

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL020321\
 Data File : VL036312.D
 Acq On : 4 Feb 2021 8:57
 Operator : SY/AP
 Sample : VSTDCCC010
 Misc : 400ml/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC

Manual Integrations
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 2/4/2021 5:15:20 PM

Quant Time: Feb 04 09:30:31 2021

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL011321AIR.M

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Thu Jan 14 16:13:38 2021

QLast Update : Thu Jan 14 16:13:38 2021

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.680	49	1530977	10.00	ppbv	0.02
33) 1,4-Difluorobenzene	7.185	114	3496950	10.00	ppbv	0.01
55) Chlorobenzene-d5	12.098	117	3280063m	10.00	ppbv	0.01

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene 14.433 95 2859090 10.53 ppbv 0.02
 Spiked Amount 10.000 Range 65 - 135 Recovery = 105.30%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	3.050	85	2127817	10.37	ppbv	100
3) Chlorodifluoromethane	2.989	51	1868186	9.94	ppbv	97
4) Chloromethane	3.144	50	900692	9.69	ppbv	94
5) Vinyl Chloride	3.263	62	898590	10.22	ppbv	99
6) Bromomethane	3.481	94	484127	9.85	ppbv	98
7) Chloroethane	3.562	64	317804	10.49	ppbv	97
8) Dichlorotetrafluoroethane	3.192	85	2078068	10.45	ppbv	98
9) Propene	3.012	41	832148	9.29	ppbv	99
10) Heptane	8.134	43	2152758	9.69	ppbv	97
11) Trichlorofluoromethane	3.957	101	2194320	10.52	ppbv	98
12) 1,1,2-Trichlorotrifluo...	4.494	101	1366765	10.81	ppbv	96
13) Ethanol	3.610	45	122281	8.70	ppbv	93
14) Bromoethene	3.745	108	568516	9.87	ppbv	99
15) Acetone	3.854	43	1743113	9.30	ppbv	99
16) 1,3-Butadiene	3.333	39	866933	9.49	ppbv	96
17) tert-Butyl alcohol	4.298	59	1561501	10.09	ppbv	99
18) 1,1-Dichloroethene	4.298	96	597097	10.18	ppbv	92
19) Isopropyl Alcohol	3.976	45	1048002	9.27	ppbv	100
20) Methylene Chloride	4.349	84	522002	8.72	ppbv	93
21) Allyl Chloride	4.417	41	1015650	9.95	ppbv	97
22) trans-1,2-Dichloroethene	4.893	96	576431	10.64	ppbv	99
23) Vinyl Acetate	5.082	43	2354953	10.37	ppbv	98
24) 1,1-Dichloroethane	5.018	63	1650639	10.03	ppbv	99
25) Ethyl Acetate	5.687	43	3539388	9.40	ppbv	99
26) Hexane	5.693	57	1451902	9.26	ppbv	98
27) Carbon Disulfide	4.558	76	1484888	11.85	ppbv	99
28) Methyl tert-Butyl Ether	5.041	73	2030065	9.58	ppbv	97
29) Chloroform	5.764	83	2348637	10.47	ppbv	100
30) Cyclohexane	7.140	84	1232409	10.29	ppbv	99
31) cis-1,2-Dichloroethene	5.558	61	1521379	10.16	ppbv	94
32) 1,1,1-Trichloroethane	6.523	97	2301827	10.61	ppbv	99
34) 2-Butanone	5.253	43	2254448	8.75	ppbv	96
35) Carbon Tetrachloride	7.031	117	2318669	10.49	ppbv	98
36) Benzene	6.902	78	3062157	9.56	ppbv	98
37) 1,2-Dichloroethane	6.317	62	1903140	9.87	ppbv	100
38) Trichloroethene	7.844	130	1007652	8.49	ppbv	97
39) 1,2-Dichloropropane	7.626	63	1215336	9.34	ppbv	99
40) 1,4-Dioxane	7.844	88	408129	8.67	ppbv #	94
41) Tetrahydrofuran	6.057	42	1335551	8.97	ppbv	99
42) Bromodichloromethane	7.806	83	2534458	10.46	ppbv	96
43) Methyl Methacrylate	8.024	69	1361072	10.00	ppbv	96
44) 2,2,4-Trimethylpentane	7.883	57	5269645	8.95	ppbv	100
45) t-1,3-Dichloropropene	9.291	75	1462730	11.31	ppbv	99

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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL011321AIR.M

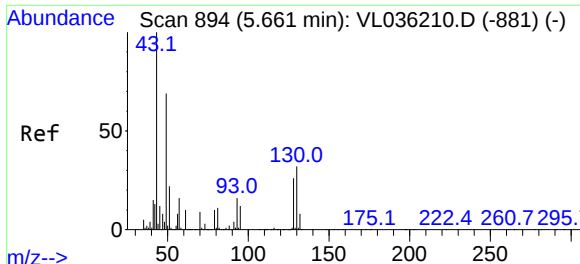
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Thu Jan 14 16:13:38 2021

QLast Update : Thu Jan 14 16:13:38 2021

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.719	75	1783503	10.73	ppbv	96
47) 1,1,2-Trichloroethane	9.491	97	1216411	9.77	ppbv	96
48) Dibromochloromethane	10.320	129	1983888	10.90	ppbv	99
49) Bromoform	13.056	173	1623683	10.68	ppbv	100
50) 4-Methyl-2-Pentanone	8.751	43	3569106	9.29	ppbv	100
51) 2-Hexanone	10.147	43	2929401	9.67	ppbv #	99
52) Tetrachloroethene	11.240	164	977600	8.28	ppbv	95
53) Toluene	9.819	91	3405582	9.50	ppbv	99
54) 1,2-Dibromoethane	10.626	107	1807582	9.80	ppbv	97
56) 1,1,1,2-Tetrachloroethane	12.143	131	1485955	10.15	ppbv	97
57) Chlorobenzene	12.159	112	2408088	9.36	ppbv	99
58) Ethyl Benzene	12.725	91	4569827	9.39	ppbv	99
59) m/p-Xylene	13.011	91	7835513m	18.73	ppbv	
60) o-Xylene	13.706	91	3653029	9.06	ppbv	100
61) Styrene	13.542	104	2571953	10.10	ppbv	100
62) Isopropylbenzene	14.683	105	5373957	8.97	ppbv	99
63) 1,1,2,2-Tetrachloroethane	13.696	83	2653592	8.84	ppbv	99
64) n-propylbenzene	15.577	120	1404727	9.54	ppbv	97
65) tert-Butylbenzene	16.760	119	4530712	8.92	ppbv	99
66) Benzyl Chloride	17.008	91	1627232	12.54	ppbv	99
67) sec-Butylbenzene	17.313	105	6501596	8.62	ppbv	100
69) p-Isopropyltoluene	17.670	119	5236945	8.76	ppbv	100
70) n-Butylbenzene	18.567	91	5537024	8.69	ppbv	99
71) 2-Chlorotoluene	15.471	91	4282456	9.09	ppbv	99
72) 4-Ethyltoluene	15.857	105	4131070	9.08	ppbv	99
73) 1,3,5-Trimethylbenzene	16.018	105	3948694	9.11	ppbv	98
74) 1,2,4-Trimethylbenzene	16.780	105	3976348	8.94	ppbv	98
75) 1,3-Dichlorobenzene	17.014	146	2128674	8.92	ppbv	99
76) 1,4-Dichlorobenzene	17.156	146	2102244	8.92	ppbv	99
77) 1,2-Dichlorobenzene	17.834	146	2063237	8.85	ppbv	99
78) Hexachloro-1,3-Butadiene	23.397	225	1360668m	7.30	ppbv	
79) Naphthalene	22.223	128	2460146	9.46	ppbv	100
80) Naphthalene,2-methyl-	24.992	142	770340	13.88	ppbv	99
81) 1,2,4-Trichlorobenzene	21.953	180	1387900m	9.14	ppbv	

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



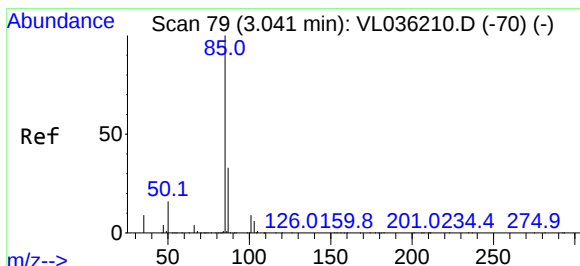
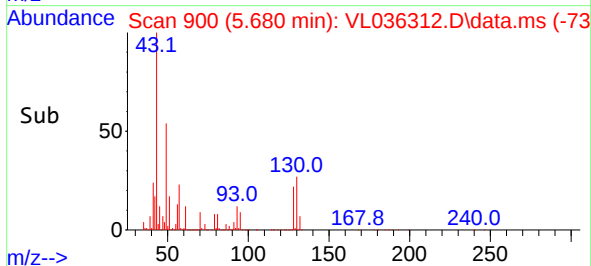
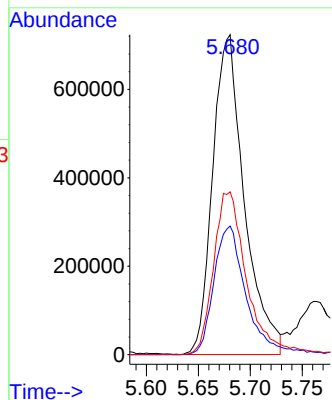
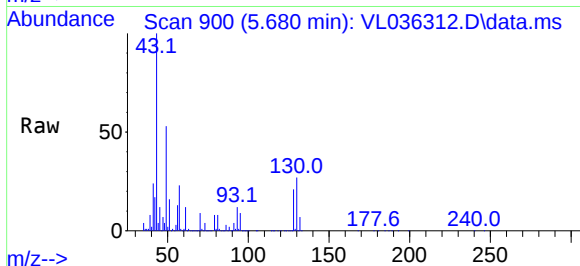
#1
Bromochloromethane
Concen: 10.00 ppbv
RT: 5.680 min Scan# 900
Delta R.T. 0.019 min
Lab File: VL036312.D
Acq: 4 Feb 2021 8:57

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 49 Resp: 1530977
Ion Ratio Lower Upper
49 100
128 41.8 20.1 60.2
130 54.4 25.3 75.9

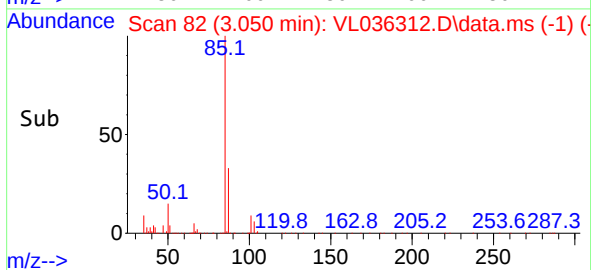
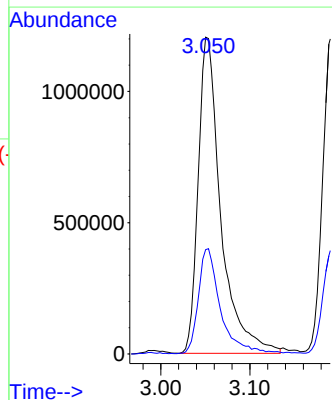
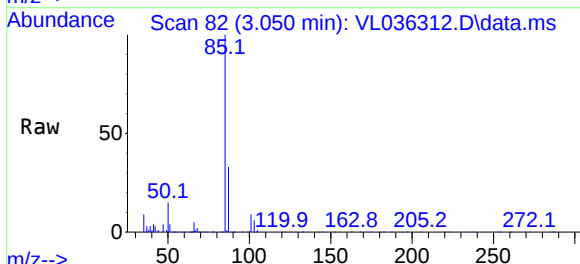
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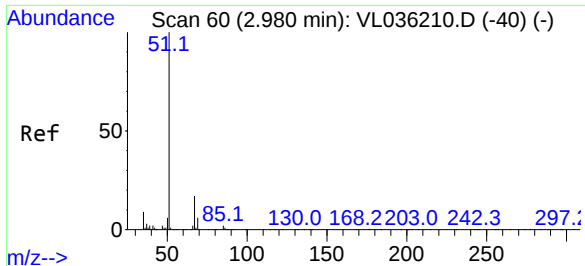
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#2
Dichlorodifluoromethane
Concen: 10.37 ppbv
RT: 3.050 min Scan# 82
Delta R.T. 0.009 min
Lab File: VL036312.D
Acq: 4 Feb 2021 8:57

Tgt Ion: 85 Resp: 2127817
Ion Ratio Lower Upper
85 100
87 32.8 26.4 39.6

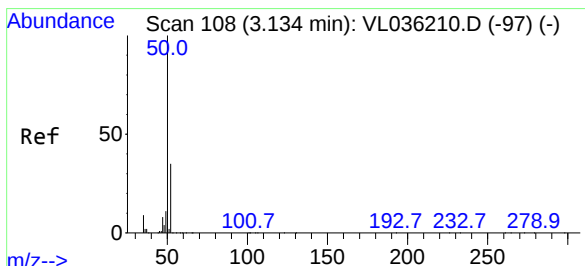
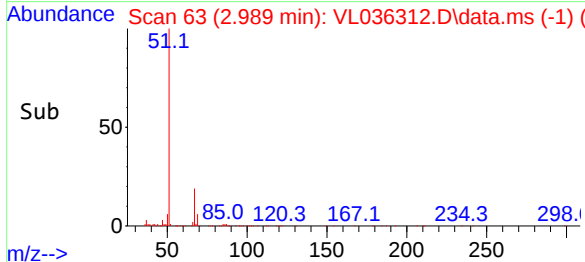
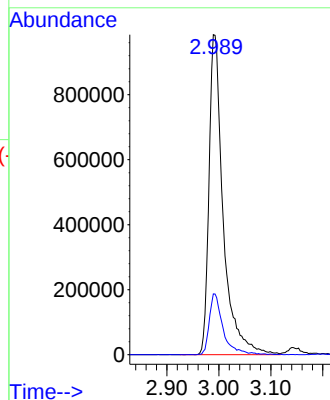
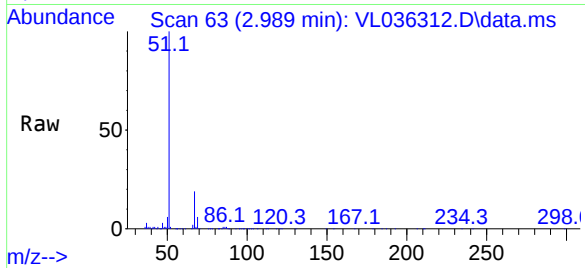




#3
Chlorodifluoromethane
Concen: 9.94 ppbv
RT: 2.989 min Scan# 63
Delta R.T. 0.009 min
Lab File: VL036312.D
Acq: 4 Feb 2021 8:57

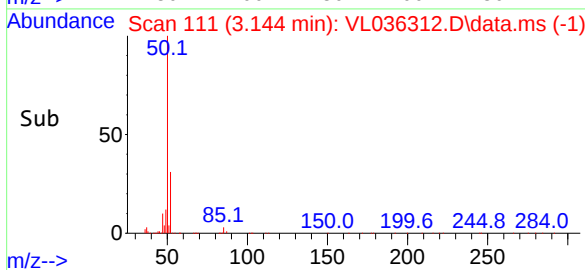
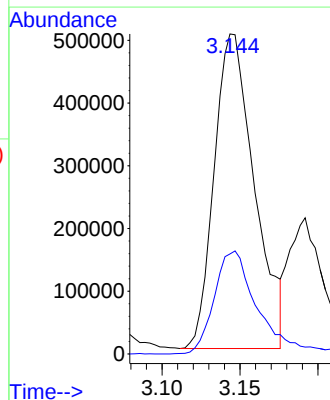
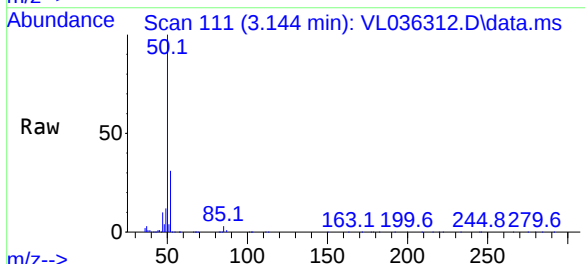
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

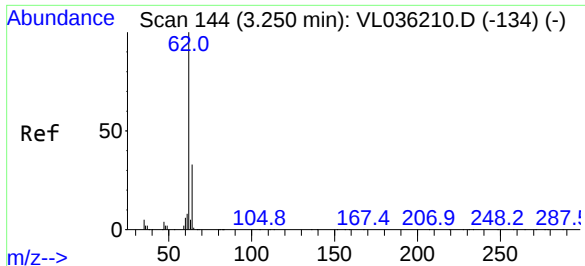
Tgt Ion: 51 Resp: 1868186
Ion Ratio Lower Upper
51 100
67 18.6 14.0 21.0



#4
Chloromethane
Concen: 9.69 ppbv
RT: 3.144 min Scan# 111
Delta R.T. 0.009 min
Lab File: VL036312.D
Acq: 4 Feb 2021 8:57

Tgt Ion: 50 Resp: 900692
Ion Ratio Lower Upper
50 100
52 31.6 27.8 41.8





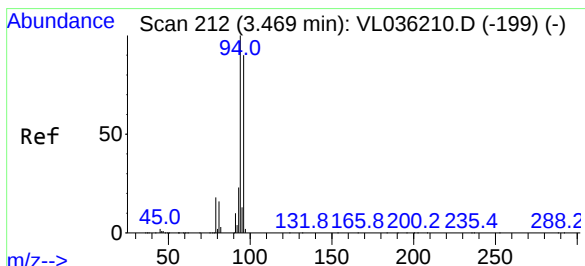
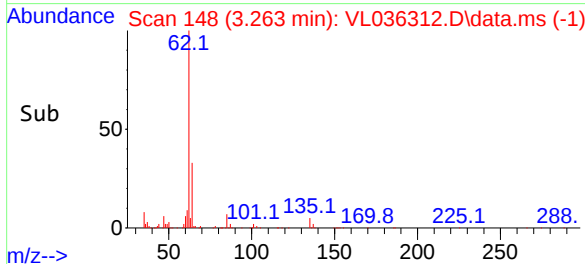
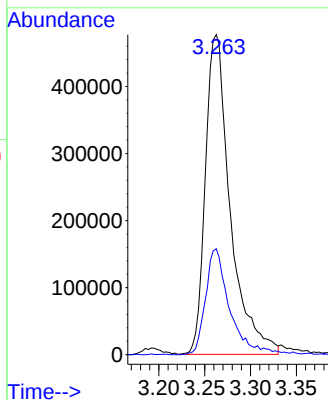
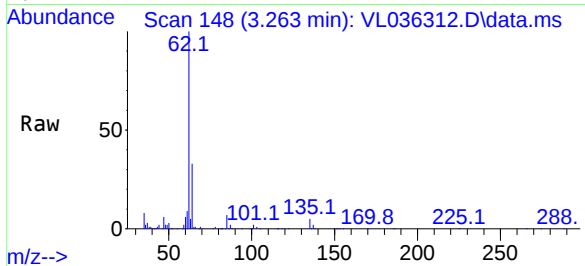
#5
 Vinyl Chloride
 Concen: 10.22 ppbv
 RT: 3.263 min Scan# 148
 Delta R.T. 0.013 min
 Lab File: VL036312.D
 Acq: 4 Feb 2021 8:57

Tgt Ion: 62 Resp: 898590
 Ion Ratio Lower Upper
 62 100
 64 33.2 26.2 39.2

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC

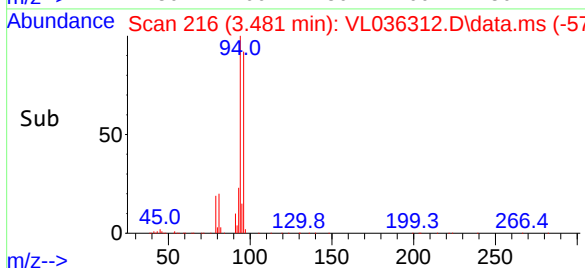
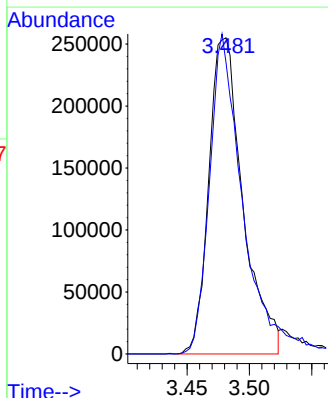
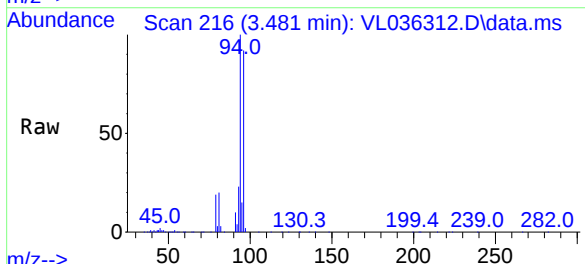
Manual Integrations
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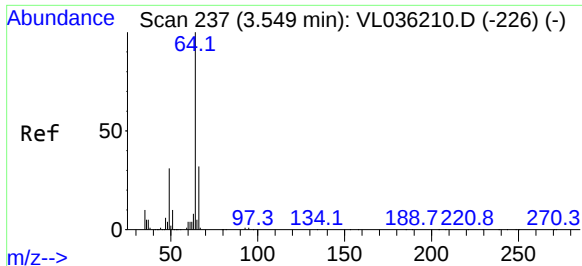
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#6
 Bromomethane
 Concen: 9.85 ppbv
 RT: 3.481 min Scan# 216
 Delta R.T. 0.013 min
 Lab File: VL036312.D
 Acq: 4 Feb 2021 8:57

Tgt Ion: 94 Resp: 484127
 Ion Ratio Lower Upper
 94 100
 96 92.1 71.9 107.9





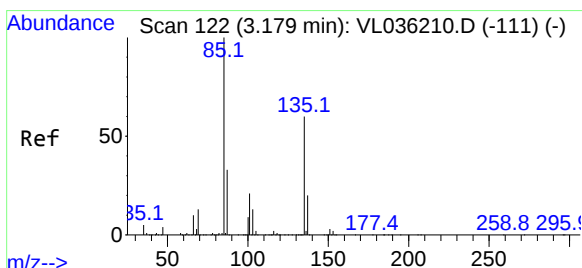
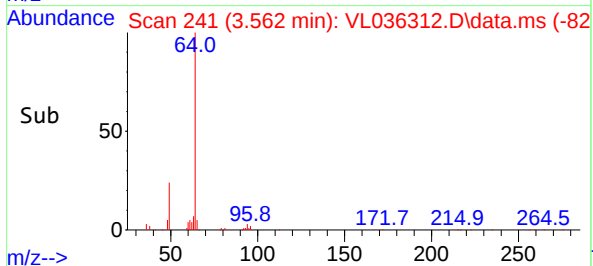
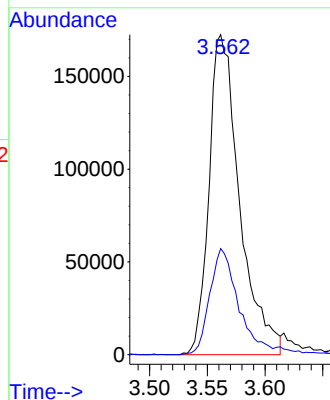
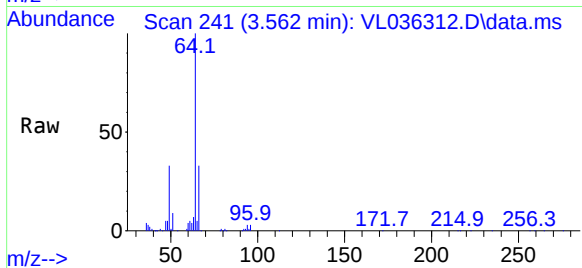
#7
Chloroethane
Concen: 10.49 ppbv
RT: 3.562 min Scan# 241
Delta R.T. 0.013 min
Lab File: VL036312.D
Acq: 4 Feb 2021 8:57

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 64 Resp: 317804
Ion Ratio Lower Upper
64 100
66 33.2 25.2 37.8

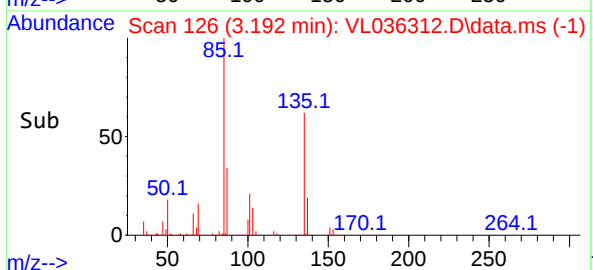
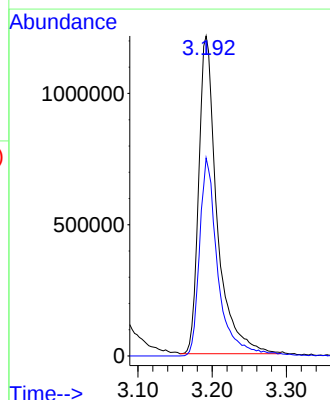
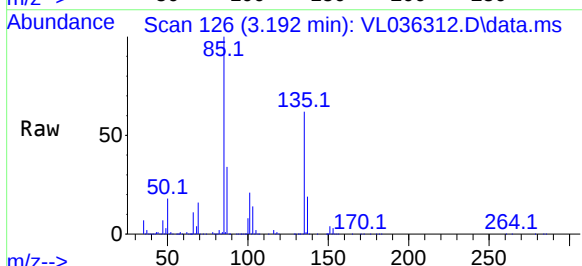
Manual Integrations
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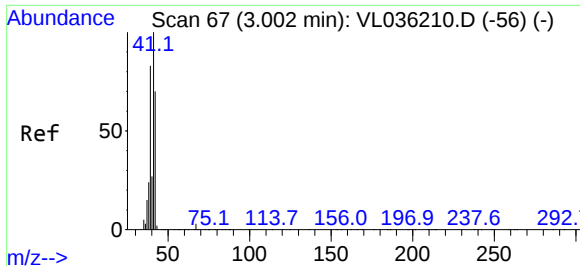
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#8
Dichlorotetrafluoroethane
Concen: 10.45 ppbv
RT: 3.192 min Scan# 126
Delta R.T. 0.013 min
Lab File: VL036312.D
Acq: 4 Feb 2021 8:57

Tgt Ion: 85 Resp: 2078068
Ion Ratio Lower Upper
85 100
135 62.8 51.5 77.3





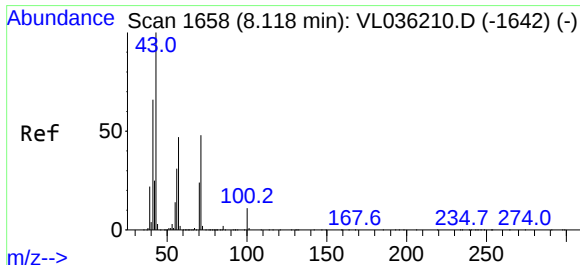
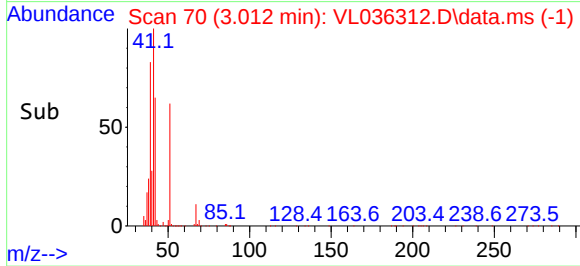
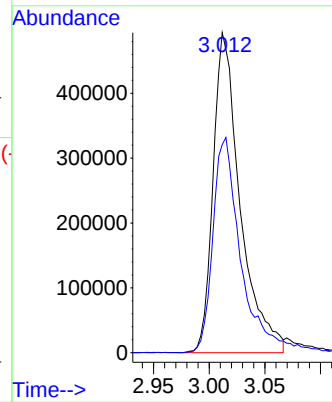
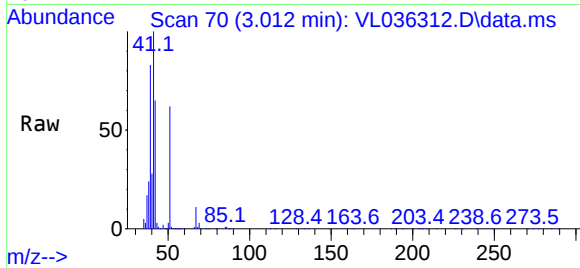
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Propene
Concen: 9.29 ppbv
RT: 3.012 min Scan# 70
Delta R.T. 0.009 min
Lab File: VL036312.D
Acq: 4 Feb 2021 8:57

Tgt Ion: 41 Resp: 832148
Ion Ratio Lower Upper
41 100
42 70.9 57.1 85.7

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

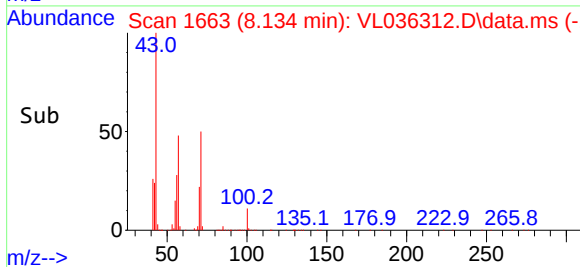
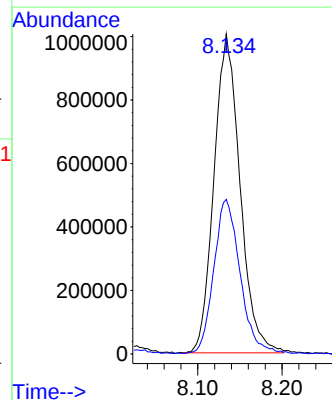
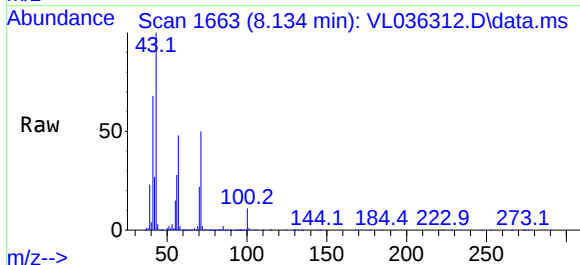
Manual Integrations
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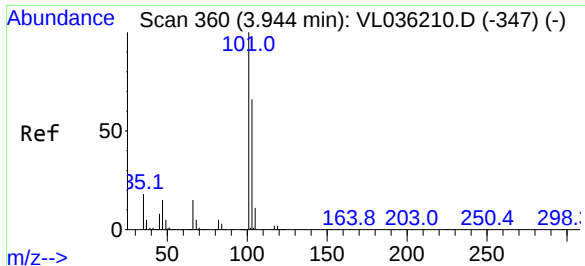
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2/4/2021 5:15:20 PM



#10
Heptane
Concen: 9.69 ppbv
RT: 8.134 min Scan# 1663
Delta R.T. 0.016 min
Lab File: VL036312.D
Acq: 4 Feb 2021 8:57

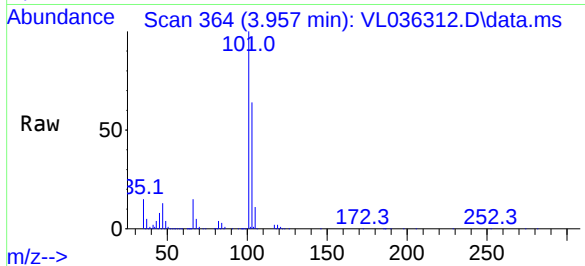
Tgt Ion: 43 Resp: 2152758
Ion Ratio Lower Upper
43 100
57 49.5 38.1 57.1





#11
Trichlorofluoromethane
Concen: 10.52 ppbv
RT: 3.957 min Scan# 364
Delta R.T. 0.013 min
Lab File: VL036312.D
Acq: 4 Feb 2021 8:57

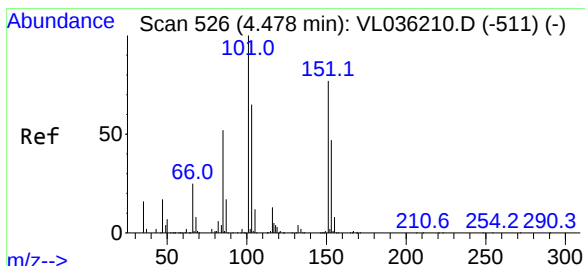
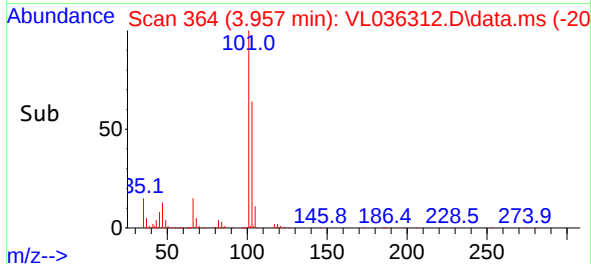
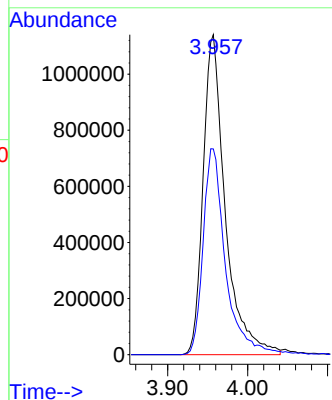
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion:101 Resp: 2194320
Ion Ratio Lower Upper
101 100
103 64.3 52.6 78.8

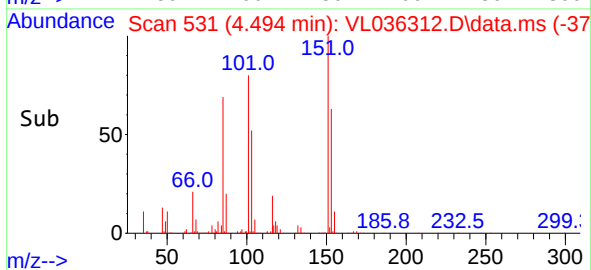
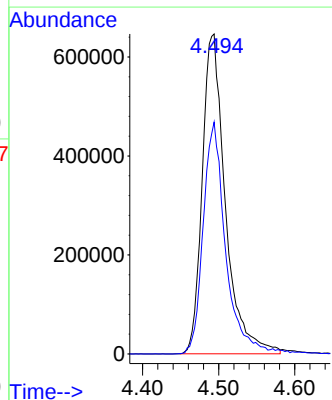
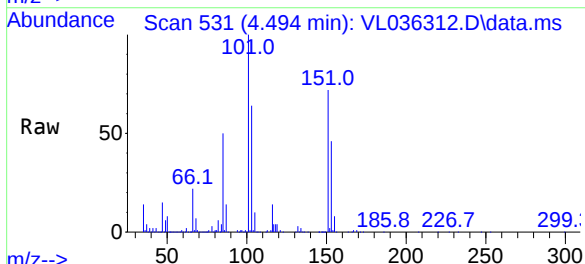
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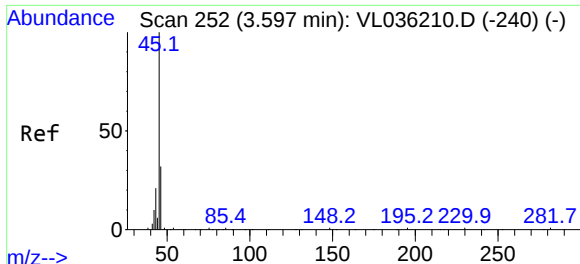
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#12
1,1,2-Trichlorotrifluoroethane
Concen: 10.81 ppbv
RT: 4.494 min Scan# 531
Delta R.T. 0.016 min
Lab File: VL036312.D
Acq: 4 Feb 2021 8:57

Tgt Ion:101 Resp: 1366765
Ion Ratio Lower Upper
101 100
151 71.0 59.8 89.6





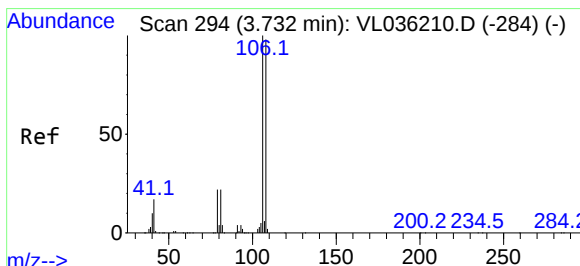
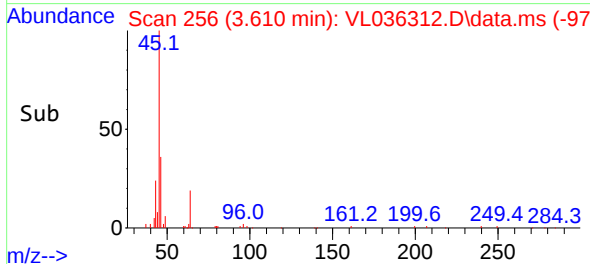
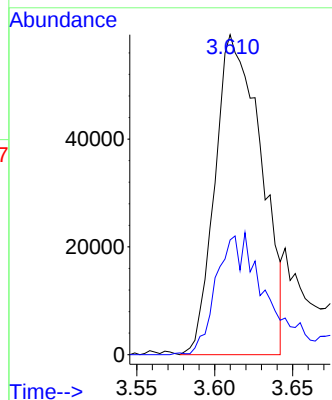
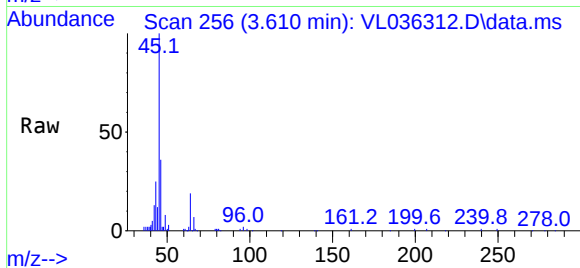
#13
Ethanol
Concen: 8.70 ppbv
RT: 3.610 min Scan# 256
Delta R.T. 0.013 min
Lab File: VL036312.D
Acq: 4 Feb 2021 8:57

Tgt Ion: 45 Resp: 122281
Ion Ratio Lower Upper
45 100
46 43.6 19.2 77.0

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

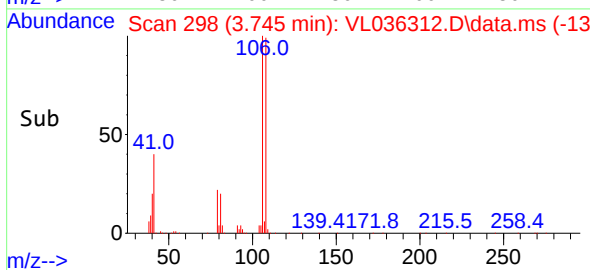
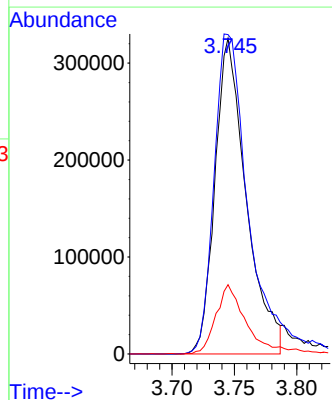
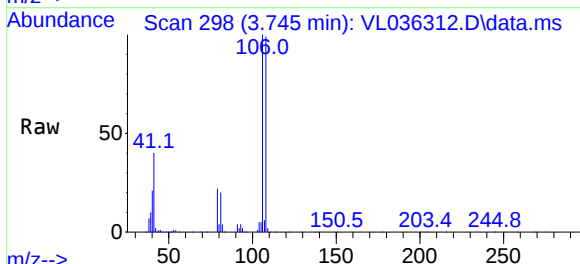
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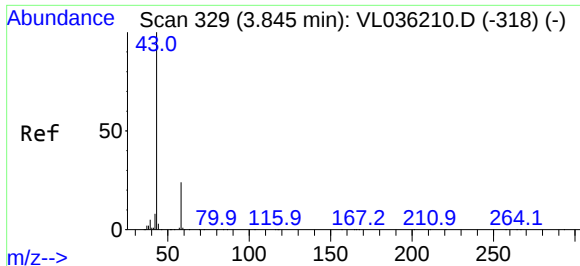
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#14
Bromoethene
Concen: 9.87 ppbv
RT: 3.745 min Scan# 298
Delta R.T. 0.013 min
Lab File: VL036312.D
Acq: 4 Feb 2021 8:57

Tgt Ion: 108 Resp: 568516
Ion Ratio Lower Upper
108 100
106 114.9 91.4 137.2
79 22.3 18.3 27.5





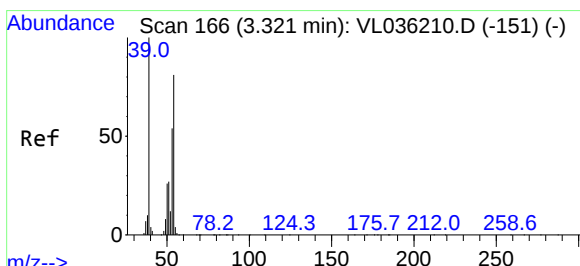
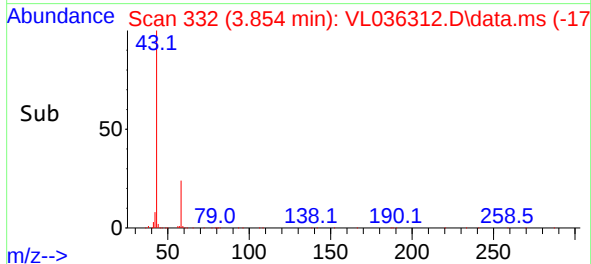
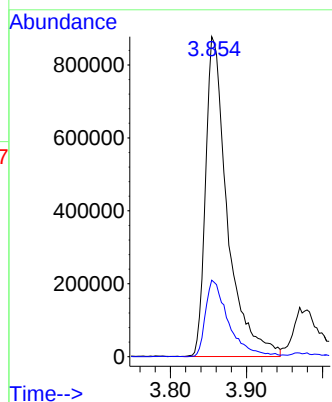
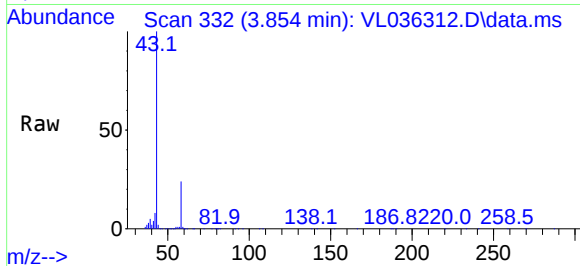
#15
Acetone
Concen: 9.30 ppbv
RT: 3.854 min Scan# 332
Delta R.T. 0.009 min
Lab File: VL036312.D
Acq: 4 Feb 2021 8:57

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 43 Resp: 1743113
Ion Ratio Lower Upper
43 100
58 25.4 20.9 31.3

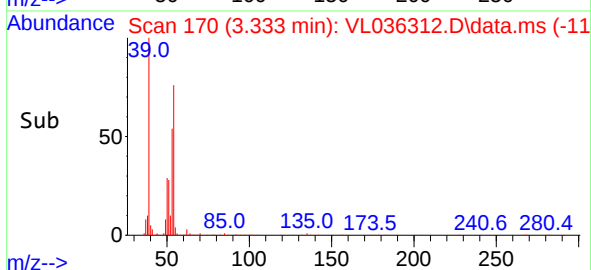
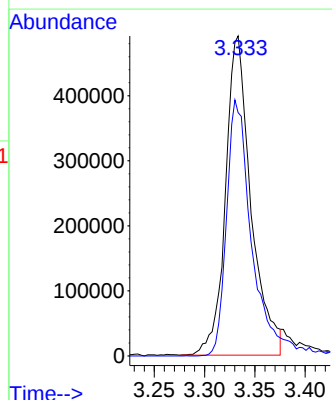
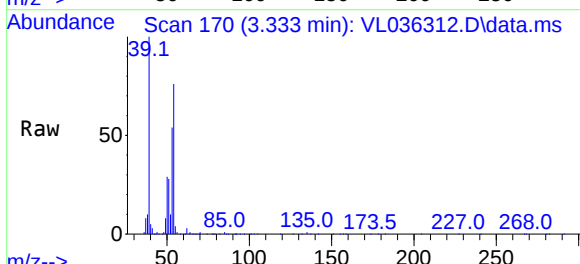
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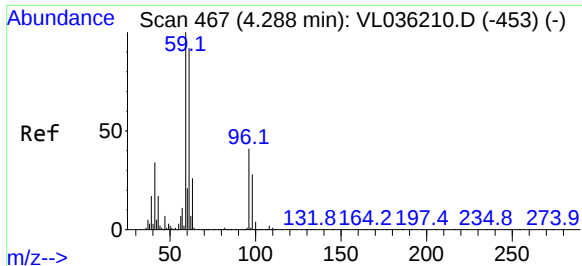
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#16
1,3-Butadiene
Concen: 9.49 ppbv
RT: 3.333 min Scan# 170
Delta R.T. 0.013 min
Lab File: VL036312.D
Acq: 4 Feb 2021 8:57

Tgt Ion: 39 Resp: 866933
Ion Ratio Lower Upper
39 100
54 81.4 62.5 93.7





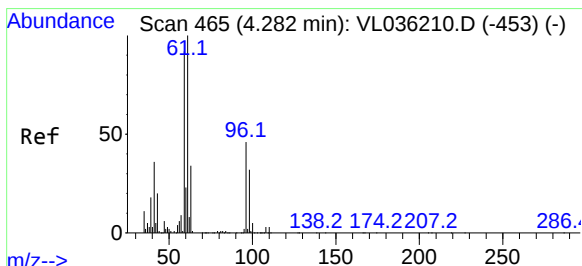
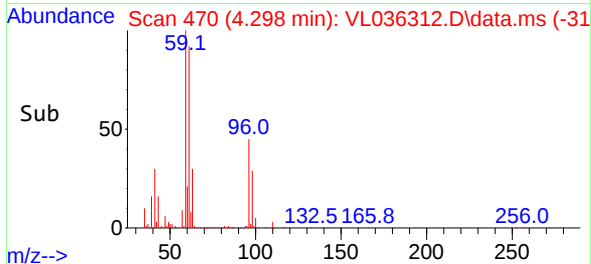
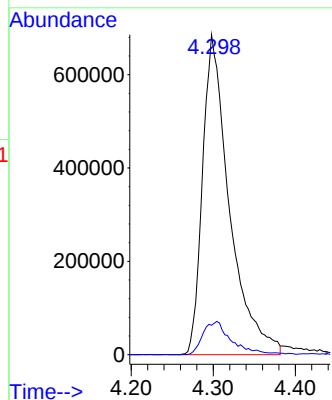
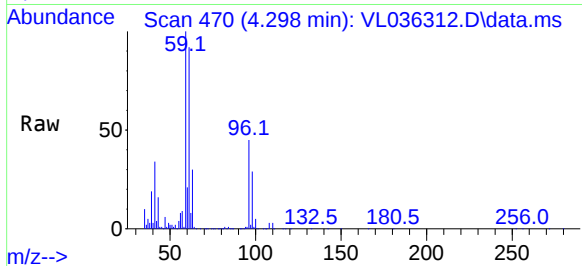
#17
tert-Butyl alcohol
Concen: 10.09 ppbv
RT: 4.298 min Scan# 470
Delta R.T. 0.009 min
Lab File: VL036312.D
Acq: 4 Feb 2021 8:57

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 59 Resp: 1561501
Ion Ratio Lower Upper
59 100
57 11.2 9.2 13.8

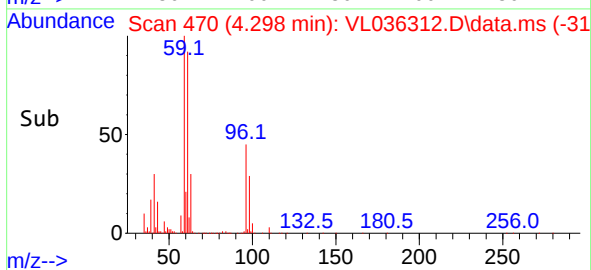
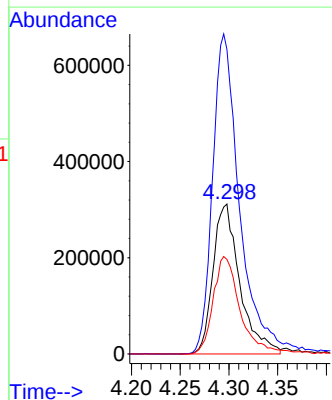
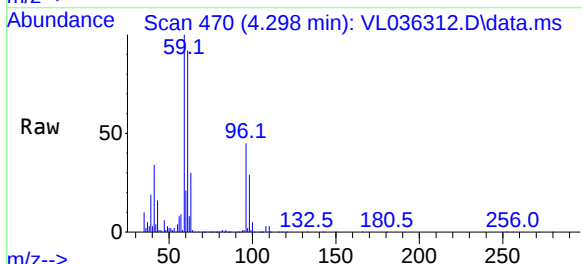
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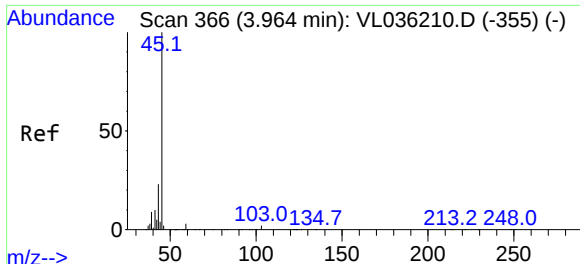
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#18
1,1-Dichloroethene
Concen: 10.18 ppbv
RT: 4.298 min Scan# 470
Delta R.T. 0.016 min
Lab File: VL036312.D
Acq: 4 Feb 2021 8:57

Tgt Ion: 96 Resp: 597097
Ion Ratio Lower Upper
96 100
61 203.2 173.4 260.0
98 63.0 54.9 82.3





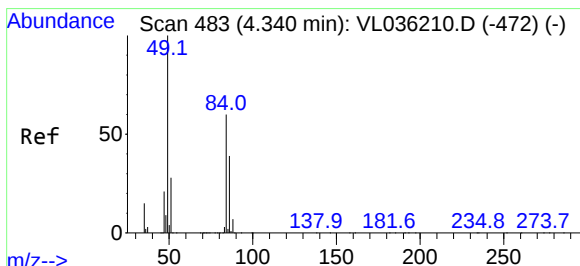
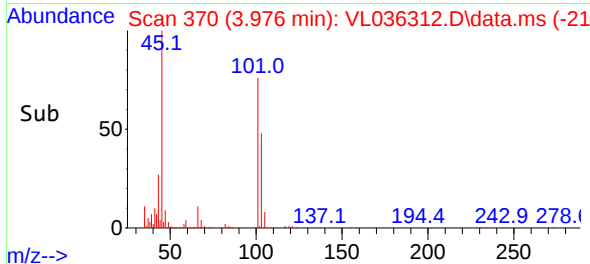
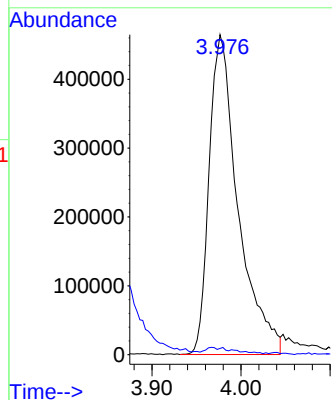
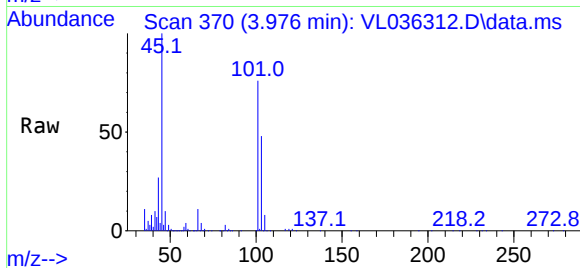
#19
Isopropyl Alcohol
Concen: 9.27 ppbv
RT: 3.976 min Scan# 370
Delta R.T. 0.013 min
Lab File: VL036312.D
Acq: 4 Feb 2021 8:57

Tgt Ion: 45 Resp: 1048002
Ion Ratio Lower Upper
45 100
58 2.5 1.9 2.9

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

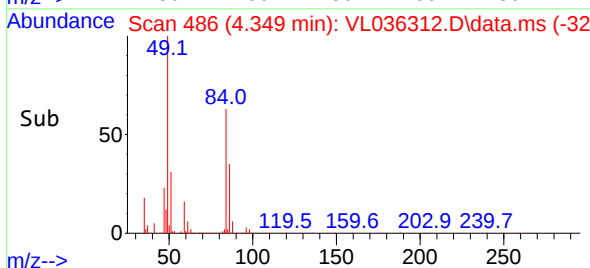
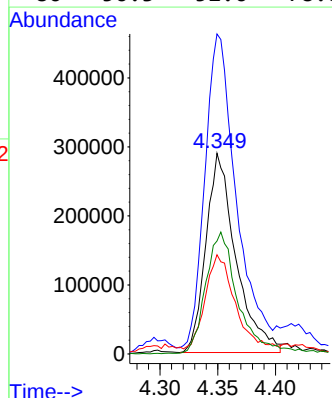
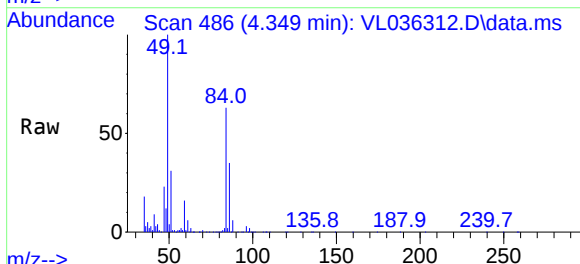
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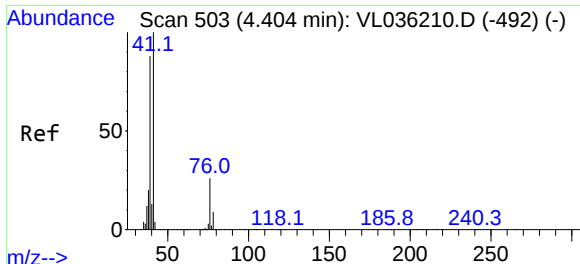
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#20
Methylene Chloride
Concen: 8.72 ppbv
RT: 4.349 min Scan# 486
Delta R.T. 0.009 min
Lab File: VL036312.D
Acq: 4 Feb 2021 8:57

Tgt Ion: 84 Resp: 522002
Ion Ratio Lower Upper
84 100
49 157.5 134.1 201.1
51 46.3 37.4 56.0
86 56.3 52.6 78.8





#21
 Allyl Chloride
 Concen: 9.95 ppbv
 RT: 4.417 min Scan# 507
 Delta R.T. 0.013 min
 Lab File: VL036312.D
 Acq: 4 Feb 2021 8:57

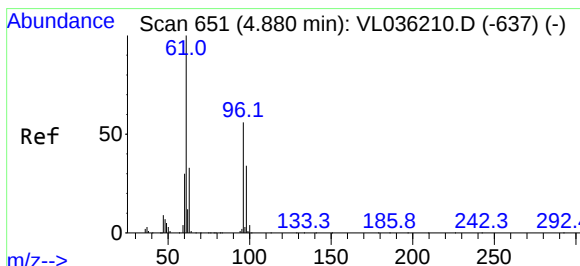
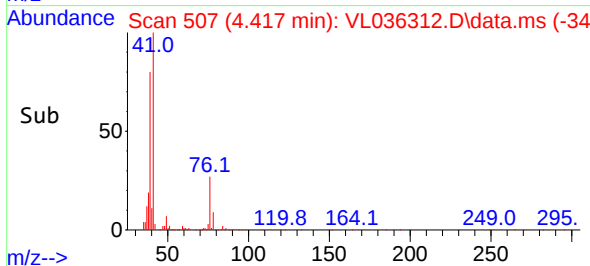
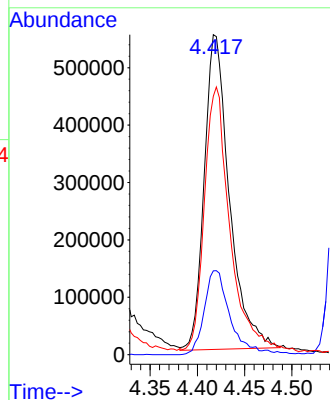
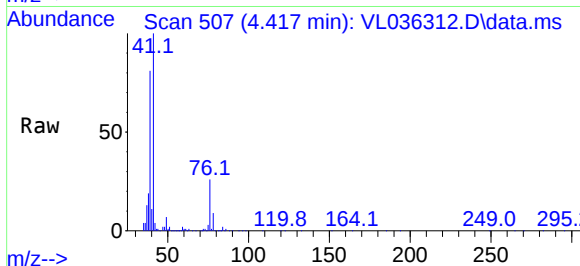
Tgt Ion: 41 Resp: 1015650

Ion	Ratio	Lower	Upper
41	100		
76	27.6	20.5	30.7
39	86.8	67.8	101.8

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC

Manual Integrations
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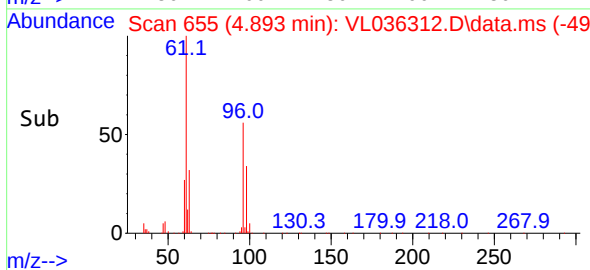
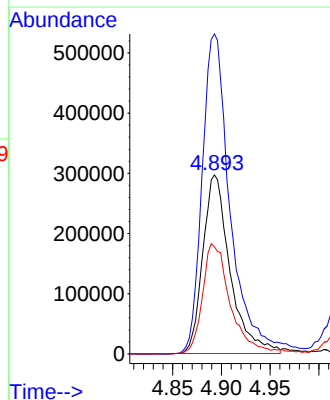
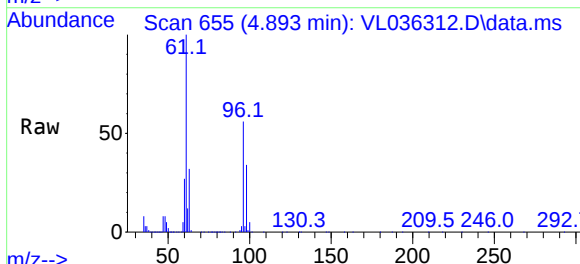
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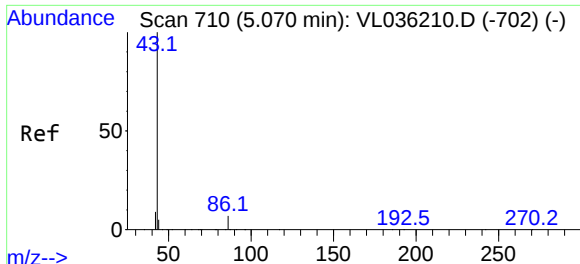


#22
 trans-1,2-Dichloroethene
 Concen: 10.64 ppbv
 RT: 4.893 min Scan# 655
 Delta R.T. 0.013 min
 Lab File: VL036312.D
 Acq: 4 Feb 2021 8:57

Tgt Ion: 96 Resp: 576431

Ion	Ratio	Lower	Upper
96	100		
61	178.7	142.7	214.1
98	59.7	48.7	73.1





#23
 Vinyl Acetate
 Concen: 10.37 ppbv
 RT: 5.082 min Scan# 714
 Delta R.T. 0.013 min
 Lab File: VL036312.D
 Acq: 4 Feb 2021 8:57

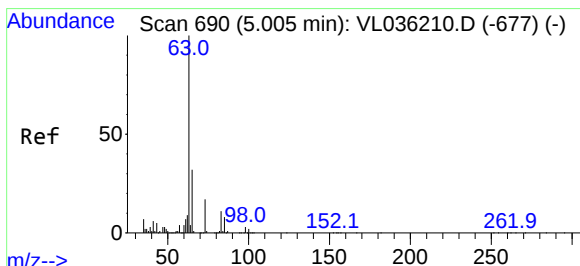
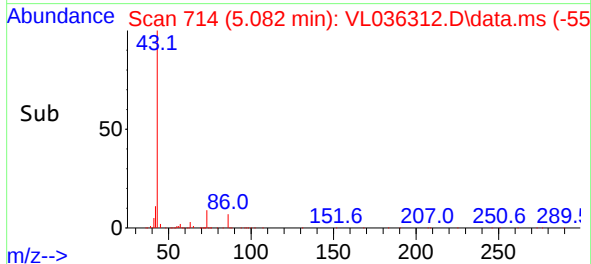
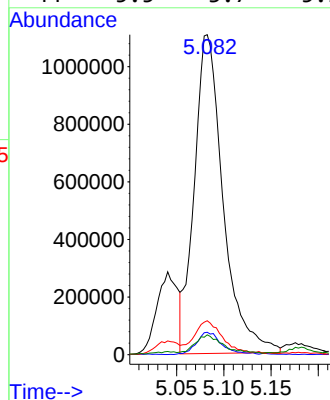
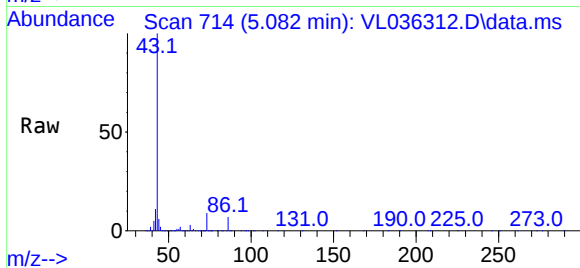
Tgt Ion: 43 Resp: 2354953

Ion	Ratio	Lower	Upper
43	100		
86	7.0	4.9	7.3
42	10.4	7.8	11.6
44	5.5	3.7	5.5

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC

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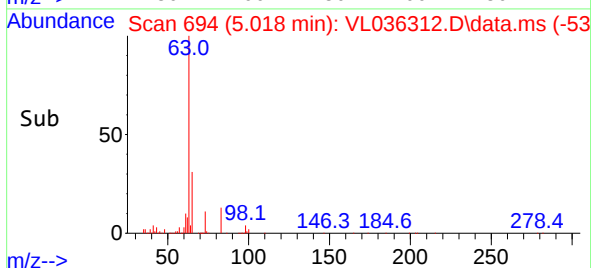
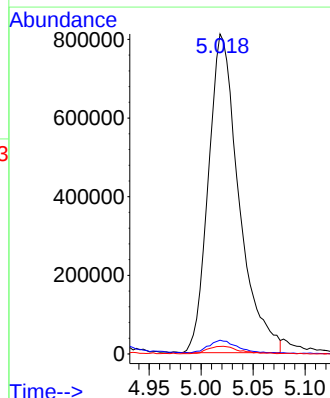
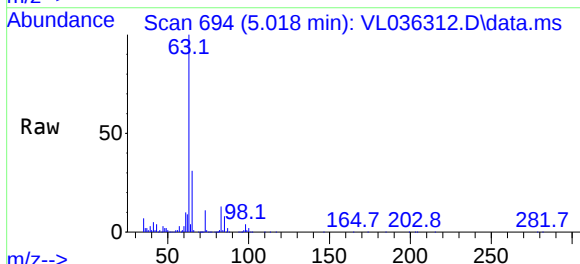
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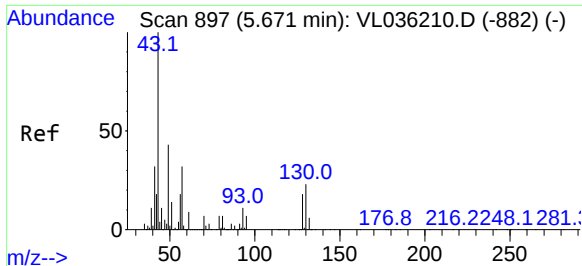


#24
 1,1-Dichloroethane
 Concen: 10.03 ppbv
 RT: 5.018 min Scan# 694
 Delta R.T. 0.013 min
 Lab File: VL036312.D
 Acq: 4 Feb 2021 8:57

Tgt Ion: 63 Resp: 1650639

Ion	Ratio	Lower	Upper
63	100		
98	4.0	1.7	5.1
100	2.3	1.1	3.1





#25
Ethyl Acetate
Concen: 9.40 ppbv
RT: 5.687 min Scan# 902
Delta R.T. 0.016 min
Lab File: VL036312.D
Acq: 4 Feb 2021 8:57

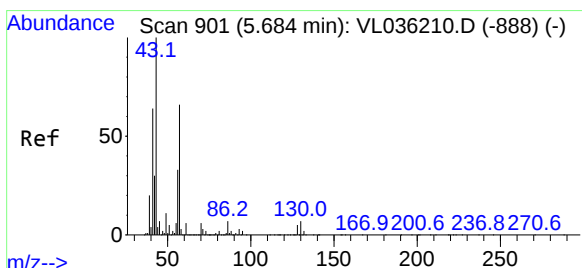
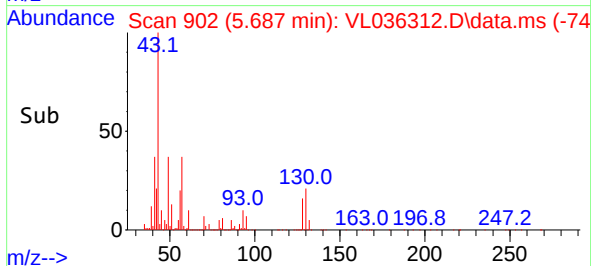
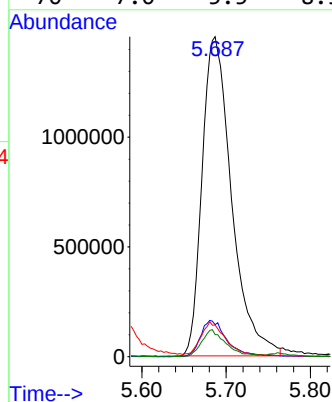
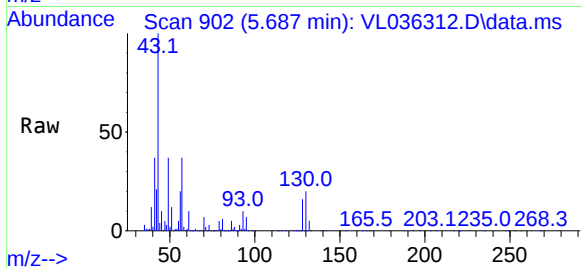
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 43 Resp: 3539388

Ion	Ratio	Lower	Upper
43	100		
45	10.4	8.3	12.5
61	10.0	7.4	11.2
70	7.0	5.5	8.3

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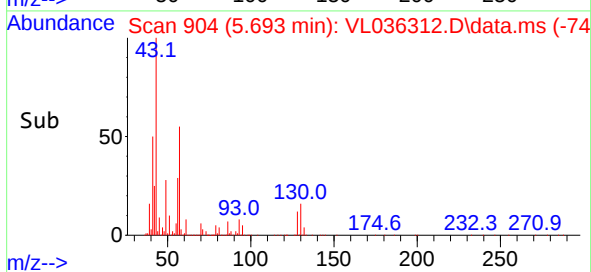
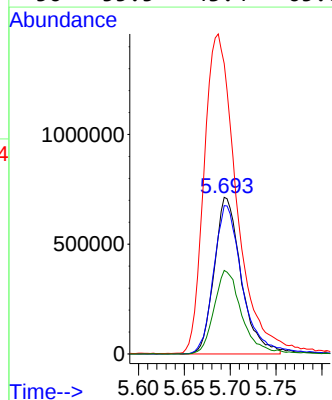
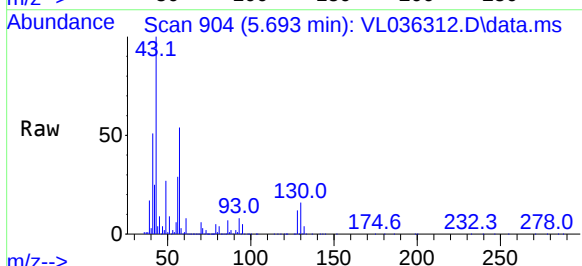
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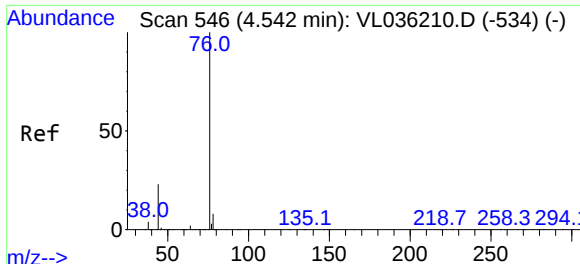


#26
Hexane
Concen: 9.26 ppbv
RT: 5.693 min Scan# 904
Delta R.T. 0.009 min
Lab File: VL036312.D
Acq: 4 Feb 2021 8:57

Tgt Ion: 57 Resp: 1451902

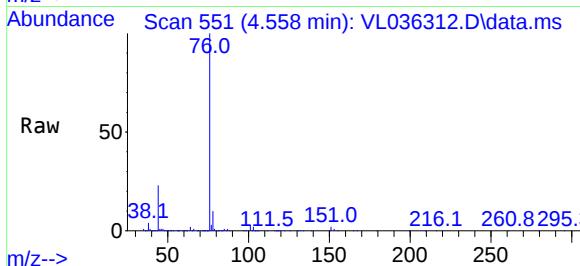
Ion	Ratio	Lower	Upper
57	100		
41	102.0	83.0	124.6
43	249.8	202.4	303.6
56	55.5	43.4	65.0





#27
Carbon Disulfide
Concen: 11.85 ppbv
RT: 4.558 min Scan# 551
Delta R.T. 0.016 min
Lab File: VL036312.D
Acq: 4 Feb 2021 8:57

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

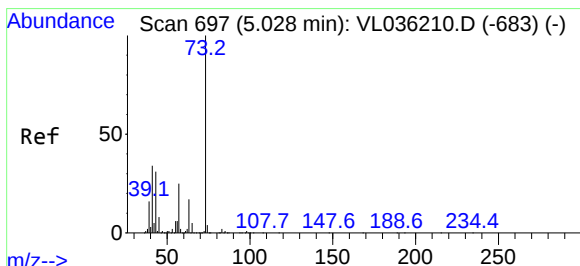
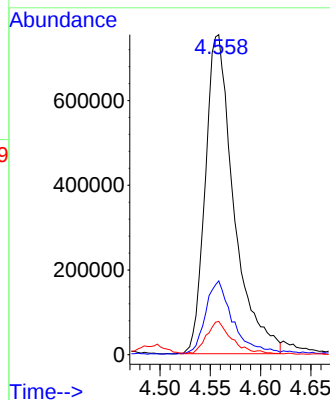
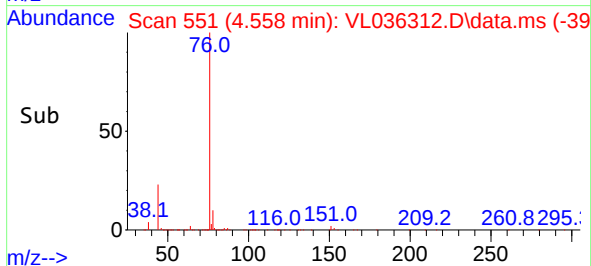


Tgt Ion: 76 Resp: 1484888

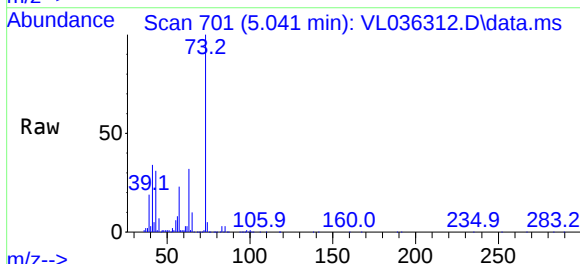
Ion	Ratio	Lower	Upper
76	100		
44	23.1	19.0	28.6
78	10.0	8.0	12.0

Manual Integrations
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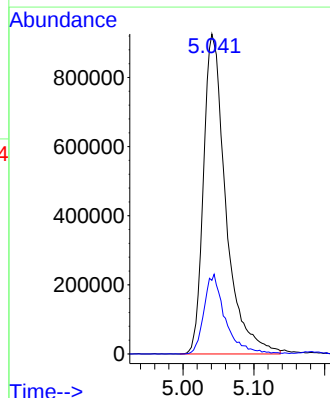
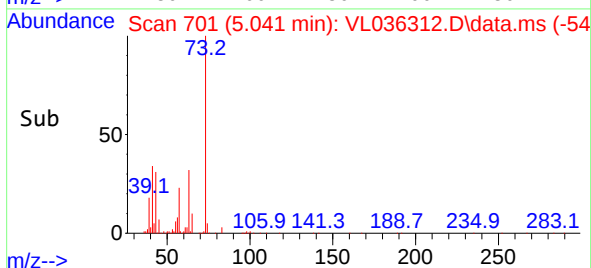


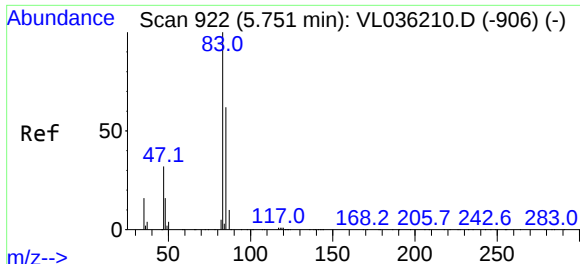
#28
Methyl tert-Butyl Ether
Concen: 9.58 ppbv
RT: 5.041 min Scan# 701
Delta R.T. 0.013 min
Lab File: VL036312.D
Acq: 4 Feb 2021 8:57



Tgt Ion: 73 Resp: 2030065

Ion	Ratio	Lower	Upper
73	100		
57	23.8	20.4	30.6





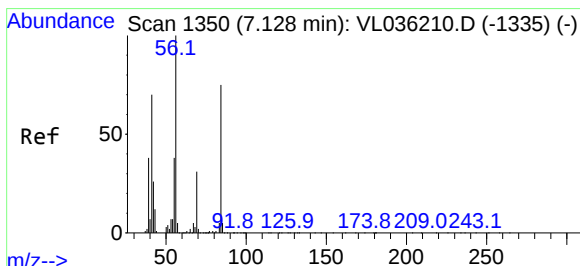
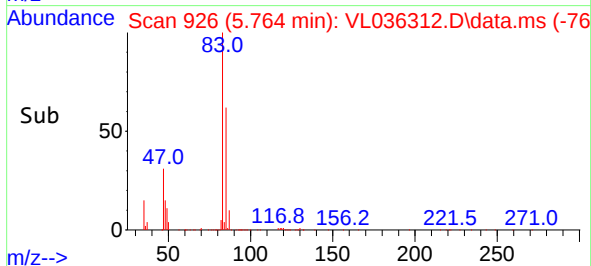
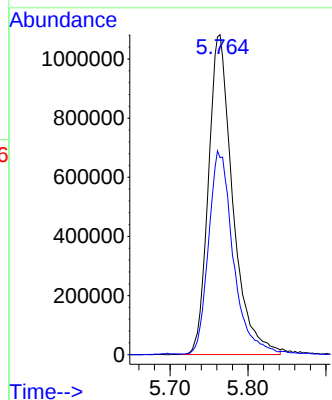
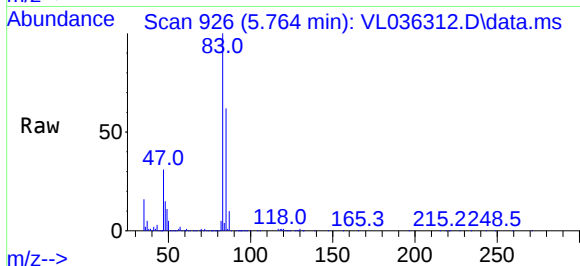
#29
Chloroform
Concen: 10.47 ppbv
RT: 5.764 min Scan# 926
Delta R.T. 0.013 min
Lab File: VL036312.D
Acq: 4 Feb 2021 8:57

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 83 Resp: 2348637
Ion Ratio Lower Upper
83 100
85 61.4 49.3 73.9

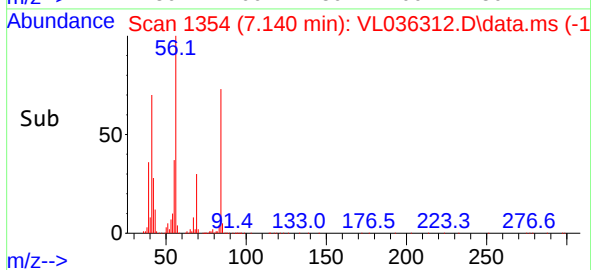
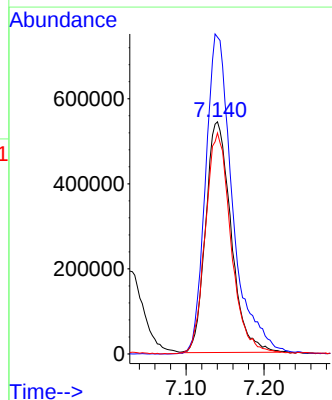
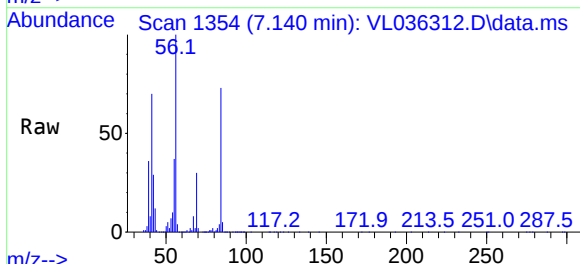
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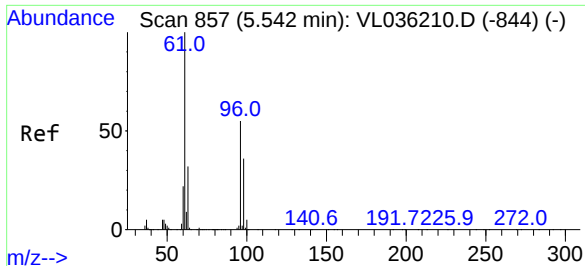
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#30
Cyclohexane
Concen: 10.29 ppbv
RT: 7.140 min Scan# 1354
Delta R.T. 0.013 min
Lab File: VL036312.D
Acq: 4 Feb 2021 8:57

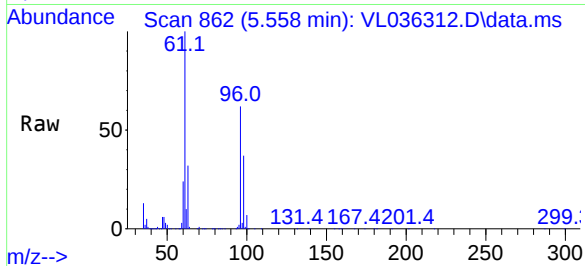
Tgt Ion: 84 Resp: 1232409
Ion Ratio Lower Upper
84 100
56 148.5 119.4 179.0
41 97.8 79.4 119.0





#31
cis-1,2-Dichloroethene
Concen: 10.16 ppbv
RT: 5.558 min Scan# 862
Delta R.T. 0.016 min
Lab File: VL036312.D
Acq: 4 Feb 2021 8:57

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

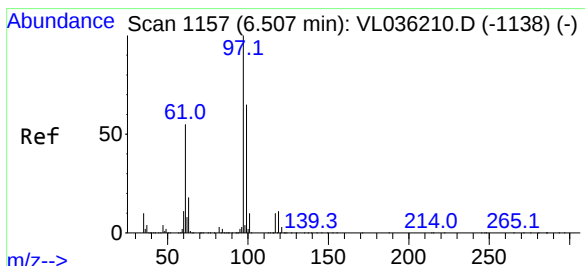
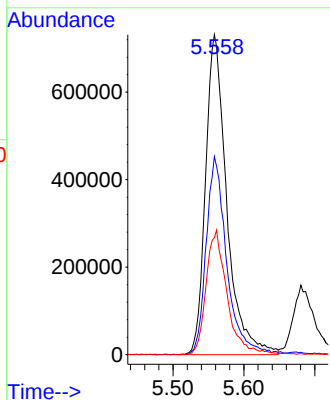
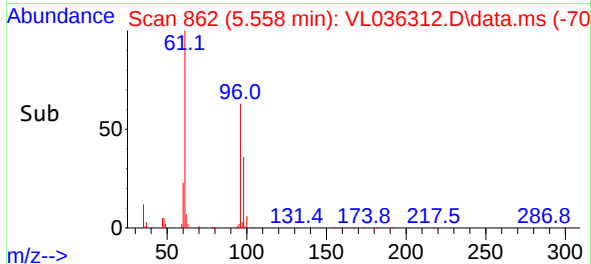


Tgt Ion: 61 Resp: 1521379

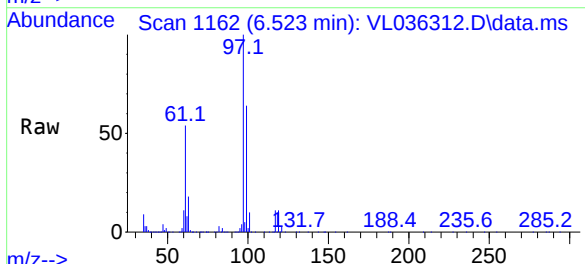
Ion	Ratio	Lower	Upper
61	100		
96	61.8	44.1	66.1
98	36.5	28.6	42.8

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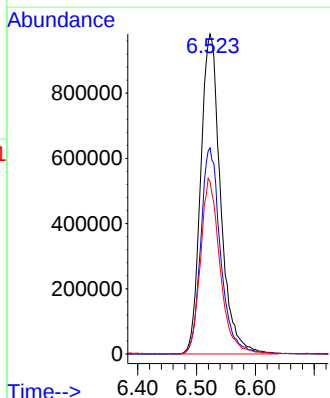
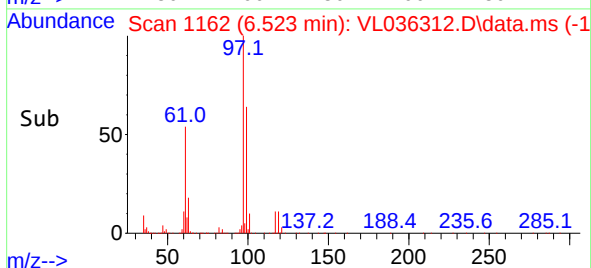


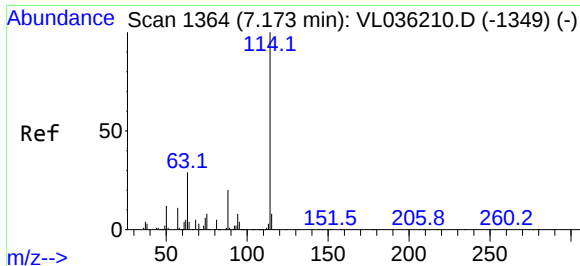
#32
1,1,1-Trichloroethane
Concen: 10.61 ppbv
RT: 6.523 min Scan# 1162
Delta R.T. 0.016 min
Lab File: VL036312.D
Acq: 4 Feb 2021 8:57



Tgt Ion: 97 Resp: 2301827

Ion	Ratio	Lower	Upper
97	100		
99	64.4	52.0	78.0
61	54.2	43.6	65.4





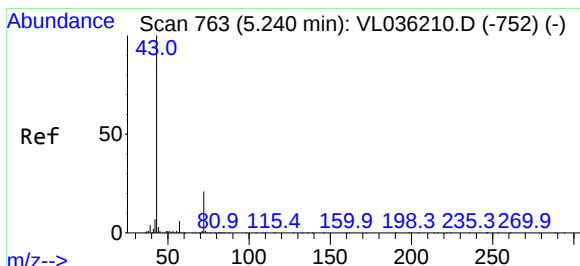
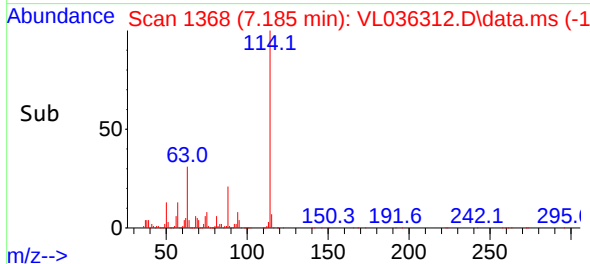
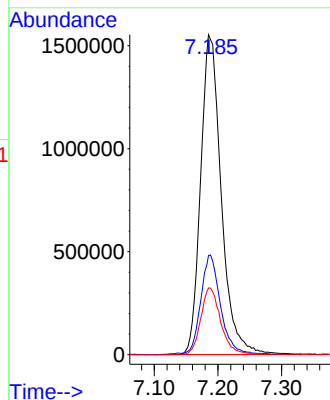
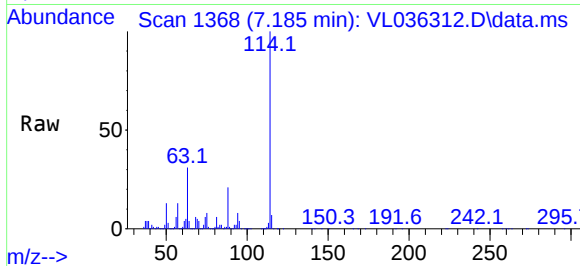
#33
1,4-Difluorobenzene
Concen: 10.00 ppbv
RT: 7.185 min Scan# 1368
Delta R.T. 0.013 min
Lab File: VL036312.D
Acq: 4 Feb 2021 8:57

Tgt Ion: 114 Resp: 3496950
Ion Ratio Lower Upper
114 100
63 30.4 24.7 37.1
88 20.3 16.6 24.8

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

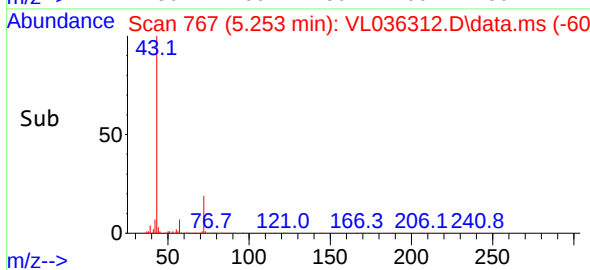
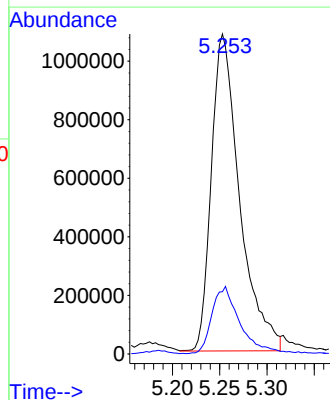
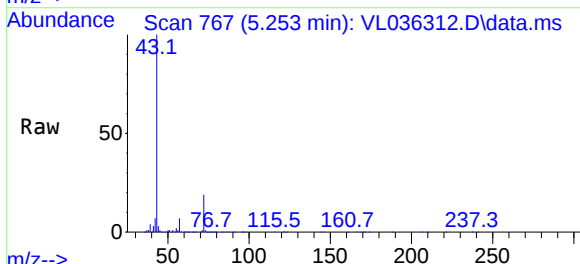
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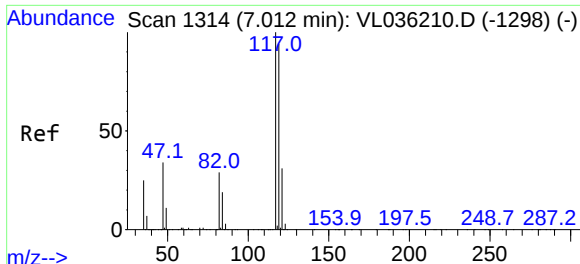
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#34
2-Butanone
Concen: 8.75 ppbv
RT: 5.253 min Scan# 767
Delta R.T. 0.013 min
Lab File: VL036312.D
Acq: 4 Feb 2021 8:57

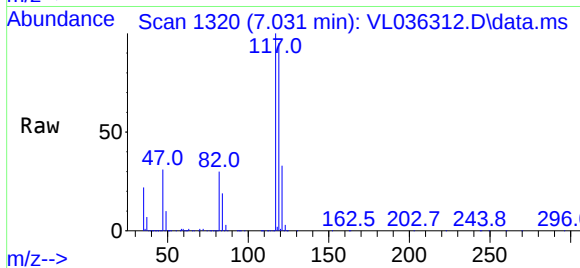
Tgt Ion: 43 Resp: 2254448
Ion Ratio Lower Upper
43 100
72 21.7 16.1 24.1





#35
Carbon Tetrachloride
Concen: 10.49 ppbv
RT: 7.031 min Scan# 1320
Delta R.T. 0.019 min
Lab File: VL036312.D
Acq: 4 Feb 2021 8:57

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

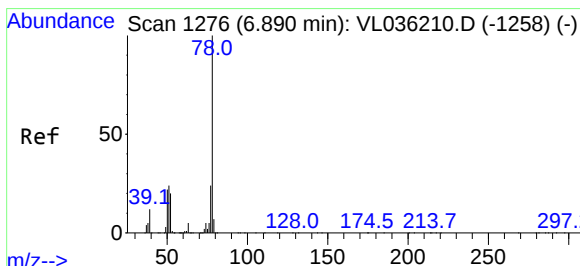
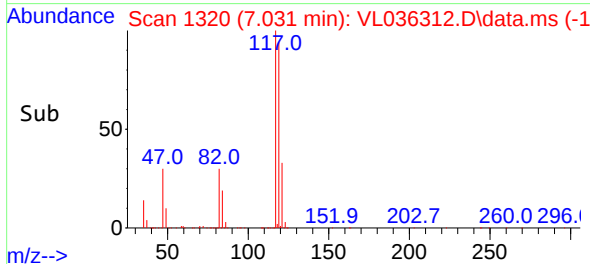
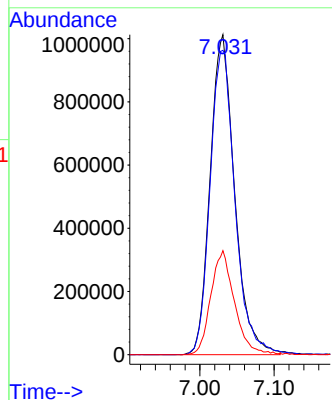


Tgt Ion:117 Resp: 2318669

Ion	Ratio	Lower	Upper
117	100		
119	95.1	74.9	112.3
121	32.5	25.0	37.6

Manual Integrations
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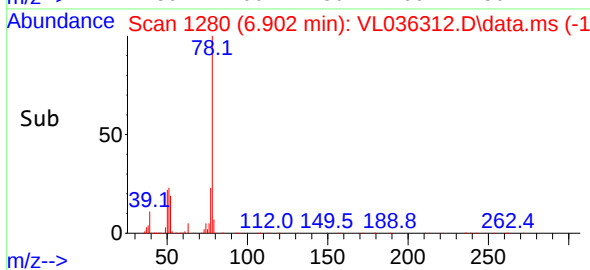
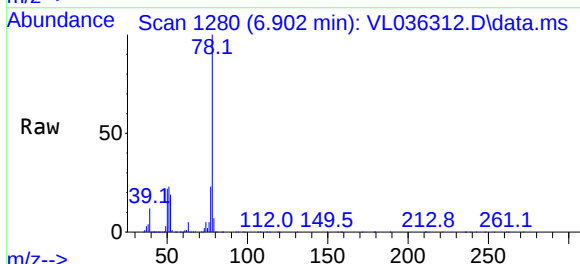
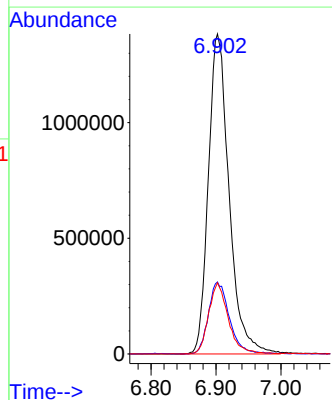
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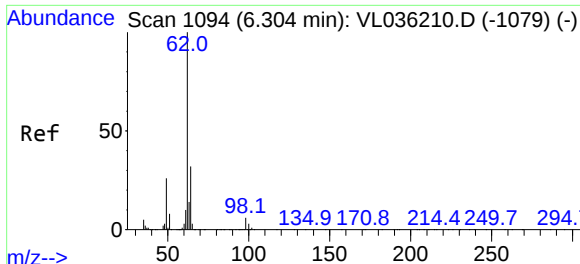


#36
Benzene
Concen: 9.56 ppbv
RT: 6.902 min Scan# 1280
Delta R.T. 0.013 min
Lab File: VL036312.D
Acq: 4 Feb 2021 8:57

Tgt Ion: 78 Resp: 3062157

Ion	Ratio	Lower	Upper
78	100		
77	22.5	19.4	29.0
50	22.3	17.4	26.2





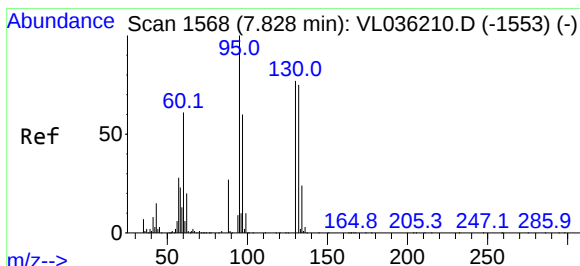
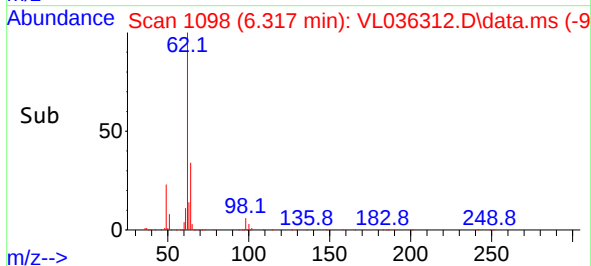
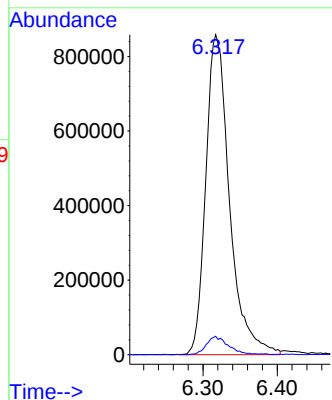
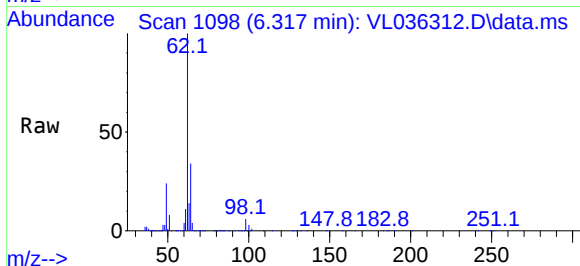
#37
1,2-Dichloroethane
Concen: 9.87 ppbv
RT: 6.317 min Scan# 1098
Delta R.T. 0.013 min
Lab File: VL036312.D
Acq: 4 Feb 2021 8:57

Tgt Ion: 62 Resp: 1903140
Ion Ratio Lower Upper
62 100
98 5.5 4.4 6.6

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

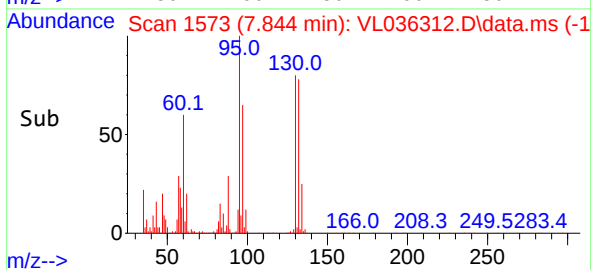
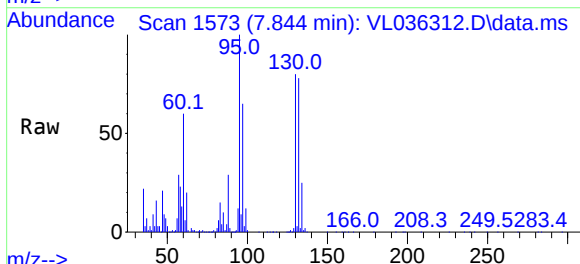
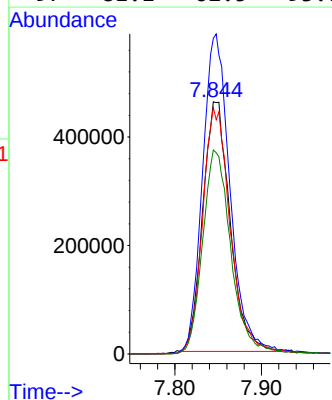
Manual Integrations
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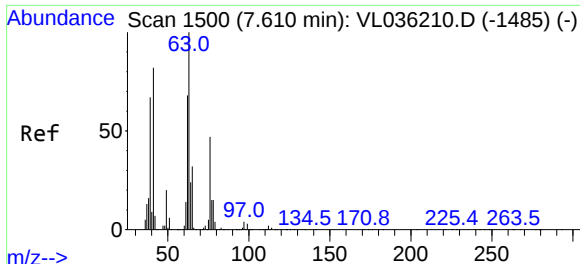
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#38
Trichloroethene
Concen: 8.49 ppbv
RT: 7.844 min Scan# 1573
Delta R.T. 0.016 min
Lab File: VL036312.D
Acq: 4 Feb 2021 8:57

Tgt Ion: 130 Resp: 1007652
Ion Ratio Lower Upper
130 100
95 125.3 103.9 155.9
132 98.0 77.4 116.2
97 81.1 62.5 93.7





#39
1,2-Dichloropropane
Concen: 9.34 ppbv
RT: 7.626 min Scan# 1505
Delta R.T. 0.016 min
Lab File: VL036312.D
Acq: 4 Feb 2021 8:57

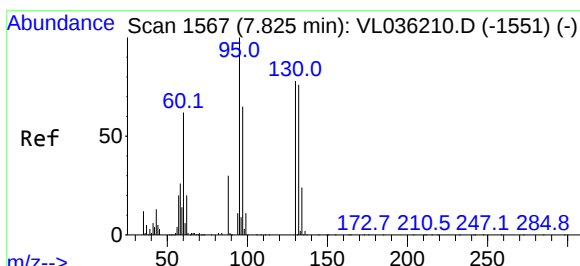
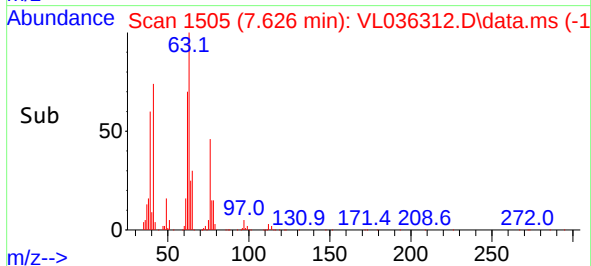
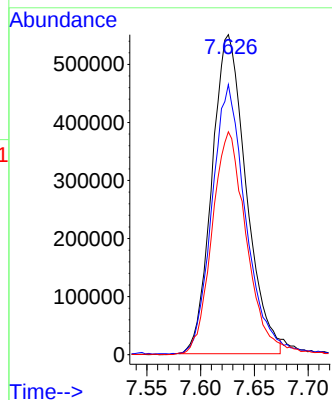
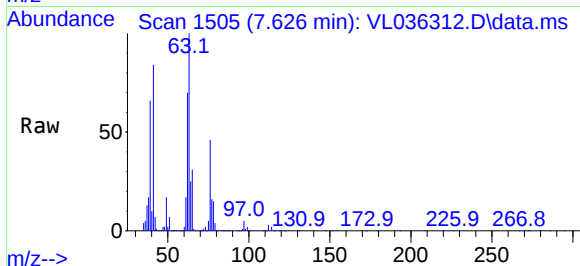
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 63 Resp: 1215336

Ion	Ratio	Lower	Upper
63	100		
41	84.1	66.1	99.1
62	69.3	54.8	82.2

Manual Integrations
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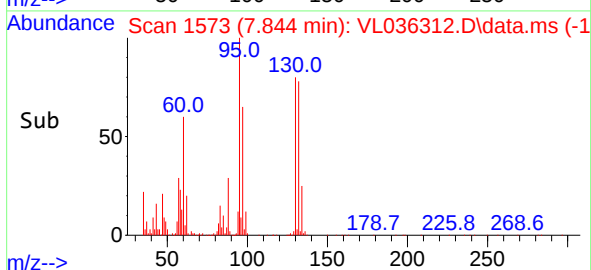
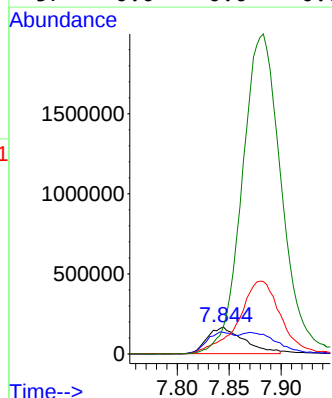
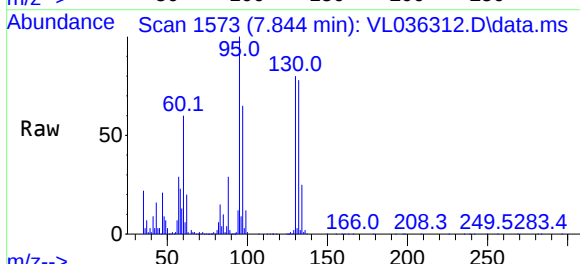
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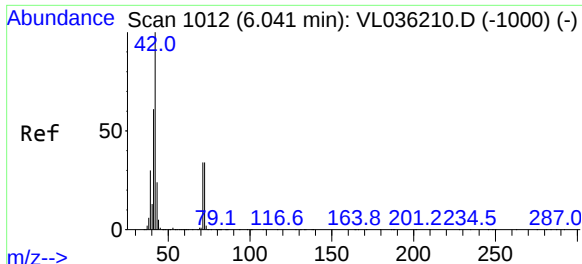


#40
1,4-Dioxane
Concen: 8.67 ppbv
RT: 7.844 min Scan# 1573
Delta R.T. 0.019 min
Lab File: VL036312.D
Acq: 4 Feb 2021 8:57

Tgt Ion: 88 Resp: 408129

Ion	Ratio	Lower	Upper
88	100		
58	146.0	123.0	184.6
43	0.0	0.0	0.0
57	0.0	0.0	0.0





#41
Tetrahydrofuran
Concen: 8.97 ppbv
RT: 6.057 min Scan# 1017
Delta R.T. 0.016 min
Lab File: VL036312.D
Acq: 4 Feb 2021 8:57

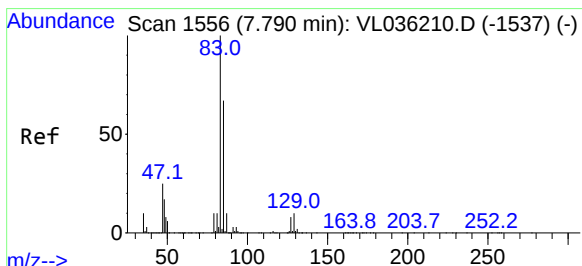
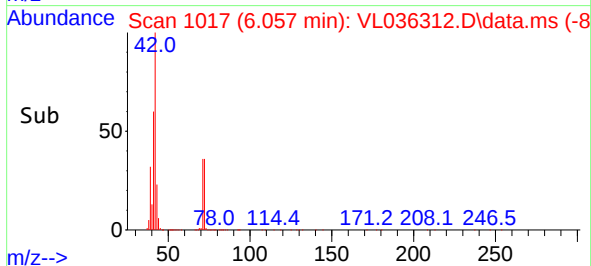
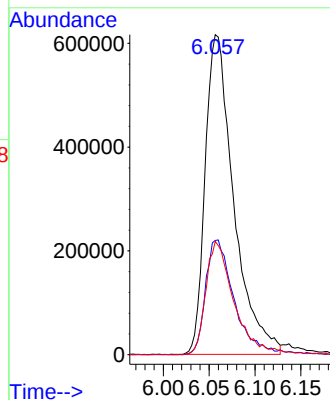
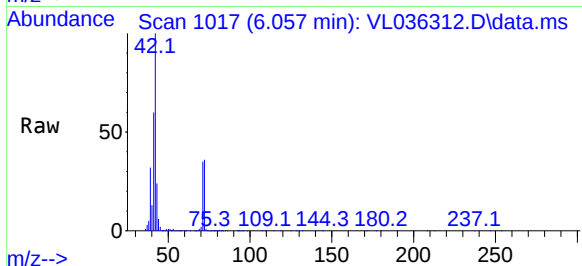
Tgt Ion: 42 Resp: 1335551

Ion	Ratio	Lower	Upper
42	100		
72	36.6	29.5	44.3
71	35.4	29.1	43.7

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Manual Integrations
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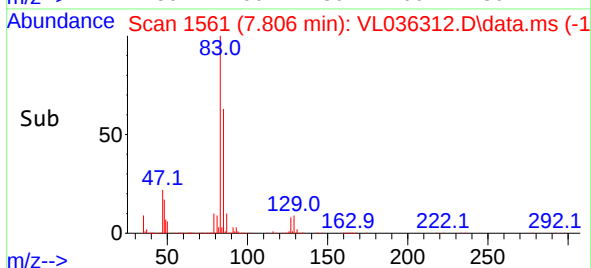
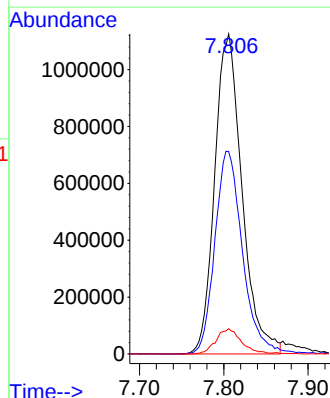
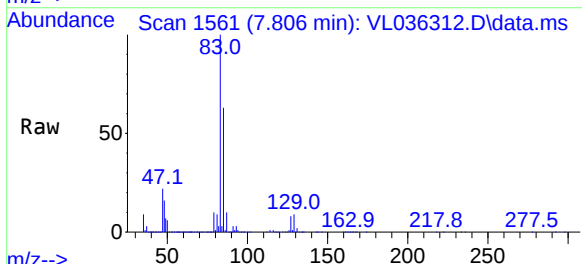
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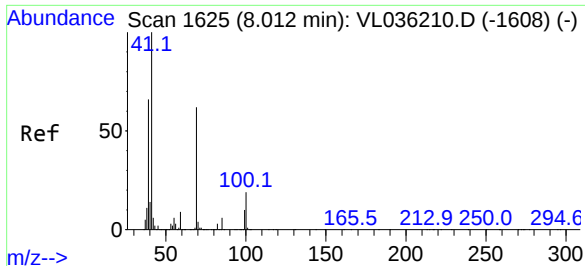


#42
Bromodichloromethane
Concen: 10.46 ppbv
RT: 7.806 min Scan# 1561
Delta R.T. 0.016 min
Lab File: VL036312.D
Acq: 4 Feb 2021 8:57

Tgt Ion: 83 Resp: 2534458

Ion	Ratio	Lower	Upper
83	100		
85	63.3	53.4	80.2
127	7.9	6.2	9.2





#43
Methyl Methacrylate
Concen: 10.00 ppbv
RT: 8.024 min Scan# 1629
Delta R.T. 0.013 min
Lab File: VL036312.D
Acq: 4 Feb 2021 8:57

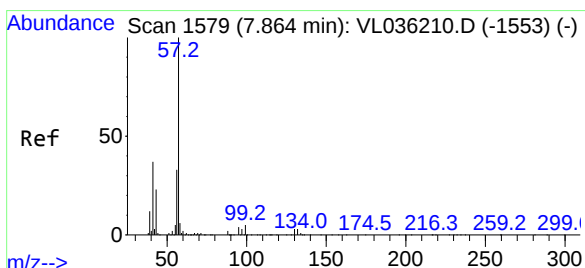
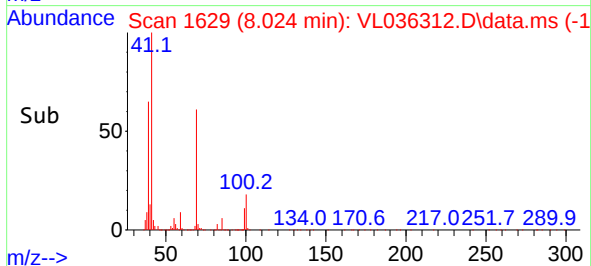
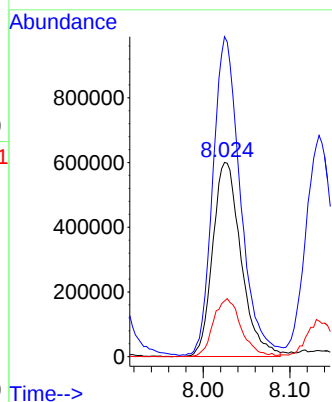
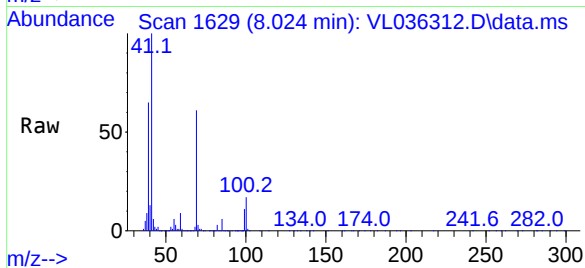
Tgt Ion: 69 Resp: 1361072

Ion	Ratio	Lower	Upper
69	100		
41	160.9	133.4	200.2
100	29.4	24.3	36.5

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Manual Integrations
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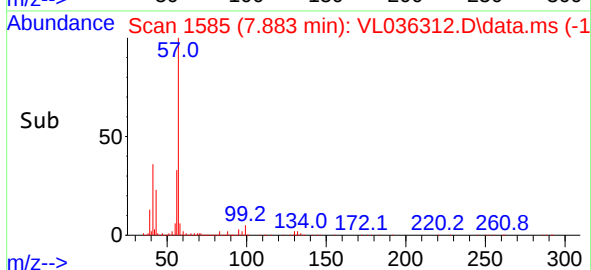
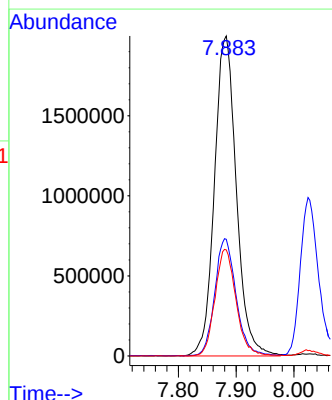
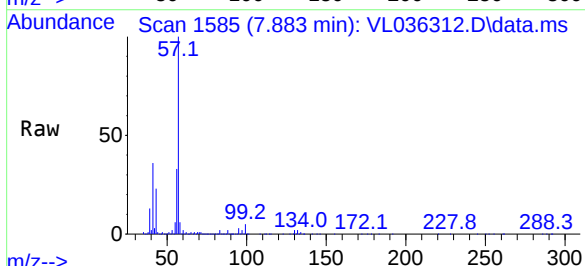
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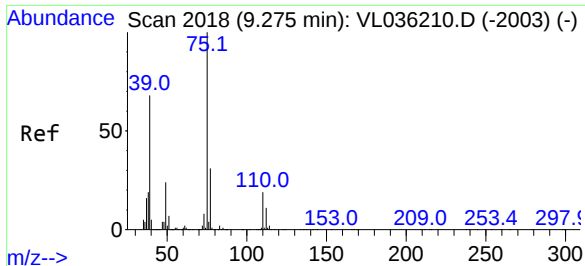


#44
2,2,4-Trimethylpentane
Concen: 8.95 ppbv
RT: 7.883 min Scan# 1585
Delta R.T. 0.019 min
Lab File: VL036312.D
Acq: 4 Feb 2021 8:57

Tgt Ion: 57 Resp: 5269645

Ion	Ratio	Lower	Upper
57	100		
41	35.5	28.5	42.7
56	32.0	25.5	38.3





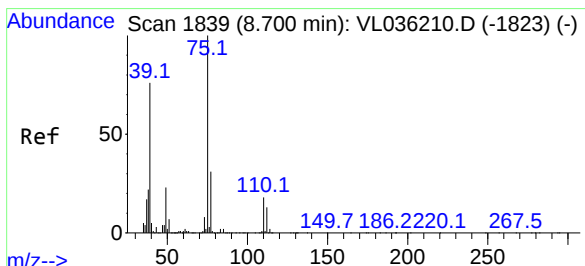
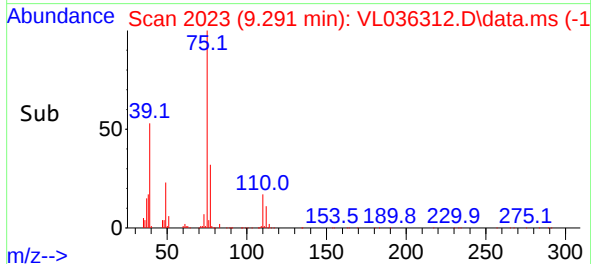
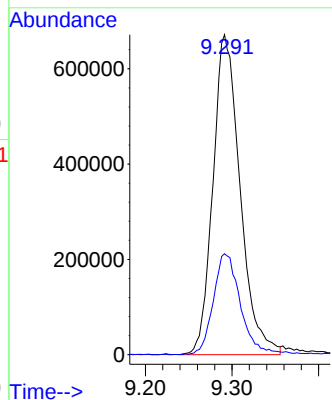
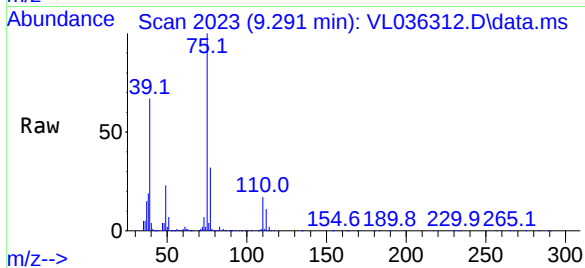
#45
t-1,3-Dichloropropene
Concen: 11.31 ppbv
RT: 9.291 min Scan# 2023
Delta R.T. 0.016 min
Lab File: VL036312.D
Acq: 4 Feb 2021 8:57

Tgt Ion: 75 Resp: 1462730
Ion Ratio Lower Upper
75 100
77 31.6 24.7 37.1

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

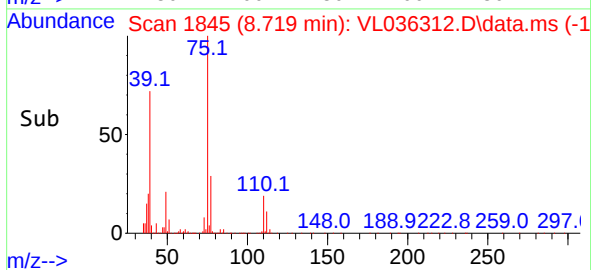
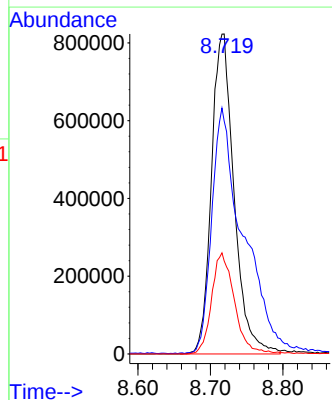
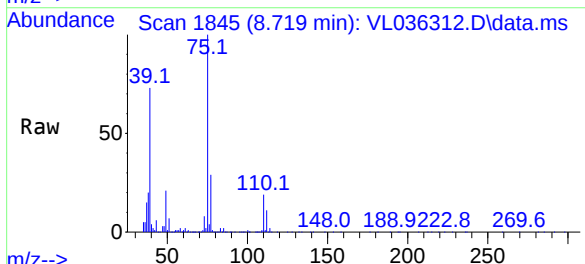
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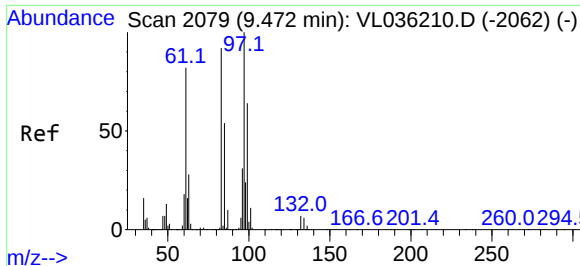
MMDadoda
2/4/2021 5:15:20 PM



#46
cis-1,3-Dichloropropene
Concen: 10.73 ppbv
RT: 8.719 min Scan# 1845
Delta R.T. 0.019 min
Lab File: VL036312.D
Acq: 4 Feb 2021 8:57

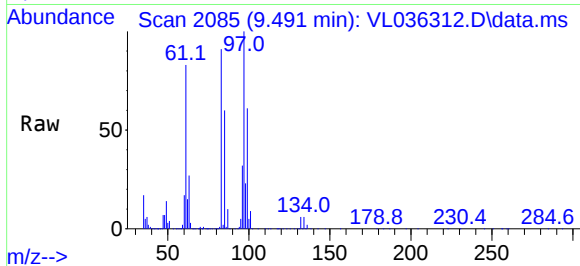
Tgt Ion: 75 Resp: 1783503
Ion Ratio Lower Upper
75 100
39 72.5 61.2 91.8
77 29.0 24.6 37.0





#47
1,1,2-Trichloroethane
Concen: 9.77 ppbv
RT: 9.491 min Scan# 2085
Delta R.T. 0.019 min
Lab File: VL036312.D
Acq: 4 Feb 2021 8:57

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

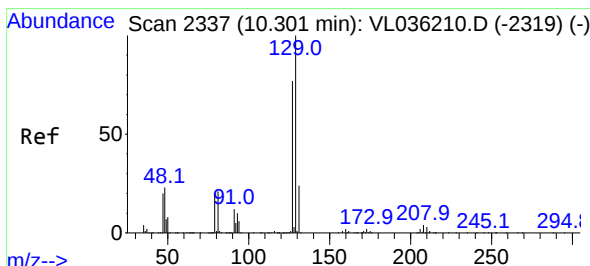
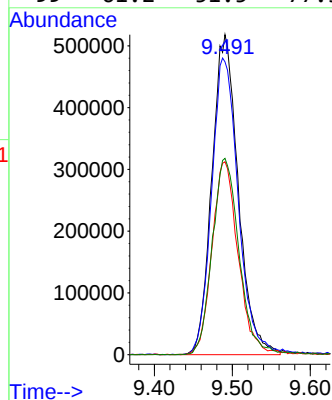
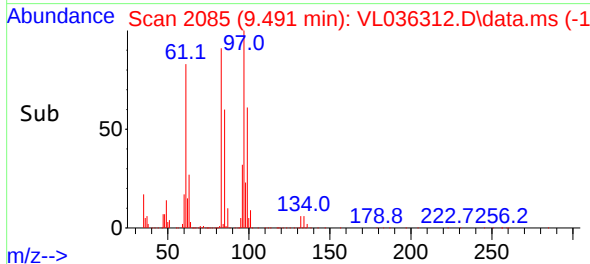


Tgt Ion: 97 Resp: 1216411

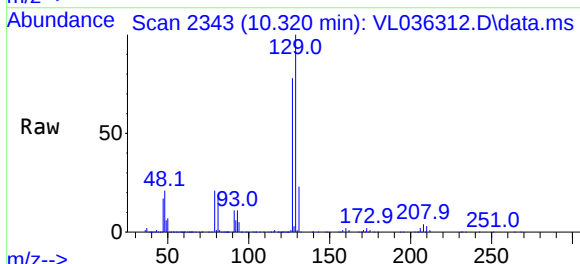
Ion	Ratio	Lower	Upper
97	100		
83	91.4	73.3	109.9
85	60.2	43.2	64.8
99	61.2	51.5	77.3

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2/4/2021 5:15:20 PM

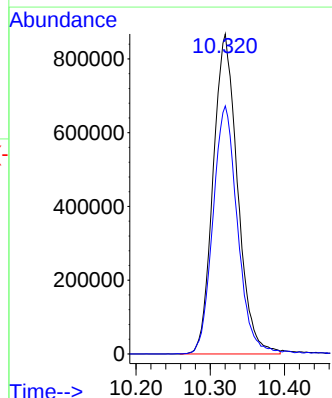
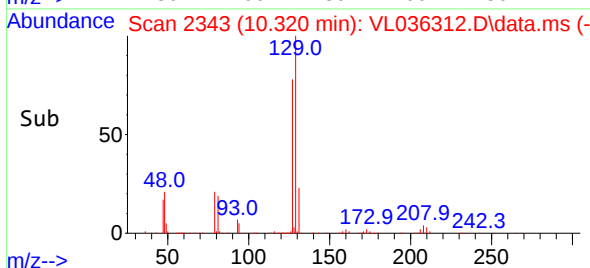


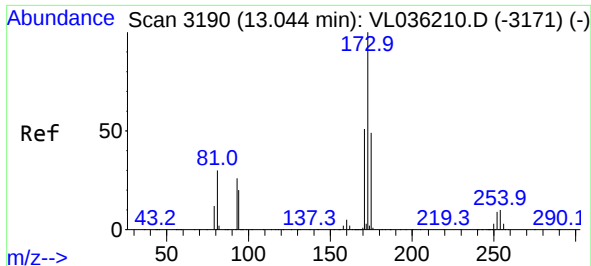
#48
Dibromochloromethane
Concen: 10.90 ppbv
RT: 10.320 min Scan# 2343
Delta R.T. 0.019 min
Lab File: VL036312.D
Acq: 4 Feb 2021 8:57



Tgt Ion: 129 Resp: 1983888

Ion	Ratio	Lower	Upper
129	100		
127	78.5	39.6	118.8





#49
Bromoform
Concen: 10.68 ppbv
RT: 13.056 min Scan# 3194
Delta R.T. 0.013 min
Lab File: VL036312.D
Acq: 4 Feb 2021 8:57

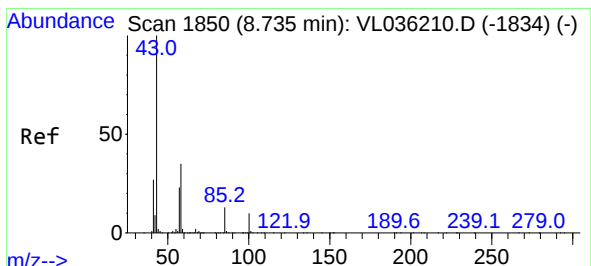
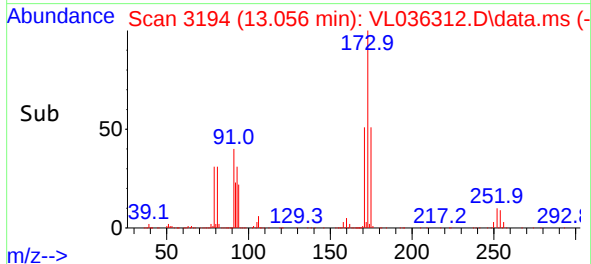
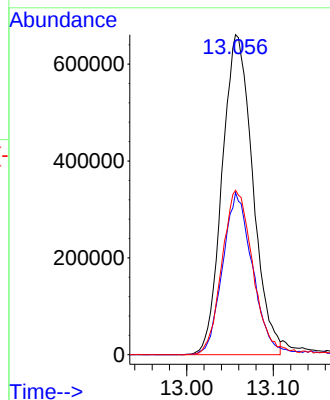
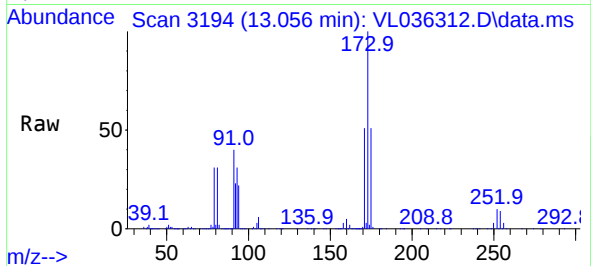
Tgt Ion: 173 Resp: 1623683

Ion	Ratio	Lower	Upper
173	100		
175	50.9	40.7	61.1
171	53.4	43.0	64.6

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Manual Integrations
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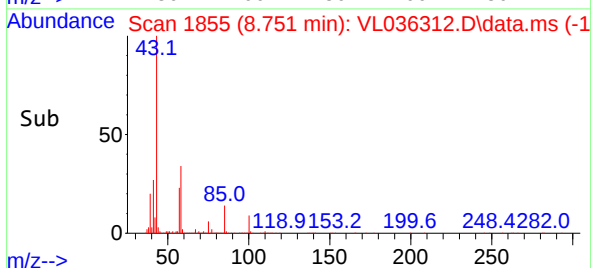
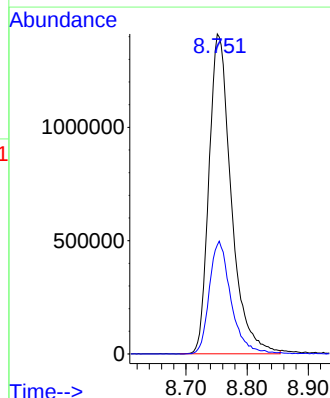
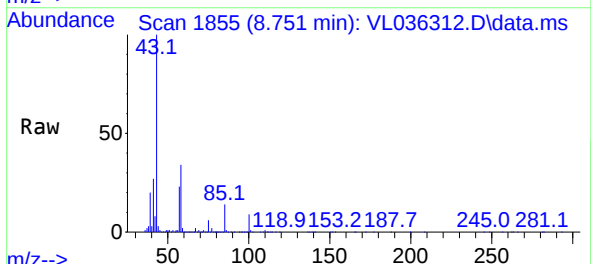
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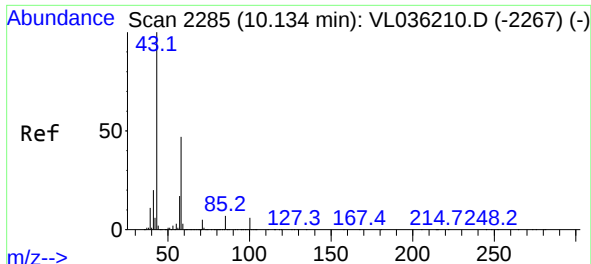


#50
4-Methyl-2-Pentanone
Concen: 9.29 ppbv
RT: 8.751 min Scan# 1855
Delta R.T. 0.016 min
Lab File: VL036312.D
Acq: 4 Feb 2021 8:57

Tgt Ion: 43 Resp: 3569106

Ion	Ratio	Lower	Upper
43	100		
58	34.5	27.6	41.4





#51
2-Hexanone
Concen: 9.67 ppbv
RT: 10.147 min Scan# 2289
Delta R.T. 0.013 min
Lab File: VL036312.D
Acq: 4 Feb 2021 8:57

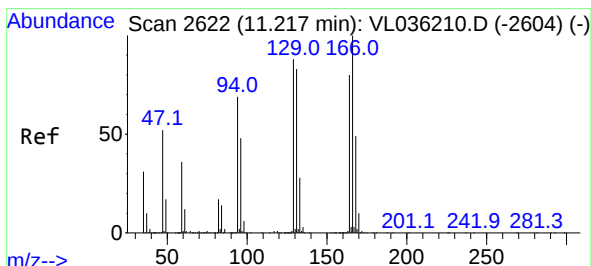
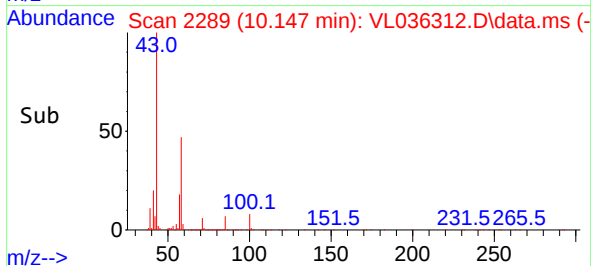
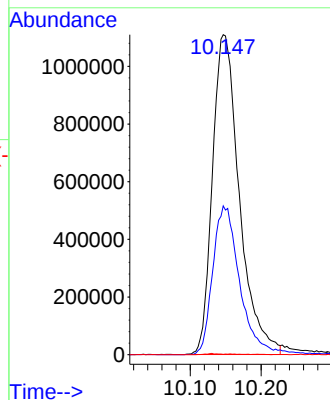
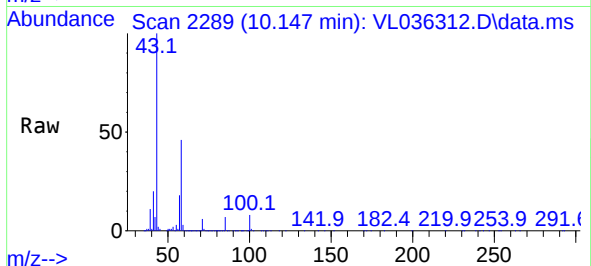
Tgt Ion: 43 Resp: 2929401

Ion	Ratio	Lower	Upper
43	100		
58	47.1	37.4	56.0
98	0.3	0.2	0.2#

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

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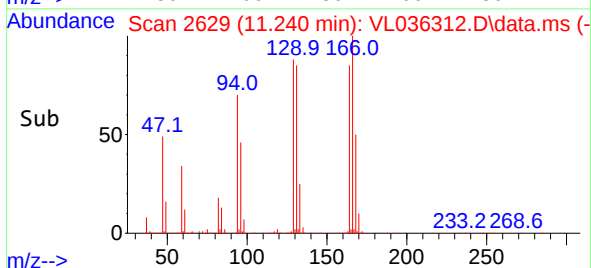
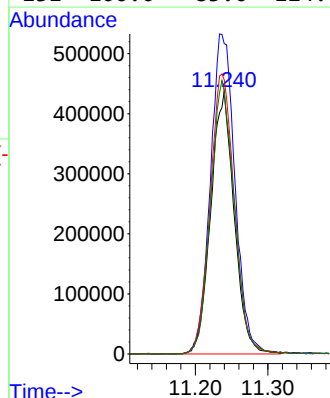
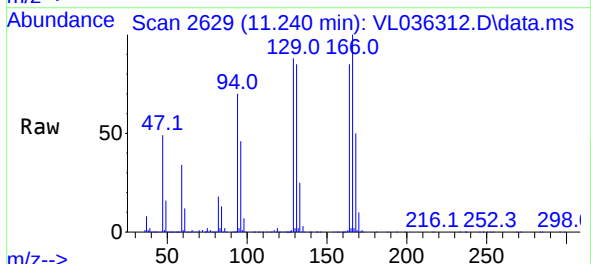
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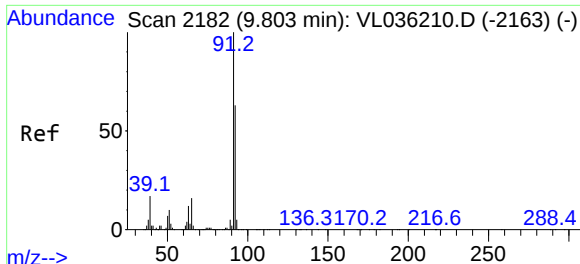


#52
Tetrachloroethene
Concen: 8.28 ppbv
RT: 11.240 min Scan# 2629
Delta R.T. 0.022 min
Lab File: VL036312.D
Acq: 4 Feb 2021 8:57

Tgt Ion: 164 Resp: 977600

Ion	Ratio	Lower	Upper
164	100		
166	118.1	99.9	149.9
129	104.3	88.2	132.4
131	100.0	83.0	124.6





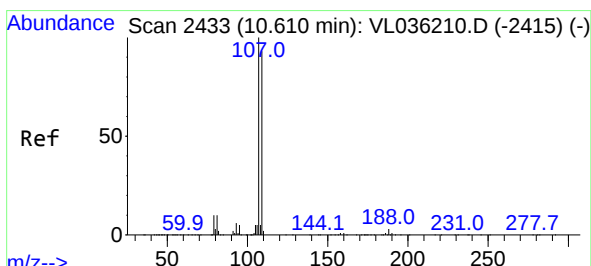
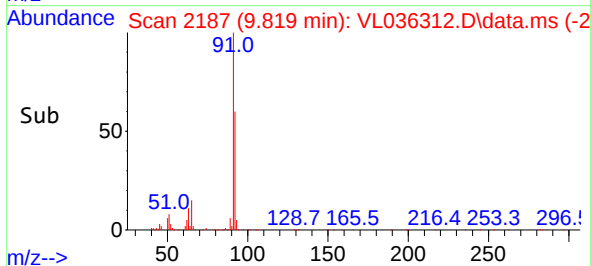
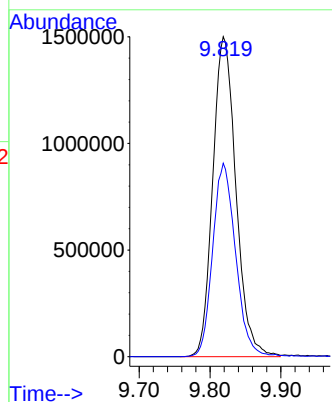
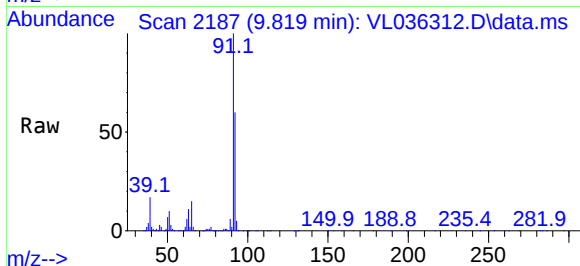
#53
Toluene
Concen: 9.50 ppbv
RT: 9.819 min Scan# 2187
Delta R.T. 0.016 min
Lab File: VL036312.D
Acq: 4 Feb 2021 8:57

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 91 Resp: 3405582
Ion Ratio Lower Upper
91 100
92 60.0 48.5 72.7

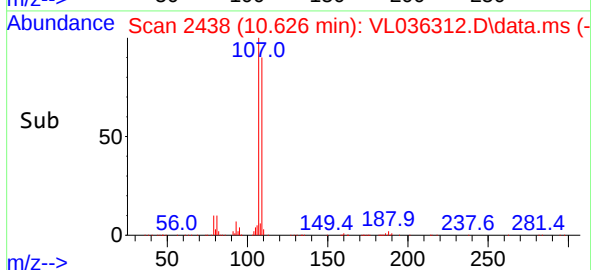
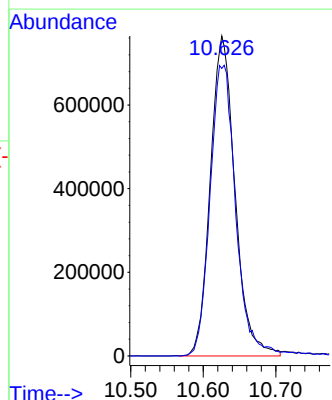
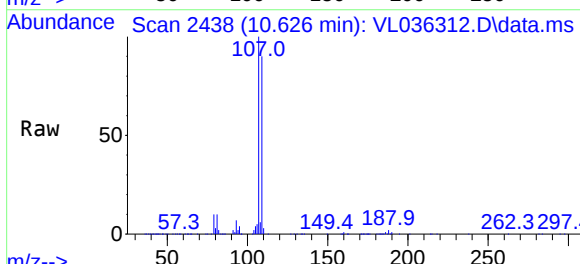
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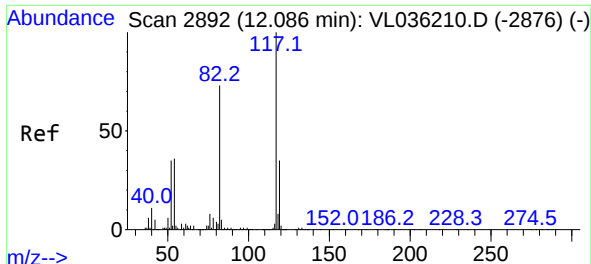
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2/4/2021 5:15:20 PM



#54
1,2-Dibromoethane
Concen: 9.80 ppbv
RT: 10.626 min Scan# 2438
Delta R.T. 0.016 min
Lab File: VL036312.D
Acq: 4 Feb 2021 8:57

Tgt Ion: 107 Resp: 1807582
Ion Ratio Lower Upper
107 100
109 89.9 74.5 111.7





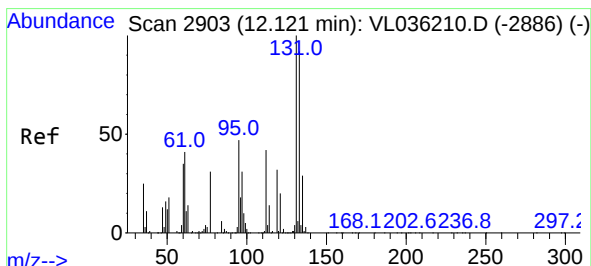
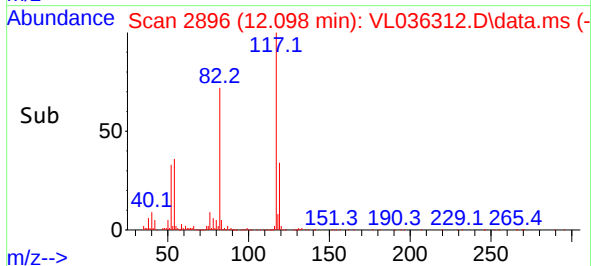
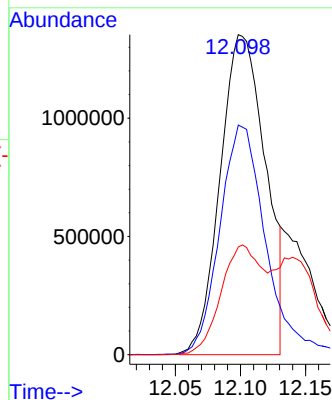
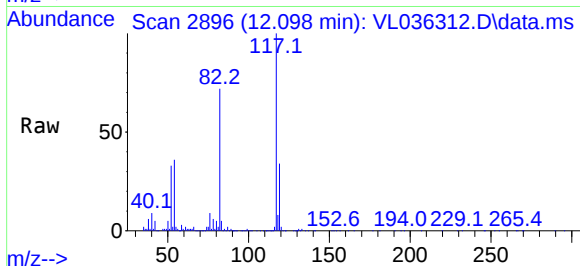
#55
Chlorobenzene-d5
Concen: 10.00 ppbv m
RT: 12.098 min Scan# 2896
Delta R.T. 0.013 min
Lab File: VL036312.D
Acq: 4 Feb 2021 8:57

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion:117 Resp: 3280063
Ion Ratio Lower Upper
117 100
82 73.9 59.7 89.5
119 35.6 28.6 43.0

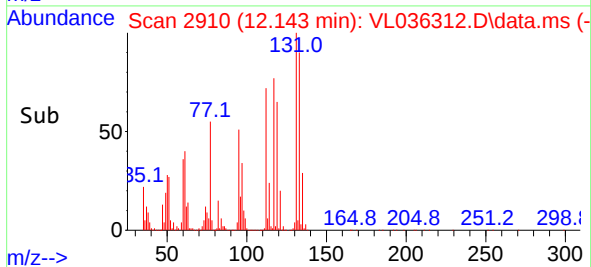
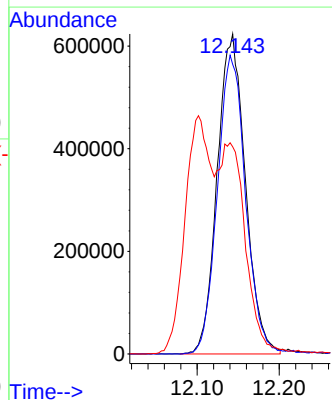
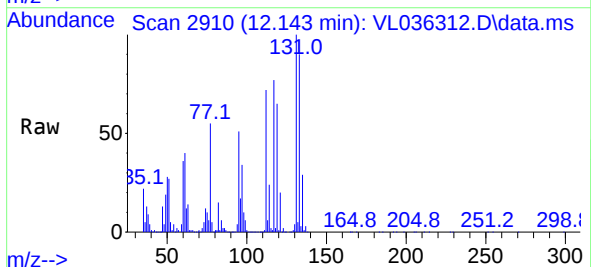
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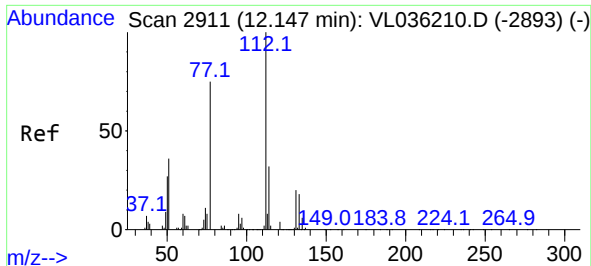
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2/4/2021 5:15:20 PM



#56
1,1,1,2-Tetrachloroethane
Concen: 10.15 ppbv
RT: 12.143 min Scan# 2910
Delta R.T. 0.022 min
Lab File: VL036312.D
Acq: 4 Feb 2021 8:57

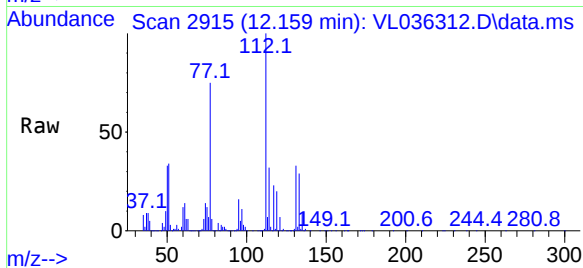
Tgt Ion:131 Resp: 1485955
Ion Ratio Lower Upper
131 100
133 94.3 76.5 114.7
119 60.5 45.4 68.0





#57
Chlorobenzene
Concen: 9.36 ppbv
RT: 12.159 min Scan# 2915
Delta R.T. 0.013 min
Lab File: VL036312.D
Acq: 4 Feb 2021 8:57

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

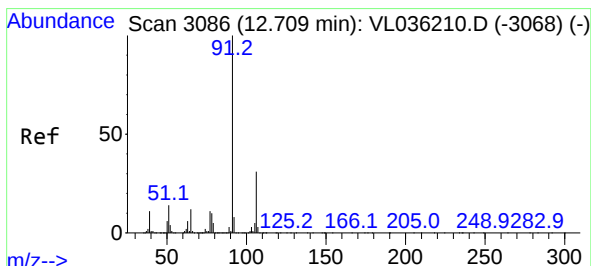
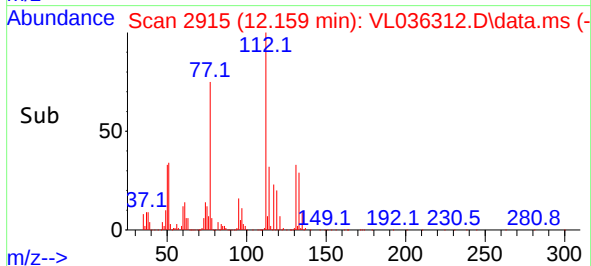
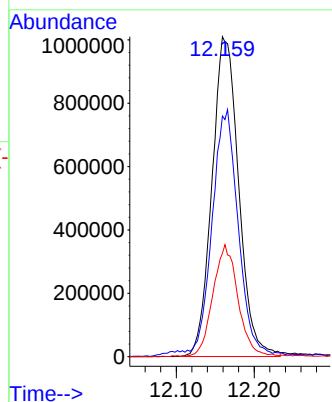


Tgt Ion: 112 Resp: 2408088

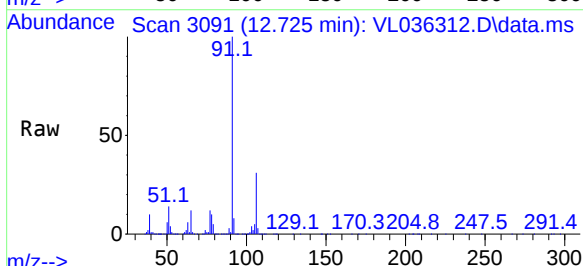
Ion	Ratio	Lower	Upper
112	100		
77	74.0	59.6	89.4
114	32.2	28.7	35.1

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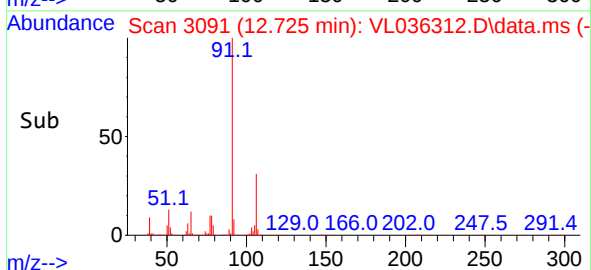
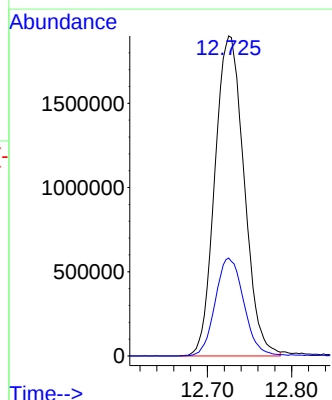


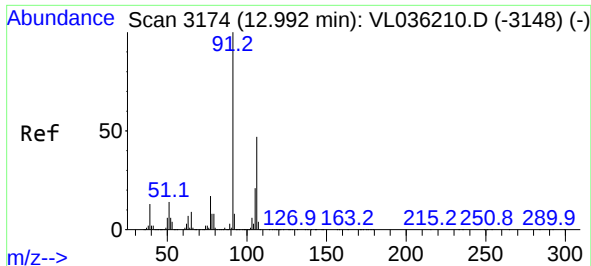
#58
Ethyl Benzene
Concen: 9.39 ppbv
RT: 12.725 min Scan# 3091
Delta R.T. 0.016 min
Lab File: VL036312.D
Acq: 4 Feb 2021 8:57



Tgt Ion: 91 Resp: 4569827

Ion	Ratio	Lower	Upper
91	100		
106	30.6	24.8	37.2





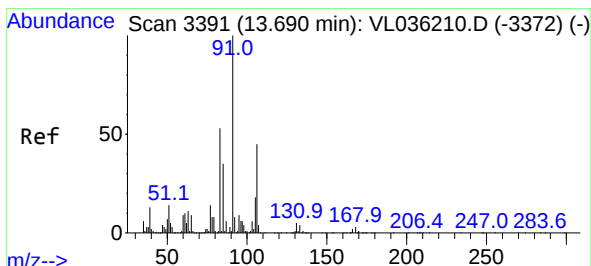
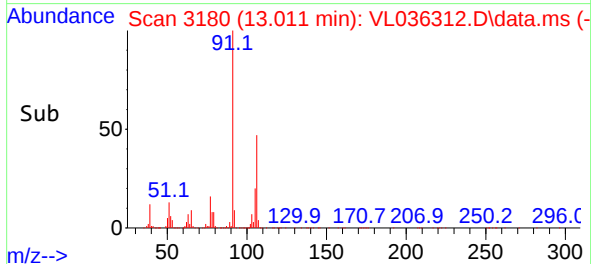
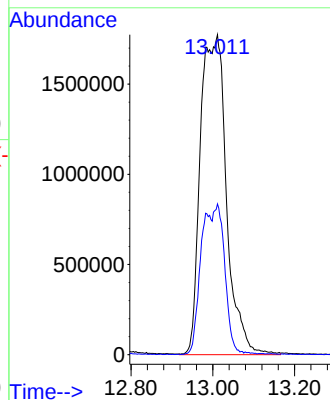
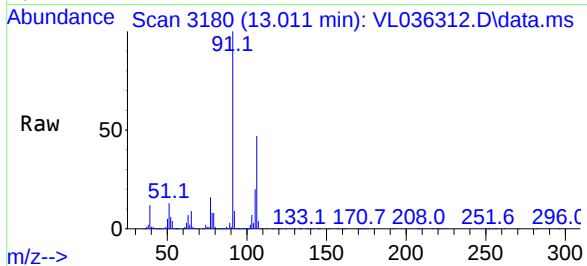
#59
m/p-Xylene
Concen: 18.73 ppbv m
RT: 13.011 min Scan# 3180
Delta R.T. 0.019 min
Lab File: VL036312.D
Acq: 4 Feb 2021 8:57

Tgt Ion: 91 Resp: 7835513
Ion Ratio Lower Upper
91 100
106 42.6 34.6 51.8

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

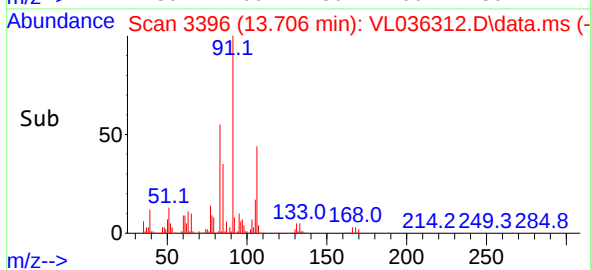
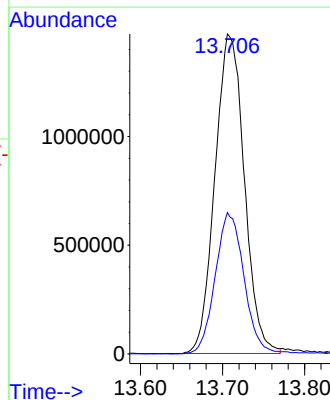
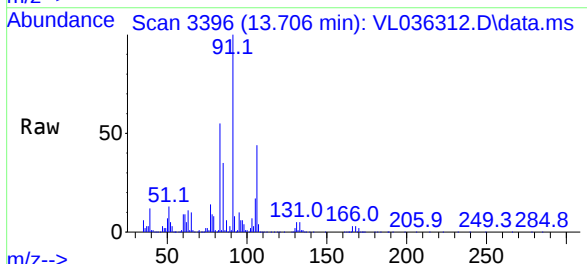
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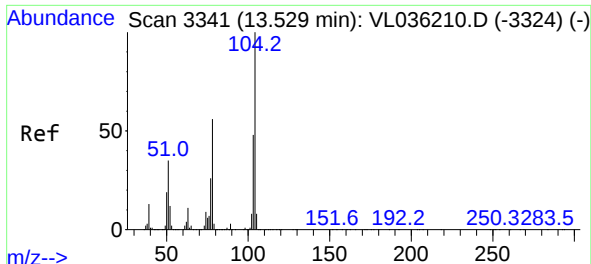
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2/4/2021 5:15:20 PM



#60
o-Xylene
Concen: 9.06 ppbv
RT: 13.706 min Scan# 3396
Delta R.T. 0.016 min
Lab File: VL036312.D
Acq: 4 Feb 2021 8:57

Tgt Ion: 91 Resp: 3653029
Ion Ratio Lower Upper
91 100
106 43.9 21.9 65.8





#61
Styrene
Concen: 10.10 ppbv
RT: 13.542 min Scan# 3345
Delta R.T. 0.013 min
Lab File: VL036312.D
Acq: 4 Feb 2021 8:57

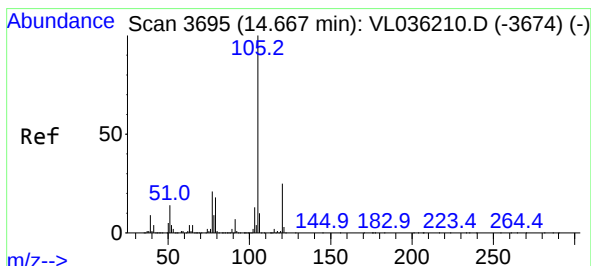
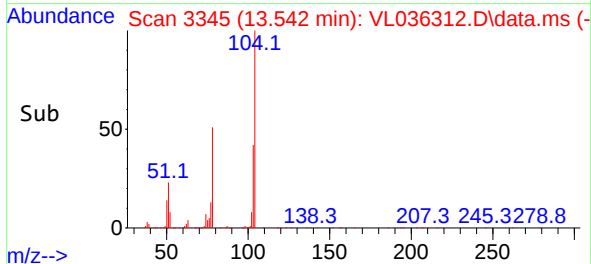
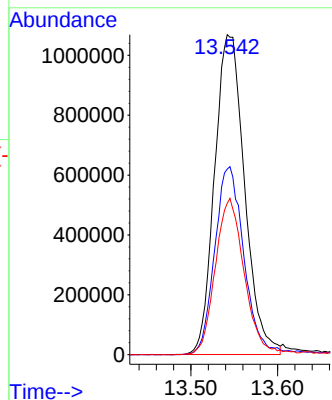
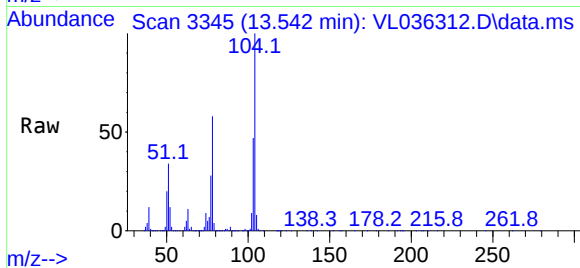
Tgt Ion:104 Resp: 2571953

Ion	Ratio	Lower	Upper
104	100		
78	57.9	46.8	70.2
103	47.9	38.4	57.6

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

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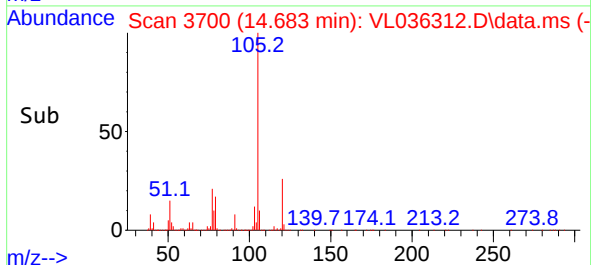
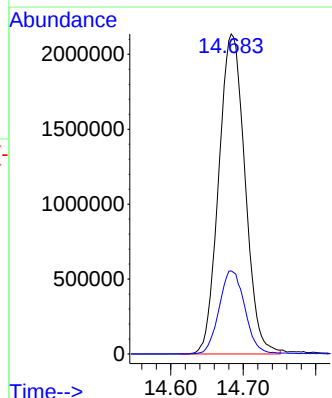
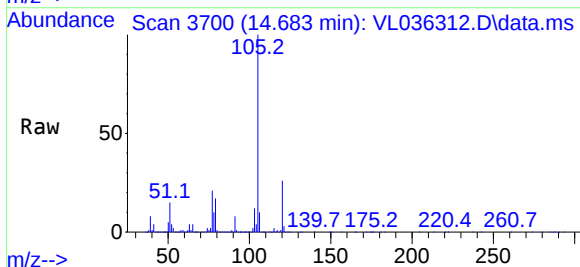
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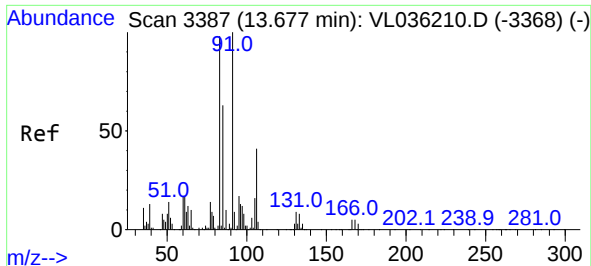


#62
Isopropylbenzene
Concen: 8.97 ppbv
RT: 14.683 min Scan# 3700
Delta R.T. 0.016 min
Lab File: VL036312.D
Acq: 4 Feb 2021 8:57

Tgt Ion:105 Resp: 5373957

Ion	Ratio	Lower	Upper
105	100		
120	25.7	20.3	30.5





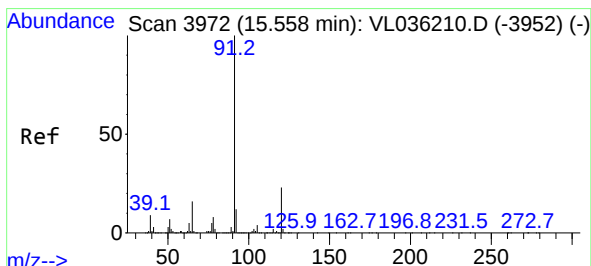
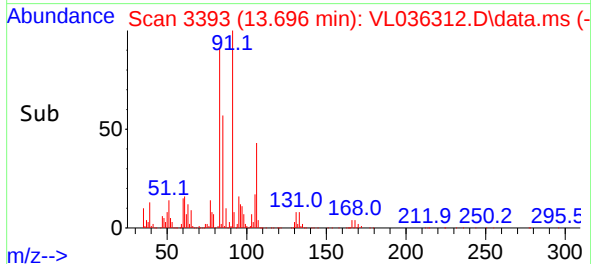
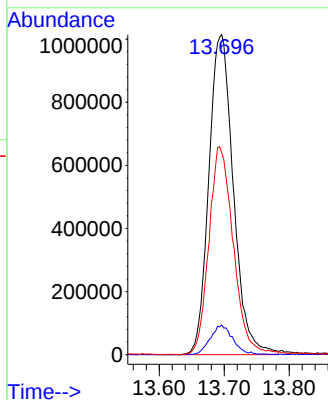
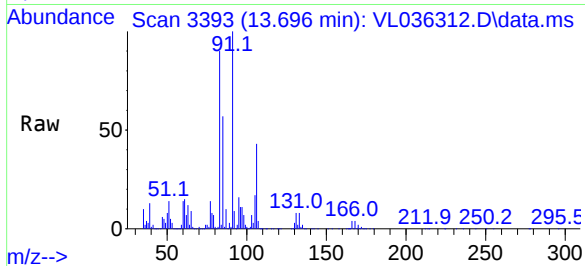
#63
1,1,2,2-Tetrachloroethane
Concen: 8.84 ppbv
RT: 13.696 min Scan# 3393
Delta R.T. 0.019 min
Lab File: VL036312.D
Acq: 4 Feb 2021 8:57

Tgt Ion: 83 Resp: 2653592
Ion Ratio Lower Upper
83 100
131 8.7 4.5 13.5
85 65.3 33.1 99.3

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

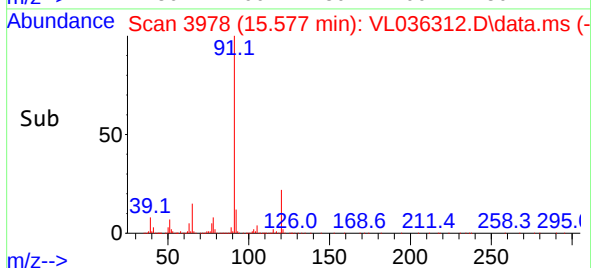
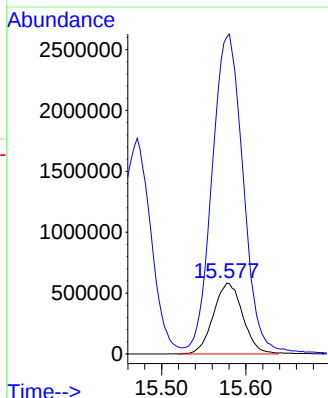
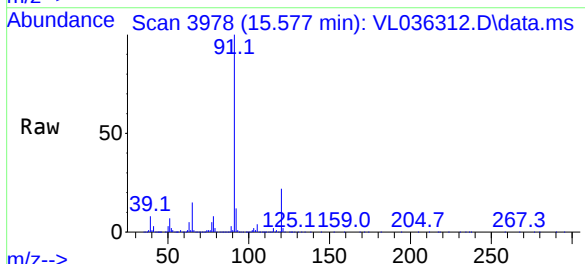
Manual Integrations
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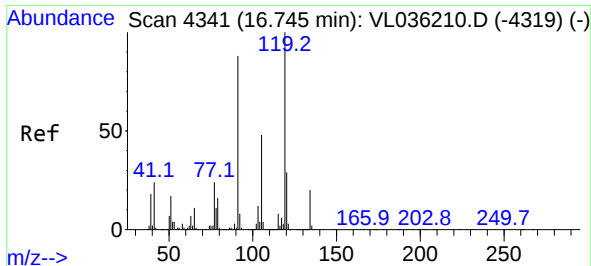
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#64
n-propylbenzene
Concen: 9.54 ppbv
RT: 15.577 min Scan# 3978
Delta R.T. 0.019 min
Lab File: VL036312.D
Acq: 4 Feb 2021 8:57

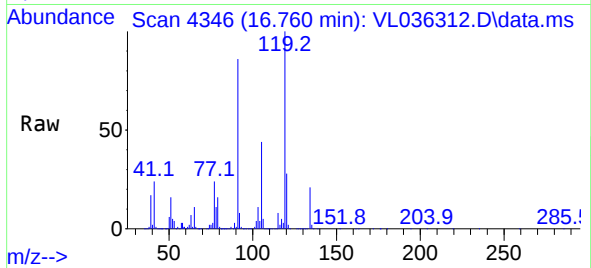
Tgt Ion: 120 Resp: 1404727
Ion Ratio Lower Upper
120 100
91 482.5 391.8 587.6





#65
tert-Butylbenzene
Concen: 8.92 ppbv
RT: 16.760 min Scan# 4346
Delta R.T. 0.016 min
Lab File: VL036312.D
Acq: 4 Feb 2021 8:57

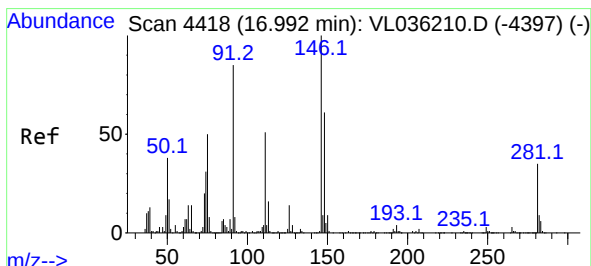
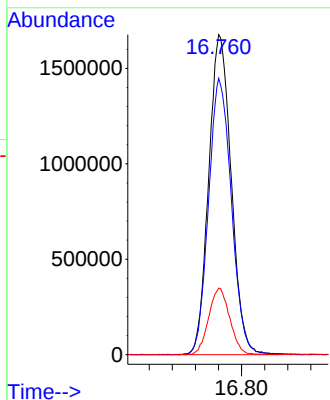
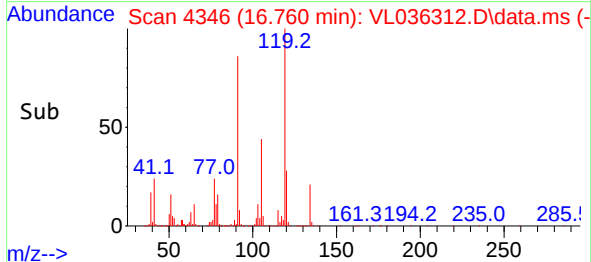
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



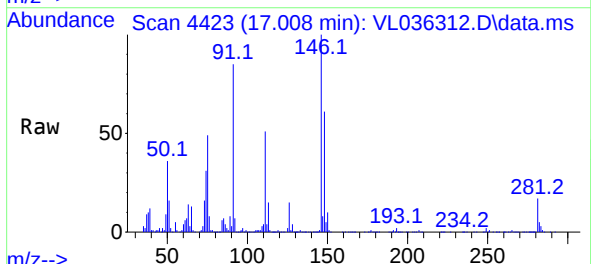
Tgt Ion: 119 Resp: 4530712
Ion Ratio Lower Upper
119 100
91 87.8 71.0 106.6
134 19.6 15.8 23.6

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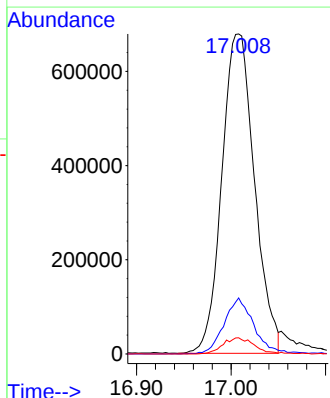
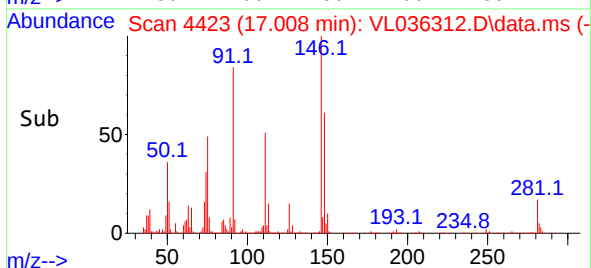
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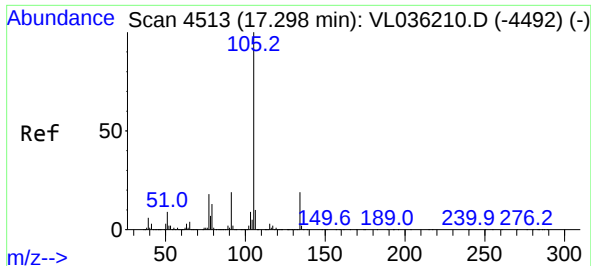


#66
Benzyl Chloride
Concen: 12.54 ppbv
RT: 17.008 min Scan# 4423
Delta R.T. 0.016 min
Lab File: VL036312.D
Acq: 4 Feb 2021 8:57



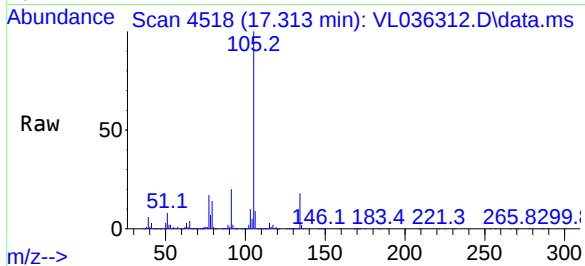
Tgt Ion: 91 Resp: 1627232
Ion Ratio Lower Upper
91 100
126 16.3 12.6 19.0
128 5.0 3.8 5.6





#67
 sec-Butylbenzene
 Concen: 8.62 ppbv
 RT: 17.313 min Scan# 4518
 Delta R.T. 0.016 min
 Lab File: VL036312.D
 Acq: 4 Feb 2021 8:57

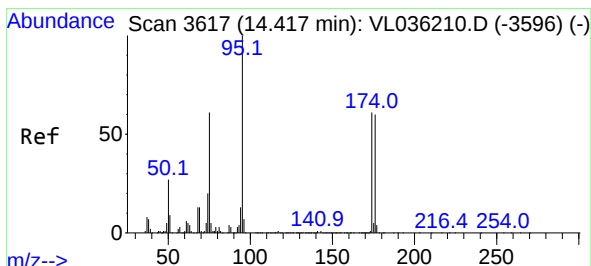
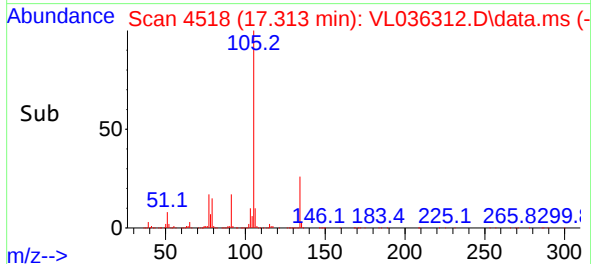
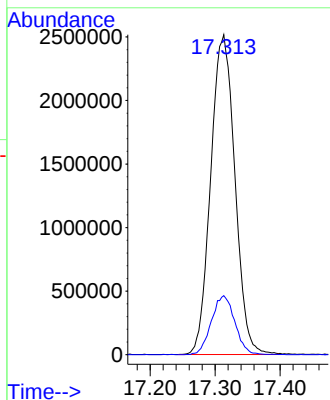
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC



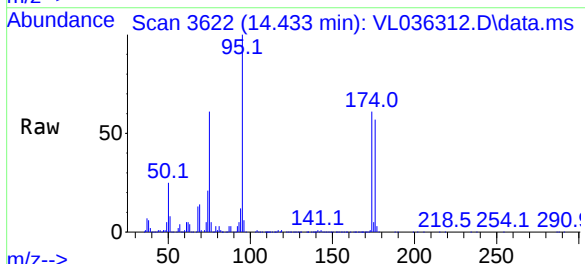
Tgt Ion:105 Resp: 6501596
 Ion Ratio Lower Upper
 105 100
 134 17.9 14.2 21.4

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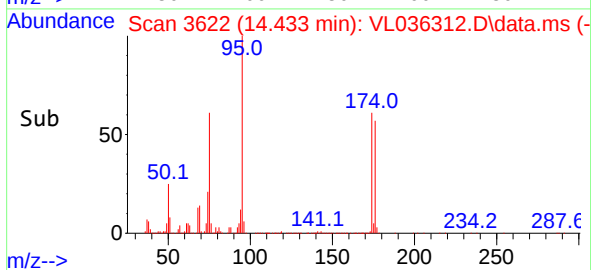
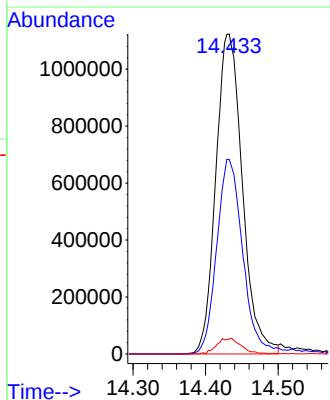
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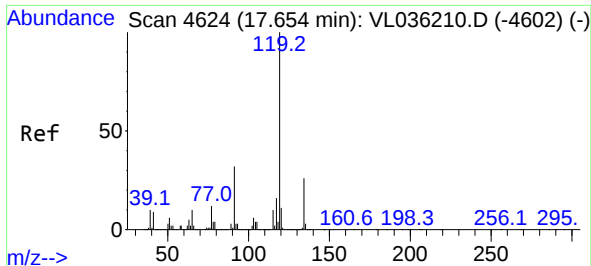


#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.53 ppbv
 RT: 14.433 min Scan# 3622
 Delta R.T. 0.016 min
 Lab File: VL036312.D
 Acq: 4 Feb 2021 8:57



Tgt Ion: 95 Resp: 2859090
 Ion Ratio Lower Upper
 95 100
 174 61.1 49.4 74.0
 175 4.7 3.8 5.8





#69
p-Isopropyltoluene
Concen: 8.76 ppbv
RT: 17.670 min Scan# 4629
Delta R.T. 0.016 min
Lab File: VL036312.D
Acq: 4 Feb 2021 8:57

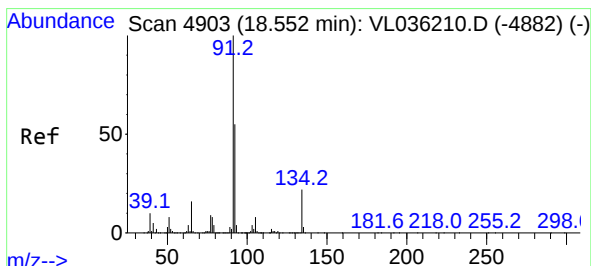
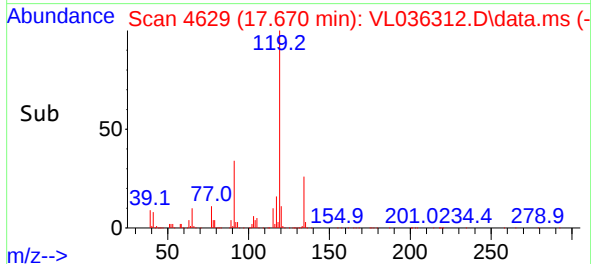
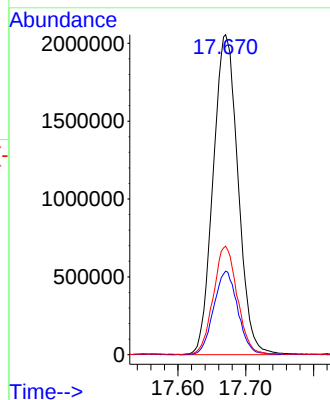
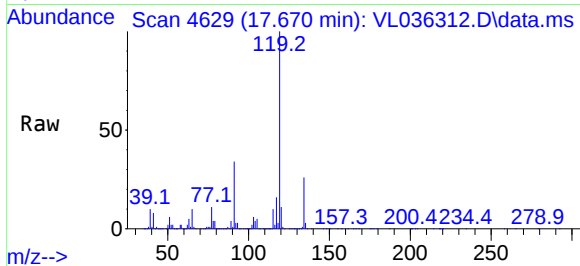
Tgt Ion: 119 Resp: 5236945

Ion	Ratio	Lower	Upper
119	100		
134	25.3	20.2	30.4
91	32.8	26.0	39.0

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

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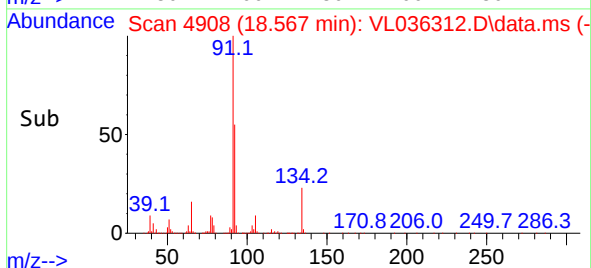
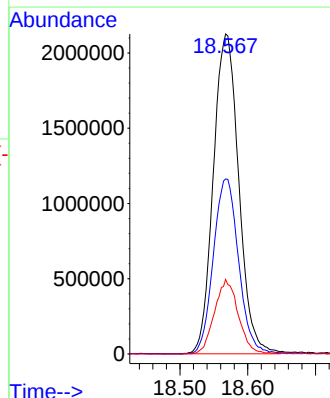
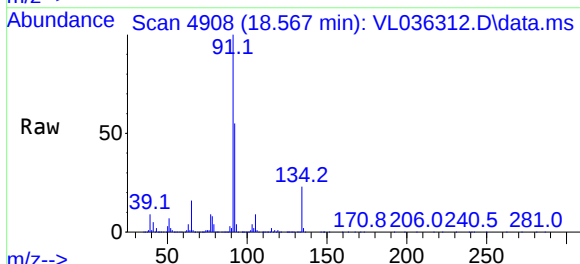
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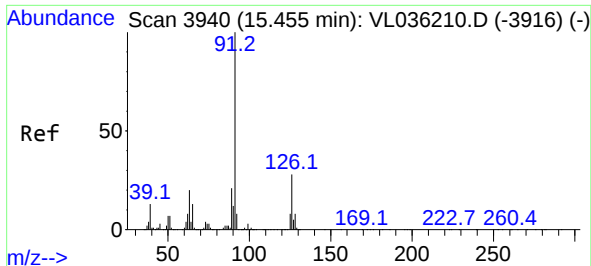


#70
n-Butylbenzene
Concen: 8.69 ppbv
RT: 18.567 min Scan# 4908
Delta R.T. 0.016 min
Lab File: VL036312.D
Acq: 4 Feb 2021 8:57

Tgt Ion: 91 Resp: 5537024

Ion	Ratio	Lower	Upper
91	100		
92	54.6	44.0	66.0
134	21.9	17.0	25.4





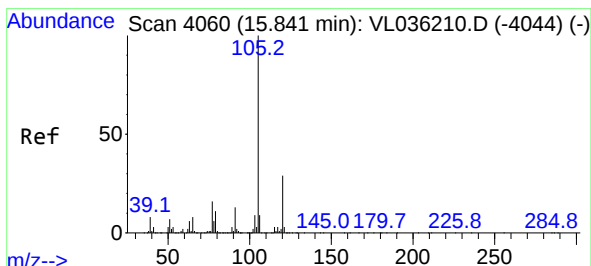
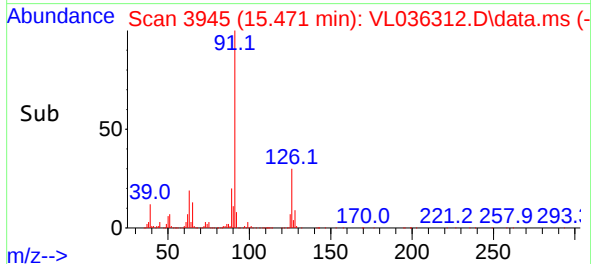
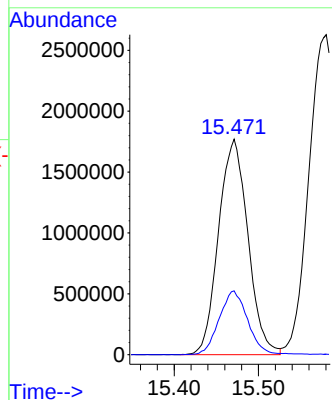
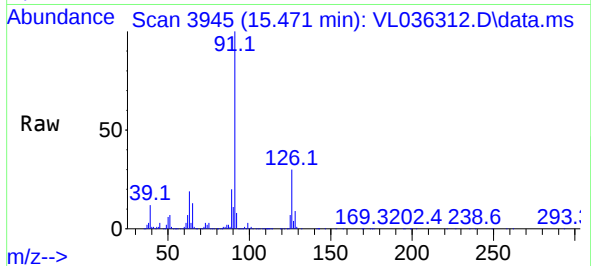
#71
2-Chlorotoluene
Concen: 9.09 ppbv
RT: 15.471 min Scan# 3945
Delta R.T. 0.016 min
Lab File: VL036312.D
Acq: 4 Feb 2021 8:57

Tgt Ion: 91 Resp: 4282456
Ion Ratio Lower Upper
91 100
126 29.1 11.5 45.9

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

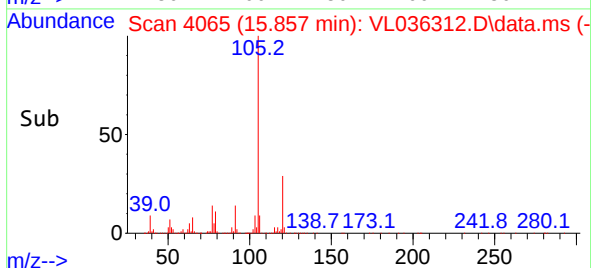
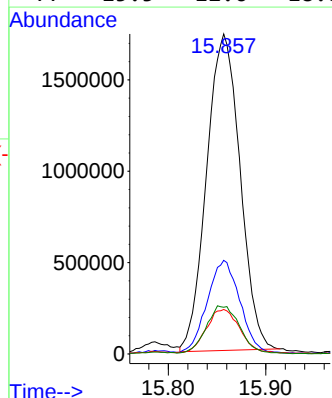
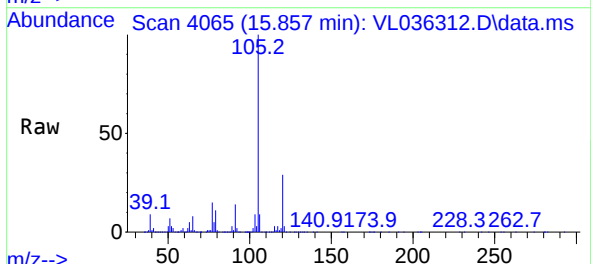
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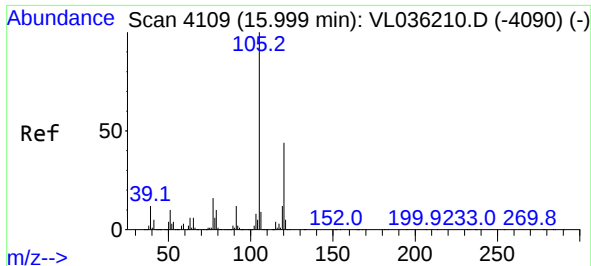
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#72
4-Ethyltoluene
Concen: 9.08 ppbv
RT: 15.857 min Scan# 4065
Delta R.T. 0.016 min
Lab File: VL036312.D
Acq: 4 Feb 2021 8:57

Tgt Ion: 105 Resp: 4131070
Ion Ratio Lower Upper
105 100
120 30.6 23.7 35.5
91 14.3 11.9 17.9
77 15.5 12.6 18.8





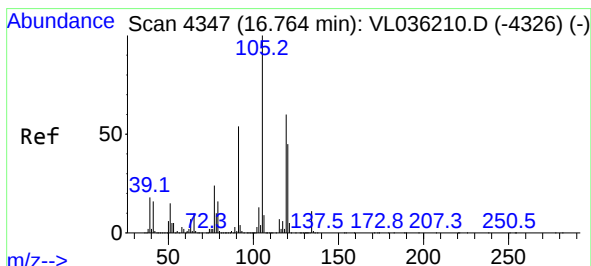
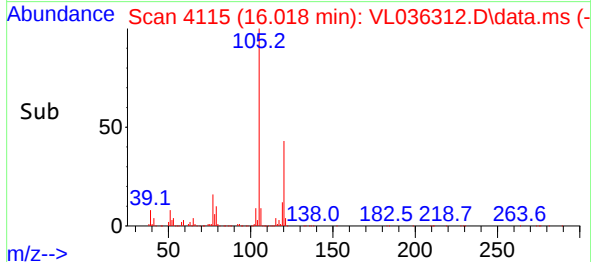
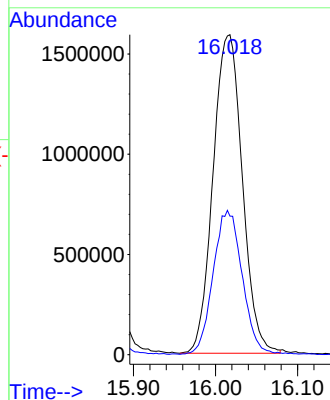
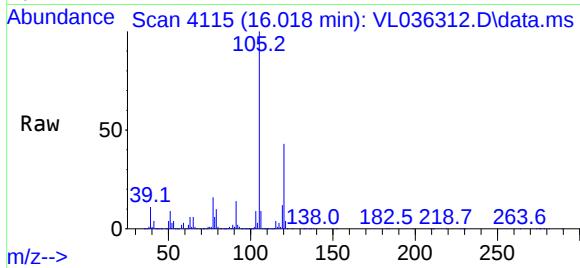
#73
1,3,5-Trimethylbenzene
Concen: 9.11 ppbv
RT: 16.018 min Scan# 4115
Delta R.T. 0.019 min
Lab File: VL036312.D
Acq: 4 Feb 2021 8:57

Tgt Ion:105 Resp: 3948694
Ion Ratio Lower Upper
105 100
120 43.4 35.5 53.3

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

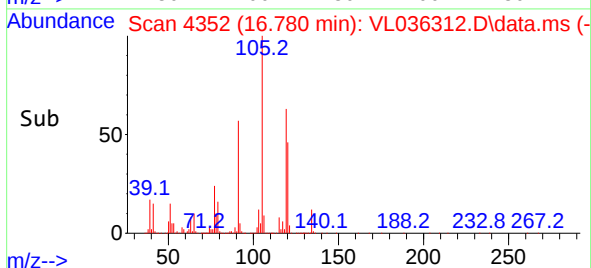
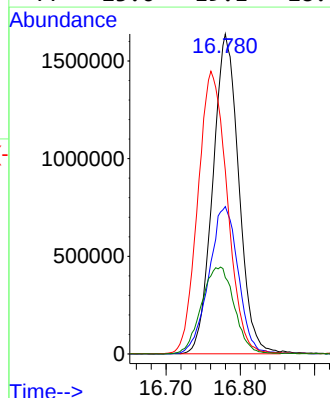
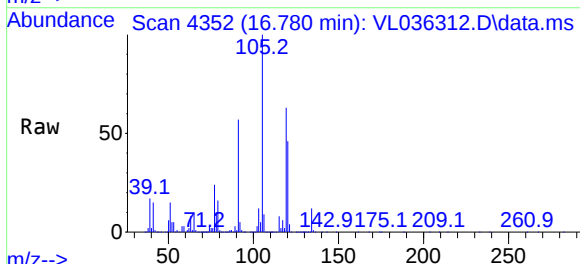
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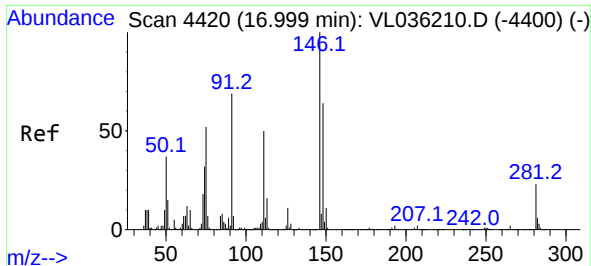
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#74
1,2,4-Trimethylbenzene
Concen: 8.94 ppbv
RT: 16.780 min Scan# 4352
Delta R.T. 0.016 min
Lab File: VL036312.D
Acq: 4 Feb 2021 8:57

Tgt Ion:105 Resp: 3976348
Ion Ratio Lower Upper
105 100
120 45.7 36.2 54.2
91 57.0 43.3 64.9
77 23.6 19.1 28.7





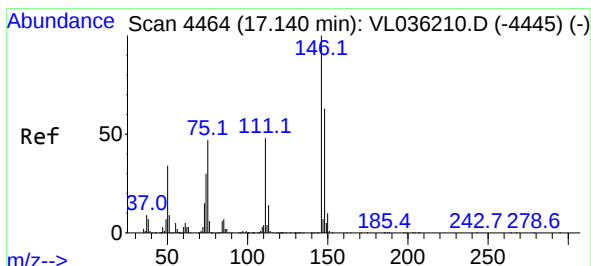
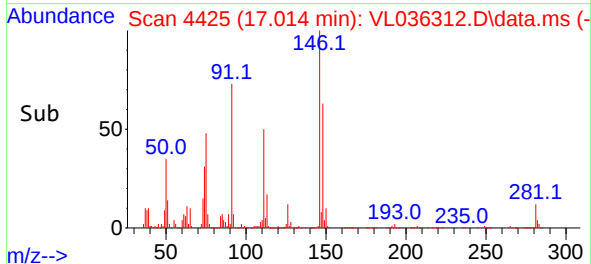
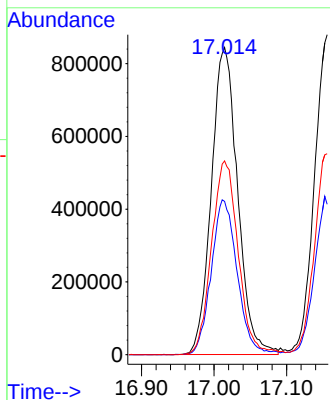
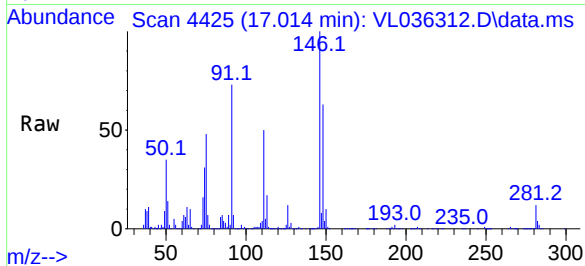
#75
1,3-Dichlorobenzene
Concen: 8.92 ppbv
RT: 17.014 min Scan# 4425
Delta R.T. 0.016 min
Lab File: VL036312.D
Acq: 4 Feb 2021 8:57

Tgt Ion:146 Resp: 2128674
Ion Ratio Lower Upper
146 100
111 50.2 25.5 76.5
148 64.2 32.4 97.2

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

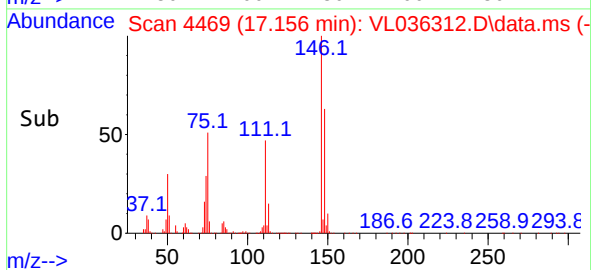
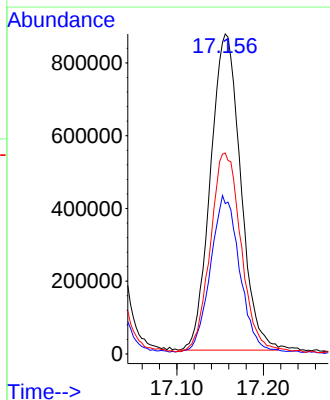
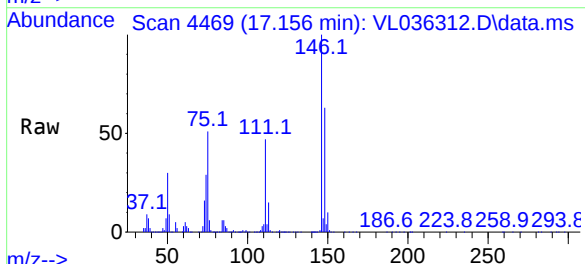
Manual Integrations
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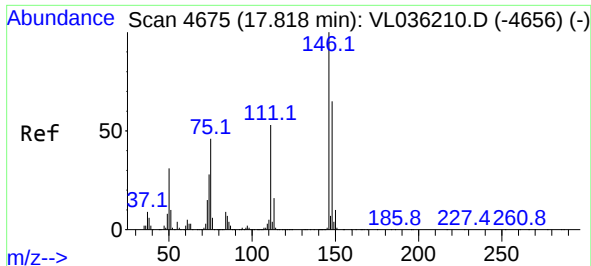
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#76
1,4-Dichlorobenzene
Concen: 8.92 ppbv
RT: 17.156 min Scan# 4469
Delta R.T. 0.016 min
Lab File: VL036312.D
Acq: 4 Feb 2021 8:57

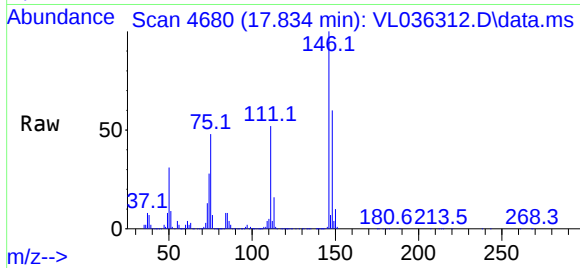
Tgt Ion:146 Resp: 2102244
Ion Ratio Lower Upper
146 100
111 49.7 25.4 76.0
148 66.3 33.3 99.9





#77
1,2-Dichlorobenzene
Concen: 8.85 ppbv
RT: 17.834 min Scan# 4680
Delta R.T. 0.016 min
Lab File: VL036312.D
Acq: 4 Feb 2021 8:57

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

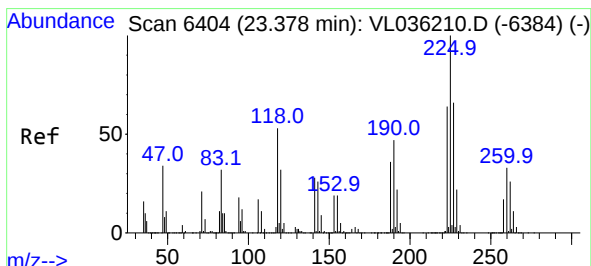
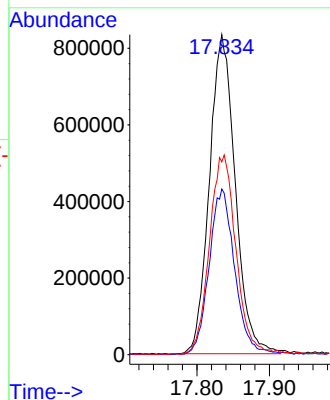
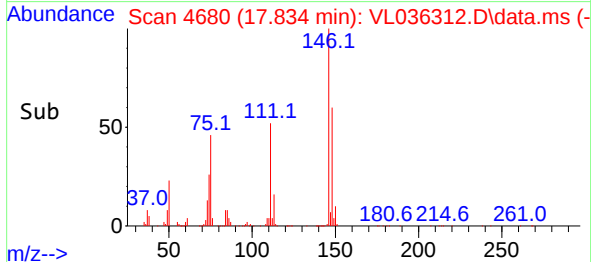


Tgt Ion:146 Resp: 2063237

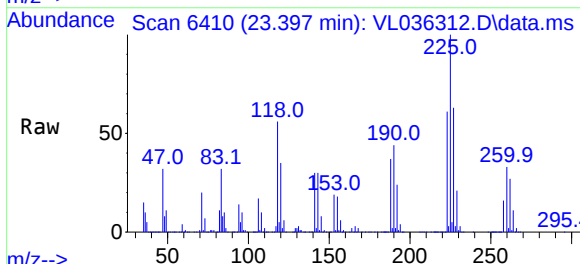
Ion	Ratio	Lower	Upper
146	100		
111	51.6	26.5	79.4
148	64.7	32.8	98.4

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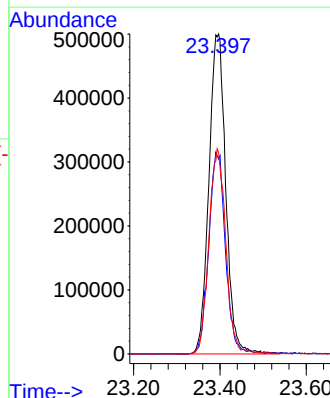
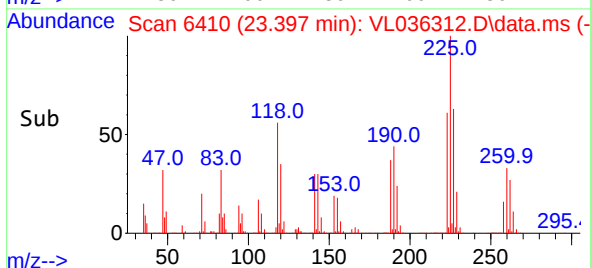


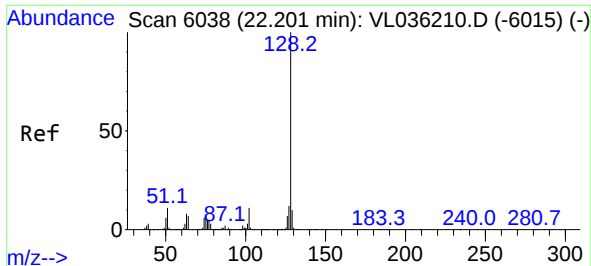
#78
Hexachloro-1,3-Butadiene
Concen: 7.30 ppbv m
RT: 23.397 min Scan# 6410
Delta R.T. 0.019 min
Lab File: VL036312.D
Acq: 4 Feb 2021 8:57



Tgt Ion:225 Resp: 1360668

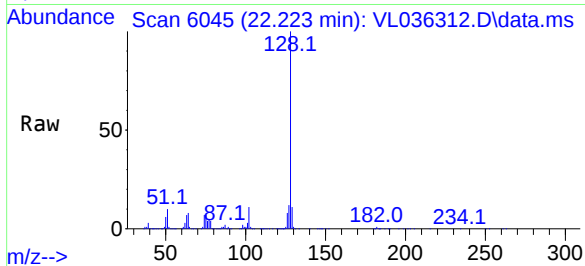
Ion	Ratio	Lower	Upper
225	100		
223	0.0	50.5	75.7#
227	63.7	51.7	77.5





#79
Naphthalene
Concen: 9.46 ppbv
RT: 22.223 min Scan# 6045
Delta R.T. 0.022 min
Lab File: VL036312.D
Acq: 4 Feb 2021 8:57

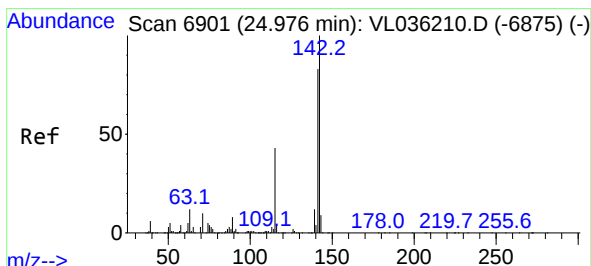
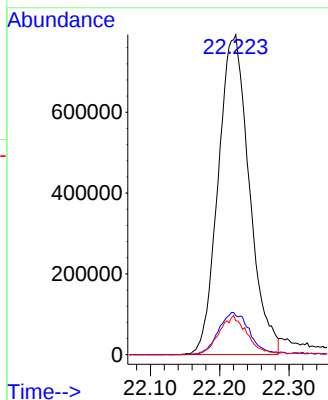
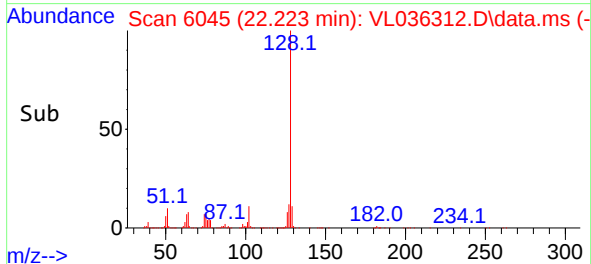
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



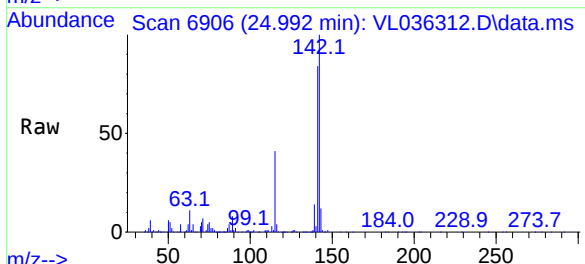
Tgt Ion:128 Resp: 2460146
Ion Ratio Lower Upper
128 100
127 12.2 9.9 14.9
129 10.5 8.4 12.6

Manual Integrations
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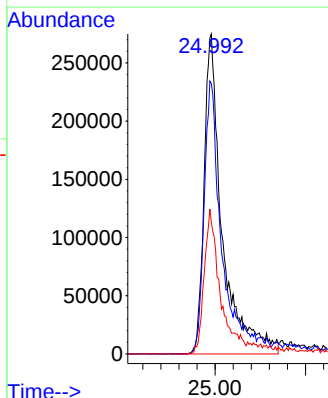
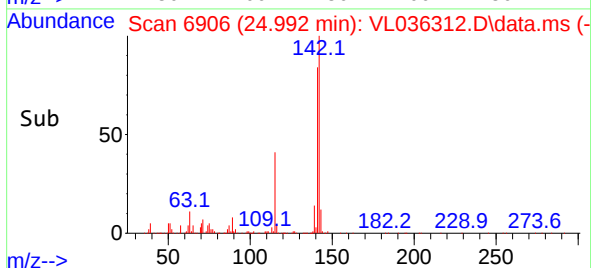
MMDadoda
2/4/2021 5:15:20 PM

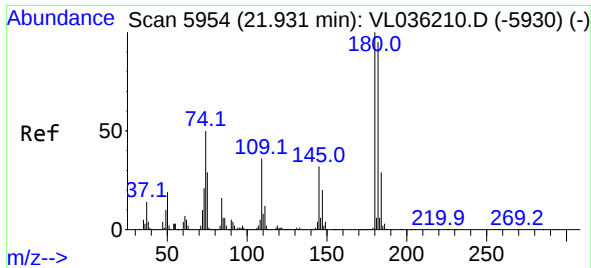


#80
Naphthalene,2-methyl-
Concen: 13.88 ppbv
RT: 24.992 min Scan# 6906
Delta R.T. 0.016 min
Lab File: VL036312.D
Acq: 4 Feb 2021 8:57

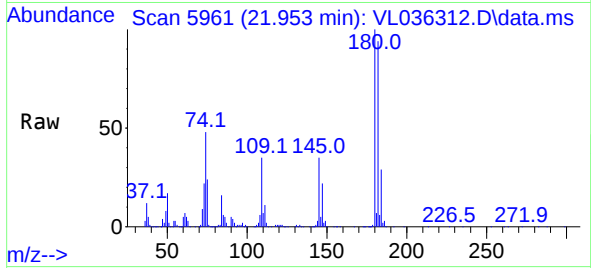


Tgt Ion:142 Resp: 770340
Ion Ratio Lower Upper
142 100
141 85.3 68.6 102.8
115 43.0 32.9 49.3

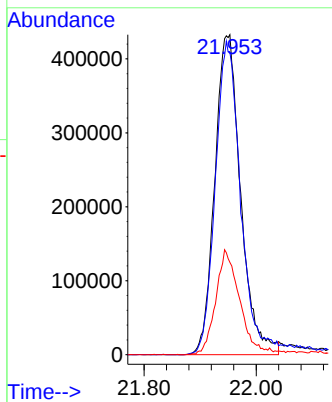
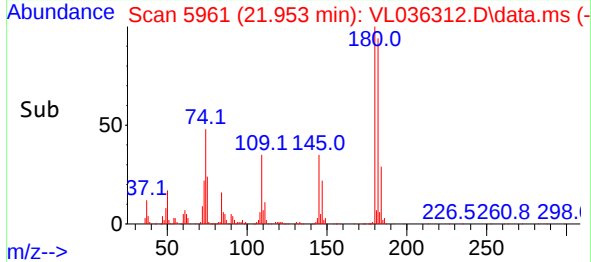




#81
 1,2,4-Trichlorobenzene
 Concen: 9.14 ppbv m
 RT: 21.953 min Scan# 5961
 Delta R.T. 0.022 min
 Lab File: VL036312.D
 Acq: 4 Feb 2021 8:57



Tgt Ion:180 Resp: 1387900
 Ion Ratio Lower Upper
 180 100
 182 0.0 79.9 119.9#
 184 0.0 25.6 38.4#



Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC

Manual Integrations
 APPROVED

MMDadoda
 2/4/2021 5:15:20 PM