

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL020321\
 Data File : VL036292.D
 Acq On : 3 Feb 2021 11:59
 Operator : SY/AP
 Sample : VSTDCCC010
 Misc : 400ml/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

Manual Integrations
 APPROVED

MMDadoda
 2/4/2021 5:16:18 PM

Quant Time: Feb 04 01:45:47 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	5.703	49	1580746	10.00	ppbv	0.04
33) 1,4-Difluorobenzene	7.214	114	3546288	10.00	ppbv	0.04
55) Chlorobenzene-d5	12.134	117	3397547m	10.00	ppbv	0.05

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene 14.465 95 2947670 10.48 ppbv 0.05
 Spiked Amount 10.000 Range 65 - 135 Recovery = 104.80%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	3.070	85	1699217	8.02	ppbv	99
3) Chlorodifluoromethane	3.009	51	1899432	9.78	ppbv	98
4) Chloromethane	3.163	50	933532	9.73	ppbv	94
5) Vinyl Chloride	3.279	62	928497	10.23	ppbv	99
6) Bromomethane	3.494	94	514216	10.13	ppbv	96
7) Chloroethane	3.584	64	333500	10.67	ppbv	94
8) Dichlorotetrafluoroethane	3.208	85	2137301	10.41	ppbv	97
9) Propene	3.028	41	829927	8.98	ppbv	99
10) Heptane	8.160	43	2152857	9.38	ppbv	96
11) Trichlorofluoromethane	3.976	101	2266180	10.52	ppbv	97
12) 1,1,2-Trichlorotrifluo...	4.513	101	1368754	10.48	ppbv	99
13) Ethanol	3.632	45	167612m	11.55	ppbv	
14) Bromoethene	3.764	108	600465	10.10	ppbv	97
15) Acetone	3.877	43	1769395	9.14	ppbv	100
16) 1,3-Butadiene	3.349	39	889812	9.43	ppbv	96
17) tert-Butyl alcohol	4.320	59	1623671	10.16	ppbv	99
18) 1,1-Dichloroethene	4.317	96	593528	9.80	ppbv	91
19) Isopropyl Alcohol	3.996	45	1119184	9.59	ppbv #	98
20) Methylene Chloride	4.372	84	558463	9.04	ppbv	97
21) Allyl Chloride	4.439	41	1054538	10.01	ppbv	94
22) trans-1,2-Dichloroethene	4.918	96	582663	10.42	ppbv	96
23) Vinyl Acetate	5.108	43	2370454	10.11	ppbv	99
24) 1,1-Dichloroethane	5.044	63	1760375	10.36	ppbv	99
25) Ethyl Acetate	5.713	43	3705336	9.53	ppbv	99
26) Hexane	5.722	57	1514081	9.36	ppbv	97
27) Carbon Disulfide	4.578	76	1527429	11.80	ppbv	99
28) Methyl tert-Butyl Ether	5.066	73	2191340	10.01	ppbv	97
29) Chloroform	5.790	83	2414192	10.42	ppbv	95
30) Cyclohexane	7.169	84	1241728	10.04	ppbv	99
31) cis-1,2-Dichloroethene	5.584	61	1558680	10.08	ppbv	94
32) 1,1,1-Trichloroethane	6.552	97	2363546	10.55	ppbv	100
34) 2-Butanone	5.279	43	2338166	8.95	ppbv	96
35) Carbon Tetrachloride	7.057	117	2383006	10.64	ppbv	98
36) Benzene	6.928	78	3118157	9.60	ppbv	97
37) 1,2-Dichloroethane	6.346	62	1972803	10.09	ppbv	99
38) Trichloroethene	7.877	130	1055790	8.77	ppbv	98
39) 1,2-Dichloropropane	7.652	63	1270115	9.63	ppbv	99
40) 1,4-Dioxane	7.870	88	423364	8.87	ppbv #	96
41) Tetrahydrofuran	6.086	42	1430279	9.48	ppbv	97
42) Bromodichloromethane	7.832	83	2619388	10.66	ppbv	98
43) Methyl Methacrylate	8.057	69	1420345	10.29	ppbv	94
44) 2,2,4-Trimethylpentane	7.909	57	5385837	9.02	ppbv	100
45) t-1,3-Dichloropropene	9.320	75	1559711	11.89	ppbv	100

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Quant Time: Feb 04 01:45:47 2021

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

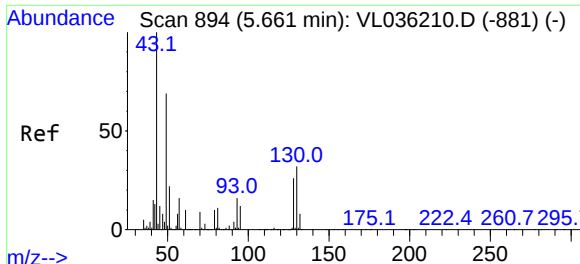
Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Thu Jan 14 16:13:38 2021

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	8.748	75	1839410	10.91	ppbv	99
47) 1,1,2-Trichloroethane	9.520	97	1252579	9.92	ppbv	96
48) Dibromochloromethane	10.349	129	2034560	11.02	ppbv	100
49) Bromoform	13.089	173	1686581	10.94	ppbv	100
50) 4-Methyl-2-Pentanone	8.783	43	3688729	9.47	ppbv	99
51) 2-Hexanone	10.176	43	3012759	9.81	ppbv #	99
52) Tetrachloroethene	11.265	164	1010012	8.44	ppbv	98
53) Toluene	9.848	91	3483746	9.58	ppbv	100
54) 1,2-Dibromoethane	10.655	107	1857772	9.93	ppbv	100
56) 1,1,1,2-Tetrachloroethane	12.172	131	1514298	9.99	ppbv	94
57) Chlorobenzene	12.192	112	2472300	9.27	ppbv	98
58) Ethyl Benzene	12.757	91	4718819	9.36	ppbv	99
59) m/p-Xylene	13.044	91	8055934m	18.60	ppbv	
60) o-Xylene	13.741	91	3758158	9.00	ppbv	100
61) Styrene	13.574	104	2645236	10.03	ppbv	100
62) Isopropylbenzene	14.716	105	5591370	9.01	ppbv	100
63) 1,1,2,2-Tetrachloroethane	13.725	83	2702337	8.69	ppbv	100
64) n-propylbenzene	15.609	120	1436426	9.42	ppbv	100
65) tert-Butylbenzene	16.793	119	4765286	9.06	ppbv	99
66) Benzyl Chloride	17.037	91	1827809	13.60	ppbv	99
67) sec-Butylbenzene	17.346	105	6830011	8.75	ppbv	100
69) p-Isopropyltoluene	17.703	119	5601097	9.04	ppbv	100
70) n-Butylbenzene	18.596	91	6025680	9.13	ppbv	99
71) 2-Chlorotoluene	15.503	91	4438961	9.10	ppbv	99
72) 4-Ethyltoluene	15.886	105	4278099	9.08	ppbv	99
73) 1,3,5-Trimethylbenzene	16.047	105	4107335	9.14	ppbv	99
74) 1,2,4-Trimethylbenzene	16.812	105	4178050	9.07	ppbv	99
75) 1,3-Dichlorobenzene	17.047	146	2264358	9.16	ppbv	99
76) 1,4-Dichlorobenzene	17.188	146	2245369	9.20	ppbv	100
77) 1,2-Dichlorobenzene	17.867	146	2260169	9.36	ppbv	99
78) Hexachloro-1,3-Butadiene	23.426	225	1579568	8.18	ppbv	98
79) Naphthalene	22.255	128	3064385	11.38	ppbv	97
80) Naphthalene,2-methyl-	25.017	142	832262	14.48	ppbv	95
81) 1,2,4-Trichlorobenzene	21.985	180	1566077	9.96	ppbv	97

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



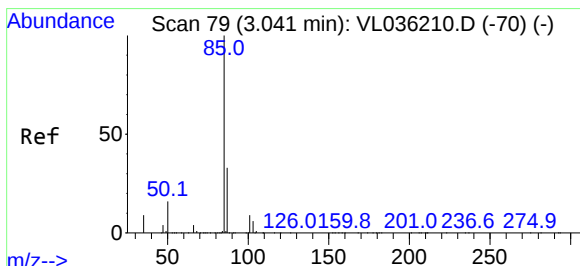
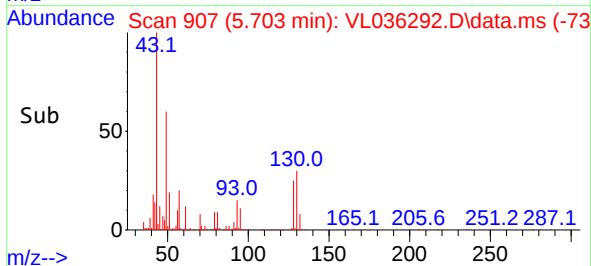
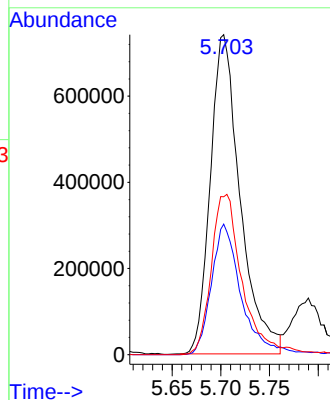
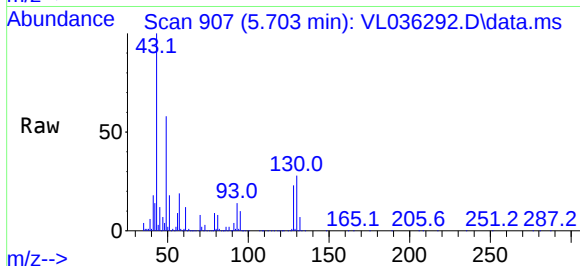
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Bromochloromethane
Concen: 10.00 ppbv
RT: 5.703 min Scan# 907
Delta R.T. 0.042 min
Lab File: VL036292.D
Acq: 3 Feb 2021 11:59

Instrument :
MSVOA_L
ClientSampled :
VSTDCCC010

Tgt Ion: 49 Resp: 1580746
Ion Ratio Lower Upper
49 100
128 41.8 20.1 60.2
130 52.9 25.3 75.9

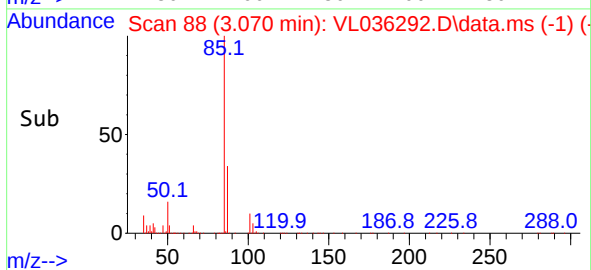
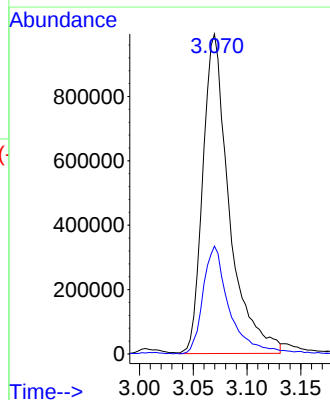
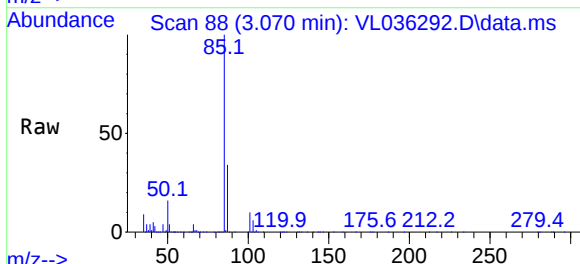
Manual Integrations
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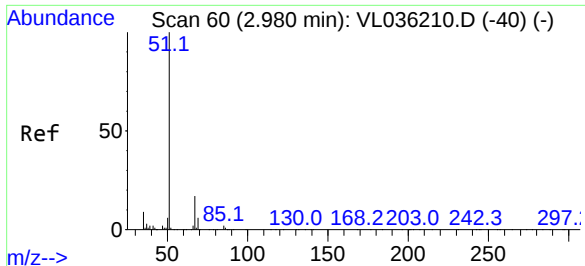
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#2
Dichlorodifluoromethane
Concen: 8.02 ppbv
RT: 3.070 min Scan# 88
Delta R.T. 0.029 min
Lab File: VL036292.D
Acq: 3 Feb 2021 11:59

Tgt Ion: 85 Resp: 1699217
Ion Ratio Lower Upper
85 100
87 33.7 26.4 39.6





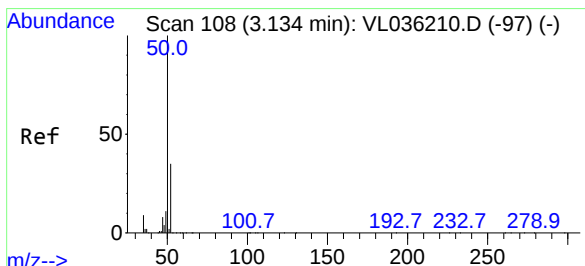
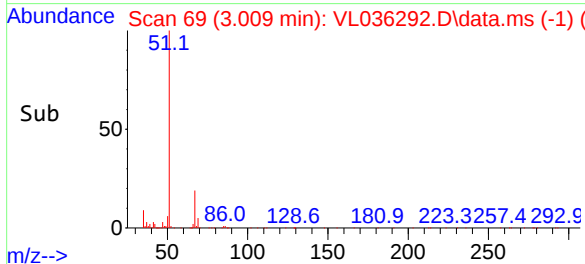
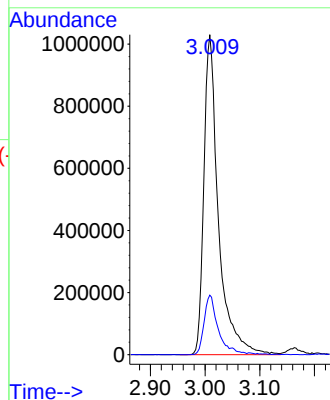
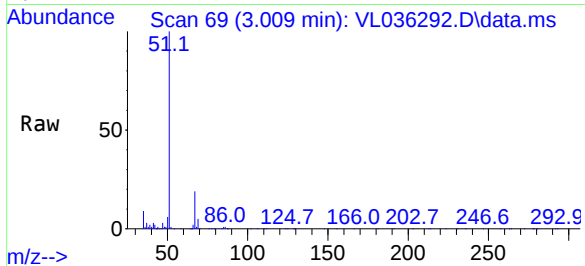
#3
Chlorodifluoromethane
Concen: 9.78 ppbv
RT: 3.009 min Scan# 69
Delta R.T. 0.029 min
Lab File: VL036292.D
Acq: 3 Feb 2021 11:59

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 51 Resp: 1899432
Ion Ratio Lower Upper
51 100
67 18.5 14.0 21.0

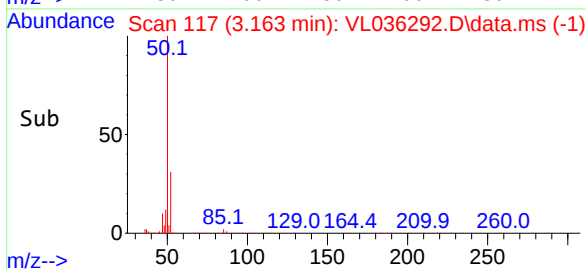
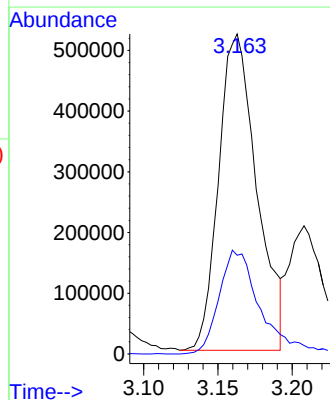
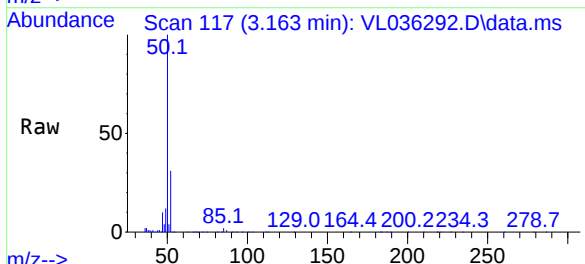
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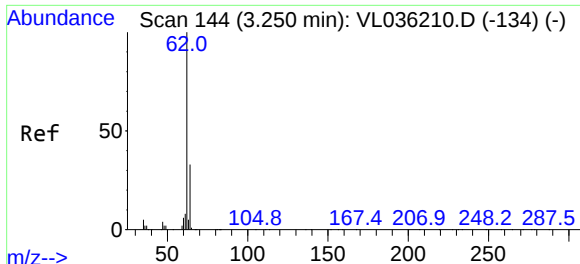
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#4
Chloromethane
Concen: 9.73 ppbv
RT: 3.163 min Scan# 117
Delta R.T. 0.029 min
Lab File: VL036292.D
Acq: 3 Feb 2021 11:59

Tgt Ion: 50 Resp: 933532
Ion Ratio Lower Upper
50 100
52 31.2 27.8 41.8





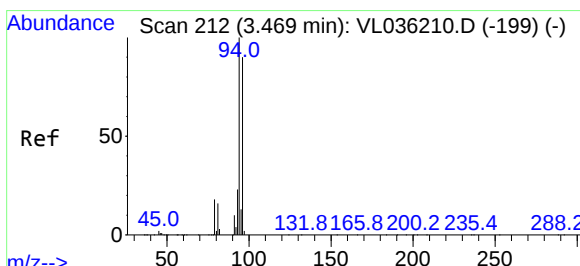
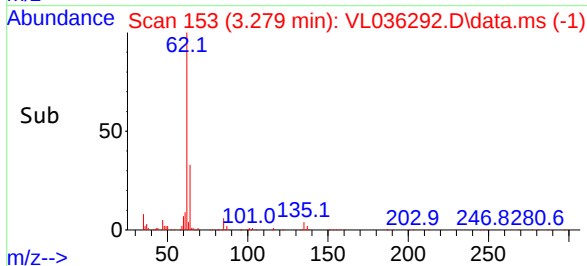
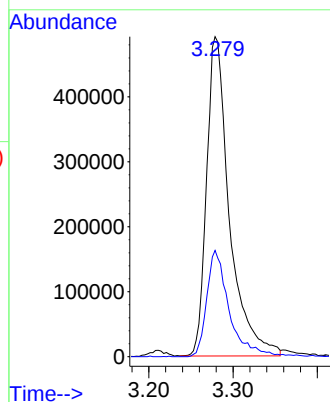
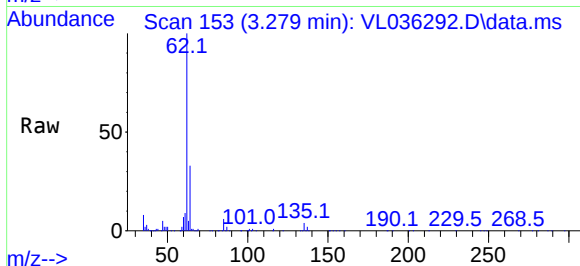
#5
Vinyl Chloride
Concen: 10.23 ppbv
RT: 3.279 min Scan# 153
Delta R.T. 0.029 min
Lab File: VL036292.D
Acq: 3 Feb 2021 11:59

Instrument :
MSVOA_L
ClientSampled :
VSTDCCC010

Tgt Ion: 62 Resp: 928497
Ion Ratio Lower Upper
62 100
64 33.3 26.2 39.2

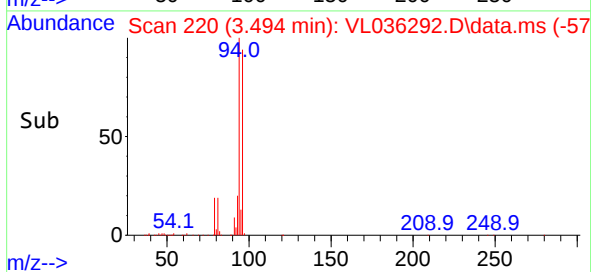
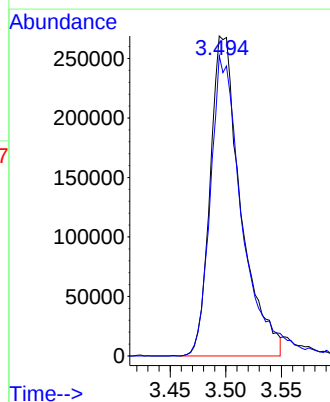
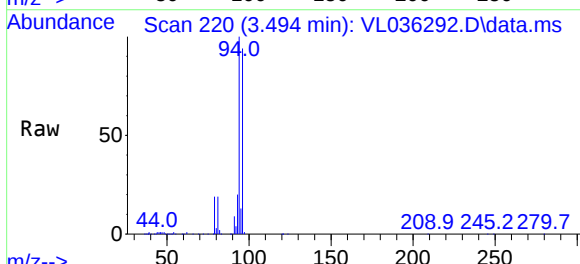
Manual Integrations
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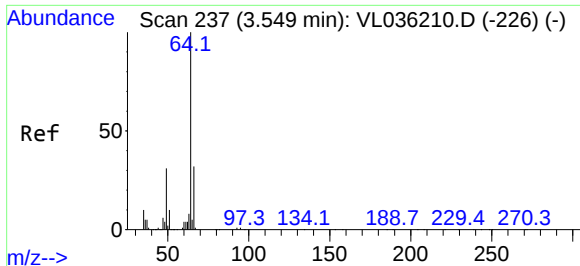
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#6
Bromomethane
Concen: 10.13 ppbv
RT: 3.494 min Scan# 220
Delta R.T. 0.026 min
Lab File: VL036292.D
Acq: 3 Feb 2021 11:59

Tgt Ion: 94 Resp: 514216
Ion Ratio Lower Upper
94 100
96 93.9 71.9 107.9





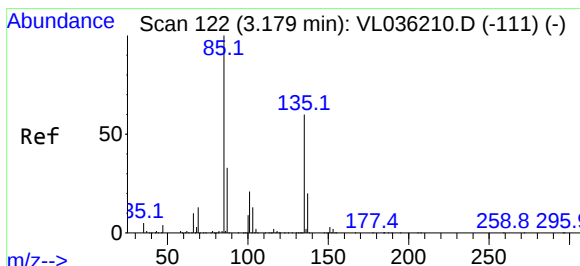
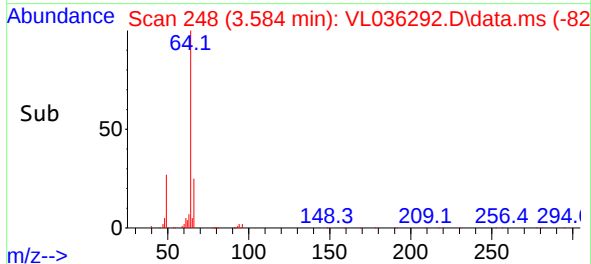
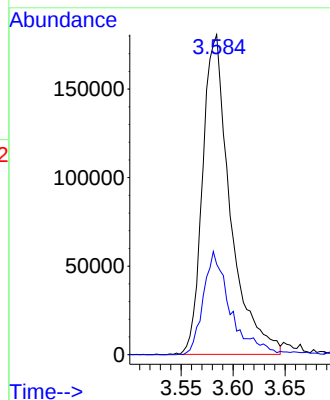
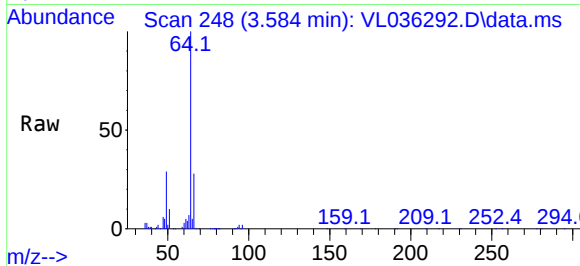
#7
Chloroethane
Concen: 10.67 ppbv
RT: 3.584 min Scan# 248
Delta R.T. 0.035 min
Lab File: VL036292.D
Acq: 3 Feb 2021 11:59

Tgt Ion: 64 Resp: 333500
Ion Ratio Lower Upper
64 100
66 28.2 25.2 37.8

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

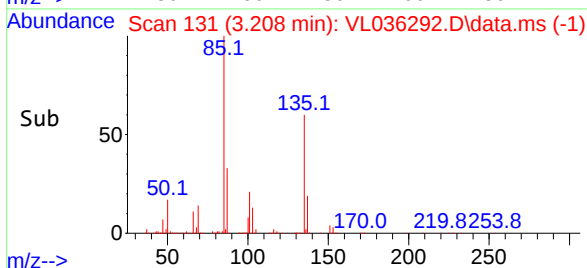
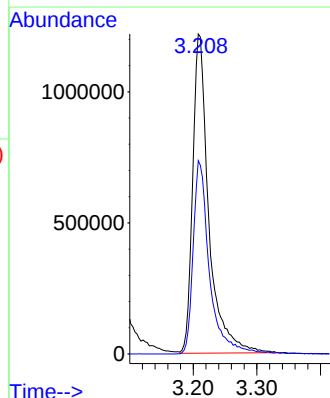
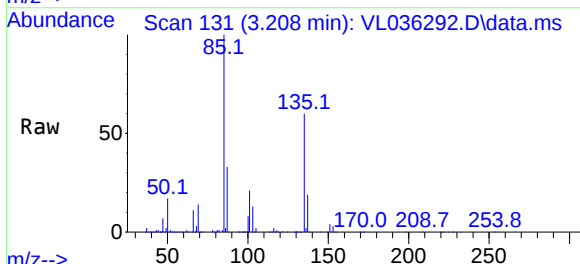
Manual Integrations
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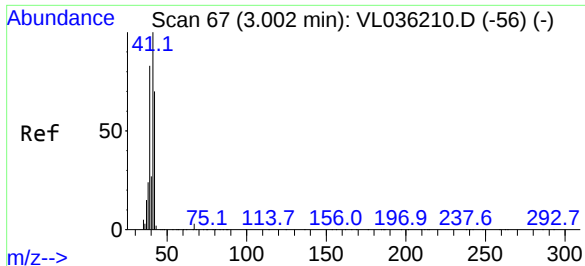
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#8
Dichlorotetrafluoroethane
Concen: 10.41 ppbv
RT: 3.208 min Scan# 131
Delta R.T. 0.029 min
Lab File: VL036292.D
Acq: 3 Feb 2021 11:59

Tgt Ion: 85 Resp: 2137301
Ion Ratio Lower Upper
85 100
135 62.0 51.5 77.3





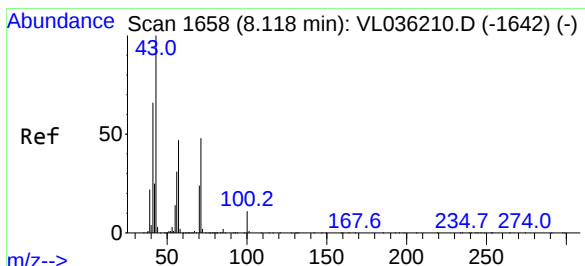
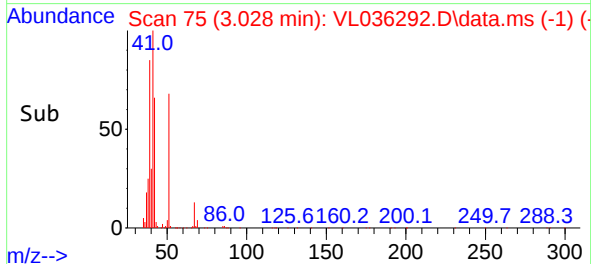
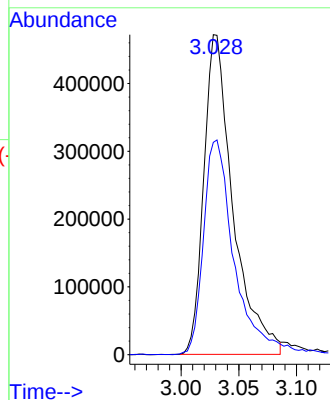
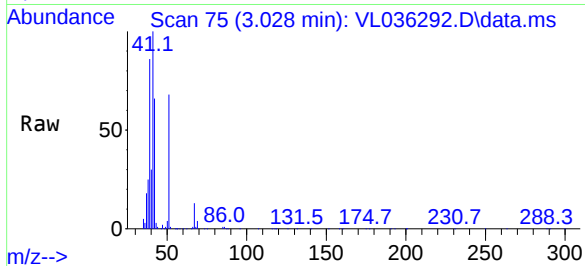
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Propene
Concen: 8.98 ppbv
RT: 3.028 min Scan# 75
Delta R.T. 0.026 min
Lab File: VL036292.D
Acq: 3 Feb 2021 11:59

Tgt Ion: 41 Resp: 829927
Ion Ratio Lower Upper
41 100
42 71.9 57.1 85.7

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

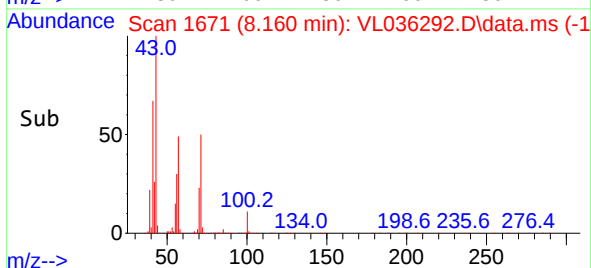
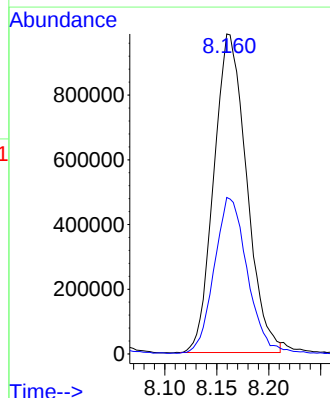
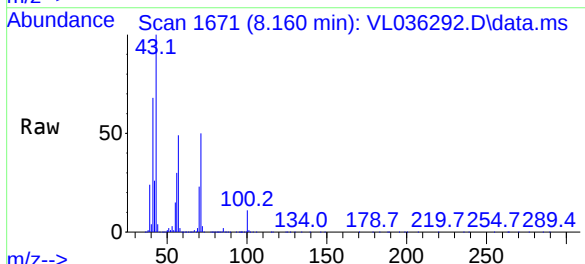
Manual Integrations
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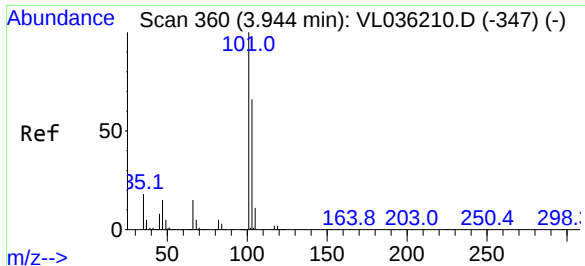
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#10
Heptane
Concen: 9.38 ppbv
RT: 8.160 min Scan# 1671
Delta R.T. 0.042 min
Lab File: VL036292.D
Acq: 3 Feb 2021 11:59

Tgt Ion: 43 Resp: 2152857
Ion Ratio Lower Upper
43 100
57 50.1 38.1 57.1





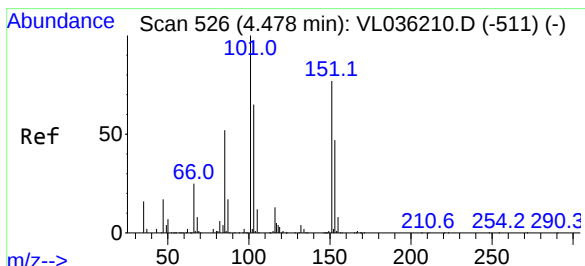
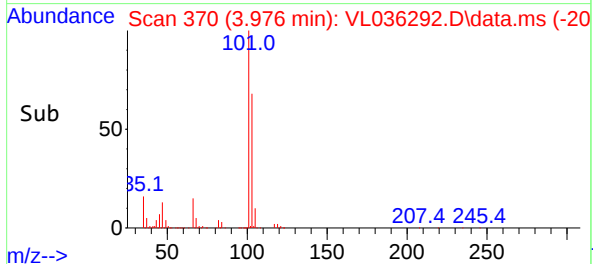
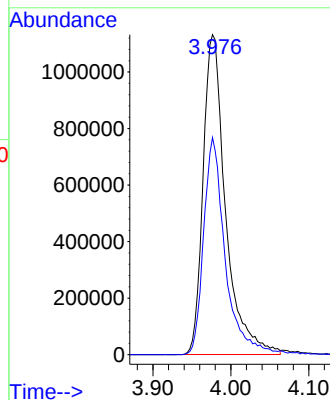
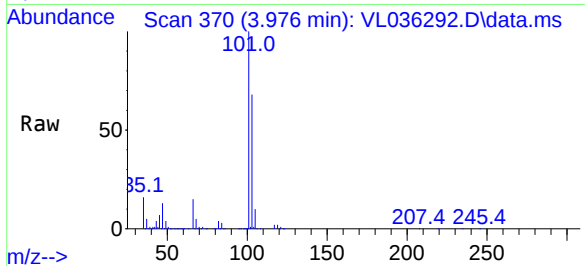
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 Trichlorofluoromethane
 Concen: 10.52 ppbv
 RT: 3.976 min Scan# 370
 Delta R.T. 0.032 min
 Lab File: VL036292.D
 Acq: 3 Feb 2021 11:59

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

Tgt Ion:101 Resp: 2266180
 Ion Ratio Lower Upper
 101 100
 103 67.9 52.6 78.8

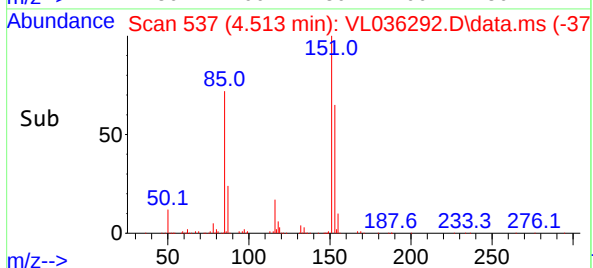
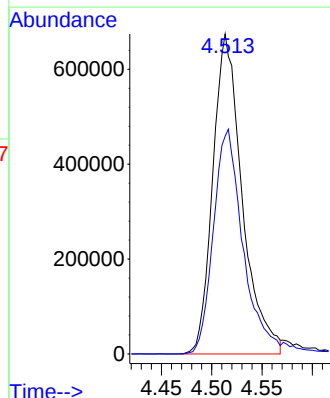
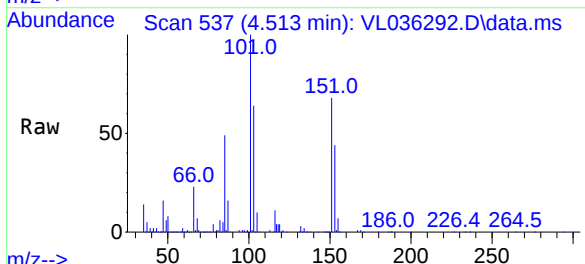
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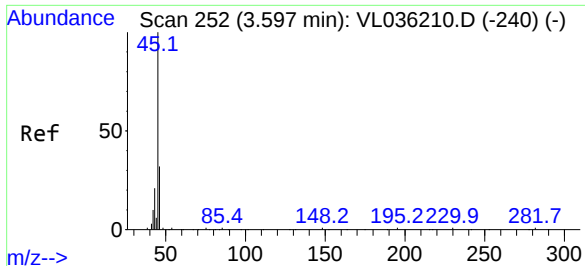
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#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 10.48 ppbv
 RT: 4.513 min Scan# 537
 Delta R.T. 0.035 min
 Lab File: VL036292.D
 Acq: 3 Feb 2021 11:59

Tgt Ion:101 Resp: 1368754
 Ion Ratio Lower Upper
 101 100
 151 73.5 59.8 89.6





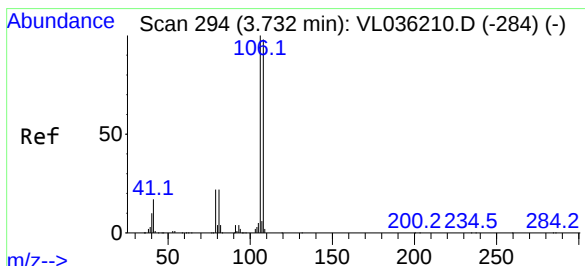
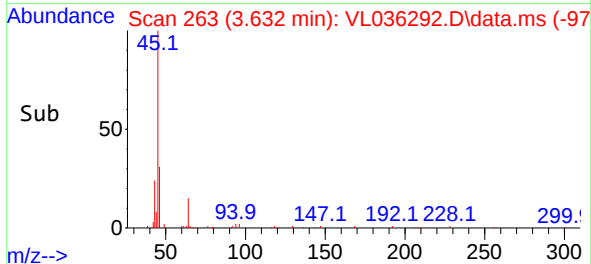
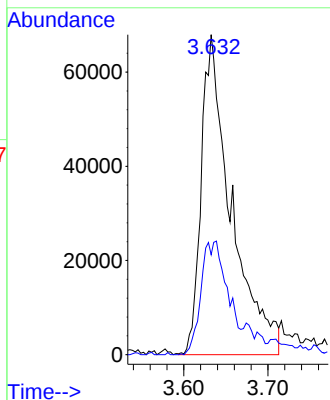
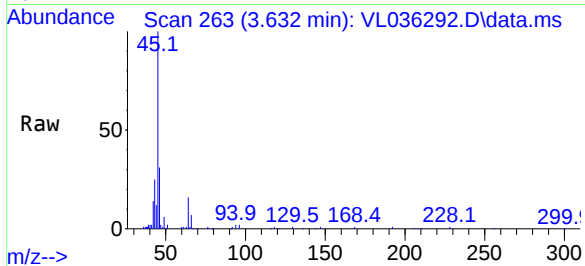
#13
Ethanol
Concen: 11.55 ppbv m
RT: 3.632 min Scan# 263
Delta R.T. 0.035 min
Lab File: VL036292.D
Acq: 3 Feb 2021 11:59

Tgt Ion: 45 Resp: 167612
Ion Ratio Lower Upper
45 100
46 41.6 19.2 77.0

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

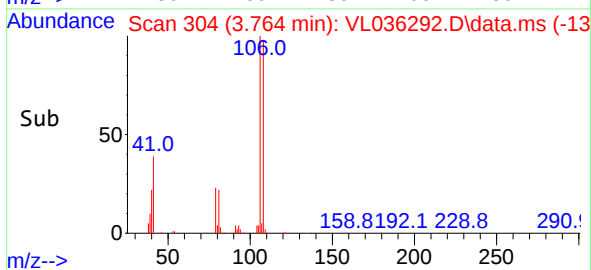
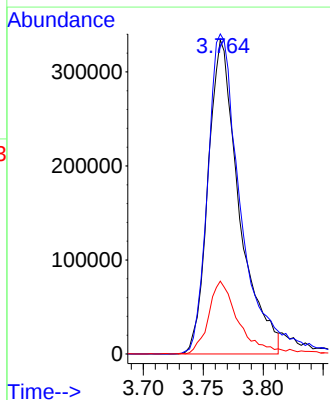
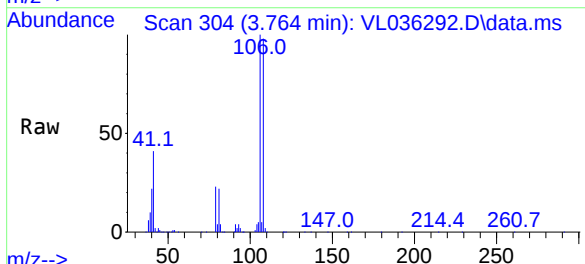
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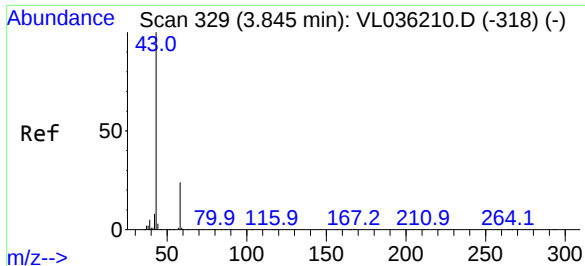
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#14
Bromoethene
Concen: 10.10 ppbv
RT: 3.764 min Scan# 304
Delta R.T. 0.032 min
Lab File: VL036292.D
Acq: 3 Feb 2021 11:59

Tgt Ion: 108 Resp: 600465
Ion Ratio Lower Upper
108 100
106 111.0 91.4 137.2
79 23.8 18.3 27.5





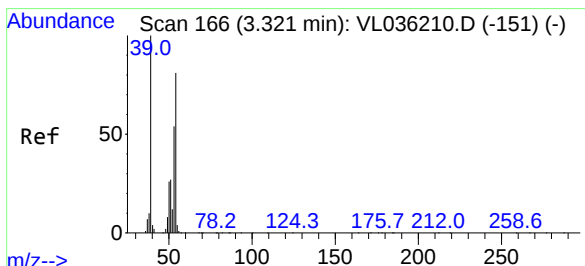
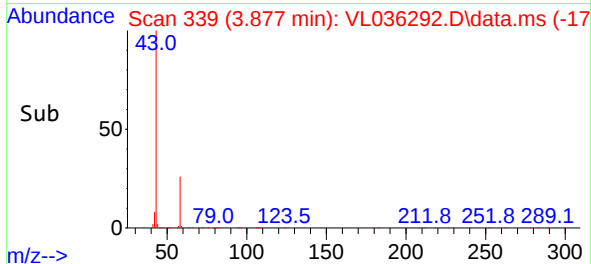
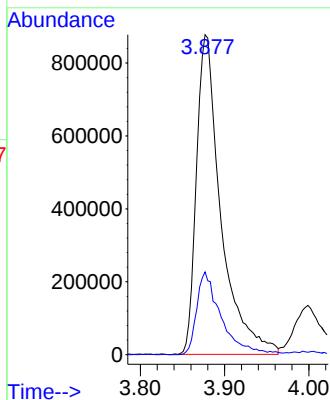
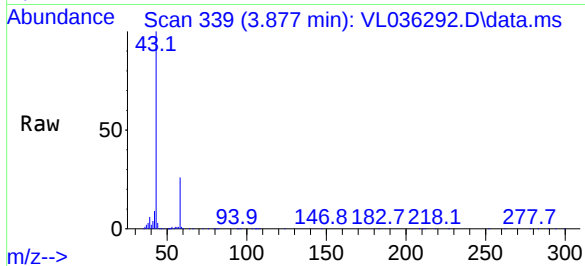
#15
Acetone
Concen: 9.14 ppbv
RT: 3.877 min Scan# 339
Delta R.T. 0.032 min
Lab File: VL036292.D
Acq: 3 Feb 2021 11:59

Tgt Ion: 43 Resp: 1769395
Ion Ratio Lower Upper
43 100
58 26.0 20.9 31.3

Instrument :
MSVOA_L
ClientSampled :
VSTDCCC010

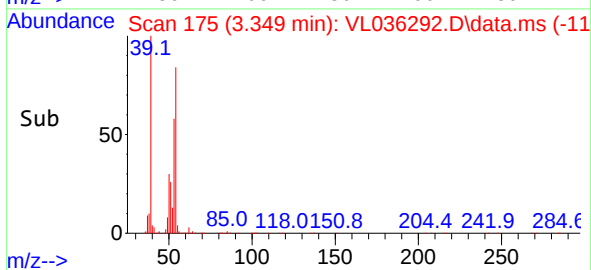
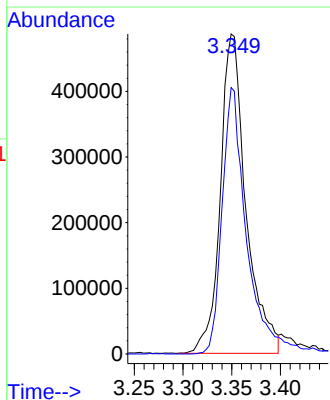
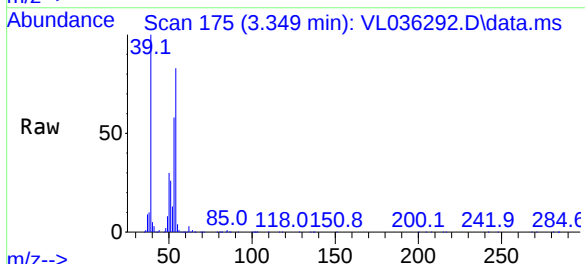
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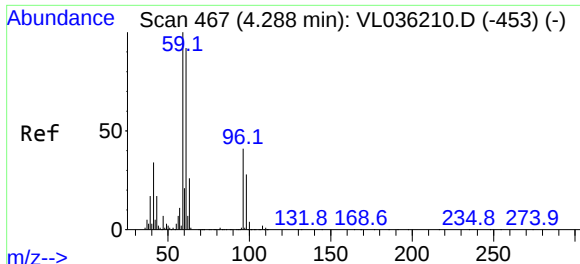
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#16
1,3-Butadiene
Concen: 9.43 ppbv
RT: 3.349 min Scan# 175
Delta R.T. 0.029 min
Lab File: VL036292.D
Acq: 3 Feb 2021 11:59

Tgt Ion: 39 Resp: 889812
Ion Ratio Lower Upper
39 100
54 81.4 62.5 93.7





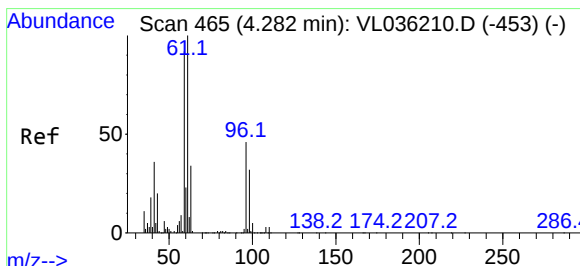
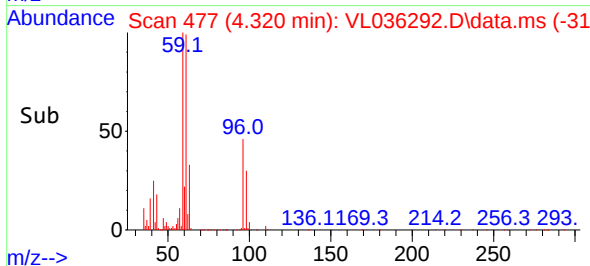
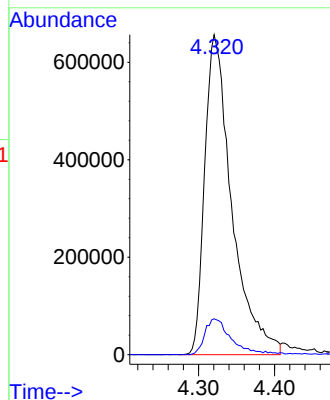
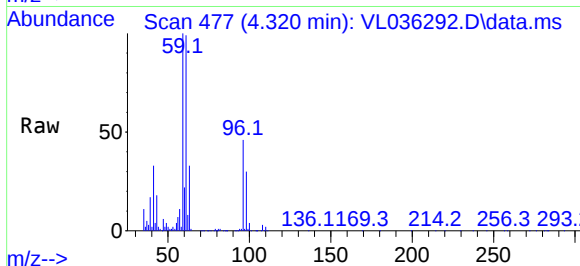
#17
tert-Butyl alcohol
Concen: 10.16 ppbv
RT: 4.320 min Scan# 477
Delta R.T. 0.032 min
Lab File: VL036292.D
Acq: 3 Feb 2021 11:59

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 59 Resp: 1623671
Ion Ratio Lower Upper
59 100
57 11.1 9.2 13.8

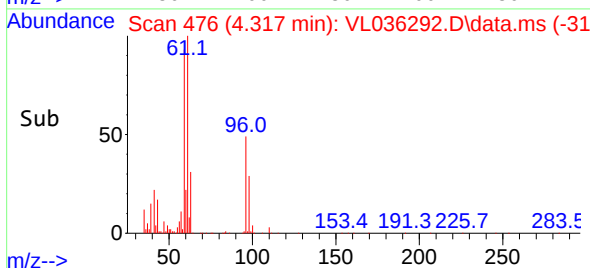
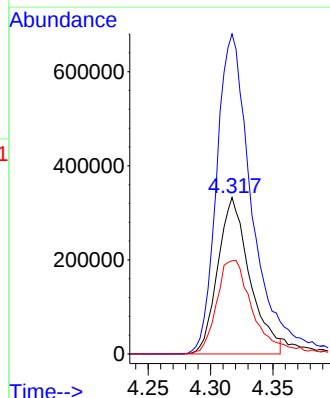
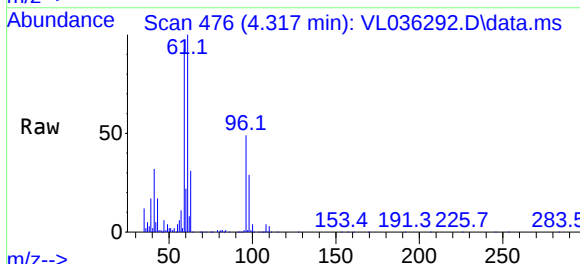
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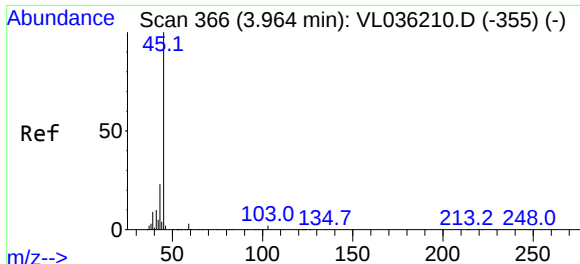
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#18
1,1-Dichloroethene
Concen: 9.80 ppbv
RT: 4.317 min Scan# 476
Delta R.T. 0.035 min
Lab File: VL036292.D
Acq: 3 Feb 2021 11:59

Tgt Ion: 96 Resp: 593528
Ion Ratio Lower Upper
96 100
61 204.2 173.4 260.0
98 59.5 54.9 82.3





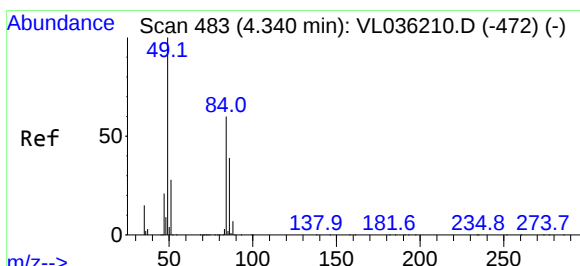
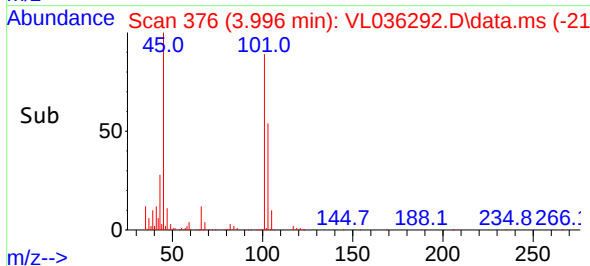
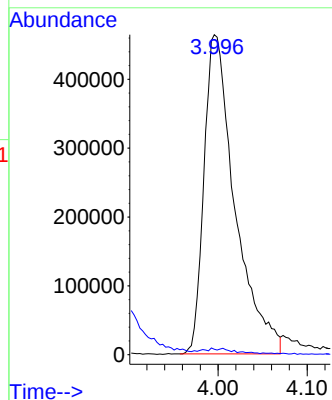
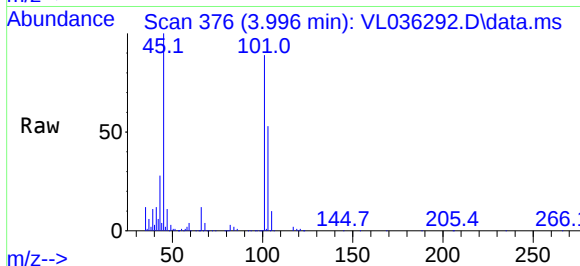
#19
Isopropyl Alcohol
Concen: 9.59 ppbv
RT: 3.996 min Scan# 376
Delta R.T. 0.032 min
Lab File: VL036292.D
Acq: 3 Feb 2021 11:59

Instrument :
MSVOA_L
ClientSampled :
VSTDCCC010

Tgt Ion: 45 Resp: 1119184
Ion Ratio Lower Upper
45 100
58 2.9 1.9 2.9#

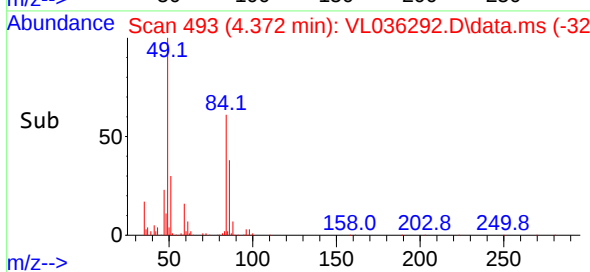
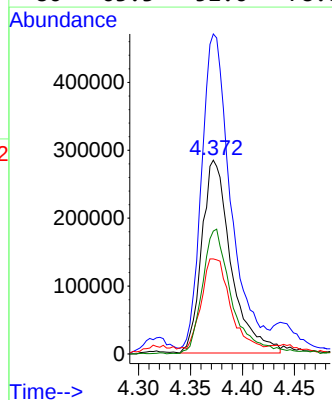
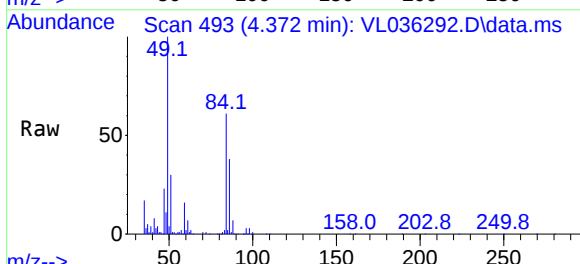
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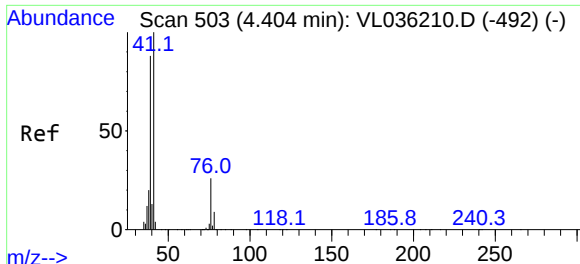
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#20
Methylene Chloride
Concen: 9.04 ppbv
RT: 4.372 min Scan# 493
Delta R.T. 0.032 min
Lab File: VL036292.D
Acq: 3 Feb 2021 11:59

Tgt Ion: 84 Resp: 558463
Ion Ratio Lower Upper
84 100
49 163.0 134.1 201.1
51 46.1 37.4 56.0
86 63.3 52.6 78.8





#21
 Allyl Chloride
 Concen: 10.01 ppbv
 RT: 4.439 min Scan# 514
 Delta R.T. 0.035 min
 Lab File: VL036292.D
 Acq: 3 Feb 2021 11:59

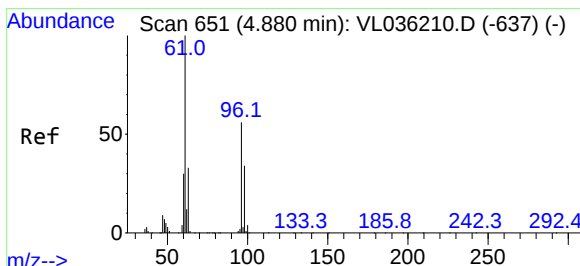
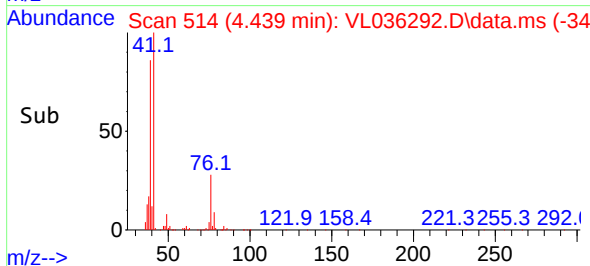
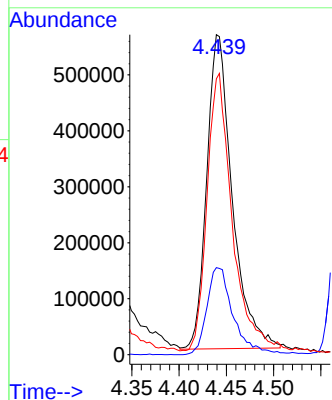
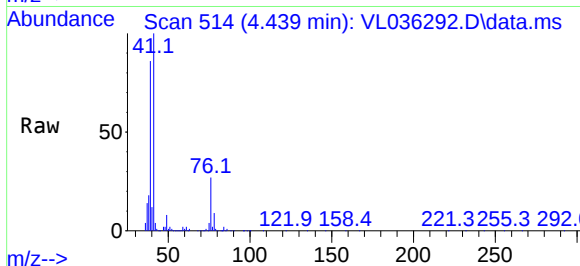
Instrument :
 MSVOA_L
 ClientSampled :
 VSTDCCC010

Tgt Ion: 41 Resp: 1054538

Ion	Ratio	Lower	Upper
41	100		
76	28.9	20.5	30.7
39	90.3	67.8	101.8

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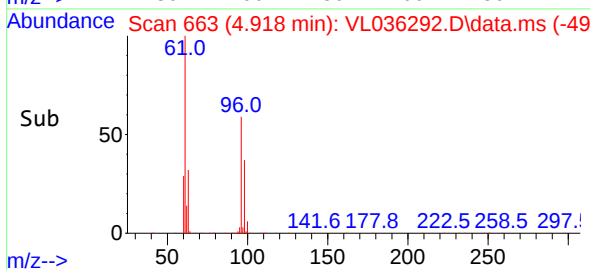
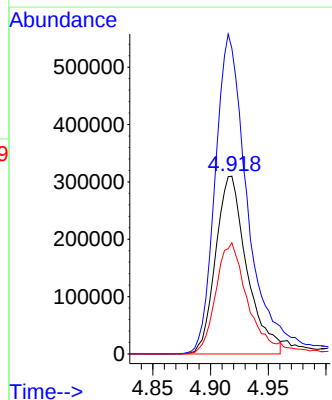
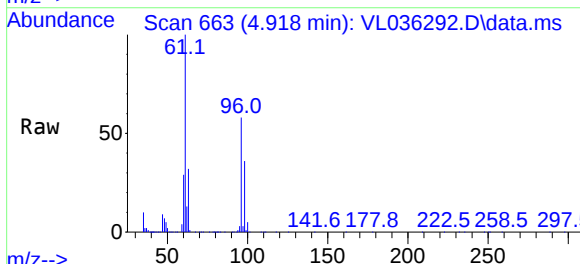
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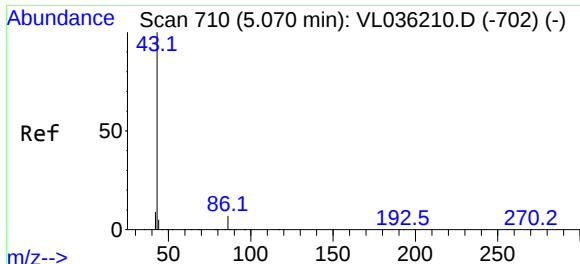


#22
 trans-1,2-Dichloroethene
 Concen: 10.42 ppbv
 RT: 4.918 min Scan# 663
 Delta R.T. 0.038 min
 Lab File: VL036292.D
 Acq: 3 Feb 2021 11:59

Tgt Ion: 96 Resp: 582663

Ion	Ratio	Lower	Upper
96	100		
61	171.8	142.7	214.1
98	62.6	48.7	73.1





#23
 Vinyl Acetate
 Concen: 10.11 ppbv
 RT: 5.108 min Scan# 722
 Delta R.T. 0.038 min
 Lab File: VL036292.D
 Acq: 3 Feb 2021 11:59

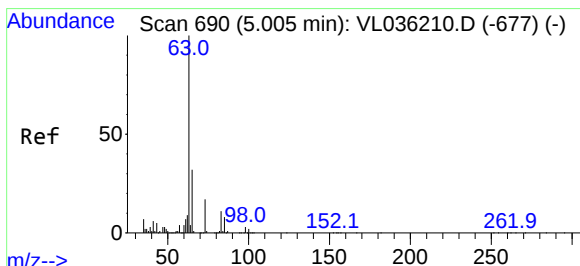
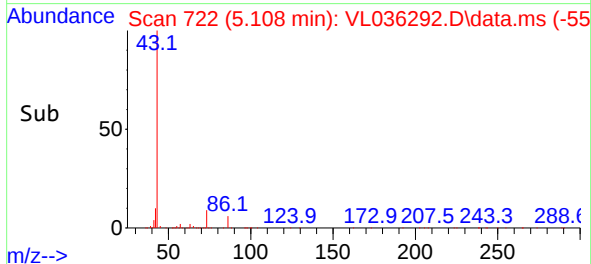
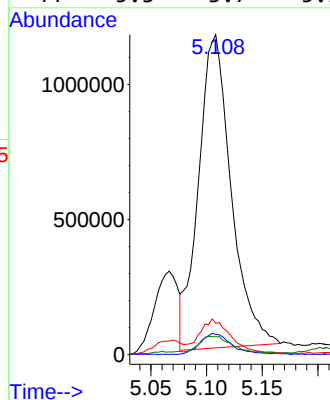
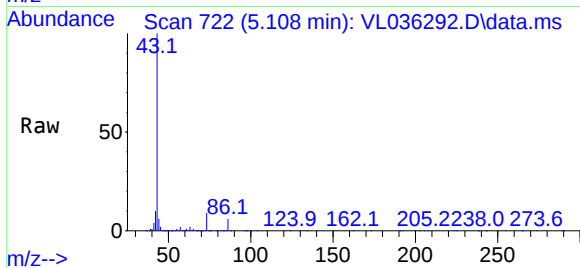
Tgt Ion: 43 Resp: 2370454

Ion	Ratio	Lower	Upper
43	100		
86	6.3	4.9	7.3
42	9.6	7.8	11.6
44	5.3	3.7	5.5

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

Manual Integrations
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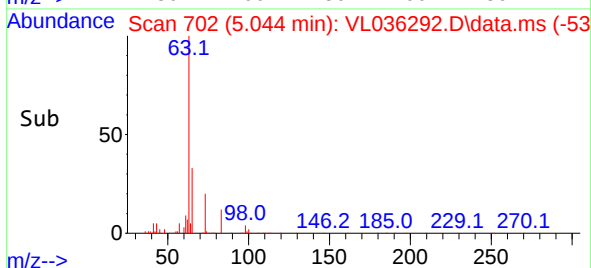
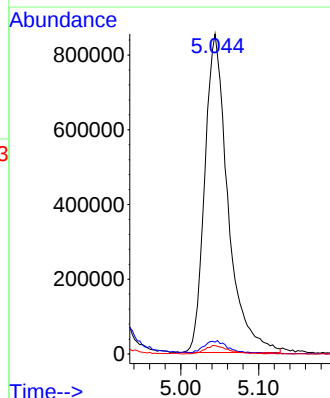
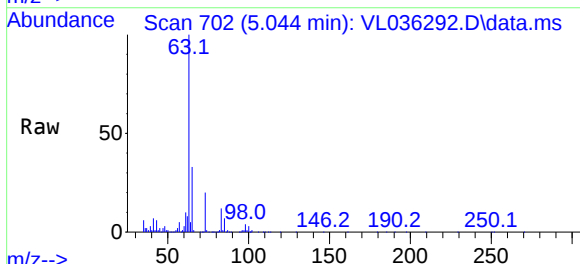
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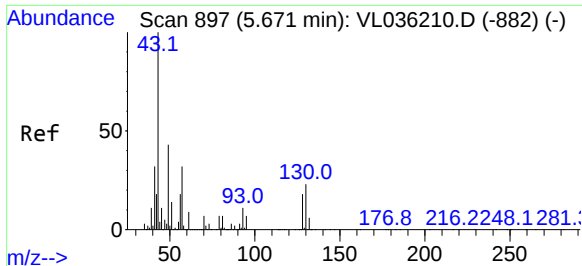


#24
 1,1-Dichloroethane
 Concen: 10.36 ppbv
 RT: 5.044 min Scan# 702
 Delta R.T. 0.038 min
 Lab File: VL036292.D
 Acq: 3 Feb 2021 11:59

Tgt Ion: 63 Resp: 1760375

Ion	Ratio	Lower	Upper
63	100		
98	3.6	1.7	5.1
100	2.6	1.1	3.1





#25
Ethyl Acetate
Concen: 9.53 ppbv
RT: 5.713 min Scan# 910
Delta R.T. 0.042 min
Lab File: VL036292.D
Acq: 3 Feb 2021 11:59

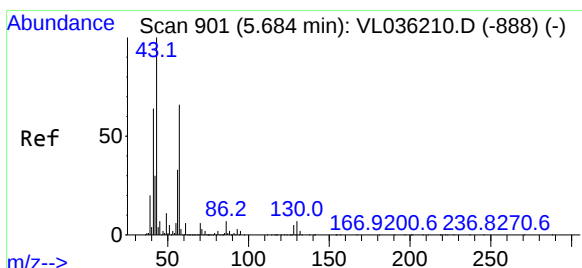
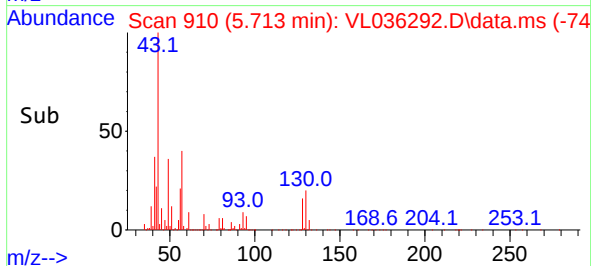
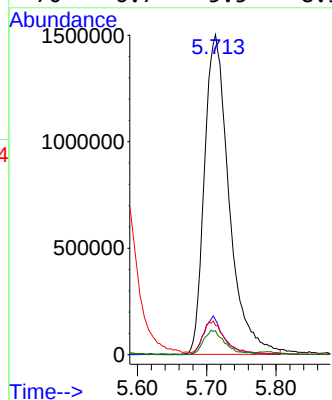
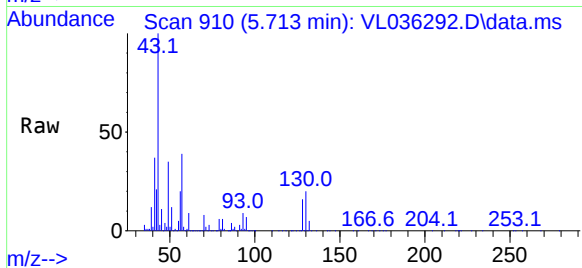
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 43 Resp: 3705336

Ion	Ratio	Lower	Upper
43	100		
45	10.3	8.3	12.5
61	9.6	7.4	11.2
70	6.7	5.5	8.3

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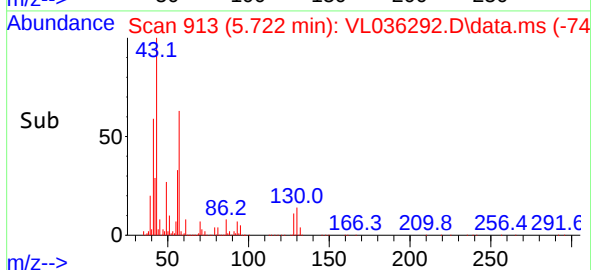
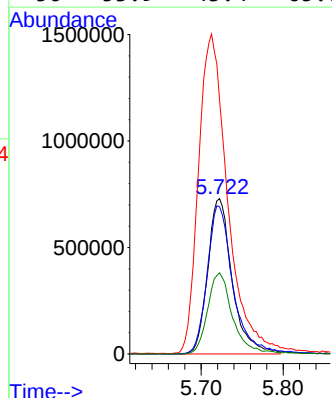
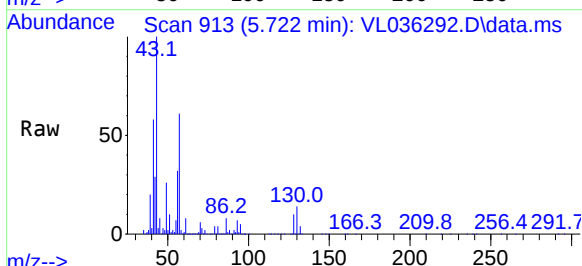
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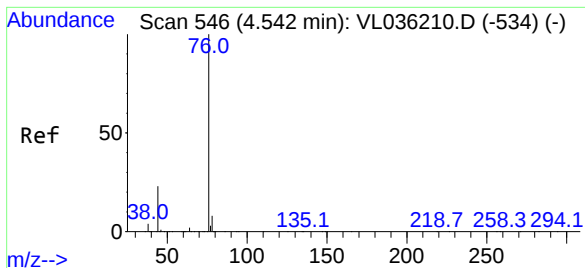


#26
Hexane
Concen: 9.36 ppbv
RT: 5.722 min Scan# 913
Delta R.T. 0.038 min
Lab File: VL036292.D
Acq: 3 Feb 2021 11:59

Tgt Ion: 57 Resp: 1514081

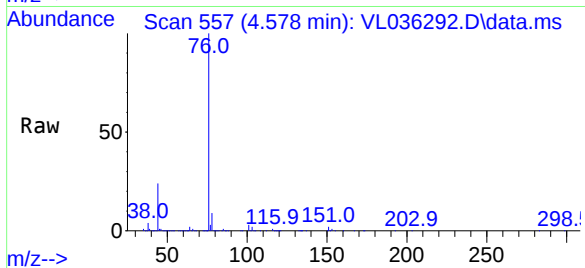
Ion	Ratio	Lower	Upper
57	100		
41	101.5	83.0	124.6
43	247.6	202.4	303.6
56	53.9	43.4	65.0





#27
Carbon Disulfide
Concen: 11.80 ppbv
RT: 4.578 min Scan# 557
Delta R.T. 0.035 min
Lab File: VL036292.D
Acq: 3 Feb 2021 11:59

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

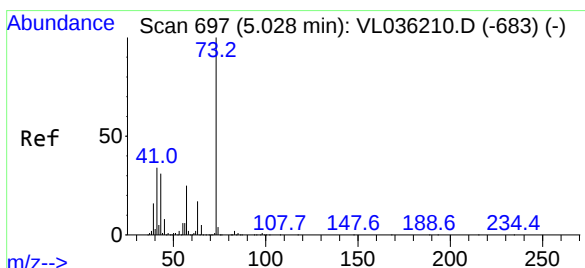
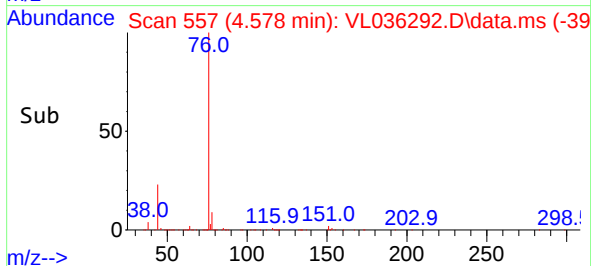
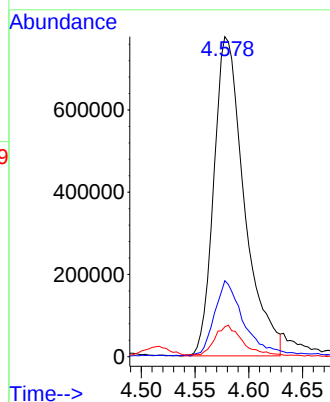


Tgt Ion: 76 Resp: 1527429

Ion	Ratio	Lower	Upper
76	100		
44	23.2	19.0	28.6
78	10.0	8.0	12.0

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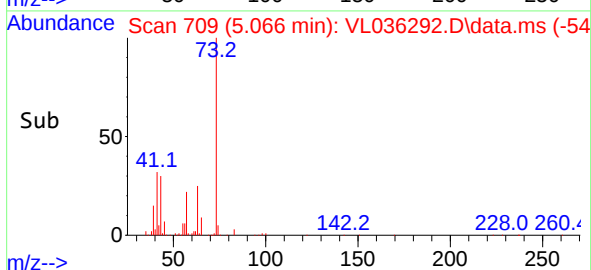
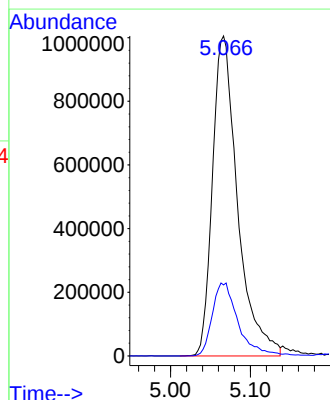
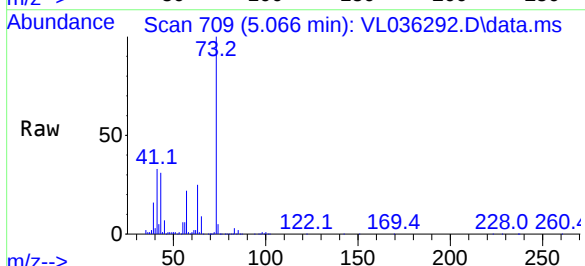
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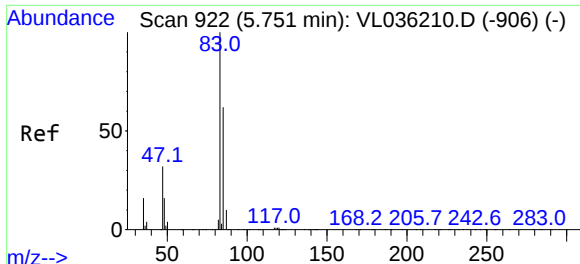


#28
Methyl tert-Butyl Ether
Concen: 10.01 ppbv
RT: 5.066 min Scan# 709
Delta R.T. 0.038 min
Lab File: VL036292.D
Acq: 3 Feb 2021 11:59

Tgt Ion: 73 Resp: 2191340

Ion	Ratio	Lower	Upper
73	100		
57	23.8	20.4	30.6





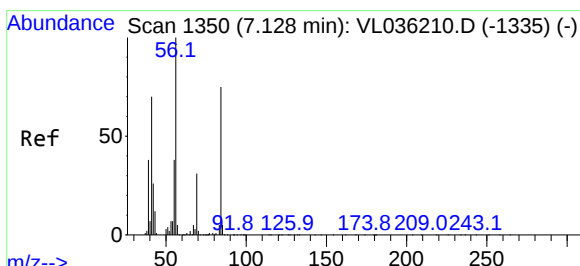
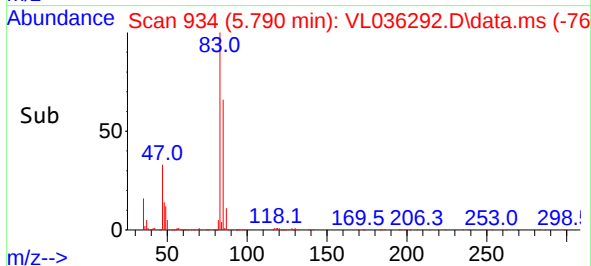
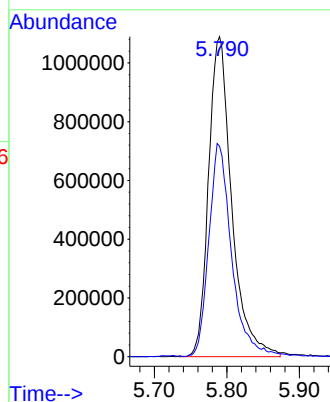
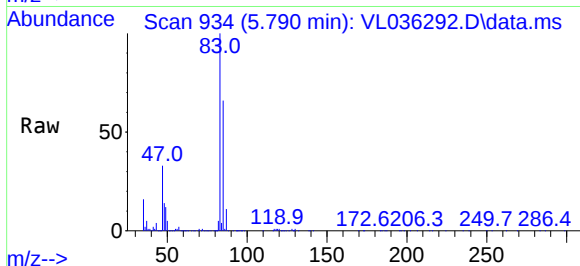
#29
Chloroform
Concen: 10.42 ppbv
RT: 5.790 min Scan# 934
Delta R.T. 0.038 min
Lab File: VL036292.D
Acq: 3 Feb 2021 11:59

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 83 Resp: 2414192
Ion Ratio Lower Upper
83 100
85 65.4 49.3 73.9

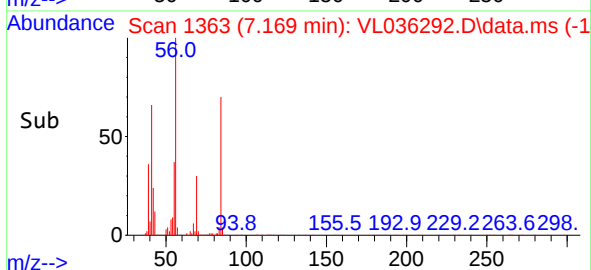
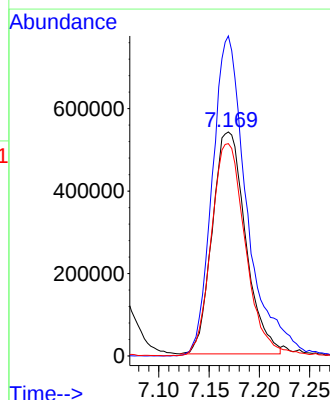
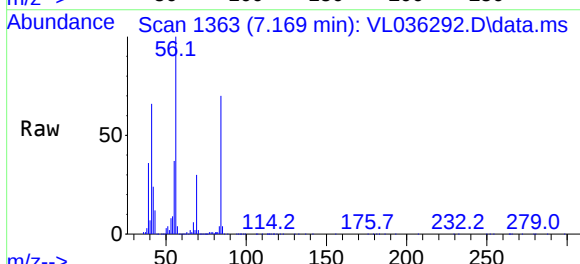
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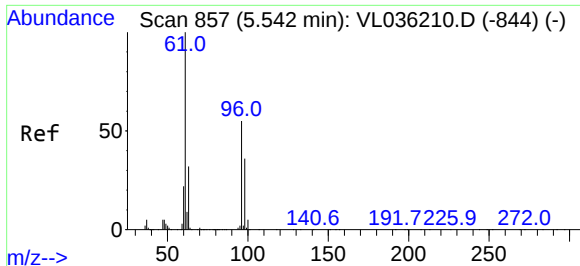
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#30
Cyclohexane
Concen: 10.04 ppbv
RT: 7.169 min Scan# 1363
Delta R.T. 0.042 min
Lab File: VL036292.D
Acq: 3 Feb 2021 11:59

Tgt Ion: 84 Resp: 1241728
Ion Ratio Lower Upper
84 100
56 151.2 119.4 179.0
41 98.1 79.4 119.0





#31
cis-1,2-Dichloroethene
Concen: 10.08 ppbv
RT: 5.584 min Scan# 870
Delta R.T. 0.042 min
Lab File: VL036292.D
Acq: 3 Feb 2021 11:59

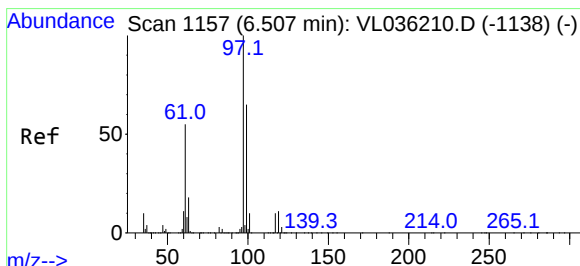
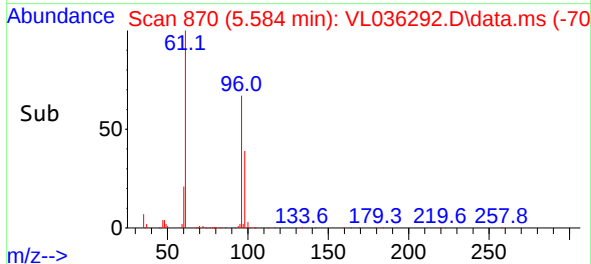
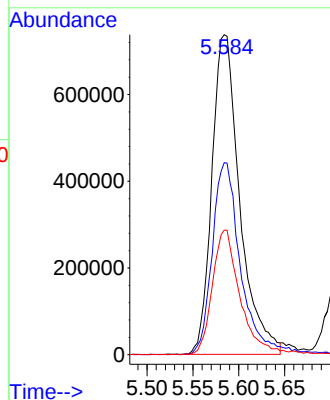
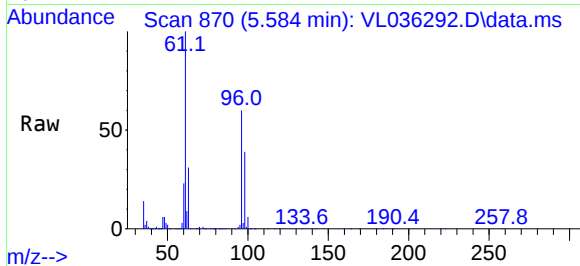
Tgt Ion: 61 Resp: 1558680

Ion	Ratio	Lower	Upper
61	100		
96	60.0	44.1	66.1
98	38.9	28.6	42.8

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

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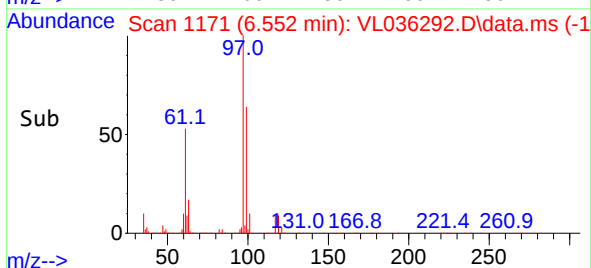
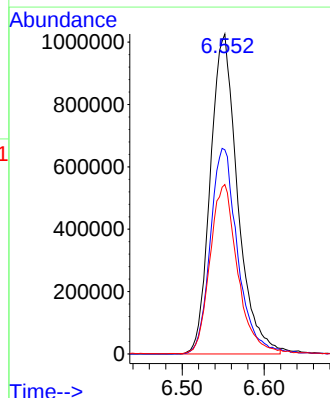
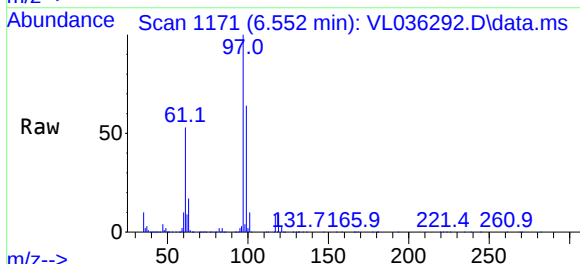
MMDadoda
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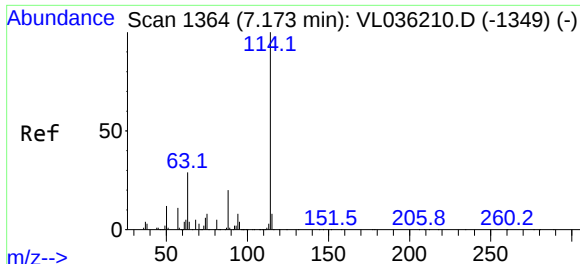


#32
1,1,1-Trichloroethane
Concen: 10.55 ppbv
RT: 6.552 min Scan# 1171
Delta R.T. 0.045 min
Lab File: VL036292.D
Acq: 3 Feb 2021 11:59

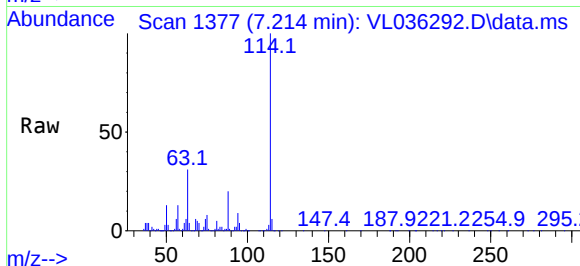
Tgt Ion: 97 Resp: 2363546

Ion	Ratio	Lower	Upper
97	100		
99	65.2	52.0	78.0
61	54.3	43.6	65.4



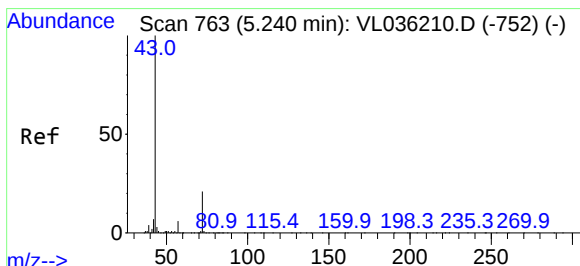
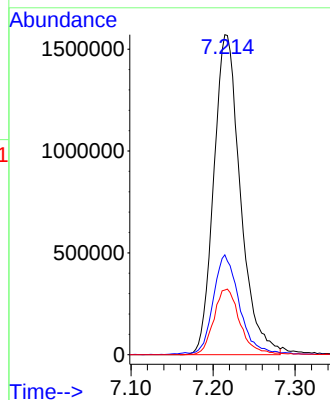
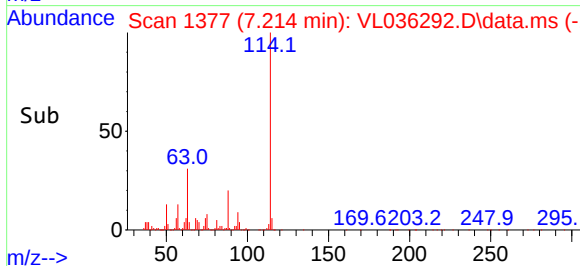


#33
1,4-Difluorobenzene
Concen: 10.00 ppbv
RT: 7.214 min Scan# 1377
Delta R.T. 0.042 min
Lab File: VL036292.D
Acq: 3 Feb 2021 11:59

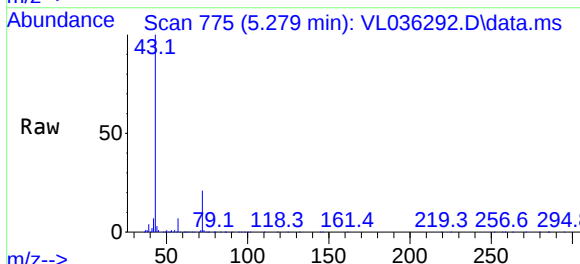


Tgt Ion: 114 Resp: 3546288

Ion	Ratio	Lower	Upper
114	100		
63	31.1	24.7	37.1
88	20.4	16.6	24.8

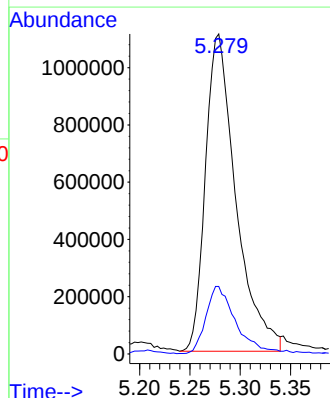
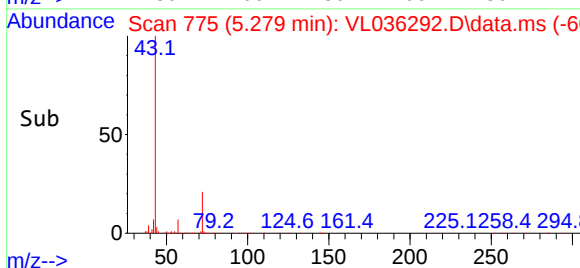


#34
2-Butanone
Concen: 8.95 ppbv
RT: 5.279 min Scan# 775
Delta R.T. 0.038 min
Lab File: VL036292.D
Acq: 3 Feb 2021 11:59



Tgt Ion: 43 Resp: 2338166

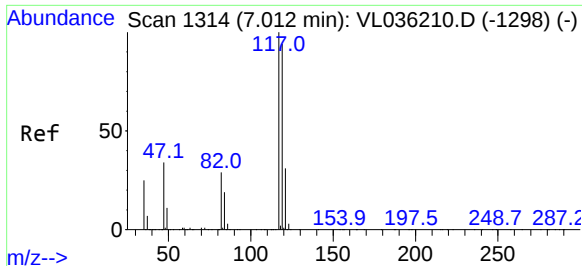
Ion	Ratio	Lower	Upper
43	100		
72	21.7	16.1	24.1



Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

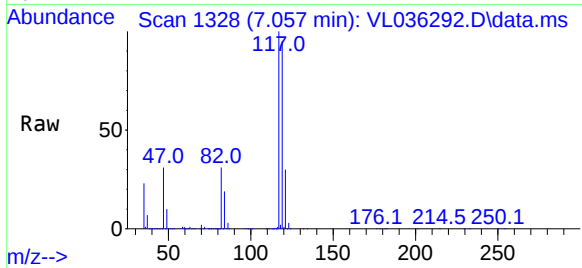
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#35
Carbon Tetrachloride
Concen: 10.64 ppbv
RT: 7.057 min Scan# 1328
Delta R.T. 0.045 min
Lab File: VL036292.D
Acq: 3 Feb 2021 11:59

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

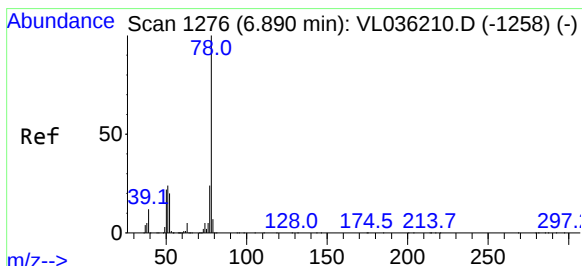
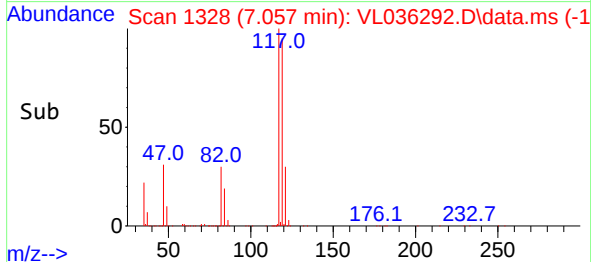
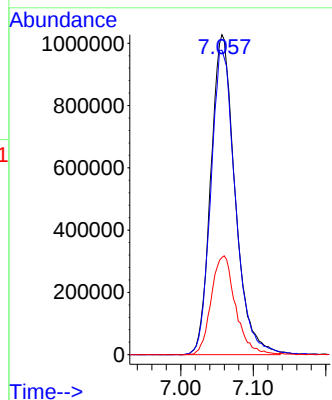


Tgt Ion:117 Resp: 2383006

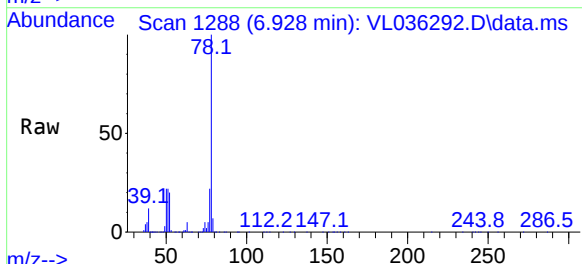
Ion	Ratio	Lower	Upper
117	100		
119	95.2	74.9	112.3
121	30.3	25.0	37.6

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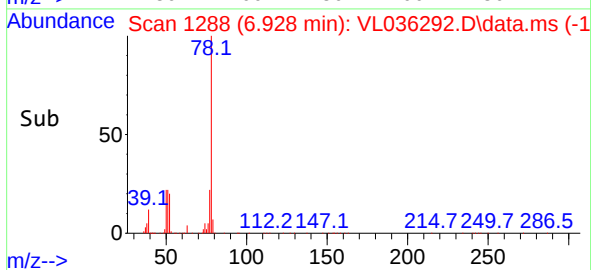
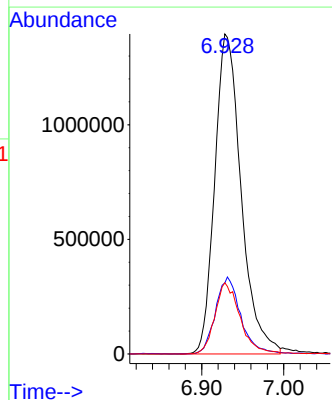


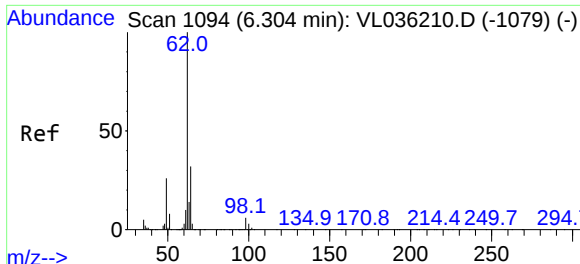
#36
Benzene
Concen: 9.60 ppbv
RT: 6.928 min Scan# 1288
Delta R.T. 0.038 min
Lab File: VL036292.D
Acq: 3 Feb 2021 11:59



Tgt Ion: 78 Resp: 3118157

Ion	Ratio	Lower	Upper
78	100		
77	22.1	19.4	29.0
50	22.2	17.4	26.2





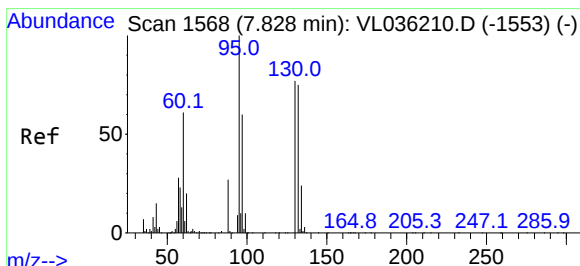
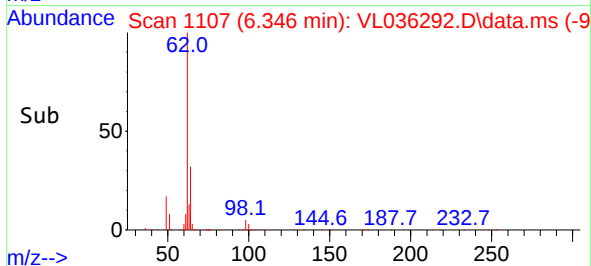
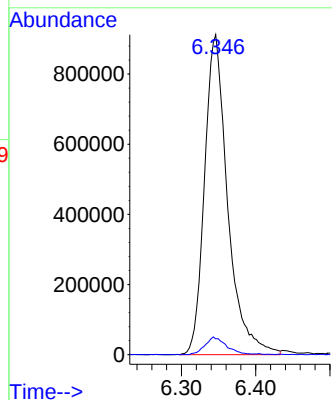
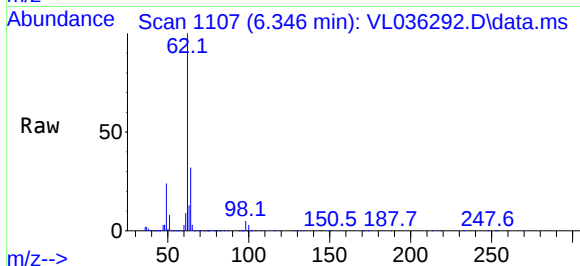
#37
1,2-Dichloroethane
Concen: 10.09 ppbv
RT: 6.346 min Scan# 1107
Delta R.T. 0.042 min
Lab File: VL036292.D
Acq: 3 Feb 2021 11:59

Tgt Ion: 62 Resp: 1972803
Ion Ratio Lower Upper
62 100
98 5.3 4.4 6.6

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

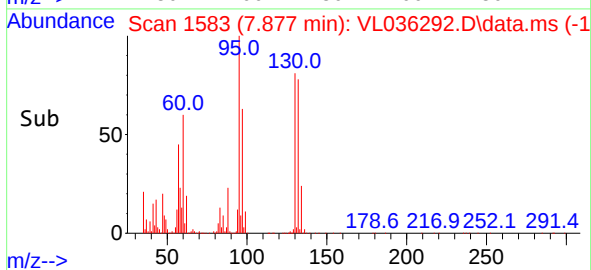
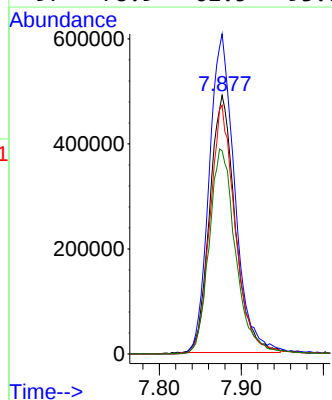
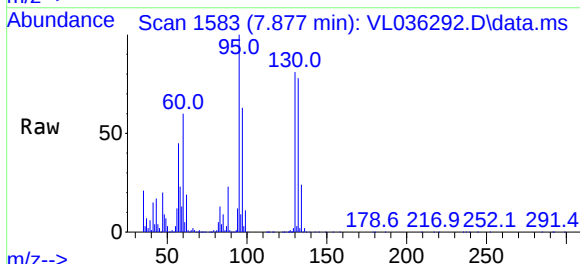
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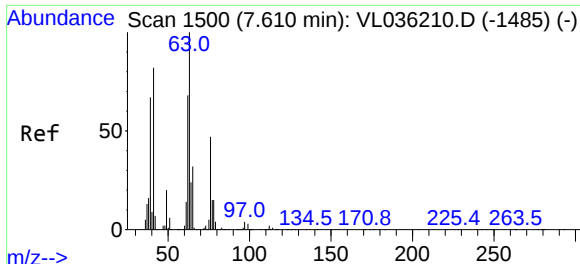
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#38
Trichloroethene
Concen: 8.77 ppbv
RT: 7.877 min Scan# 1583
Delta R.T. 0.048 min
Lab File: VL036292.D
Acq: 3 Feb 2021 11:59

Tgt Ion:130 Resp: 1055790
Ion Ratio Lower Upper
130 100
95 124.2 103.9 155.9
132 96.5 77.4 116.2
97 78.9 62.5 93.7





#39
1,2-Dichloropropane
Concen: 9.63 ppbv
RT: 7.652 min Scan# 1513
Delta R.T. 0.042 min
Lab File: VL036292.D
Acq: 3 Feb 2021 11:59

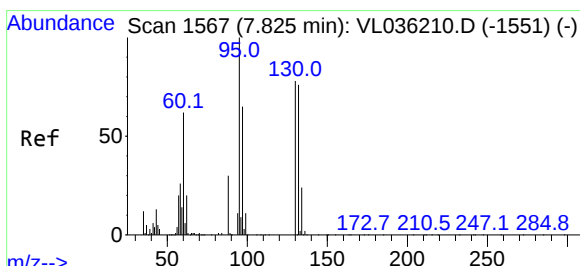
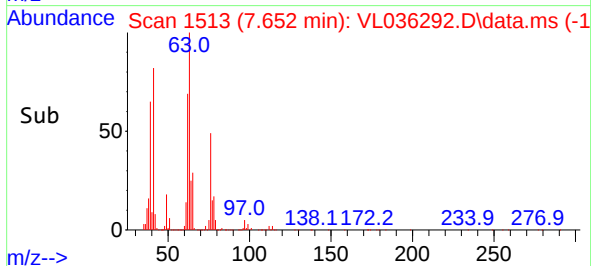
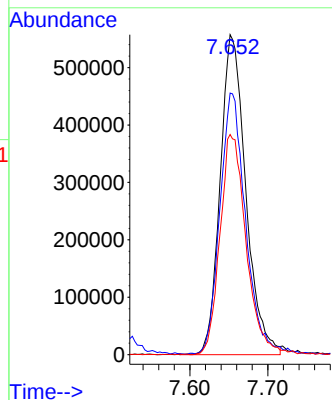
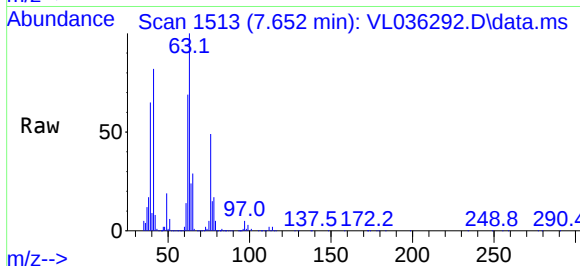
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 63 Resp: 1270115

Ion	Ratio	Lower	Upper
63	100		
41	81.4	66.1	99.1
62	68.6	54.8	82.2

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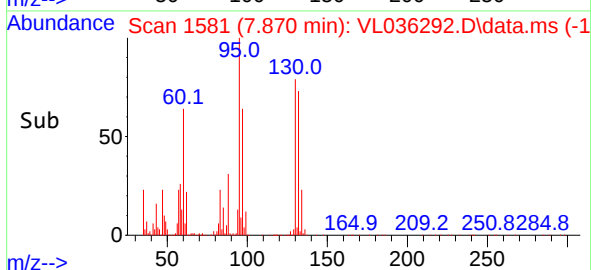
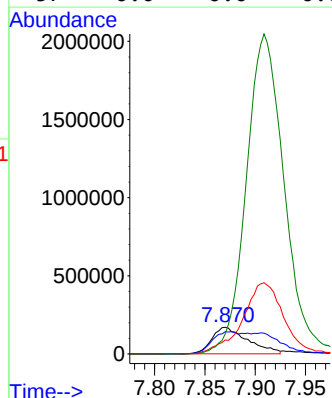
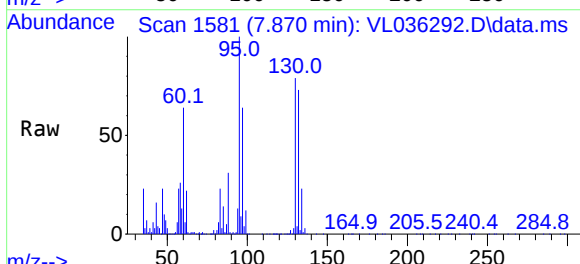
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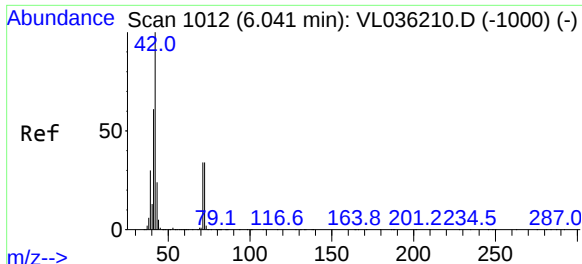


#40
1,4-Dioxane
Concen: 8.87 ppbv
RT: 7.870 min Scan# 1581
Delta R.T. 0.045 min
Lab File: VL036292.D
Acq: 3 Feb 2021 11:59

Tgt Ion: 88 Resp: 423364

Ion	Ratio	Lower	Upper
88	100		
58	148.2	123.0	184.6
43	0.0	0.0	0.0
57	0.0	0.0	0.0





#41
Tetrahydrofuran
Concen: 9.48 ppbv
RT: 6.086 min Scan# 1026
Delta R.T. 0.045 min
Lab File: VL036292.D
Acq: 3 Feb 2021 11:59

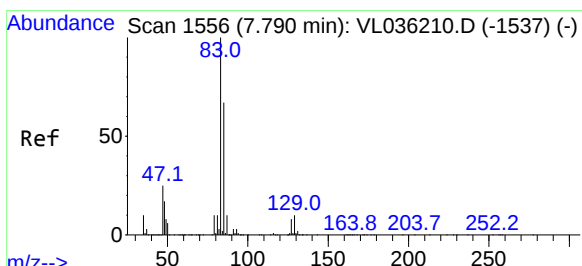
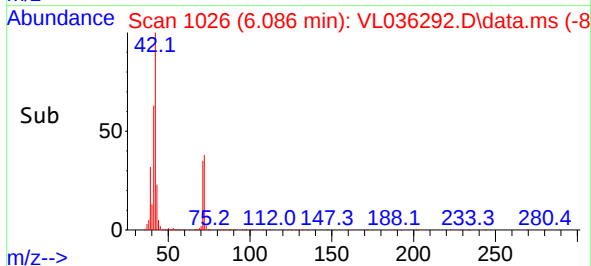
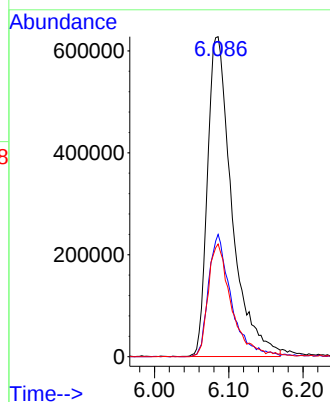
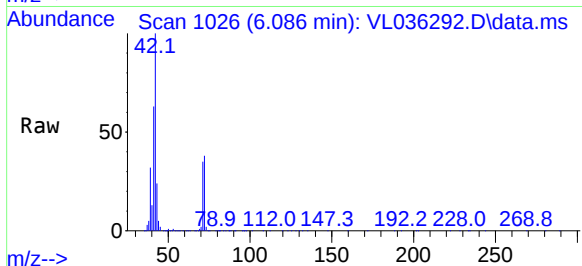
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 42 Resp: 1430279

Ion	Ratio	Lower	Upper
42	100		
72	36.0	29.5	44.3
71	33.9	29.1	43.7

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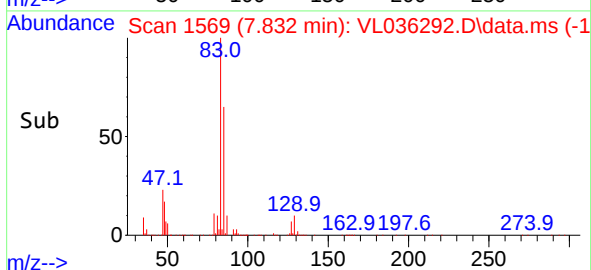
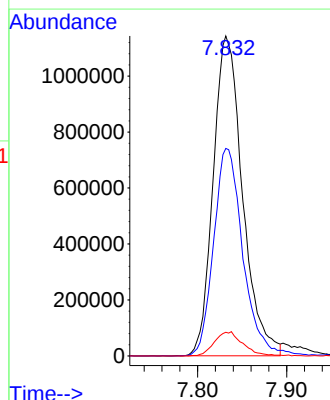
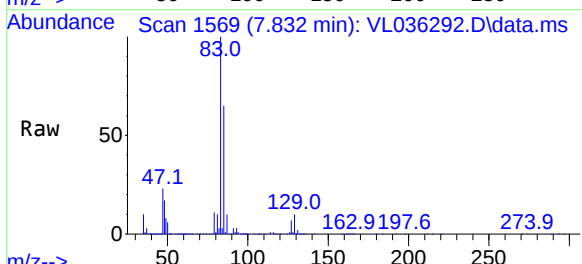
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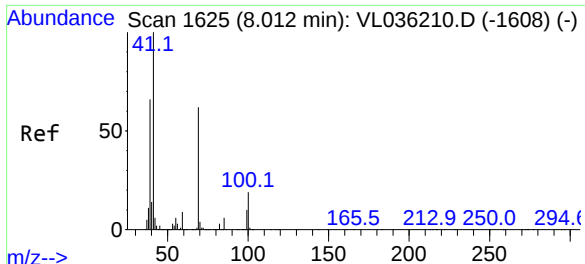


#42
Bromodichloromethane
Concen: 10.66 ppbv
RT: 7.832 min Scan# 1569
Delta R.T. 0.042 min
Lab File: VL036292.D
Acq: 3 Feb 2021 11:59

Tgt Ion: 83 Resp: 2619388

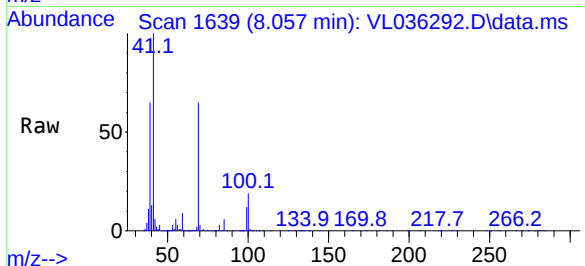
Ion	Ratio	Lower	Upper
83	100		
85	64.9	53.4	80.2
127	7.4	6.2	9.2





#43
Methyl Methacrylate
Concen: 10.29 ppbv
RT: 8.057 min Scan# 1639
Delta R.T. 0.045 min
Lab File: VL036292.D
Acq: 3 Feb 2021 11:59

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

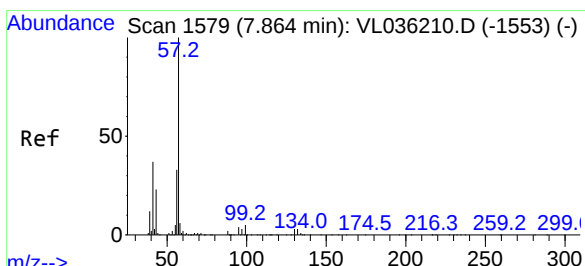
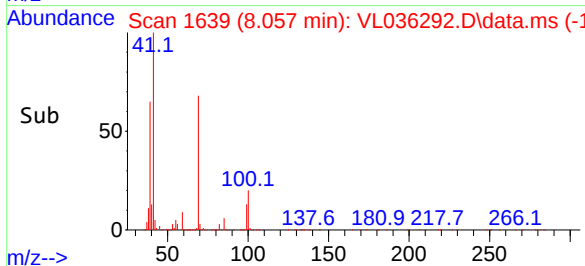
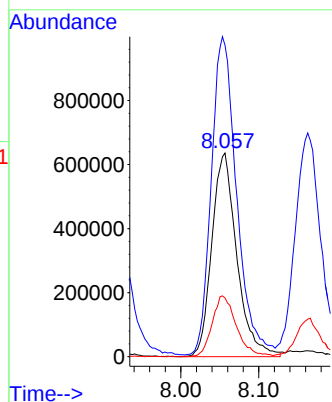


Tgt Ion: 69 Resp: 1420345

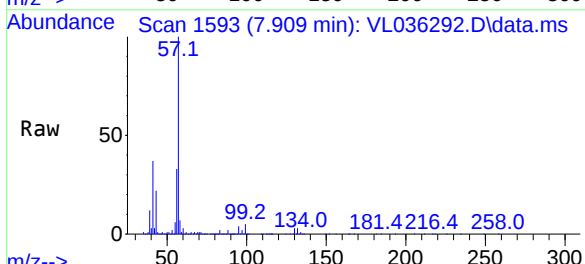
Ion	Ratio	Lower	Upper
69	100		
41	158.6	133.4	200.2
100	28.9	24.3	36.5

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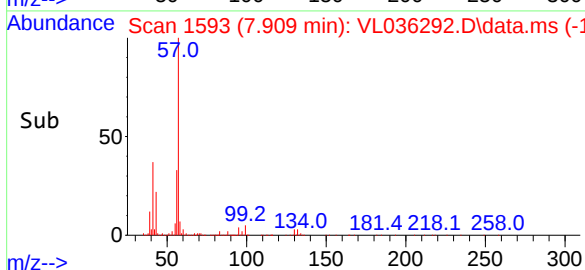
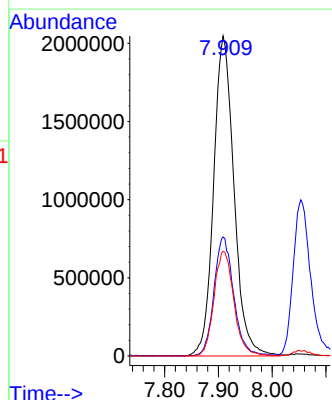


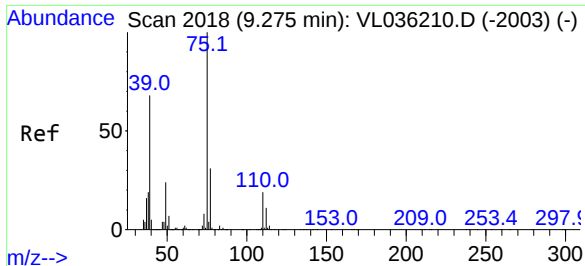
#44
2,2,4-Trimethylpentane
Concen: 9.02 ppbv
RT: 7.909 min Scan# 1593
Delta R.T. 0.045 min
Lab File: VL036292.D
Acq: 3 Feb 2021 11:59



Tgt Ion: 57 Resp: 5385837

Ion	Ratio	Lower	Upper
57	100		
41	35.8	28.5	42.7
56	32.1	25.5	38.3





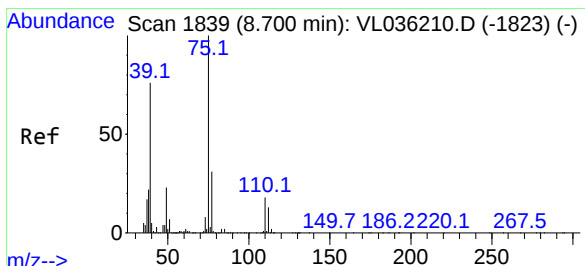
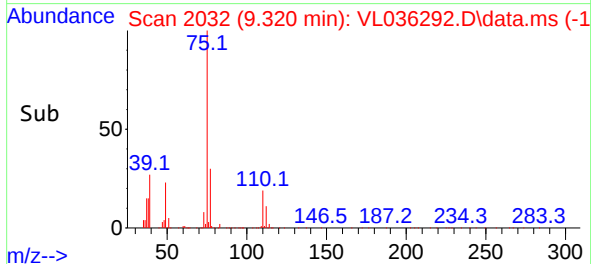
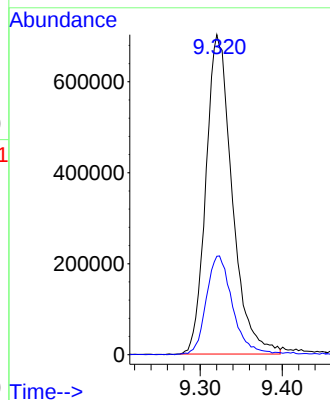
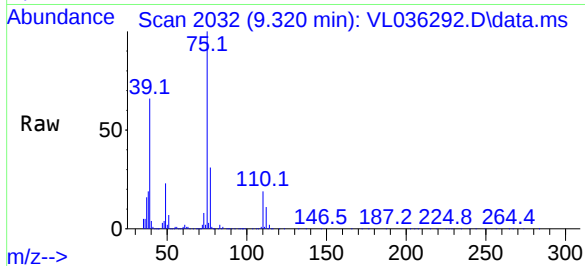
#45
t-1,3-Dichloropropene
Concen: 11.89 ppbv
RT: 9.320 min Scan# 2032
Delta R.T. 0.045 min
Lab File: VL036292.D
Acq: 3 Feb 2021 11:59

Tgt Ion: 75 Resp: 1559711
Ion Ratio Lower Upper
75 100
77 30.8 24.7 37.1

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

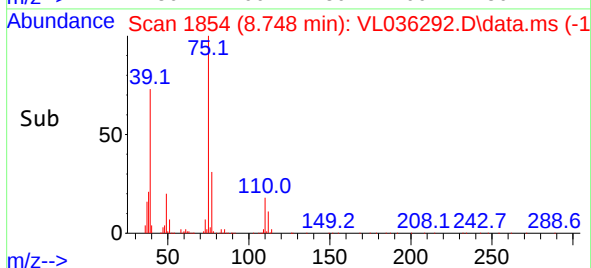
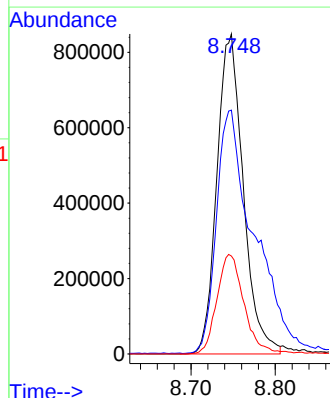
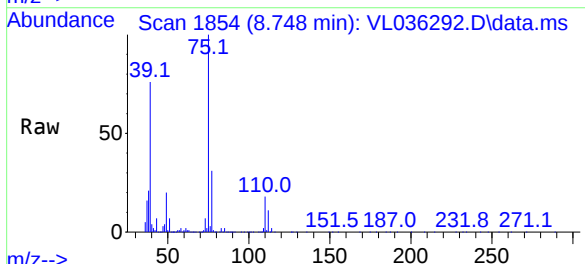
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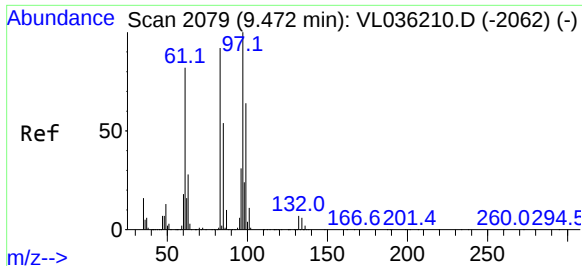
MMDadoda
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#46
cis-1,3-Dichloropropene
Concen: 10.91 ppbv
RT: 8.748 min Scan# 1854
Delta R.T. 0.048 min
Lab File: VL036292.D
Acq: 3 Feb 2021 11:59

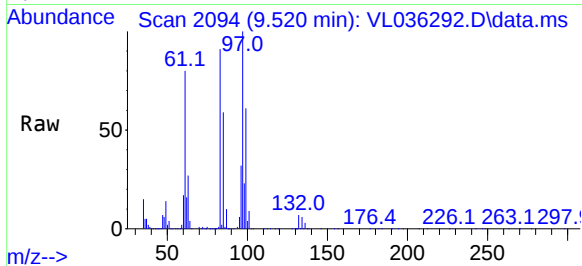
Tgt Ion: 75 Resp: 1839410
Ion Ratio Lower Upper
75 100
39 75.9 61.2 91.8
77 30.6 24.6 37.0





#47
1,1,2-Trichloroethane
Concen: 9.92 ppbv
RT: 9.520 min Scan# 2094
Delta R.T. 0.048 min
Lab File: VL036292.D
Acq: 3 Feb 2021 11:59

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

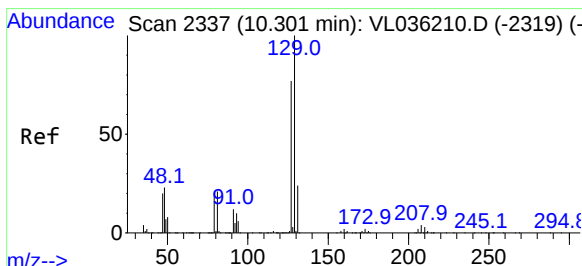
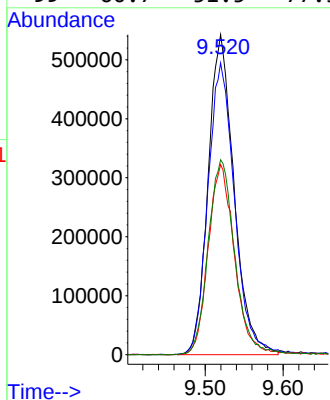
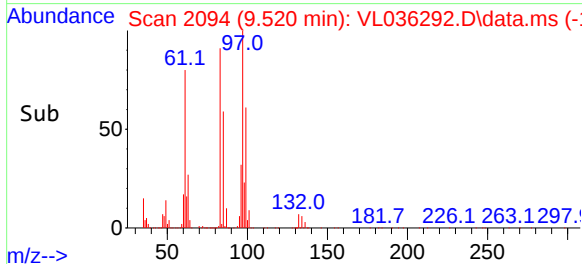


Tgt Ion: 97 Resp: 1252579

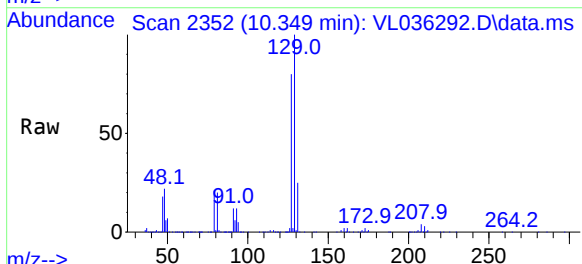
Ion	Ratio	Lower	Upper
97	100		
83	91.0	73.3	109.9
85	59.4	43.2	64.8
99	60.7	51.5	77.3

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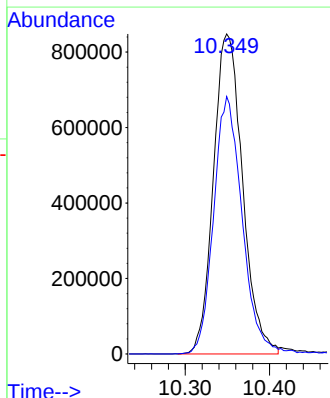
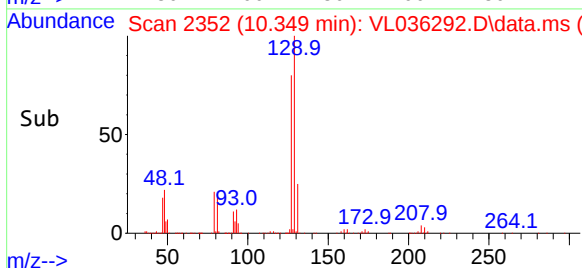


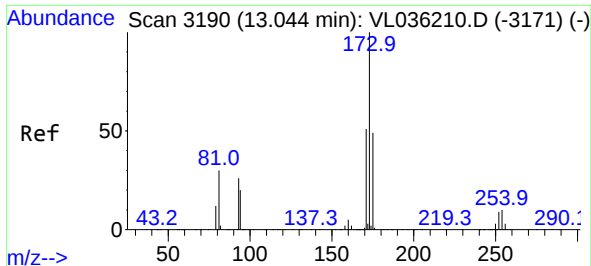
#48
Dibromochloromethane
Concen: 11.02 ppbv
RT: 10.349 min Scan# 2352
Delta R.T. 0.048 min
Lab File: VL036292.D
Acq: 3 Feb 2021 11:59



Tgt Ion: 129 Resp: 2034560

Ion	Ratio	Lower	Upper
129	100		
127	79.4	39.6	118.8





#49

Bromoform

Concen: 10.94 ppbv

RT: 13.089 min Scan# 3204

Delta R.T. 0.045 min

Lab File: VL036292.D

Acq: 3 Feb 2021 11:59

Tgt Ion:173 Resp: 1686581

Ion	Ratio	Lower	Upper
173	100		
175	51.3	40.7	61.1
171	53.7	43.0	64.6

Instrument :

MSVOA_L

ClientSampleId :

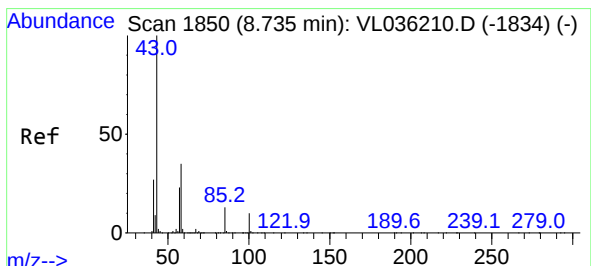
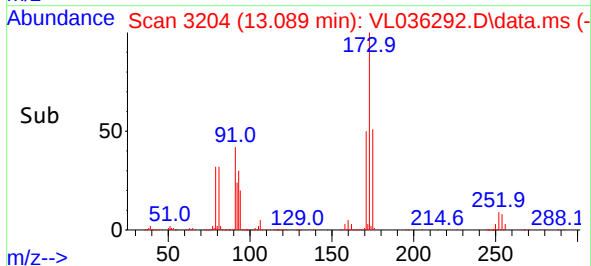
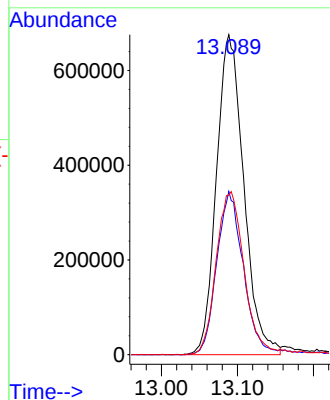
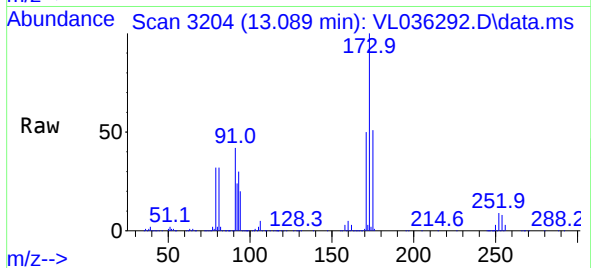
VSTDCCC010

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#50

4-Methyl-2-Pentanone

Concen: 9.47 ppbv

RT: 8.783 min Scan# 1865

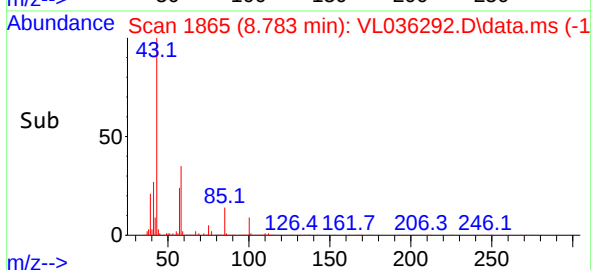
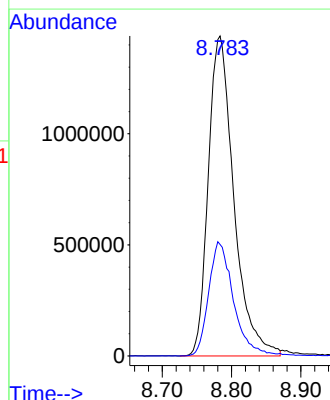
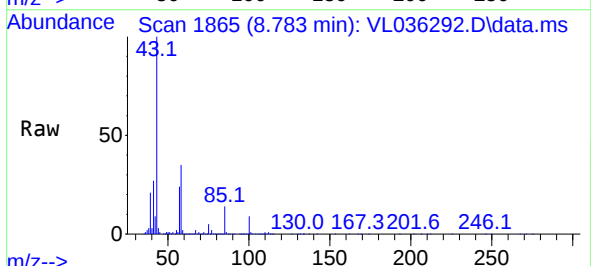
Delta R.T. 0.048 min

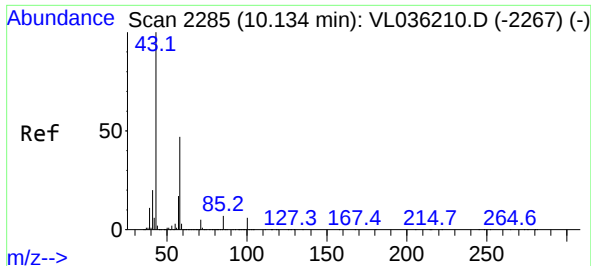
Lab File: VL036292.D

Acq: 3 Feb 2021 11:59

Tgt Ion: 43 Resp: 3688729

Ion	Ratio	Lower	Upper
43	100		
58	35.0	27.6	41.4





#51
2-Hexanone
Concen: 9.81 ppbv
RT: 10.176 min Scan# 2298
Delta R.T. 0.042 min
Lab File: VL036292.D
Acq: 3 Feb 2021 11:59

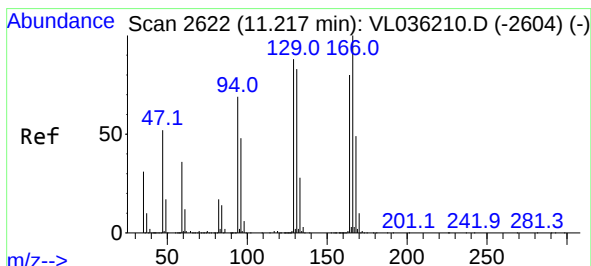
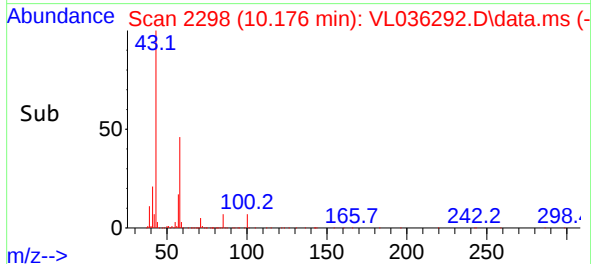
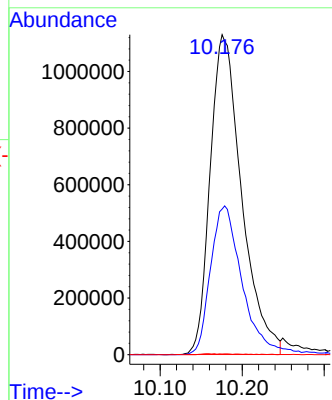
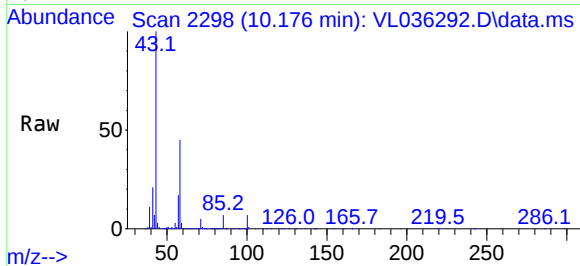
Tgt Ion: 43 Resp: 3012759

Ion	Ratio	Lower	Upper
43	100		
58	47.4	37.4	56.0
98	0.4	0.2	0.2#

Instrument :
MSVOA_L
ClientSampled :
VSTDCCC010

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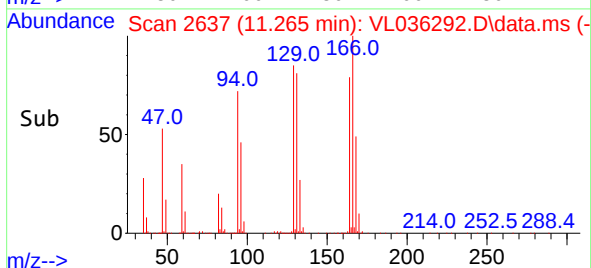
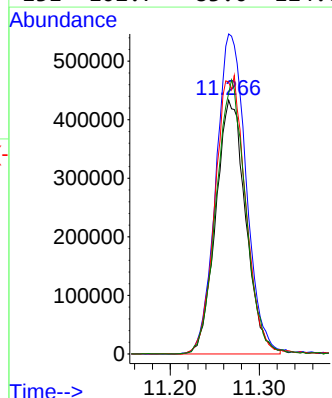
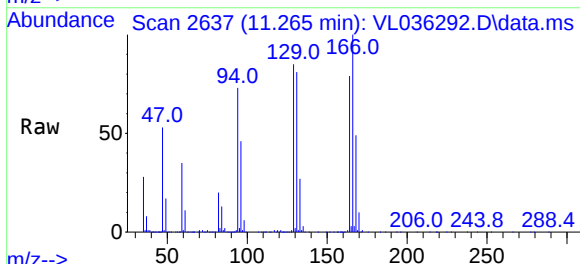
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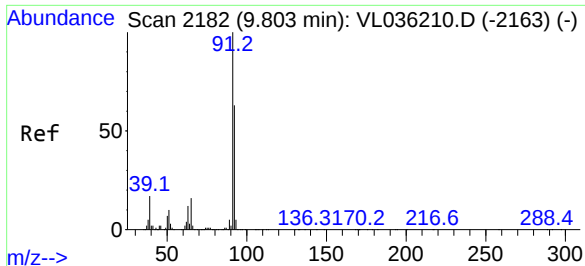


#52
Tetrachloroethene
Concen: 8.44 ppbv
RT: 11.265 min Scan# 2637
Delta R.T. 0.048 min
Lab File: VL036292.D
Acq: 3 Feb 2021 11:59

Tgt Ion:164 Resp: 1010012

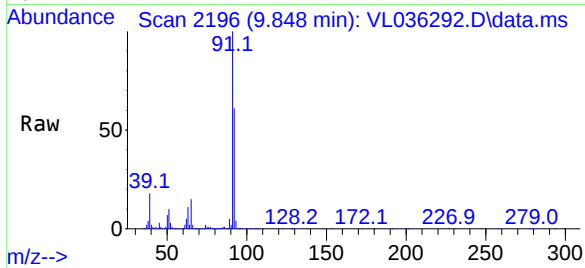
Ion	Ratio	Lower	Upper
164	100		
166	126.0	99.9	149.9
129	107.1	88.2	132.4
131	102.7	83.0	124.6





#53
Toluene
Concen: 9.58 ppbv
RT: 9.848 min Scan# 2196
Delta R.T. 0.045 min
Lab File: VL036292.D
Acq: 3 Feb 2021 11:59

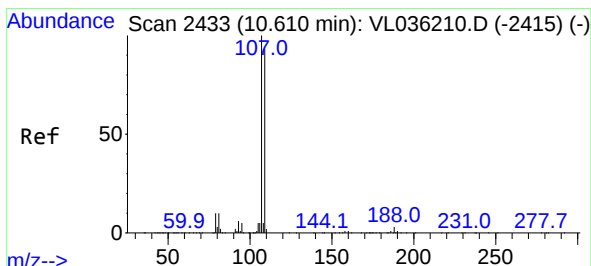
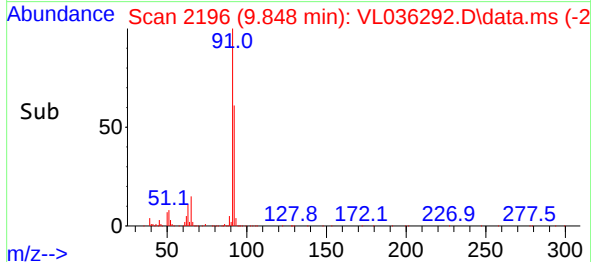
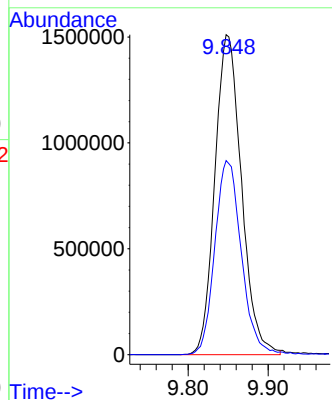
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



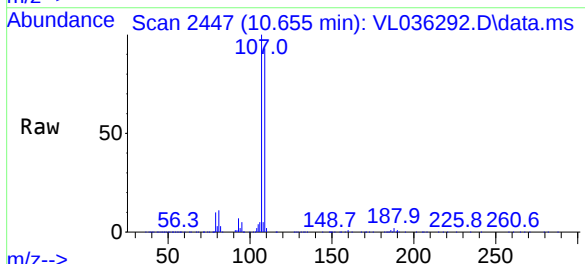
Tgt Ion: 91 Resp: 3483746
Ion Ratio Lower Upper
91 100
92 60.7 48.5 72.7

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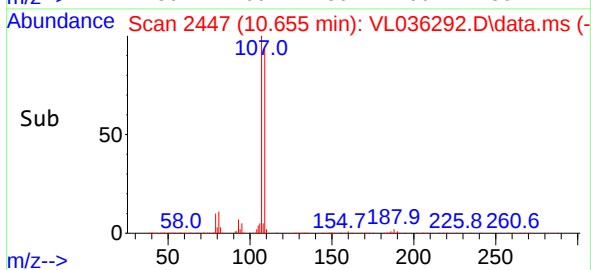
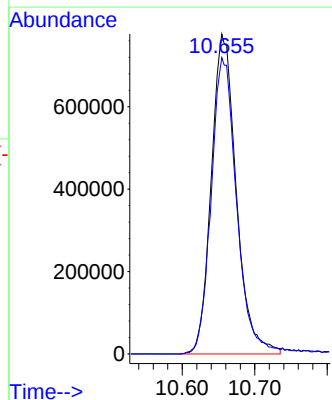
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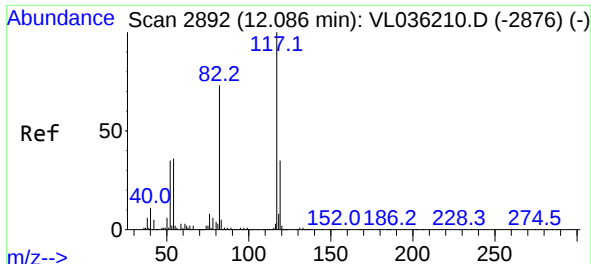


#54
1,2-Dibromoethane
Concen: 9.93 ppbv
RT: 10.655 min Scan# 2447
Delta R.T. 0.045 min
Lab File: VL036292.D
Acq: 3 Feb 2021 11:59



Tgt Ion: 107 Resp: 1857772
Ion Ratio Lower Upper
107 100
109 92.6 74.5 111.7





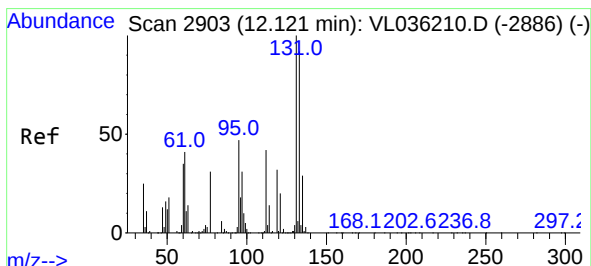
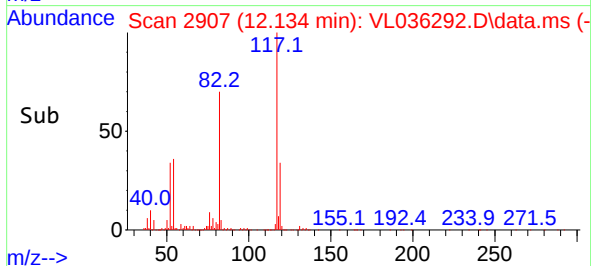
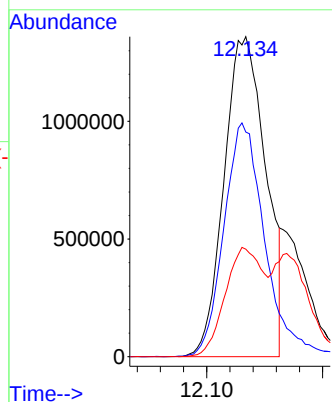
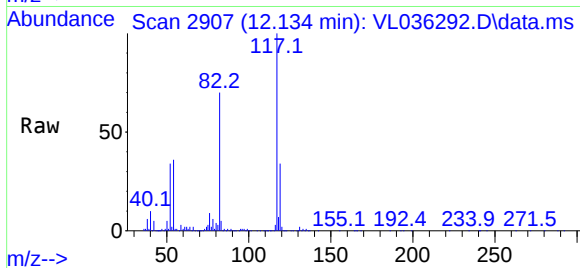
#55
Chlorobenzene-d5
Concen: 10.00 ppbv m
RT: 12.134 min Scan# 2907
Delta R.T. 0.048 min
Lab File: VL036292.D
Acq: 3 Feb 2021 11:59

Instrument :
MSVOA_L
ClientSampled :
VSTDCCC010

Tgt Ion:117 Resp: 3397547
Ion Ratio Lower Upper
117 100
82 73.3 59.7 89.5
119 31.2 28.6 43.0

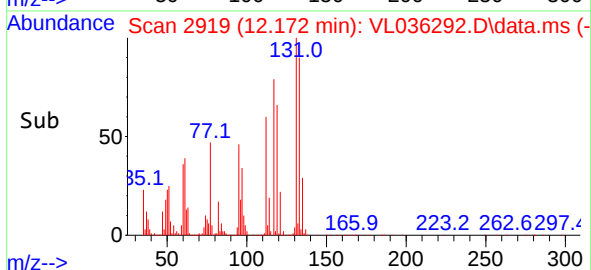
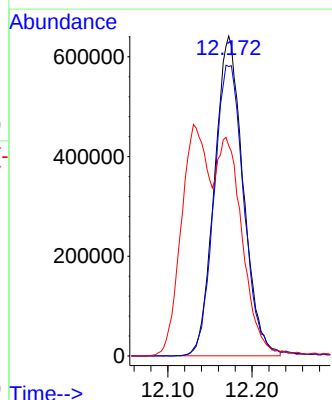
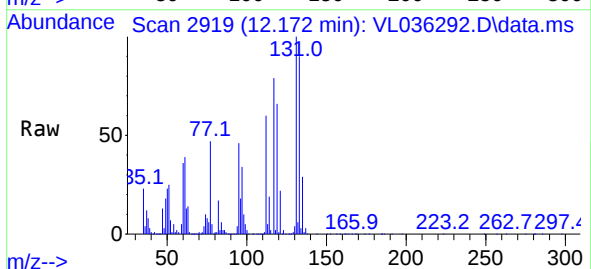
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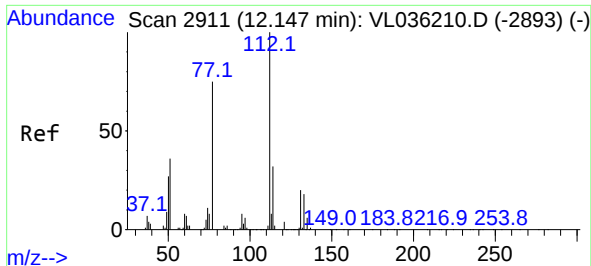
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#56
1,1,1,2-Tetrachloroethane
Concen: 9.99 ppbv
RT: 12.172 min Scan# 2919
Delta R.T. 0.051 min
Lab File: VL036292.D
Acq: 3 Feb 2021 11:59

Tgt Ion:131 Resp: 1514298
Ion Ratio Lower Upper
131 100
133 95.6 76.5 114.7
119 67.8 45.4 68.0





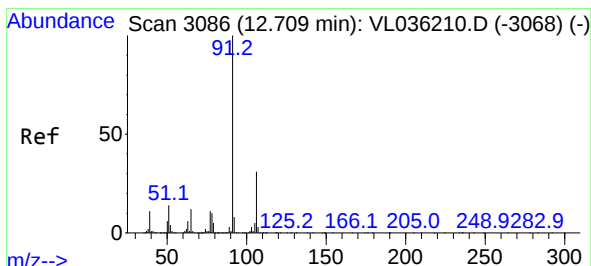
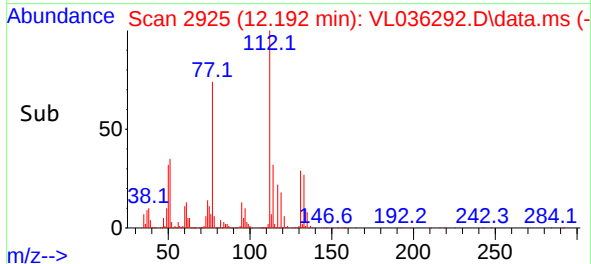
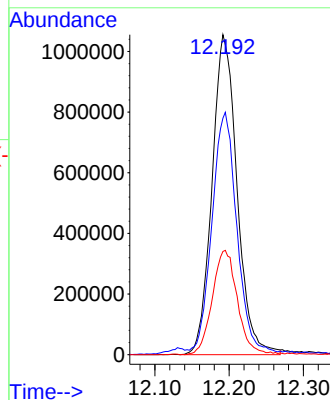
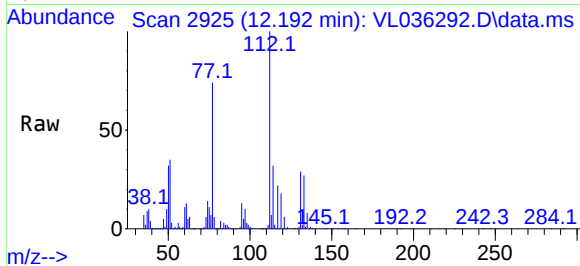
#57
Chlorobenzene
Concen: 9.27 ppbv
RT: 12.192 min Scan# 2925
Delta R.T. 0.045 min
Lab File: VL036292.D
Acq: 3 Feb 2021 11:59

Tgt Ion: 112 Resp: 2472300
Ion Ratio Lower Upper
112 100
77 72.8 59.6 89.4
114 32.3 28.7 35.1

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

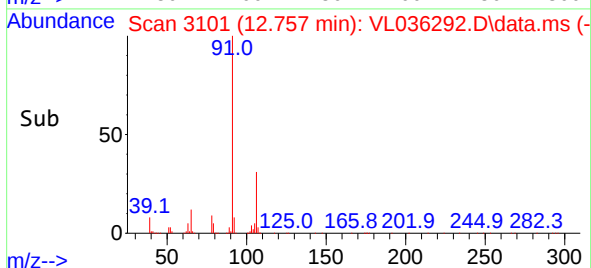
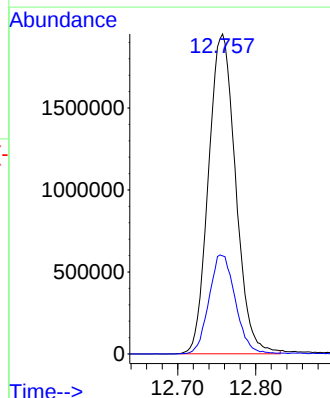
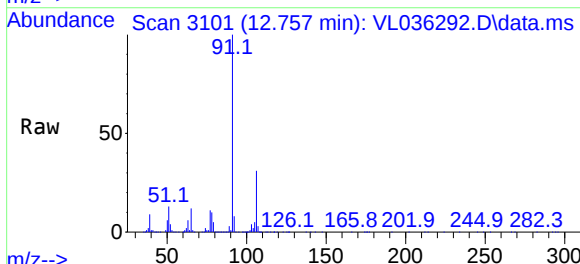
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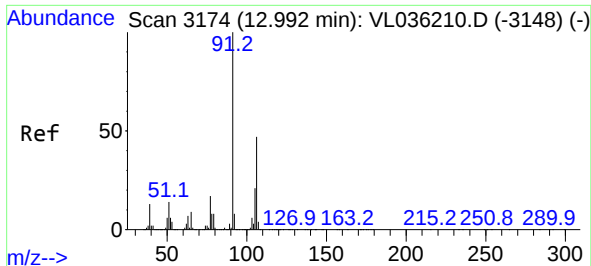
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#58
Ethyl Benzene
Concen: 9.36 ppbv
RT: 12.757 min Scan# 3101
Delta R.T. 0.048 min
Lab File: VL036292.D
Acq: 3 Feb 2021 11:59

Tgt Ion: 91 Resp: 4718819
Ion Ratio Lower Upper
91 100
106 30.6 24.8 37.2





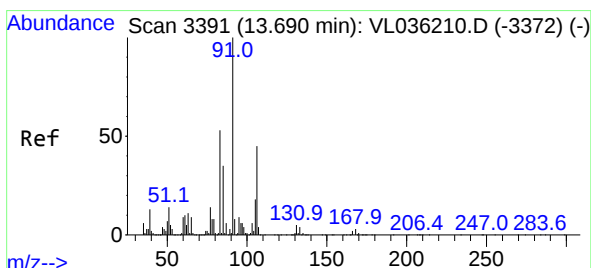
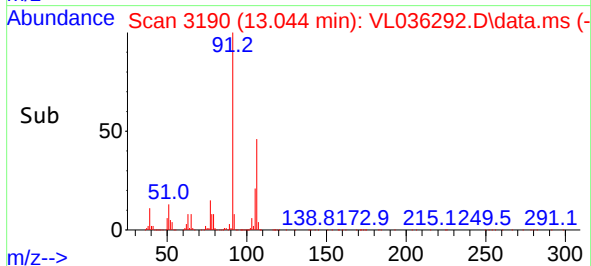
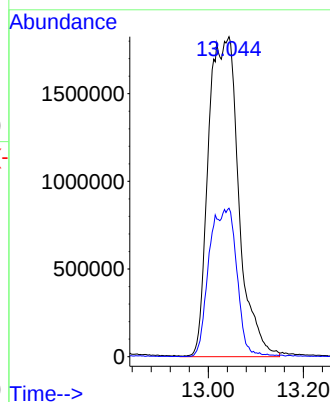
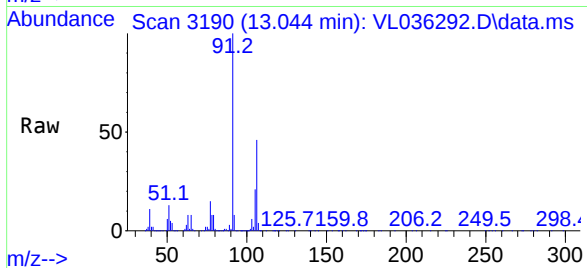
#59
m/p-Xylene
Concen: 18.60 ppbv m
RT: 13.044 min Scan# 3190
Delta R.T. 0.051 min
Lab File: VL036292.D
Acq: 3 Feb 2021 11:59

Instrument :
MSVOA_L
ClientSampled :
VSTDCCC010

Tgt Ion: 91 Resp: 8055934
Ion Ratio Lower Upper
91 100
106 42.7 34.6 51.8

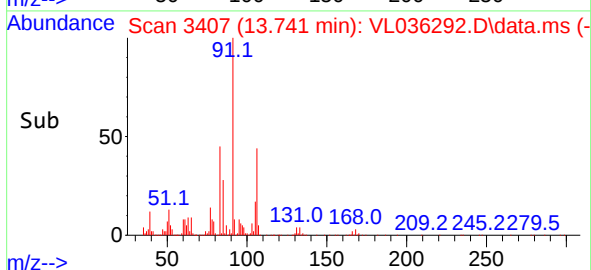
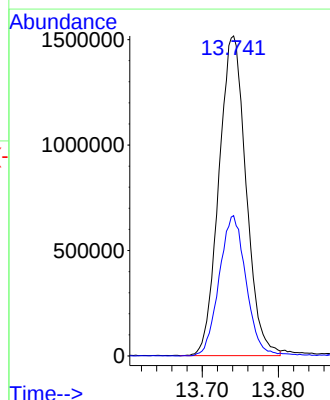
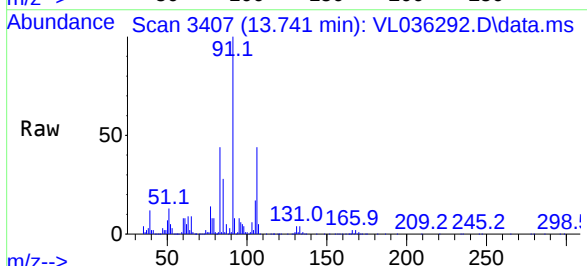
Manual Integrations
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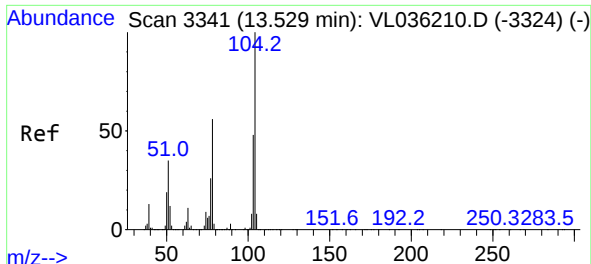
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#60
o-Xylene
Concen: 9.00 ppbv
RT: 13.741 min Scan# 3407
Delta R.T. 0.051 min
Lab File: VL036292.D
Acq: 3 Feb 2021 11:59

Tgt Ion: 91 Resp: 3758158
Ion Ratio Lower Upper
91 100
106 43.6 21.9 65.8





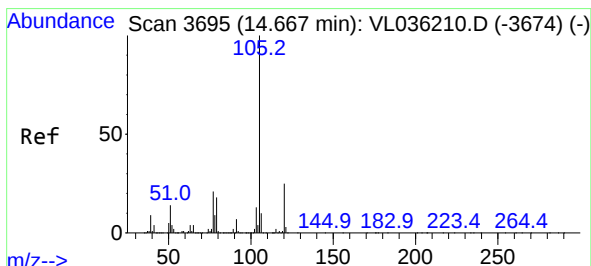
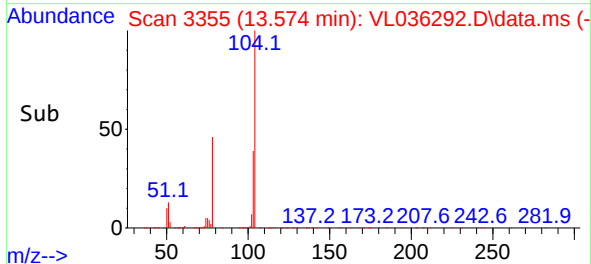
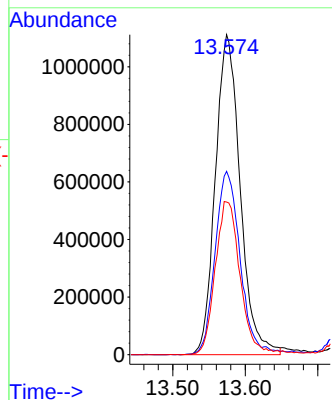
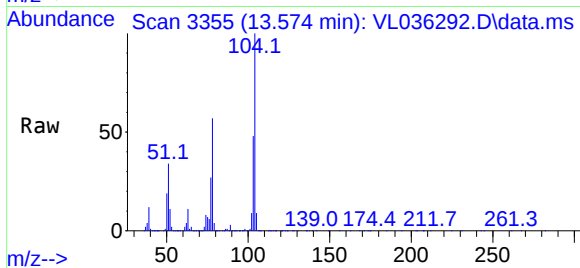
#61
Styrene
Concen: 10.03 ppbv
RT: 13.574 min Scan# 3355
Delta R.T. 0.045 min
Lab File: VL036292.D
Acq: 3 Feb 2021 11:59

Tgt Ion:104 Resp: 2645236
Ion Ratio Lower Upper
104 100
78 58.7 46.8 70.2
103 48.5 38.4 57.6

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

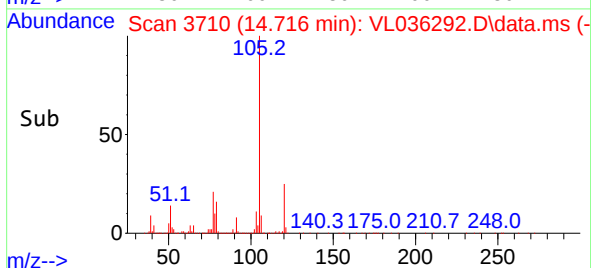
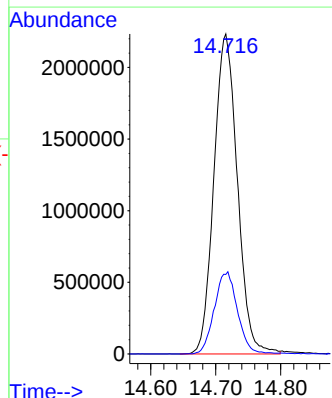
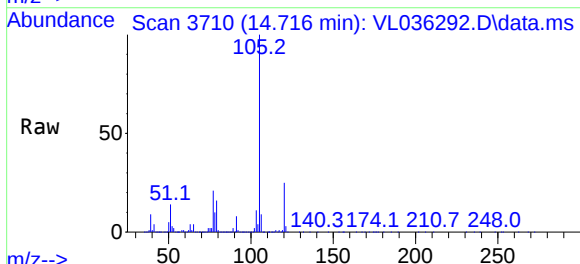
Manual Integrations
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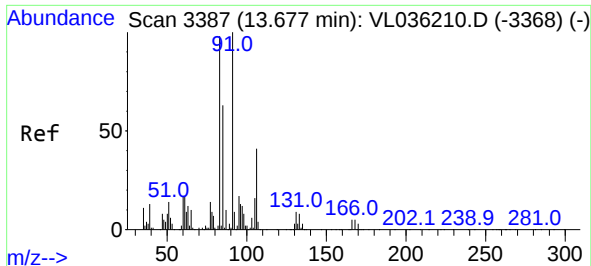
MMDadoda
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#62
Isopropylbenzene
Concen: 9.01 ppbv
RT: 14.716 min Scan# 3710
Delta R.T. 0.048 min
Lab File: VL036292.D
Acq: 3 Feb 2021 11:59

Tgt Ion:105 Resp: 5591370
Ion Ratio Lower Upper
105 100
120 25.4 20.3 30.5





#63
1,1,2,2-Tetrachloroethane
Concen: 8.69 ppbv
RT: 13.725 min Scan# 3402
Delta R.T. 0.048 min
Lab File: VL036292.D
Acq: 3 Feb 2021 11:59

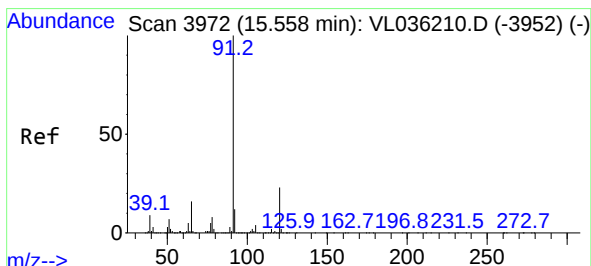
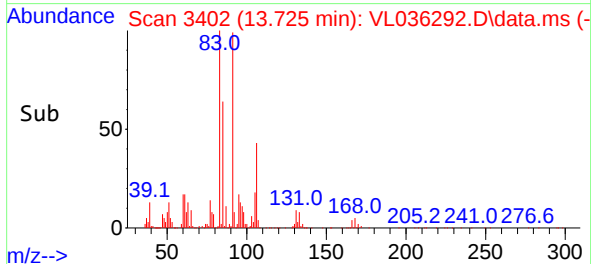
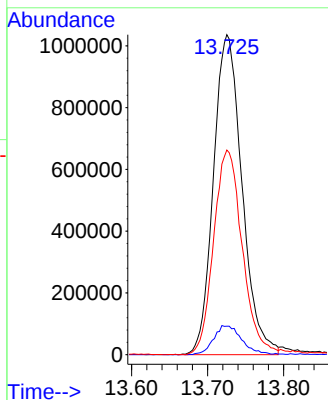
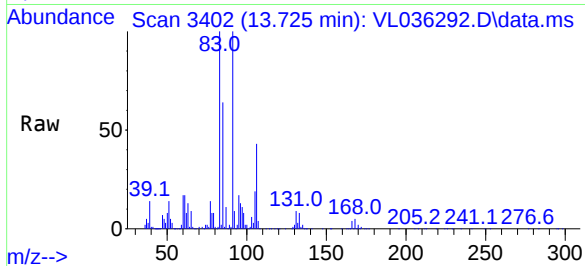
Tgt Ion: 83 Resp: 2702337

Ion	Ratio	Lower	Upper
83	100		
131	9.1	4.5	13.5
85	66.0	33.1	99.3

Instrument :
MSVOA_L
ClientSampled :
VSTDCCC010

Manual Integrations
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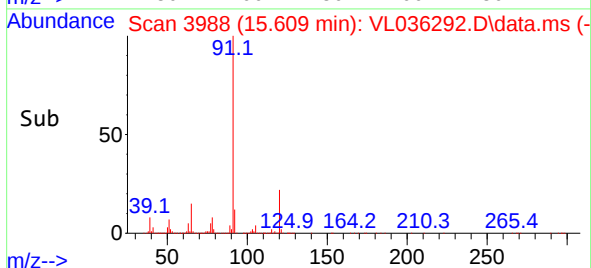
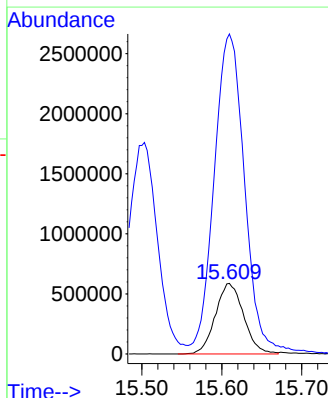
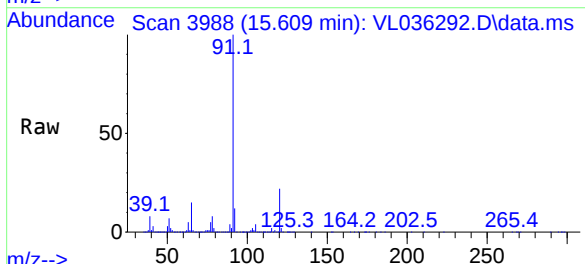
MMDadoda
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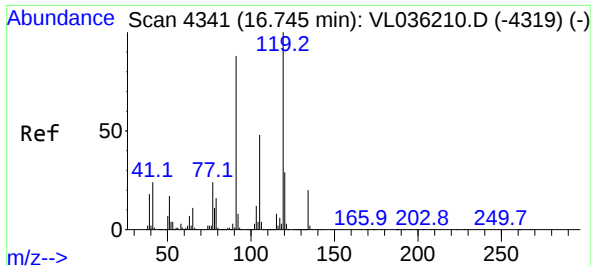


#64
n-propylbenzene
Concen: 9.42 ppbv
RT: 15.609 min Scan# 3988
Delta R.T. 0.051 min
Lab File: VL036292.D
Acq: 3 Feb 2021 11:59

Tgt Ion:120 Resp: 1436426

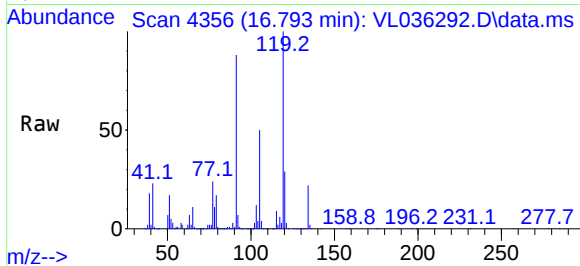
Ion	Ratio	Lower	Upper
120	100		
91	489.8	391.8	587.6





#65
tert-Butylbenzene
Concen: 9.06 ppbv
RT: 16.793 min Scan# 4356
Delta R.T. 0.048 min
Lab File: VL036292.D
Acq: 3 Feb 2021 11:59

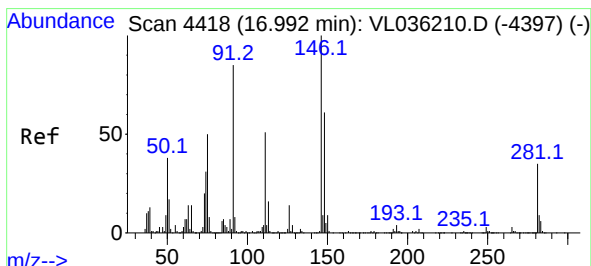
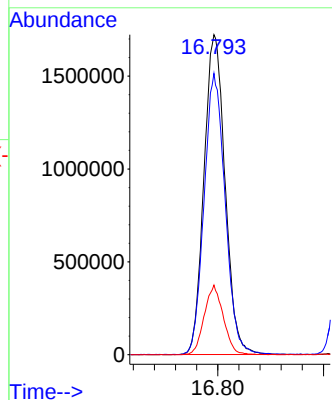
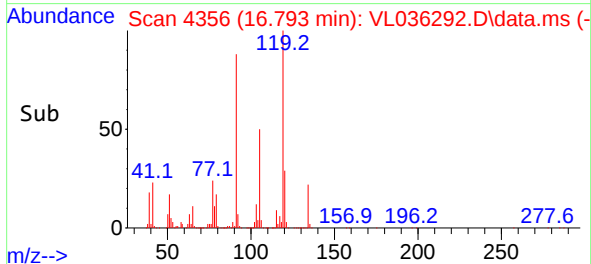
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



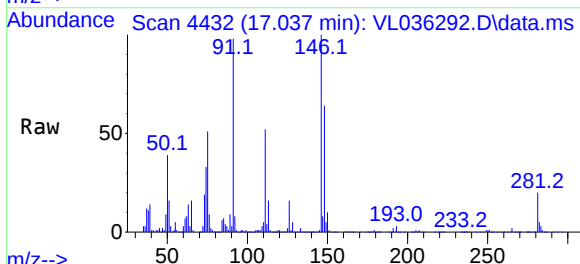
Tgt Ion:119 Resp: 4765286
Ion Ratio Lower Upper
119 100
91 88.1 71.0 106.6
134 19.7 15.8 23.6

Manual Integrations
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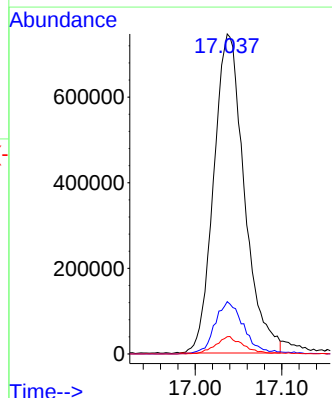
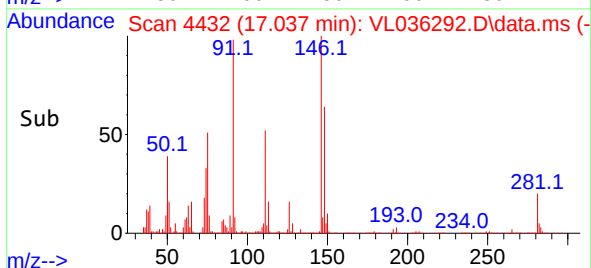
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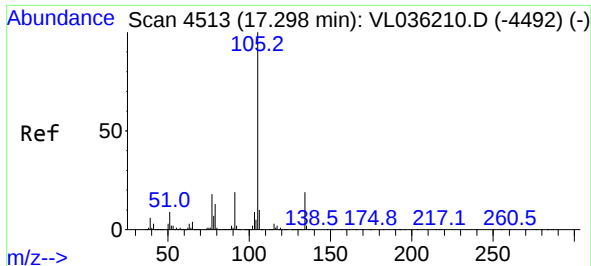


#66
Benzyl Chloride
Concen: 13.60 ppbv
RT: 17.037 min Scan# 4432
Delta R.T. 0.045 min
Lab File: VL036292.D
Acq: 3 Feb 2021 11:59



Tgt Ion: 91 Resp: 1827809
Ion Ratio Lower Upper
91 100
126 16.0 12.6 19.0
128 5.2 3.8 5.6





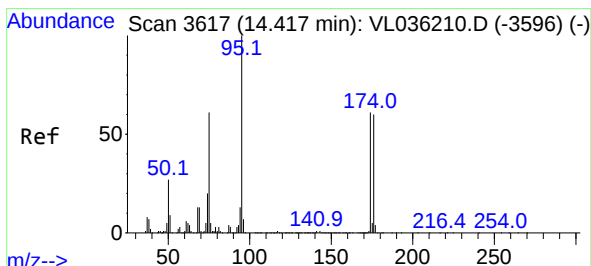
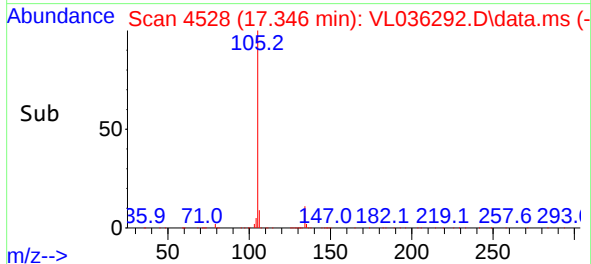
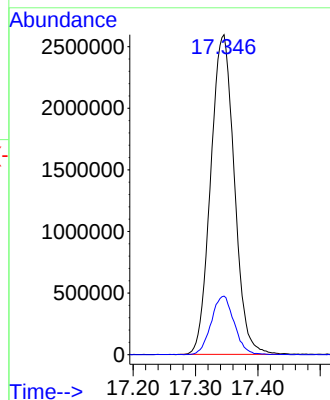
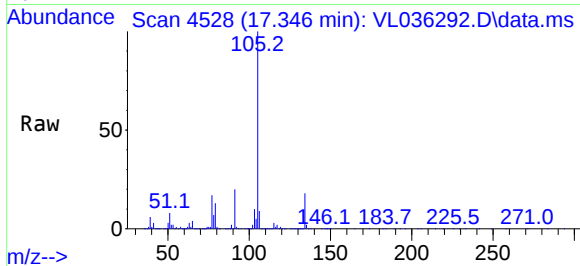
#67
sec-Butylbenzene
Concen: 8.75 ppbv
RT: 17.346 min Scan# 4528
Delta R.T. 0.048 min
Lab File: VL036292.D
Acq: 3 Feb 2021 11:59

Tgt Ion: 105 Resp: 6830011
Ion Ratio Lower Upper
105 100
134 17.8 14.2 21.4

Instrument :
MSVOA_L
ClientSampleId :
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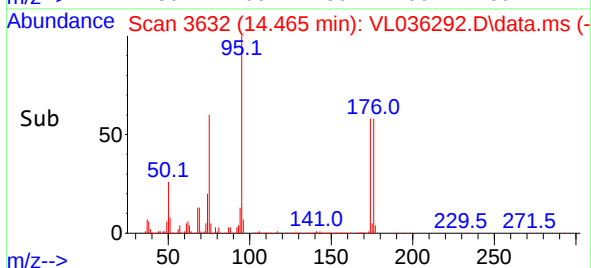
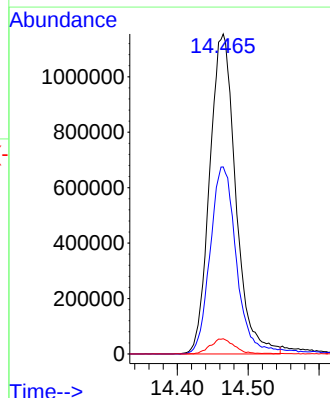
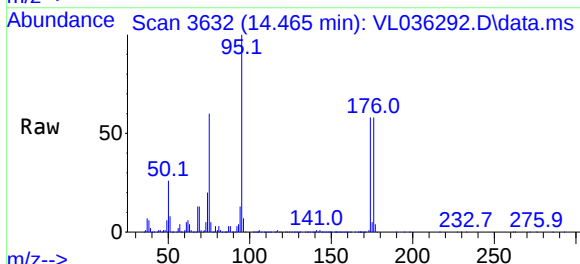
Manual Integrations
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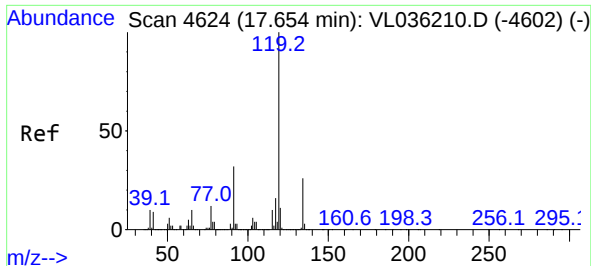
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#68
1-Bromo-4-Fluorobenzene
Concen: 10.48 ppbv
RT: 14.465 min Scan# 3632
Delta R.T. 0.048 min
Lab File: VL036292.D
Acq: 3 Feb 2021 11:59

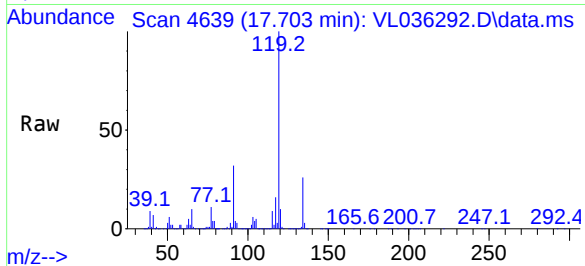
Tgt Ion: 95 Resp: 2947670
Ion Ratio Lower Upper
95 100
174 60.5 49.4 74.0
175 4.6 3.8 5.8





#69
p-Isopropyltoluene
Concen: 9.04 ppbv
RT: 17.703 min Scan# 4639
Delta R.T. 0.048 min
Lab File: VL036292.D
Acq: 3 Feb 2021 11:59

Instrument :
MSVOA_L
ClientSampled :
VSTDCCC010

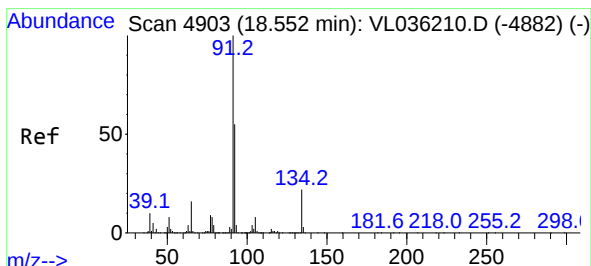
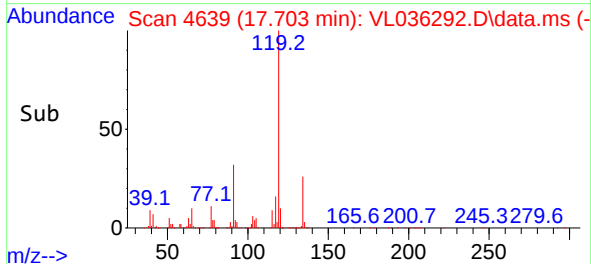
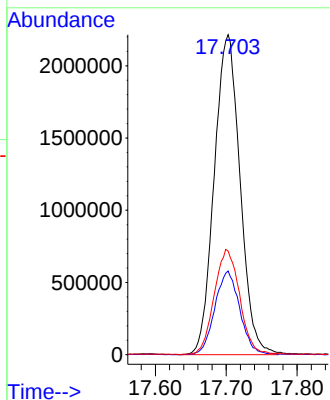


Tgt Ion:119 Resp: 5601097

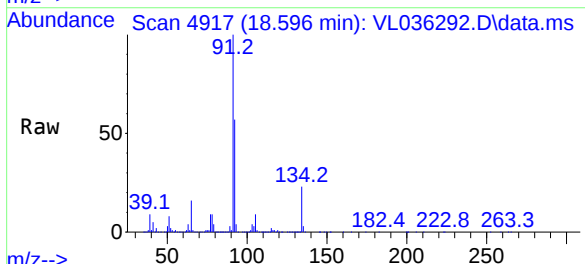
Ion	Ratio	Lower	Upper
119	100		
134	25.3	20.2	30.4
91	32.3	26.0	39.0

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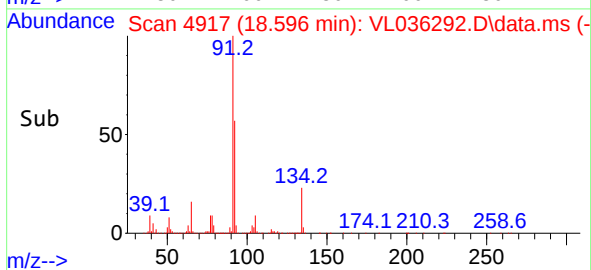
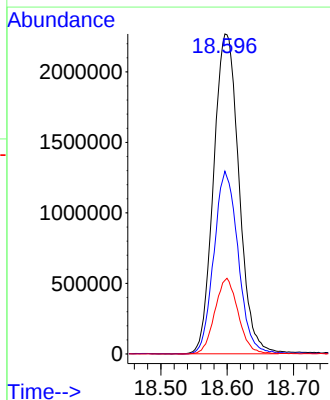


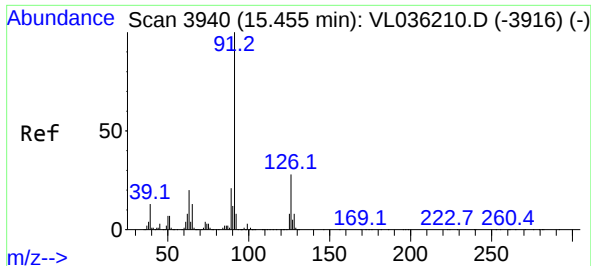
#70
n-Butylbenzene
Concen: 9.13 ppbv
RT: 18.596 min Scan# 4917
Delta R.T. 0.045 min
Lab File: VL036292.D
Acq: 3 Feb 2021 11:59



Tgt Ion: 91 Resp: 6025680

Ion	Ratio	Lower	Upper
91	100		
92	54.7	44.0	66.0
134	22.0	17.0	25.4





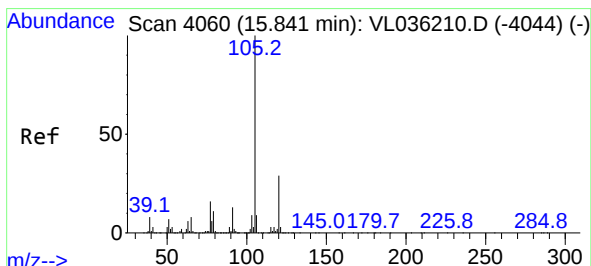
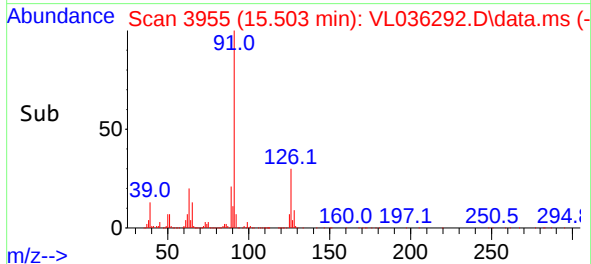
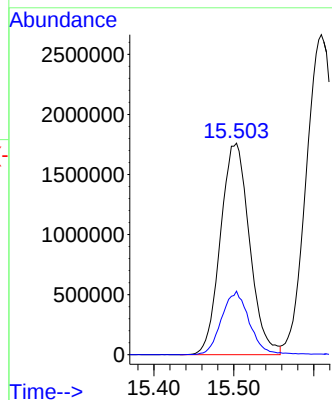
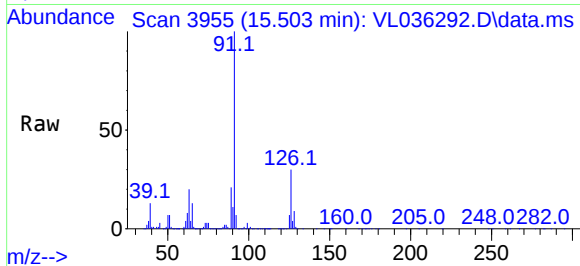
#71
2-Chlorotoluene
Concen: 9.10 ppbv
RT: 15.503 min Scan# 3955
Delta R.T. 0.048 min
Lab File: VL036292.D
Acq: 3 Feb 2021 11:59

Tgt Ion: 91 Resp: 4438961
Ion Ratio Lower Upper
91 100
126 29.1 11.5 45.9

Instrument :
MSVOA_L
ClientSampleId :
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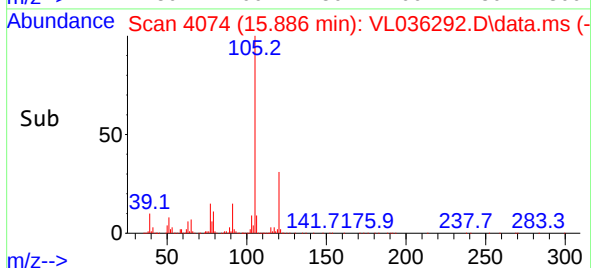
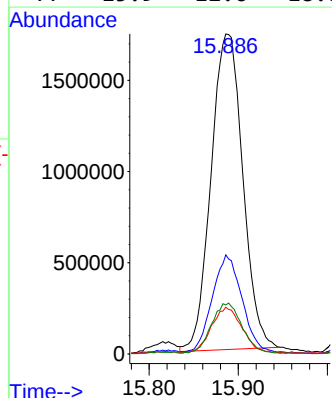
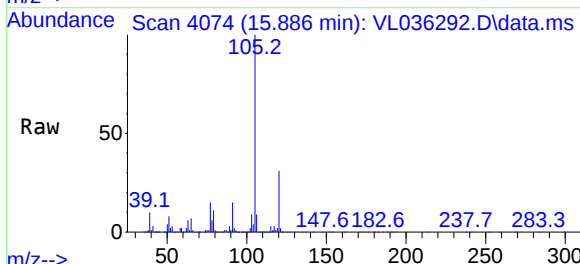
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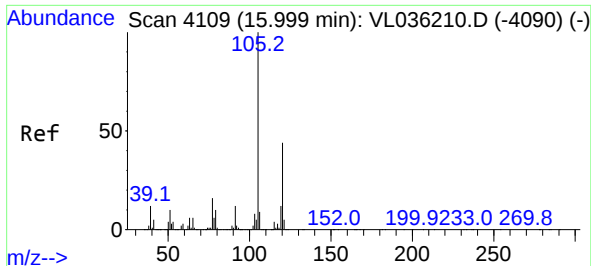
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#72
4-Ethyltoluene
Concen: 9.08 ppbv
RT: 15.886 min Scan# 4074
Delta R.T. 0.045 min
Lab File: VL036292.D
Acq: 3 Feb 2021 11:59

Tgt Ion: 105 Resp: 4278099
Ion Ratio Lower Upper
105 100
120 30.4 23.7 35.5
91 14.2 11.9 17.9
77 15.9 12.6 18.8





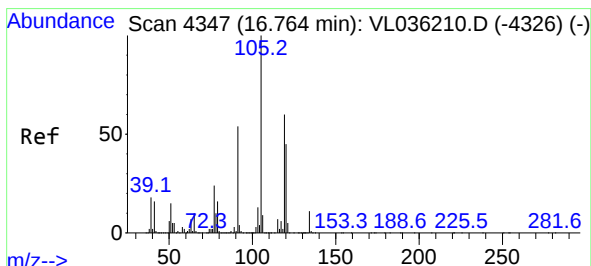
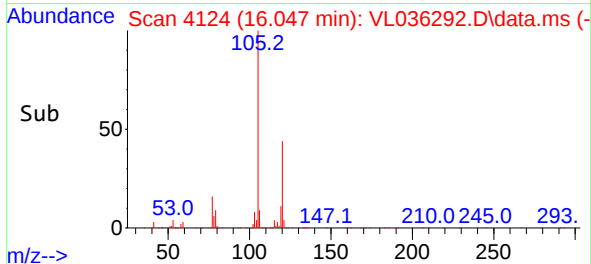
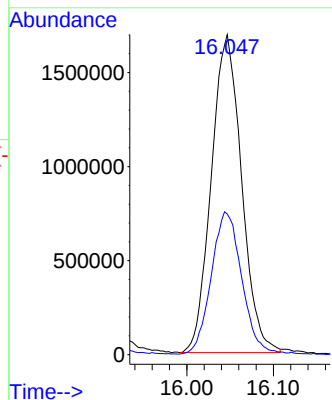
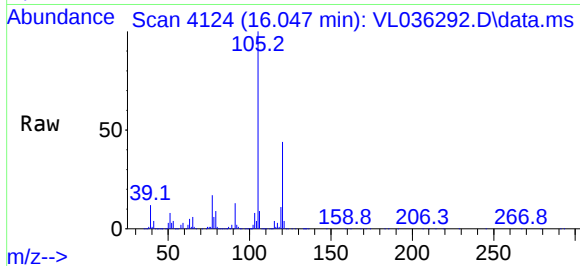
#73
1,3,5-Trimethylbenzene
Concen: 9.14 ppbv
RT: 16.047 min Scan# 4124
Delta R.T. 0.048 min
Lab File: VL036292.D
Acq: 3 Feb 2021 11:59

Tgt Ion:105 Resp: 4107335
Ion Ratio Lower Upper
105 100
120 44.1 35.5 53.3

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

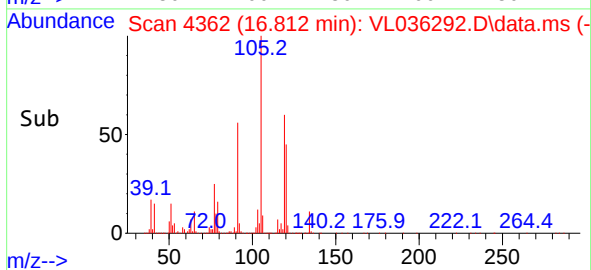
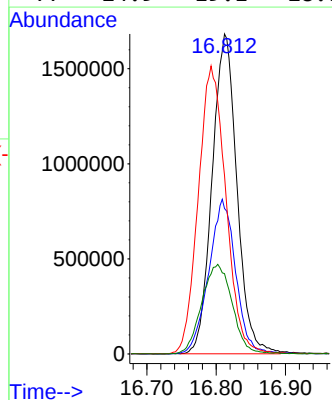
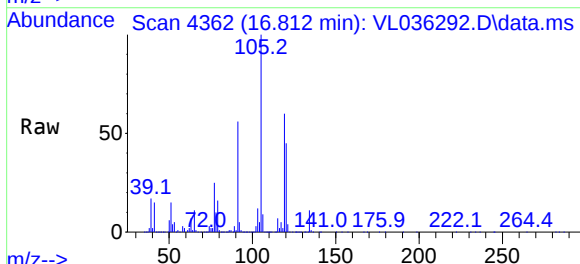
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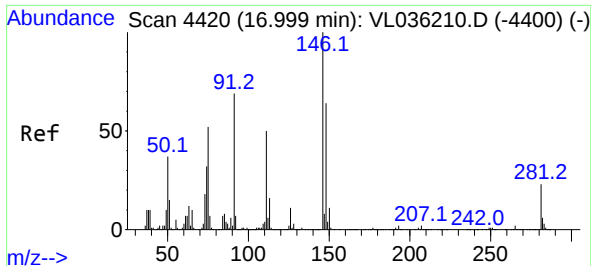
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#74
1,2,4-Trimethylbenzene
Concen: 9.07 ppbv
RT: 16.812 min Scan# 4362
Delta R.T. 0.048 min
Lab File: VL036292.D
Acq: 3 Feb 2021 11:59

Tgt Ion:105 Resp: 4178050
Ion Ratio Lower Upper
105 100
120 45.2 36.2 54.2
91 55.5 43.3 64.9
77 24.9 19.1 28.7





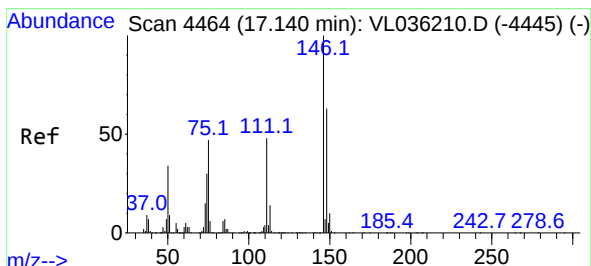
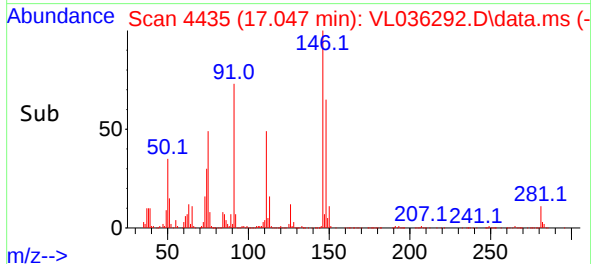
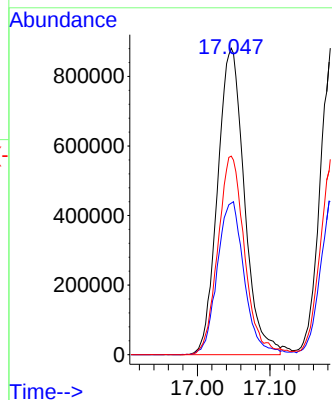
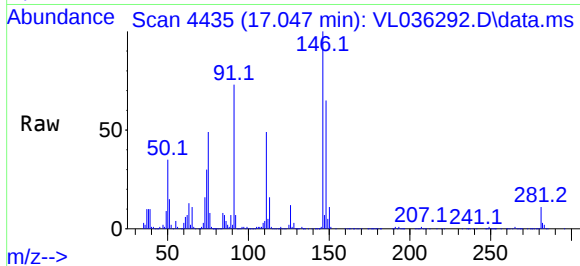
#75
1,3-Dichlorobenzene
Concen: 9.16 ppbv
RT: 17.047 min Scan# 4435
Delta R.T. 0.048 min
Lab File: VL036292.D
Acq: 3 Feb 2021 11:59

Instrument :
MSVOA_L
ClientSampled :
VSTDCCC010

Tgt Ion:146 Resp: 2264358
Ion Ratio Lower Upper
146 100
111 50.4 25.5 76.5
148 65.0 32.4 97.2

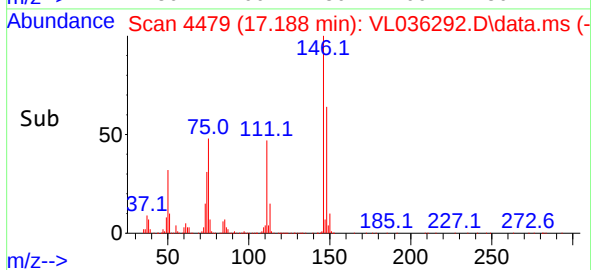
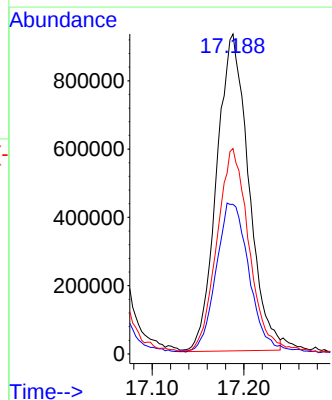
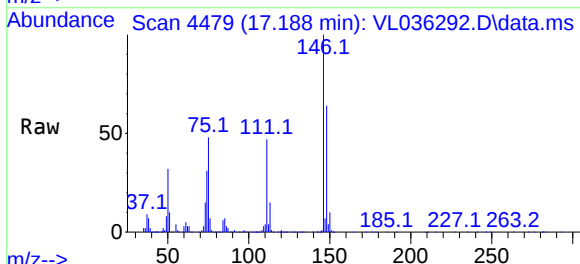
Manual Integrations
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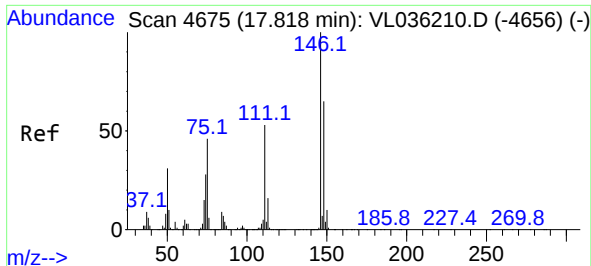
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#76
1,4-Dichlorobenzene
Concen: 9.20 ppbv
RT: 17.188 min Scan# 4479
Delta R.T. 0.048 min
Lab File: VL036292.D
Acq: 3 Feb 2021 11:59

Tgt Ion:146 Resp: 2245369
Ion Ratio Lower Upper
146 100
111 50.2 25.4 76.0
148 66.5 33.3 99.9





#77
1,2-Dichlorobenzene
Concen: 9.36 ppbv
RT: 17.867 min Scan# 4690
Delta R.T. 0.048 min
Lab File: VL036292.D
Acq: 3 Feb 2021 11:59

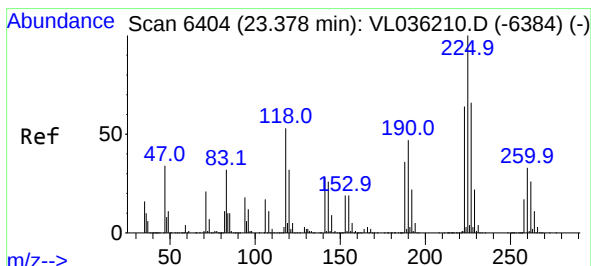
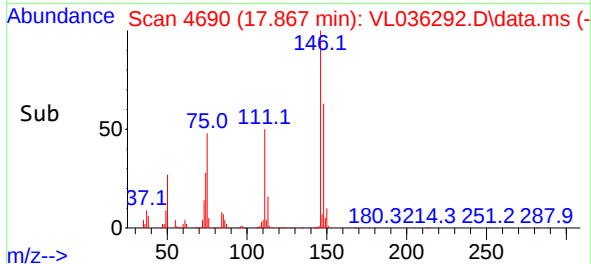
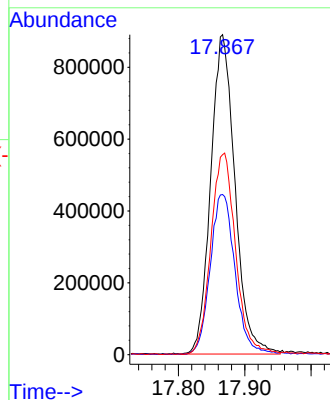
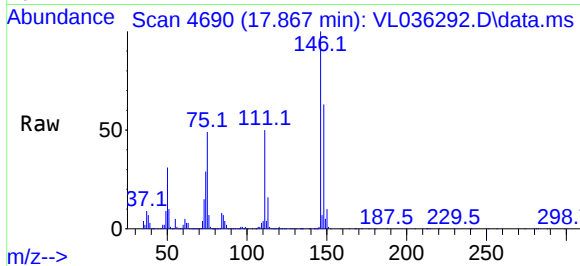
Tgt Ion:146 Resp: 2260169

Ion	Ratio	Lower	Upper
146	100		
111	51.8	26.5	79.4
148	64.5	32.8	98.4

Instrument :
MSVOA_L
ClientSampled :
VSTDCCC010

Manual Integrations
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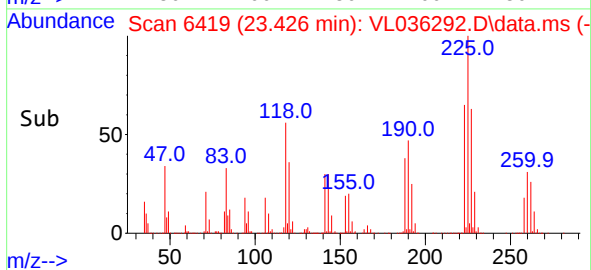
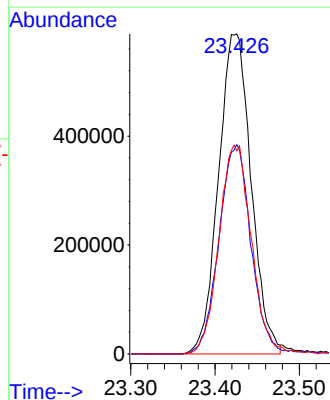
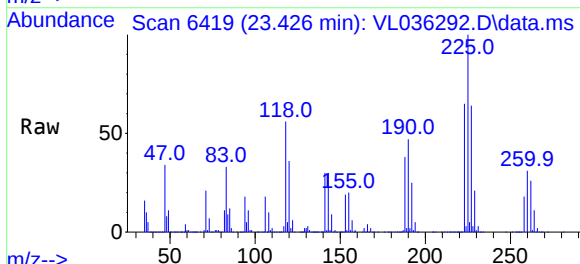
MMDadoda
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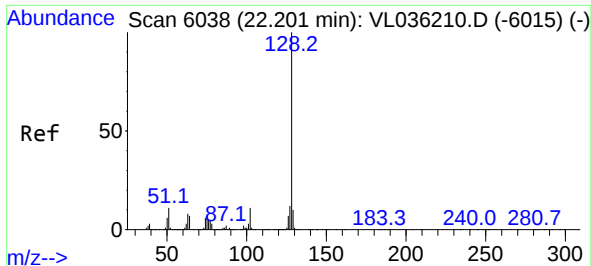


#78
Hexachloro-1,3-Butadiene
Concen: 8.18 ppbv
RT: 23.426 min Scan# 6419
Delta R.T. 0.048 min
Lab File: VL036292.D
Acq: 3 Feb 2021 11:59

Tgt Ion:225 Resp: 1579568

Ion	Ratio	Lower	Upper
225	100		
223	64.9	50.5	75.7
227	65.3	51.7	77.5





#79
Naphthalene
Concen: 11.38 ppbv
RT: 22.255 min Scan# 6055
Delta R.T. 0.055 min
Lab File: VL036292.D
Acq: 3 Feb 2021 11:59

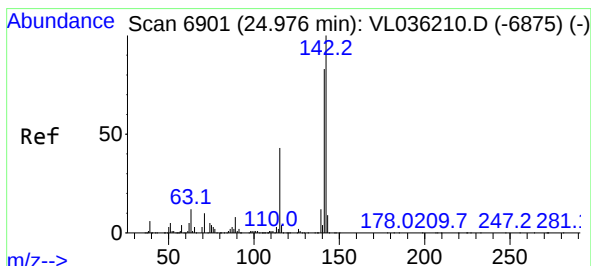
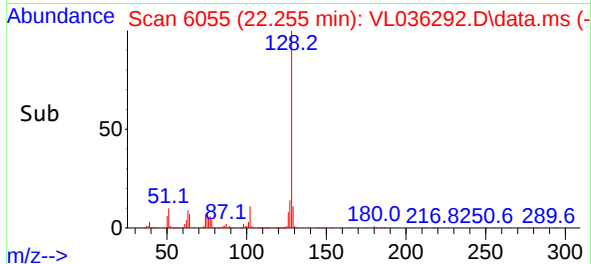
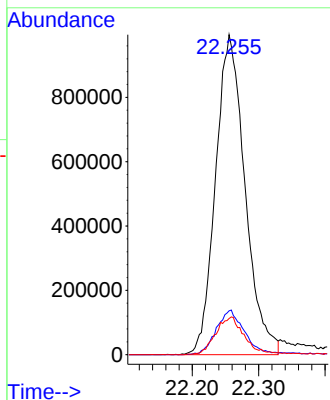
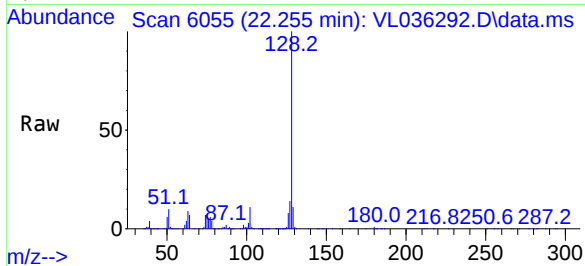
Tgt Ion:128 Resp: 3064385

Ion	Ratio	Lower	Upper
128	100		
127	13.7	9.9	14.9
129	11.3	8.4	12.6

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Manual Integrations
APPROVED

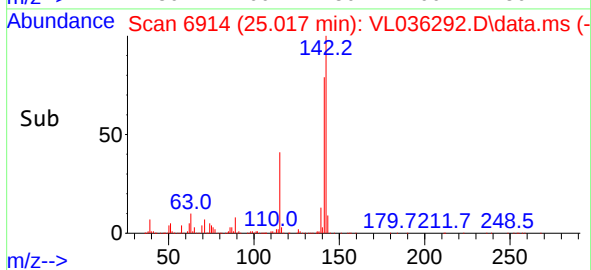
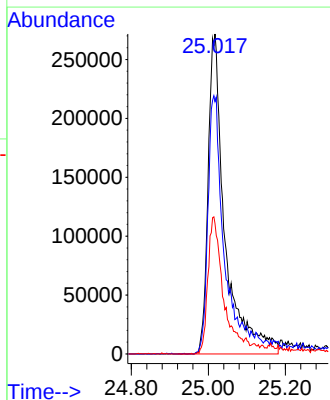
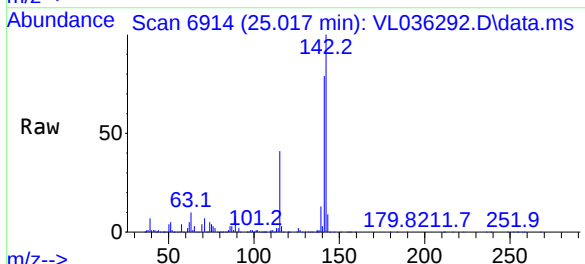
MMDadoda
2/4/2021 5:16:18 PM

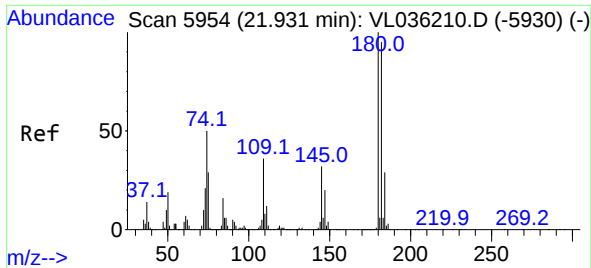


#80
Naphthalene,2-methyl-
Concen: 14.48 ppbv
RT: 25.017 min Scan# 6914
Delta R.T. 0.042 min
Lab File: VL036292.D
Acq: 3 Feb 2021 11:59

Tgt Ion:142 Resp: 832262

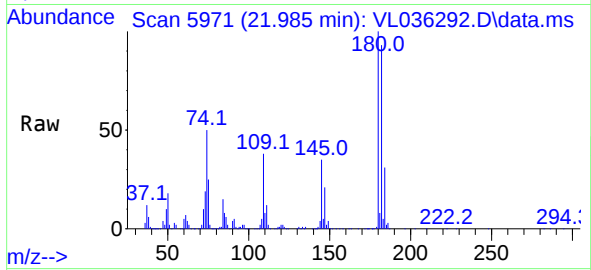
Ion	Ratio	Lower	Upper
142	100		
141	79.1	68.6	102.8
115	41.1	32.9	49.3





#81
 1,2,4-Trichlorobenzene
 Concen: 9.96 ppbv
 RT: 21.985 min Scan# 5971
 Delta R.T. 0.055 min
 Lab File: VL036292.D
 Acq: 3 Feb 2021 11:59

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010



Tgt Ion:180 Resp: 1566077

Ion	Ratio	Lower	Upper
180	100		
182	103.1	79.9	119.9
184	32.8	25.6	38.4

Manual Integrations
 APPROVED

MMDadoda
 2/4/2021 5:16:18 PM

