.681 min Scan# 900
Delta R.T. 0.007 min
Lab File: VL037736.D
Acq: 30 Sep 2021 10:36

Tgt Ion: 57 Resp: 1696731

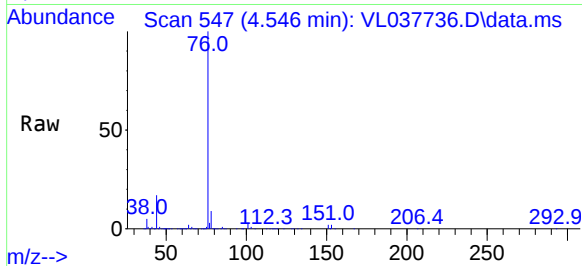
Ion	Ratio	Lower	Upper
57	100		
41	90.6	70.9	106.3
43	217.1	170.4	255.6
56	53.9	42.6	64.0





#27
Carbon Disulfide
Concen: 12.13 ppbv
RT: 4.546 min Scan# 547
Delta R.T. 0.007 min
Lab File: VL037736.D
Acq: 30 Sep 2021 10:36

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

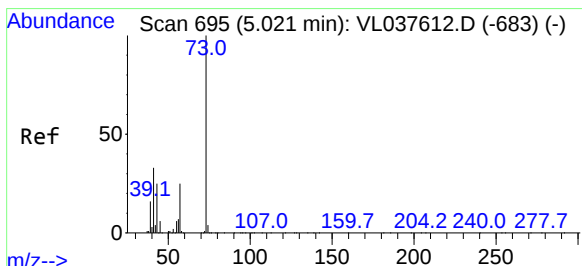
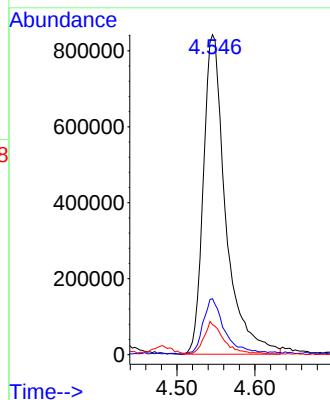
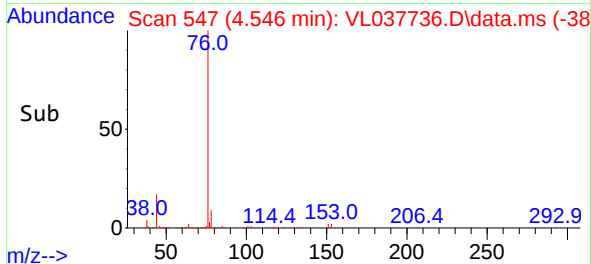


Tgt Ion: 76 Resp: 1672091

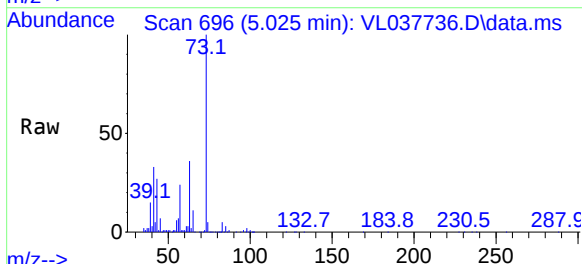
Ion	Ratio	Lower	Upper
76	100		
44	17.7	14.2	21.2
78	9.5	7.4	11.0

Manual Integrations
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10/1/2021 11:09:34 AM

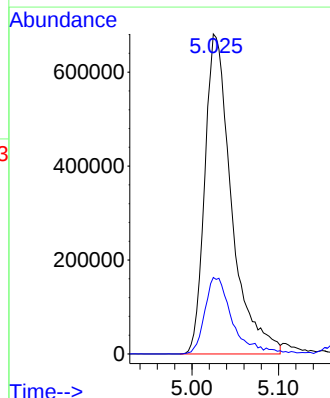
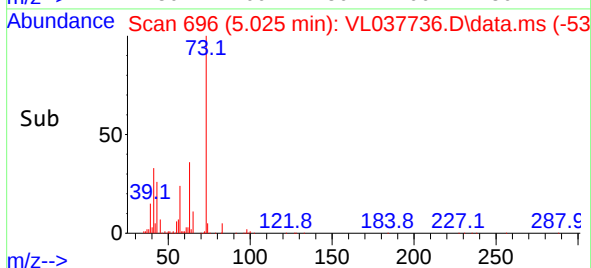


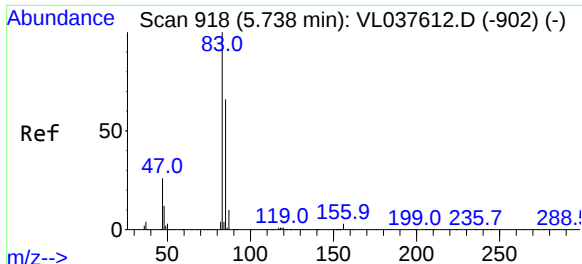
#28
Methyl tert-Butyl Ether
Concen: 11.01 ppbv
RT: 5.025 min Scan# 696
Delta R.T. 0.003 min
Lab File: VL037736.D
Acq: 30 Sep 2021 10:36



Tgt Ion: 73 Resp: 1461600

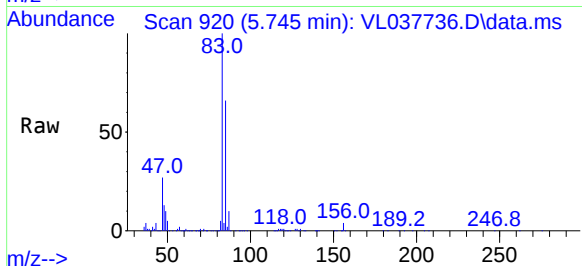
Ion	Ratio	Lower	Upper
73	100		
57	24.8	20.1	30.1





#29
Chloroform
Concen: 10.80 ppbv
RT: 5.745 min Scan# 920
Delta R.T. 0.007 min
Lab File: VL037736.D
Acq: 30 Sep 2021 10:36

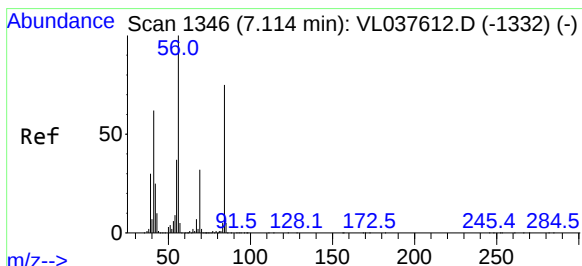
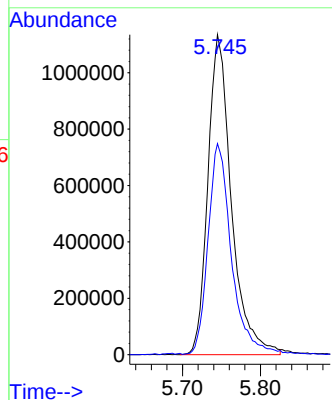
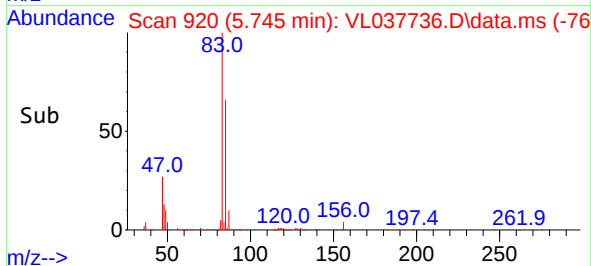
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



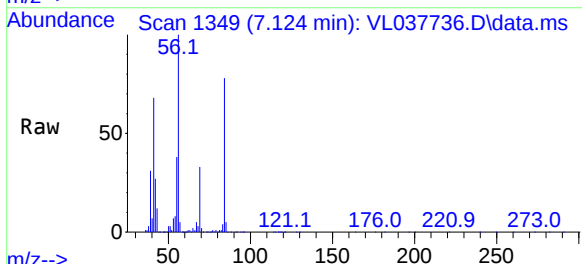
Tgt Ion: 83 Resp: 2377502
Ion Ratio Lower Upper
83 100
85 65.6 52.6 79.0

Manual Integrations
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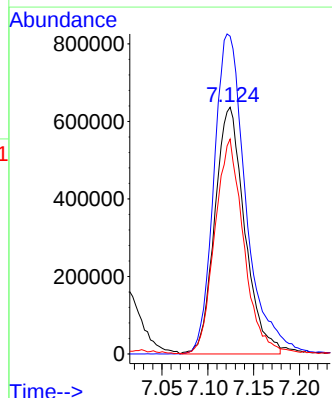
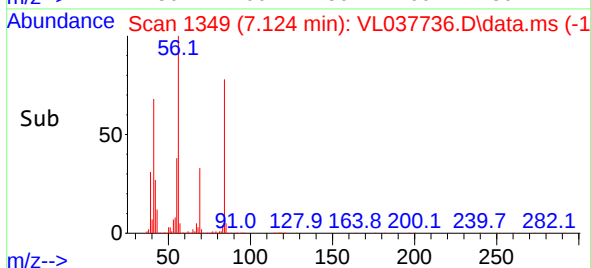
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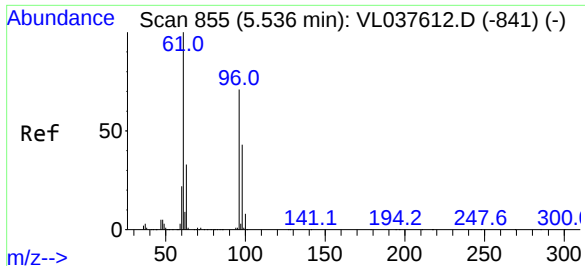


#30
Cyclohexane
Concen: 11.20 ppbv
RT: 7.124 min Scan# 1349
Delta R.T. 0.010 min
Lab File: VL037736.D
Acq: 30 Sep 2021 10:36



Tgt Ion: 84 Resp: 1443506
Ion Ratio Lower Upper
84 100
56 139.4 113.6 170.4
41 85.1 67.9 101.9





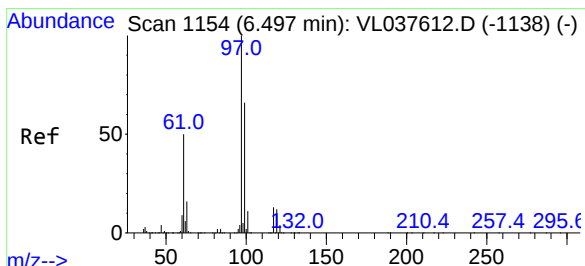
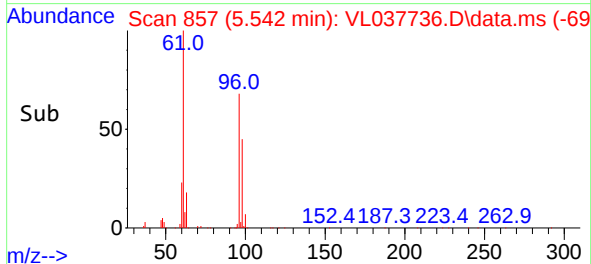
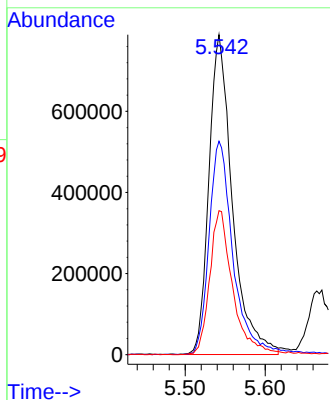
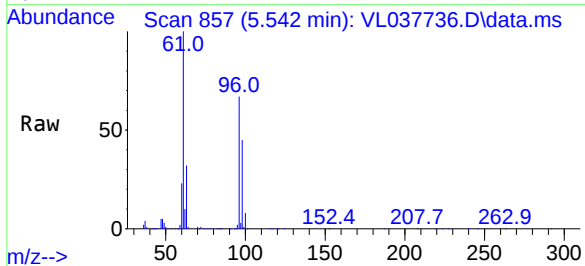
#31
cis-1,2-Dichloroethene
Concen: 11.72 ppbv
RT: 5.542 min Scan# 857
Delta R.T. 0.007 min
Lab File: VL037736.D
Acq: 30 Sep 2021 10:36

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 61 Resp: 1604043
Ion Ratio Lower Upper
61 100
96 66.6 56.7 85.1
98 45.0 34.6 52.0

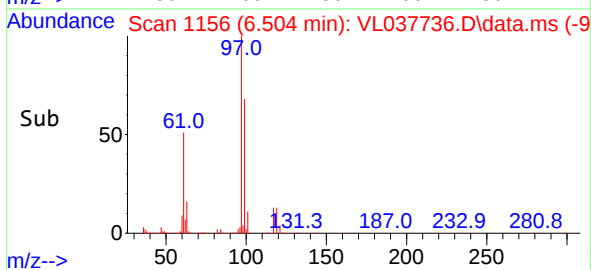
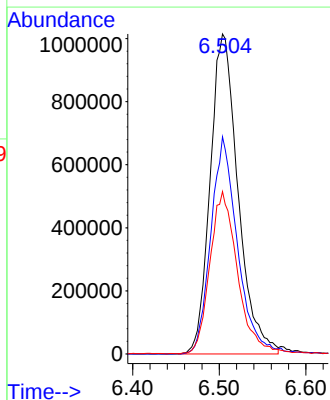
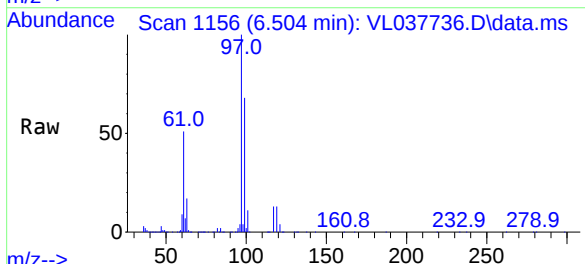
Manual Integrations
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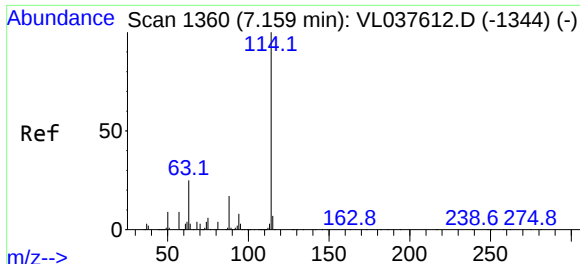
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#32
1,1,1-Trichloroethane
Concen: 11.06 ppbv
RT: 6.504 min Scan# 1156
Delta R.T. 0.007 min
Lab File: VL037736.D
Acq: 30 Sep 2021 10:36

Tgt Ion: 97 Resp: 2265968
Ion Ratio Lower Upper
97 100
99 65.7 52.3 78.5
61 51.0 39.5 59.3





#33
1,4-Difluorobenzene
Concen: 10.00 ppbv
RT: 7.169 min Scan# 1363
Delta R.T. 0.010 min
Lab File: VL037736.D
Acq: 30 Sep 2021 10:36

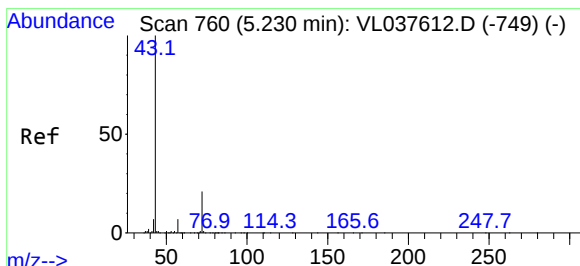
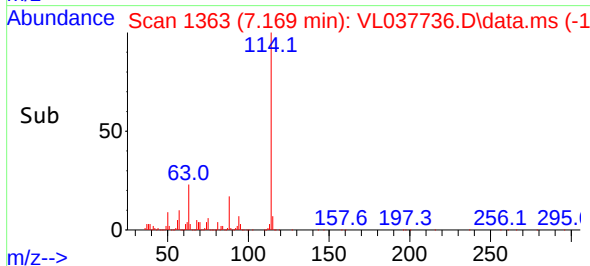
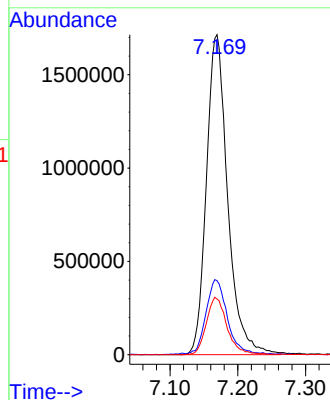
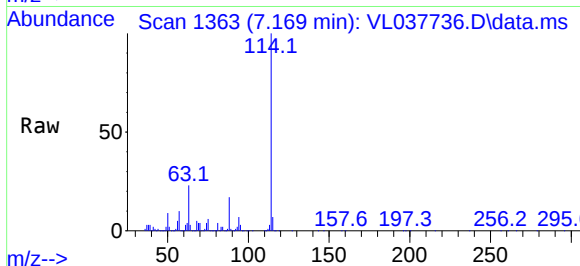
Tgt Ion: 114 Resp: 3739324

Ion	Ratio	Lower	Upper
114	100		
63	24.0	19.6	29.4
88	17.6	14.2	21.4

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Manual Integrations
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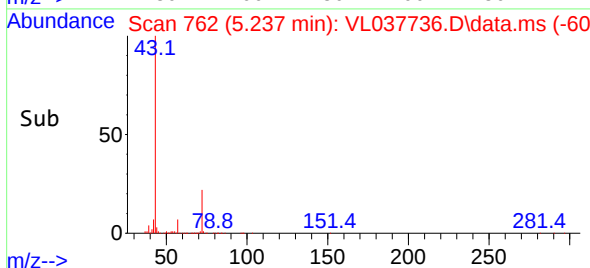
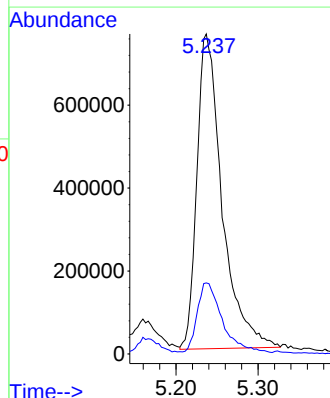
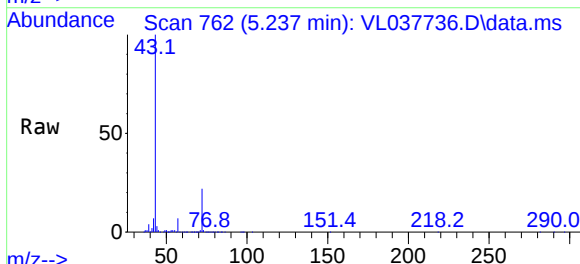
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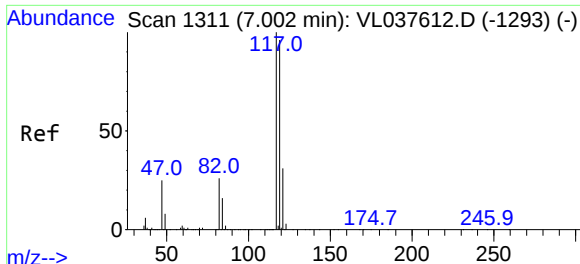


#34
2-Butanone
Concen: 10.64 ppbv
RT: 5.237 min Scan# 762
Delta R.T. 0.007 min
Lab File: VL037736.D
Acq: 30 Sep 2021 10:36

Tgt Ion: 43 Resp: 1616862

Ion	Ratio	Lower	Upper
43	100		
72	23.8	18.4	27.6





#35
Carbon Tetrachloride
Concen: 11.19 ppbv
RT: 7.012 min Scan# 1314
Delta R.T. 0.010 min
Lab File: VL037736.D
Acq: 30 Sep 2021 10:36

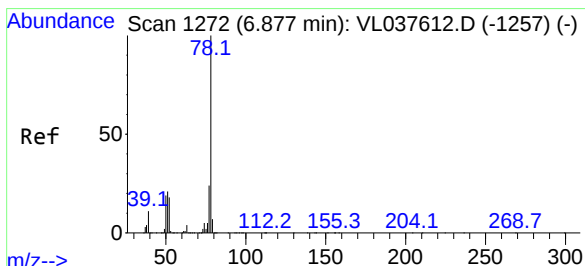
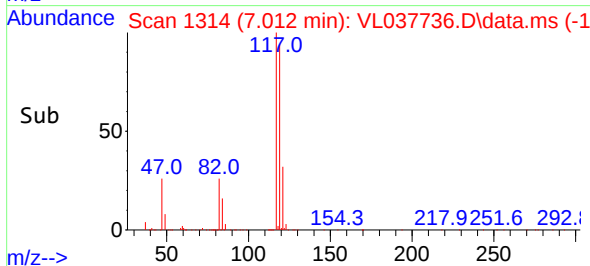
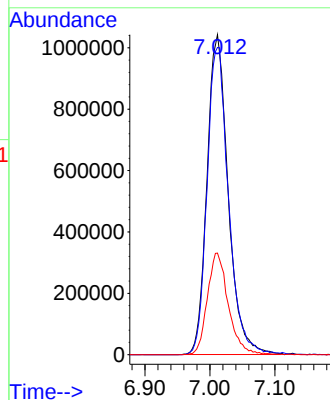
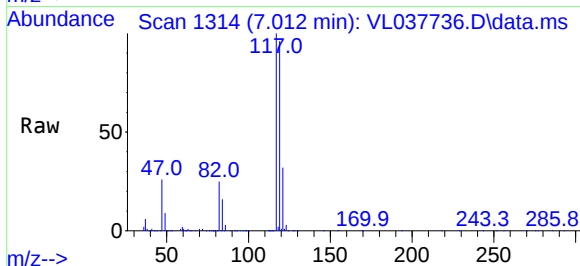
Tgt Ion: 117 Resp: 2366663

Ion	Ratio	Lower	Upper
117	100		
119	96.0	77.0	115.6
121	31.8	24.5	36.7

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Manual Integrations
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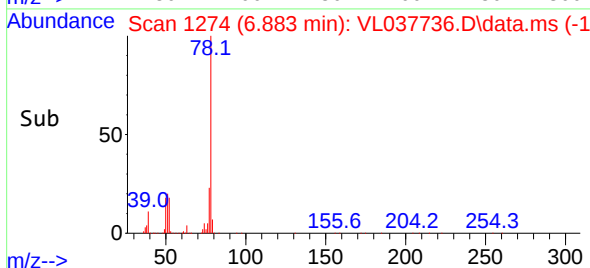
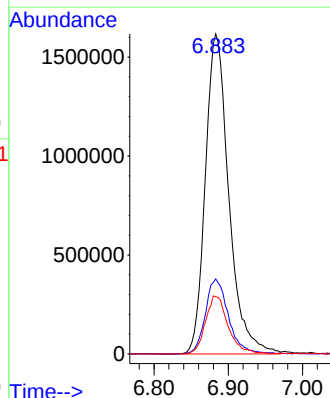
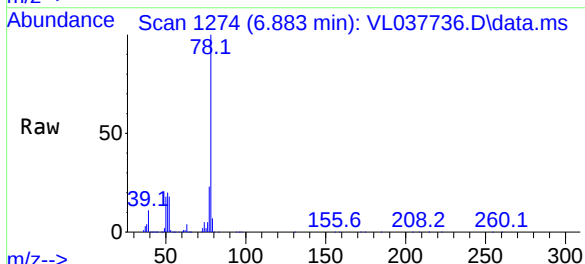
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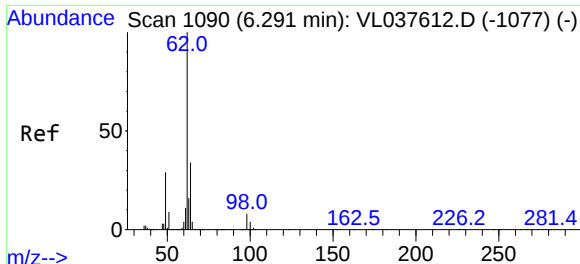


#36
Benzene
Concen: 11.39 ppbv
RT: 6.883 min Scan# 1274
Delta R.T. 0.007 min
Lab File: VL037736.D
Acq: 30 Sep 2021 10:36

Tgt Ion: 78 Resp: 3550205

Ion	Ratio	Lower	Upper
78	100		
77	23.4	19.0	28.4
50	17.9	14.8	22.2





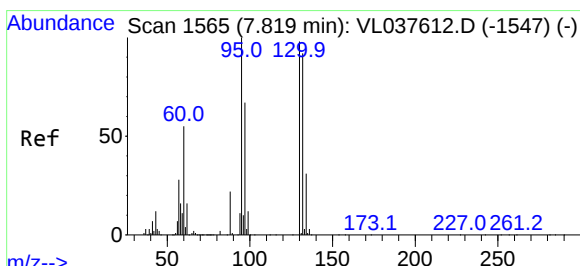
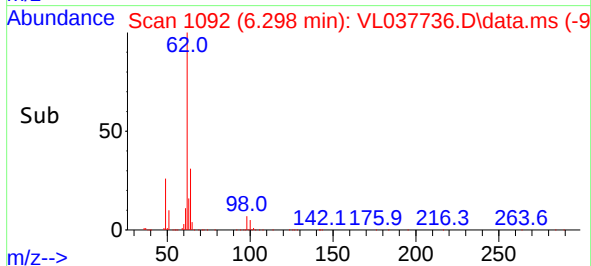
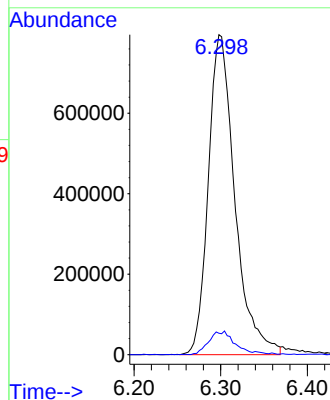
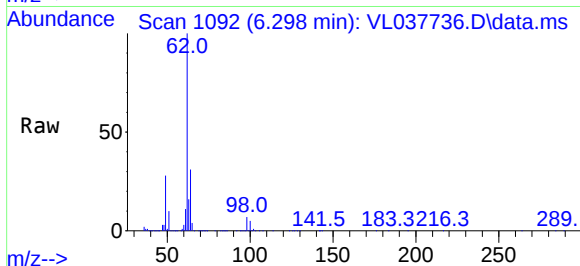
#37
1,2-Dichloroethane
Concen: 11.03 ppbv
RT: 6.298 min Scan# 1092
Delta R.T. 0.007 min
Lab File: VL037736.D
Acq: 30 Sep 2021 10:36

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 62 Resp: 1691497
Ion Ratio Lower Upper
62 100
98 7.6 6.1 9.1

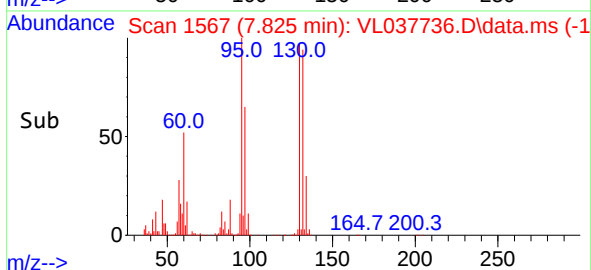
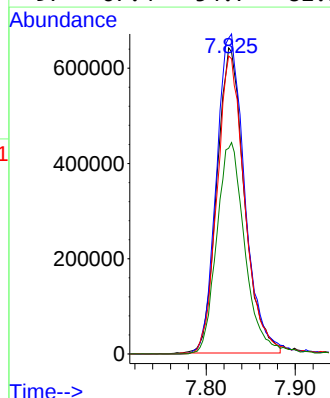
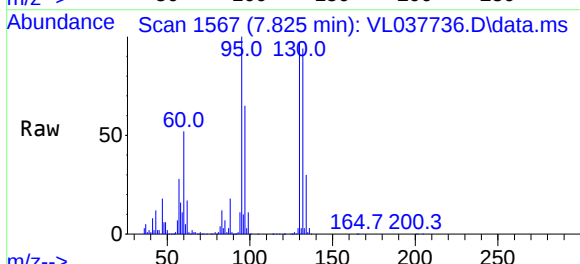
Manual Integrations
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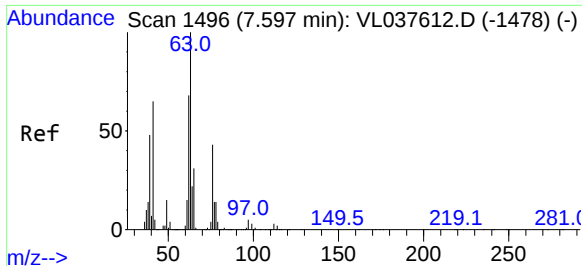
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#38
Trichloroethene
Concen: 10.56 ppbv
RT: 7.825 min Scan# 1567
Delta R.T. 0.007 min
Lab File: VL037736.D
Acq: 30 Sep 2021 10:36

Tgt Ion:130 Resp: 1375301
Ion Ratio Lower Upper
130 100
95 103.5 81.8 122.6
132 97.6 75.3 112.9
97 67.4 54.7 82.1





#39
1,2-Dichloropropane
Concen: 11.43 ppbv
RT: 7.607 min Scan# 1499
Delta R.T. 0.010 min
Lab File: VL037736.D
Acq: 30 Sep 2021 10:36

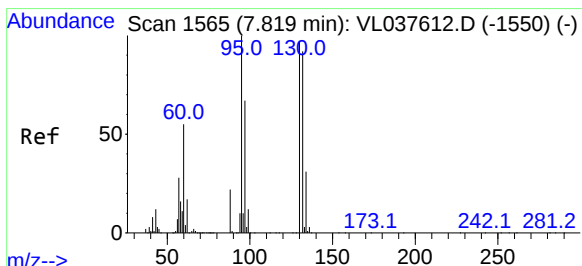
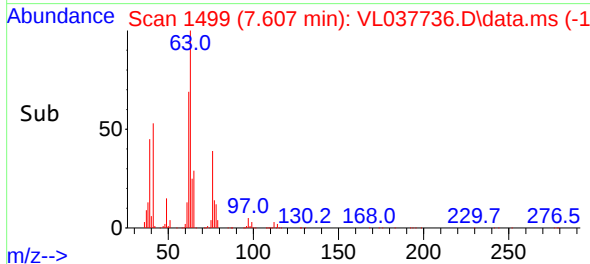
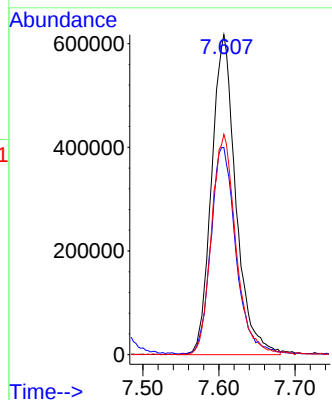
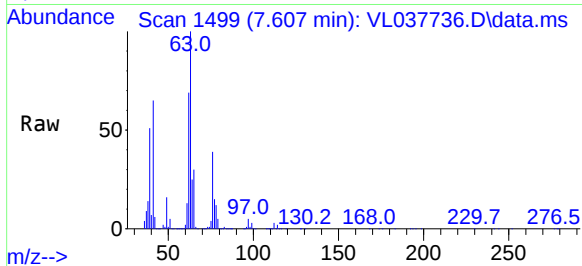
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 63 Resp: 1365173

Ion	Ratio	Lower	Upper
63	100		
41	64.5	51.6	77.4
62	68.9	54.6	81.8

Manual Integrations
APPROVED

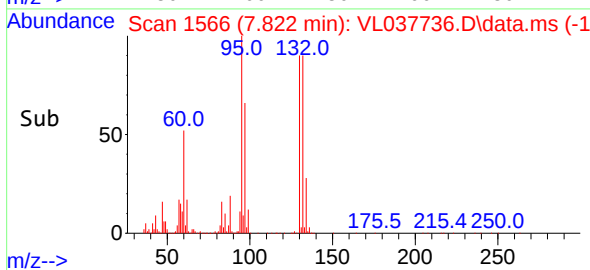
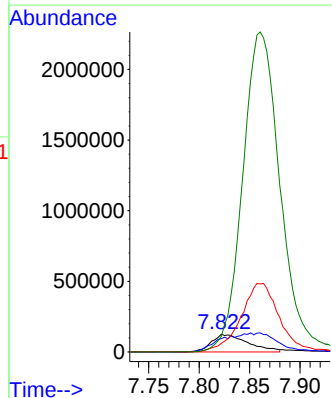
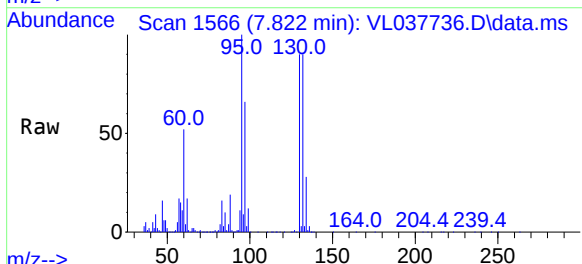
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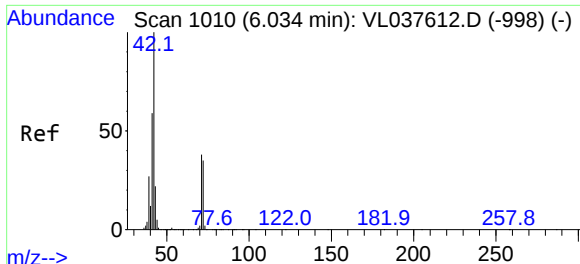


#40
1,4-Dioxane
Concen: 10.88 ppbv m
RT: 7.822 min Scan# 1566
Delta R.T. 0.003 min
Lab File: VL037736.D
Acq: 30 Sep 2021 10:36

Tgt Ion: 88 Resp: 315975

Ion	Ratio	Lower	Upper
88	100		
58	0.0	122.4	183.6#
43	0.0	297.4	446.0#
57	0.0	1329.8	1994.8#





#41
Tetrahydrofuran
Concen: 11.76 ppbv
RT: 6.044 min Scan# 1013
Delta R.T. 0.010 min
Lab File: VL037736.D
Acq: 30 Sep 2021 10:36

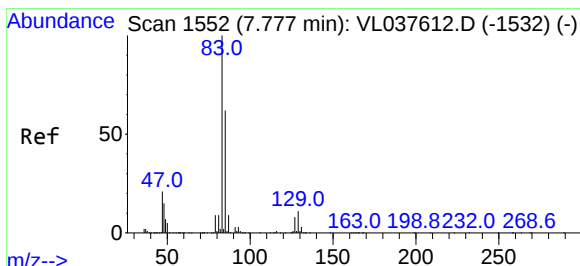
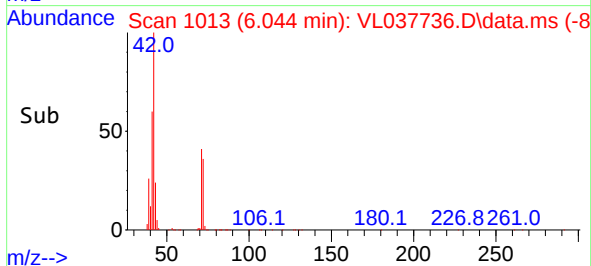
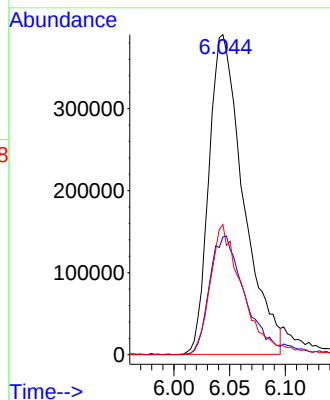
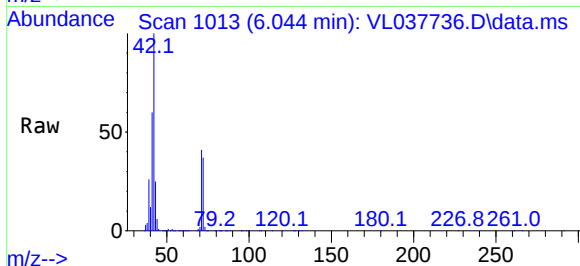
Tgt Ion: 42 Resp: 839935

Ion	Ratio	Lower	Upper
42	100		
72	40.6	31.4	47.2
71	39.7	30.6	46.0

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Manual Integrations
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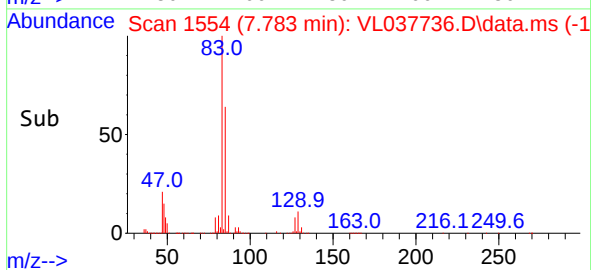
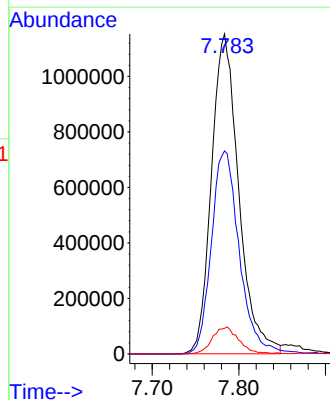
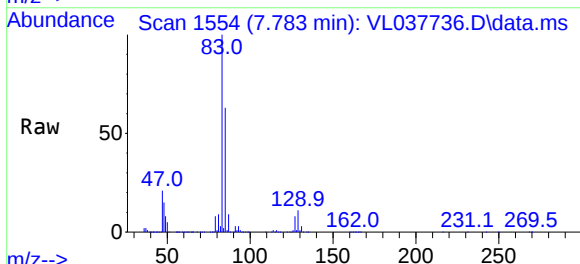
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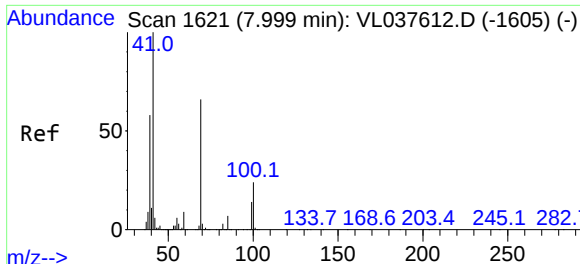


#42
Bromodichloromethane
Concen: 11.47 ppbv
RT: 7.783 min Scan# 1554
Delta R.T. 0.007 min
Lab File: VL037736.D
Acq: 30 Sep 2021 10:36

Tgt Ion: 83 Resp: 2520971

Ion	Ratio	Lower	Upper
83	100		
85	63.5	49.8	74.6
127	8.0	6.4	9.6





#43
Methyl Methacrylate
Concen: 12.19 ppbv
RT: 8.005 min Scan# 1623
Delta R.T. 0.007 min
Lab File: VL037736.D
Acq: 30 Sep 2021 10:36

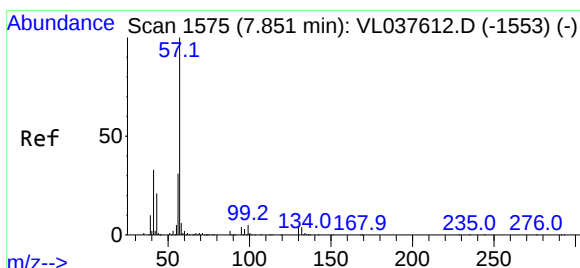
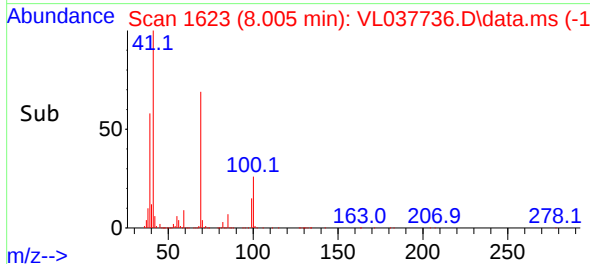
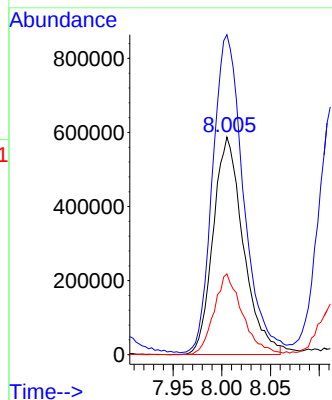
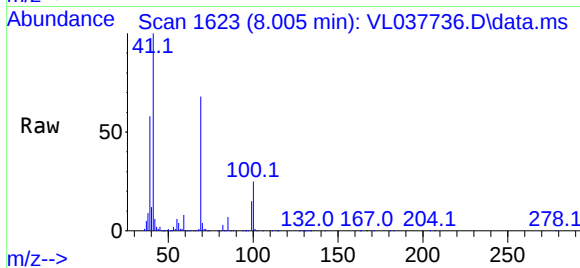
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 69 Resp: 1264149

Ion	Ratio	Lower	Upper
69	100		
41	151.4	119.0	178.4
100	35.3	27.6	41.4

Manual Integrations
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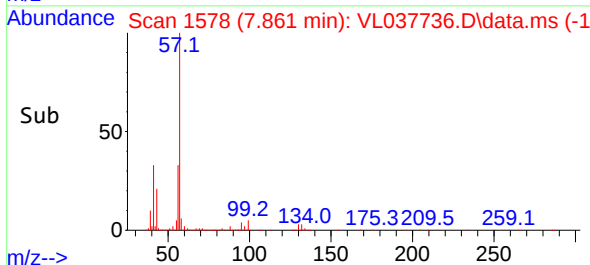
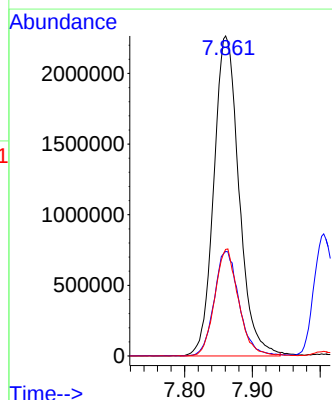
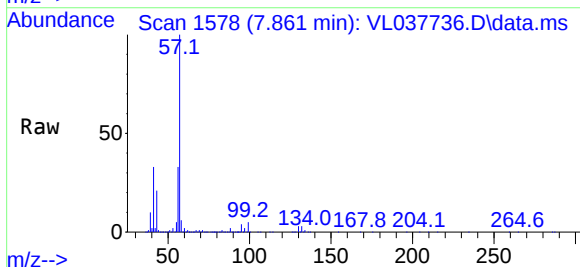
SAM
10/1/2021 11:09:34 AM

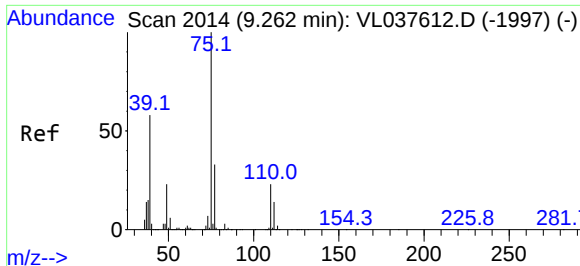


#44
2,2,4-Trimethylpentane
Concen: 11.17 ppbv
RT: 7.861 min Scan# 1578
Delta R.T. 0.010 min
Lab File: VL037736.D
Acq: 30 Sep 2021 10:36

Tgt Ion: 57 Resp: 5856036

Ion	Ratio	Lower	Upper
57	100		
41	32.2	26.1	39.1
56	31.7	25.7	38.5





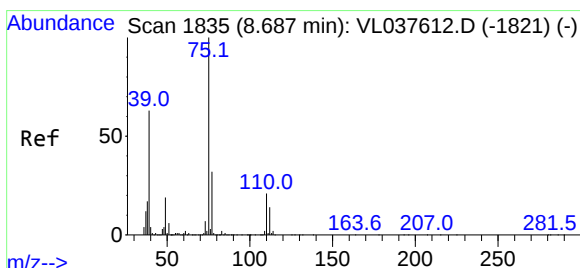
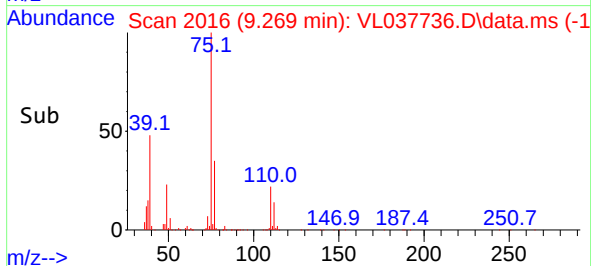
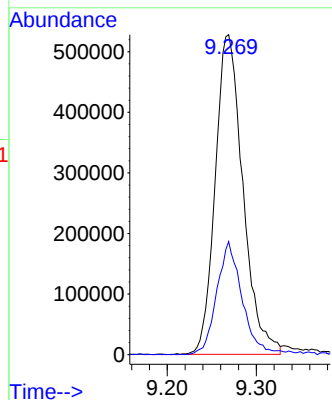
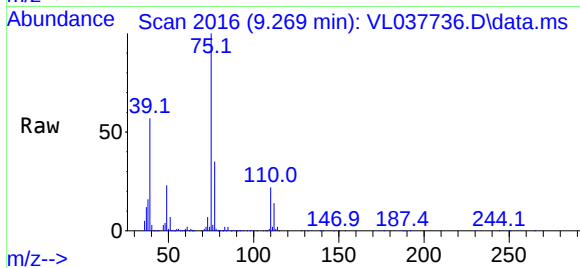
#45
t-1,3-Dichloropropene
Concen: 14.00 ppbv
RT: 9.269 min Scan# 2016
Delta R.T. 0.007 min
Lab File: VL037736.D
Acq: 30 Sep 2021 10:36

Tgt Ion: 75 Resp: 1141019
Ion Ratio Lower Upper
75 100
77 35.3 26.3 39.5

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

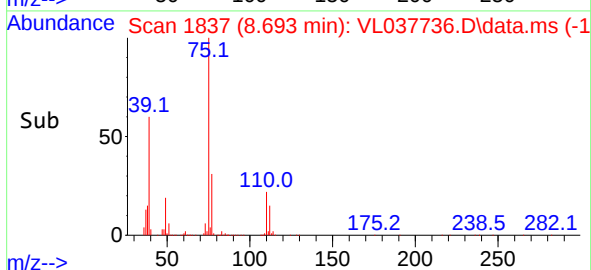
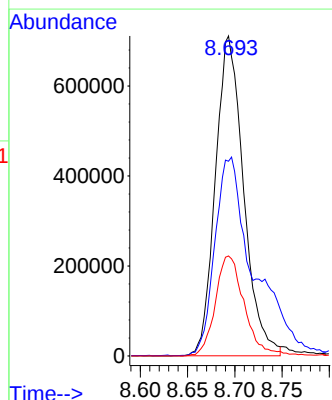
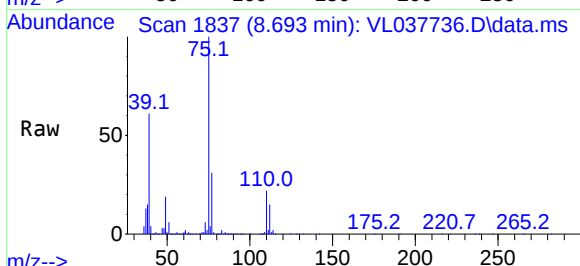
Manual Integrations
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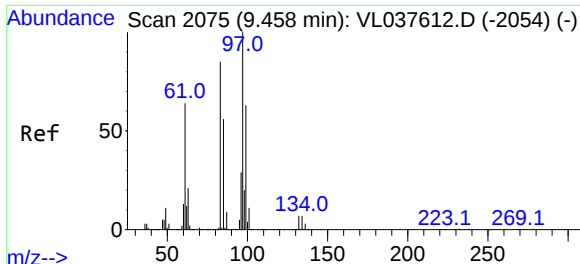
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#46
cis-1,3-Dichloropropene
Concen: 13.40 ppbv
RT: 8.693 min Scan# 1837
Delta R.T. 0.007 min
Lab File: VL037736.D
Acq: 30 Sep 2021 10:36

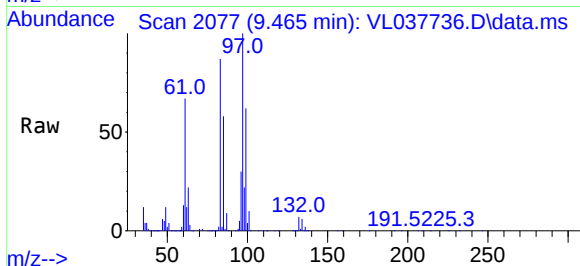
Tgt Ion: 75 Resp: 1474639
Ion Ratio Lower Upper
75 100
39 60.7 50.2 75.4
77 31.2 25.2 37.8





#47
1,1,2-Trichloroethane
Concen: 10.71 ppbv
RT: 9.465 min Scan# 2077
Delta R.T. 0.007 min
Lab File: VL037736.D
Acq: 30 Sep 2021 10:36

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

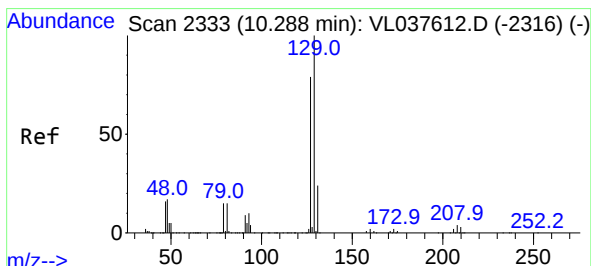
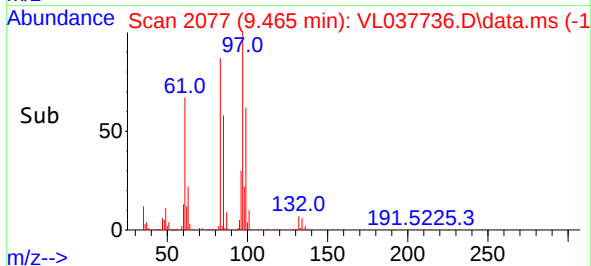
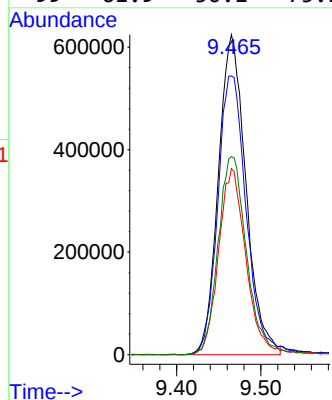


Tgt Ion: 97 Resp: 1415023

Ion	Ratio	Lower	Upper
97	100		
83	87.1	67.9	101.9
85	58.0	44.8	67.2
99	61.9	50.1	75.1

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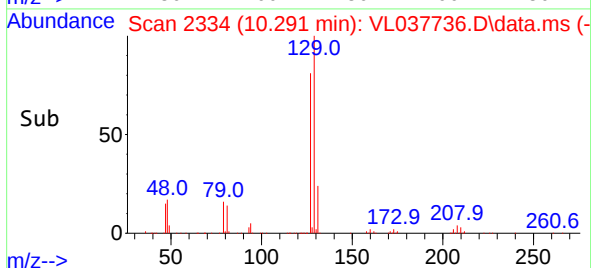
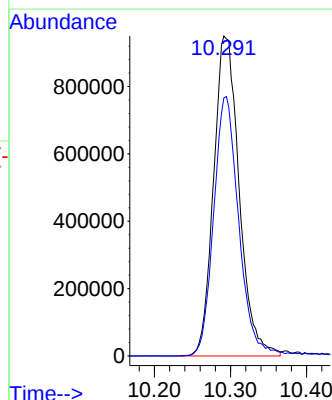
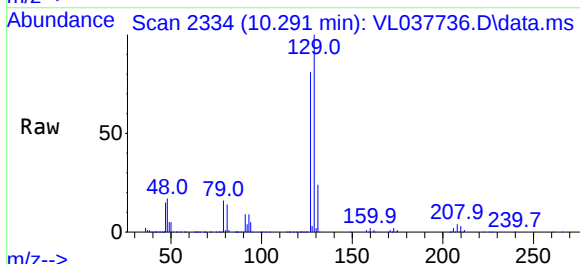
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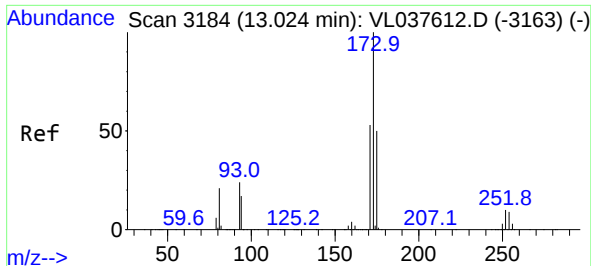


#48
Dibromochloromethane
Concen: 12.05 ppbv
RT: 10.291 min Scan# 2334
Delta R.T. 0.003 min
Lab File: VL037736.D
Acq: 30 Sep 2021 10:36

Tgt Ion: 129 Resp: 2221603

Ion	Ratio	Lower	Upper
129	100		
127	80.2	39.3	117.8





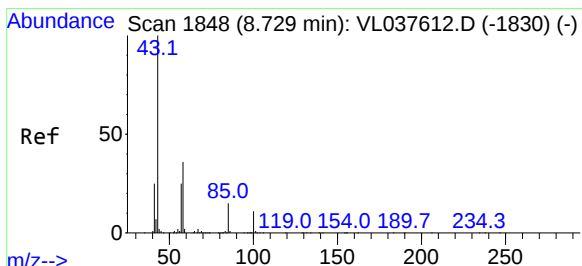
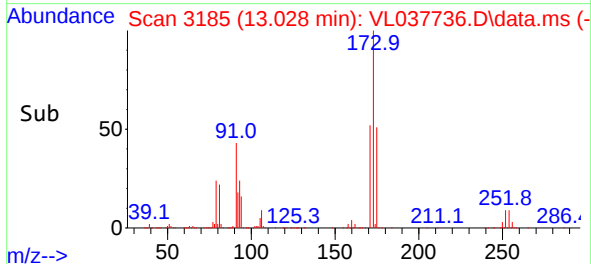
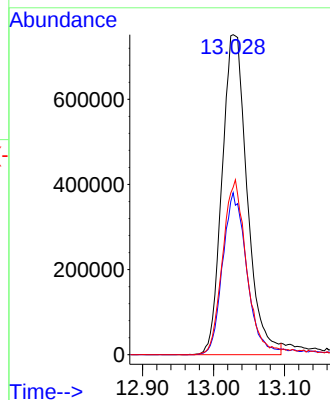
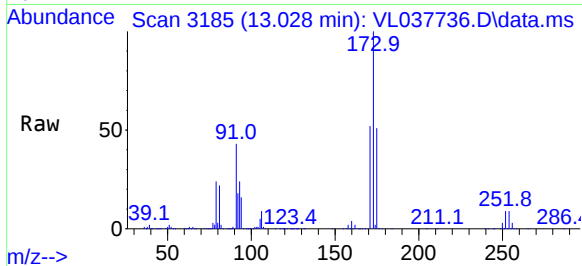
#49
Bromoform
Concen: 12.52 ppbv m
RT: 13.028 min Scan# 3185
Delta R.T. 0.003 min
Lab File: VL037736.D
Acq: 30 Sep 2021 10:36

Tgt Ion: 173 Resp: 1846640
Ion Ratio Lower Upper
173 100
175 51.7 39.8 59.8
171 54.1 42.2 63.4

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

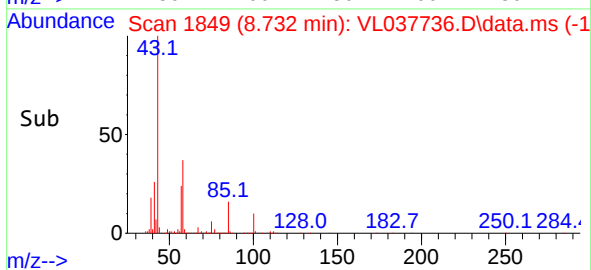
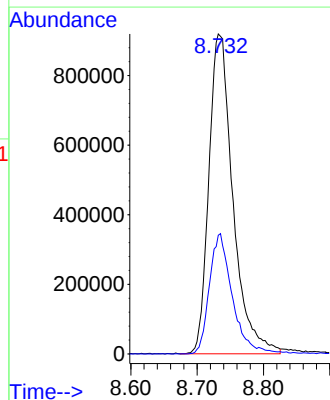
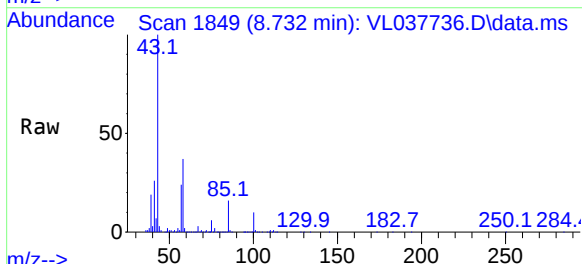
Manual Integrations
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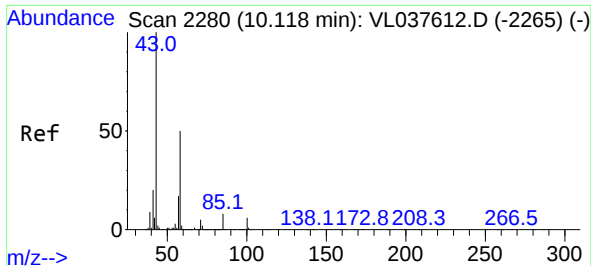
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#50
4-Methyl-2-Pentanone
Concen: 12.02 ppbv
RT: 8.732 min Scan# 1849
Delta R.T. 0.003 min
Lab File: VL037736.D
Acq: 30 Sep 2021 10:36

Tgt Ion: 43 Resp: 2317810
Ion Ratio Lower Upper
43 100
58 36.1 29.4 44.2





#51
2-Hexanone
Concen: 12.90 ppbv
RT: 10.124 min Scan# 2282
Delta R.T. 0.007 min
Lab File: VL037736.D
Acq: 30 Sep 2021 10:36

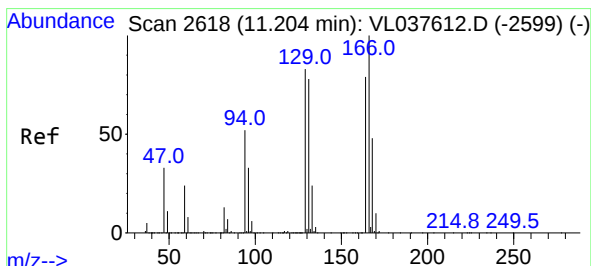
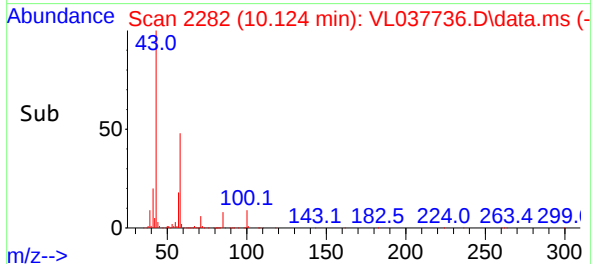
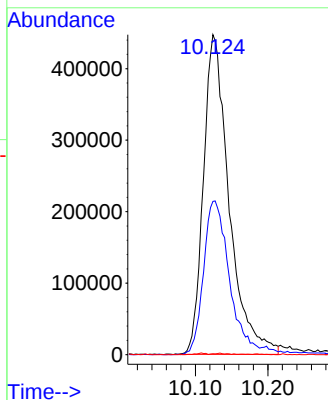
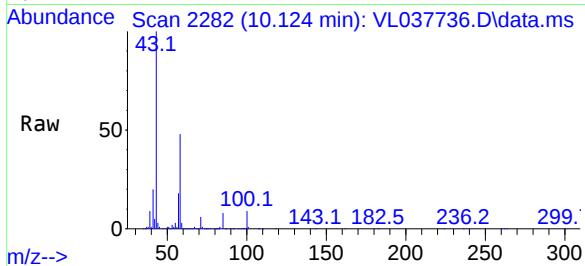
Tgt Ion: 43 Resp: 1097974

Ion	Ratio	Lower	Upper
43	100		
58	50.7	39.3	58.9
98	0.3	0.4	0.6#

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Manual Integrations
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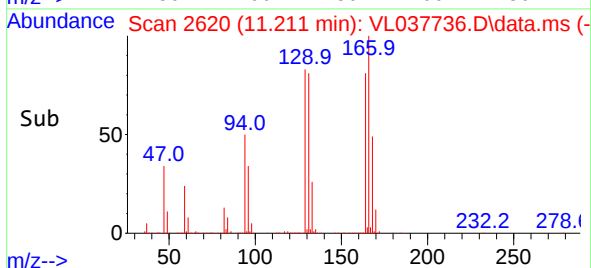
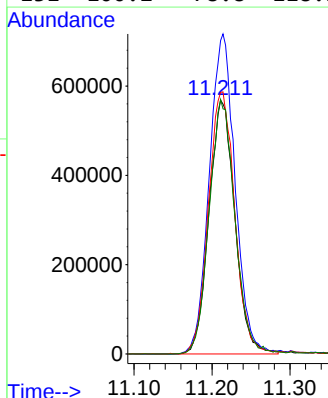
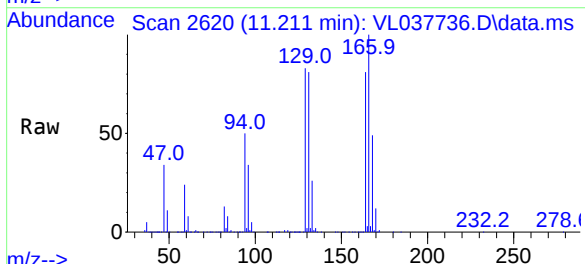
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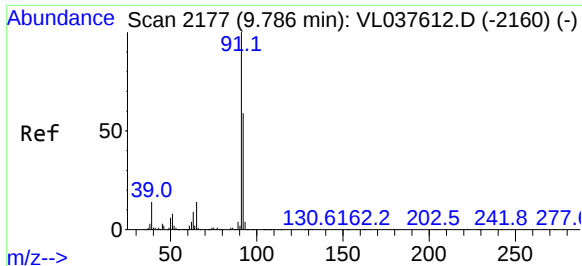


#52
Tetrachloroethene
Concen: 10.92 ppbv
RT: 11.211 min Scan# 2620
Delta R.T. 0.007 min
Lab File: VL037736.D
Acq: 30 Sep 2021 10:36

Tgt Ion:164 Resp: 1307226

Ion	Ratio	Lower	Upper
164	100		
166	123.4	101.2	151.8
129	103.1	84.0	126.0
131	100.2	78.8	118.2





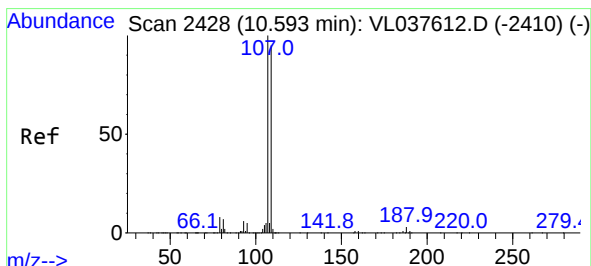
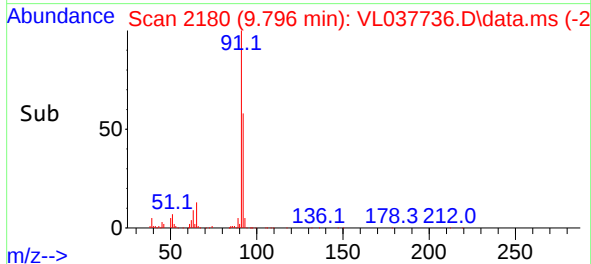
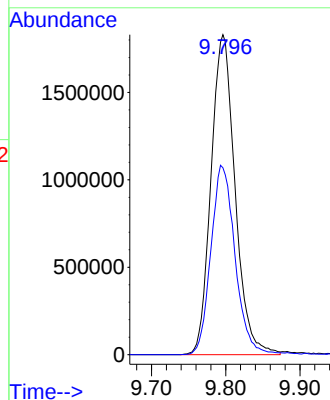
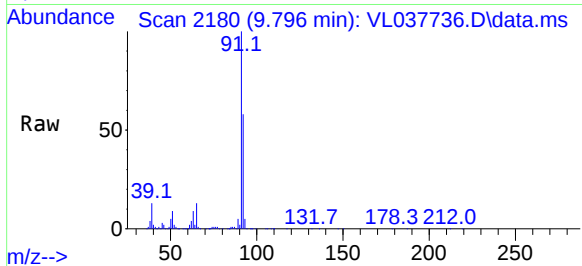
#53
Toluene
Concen: 11.87 ppbv
RT: 9.796 min Scan# 2180
Delta R.T. 0.010 min
Lab File: VL037736.D
Acq: 30 Sep 2021 10:36

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 91 Resp: 4114882
Ion Ratio Lower Upper
91 100
92 60.0 48.9 73.3

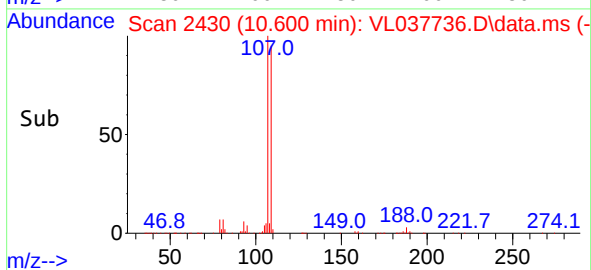
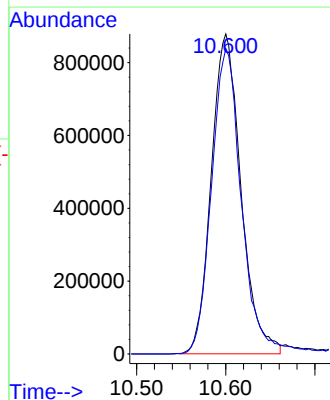
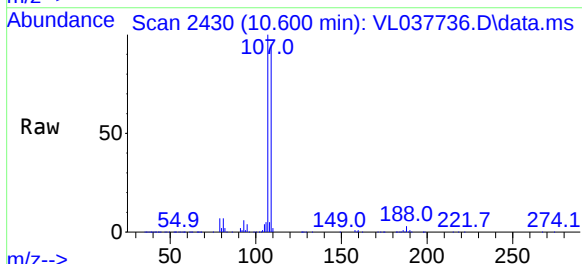
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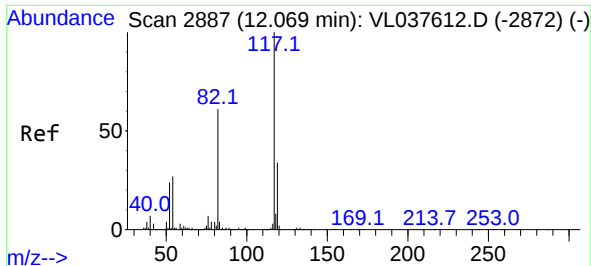
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#54
1,2-Dibromoethane
Concen: 11.24 ppbv
RT: 10.600 min Scan# 2430
Delta R.T. 0.007 min
Lab File: VL037736.D
Acq: 30 Sep 2021 10:36

Tgt Ion: 107 Resp: 2032787
Ion Ratio Lower Upper
107 100
109 95.4 76.0 114.0





#55
Chlorobenzene-d5
Concen: 10.00 ppbv
RT: 12.076 min Scan# 2889
Delta R.T. 0.007 min
Lab File: VL037736.D
Acq: 30 Sep 2021 10:36

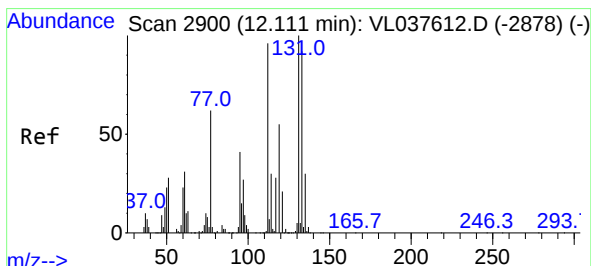
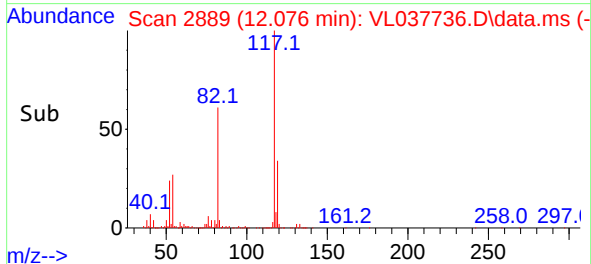
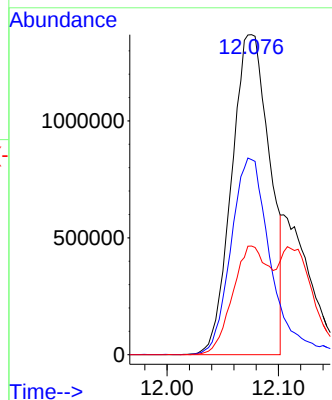
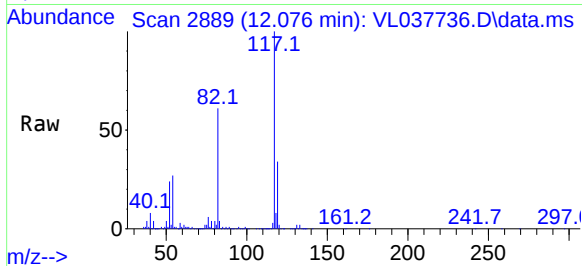
Tgt Ion:117 Resp: 3251221

Ion	Ratio	Lower	Upper
117	100		
82	66.3	50.6	75.8
119	32.4	26.2	39.2

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Manual Integrations
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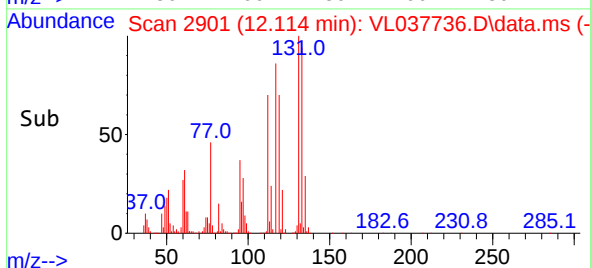
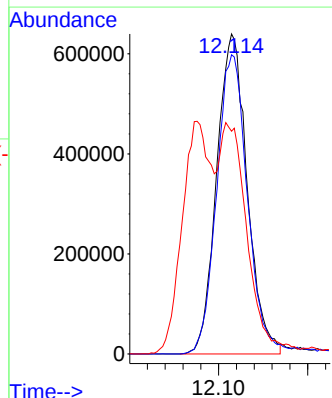
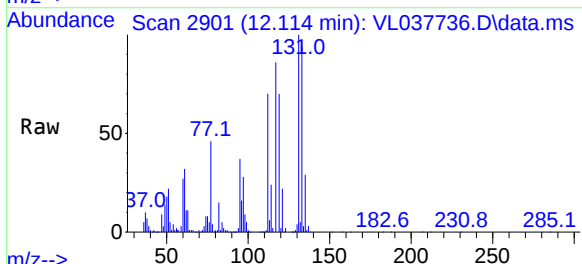
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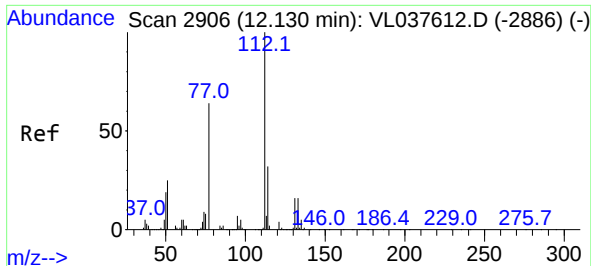


#56
1,1,1,2-Tetrachloroethane
Concen: 11.27 ppbv
RT: 12.114 min Scan# 2901
Delta R.T. 0.003 min
Lab File: VL037736.D
Acq: 30 Sep 2021 10:36

Tgt Ion:131 Resp: 1519512

Ion	Ratio	Lower	Upper
131	100		
133	96.5	76.8	115.2
119	66.5	47.8	71.8





#57
Chlorobenzene
Concen: 11.06 ppbv
RT: 12.134 min Scan# 2907
Delta R.T. 0.003 min
Lab File: VL037736.D
Acq: 30 Sep 2021 10:36

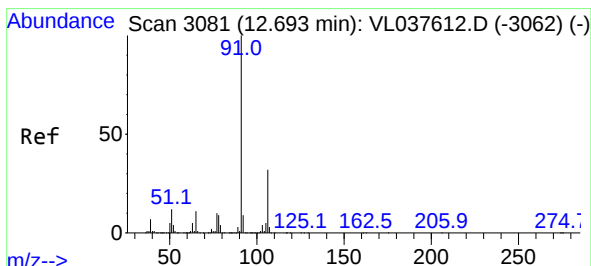
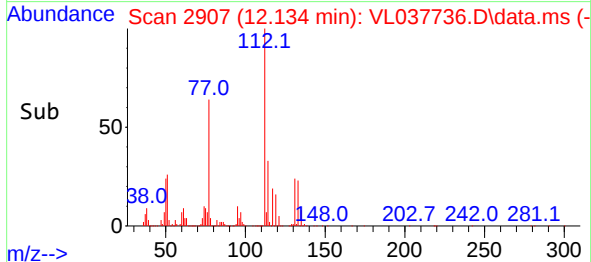
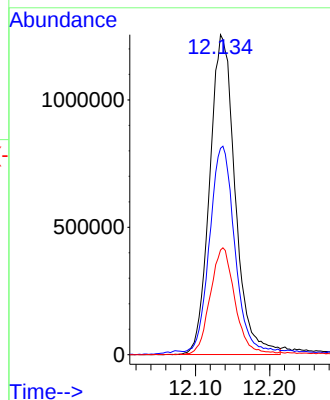
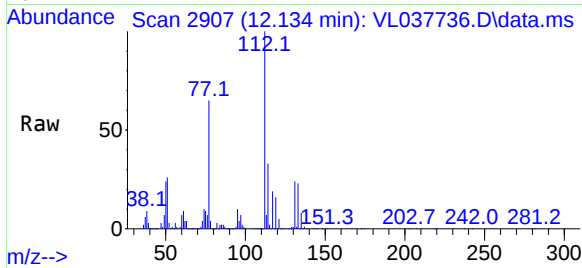
Tgt Ion: 112 Resp: 2990449

Ion	Ratio	Lower	Upper
112	100		
77	63.4	52.1	78.1
114	32.5	29.2	35.6

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Manual Integrations
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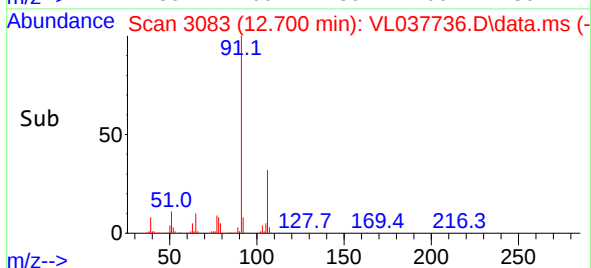
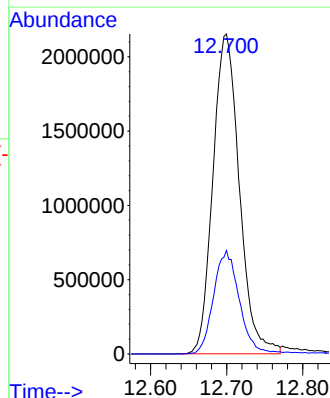
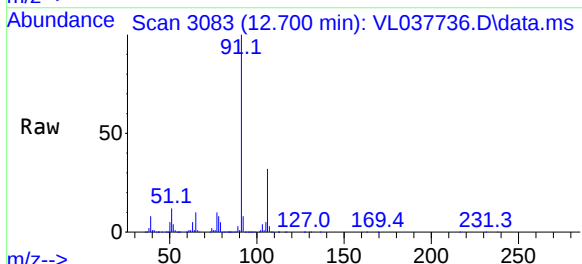
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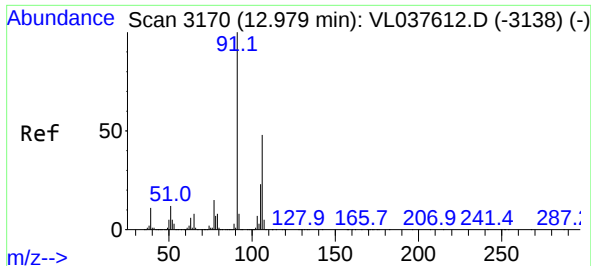


#58
Ethyl Benzene
Concen: 12.03 ppbv
RT: 12.700 min Scan# 3083
Delta R.T. 0.007 min
Lab File: VL037736.D
Acq: 30 Sep 2021 10:36

Tgt Ion: 91 Resp: 5190533

Ion	Ratio	Lower	Upper
91	100		
106	32.4	25.3	37.9





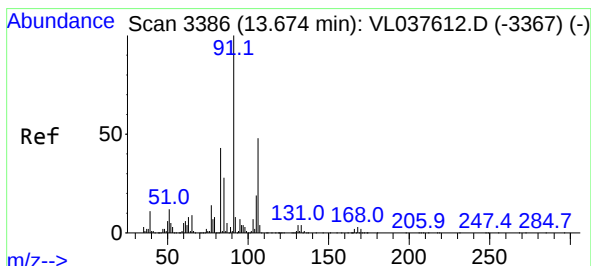
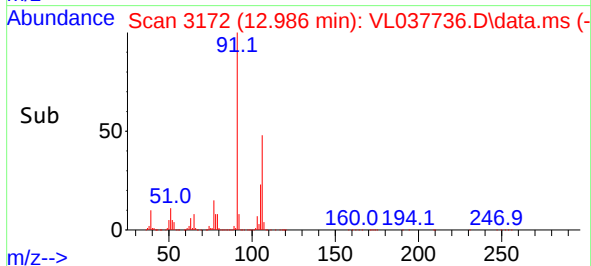
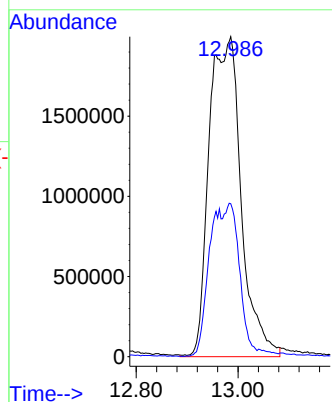
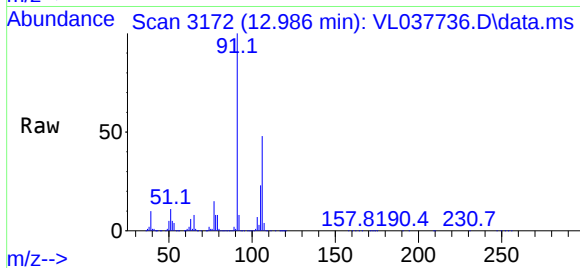
#59
m/p-Xylene
Concen: 23.14 ppbv m
RT: 12.986 min Scan# 3172
Delta R.T. 0.007 min
Lab File: VL037736.D
Acq: 30 Sep 2021 10:36

Tgt Ion: 91 Resp: 8701262
Ion Ratio Lower Upper
91 100
106 45.9 36.6 55.0

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

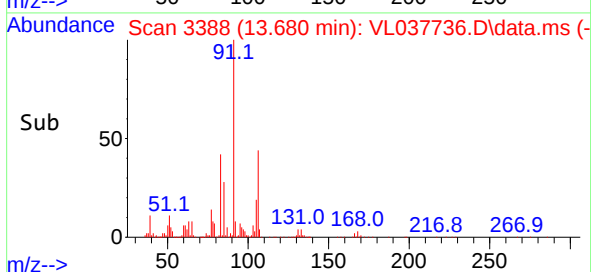
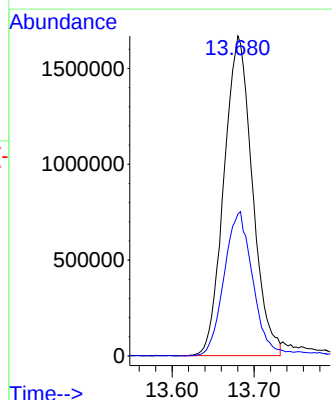
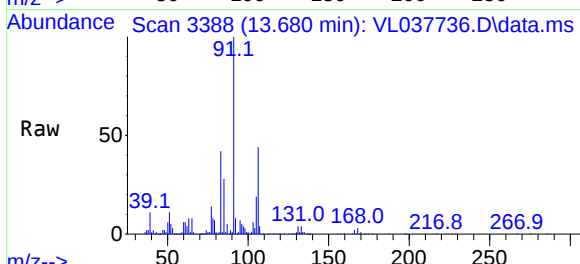
Manual Integrations
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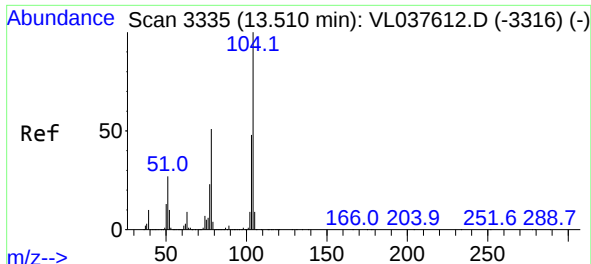
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#60
o-Xylene
Concen: 11.20 ppbv
RT: 13.680 min Scan# 3388
Delta R.T. 0.007 min
Lab File: VL037736.D
Acq: 30 Sep 2021 10:36

Tgt Ion: 91 Resp: 4009898
Ion Ratio Lower Upper
91 100
106 47.4 23.0 69.0





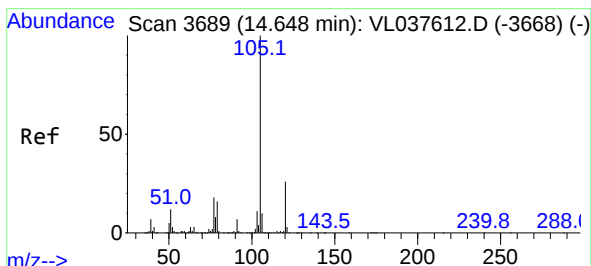
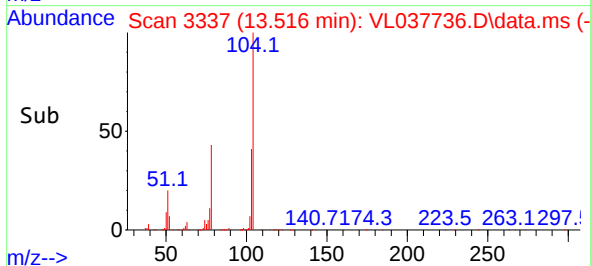
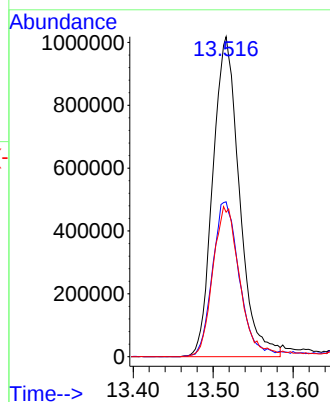
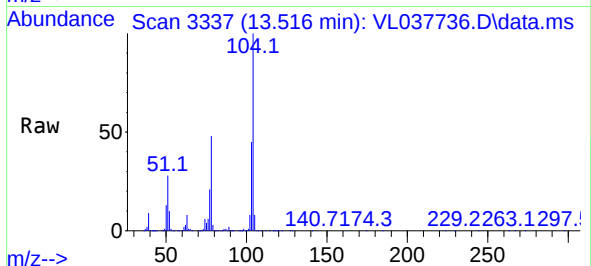
#61
Styrene
Concen: 13.31 ppbv
RT: 13.516 min Scan# 3337
Delta R.T. 0.007 min
Lab File: VL037736.D
Acq: 30 Sep 2021 10:36

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion:104 Resp: 2348852
Ion Ratio Lower Upper
104 100
78 50.2 39.7 59.5
103 49.2 38.8 58.2

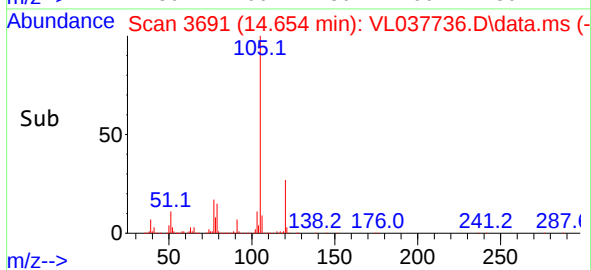
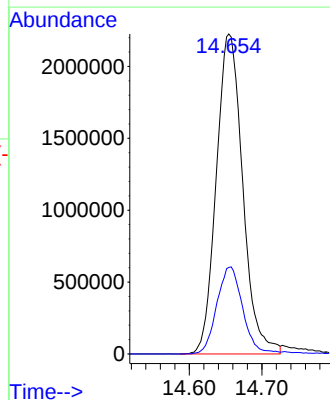
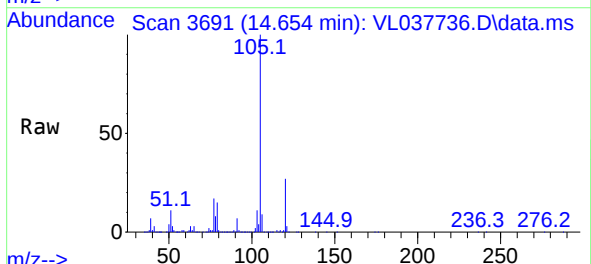
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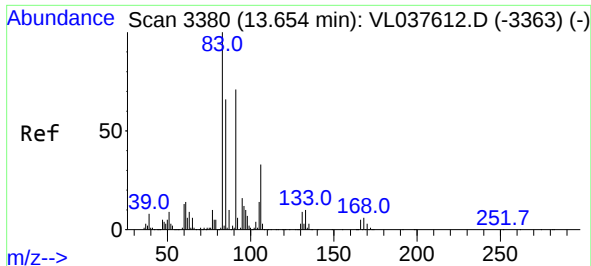
SAM
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#62
Isopropylbenzene
Concen: 11.28 ppbv
RT: 14.654 min Scan# 3691
Delta R.T. 0.007 min
Lab File: VL037736.D
Acq: 30 Sep 2021 10:36

Tgt Ion:105 Resp: 5640076
Ion Ratio Lower Upper
105 100
120 27.2 21.4 32.0





#63
1,1,2,2-Tetrachloroethane
Concen: 10.42 ppbv
RT: 13.661 min Scan# 3382
Delta R.T. 0.007 min
Lab File: VL037736.D
Acq: 30 Sep 2021 10:36

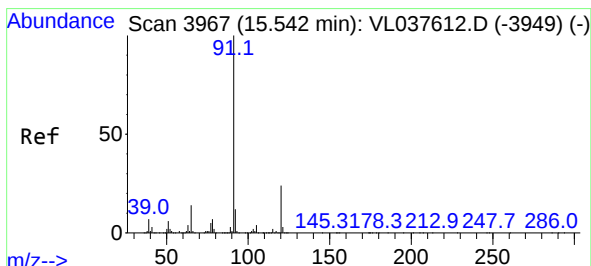
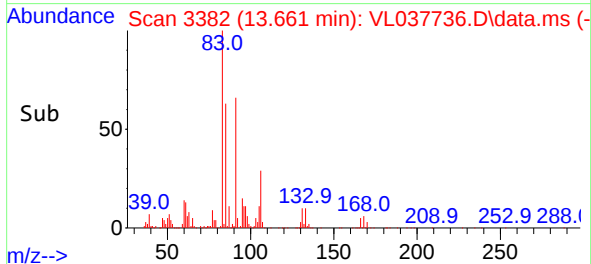
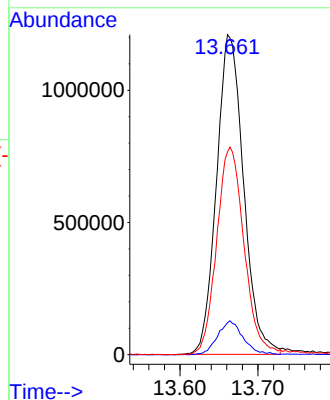
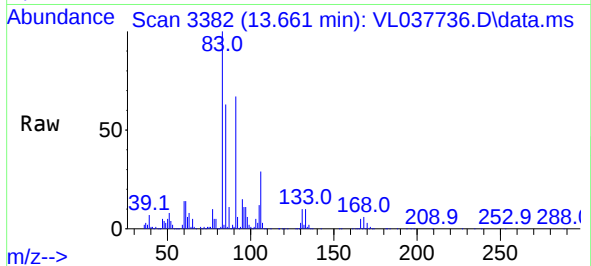
Tgt Ion: 83 Resp: 2917965

Ion	Ratio	Lower	Upper
83	100		
131	10.1	5.1	15.3
85	67.0	33.3	99.9

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Manual Integrations
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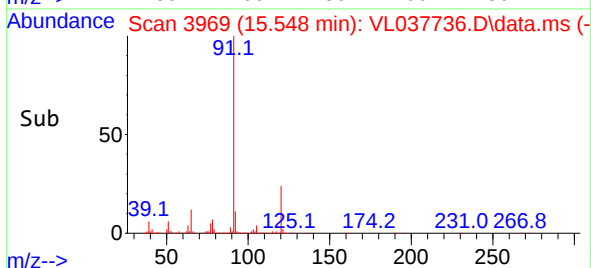
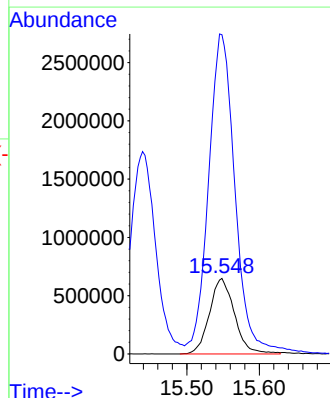
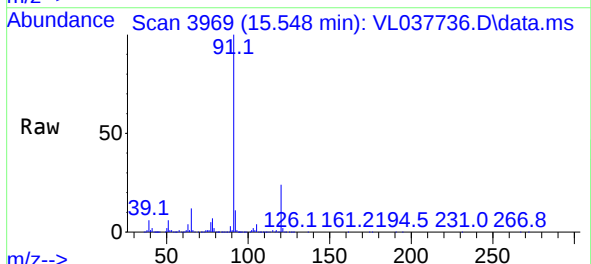
SAM
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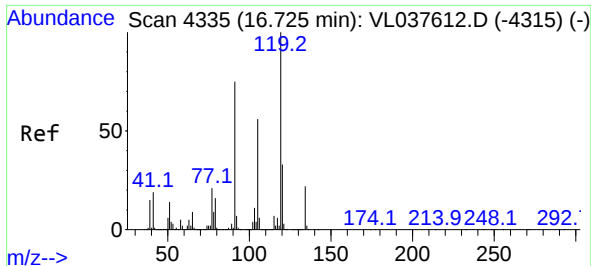


#64
n-propylbenzene
Concen: 12.05 ppbv
RT: 15.548 min Scan# 3969
Delta R.T. 0.007 min
Lab File: VL037736.D
Acq: 30 Sep 2021 10:36

Tgt Ion: 120 Resp: 1554596

Ion	Ratio	Lower	Upper
120	100		
91	450.7	345.0	517.4





#65
tert-Butylbenzene
Concen: 11.04 ppbv
RT: 16.732 min Scan# 4337
Delta R.T. 0.007 min
Lab File: VL037736.D
Acq: 30 Sep 2021 10:36

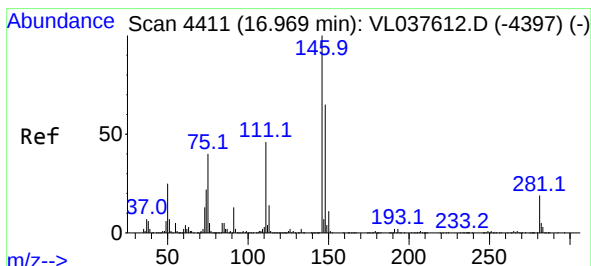
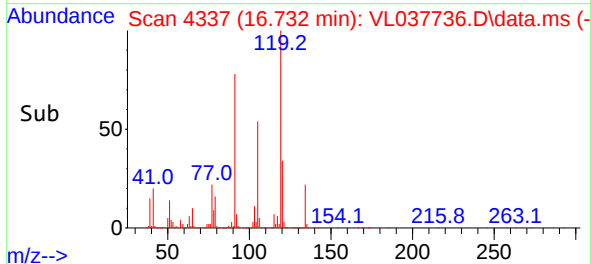
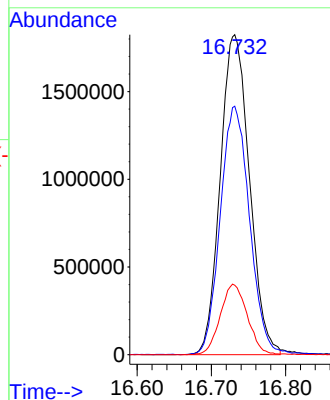
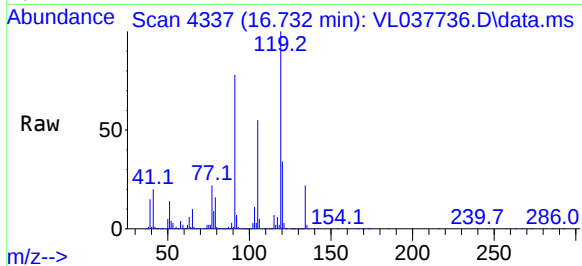
Tgt Ion: 119 Resp: 4976964

Ion	Ratio	Lower	Upper
119	100		
91	78.1	61.9	92.9
134	20.6	16.5	24.7

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Manual Integrations
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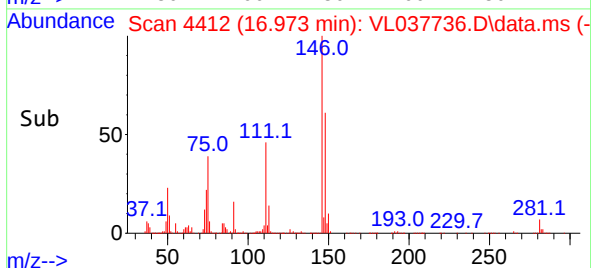
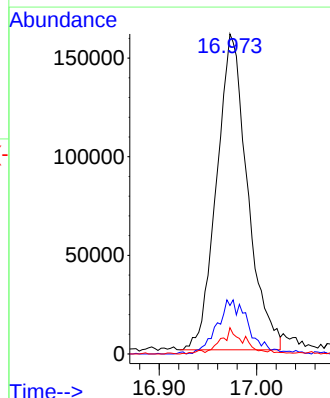
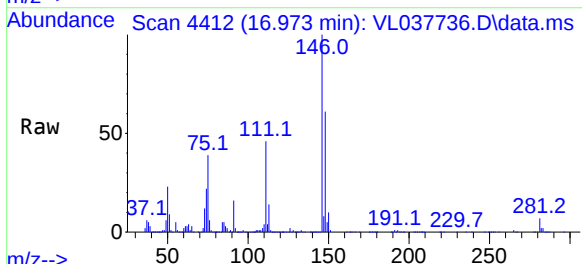
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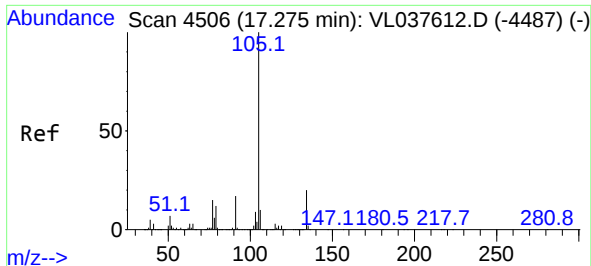


#66
Benzyl Chloride
Concen: 14.26 ppbv
RT: 16.973 min Scan# 4412
Delta R.T. 0.003 min
Lab File: VL037736.D
Acq: 30 Sep 2021 10:36

Tgt Ion: 91 Resp: 351422

Ion	Ratio	Lower	Upper
91	100		
126	18.4	14.4	21.6
128	6.8	5.7	8.5





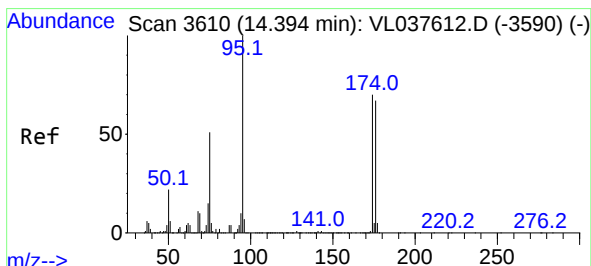
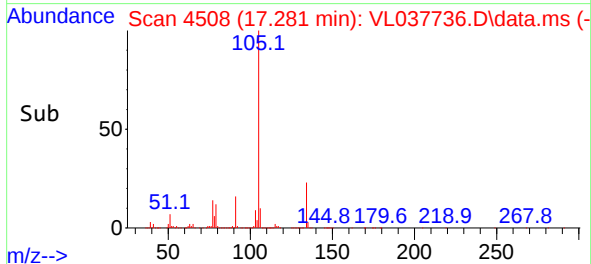
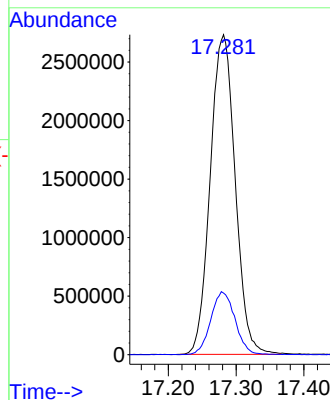
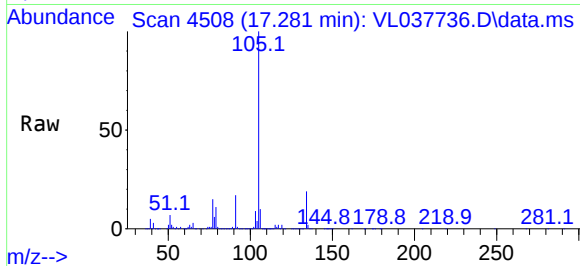
#67
 sec-Butylbenzene
 Concen: 11.40 ppbv
 RT: 17.281 min Scan# 4508
 Delta R.T. 0.007 min
 Lab File: VL037736.D
 Acq: 30 Sep 2021 10:36

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC

Tgt Ion:105 Resp: 6976335
 Ion Ratio Lower Upper
 105 100
 134 19.3 15.7 23.5

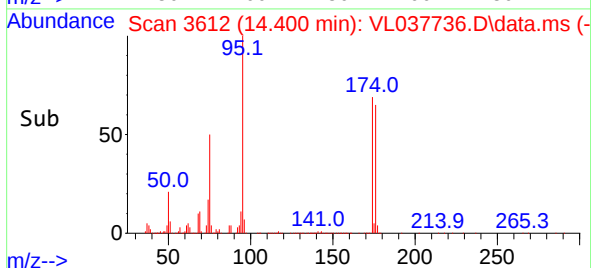
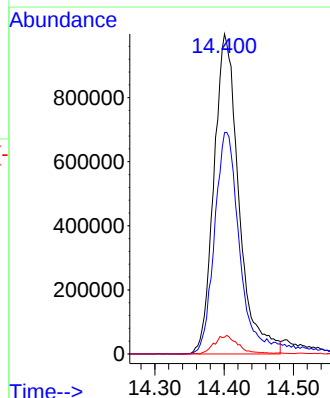
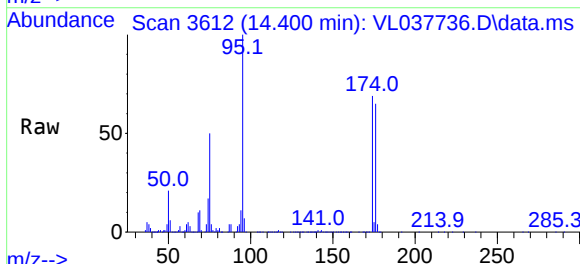
Manual Integrations
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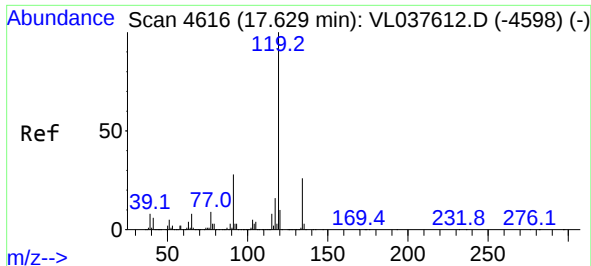
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#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.63 ppbv
 RT: 14.400 min Scan# 3612
 Delta R.T. 0.007 min
 Lab File: VL037736.D
 Acq: 30 Sep 2021 10:36

Tgt Ion: 95 Resp: 2497169
 Ion Ratio Lower Upper
 95 100
 174 73.2 56.3 84.5
 175 5.7 4.4 6.6





#69
p-Isopropyltoluene
Concen: 11.69 ppbv
RT: 17.638 min Scan# 4619
Delta R.T. 0.010 min
Lab File: VL037736.D
Acq: 30 Sep 2021 10:36

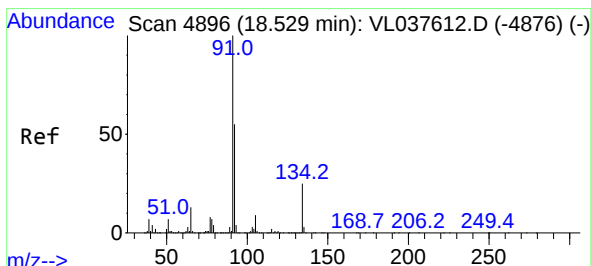
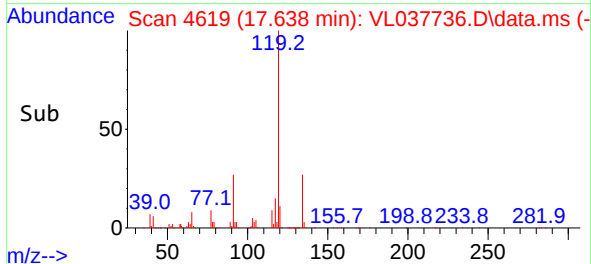
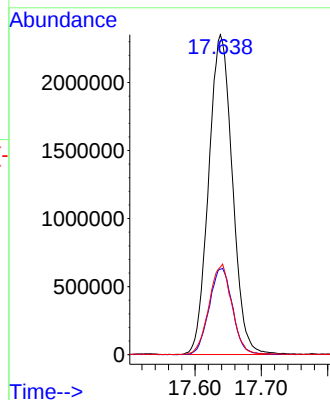
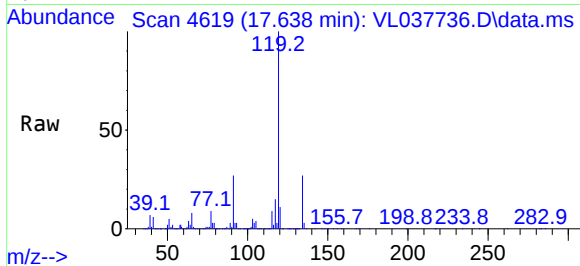
Tgt Ion: 119 Resp: 5840694

Ion	Ratio	Lower	Upper
119	100		
134	26.6	21.2	31.8
91	27.4	22.2	33.2

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Manual Integrations
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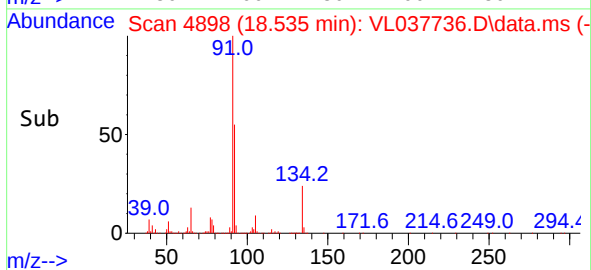
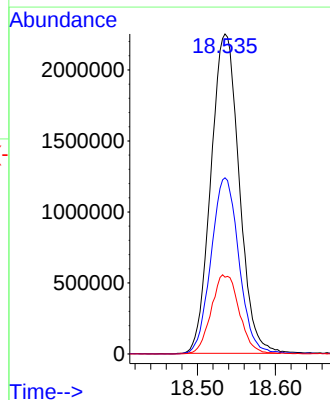
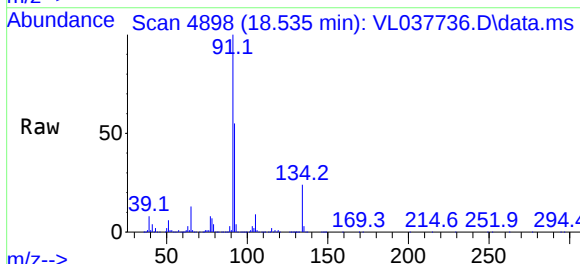
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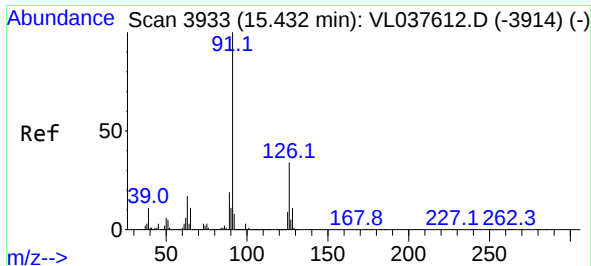


#70
n-Butylbenzene
Concen: 12.01 ppbv
RT: 18.535 min Scan# 4898
Delta R.T. 0.007 min
Lab File: VL037736.D
Acq: 30 Sep 2021 10:36

Tgt Ion: 91 Resp: 5679114

Ion	Ratio	Lower	Upper
91	100		
92	54.7	44.0	66.0
134	24.7	19.5	29.3





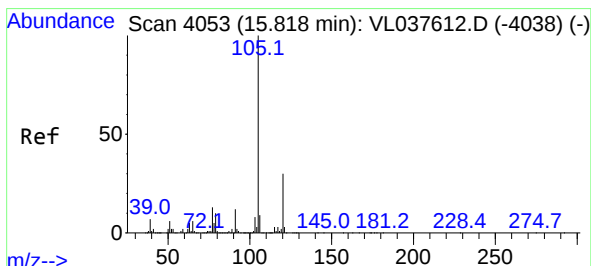
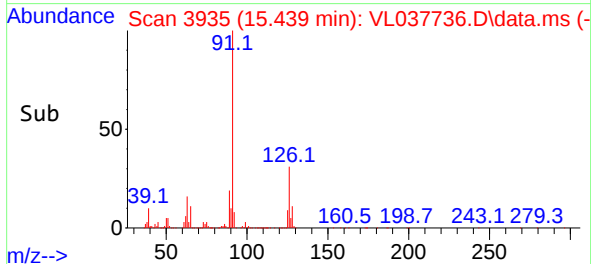
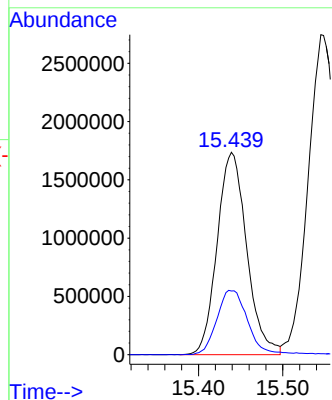
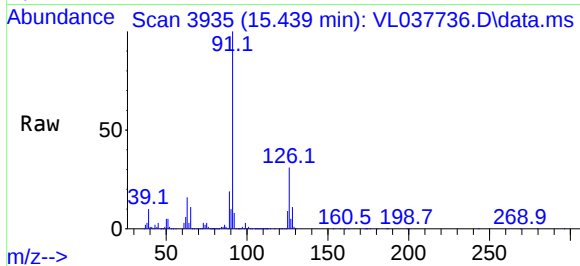
#71
2-Chlorotoluene
Concen: 11.80 ppbv
RT: 15.439 min Scan# 3935
Delta R.T. 0.007 min
Lab File: VL037736.D
Acq: 30 Sep 2021 10:36

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 91 Resp: 4228829
Ion Ratio Lower Upper
91 100
126 33.9 13.2 52.8

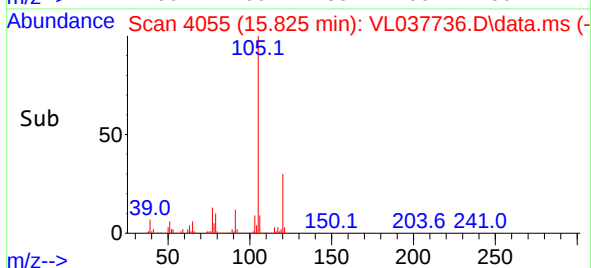
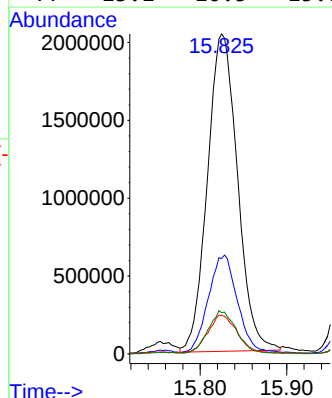
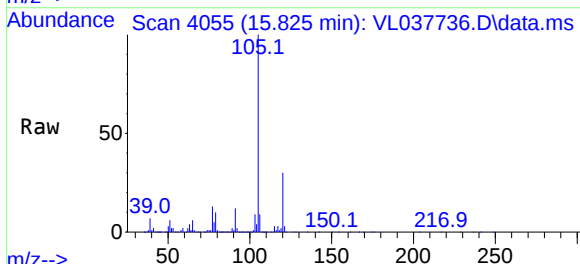
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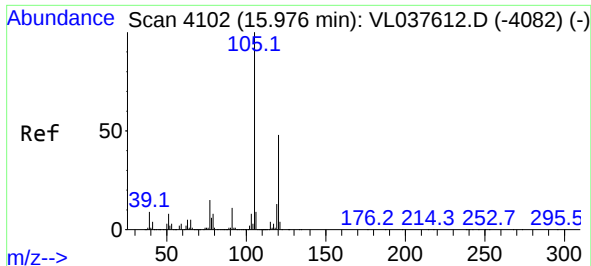
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#72
4-Ethyltoluene
Concen: 11.97 ppbv
RT: 15.825 min Scan# 4055
Delta R.T. 0.007 min
Lab File: VL037736.D
Acq: 30 Sep 2021 10:36

Tgt Ion: 105 Resp: 4918131
Ion Ratio Lower Upper
105 100
120 30.9 24.7 37.1
91 11.8 9.9 14.9
77 13.1 10.5 15.7





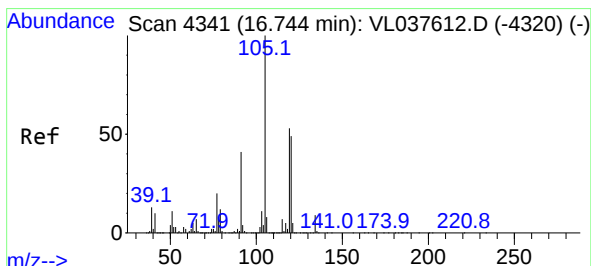
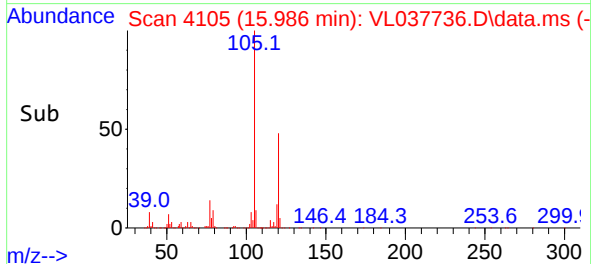
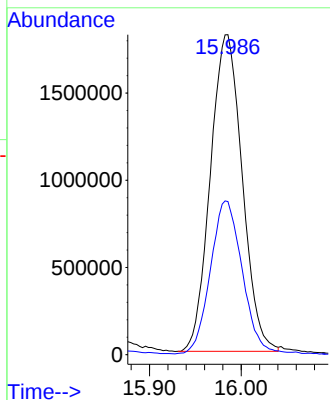
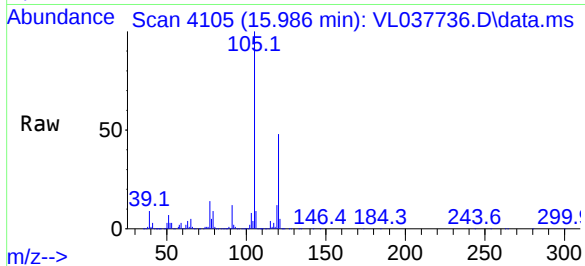
#73
1,3,5-Trimethylbenzene
Concen: 11.45 ppbv
RT: 15.986 min Scan# 4105
Delta R.T. 0.010 min
Lab File: VL037736.D
Acq: 30 Sep 2021 10:36

Tgt Ion:105 Resp: 4385726
Ion Ratio Lower Upper
105 100
120 47.9 38.3 57.5

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

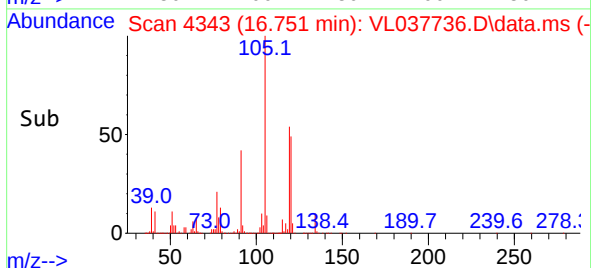
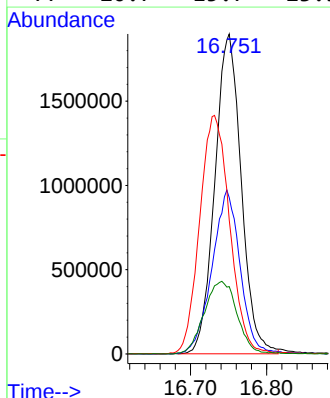
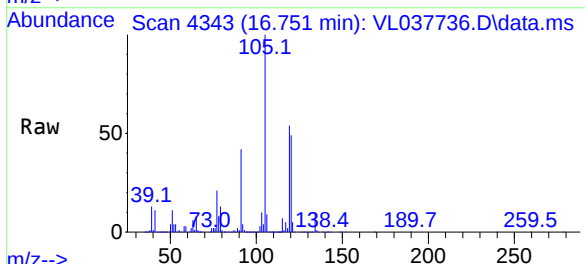
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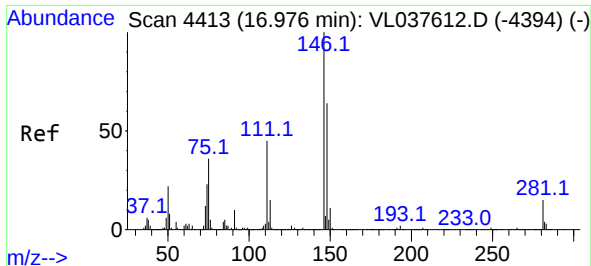
SAM
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#74
1,2,4-Trimethylbenzene
Concen: 11.34 ppbv
RT: 16.751 min Scan# 4343
Delta R.T. 0.007 min
Lab File: VL037736.D
Acq: 30 Sep 2021 10:36

Tgt Ion:105 Resp: 4576663
Ion Ratio Lower Upper
105 100
120 48.7 39.4 59.0
91 41.3 33.3 49.9
77 20.7 15.7 23.5





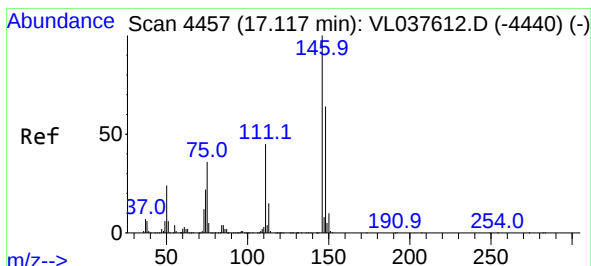
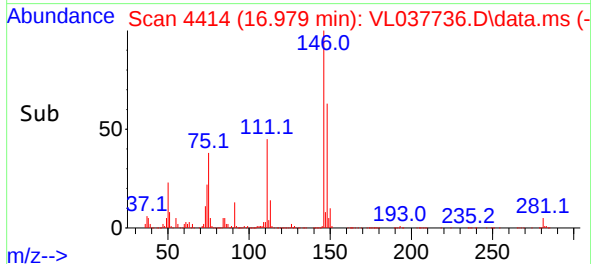
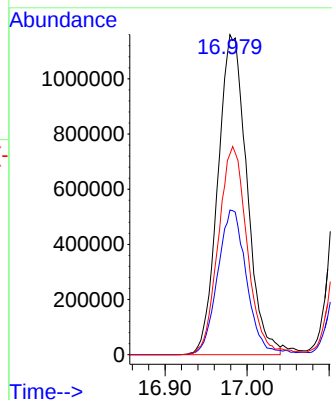
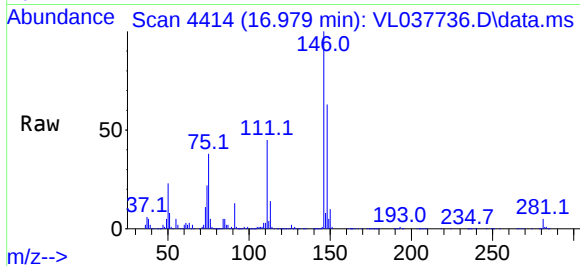
#75
1,3-Dichlorobenzene
Concen: 11.35 ppbv
RT: 16.979 min Scan# 4414
Delta R.T. 0.003 min
Lab File: VL037736.D
Acq: 30 Sep 2021 10:36

Tgt Ion:146 Resp: 2844854
Ion Ratio Lower Upper
146 100
111 45.7 22.8 68.3
148 65.3 32.1 96.5

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

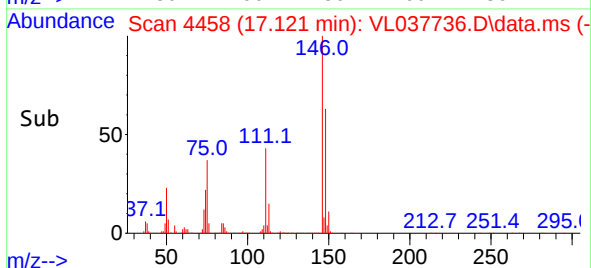
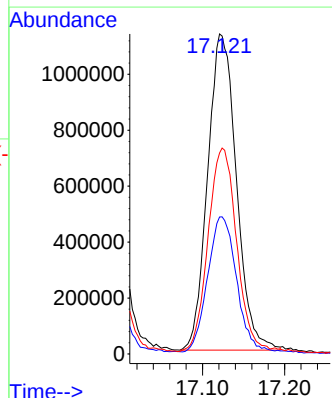
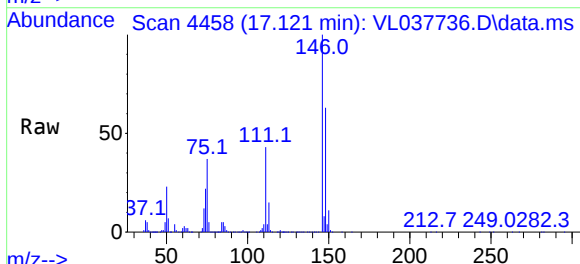
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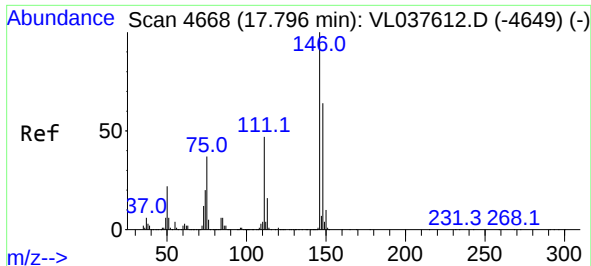
SAM
10/1/2021 11:09:34 AM



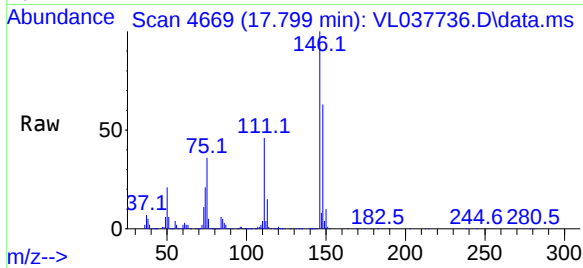
#76
1,4-Dichlorobenzene
Concen: 11.15 ppbv
RT: 17.121 min Scan# 4458
Delta R.T. 0.003 min
Lab File: VL037736.D
Acq: 30 Sep 2021 10:36

Tgt Ion:146 Resp: 2757684
Ion Ratio Lower Upper
146 100
111 45.1 22.5 67.5
148 67.0 32.9 98.6



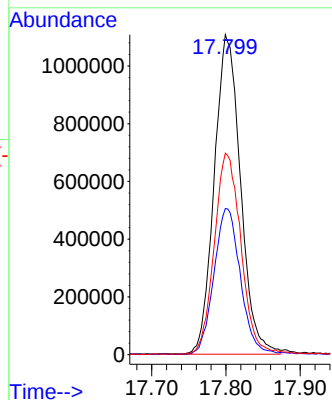
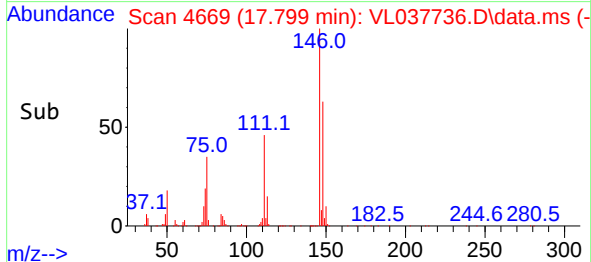


#77
1,2-Dichlorobenzene
Concen: 11.44 ppbv
RT: 17.799 min Scan# 4669
Delta R.T. 0.003 min
Lab File: VL037736.D
Acq: 30 Sep 2021 10:36



Tgt Ion:146 Resp: 2720473

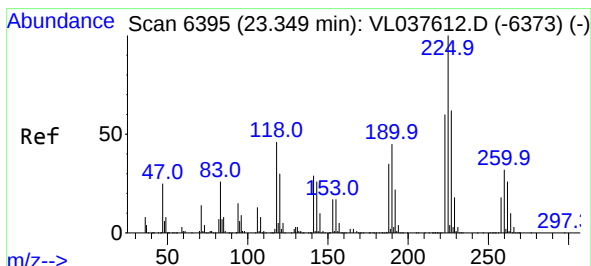
Ion	Ratio	Lower	Upper
146	100		
111	46.5	24.0	72.0
148	64.6	32.8	98.3



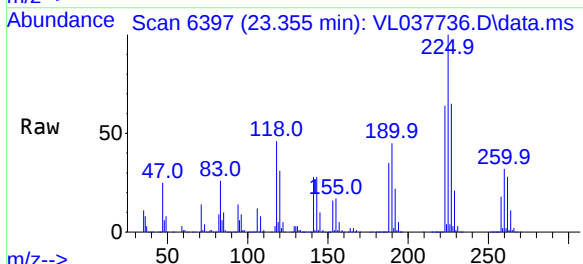
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Manual Integrations
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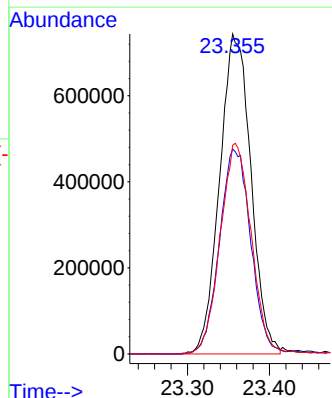
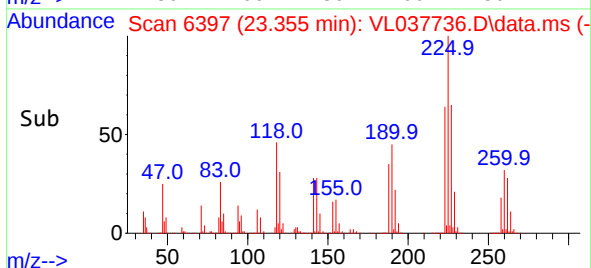


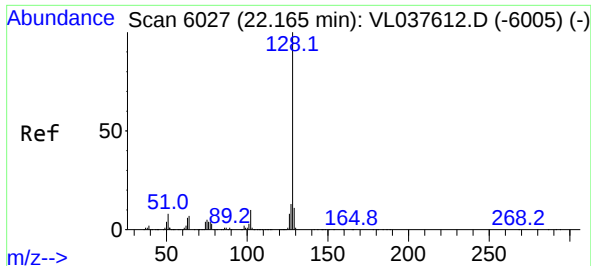
#78
Hexachloro-1,3-Butadiene
Concen: 9.82 ppbv
RT: 23.355 min Scan# 6397
Delta R.T. 0.007 min
Lab File: VL037736.D
Acq: 30 Sep 2021 10:36



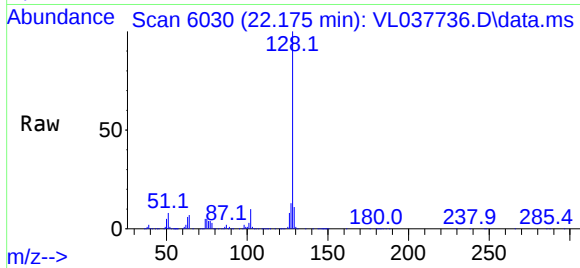
Tgt Ion:225 Resp: 1965756

Ion	Ratio	Lower	Upper
225	100		
223	64.7	51.1	76.7
227	65.8	52.2	78.4



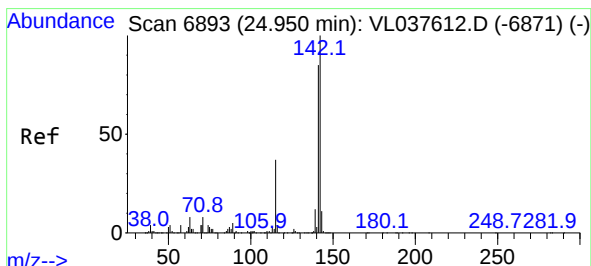
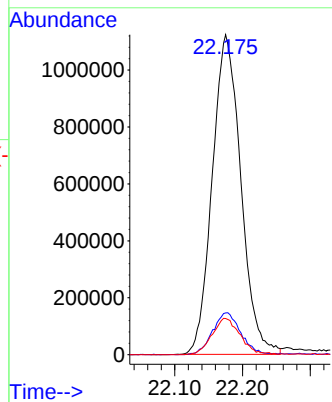
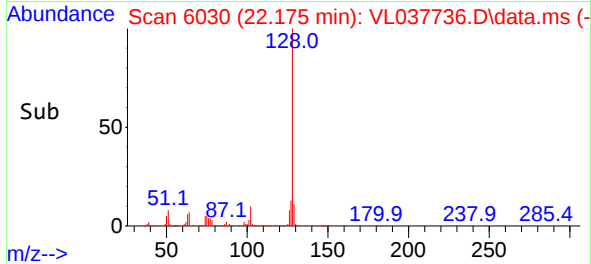


#79
Naphthalene
Concen: 13.29 ppbv
RT: 22.175 min Scan# 6030
Delta R.T. 0.010 min
Lab File: VL037736.D
Acq: 30 Sep 2021 10:36

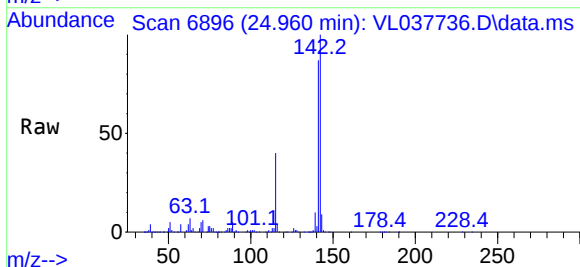


Tgt Ion:128 Resp: 3291875

Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.6	16.0
129	11.3	8.6	12.8

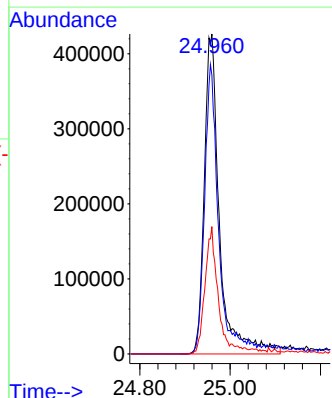
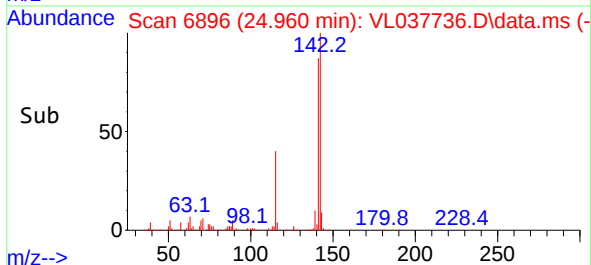


#80
Naphthalene,2-methyl-
Concen: 17.65 ppbv
RT: 24.960 min Scan# 6896
Delta R.T. 0.010 min
Lab File: VL037736.D
Acq: 30 Sep 2021 10:36



Tgt Ion:142 Resp: 999422

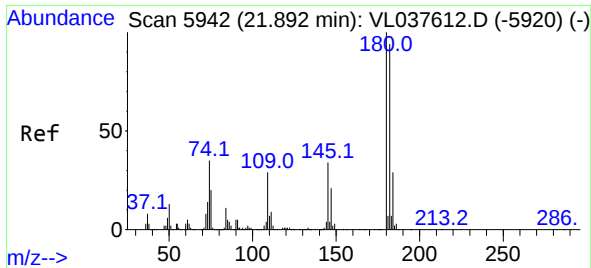
Ion	Ratio	Lower	Upper
142	100		
141	86.9	70.9	106.3
115	36.3	29.6	44.4



Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

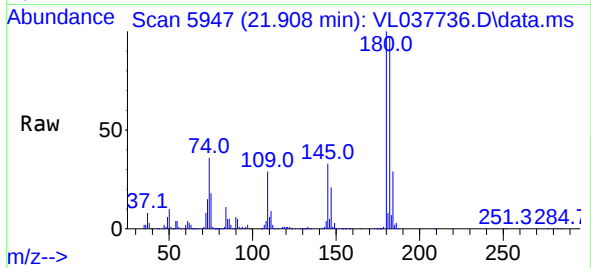
Manual Integrations
APPROVED

SAM
10/1/2021 11:09:34 AM



#81
 1,2,4-Trichlorobenzene
 Concen: 12.27 ppbv
 RT: 21.908 min Scan# 5947
 Delta R.T. 0.016 min
 Lab File: VL037736.D
 Acq: 30 Sep 2021 10:36

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC



Tgt Ion:180 Resp: 1952081

Ion	Ratio	Lower	Upper
180	100		
182	97.6	78.9	118.3
184	30.7	24.7	37.1

Manual Integrations
 APPROVED

SAM
 10/1/2021 11:09:34 AM

