

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL012021\
 Data File : VL036245.D
 Acq On : 20 Jan 2021 13:14
 Operator : SY/AP
 Sample : VL0120ABS01
 Misc : 400ml/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0120ABS01

Manual Integrations
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MMDadoda
 1/21/2021 10:35:57 AM

Quant Time: Jan 21 01:34:14 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	5.671	49	1504203	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.185	114	3331621	10.00	ppbv	0.01
55) Chlorobenzene-d5	12.101	117	3153342m	10.00	ppbv	0.02

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene 14.433 95 2678867 10.26 ppbv 0.02
 Spiked Amount 10.000 Range 65 - 135 Recovery = 102.60%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	3.050	85	1616312	8.02	ppbv	99
3) Chlorodifluoromethane	2.989	51	1790680	9.69	ppbv	97
4) Chloromethane	3.140	50	860802	9.43	ppbv	95
5) Vinyl Chloride	3.259	62	831885	9.63	ppbv	98
6) Bromomethane	3.475	94	469036	9.71	ppbv	97
7) Chloroethane	3.562	64	291453	9.80	ppbv	100
8) Dichlorotetrafluoroethane	3.189	85	1792917	9.18	ppbv	100
9) Propene	3.009	41	776354	8.83	ppbv	100
10) Heptane	8.131	43	2032053	9.31	ppbv	98
11) Trichlorofluoromethane	3.951	101	1968961	9.61	ppbv	98
12) 1,1,2-Trichlorotrifluo...	4.488	101	1249904	10.06	ppbv	97
13) Ethanol	3.607	45	150739m	10.91	ppbv	
14) Bromoethene	3.742	108	522416	9.23	ppbv	99
15) Acetone	3.854	43	1626944	8.83	ppbv	98
16) 1,3-Butadiene	3.330	39	832104	9.27	ppbv	98
17) tert-Butyl alcohol	4.298	59	1538824	10.12	ppbv	99
18) 1,1-Dichloroethene	4.292	96	563598	9.78	ppbv	90
19) Isopropyl Alcohol	3.973	45	1171009	10.54	ppbv #	98
20) Methylene Chloride	4.349	84	491952	8.37	ppbv	96
21) Allyl Chloride	4.417	41	953065	9.50	ppbv	93
22) trans-1,2-Dichloroethene	4.893	96	530389	9.96	ppbv	98
23) Vinyl Acetate	5.079	43	2298549	10.30	ppbv	99
24) 1,1-Dichloroethane	5.018	63	1587605	9.82	ppbv	99
25) Ethyl Acetate	5.684	43	3439356	9.30	ppbv	99
26) Hexane	5.693	57	1388965	9.02	ppbv	99
27) Carbon Disulfide	4.555	76	1380858	11.21	ppbv	99
28) Methyl tert-Butyl Ether	5.041	73	1944008	9.34	ppbv	98
29) Chloroform	5.761	83	2158869	9.79	ppbv	93
30) Cyclohexane	7.140	84	1166257	9.91	ppbv	98
31) cis-1,2-Dichloroethene	5.555	61	1453903	9.88	ppbv	95
32) 1,1,1-Trichloroethane	6.520	97	2170294	10.18	ppbv	100
34) 2-Butanone	5.250	43	2207469	9.00	ppbv	99
35) Carbon Tetrachloride	7.028	117	2173553	10.33	ppbv	98
36) Benzene	6.899	78	2905503	9.52	ppbv	97
37) 1,2-Dichloroethane	6.314	62	1840194	10.02	ppbv	100
38) Trichloroethene	7.848	130	975007	8.62	ppbv	95
39) 1,2-Dichloropropane	7.623	63	1177908	9.50	ppbv	99
40) 1,4-Dioxane	7.844	88	391403	8.73	ppbv #	93
41) Tetrahydrofuran	6.053	42	1328404	9.37	ppbv	97
42) Bromodichloromethane	7.799	83	2370310	10.27	ppbv	97
43) Methyl Methacrylate	8.021	69	1283010	9.89	ppbv	99
44) 2,2,4-Trimethylpentane	7.880	57	4987204	8.89	ppbv	99
45) t-1,3-Dichloropropene	9.291	75	1402035	11.38	ppbv	96

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Instrument :
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 ClientSampleId :
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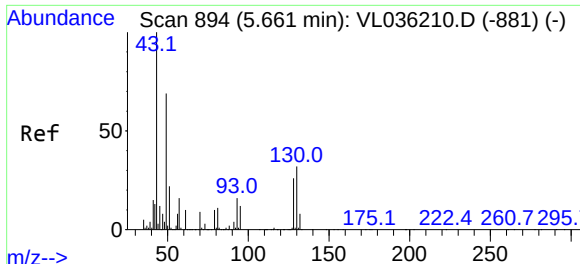
Manual Integrations
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 1/21/2021 10:35:57 AM

Quant Time: Jan 21 01:34:14 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

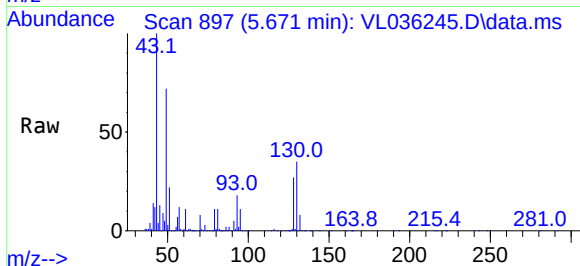
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.713	75	1713009	10.82	ppbv	98
47) 1,1,2-Trichloroethane	9.487	97	1133927	9.56	ppbv	95
48) Dibromochloromethane	10.317	129	1835320	10.58	ppbv	98
49) Bromoform	13.056	173	1537087	10.62	ppbv	99
50) 4-Methyl-2-Pentanone	8.748	43	3399056	9.29	ppbv	99
51) 2-Hexanone	10.143	43	2831903	9.81	ppbv #	99
52) Tetrachloroethene	11.237	164	926542	8.24	ppbv	99
53) Toluene	9.815	91	3207581	9.39	ppbv	99
54) 1,2-Dibromoethane	10.626	107	1698996	9.67	ppbv	94
56) 1,1,1,2-Tetrachloroethane	12.140	131	1356732	9.64	ppbv	94
57) Chlorobenzene	12.163	112	2241008	9.06	ppbv	99
58) Ethyl Benzene	12.722	91	4394773	9.39	ppbv	98
59) m/p-Xylene	13.011	91	7349907m	18.28	ppbv	
60) o-Xylene	13.706	91	3424700	8.84	ppbv	99
61) Styrene	13.542	104	2447811	10.00	ppbv	100
62) Isopropylbenzene	14.680	105	5165983	8.97	ppbv	100
63) 1,1,2,2-Tetrachloroethane	13.693	83	2425299	8.40	ppbv	100
64) n-propylbenzene	15.577	120	1317214	9.30	ppbv	99
65) tert-Butylbenzene	16.760	119	4325285	8.86	ppbv	100
66) Benzyl Chloride	17.005	91	1595544	12.79	ppbv	100
67) sec-Butylbenzene	17.310	105	6254828	8.63	ppbv	100
69) p-Isopropyltoluene	17.667	119	5113225	8.89	ppbv	100
70) n-Butylbenzene	18.564	91	5540073	9.04	ppbv	100
71) 2-Chlorotoluene	15.468	91	4087117	9.02	ppbv	99
72) 4-Ethyltoluene	15.851	105	3985936	9.11	ppbv	99
73) 1,3,5-Trimethylbenzene	16.015	105	3781922	9.07	ppbv	97
74) 1,2,4-Trimethylbenzene	16.780	105	3810221	8.91	ppbv	99
75) 1,3-Dichlorobenzene	17.014	146	2048529	8.93	ppbv	99
76) 1,4-Dichlorobenzene	17.153	146	2056907	9.08	ppbv	99
77) 1,2-Dichlorobenzene	17.834	146	2037221	9.09	ppbv	99
78) Hexachloro-1,3-Butadiene	23.390	225	1479897	8.26	ppbv	99
79) Naphthalene	22.214	128	2901670	11.61	ppbv	99
80) Naphthalene,2-methyl-	24.985	142	1117337	20.95	ppbv	95
81) 1,2,4-Trichlorobenzene	21.944	180	1483439	10.16	ppbv	99

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



#1
Bromochloromethane
Concen: 10.00 ppbv
RT: 5.671 min Scan# 897
Delta R.T. 0.010 min
Lab File: VL036245.D
Acq: 20 Jan 2021 13:14

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MSVOA_L
ClientSampleId :
VL0120ABS01

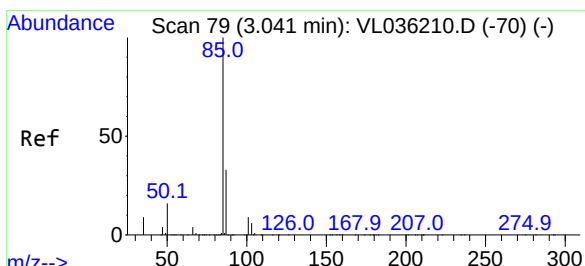
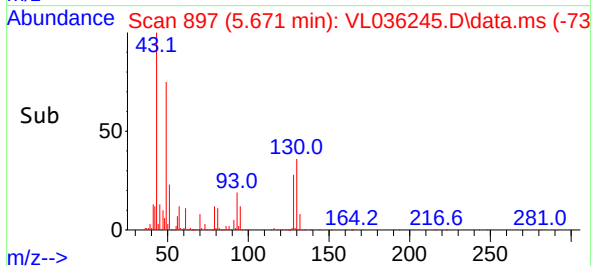
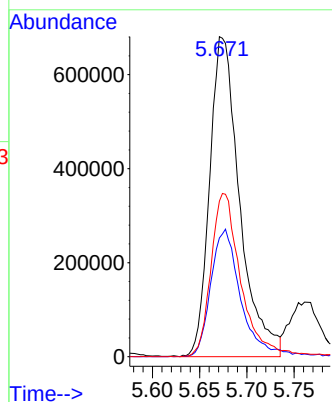


Tgt Ion: 49 Resp: 1504203

Ion	Ratio	Lower	Upper
49	100		
128	40.5	20.1	60.2
130	51.7	25.3	75.9

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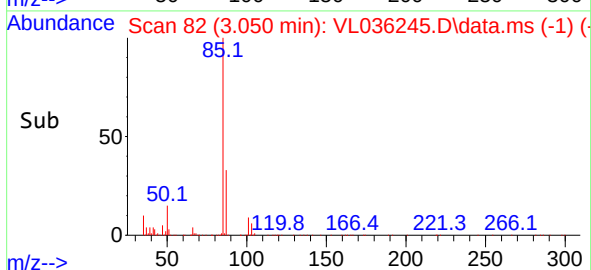
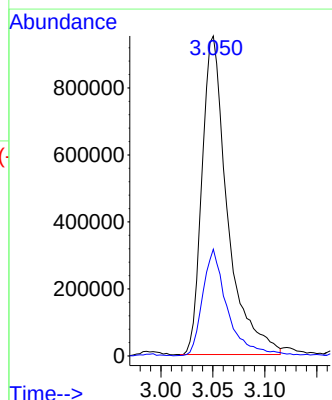
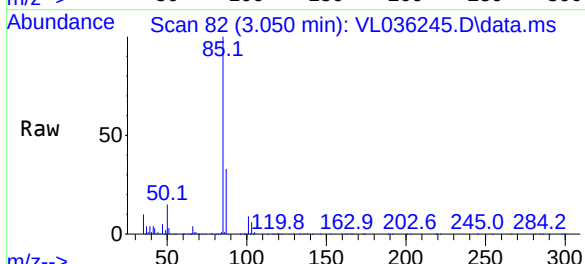
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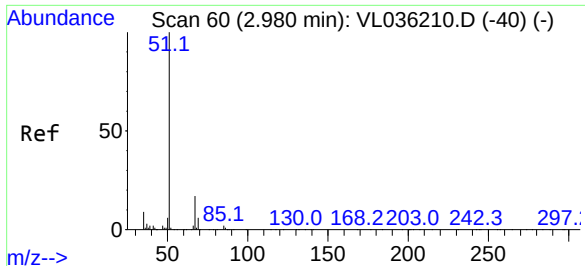


#2
Dichlorodifluoromethane
Concen: 8.02 ppbv
RT: 3.050 min Scan# 82
Delta R.T. 0.010 min
Lab File: VL036245.D
Acq: 20 Jan 2021 13:14

Tgt Ion: 85 Resp: 1616312

Ion	Ratio	Lower	Upper
85	100		
87	33.4	26.4	39.6





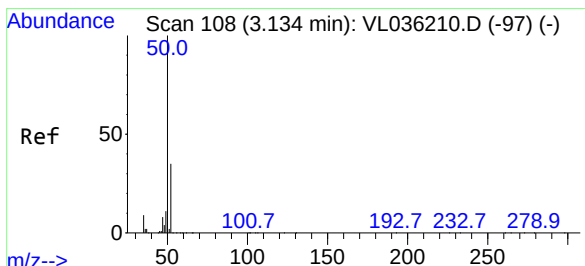
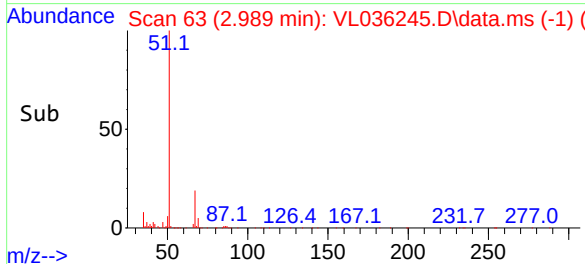
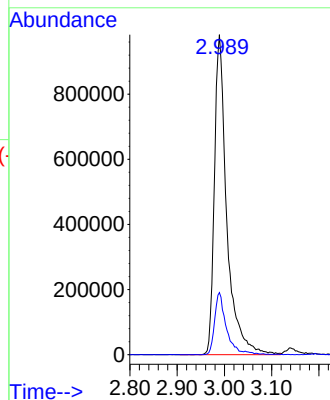
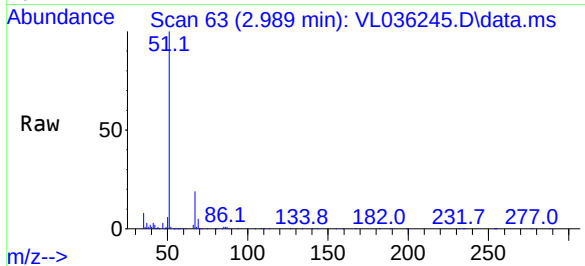
#3
Chlorodifluoromethane
Concen: 9.69 ppbv
RT: 2.989 min Scan# 63
Delta R.T. 0.010 min
Lab File: VL036245.D
Acq: 20 Jan 2021 13:14

Tgt Ion: 51 Resp: 1790680
Ion Ratio Lower Upper
51 100
67 18.8 14.0 21.0

Instrument :
MSVOA_L
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VL0120ABS01

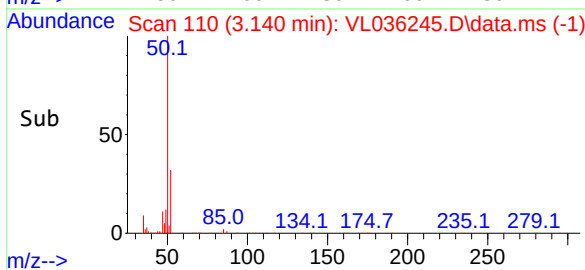
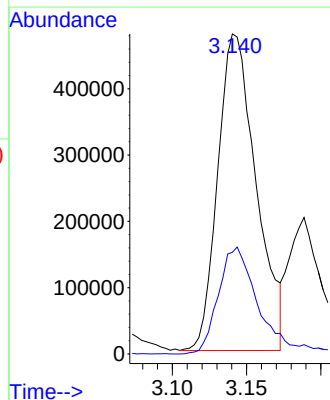
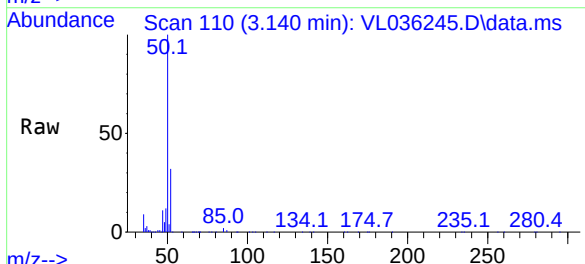
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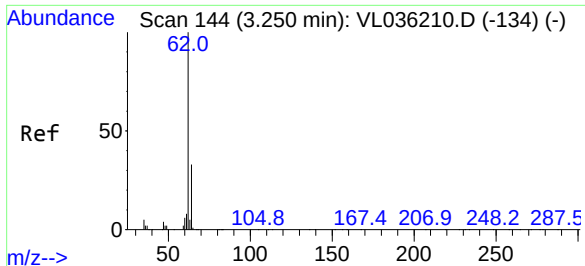
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#4
Chloromethane
Concen: 9.43 ppbv
RT: 3.140 min Scan# 110
Delta R.T. 0.006 min
Lab File: VL036245.D
Acq: 20 Jan 2021 13:14

Tgt Ion: 50 Resp: 860802
Ion Ratio Lower Upper
50 100
52 32.1 27.8 41.8





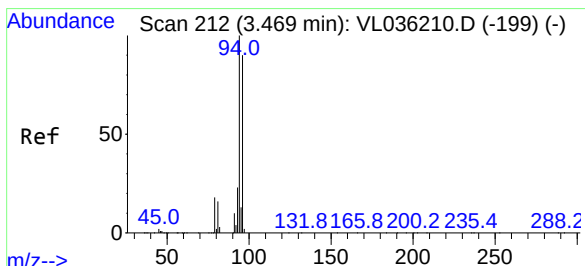
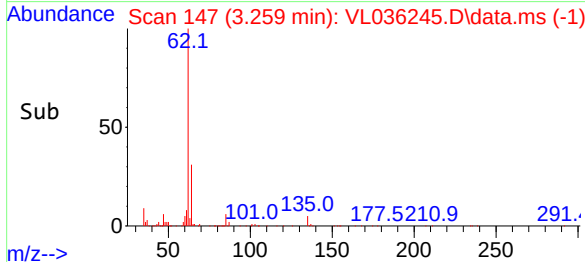
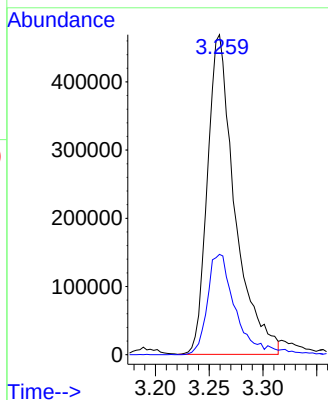
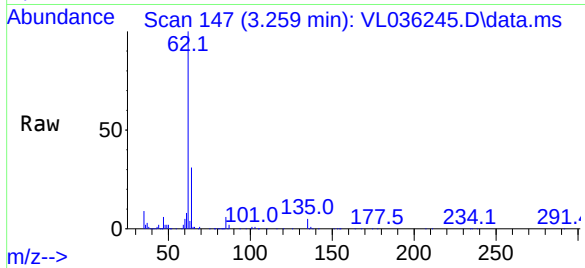
#5
 Vinyl Chloride
 Concen: 9.63 ppbv
 RT: 3.259 min Scan# 147
 Delta R.T. 0.010 min
 Lab File: VL036245.D
 Acq: 20 Jan 2021 13:14

Tgt Ion: 62 Resp: 831885
 Ion Ratio Lower Upper
 62 100
 64 31.4 26.2 39.2

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0120ABS01

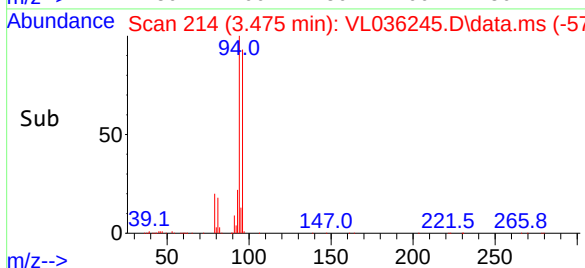
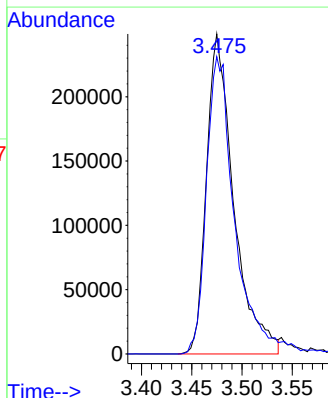
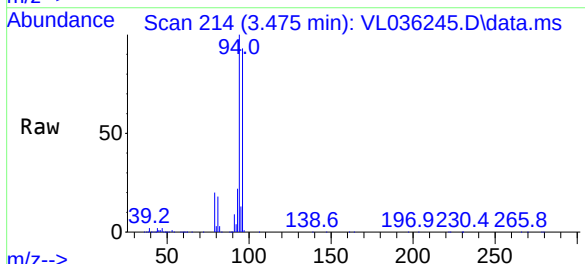
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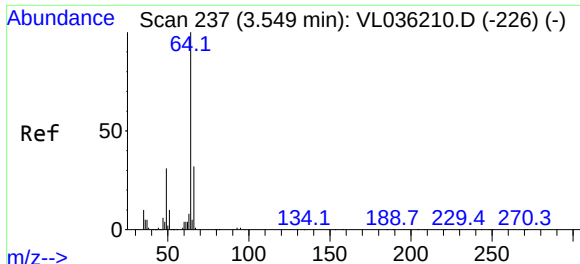
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#6
 Bromomethane
 Concen: 9.71 ppbv
 RT: 3.475 min Scan# 214
 Delta R.T. 0.006 min
 Lab File: VL036245.D
 Acq: 20 Jan 2021 13:14

Tgt Ion: 94 Resp: 469036
 Ion Ratio Lower Upper
 94 100
 96 92.9 71.9 107.9





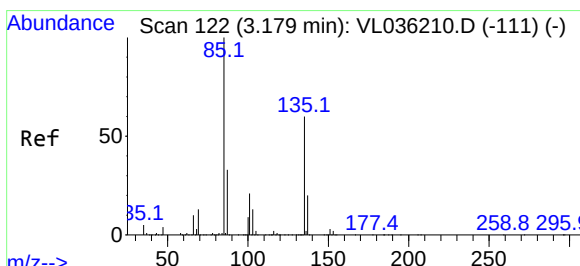
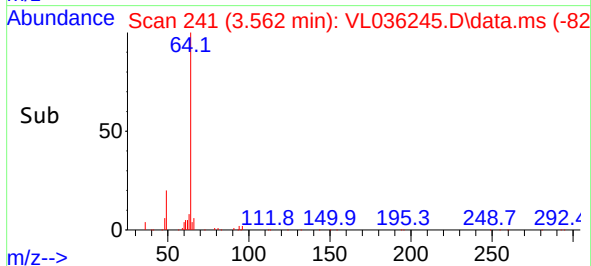
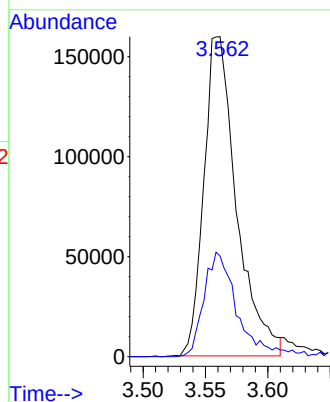
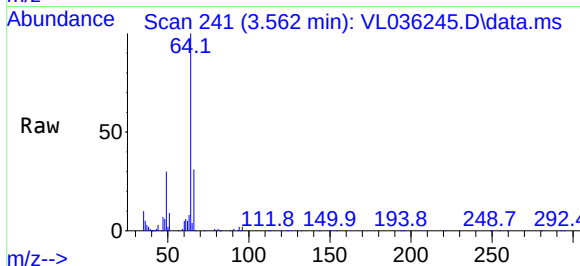
#7
Chloroethane
Concen: 9.80 ppbv
RT: 3.562 min Scan# 241
Delta R.T. 0.013 min
Lab File: VL036245.D
Acq: 20 Jan 2021 13:14

Instrument :
MSVOA_L
ClientSampleId :
VL0120ABS01

Tgt Ion: 64 Resp: 291453
Ion Ratio Lower Upper
64 100
66 31.5 25.2 37.8

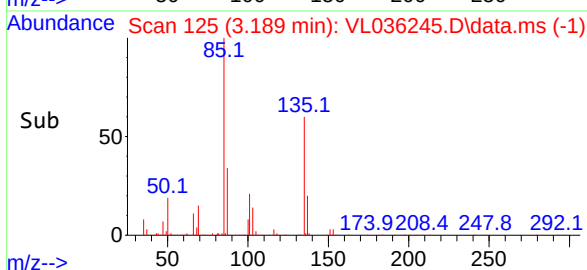
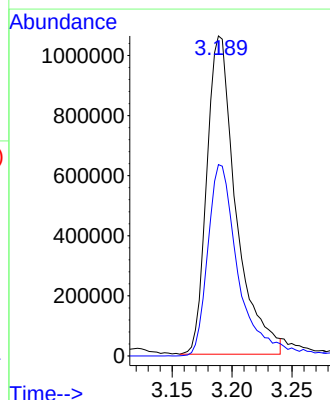
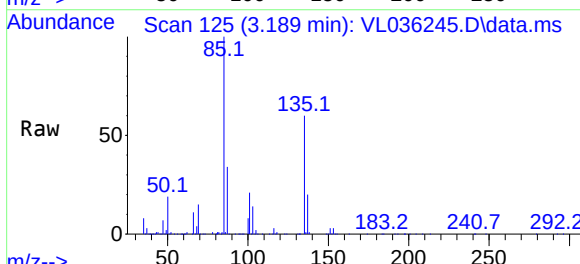
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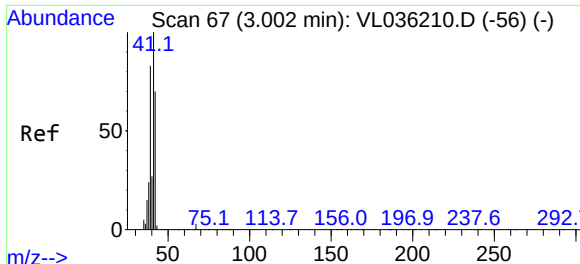
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#8
Dichlorotetrafluoroethane
Concen: 9.18 ppbv
RT: 3.189 min Scan# 125
Delta R.T. 0.010 min
Lab File: VL036245.D
Acq: 20 Jan 2021 13:14

Tgt Ion: 85 Resp: 1792917
Ion Ratio Lower Upper
85 100
135 64.4 51.5 77.3





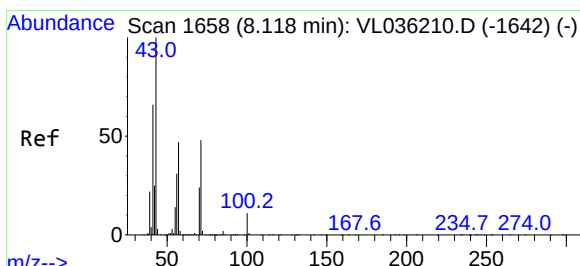
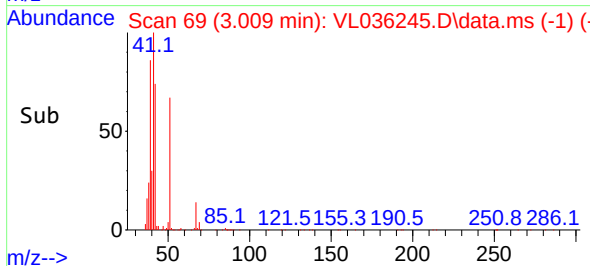
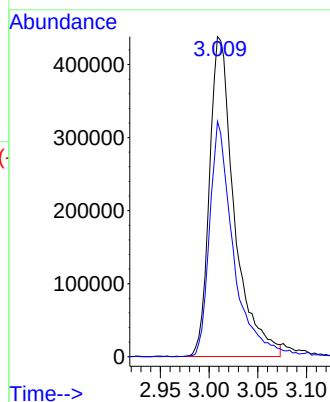
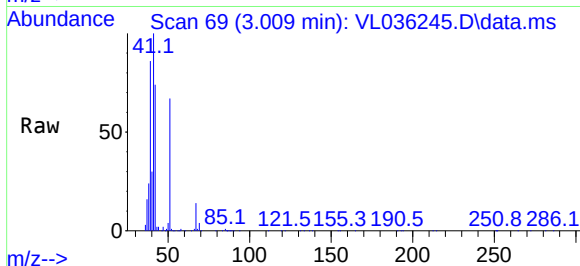
#9
Propene
Concen: 8.83 ppbv
RT: 3.009 min Scan# 69
Delta R.T. 0.006 min
Lab File: VL036245.D
Acq: 20 Jan 2021 13:14

Tgt Ion: 41 Resp: 776354
Ion Ratio Lower Upper
41 100
42 71.7 57.1 85.7

Instrument :
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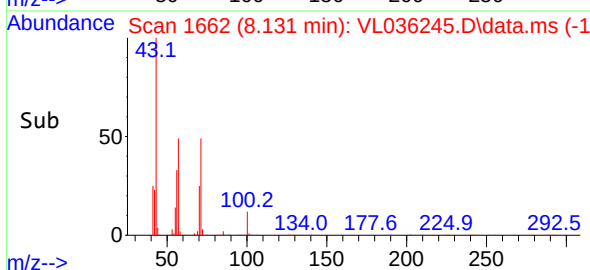
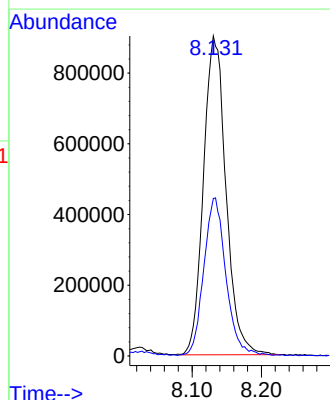
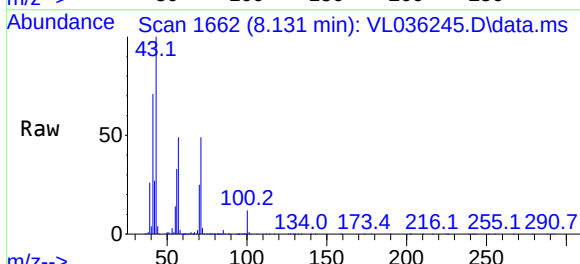
Manual Integrations
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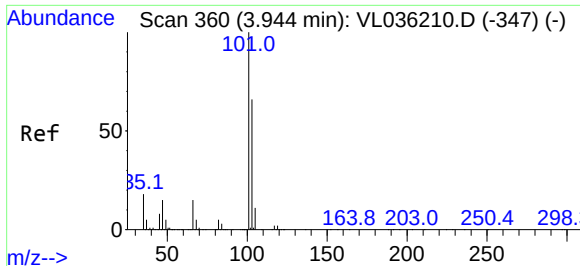
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#10
Heptane
Concen: 9.31 ppbv
RT: 8.131 min Scan# 1662
Delta R.T. 0.013 min
Lab File: VL036245.D
Acq: 20 Jan 2021 13:14

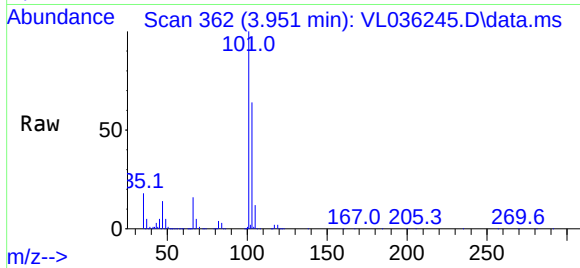
Tgt Ion: 43 Resp: 2032053
Ion Ratio Lower Upper
43 100
57 48.8 38.1 57.1





#11
Trichlorofluoromethane
Concen: 9.61 ppbv
RT: 3.951 min Scan# 362
Delta R.T. 0.006 min
Lab File: VL036245.D
Acq: 20 Jan 2021 13:14

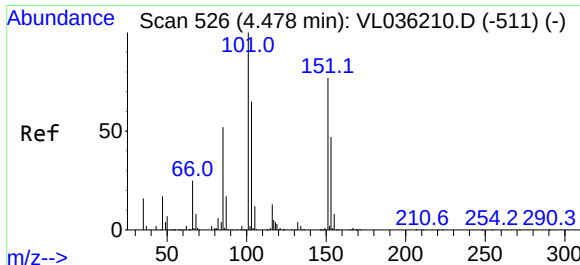
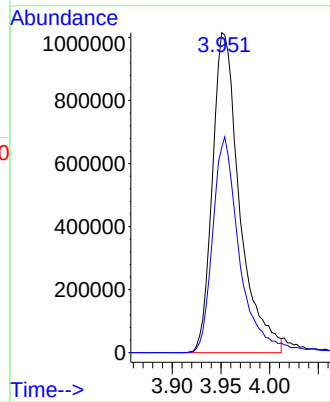
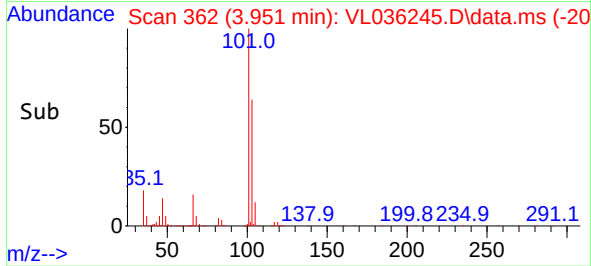
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ClientSampleId :
VL0120ABS01



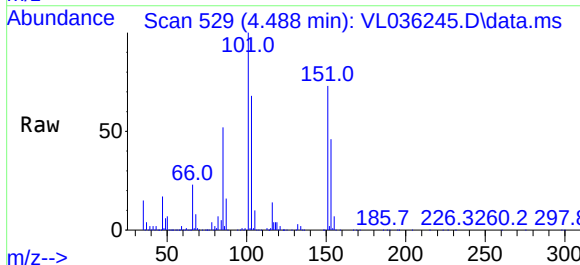
Tgt Ion:101 Resp: 1968961
Ion Ratio Lower Upper
101 100
103 64.1 52.6 78.8

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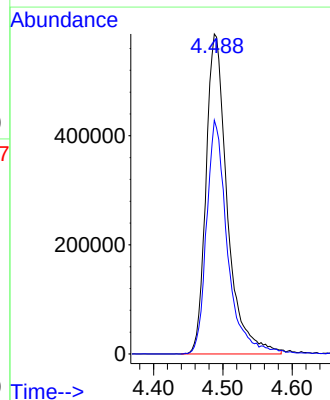
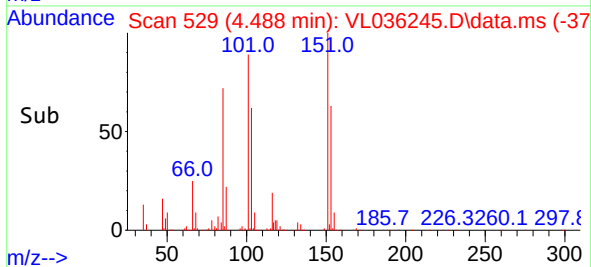
MMDadoda
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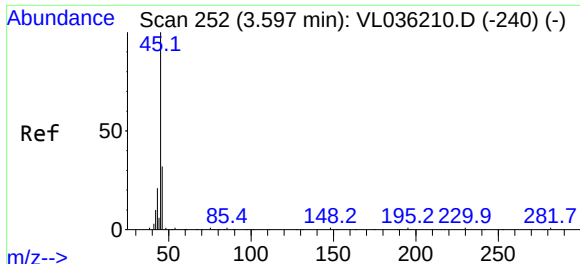


#12
1,1,2-Trichlorotrifluoroethane
Concen: 10.06 ppbv
RT: 4.488 min Scan# 529
Delta R.T. 0.010 min
Lab File: VL036245.D
Acq: 20 Jan 2021 13:14



Tgt Ion:101 Resp: 1249904
Ion Ratio Lower Upper
101 100
151 72.1 59.8 89.6





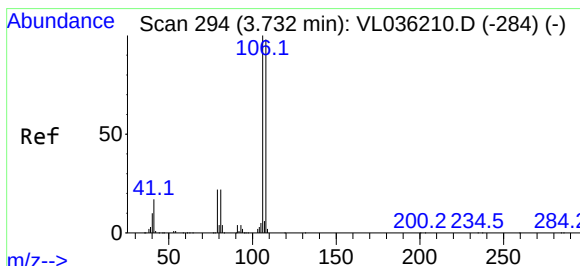
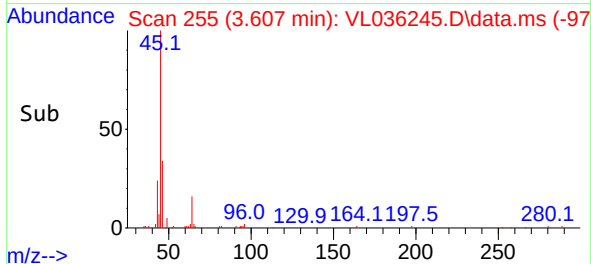
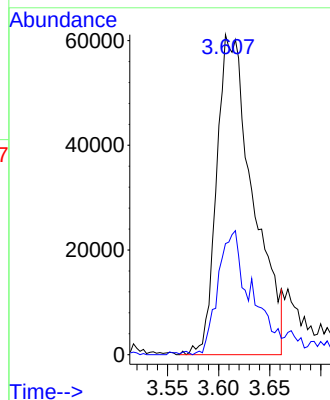
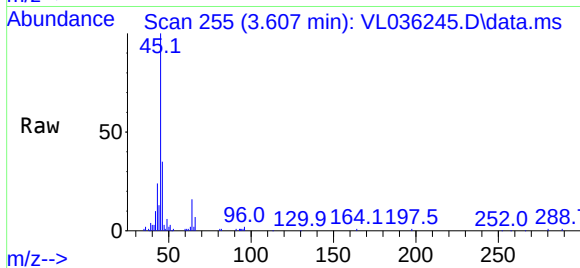
#13
Ethanol
Concen: 10.91 ppbv m
RT: 3.607 min Scan# 255
Delta R.T. 0.010 min
Lab File: VL036245.D
Acq: 20 Jan 2021 13:14

Tgt Ion: 45 Resp: 150739
Ion Ratio Lower Upper
45 100
46 42.4 19.2 77.0

Instrument :
MSVOA_L
ClientSampleId :
VL0120ABS01

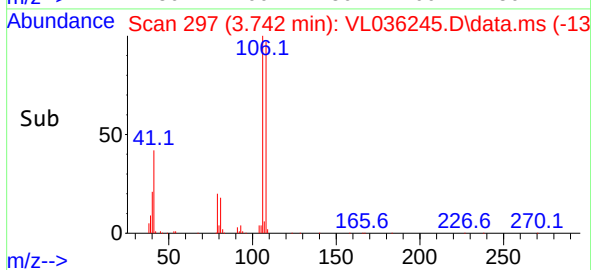
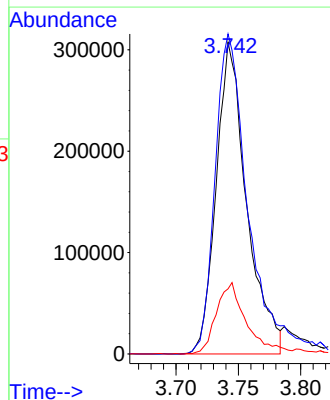
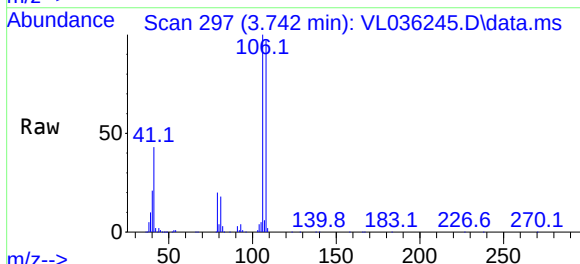
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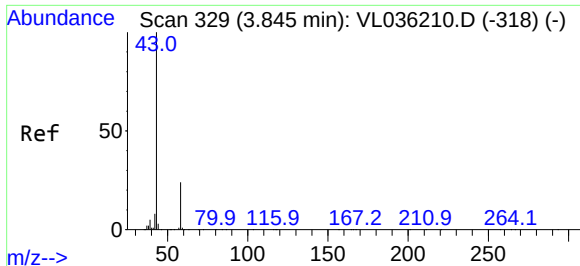
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1/21/2021 10:35:57 AM



#14
Bromoethene
Concen: 9.23 ppbv
RT: 3.742 min Scan# 297
Delta R.T. 0.010 min
Lab File: VL036245.D
Acq: 20 Jan 2021 13:14

Tgt Ion: 108 Resp: 522416
Ion Ratio Lower Upper
108 100
106 114.9 91.4 137.2
79 24.2 18.3 27.5





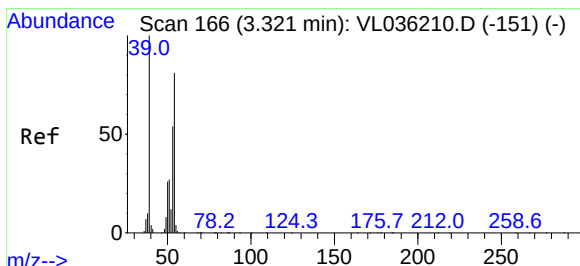
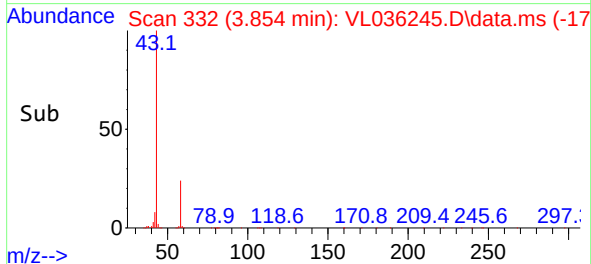
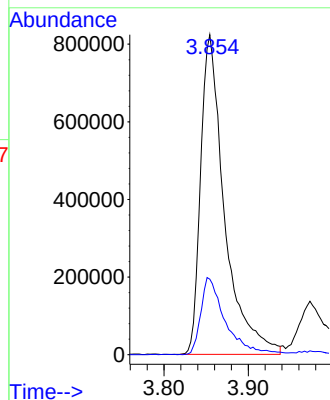
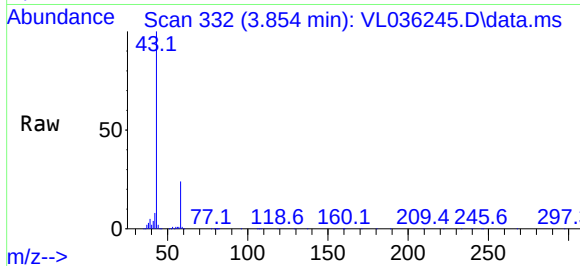
#15
Acetone
Concen: 8.83 ppbv
RT: 3.854 min Scan# 332
Delta R.T. 0.010 min
Lab File: VL036245.D
Acq: 20 Jan 2021 13:14

Tgt Ion: 43 Resp: 1626944
Ion Ratio Lower Upper
43 100
58 25.1 20.9 31.3

Instrument :
MSVOA_L
ClientSampleId :
VL0120ABS01

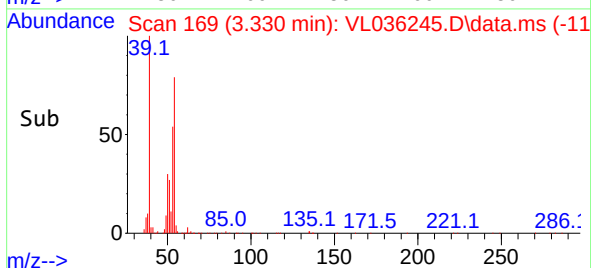
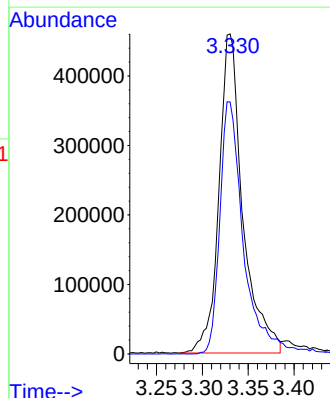
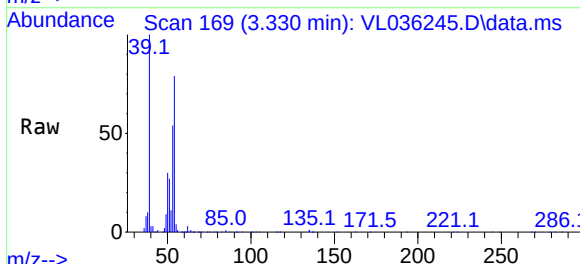
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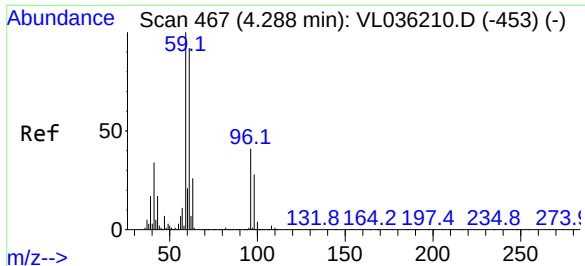
MMDadoda
1/21/2021 10:35:57 AM



#16
1,3-Butadiene
Concen: 9.27 ppbv
RT: 3.330 min Scan# 169
Delta R.T. 0.010 min
Lab File: VL036245.D
Acq: 20 Jan 2021 13:14

Tgt Ion: 39 Resp: 832104
Ion Ratio Lower Upper
39 100
54 79.5 62.5 93.7





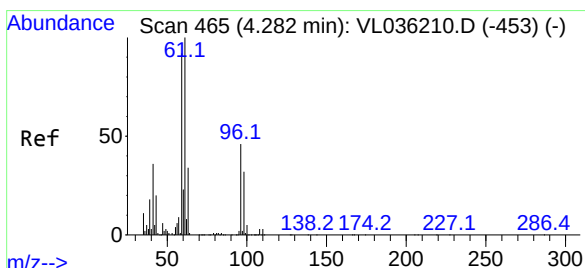
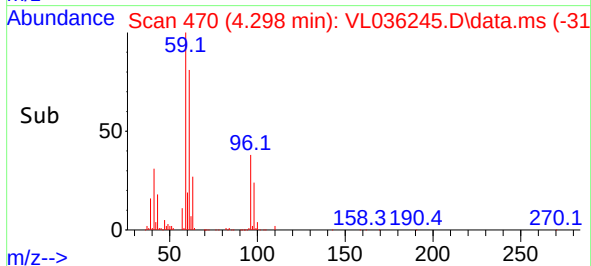
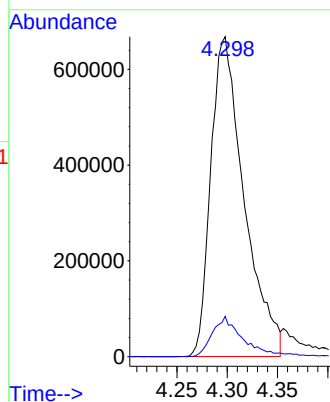
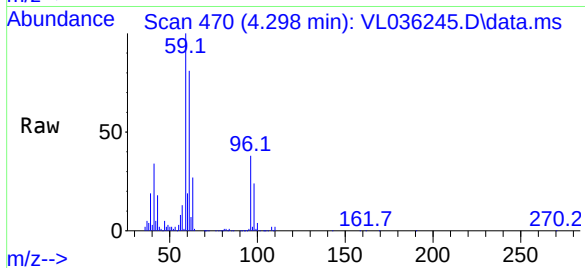
#17
tert-Butyl alcohol
Concen: 10.12 ppbv
RT: 4.298 min Scan# 470
Delta R.T. 0.009 min
Lab File: VL036245.D
Acq: 20 Jan 2021 13:14

Instrument :
MSVOA_L
ClientSampleId :
VL0120ABS01

Tgt Ion: 59 Resp: 1538824
Ion Ratio Lower Upper
59 100
57 11.9 9.2 13.8

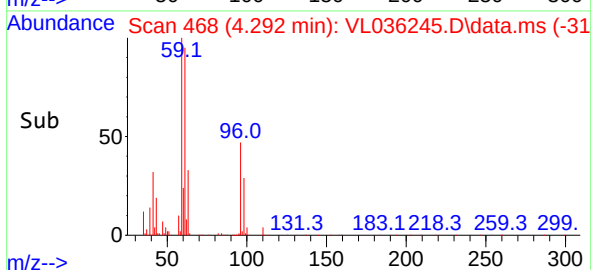
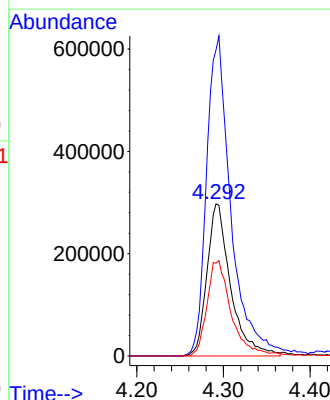
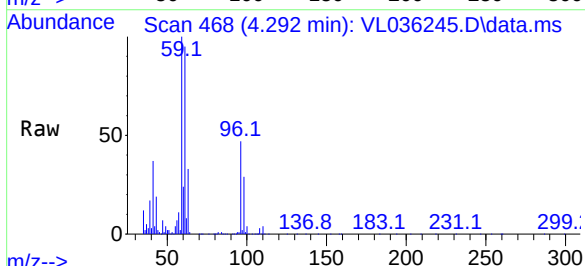
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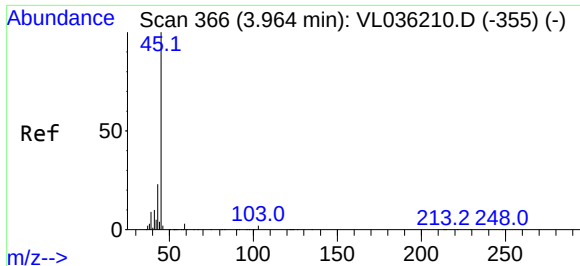
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#18
1,1-Dichloroethene
Concen: 9.78 ppbv
RT: 4.292 min Scan# 468
Delta R.T. 0.010 min
Lab File: VL036245.D
Acq: 20 Jan 2021 13:14

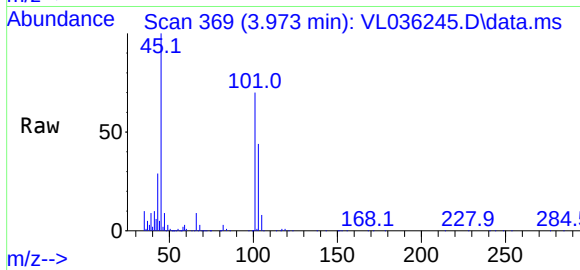
Tgt Ion: 96 Resp: 563598
Ion Ratio Lower Upper
96 100
61 201.2 173.4 260.0
98 61.1 54.9 82.3





#19
Isopropyl Alcohol
Concen: 10.54 ppbv
RT: 3.973 min Scan# 369
Delta R.T. 0.010 min
Lab File: VL036245.D
Acq: 20 Jan 2021 13:14

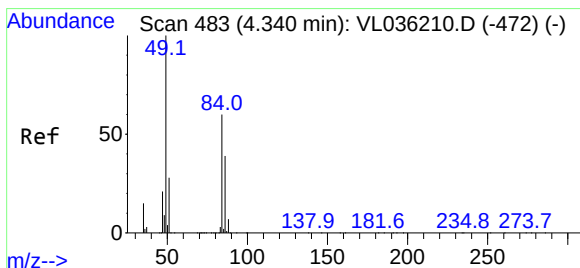
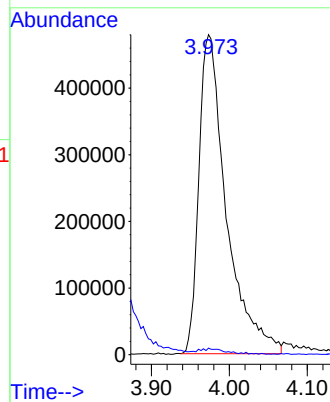
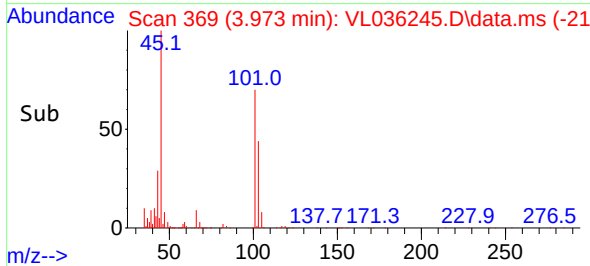
Instrument :
MSVOA_L
ClientSampleId :
VL0120ABS01



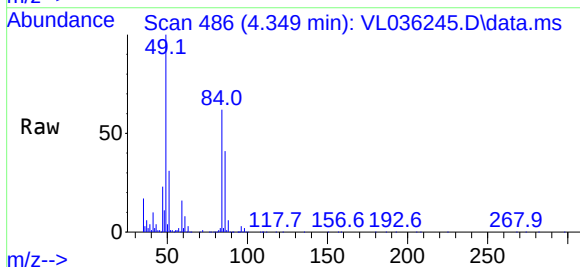
Tgt Ion: 45 Resp: 1171009
Ion Ratio Lower Upper
45 100
58 1.9 1.9 2.9#

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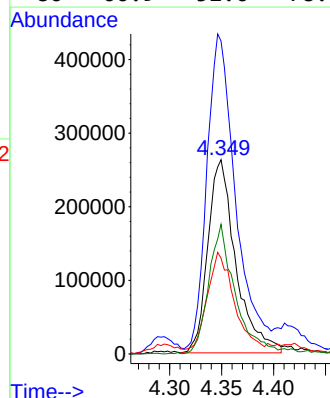
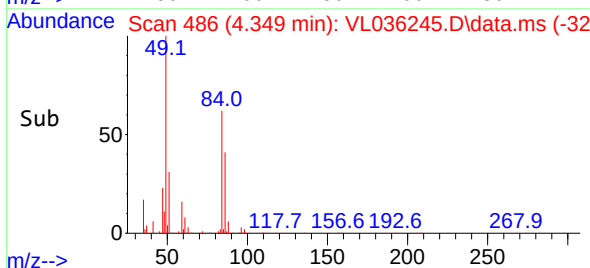
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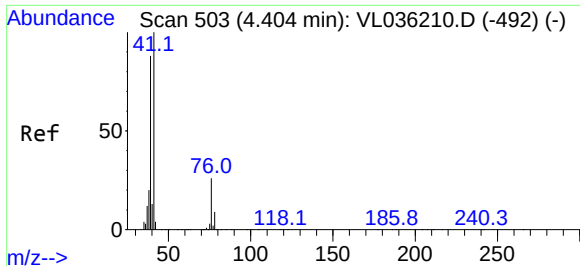


#20
Methylene Chloride
Concen: 8.37 ppbv
RT: 4.349 min Scan# 486
Delta R.T. 0.010 min
Lab File: VL036245.D
Acq: 20 Jan 2021 13:14



Tgt Ion: 84 Resp: 491952
Ion Ratio Lower Upper
84 100
49 158.9 134.1 201.1
51 47.0 37.4 56.0
86 66.9 52.6 78.8





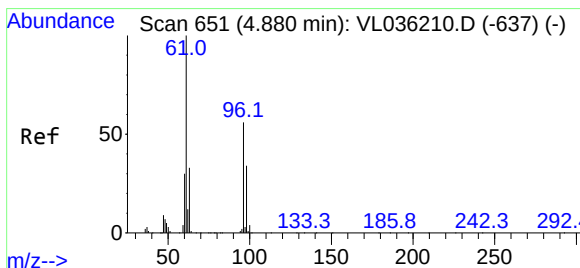
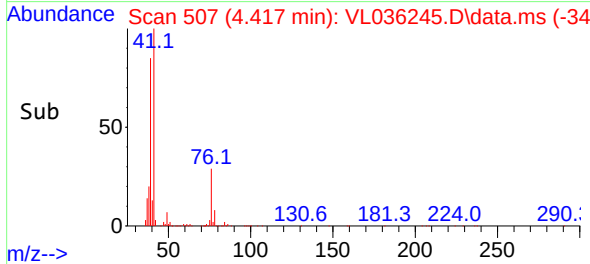
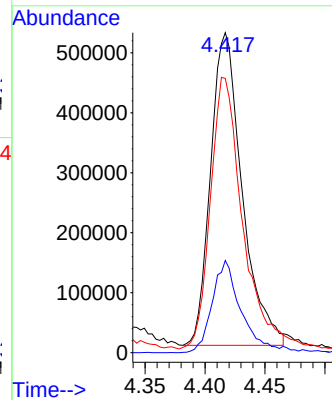
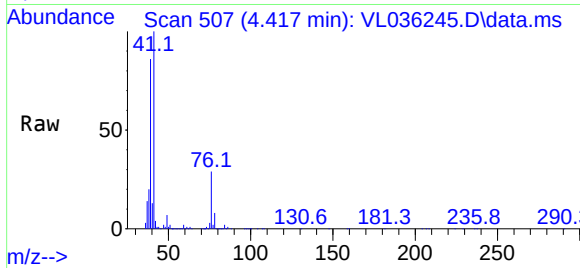
#21
 Allyl Chloride
 Concen: 9.50 ppbv
 RT: 4.417 min Scan# 507
 Delta R.T. 0.013 min
 Lab File: VL036245.D
 Acq: 20 Jan 2021 13:14

Tgt Ion: 41 Resp: 953065
 Ion Ratio Lower Upper
 41 100
 76 27.8 20.5 30.7
 39 91.9 67.8 101.8

Instrument :
 MSVOA_L
 ClientSampled :
 VL0120ABS01

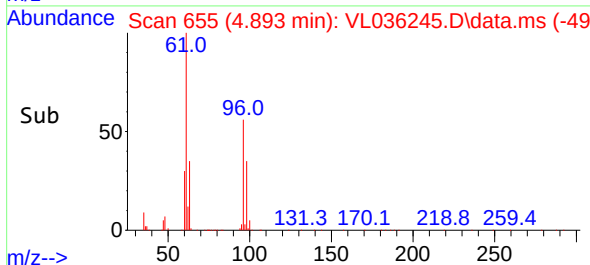
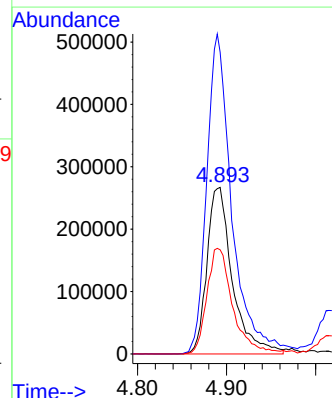
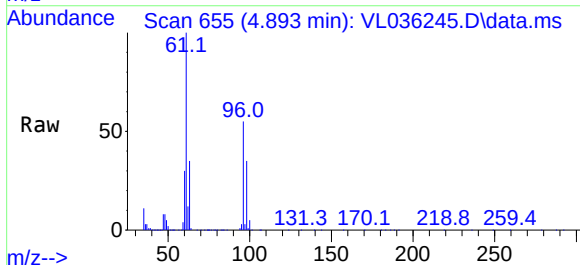
Manual Integrations
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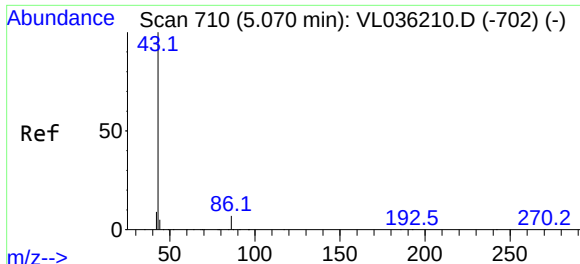
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#22
 trans-1,2-Dichloroethene
 Concen: 9.96 ppbv
 RT: 4.893 min Scan# 655
 Delta R.T. 0.013 min
 Lab File: VL036245.D
 Acq: 20 Jan 2021 13:14

Tgt Ion: 96 Resp: 530389
 Ion Ratio Lower Upper
 96 100
 61 180.8 142.7 214.1
 98 62.5 48.7 73.1





#23
 Vinyl Acetate
 Concen: 10.30 ppbv
 RT: 5.079 min Scan# 713
 Delta R.T. 0.010 min
 Lab File: VL036245.D
 Acq: 20 Jan 2021 13:14

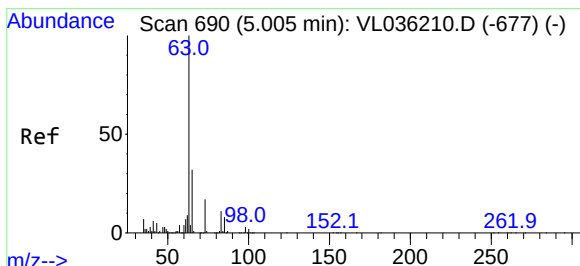
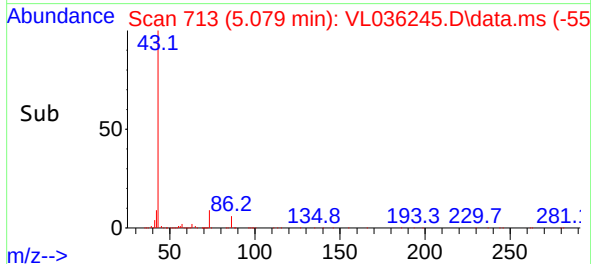
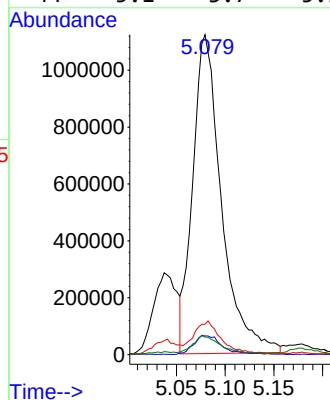
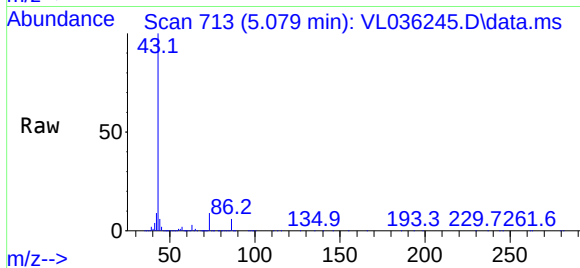
Tgt Ion: 43 Resp: 2298549

Ion	Ratio	Lower	Upper
43	100		
86	5.8	4.9	7.3
42	9.4	7.8	11.6
44	5.1	3.7	5.5

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0120ABS01

Manual Integrations
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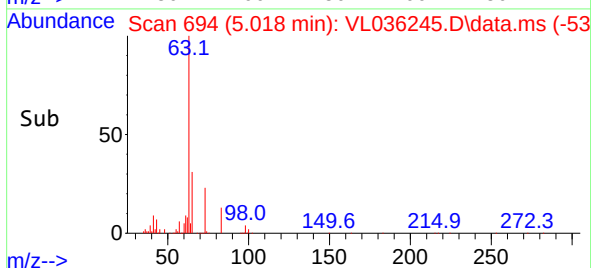
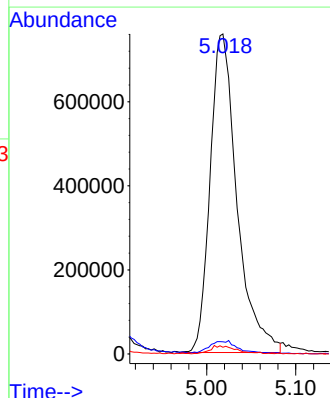
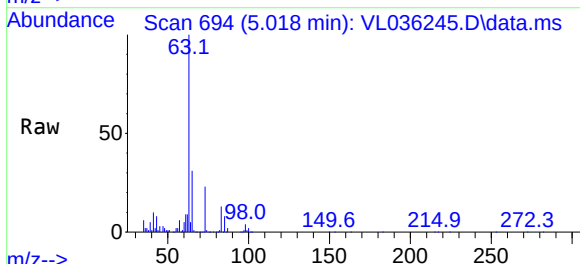
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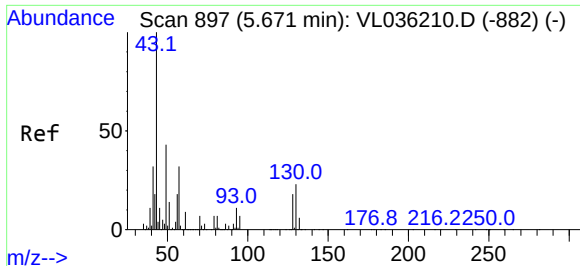


#24
 1,1-Dichloroethane
 Concen: 9.82 ppbv
 RT: 5.018 min Scan# 694
 Delta R.T. 0.013 min
 Lab File: VL036245.D
 Acq: 20 Jan 2021 13:14

Tgt Ion: 63 Resp: 1587605

Ion	Ratio	Lower	Upper
63	100		
98	3.6	1.7	5.1
100	2.0	1.1	3.1





#25
Ethyl Acetate
Concen: 9.30 ppbv
RT: 5.684 min Scan# 901
Delta R.T. 0.013 min
Lab File: VL036245.D
Acq: 20 Jan 2021 13:14

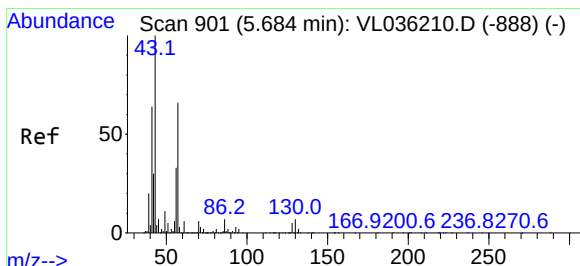
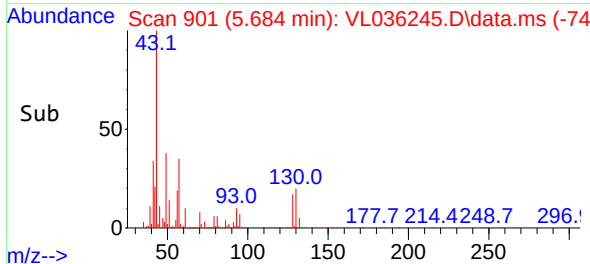
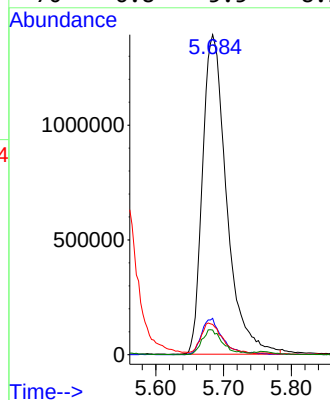
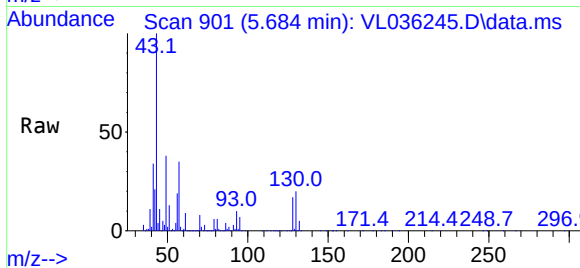
Tgt Ion: 43 Resp: 3439356

Ion	Ratio	Lower	Upper
43	100		
45	10.2	8.3	12.5
61	9.6	7.4	11.2
70	6.8	5.5	8.3

Instrument :
MSVOA_L
ClientSampleId :
VL0120ABS01

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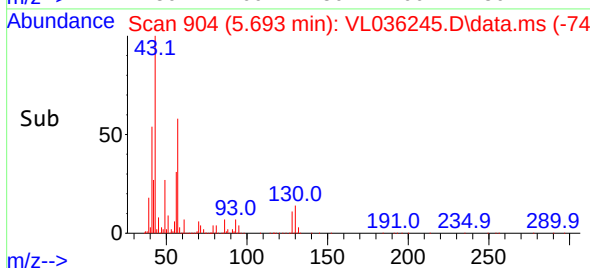
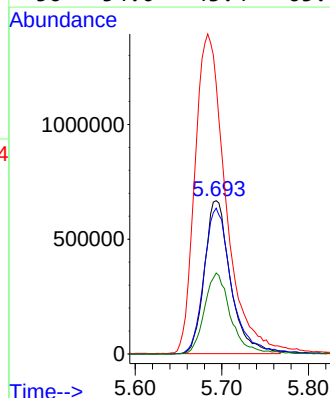
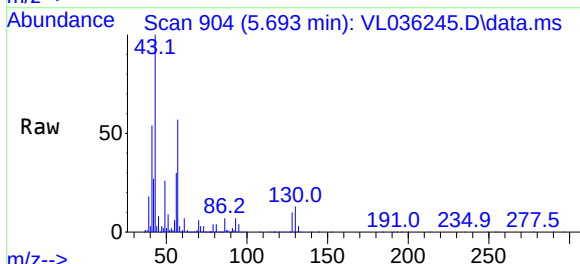
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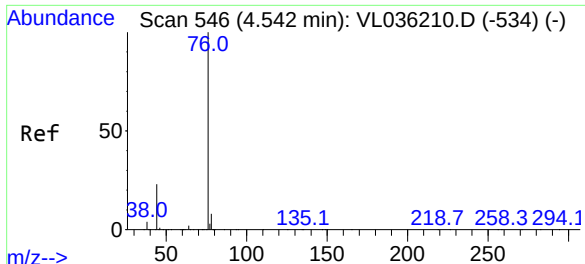


#26
Hexane
Concen: 9.02 ppbv
RT: 5.693 min Scan# 904
Delta R.T. 0.010 min
Lab File: VL036245.D
Acq: 20 Jan 2021 13:14

Tgt Ion: 57 Resp: 1388965

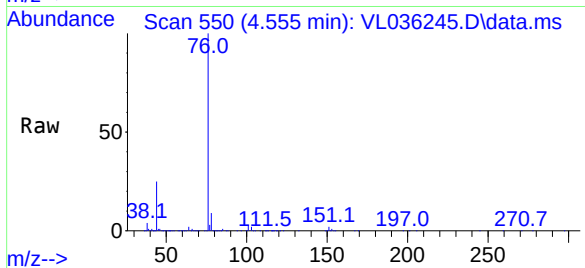
Ion	Ratio	Lower	Upper
57	100		
41	102.0	83.0	124.6
43	250.7	202.4	303.6
56	54.0	43.4	65.0





#27
Carbon Disulfide
Concen: 11.21 ppbv
RT: 4.555 min Scan# 550
Delta R.T. 0.013 min
Lab File: VL036245.D
Acq: 20 Jan 2021 13:14

Instrument :
MSVOA_L
ClientSampleId :
VL0120ABS01

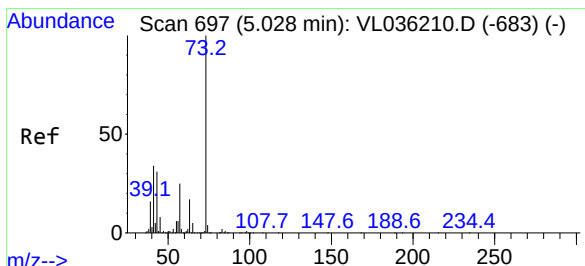
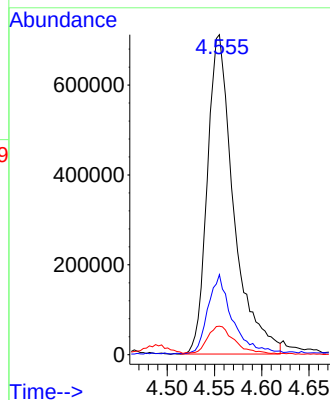
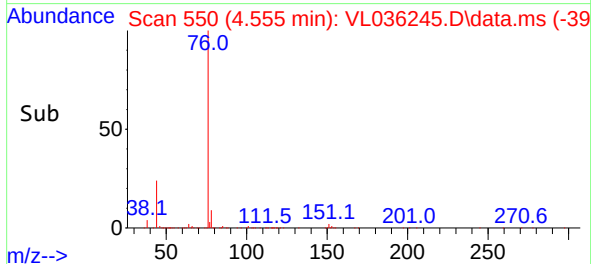


Tgt Ion: 76 Resp: 1380858

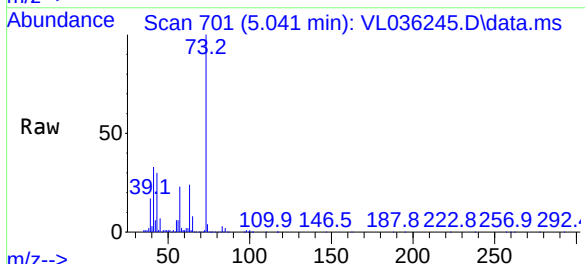
Ion	Ratio	Lower	Upper
76	100		
44	23.4	19.0	28.6
78	9.9	8.0	12.0

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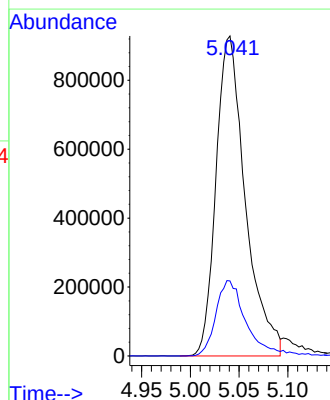
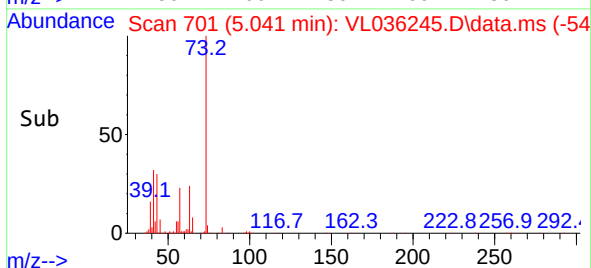


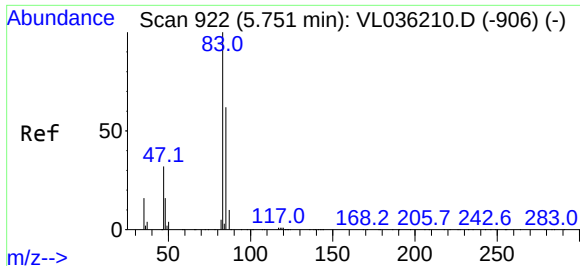
#28
Methyl tert-Butyl Ether
Concen: 9.34 ppbv
RT: 5.041 min Scan# 701
Delta R.T. 0.013 min
Lab File: VL036245.D
Acq: 20 Jan 2021 13:14



Tgt Ion: 73 Resp: 1944008

Ion	Ratio	Lower	Upper
73	100		
57	24.4	20.4	30.6





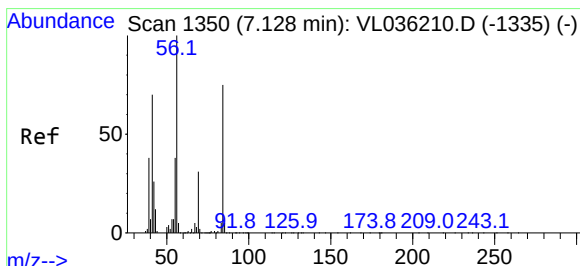
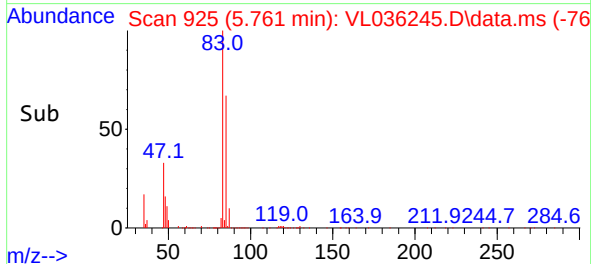
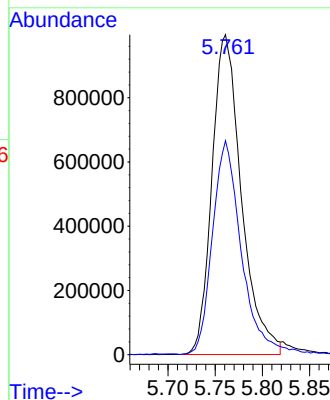
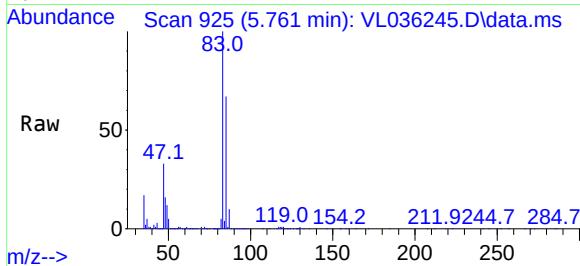
#29
Chloroform
Concen: 9.79 ppbv
RT: 5.761 min Scan# 925
Delta R.T. 0.010 min
Lab File: VL036245.D
Acq: 20 Jan 2021 13:14

Instrument :
MSVOA_L
ClientSampleId :
VL0120ABS01

Tgt Ion: 83 Resp: 2158869
Ion Ratio Lower Upper
83 100
85 66.8 49.3 73.9

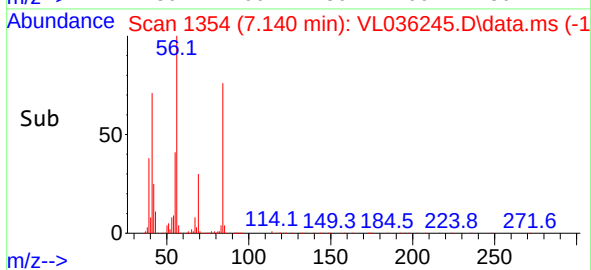
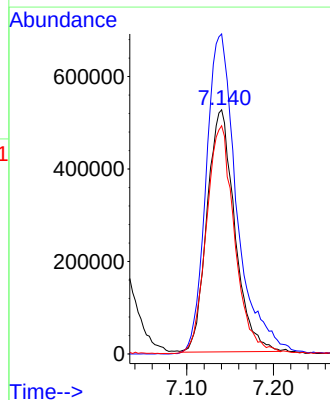
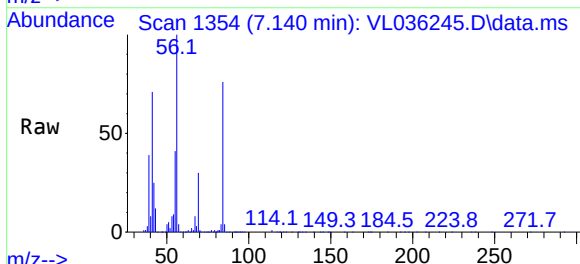
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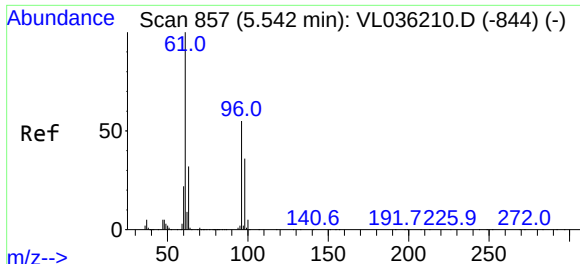
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#30
Cyclohexane
Concen: 9.91 ppbv
RT: 7.140 min Scan# 1354
Delta R.T. 0.013 min
Lab File: VL036245.D
Acq: 20 Jan 2021 13:14

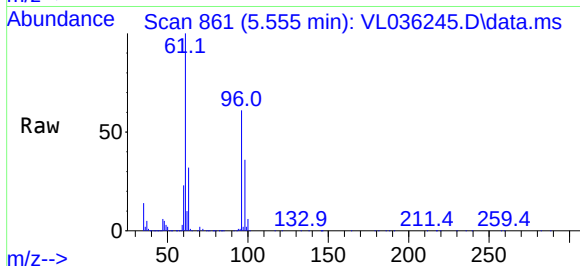
Tgt Ion: 84 Resp: 1166257
Ion Ratio Lower Upper
84 100
56 147.9 119.4 179.0
41 96.3 79.4 119.0





#31
cis-1,2-Dichloroethene
Concen: 9.88 ppbv
RT: 5.555 min Scan# 861
Delta R.T. 0.013 min
Lab File: VL036245.D
Acq: 20 Jan 2021 13:14

Instrument :
MSVOA_L
ClientSampleId :
VL0120ABS01

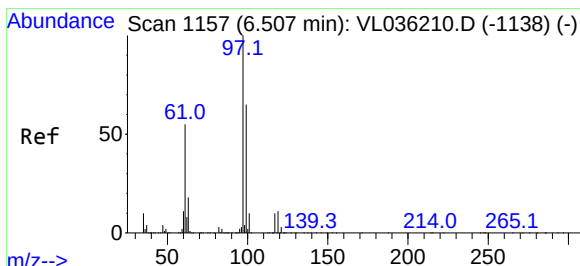
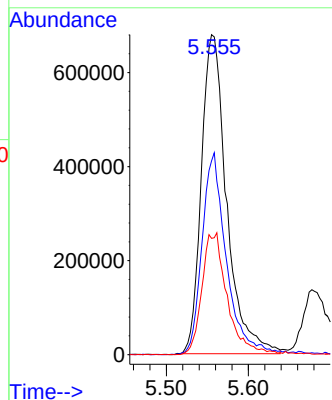
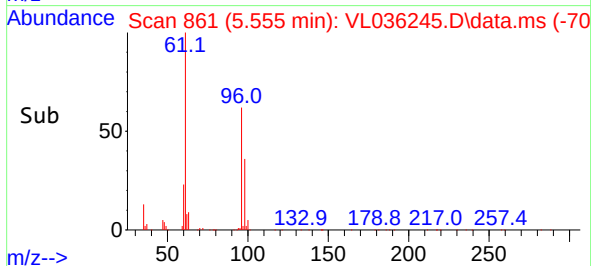


Tgt Ion: 61 Resp: 1453903

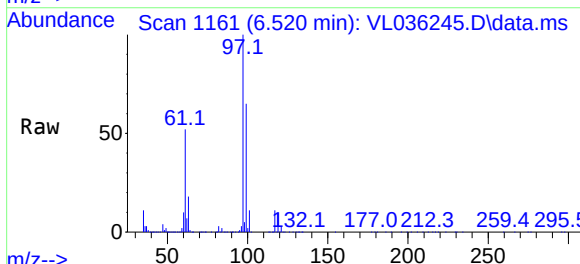
Ion	Ratio	Lower	Upper
61	100		
96	60.5	44.1	66.1
98	36.4	28.6	42.8

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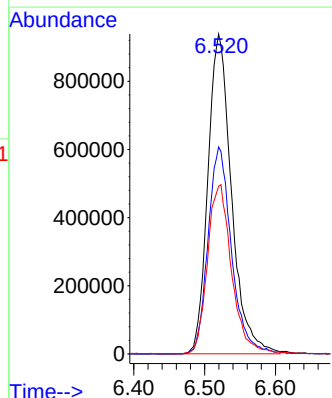
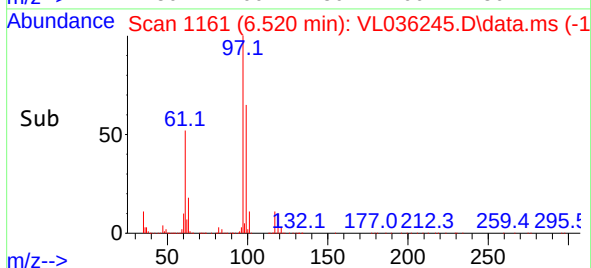


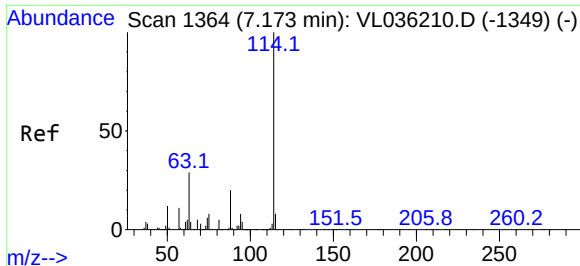
#32
1,1,1-Trichloroethane
Concen: 10.18 ppbv
RT: 6.520 min Scan# 1161
Delta R.T. 0.013 min
Lab File: VL036245.D
Acq: 20 Jan 2021 13:14



Tgt Ion: 97 Resp: 2170294

Ion	Ratio	Lower	Upper
97	100		
99	64.8	52.0	78.0
61	54.4	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: VL036245.D
Acq: 20 Jan 2021 13:14

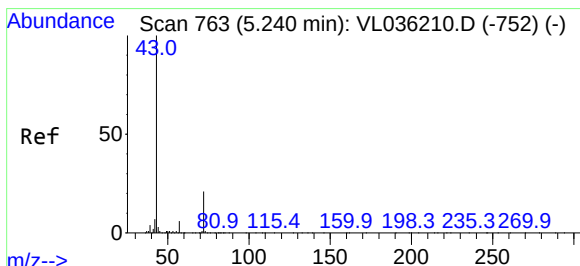
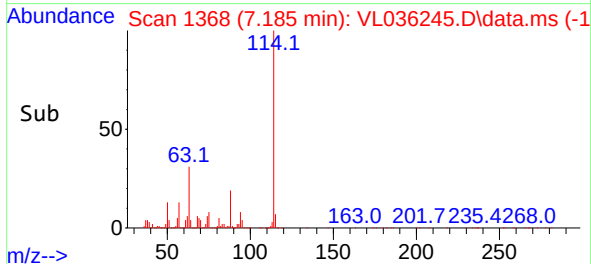
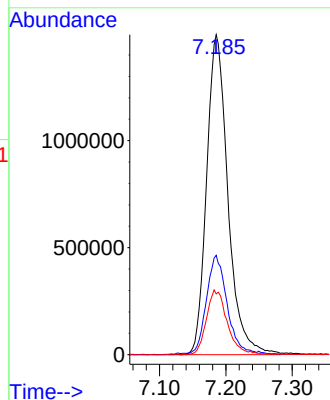
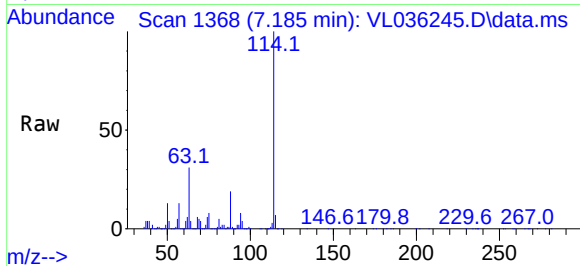
Tgt Ion: 114 Resp: 3331621

Ion	Ratio	Lower	Upper
114	100		
63	30.9	24.7	37.1
88	20.1	16.6	24.8

Instrument :
MSVOA_L
ClientSampleId :
VL0120ABS01

Manual Integrations
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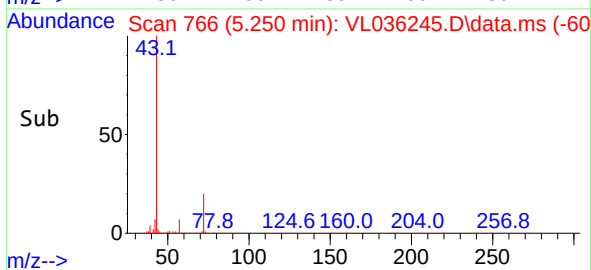
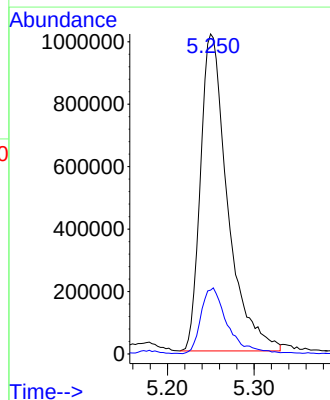
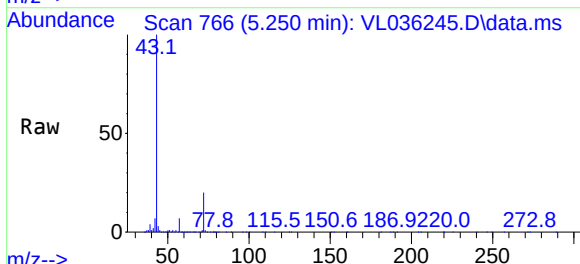
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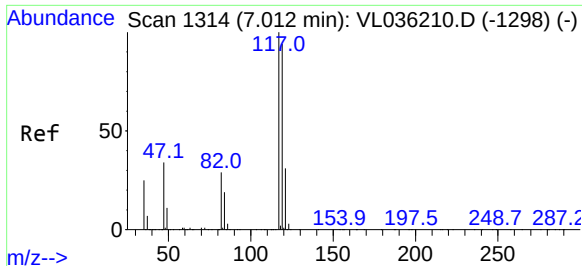


#34
2-Butanone
Concen: 9.00 ppbv
RT: 5.250 min Scan# 766
Delta R.T. 0.010 min
Lab File: VL036245.D
Acq: 20 Jan 2021 13:14

Tgt Ion: 43 Resp: 2207469

Ion	Ratio	Lower	Upper
43	100		
72	20.6	16.1	24.1





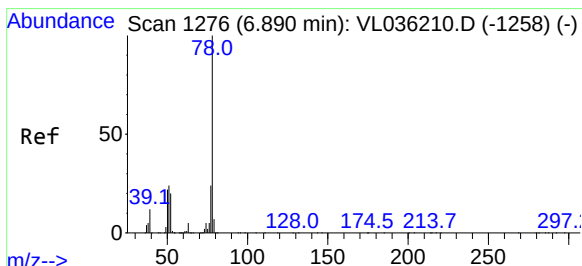
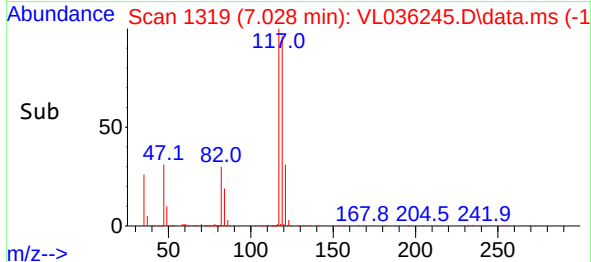
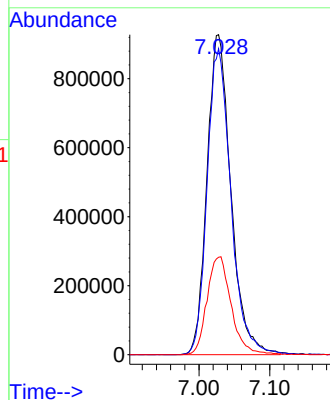
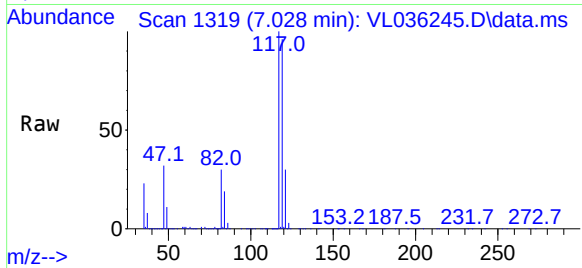
#35
Carbon Tetrachloride
Concen: 10.33 ppbv
RT: 7.028 min Scan# 1319
Delta R.T. 0.016 min
Lab File: VL036245.D
Acq: 20 Jan 2021 13:14

Instrument :
MSVOA_L
ClientSampled :
VL0120ABS01

Tgt Ion: 117 Resp: 2173553
Ion Ratio Lower Upper
117 100
119 95.6 74.9 112.3
121 30.5 25.0 37.6

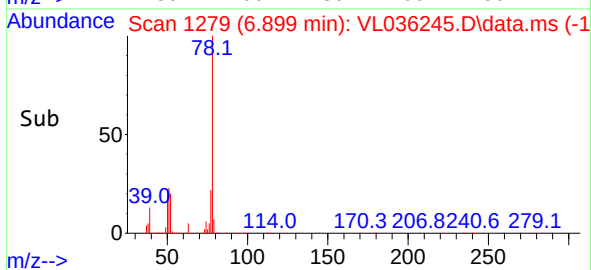
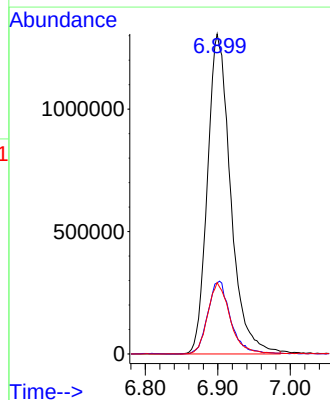
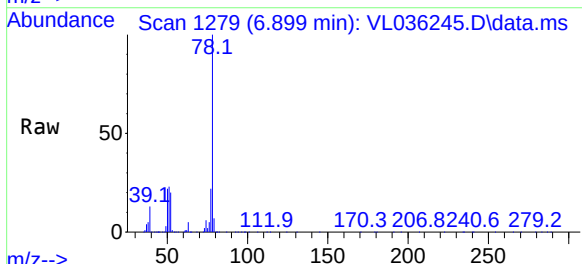
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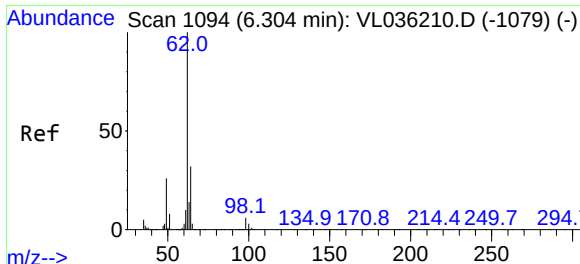
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#36
Benzene
Concen: 9.52 ppbv
RT: 6.899 min Scan# 1279
Delta R.T. 0.010 min
Lab File: VL036245.D
Acq: 20 Jan 2021 13:14

Tgt Ion: 78 Resp: 2905503
Ion Ratio Lower Upper
78 100
77 22.2 19.4 29.0
50 22.3 17.4 26.2





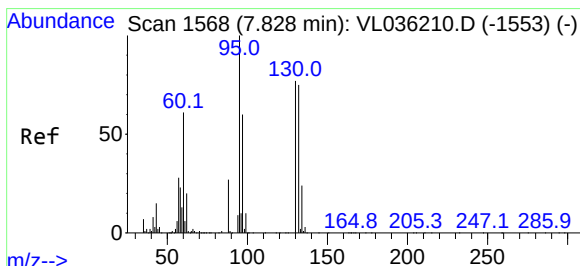
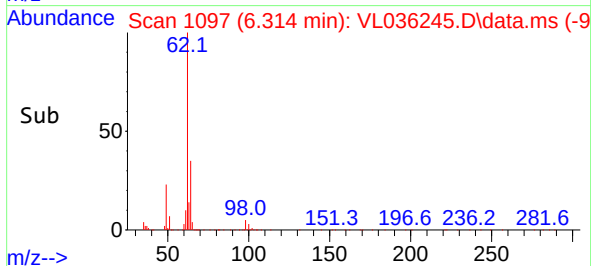
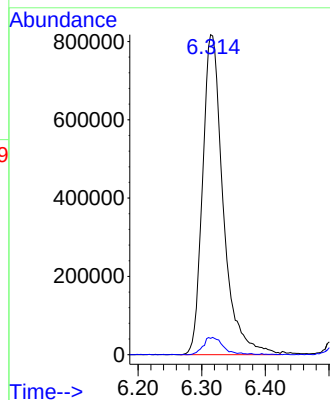
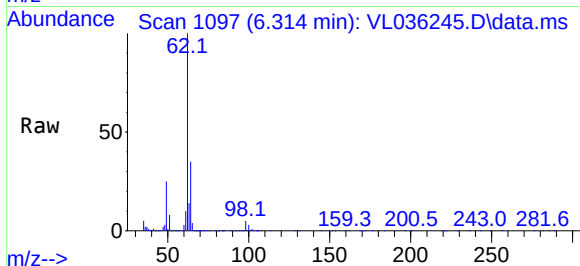
#37
1,2-Dichloroethane
Concen: 10.02 ppbv
RT: 6.314 min Scan# 1097
Delta R.T. 0.010 min
Lab File: VL036245.D
Acq: 20 Jan 2021 13:14

Tgt Ion: 62 Resp: 1840194
Ion Ratio Lower Upper
62 100
98 5.4 4.4 6.6

Instrument :
MSVOA_L
ClientSampleId :
VL0120ABS01

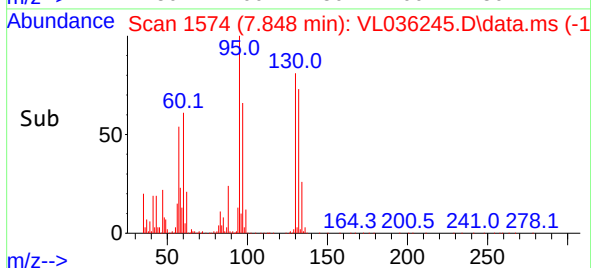
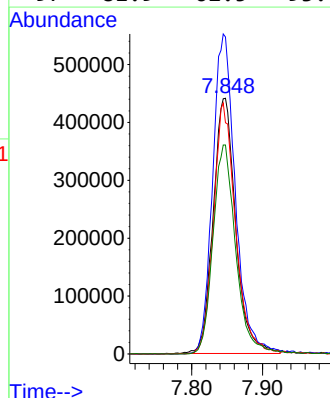
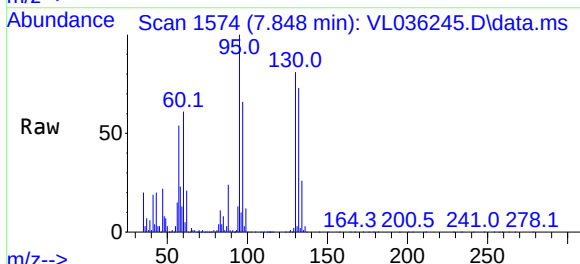
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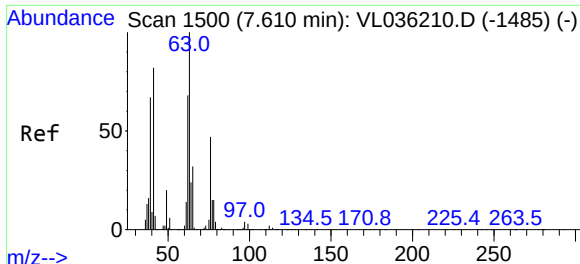
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#38
Trichloroethene
Concen: 8.62 ppbv
RT: 7.848 min Scan# 1574
Delta R.T. 0.019 min
Lab File: VL036245.D
Acq: 20 Jan 2021 13:14

Tgt Ion: 130 Resp: 975007
Ion Ratio Lower Upper
130 100
95 124.2 103.9 155.9
132 90.4 77.4 116.2
97 81.9 62.5 93.7





#39
1,2-Dichloropropane
Concen: 9.50 ppbv
RT: 7.623 min Scan# 1504
Delta R.T. 0.013 min
Lab File: VL036245.D
Acq: 20 Jan 2021 13:14

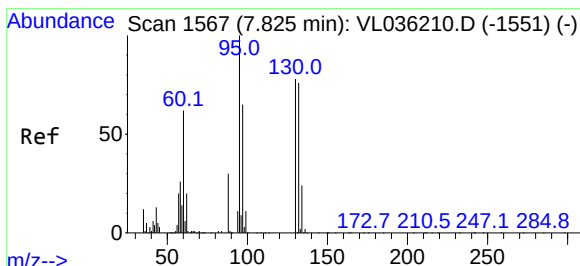
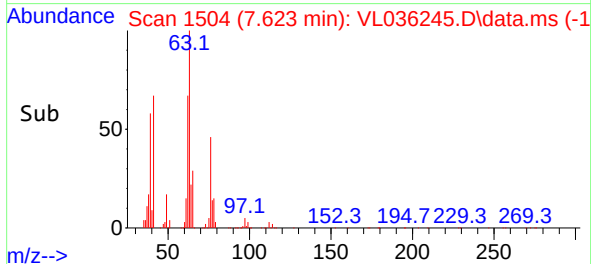
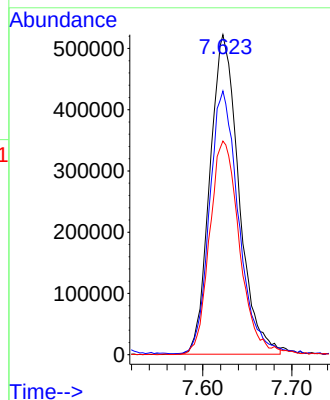
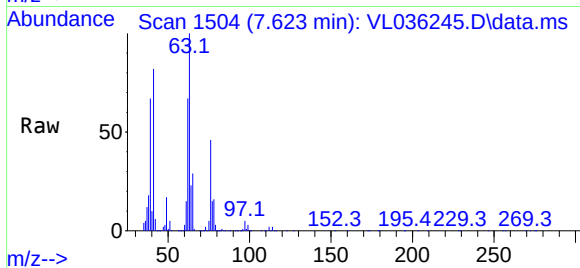
Instrument :
MSVOA_L
ClientSampleId :
VL0120ABS01

Tgt Ion: 63 Resp: 1177908

Ion	Ratio	Lower	Upper
63	100		
41	82.2	66.1	99.1
62	66.7	54.8	82.2

Manual Integrations
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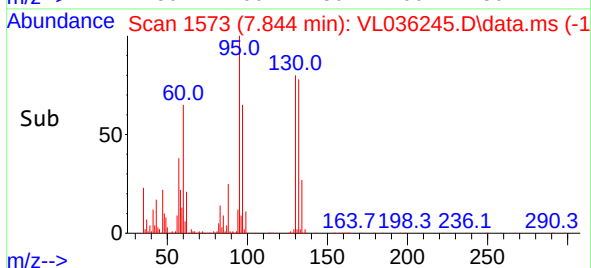
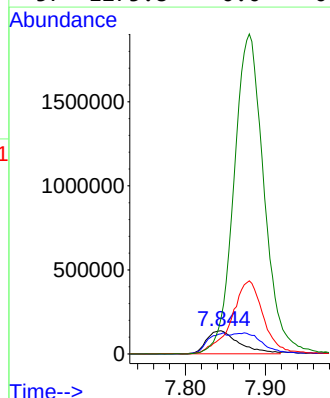
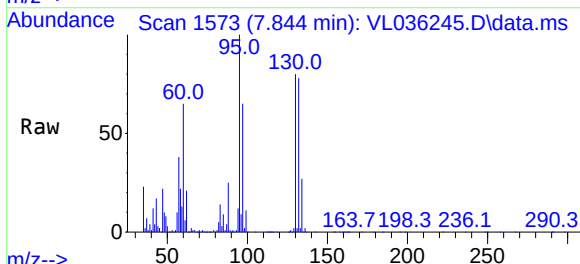
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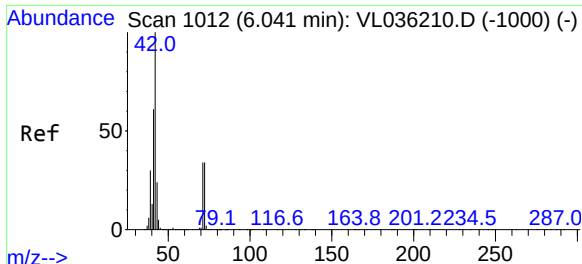


#40
1,4-Dioxane
Concen: 8.73 ppbv
RT: 7.844 min Scan# 1573
Delta R.T. 0.019 min
Lab File: VL036245.D
Acq: 20 Jan 2021 13:14

Tgt Ion: 88 Resp: 391403

Ion	Ratio	Lower	Upper
88	100		
58	144.8	123.0	184.6
43	309.5	0.0	0.0#
57	1275.8	0.0	0.0#





#41
Tetrahydrofuran
Concen: 9.37 ppbv
RT: 6.053 min Scan# 1016
Delta R.T. 0.013 min
Lab File: VL036245.D
Acq: 20 Jan 2021 13:14

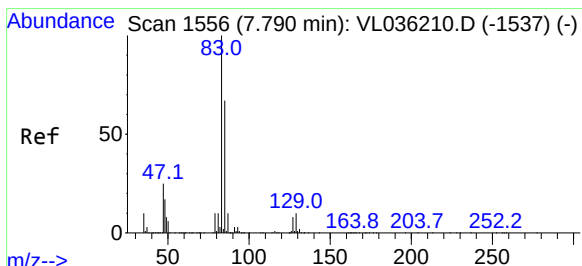
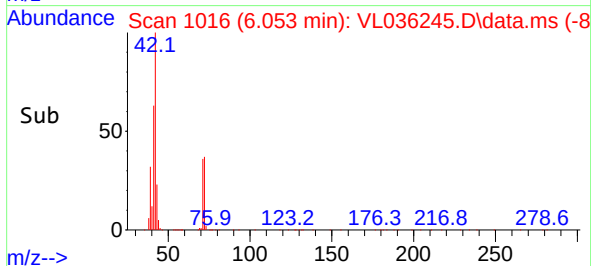
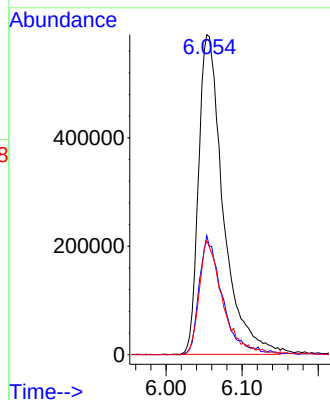
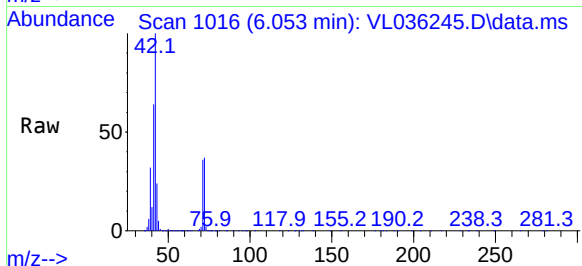
Tgt Ion: 42 Resp: 1328404

Ion	Ratio	Lower	Upper
42	100		
72	35.2	29.5	44.3
71	34.5	29.1	43.7

Instrument :
MSVOA_L
ClientSampleId :
VL0120ABS01

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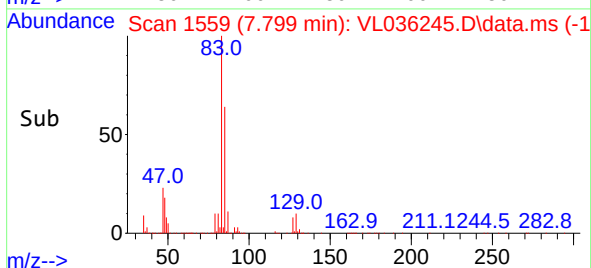
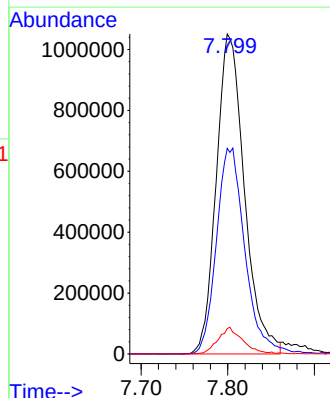
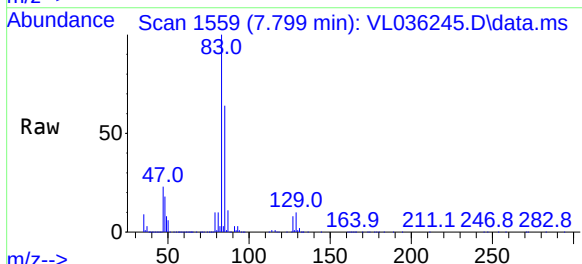
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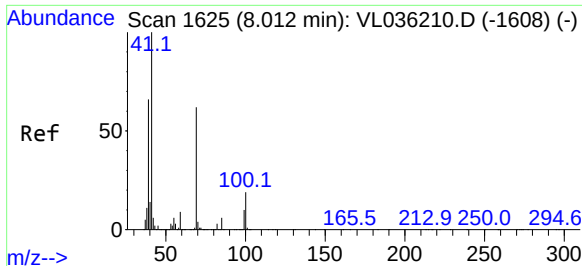


#42
Bromodichloromethane
Concen: 10.27 ppbv
RT: 7.799 min Scan# 1559
Delta R.T. 0.010 min
Lab File: VL036245.D
Acq: 20 Jan 2021 13:14

Tgt Ion: 83 Resp: 2370310

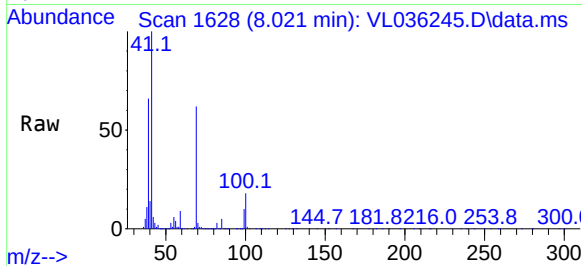
Ion	Ratio	Lower	Upper
83	100		
85	64.2	53.4	80.2
127	8.0	6.2	9.2





#43
Methyl Methacrylate
Concen: 9.89 ppbv
RT: 8.021 min Scan# 1628
Delta R.T. 0.010 min
Lab File: VL036245.D
Acq: 20 Jan 2021 13:14

Instrument :
MSVOA_L
ClientSampleId :
VL0120ABS01

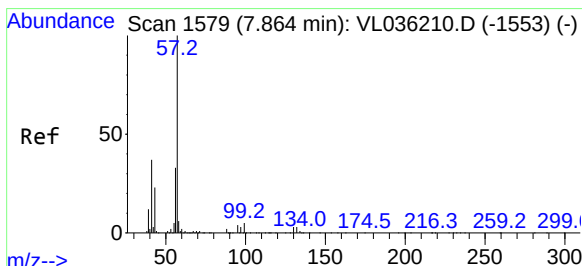
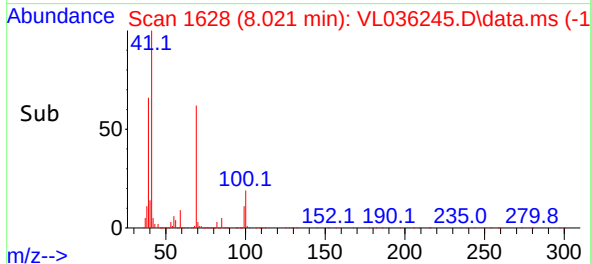
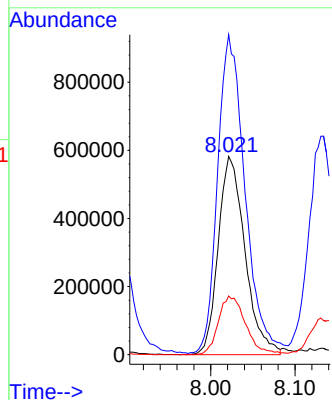


Tgt Ion: 69 Resp: 1283010

Ion	Ratio	Lower	Upper
69	100		
41	164.7	133.4	200.2
100	30.1	24.3	36.5

Manual Integrations
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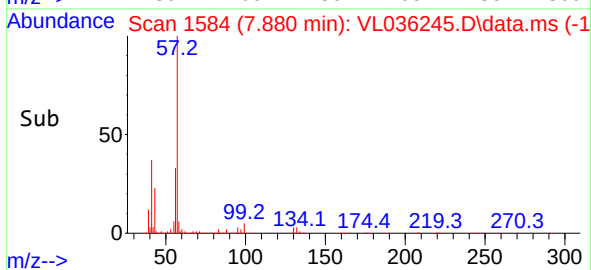
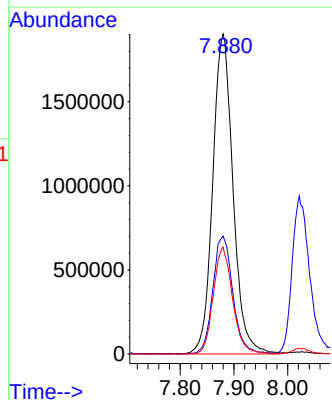
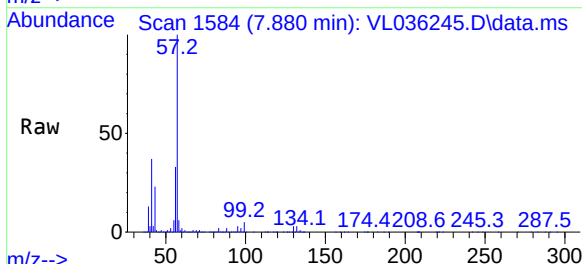
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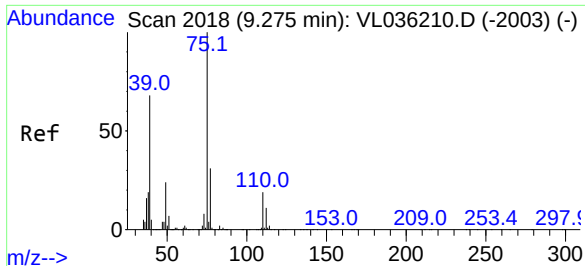


#44
2,2,4-Trimethylpentane
Concen: 8.89 ppbv
RT: 7.880 min Scan# 1584
Delta R.T. 0.016 min
Lab File: VL036245.D
Acq: 20 Jan 2021 13:14

Tgt Ion: 57 Resp: 4987204

Ion	Ratio	Lower	Upper
57	100		
41	36.1	28.5	42.7
56	31.7	25.5	38.3





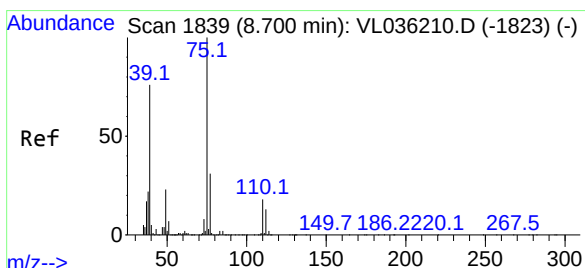
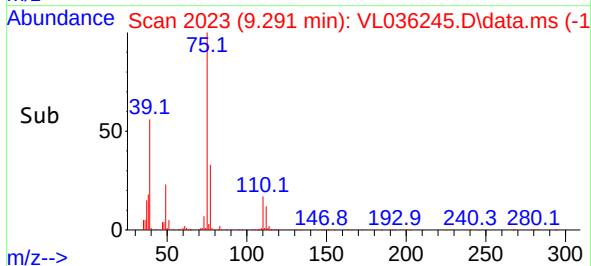
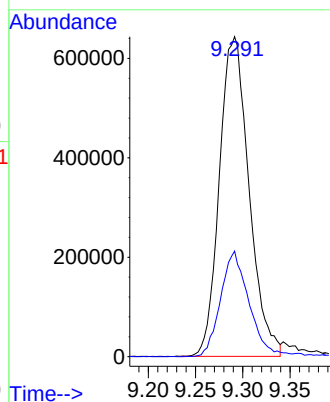
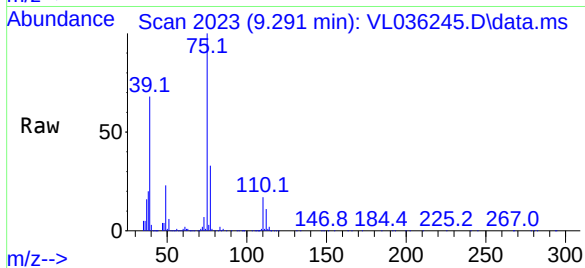
#45
t-1,3-Dichloropropene
Concen: 11.38 ppbv
RT: 9.291 min Scan# 2023
Delta R.T. 0.016 min
Lab File: VL036245.D
Acq: 20 Jan 2021 13:14

Tgt Ion: 75 Resp: 1402035
Ion Ratio Lower Upper
75 100
77 33.0 24.7 37.1

Instrument :
MSVOA_L
ClientSampleId :
VL0120ABS01

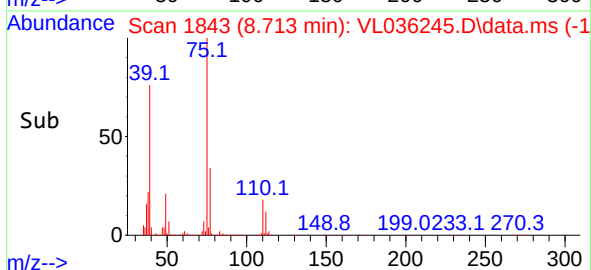
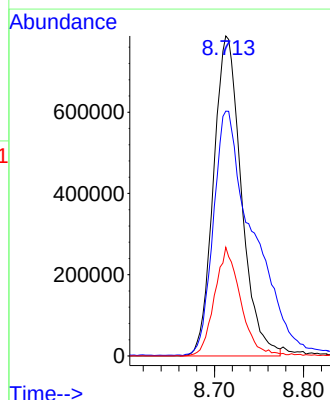
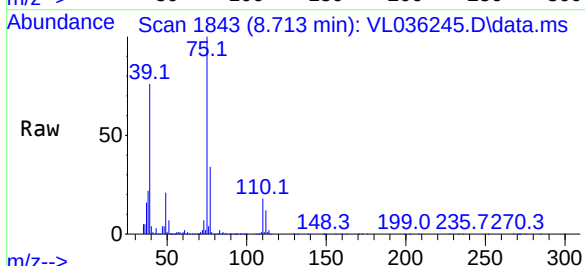
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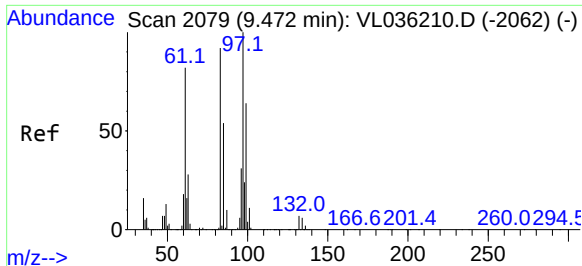
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#46
cis-1,3-Dichloropropene
Concen: 10.82 ppbv
RT: 8.713 min Scan# 1843
Delta R.T. 0.013 min
Lab File: VL036245.D
Acq: 20 Jan 2021 13:14

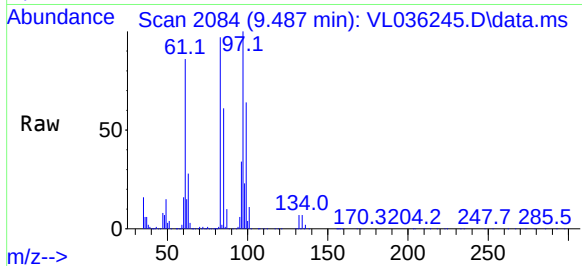
Tgt Ion: 75 Resp: 1713009
Ion Ratio Lower Upper
75 100
39 76.2 61.2 91.8
77 33.9 24.6 37.0





#47
1,1,2-Trichloroethane
Concen: 9.56 ppbv
RT: 9.487 min Scan# 2084
Delta R.T. 0.016 min
Lab File: VL036245.D
Acq: 20 Jan 2021 13:14

Instrument :
MSVOA_L
ClientSampled :
VL0120ABS01

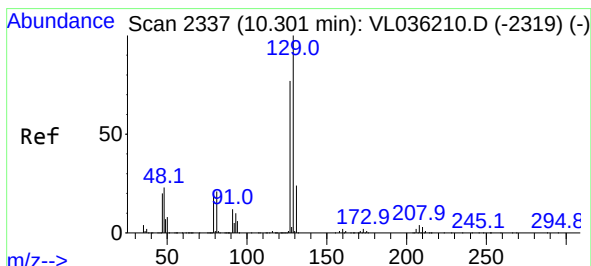
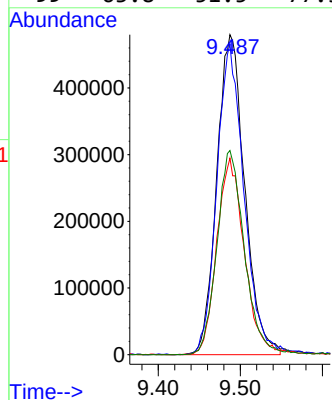
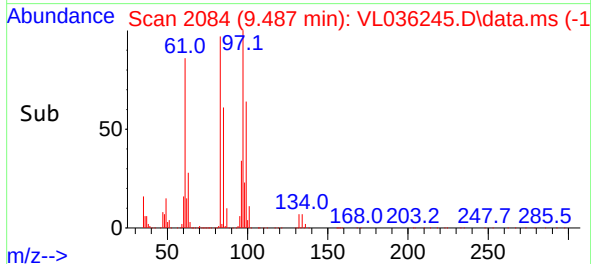


Tgt Ion: 97 Resp: 1133927

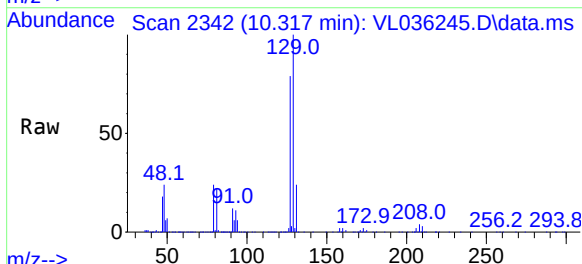
Ion	Ratio	Lower	Upper
97	100		
83	97.0	73.3	109.9
85	61.3	43.2	64.8
99	63.8	51.5	77.3

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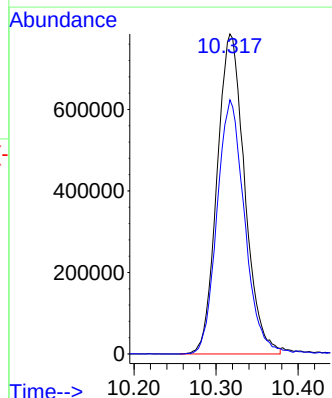
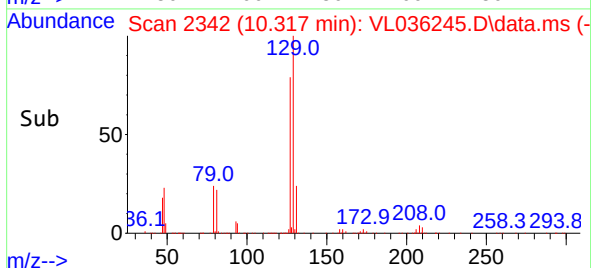


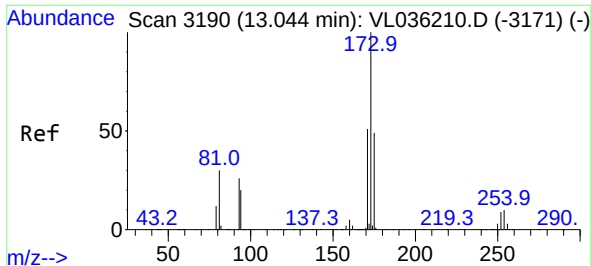
#48
Dibromochloromethane
Concen: 10.58 ppbv
RT: 10.317 min Scan# 2342
Delta R.T. 0.016 min
Lab File: VL036245.D
Acq: 20 Jan 2021 13:14



Tgt Ion: 129 Resp: 1835320

Ion	Ratio	Lower	Upper
129	100		
127	80.6	39.6	118.8





#49
Bromoform
Concen: 10.62 ppbv
RT: 13.056 min Scan# 3194
Delta R.T. 0.013 min
Lab File: VL036245.D
Acq: 20 Jan 2021 13:14

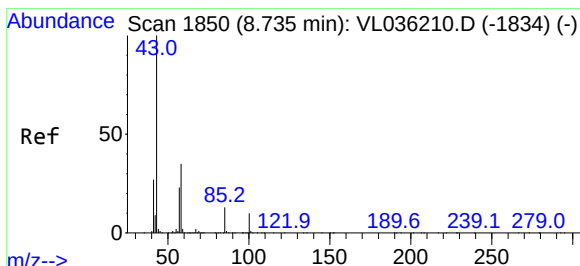
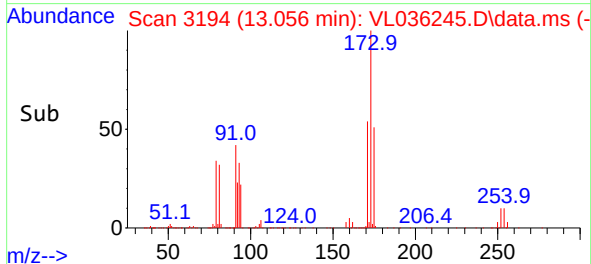
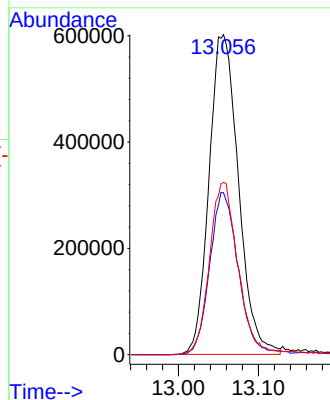
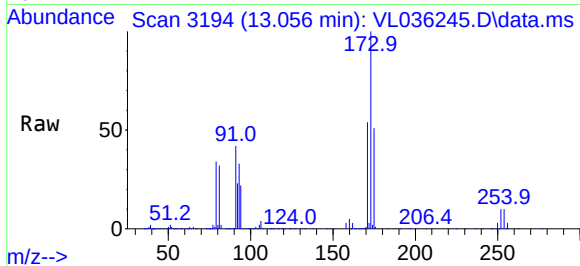
Tgt Ion: 173 Resp: 1537087

Ion	Ratio	Lower	Upper
173	100		
175	49.8	40.7	61.1
171	52.9	43.0	64.6

Instrument :
MSVOA_L
ClientSampleId :
VL0120ABS01

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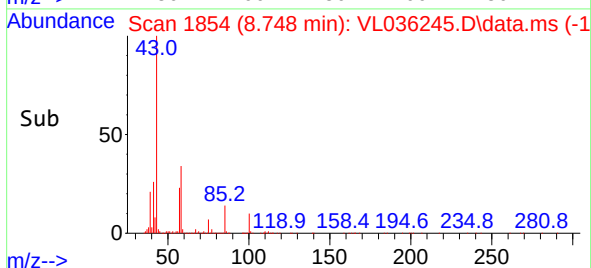
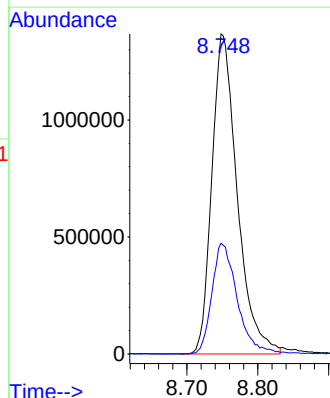
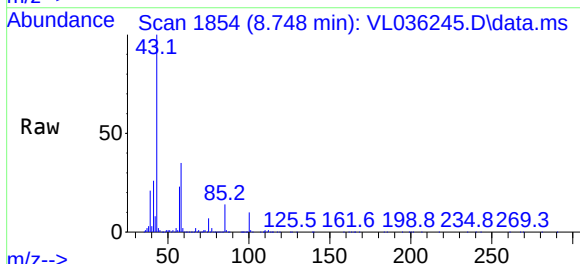
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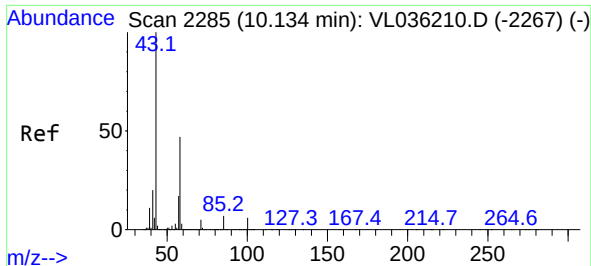


#50
4-Methyl-2-Pentanone
Concen: 9.29 ppbv
RT: 8.748 min Scan# 1854
Delta R.T. 0.013 min
Lab File: VL036245.D
Acq: 20 Jan 2021 13:14

Tgt Ion: 43 Resp: 3399056

Ion	Ratio	Lower	Upper
43	100		
58	34.8	27.6	41.4





#51
2-Hexanone
Concen: 9.81 ppbv
RT: 10.143 min Scan# 2288
Delta R.T. 0.010 min
Lab File: VL036245.D
Acq: 20 Jan 2021 13:14

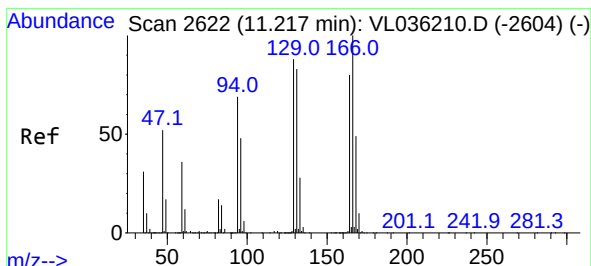
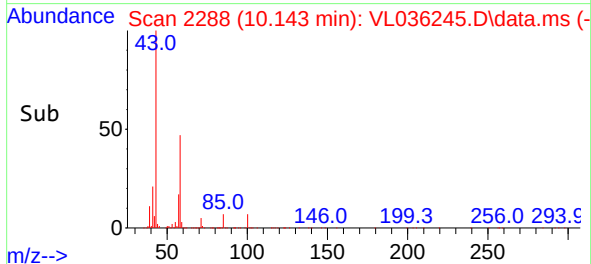
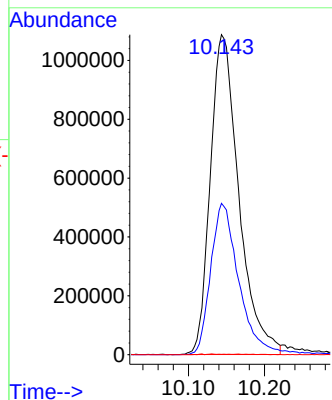
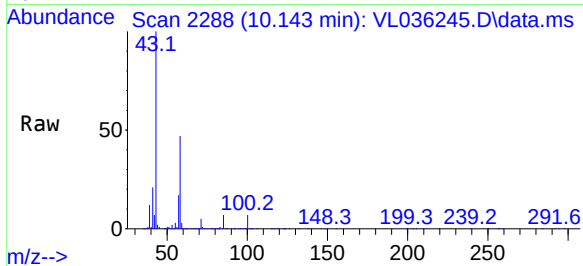
Tgt Ion: 43 Resp: 2831903

Ion	Ratio	Lower	Upper
43	100		
58	47.6	37.4	56.0
98	0.3	0.2	0.2#

Instrument :
MSVOA_L
ClientSampleId :
VL0120ABS01

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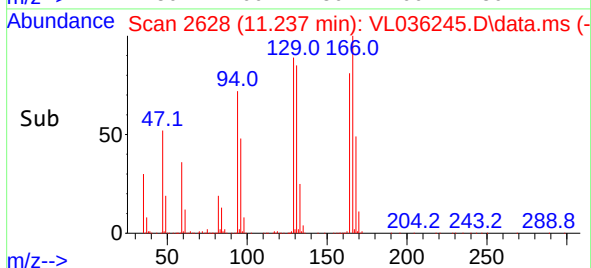
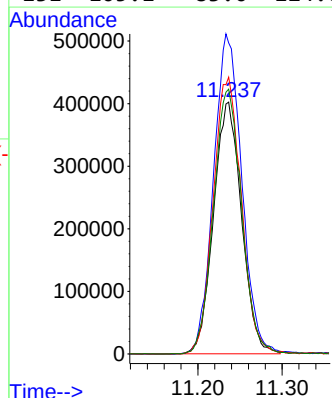
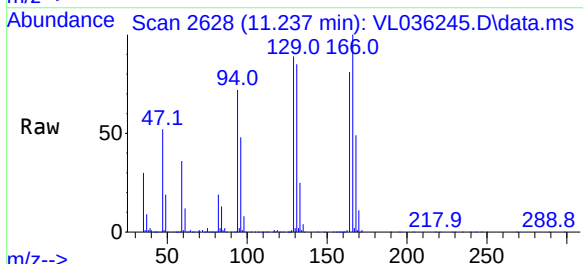
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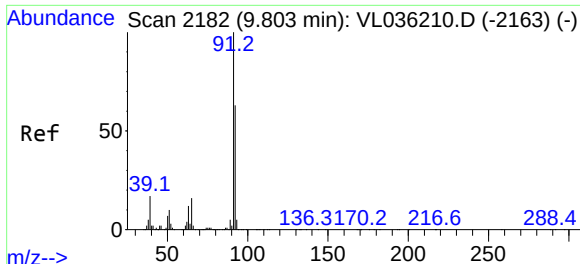


#52
Tetrachloroethene
Concen: 8.24 ppbv
RT: 11.237 min Scan# 2628
Delta R.T. 0.019 min
Lab File: VL036245.D
Acq: 20 Jan 2021 13:14

Tgt Ion: 164 Resp: 926542

Ion	Ratio	Lower	Upper
164	100		
166	123.5	99.9	149.9
129	109.9	88.2	132.4
131	105.1	83.0	124.6





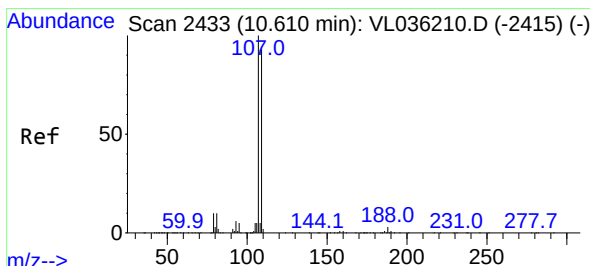
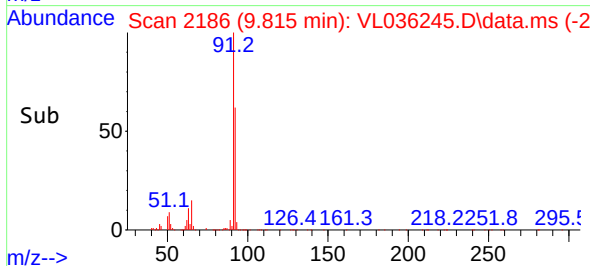
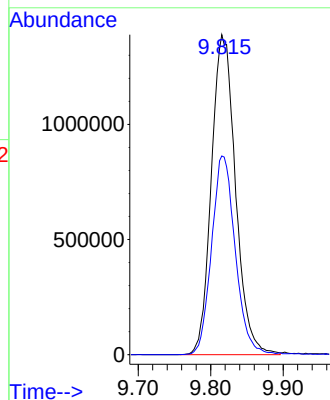
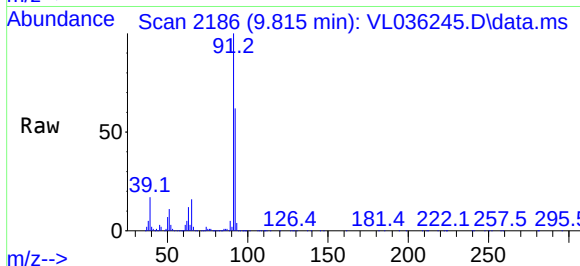
#53
Toluene
Concen: 9.39 ppbv
RT: 9.815 min Scan# 2186
Delta R.T. 0.013 min
Lab File: VL036245.D
Acq: 20 Jan 2021 13:14

Instrument :
MSVOA_L
ClientSampleId :
VL0120ABS01

Tgt Ion: 91 Resp: 3207581
Ion Ratio Lower Upper
91 100
92 61.5 48.5 72.7

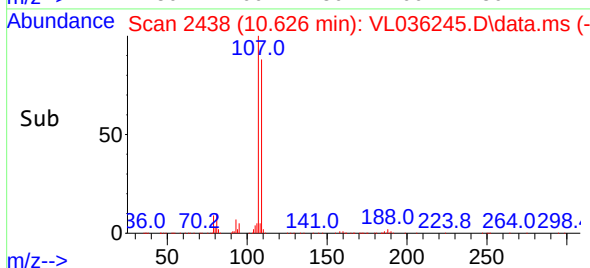
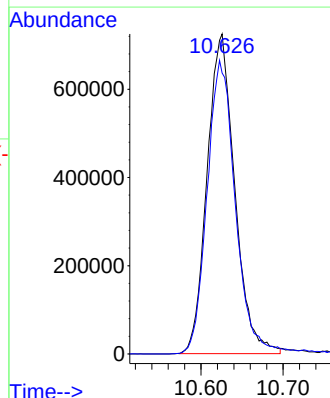
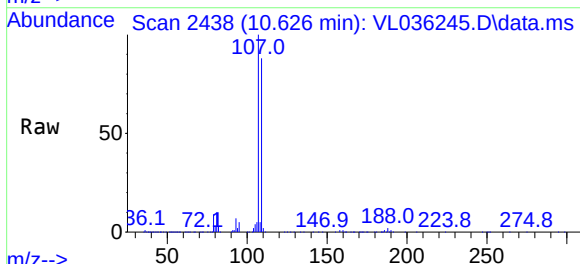
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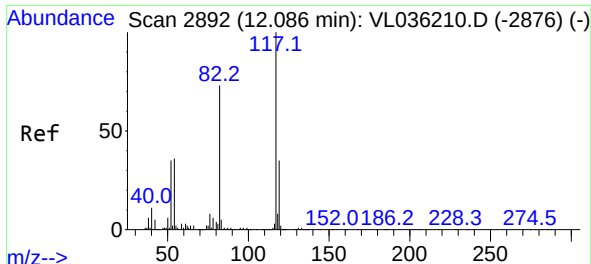
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#54
1,2-Dibromoethane
Concen: 9.67 ppbv
RT: 10.626 min Scan# 2438
Delta R.T. 0.016 min
Lab File: VL036245.D
Acq: 20 Jan 2021 13:14

Tgt Ion: 107 Resp: 1698996
Ion Ratio Lower Upper
107 100
109 87.7 74.5 111.7





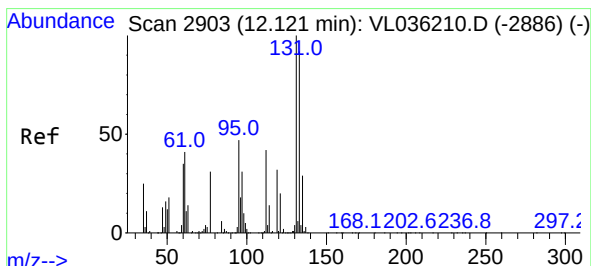
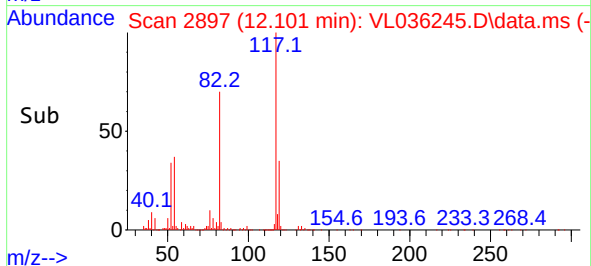
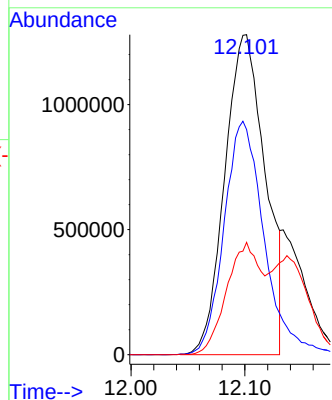
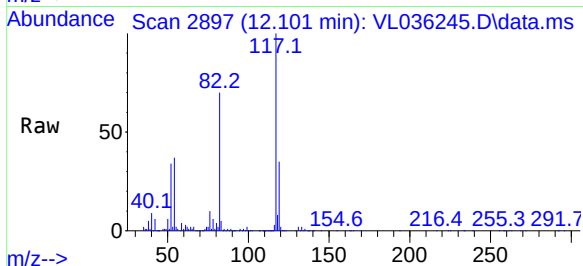
#55
Chlorobenzene-d5
Concen: 10.00 ppbv m
RT: 12.101 min Scan# 2897
Delta R.T. 0.016 min
Lab File: VL036245.D
Acq: 20 Jan 2021 13:14

Instrument :
MSVOA_L
ClientSampleId :
VL0120ABS01

Tgt Ion:117 Resp: 3153342
Ion Ratio Lower Upper
117 100
82 73.4 59.7 89.5
119 29.6 28.6 43.0

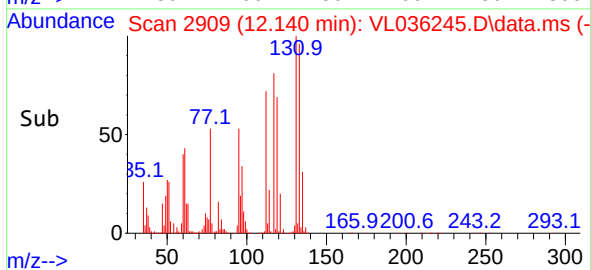
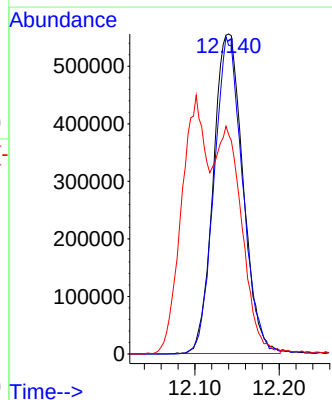
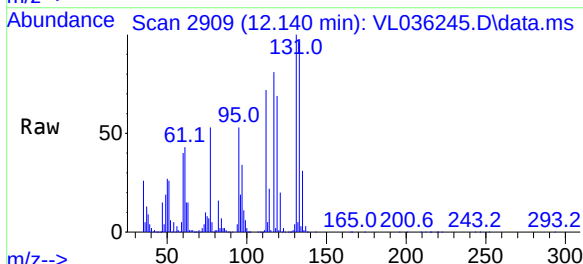
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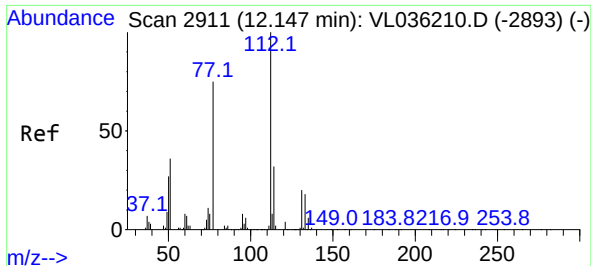
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#56
1,1,1,2-Tetrachloroethane
Concen: 9.64 ppbv
RT: 12.140 min Scan# 2909
Delta R.T. 0.019 min
Lab File: VL036245.D
Acq: 20 Jan 2021 13:14

Tgt Ion:131 Resp: 1356732
Ion Ratio Lower Upper
131 100
133 96.1 76.5 114.7
119 67.3 45.4 68.0





#57
Chlorobenzene
Concen: 9.06 ppbv
RT: 12.163 min Scan# 2916
Delta R.T. 0.016 min
Lab File: VL036245.D
Acq: 20 Jan 2021 13:14

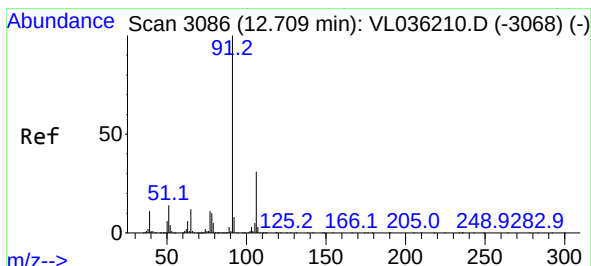
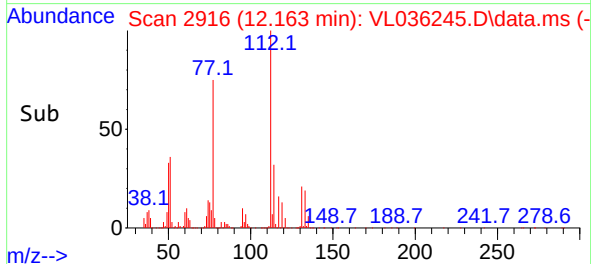
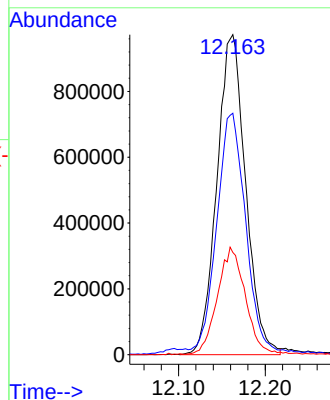
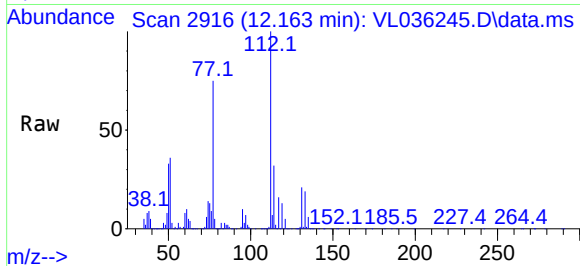
Tgt Ion: 112 Resp: 2241008

Ion	Ratio	Lower	Upper
112	100		
77	74.0	59.6	89.4
114	31.7	28.7	35.1

Instrument :
MSVOA_L
ClientSampleId :
VL0120ABS01

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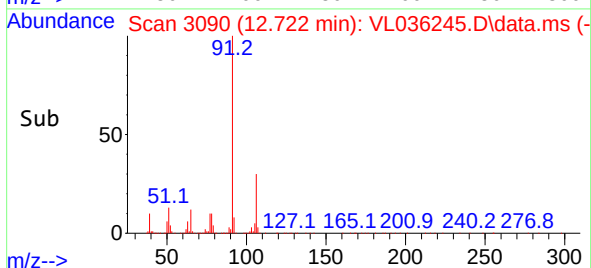
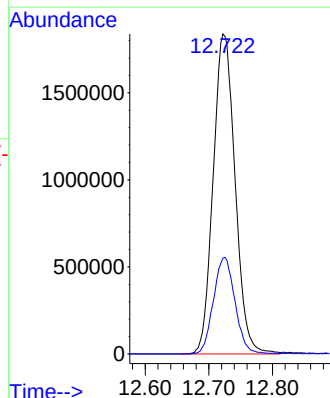
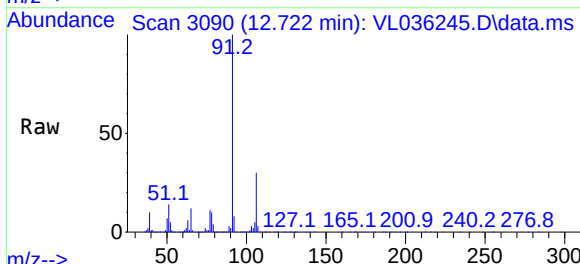
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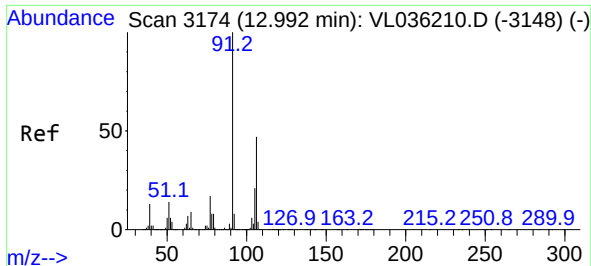


#58
Ethyl Benzene
Concen: 9.39 ppbv
RT: 12.722 min Scan# 3090
Delta R.T. 0.013 min
Lab File: VL036245.D
Acq: 20 Jan 2021 13:14

Tgt Ion: 91 Resp: 4394773

Ion	Ratio	Lower	Upper
91	100		
106	30.0	24.8	37.2





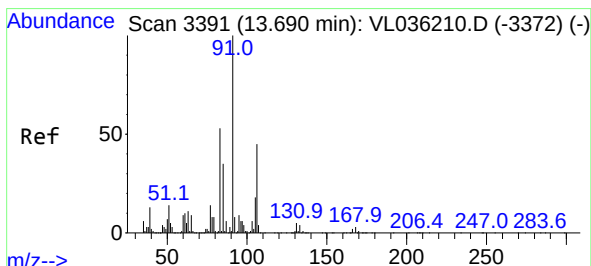
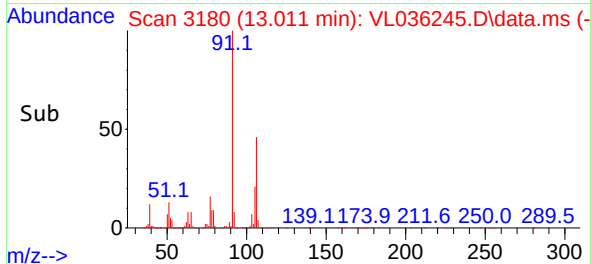
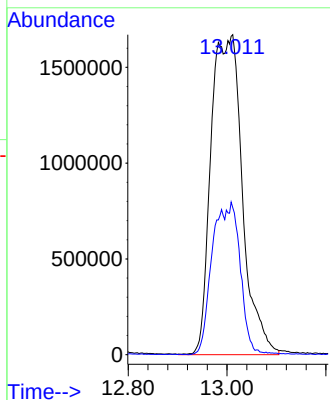
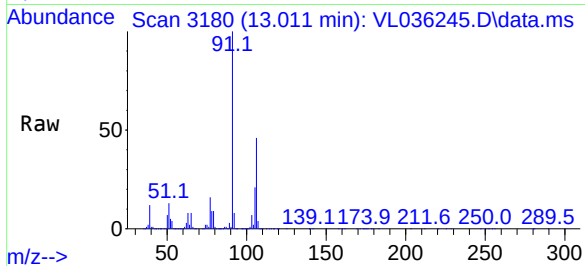
#59
m/p-Xylene
Concen: 18.28 ppbv m
RT: 13.011 min Scan# 3180
Delta R.T. 0.019 min
Lab File: VL036245.D
Acq: 20 Jan 2021 13:14

Tgt Ion: 91 Resp: 7349907
Ion Ratio Lower Upper
91 100
106 42.3 34.6 51.8

Instrument :
MSVOA_L
ClientSampleId :
VL0120ABS01

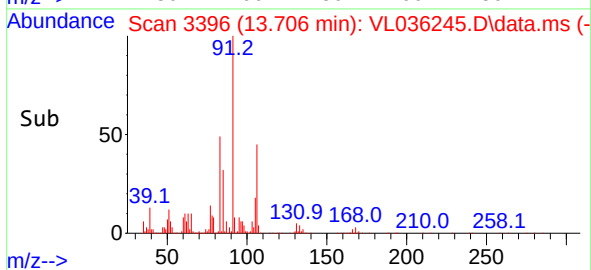
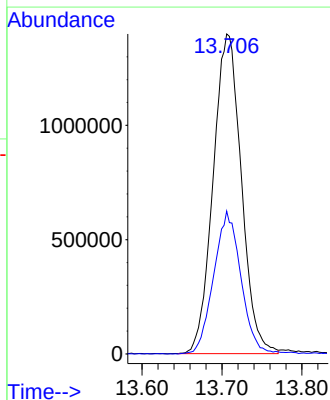
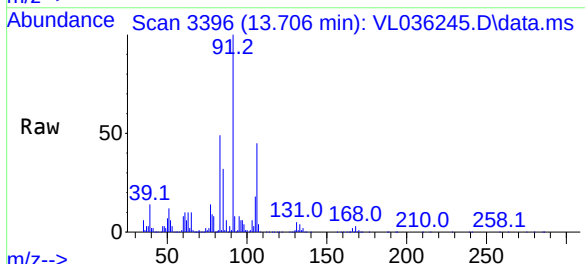
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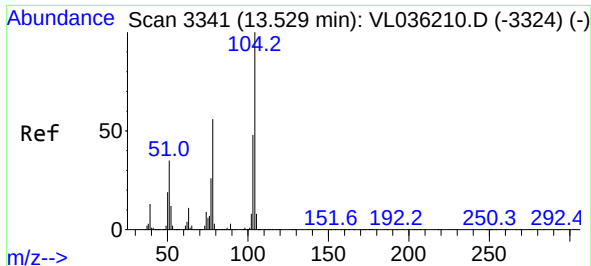
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#60
o-Xylene
Concen: 8.84 ppbv
RT: 13.706 min Scan# 3396
Delta R.T. 0.016 min
Lab File: VL036245.D
Acq: 20 Jan 2021 13:14

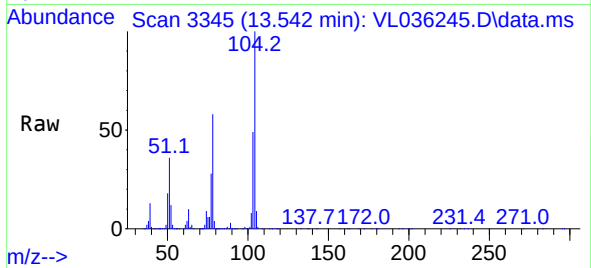
Tgt Ion: 91 Resp: 3424700
Ion Ratio Lower Upper
91 100
106 43.1 21.9 65.8





#61
Styrene
Concen: 10.00 ppbv
RT: 13.542 min Scan# 3345
Delta R.T. 0.013 min
Lab File: VL036245.D
Acq: 20 Jan 2021 13:14

Instrument :
MSVOA_L
ClientSampled :
VL0120ABS01

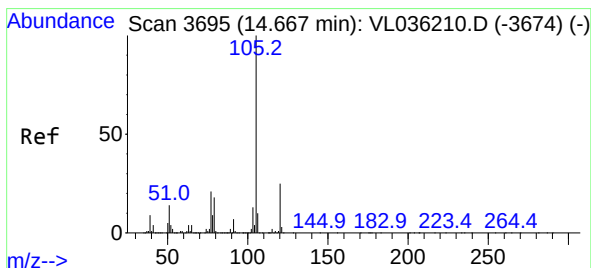
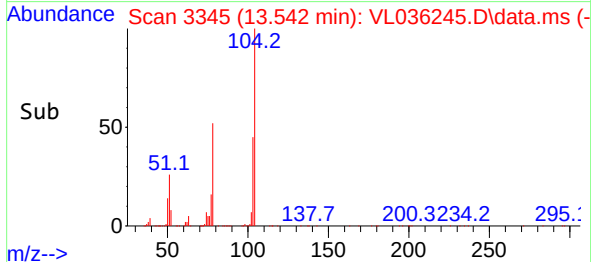
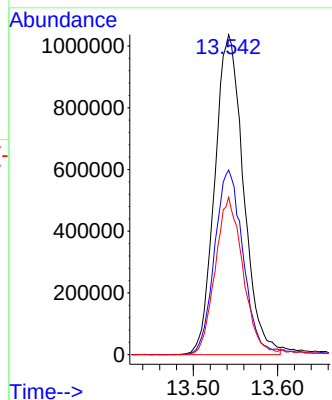


Tgt Ion:104 Resp: 2447811

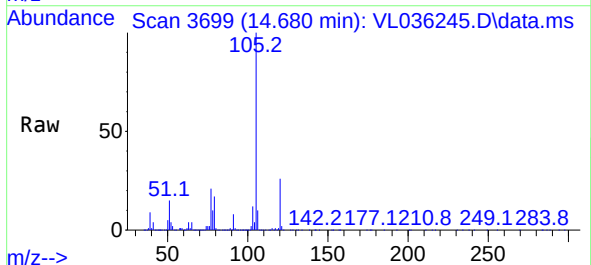
Ion	Ratio	Lower	Upper
104	100		
78	58.5	46.8	70.2
103	48.6	38.4	57.6

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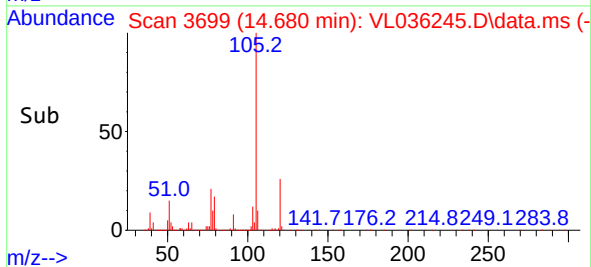
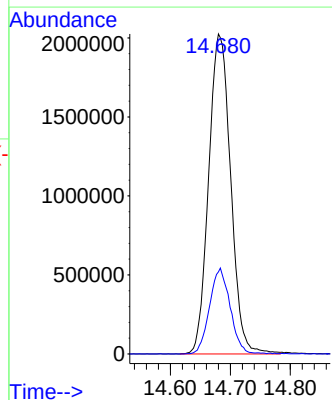


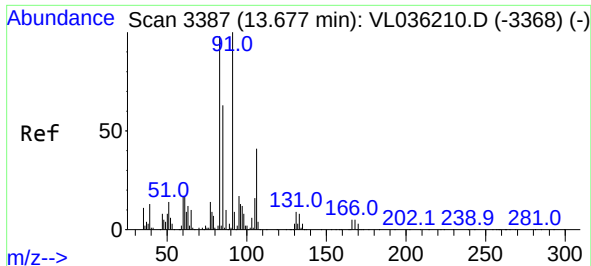
#62
Isopropylbenzene
Concen: 8.97 ppbv
RT: 14.680 min Scan# 3699
Delta R.T. 0.013 min
Lab File: VL036245.D
Acq: 20 Jan 2021 13:14



Tgt Ion:105 Resp: 5165983

Ion	Ratio	Lower	Upper
105	100		
120	25.3	20.3	30.5





#63
1,1,2,2-Tetrachloroethane
Concen: 8.40 ppbv
RT: 13.693 min Scan# 3392
Delta R.T. 0.016 min
Lab File: VL036245.D
Acq: 20 Jan 2021 13:14

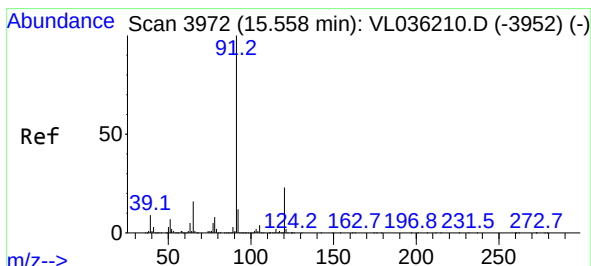
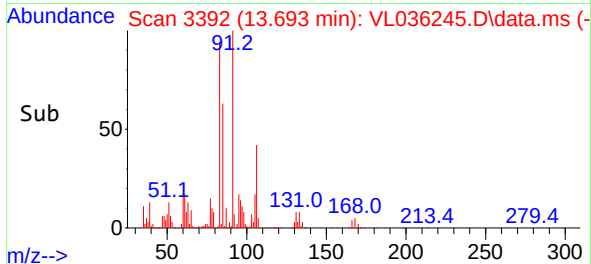
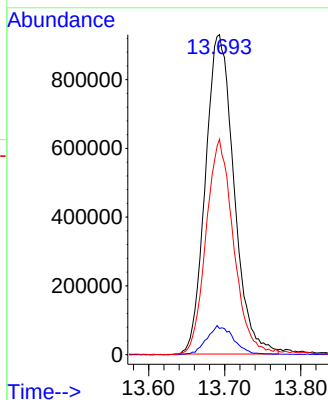
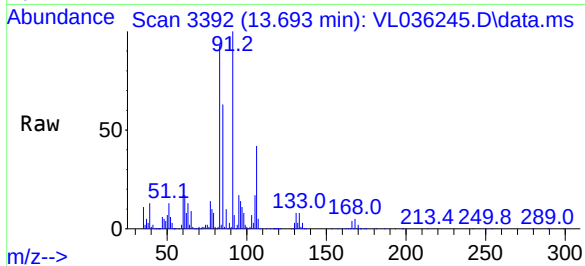
Tgt Ion: 83 Resp: 2425299

Ion	Ratio	Lower	Upper
83	100		
131	8.9	4.5	13.5
85	66.1	33.1	99.3

Instrument :
MSVOA_L
ClientSampleId :
VL0120ABS01

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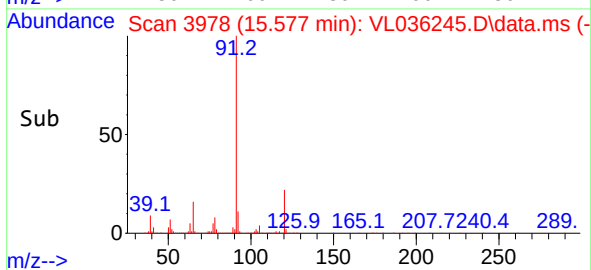
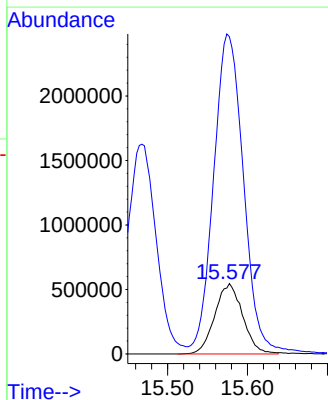
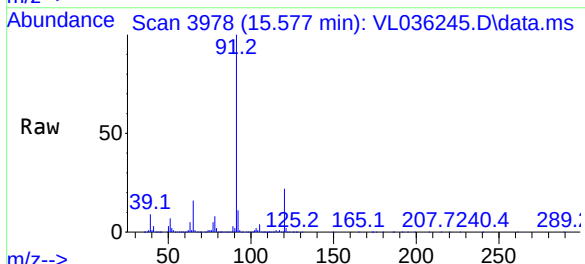
MMDadoda
1/21/2021 10:35:57 AM

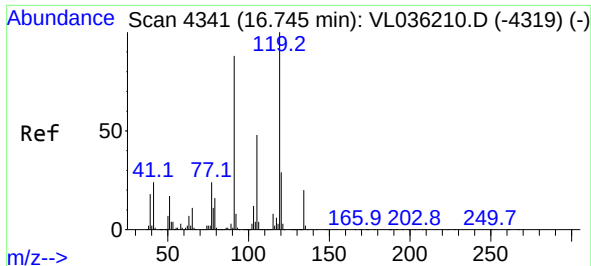


#64
n-propylbenzene
Concen: 9.30 ppbv
RT: 15.577 min Scan# 3978
Delta R.T. 0.019 min
Lab File: VL036245.D
Acq: 20 Jan 2021 13:14

Tgt Ion: 120 Resp: 1317214

Ion	Ratio	Lower	Upper
120	100		
91	492.1	391.8	587.6





#65
tert-Butylbenzene
Concen: 8.86 ppbv
RT: 16.760 min Scan# 4346
Delta R.T. 0.016 min
Lab File: VL036245.D
Acq: 20 Jan 2021 13:14

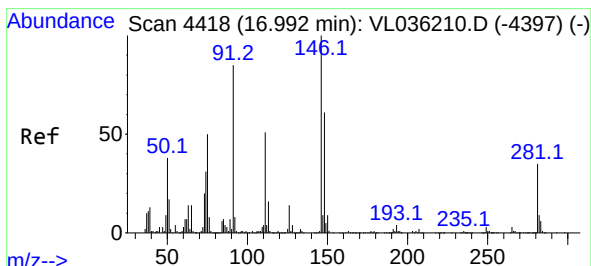
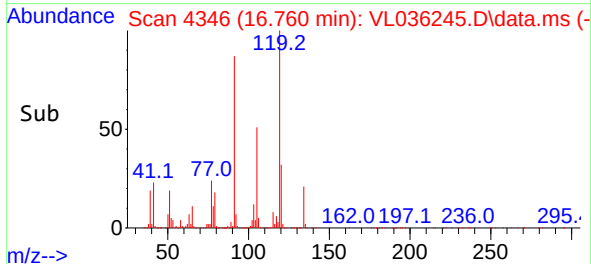
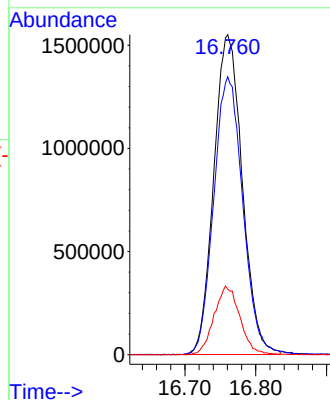
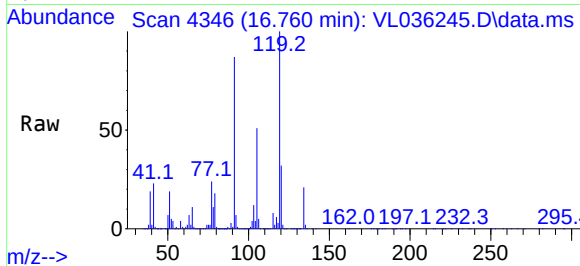
Tgt Ion: 119 Resp: 4325285

Ion	Ratio	Lower	Upper
119	100		
91	89.0	71.0	106.6
134	19.5	15.8	23.6

Instrument :
MSVOA_L
ClientSampleId :
VL0120ABS01

Manual Integrations
APPROVED

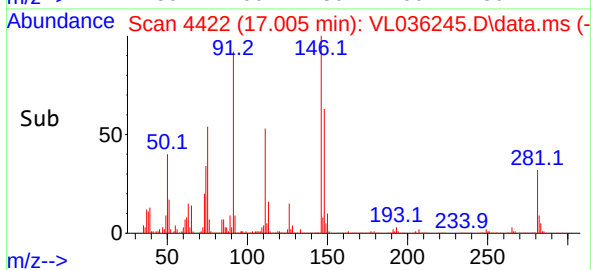
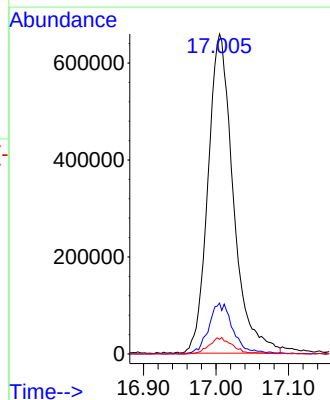
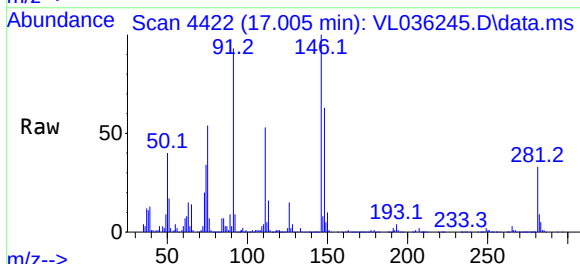
MMDadoda
1/21/2021 10:35:57 AM

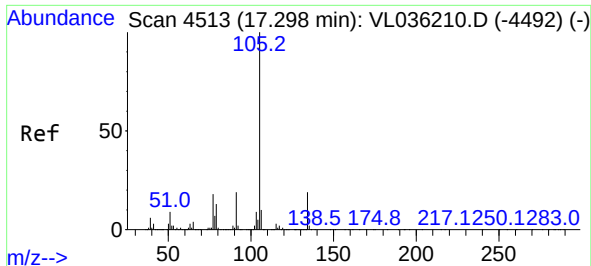


#66
Benzyl Chloride
Concen: 12.79 ppbv
RT: 17.005 min Scan# 4422
Delta R.T. 0.013 min
Lab File: VL036245.D
Acq: 20 Jan 2021 13:14

Tgt Ion: 91 Resp: 1595544

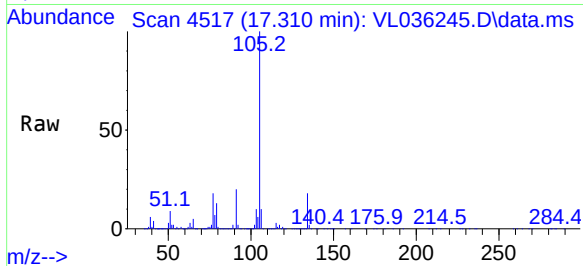
Ion	Ratio	Lower	Upper
91	100		
126	15.6	12.6	19.0
128	5.0	3.8	5.6



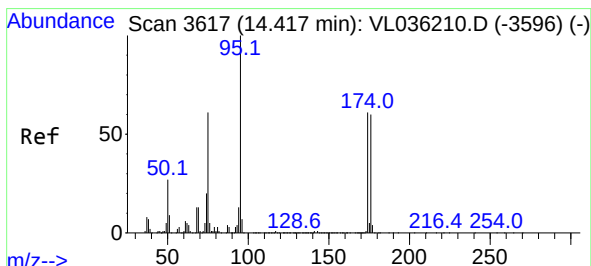
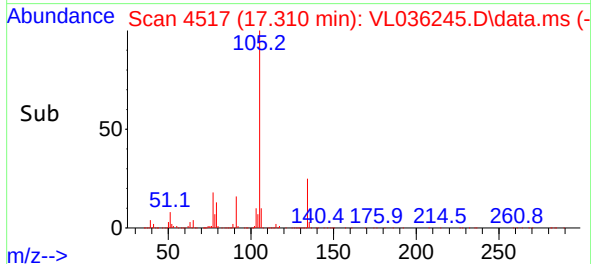
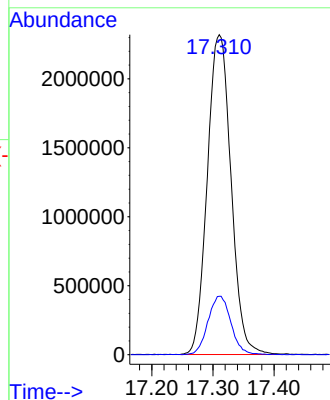


#67
 sec-Butylbenzene
 Concen: 8.63 ppbv
 RT: 17.310 min Scan# 4517
 Delta R.T. 0.013 min
 Lab File: VL036245.D
 Acq: 20 Jan 2021 13:14

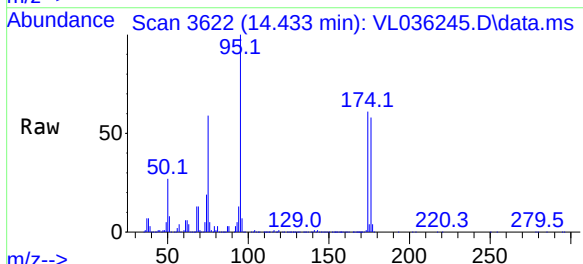
Instrument :
 MSVOA_L
 ClientSampled :
 VL0120ABS01



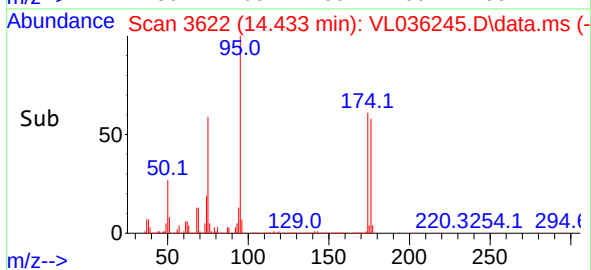
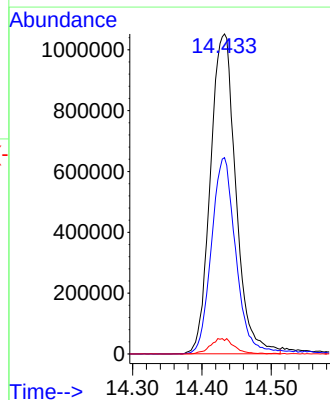
Tgt Ion: 105 Resp: 6254828
 Ion Ratio Lower Upper
 105 100
 134 17.8 14.2 21.4

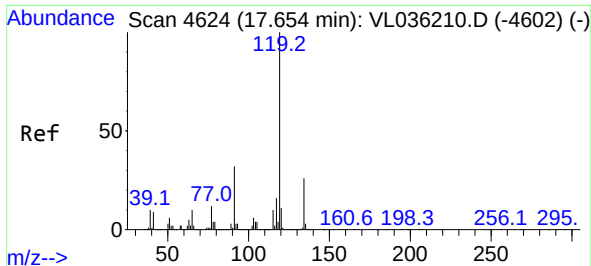


#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.26 ppbv
 RT: 14.433 min Scan# 3622
 Delta R.T. 0.016 min
 Lab File: VL036245.D
 Acq: 20 Jan 2021 13:14



Tgt Ion: 95 Resp: 2678867
 Ion Ratio Lower Upper
 95 100
 174 60.1 49.4 74.0
 175 4.6 3.8 5.8





#69
p-Isopropyltoluene
Concen: 8.89 ppbv
RT: 17.667 min Scan# 4628
Delta R.T. 0.013 min
Lab File: VL036245.D
Acq: 20 Jan 2021 13:14

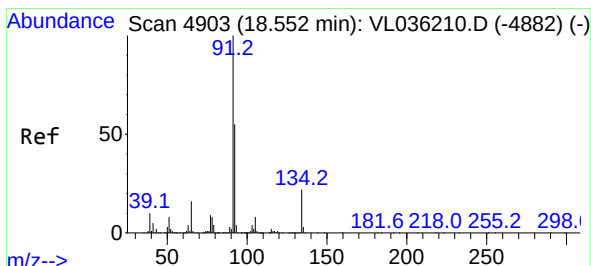
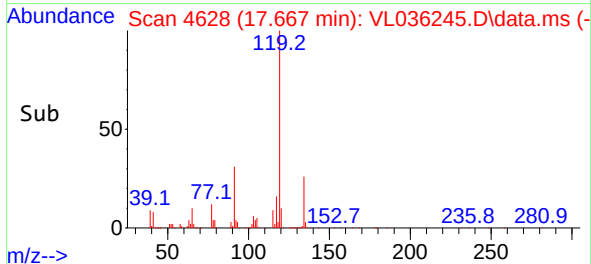
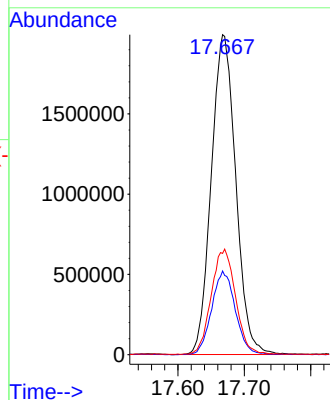
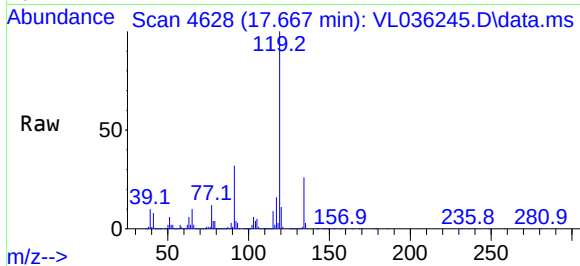
Tgt Ion: 119 Resp: 5113225

Ion	Ratio	Lower	Upper
119	100		
134	25.4	20.2	30.4
91	32.6	26.0	39.0

Instrument :
MSVOA_L
ClientSampleId :
VL0120ABS01

Manual Integrations
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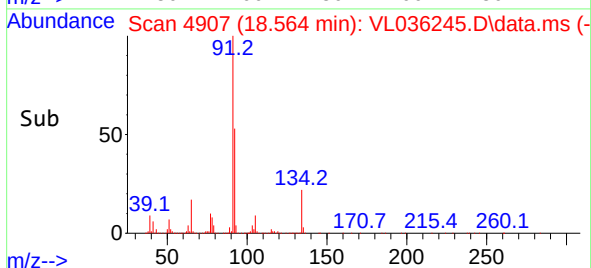
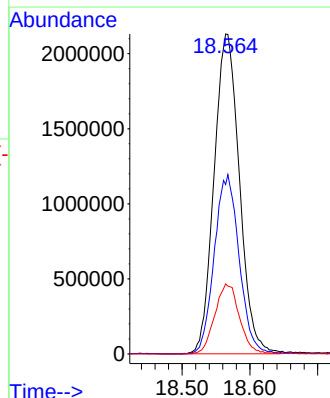
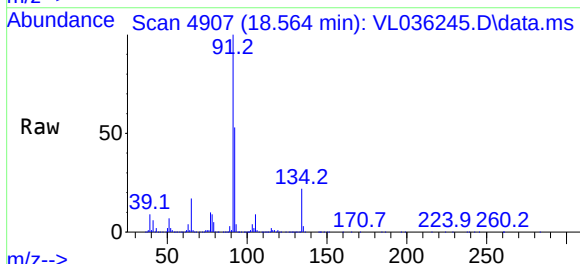
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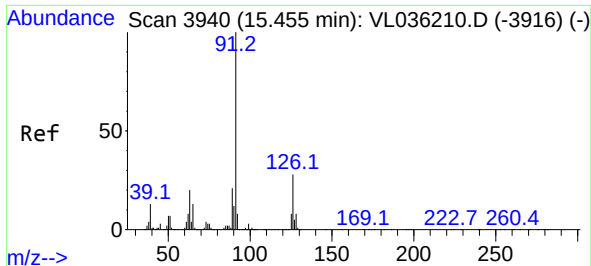


#70
n-Butylbenzene
Concen: 9.04 ppbv
RT: 18.564 min Scan# 4907
Delta R.T. 0.013 min
Lab File: VL036245.D
Acq: 20 Jan 2021 13:14

Tgt Ion: 91 Resp: 5540073

Ion	Ratio	Lower	Upper
91	100		
92	55.2	44.0	66.0
134	21.4	17.0	25.4





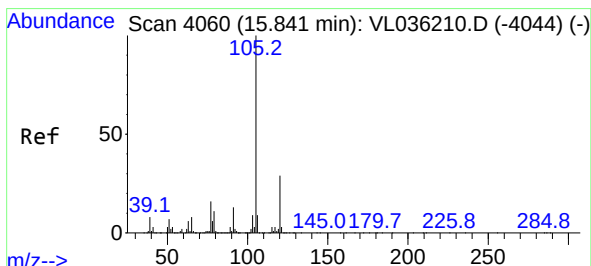
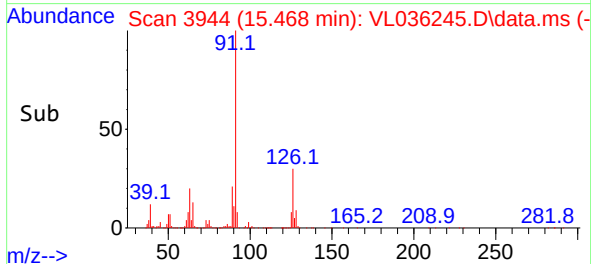
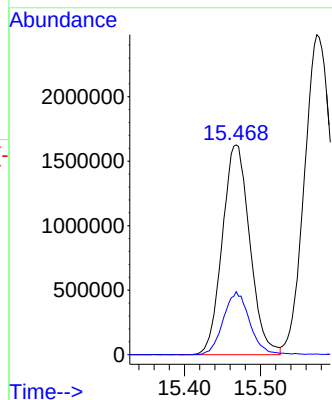
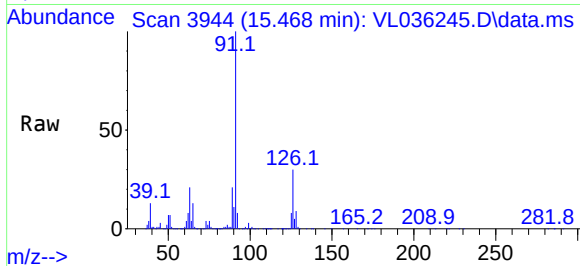
#71
2-Chlorotoluene
Concen: 9.02 ppbv
RT: 15.468 min Scan# 3944
Delta R.T. 0.013 min
Lab File: VL036245.D
Acq: 20 Jan 2021 13:14

Tgt Ion: 91 Resp: 4087117
Ion Ratio Lower Upper
91 100
126 29.0 11.5 45.9

Instrument :
MSVOA_L
ClientSampleId :
VL0120ABS01

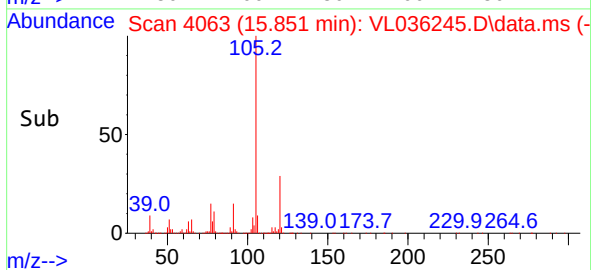
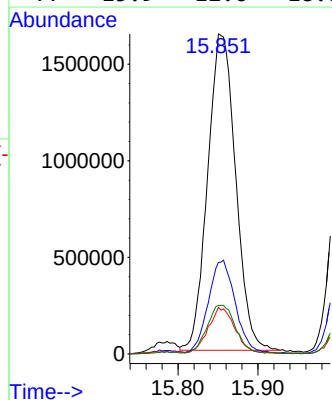
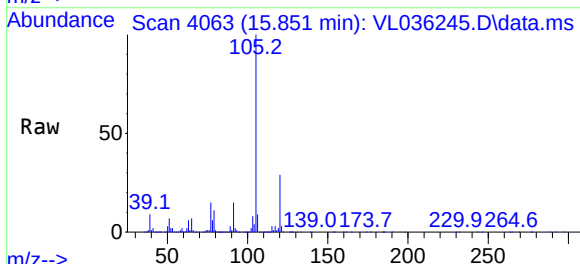
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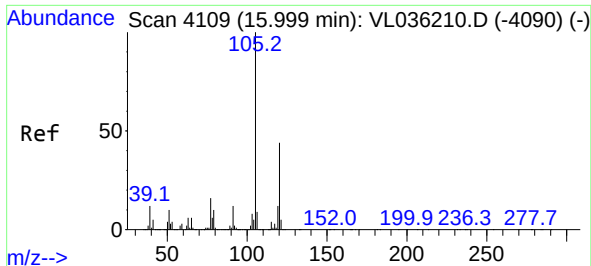
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1/21/2021 10:35:57 AM



#72
4-Ethyltoluene
Concen: 9.11 ppbv
RT: 15.851 min Scan# 4063
Delta R.T. 0.010 min
Lab File: VL036245.D
Acq: 20 Jan 2021 13:14

Tgt Ion: 105 Resp: 3985936
Ion Ratio Lower Upper
105 100
120 29.1 23.7 35.5
91 13.9 11.9 17.9
77 15.9 12.6 18.8





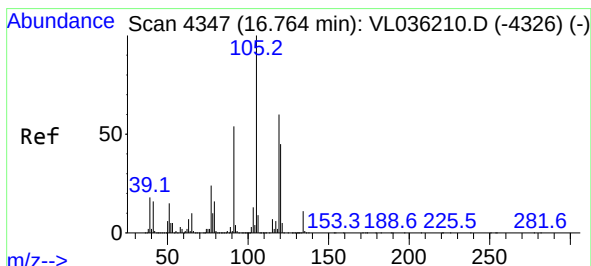
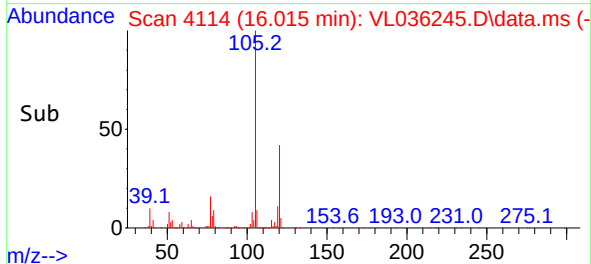
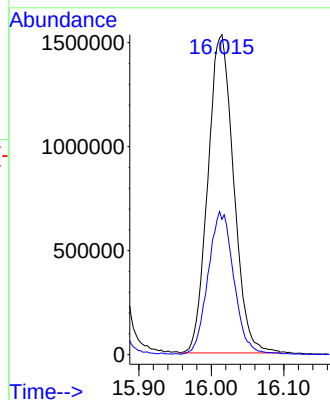
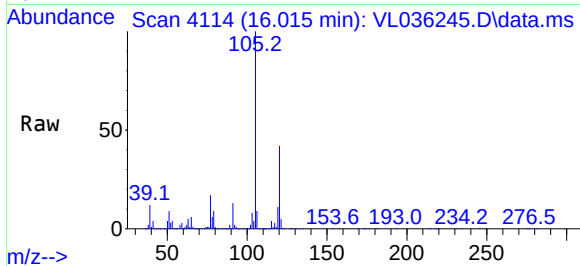
#73
1,3,5-Trimethylbenzene
Concen: 9.07 ppbv
RT: 16.015 min Scan# 4114
Delta R.T. 0.016 min
Lab File: VL036245.D
Acq: 20 Jan 2021 13:14

Tgt Ion:105 Resp: 3781922
Ion Ratio Lower Upper
105 100
120 42.4 35.5 53.3

Instrument :
MSVOA_L
ClientSampleId :
VL0120ABS01

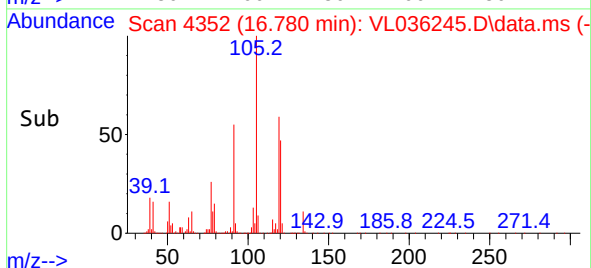
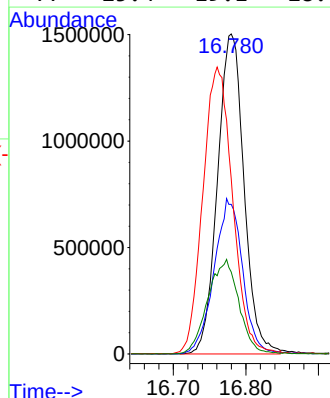
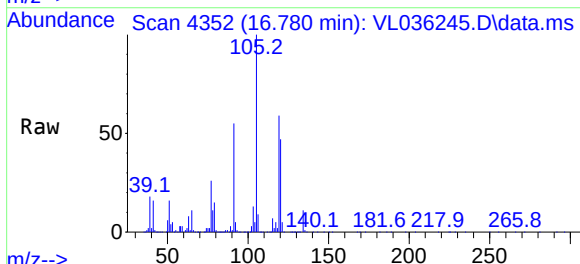
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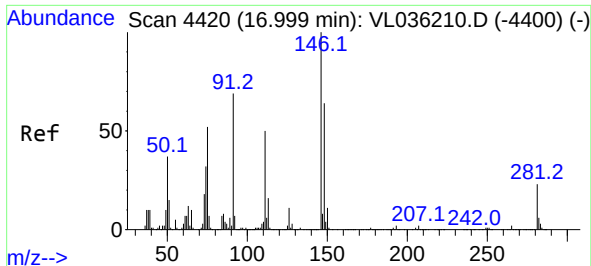
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#74
1,2,4-Trimethylbenzene
Concen: 8.91 ppbv
RT: 16.780 min Scan# 4352
Delta R.T. 0.016 min
Lab File: VL036245.D
Acq: 20 Jan 2021 13:14

Tgt Ion:105 Resp: 3810221
Ion Ratio Lower Upper
105 100
120 46.6 36.2 54.2
91 54.1 43.3 64.9
77 25.4 19.1 28.7





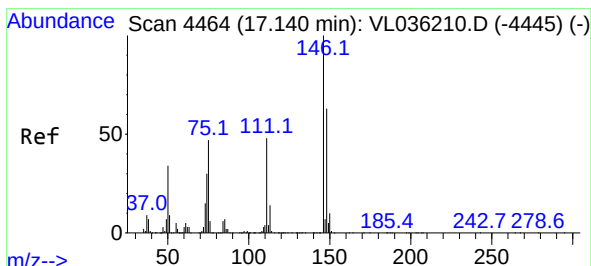
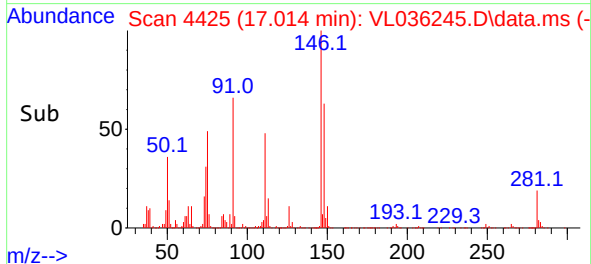
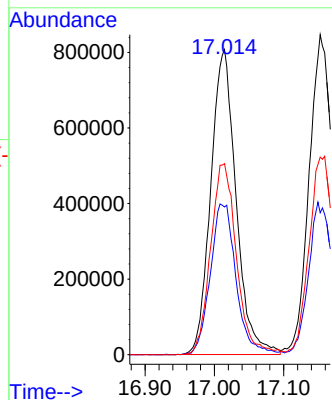
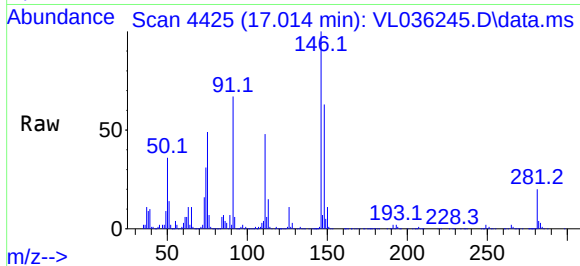
#75
1,3-Dichlorobenzene
Concen: 8.93 ppbv
RT: 17.014 min Scan# 4425
Delta R.T. 0.016 min
Lab File: VL036245.D
Acq: 20 Jan 2021 13:14

Tgt Ion:146 Resp: 2048529
Ion Ratio Lower Upper
146 100
111 50.6 25.5 76.5
148 64.3 32.4 97.2

Instrument :
MSVOA_L
ClientSampled :
VL0120ABS01

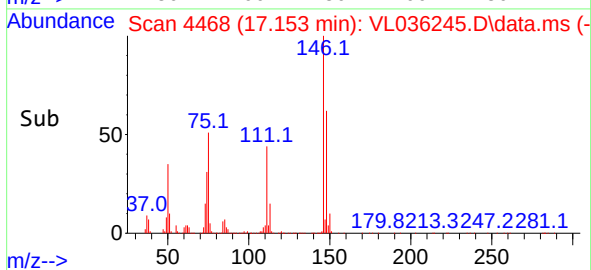
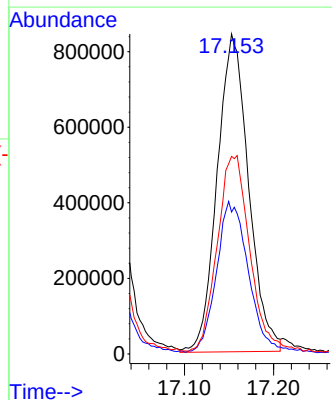
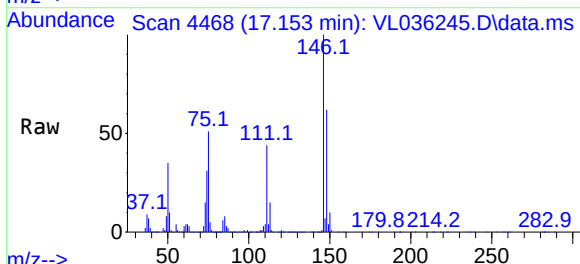
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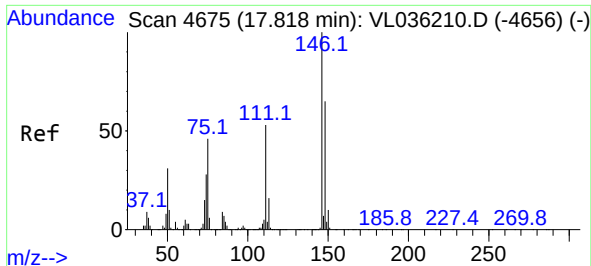
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1/21/2021 10:35:57 AM



#76
1,4-Dichlorobenzene
Concen: 9.08 ppbv
RT: 17.153 min Scan# 4468
Delta R.T. 0.013 min
Lab File: VL036245.D
Acq: 20 Jan 2021 13:14

Tgt Ion:146 Resp: 2056907
Ion Ratio Lower Upper
146 100
111 49.9 25.4 76.0
148 66.0 33.3 99.9





#77
1,2-Dichlorobenzene
Concen: 9.09 ppbv
RT: 17.834 min Scan# 4680
Delta R.T. 0.016 min
Lab File: VL036245.D
Acq: 20 Jan 2021 13:14

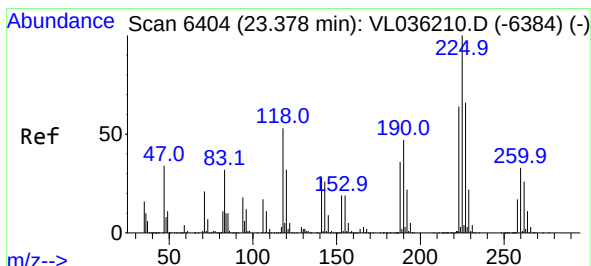
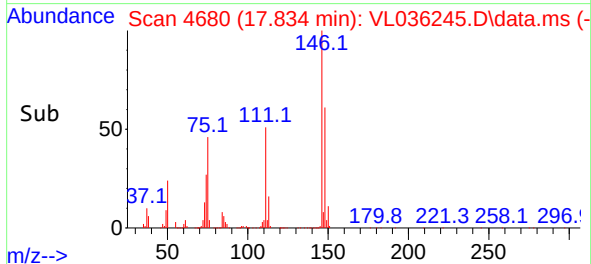
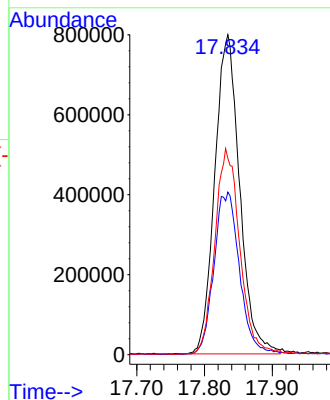
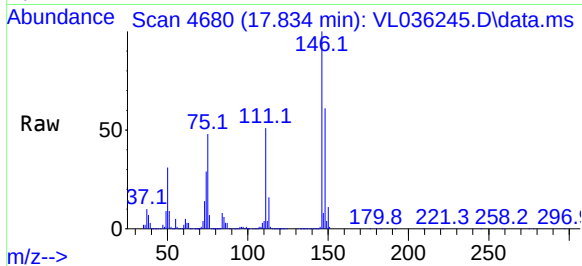
Tgt Ion:146 Resp: 2037221

Ion	Ratio	Lower	Upper
146	100		
111	52.4	26.5	79.4
148	64.9	32.8	98.4

Instrument :
MSVOA_L
ClientSampleId :
VL0120ABS01

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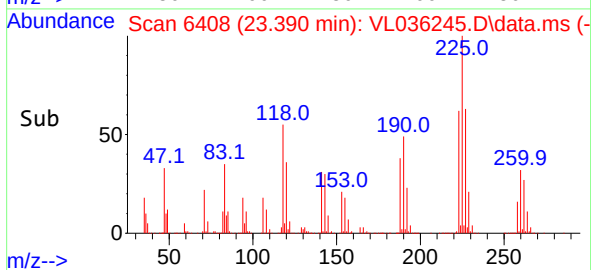
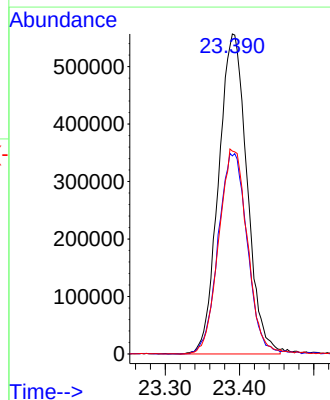
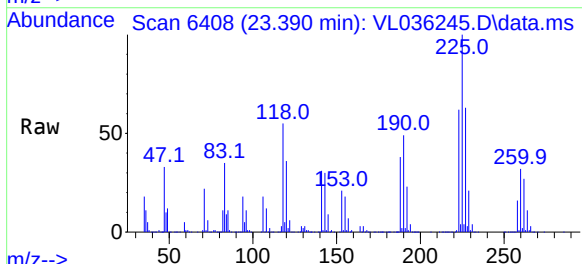
MMDadoda
1/21/2021 10:35:57 AM

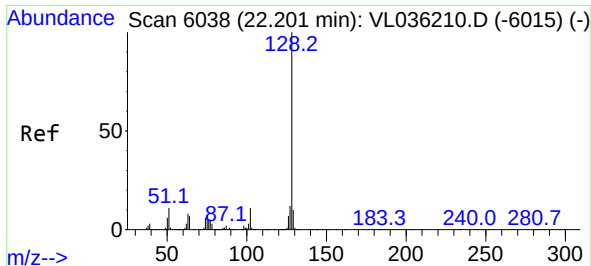


#78
Hexachloro-1,3-Butadiene
Concen: 8.26 ppbv
RT: 23.390 min Scan# 6408
Delta R.T. 0.013 min
Lab File: VL036245.D
Acq: 20 Jan 2021 13:14

Tgt Ion:225 Resp: 1479897

Ion	Ratio	Lower	Upper
225	100		
223	64.8	50.5	75.7
227	64.7	51.7	77.5





#79
Naphthalene
Concen: 11.61 ppbv
RT: 22.214 min Scan# 6042
Delta R.T. 0.013 min
Lab File: VL036245.D
Acq: 20 Jan 2021 13:14

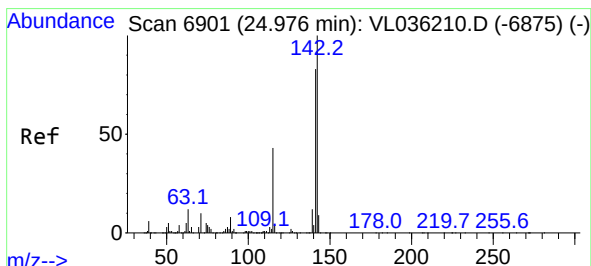
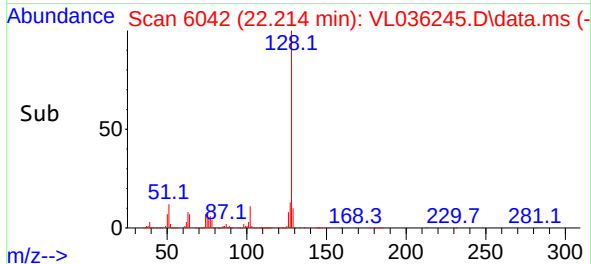
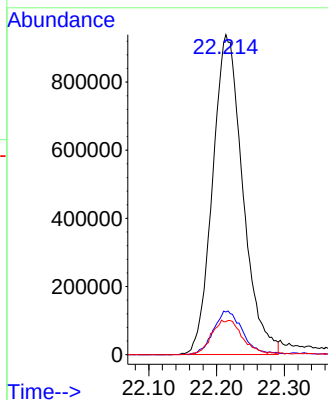
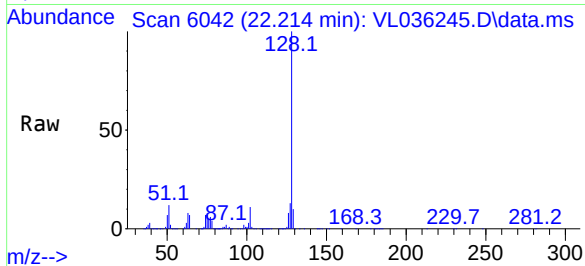
Tgt Ion:128 Resp: 2901670

Ion	Ratio	Lower	Upper
128	100		
127	13.3	9.9	14.9
129	10.3	8.4	12.6

Instrument :
MSVOA_L
ClientSampleId :
VL0120ABS01

Manual Integrations
APPROVED

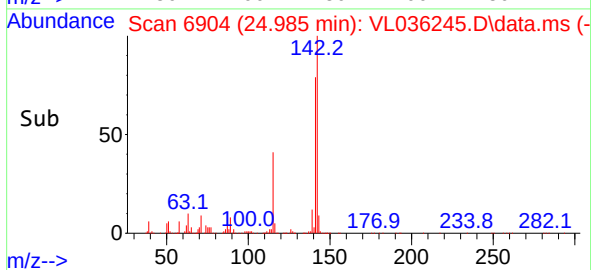
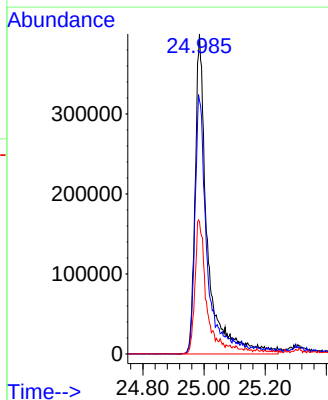
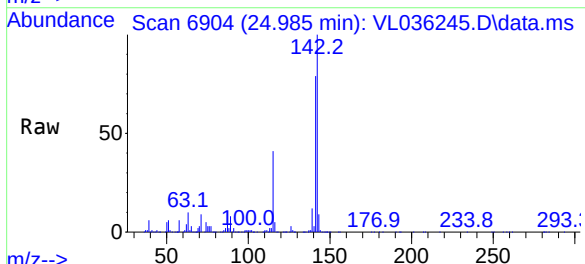
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1/21/2021 10:35:57 AM

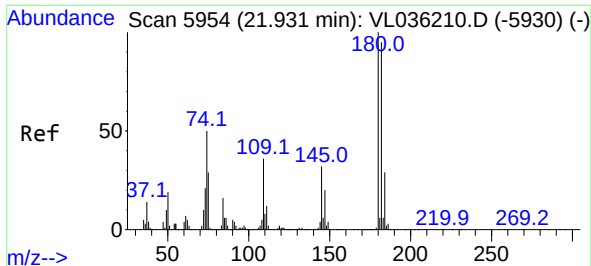


#80
Naphthalene,2-methyl-
Concen: 20.95 ppbv
RT: 24.985 min Scan# 6904
Delta R.T. 0.010 min
Lab File: VL036245.D
Acq: 20 Jan 2021 13:14

Tgt Ion:142 Resp: 1117337

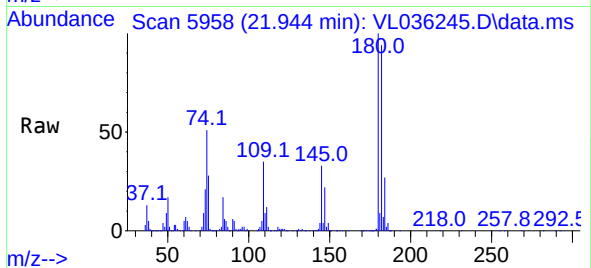
Ion	Ratio	Lower	Upper
142	100		
141	80.1	68.6	102.8
115	42.3	32.9	49.3





#81
 1,2,4-Trichlorobenzene
 Concen: 10.16 ppbv
 RT: 21.944 min Scan# 5958
 Delta R.T. 0.013 min
 Lab File: VL036245.D
 Acq: 20 Jan 2021 13:14

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0120ABS01



Tgt Ion:180 Resp: 1483439

Ion	Ratio	Lower	Upper
180	100		
182	99.2	79.9	119.9
184	31.1	25.6	38.4

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