

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL090821\
 Data File : VL037592.D
 Acq On : 9 Sep 2021 4:37
 Operator : SY/AP
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC

Manual Integrations
 APPROVED

MMDadoda
 9/10/2021 10:53:43 AM

Quant Time: Sep 09 09:16:56 2021

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL081621AIR.M

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Tue Aug 17 02:13:47 2021

QLast Update : Tue Aug 17 02:13:47 2021

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.681	49	1631884	10.000	ppbv	0.03
33) 1,4-Difluorobenzene	7.192	114	4839831	10.000	ppbv	0.04
55) Chlorobenzene-d5	12.102	117	4424347m	10.000	ppbv	0.04

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene 14.426 95 3172665 10.094 ppbv 0.03
 Spiked Amount 10.000 Range 65 - 135 Recovery = 100.900%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	3.054	85	2084730	7.962	ppbv	97
3) Chlorodifluoromethane	2.996	51	2747010	8.791	ppbv	98
4) Chloromethane	3.147	50	939247	8.411	ppbv	98
5) Vinyl Chloride	3.266	62	970704	8.485	ppbv	98
6) Bromomethane	3.485	94	423058	6.751	ppbv	98
7) Chloroethane	3.568	64	325457	8.335	ppbv	98
8) Dichlorotetrafluoroethane	3.198	85	2154773	7.972	ppbv	98
9) Propene	3.018	41	937170	8.382	ppbv	97
10) Heptane	8.137	43	2437431	9.471	ppbv	97
11) Trichlorofluoromethane	3.960	101	1928837	7.848	ppbv	98
12) 1,1,2-Trichlorotrifluo...	4.494	101	1450983	8.045	ppbv	99
13) Ethanol	3.623	45	101472m	9.327	ppbv	
14) Bromoethene	3.751	108	643358	7.857	ppbv	96
15) Acetone	3.861	43	1178970	7.099	ppbv	99
16) 1,3-Butadiene	3.337	39	998940	9.377	ppbv	92
17) tert-Butyl alcohol	4.295	59	1246421	8.216	ppbv	97
18) 1,1-Dichloroethene	4.298	96	669400	8.171	ppbv	99
19) Isopropyl Alcohol	3.977	45	745536	7.836	ppbv #	98
20) Methylene Chloride	4.353	84	578709	6.960	ppbv	97
21) Allyl Chloride	4.423	41	990636	7.344	ppbv	92
22) trans-1,2-Dichloroethene	4.899	96	632143	7.734	ppbv	98
23) Vinyl Acetate	5.086	43	1817015m	7.423	ppbv	
24) 1,1-Dichloroethane	5.022	63	1355533	7.635	ppbv	100
25) Ethyl Acetate	5.690	43	3568300	8.463	ppbv	99
26) Hexane	5.700	57	1776623	8.619	ppbv	95
27) Carbon Disulfide	4.562	76	1525804	8.306	ppbv	97
28) Methyl tert-Butyl Ether	5.047	73	1374076	6.940	ppbv	100
29) Chloroform	5.764	83	2405103	8.233	ppbv	100
30) Cyclohexane	7.144	84	1498188	8.723	ppbv	98
31) cis-1,2-Dichloroethene	5.562	61	1567009	8.399	ppbv	99
32) 1,1,1-Trichloroethane	6.526	97	2296754	8.002	ppbv	99
34) 2-Butanone	5.259	43	1531552	7.749	ppbv	93
35) Carbon Tetrachloride	7.034	117	2306409	8.064	ppbv	99
36) Benzene	6.906	78	3668639	9.017	ppbv	98
37) 1,2-Dichloroethane	6.321	62	1722915	8.549	ppbv	99
38) Trichloroethene	7.851	130	1432661	8.582	ppbv	95
39) 1,2-Dichloropropane	7.629	63	1413262	9.040	ppbv	98
40) 1,4-Dioxane	7.851	88	250143m	6.531	ppbv	
41) Tetrahydrofuran	6.066	42	840046	8.823	ppbv	97
42) Bromodichloromethane	7.809	83	2562122	8.694	ppbv	97
43) Methyl Methacrylate	8.031	69	1395835	9.843	ppbv	100
44) 2,2,4-Trimethylpentane	7.883	57	6109513	8.922	ppbv	99
45) t-1,3-Dichloropropene	9.295	75	860512	8.061	ppbv	98

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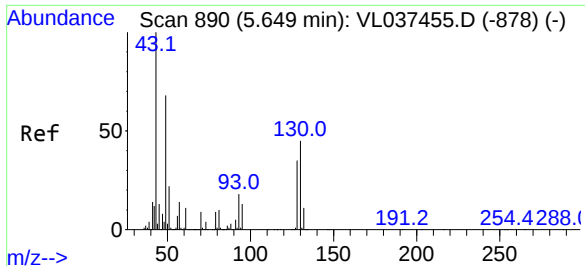
Manual Integrations
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 9/10/2021 10:53:43 AM

Quant Time: Sep 09 09:16:56 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL081621AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Tue Aug 17 02:13:47 2021
 QLast Update : Tue Aug 17 02:13:47 2021
 Response via : Initial Calibration

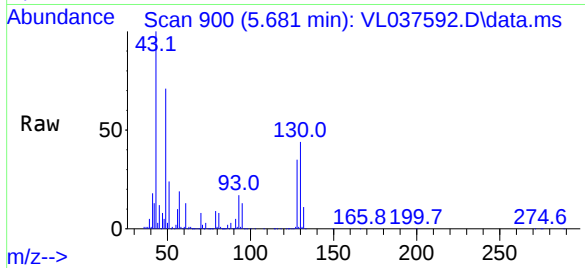
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.719	75	1290983	8.669	ppbv	99
47) 1,1,2-Trichloroethane	9.491	97	1472336	8.716	ppbv	99
48) Dibromochloromethane	10.324	129	2265663	9.320	ppbv	99
49) Bromoform	13.053	173	1880766	9.815	ppbv	100
50) 4-Methyl-2-Pentanone	8.758	43	2482338	9.628	ppbv	99
51) 2-Hexanone	10.153	43	1281739	10.808	ppbv	99
52) Tetrachloroethene	11.243	164	1377750	8.264	ppbv	97
53) Toluene	9.822	91	4278200	9.209	ppbv	100
54) 1,2-Dibromoethane	10.626	107	2054895	8.714	ppbv	99
56) 1,1,1,2-Tetrachloroethane	12.140	131	1617543	8.774	ppbv #	55
57) Chlorobenzene	12.163	112	3103831	8.454	ppbv	99
58) Ethyl Benzene	12.725	91	5437475	8.856	ppbv	98
59) m/p-Xylene	13.012	91	9007299m	16.922	ppbv	
60) o-Xylene	13.706	91	4328779	8.713	ppbv	99
61) Styrene	13.545	104	2320749	8.993	ppbv	99
62) Isopropylbenzene	14.680	105	6218188	8.869	ppbv	99
63) 1,1,2,2-Tetrachloroethane	13.690	83	3074083	8.326	ppbv	99
64) n-propylbenzene	15.581	120	1591863	8.921	ppbv	95
65) tert-Butylbenzene	16.761	119	5387047	8.436	ppbv	98
66) Benzyl Chloride	17.002	91	137719	4.768	ppbv	97
67) sec-Butylbenzene	17.307	105	7485065	8.389	ppbv	100
69) p-Isopropyltoluene	17.664	119	6312938	8.683	ppbv	99
70) n-Butylbenzene	18.564	91	6190224	8.909	ppbv	99
71) 2-Chlorotoluene	15.468	91	4334275	8.430	ppbv	98
72) 4-Ethyltoluene	15.854	105	5148532	8.713	ppbv	99
73) 1,3,5-Trimethylbenzene	16.008	105	4616360	8.393	ppbv	99
74) 1,2,4-Trimethylbenzene	16.777	105	4779156	8.176	ppbv	94
75) 1,3-Dichlorobenzene	17.008	146	3075033	8.740	ppbv	98
76) 1,4-Dichlorobenzene	17.150	146	3013108	8.501	ppbv	99
77) 1,2-Dichlorobenzene	17.831	146	3040400	8.776	ppbv	98
78) Hexachloro-1,3-Butadiene	23.384	225	2494686	8.661	ppbv	98
79) Naphthalene	22.207	128	4282303	10.948	ppbv	98
80) Naphthalene,2-methyl-	24.979	142	1372287	12.593	ppbv	93
81) 1,2,4-Trichlorobenzene	21.940	180	2561314	10.435	ppbv	98

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



#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.681 min Scan# 900
Delta R.T. 0.032 min
Lab File: VL037592.D
Acq: 9 Sep 2021 4:37

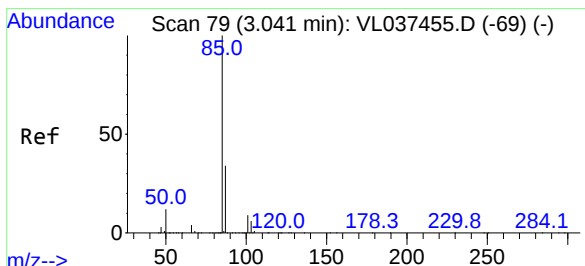
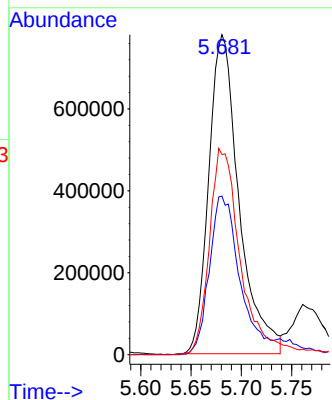
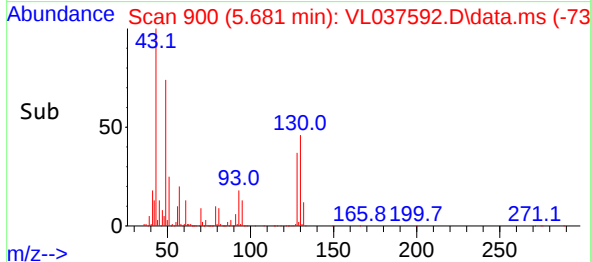
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



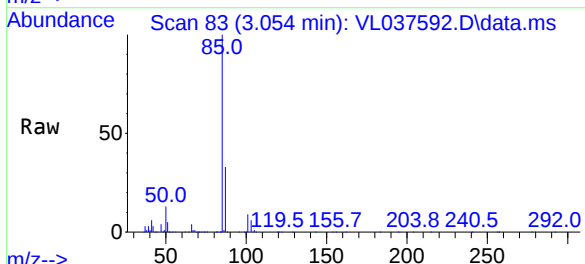
Tgt Ion: 49 Resp: 1631884
Ion Ratio Lower Upper
49 100
128 55.4 27.5 82.4
130 68.3 34.0 101.8

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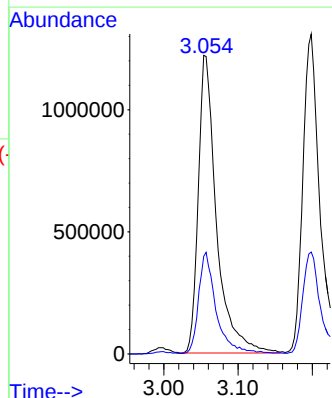
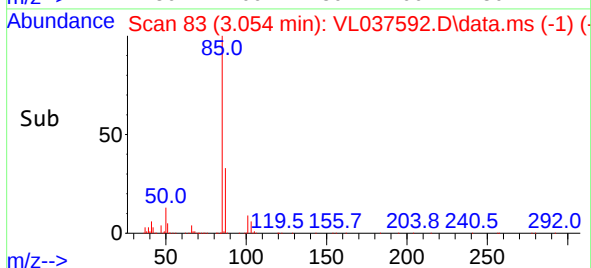
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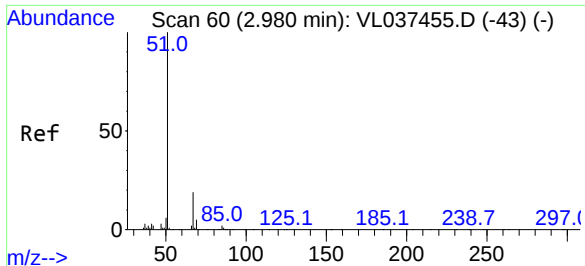


#2
Dichlorodifluoromethane
Concen: 7.962 ppbv
RT: 3.054 min Scan# 83
Delta R.T. 0.013 min
Lab File: VL037592.D
Acq: 9 Sep 2021 4:37



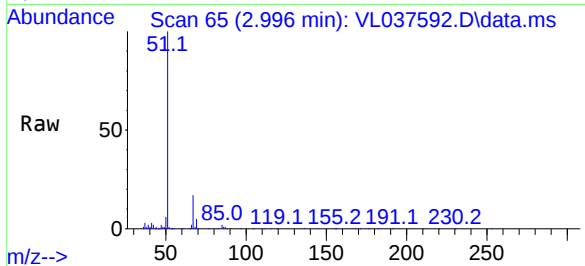
Tgt Ion: 85 Resp: 2084730
Ion Ratio Lower Upper
85 100
87 32.5 27.6 41.4





#3
Chlorodifluoromethane
Concen: 8.791 ppbv
RT: 2.996 min Scan# 65
Delta R.T. 0.016 min
Lab File: VL037592.D
Acq: 9 Sep 2021 4:37

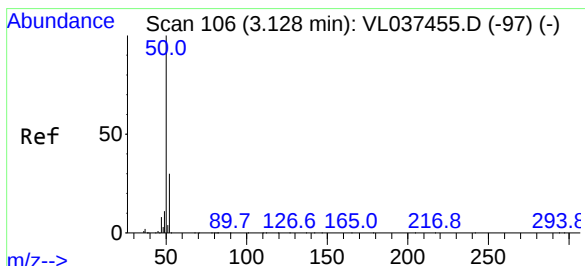
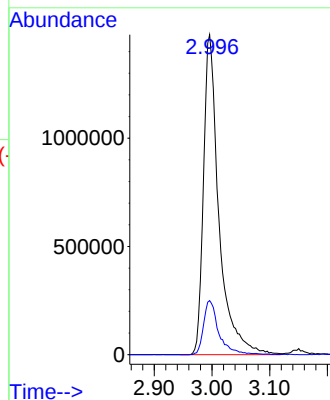
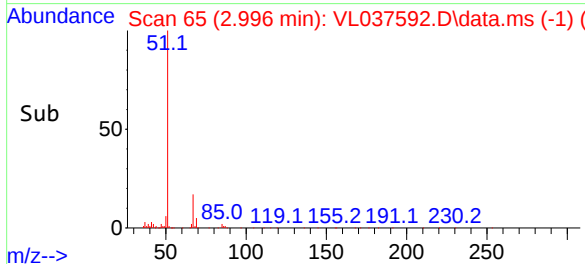
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ClientSampleId :
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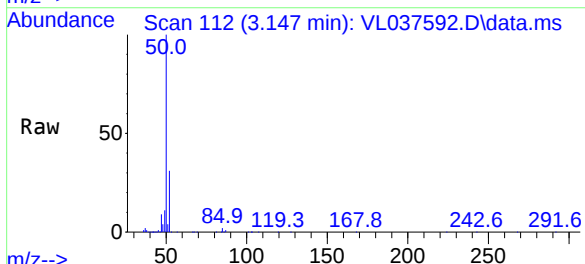
Tgt Ion: 51 Resp: 2747010
Ion Ratio Lower Upper
51 100
67 16.9 14.2 21.2

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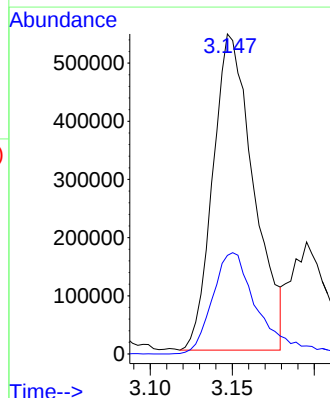
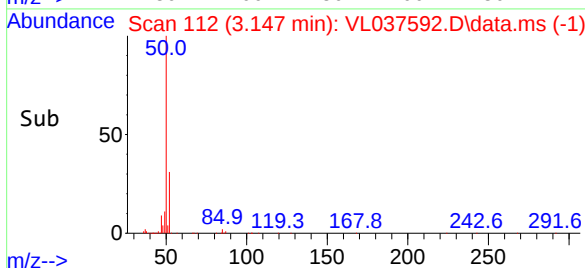
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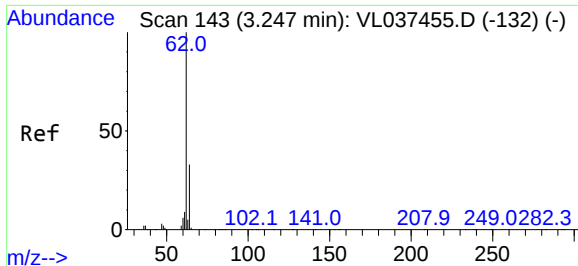


#4
Chloromethane
Concen: 8.411 ppbv
RT: 3.147 min Scan# 112
Delta R.T. 0.019 min
Lab File: VL037592.D
Acq: 9 Sep 2021 4:37



Tgt Ion: 50 Resp: 939247
Ion Ratio Lower Upper
50 100
52 31.1 24.0 36.0





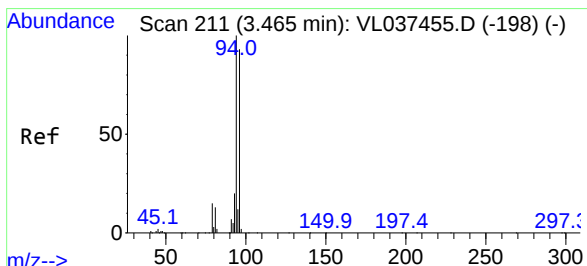
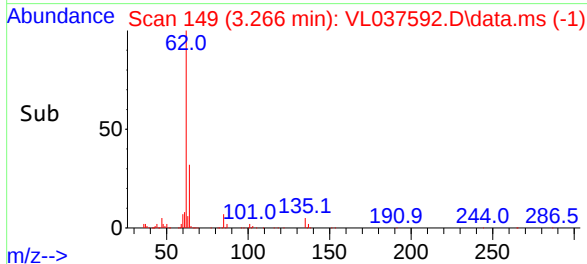
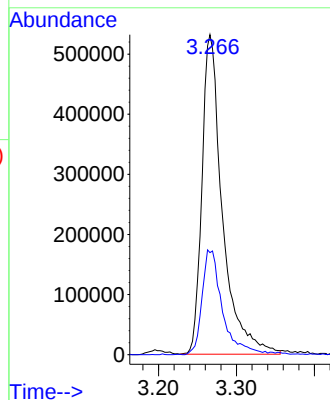
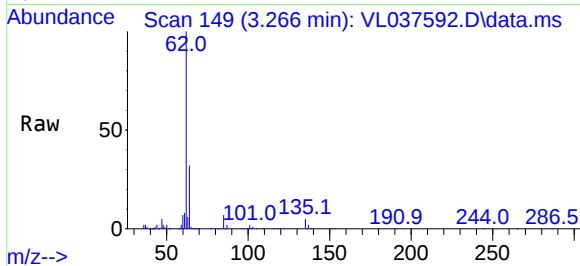
#5
 Vinyl Chloride
 Concen: 8.485 ppbv
 RT: 3.266 min Scan# 149
 Delta R.T. 0.019 min
 Lab File: VL037592.D
 Acq: 9 Sep 2021 4:37

Tgt Ion: 62 Resp: 970704
 Ion Ratio Lower Upper
 62 100
 64 31.9 26.5 39.7

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC

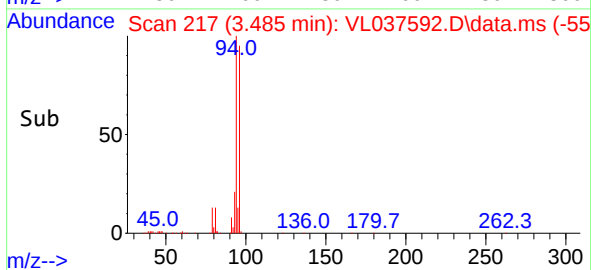
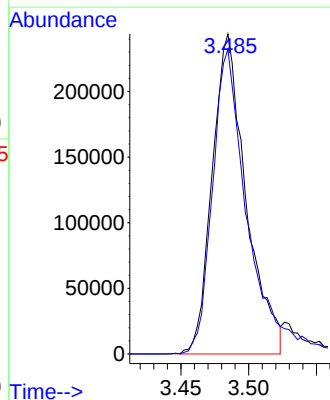
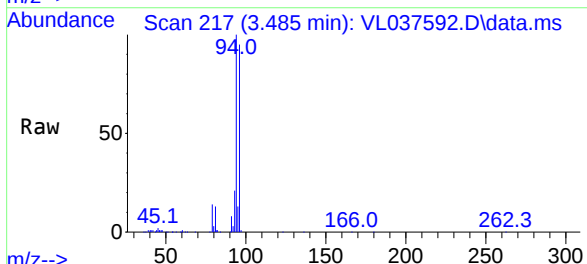
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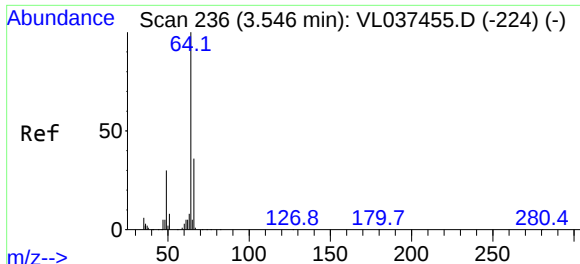
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#6
 Bromomethane
 Concen: 6.751 ppbv
 RT: 3.485 min Scan# 217
 Delta R.T. 0.019 min
 Lab File: VL037592.D
 Acq: 9 Sep 2021 4:37

Tgt Ion: 94 Resp: 423058
 Ion Ratio Lower Upper
 94 100
 96 95.1 74.5 111.7





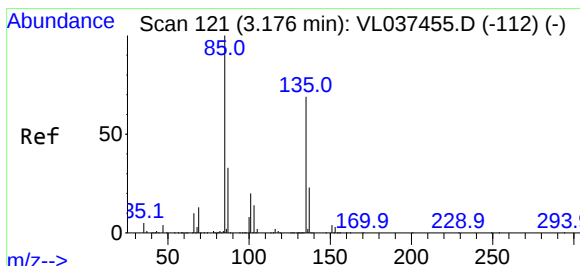
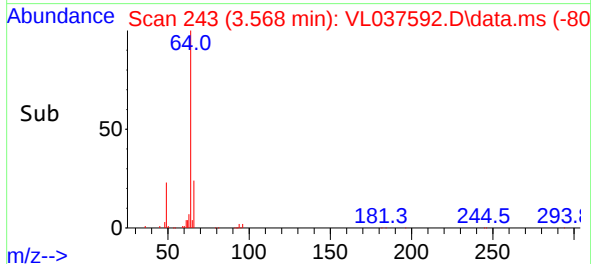
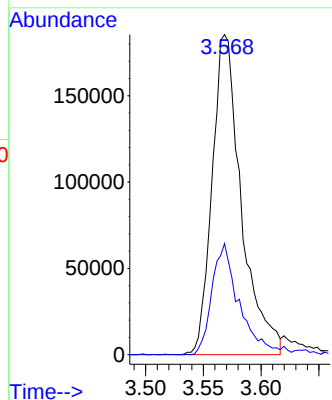
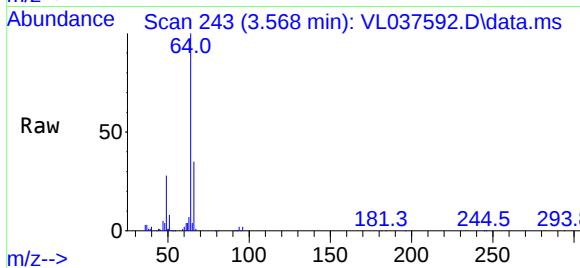
#7
Chloroethane
Concen: 8.335 ppbv
RT: 3.568 min Scan# 243
Delta R.T. 0.022 min
Lab File: VL037592.D
Acq: 9 Sep 2021 4:37

Tgt Ion: 64 Resp: 325457
Ion Ratio Lower Upper
64 100
66 34.7 28.6 43.0

Instrument :
MSVOA_L
ClientSampleId :
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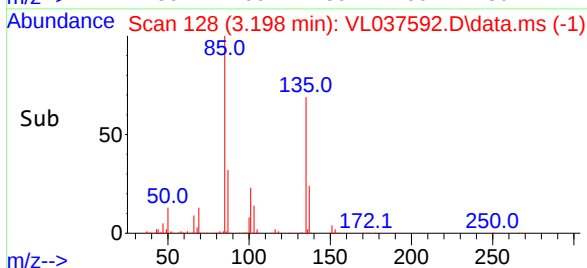
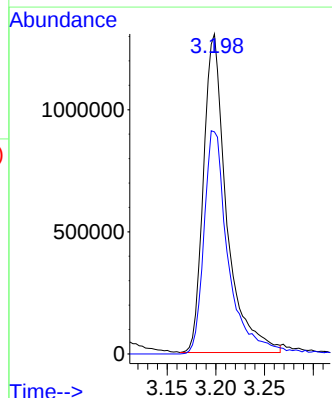
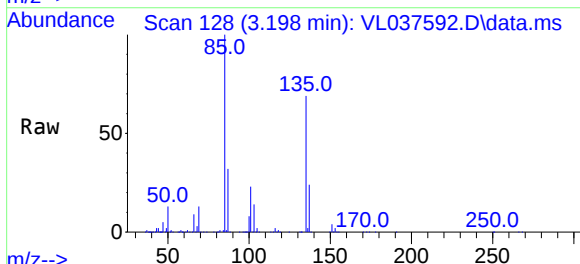
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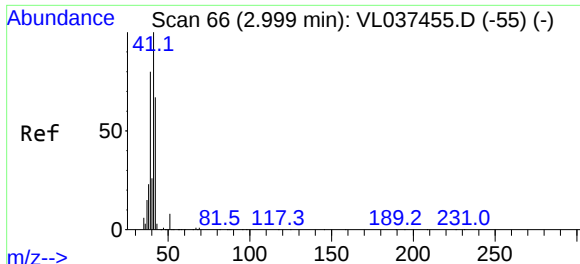
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#8
Dichlorotetrafluoroethane
Concen: 7.972 ppbv
RT: 3.198 min Scan# 128
Delta R.T. 0.022 min
Lab File: VL037592.D
Acq: 9 Sep 2021 4:37

Tgt Ion: 85 Resp: 2154773
Ion Ratio Lower Upper
85 100
135 74.9 58.8 88.2





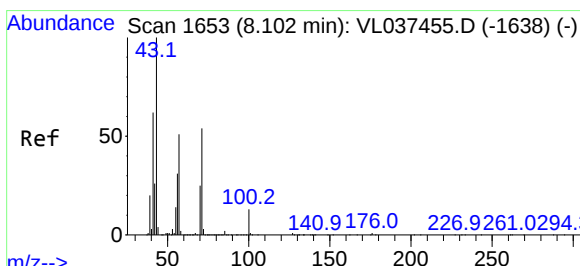
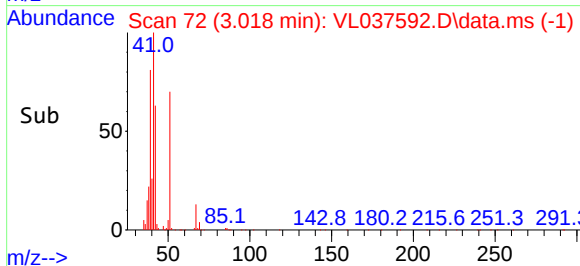
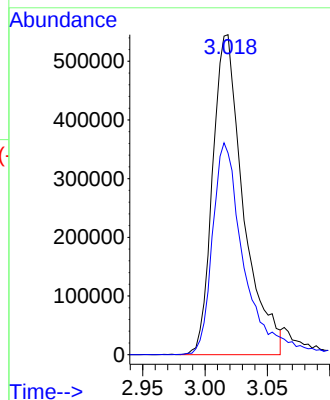
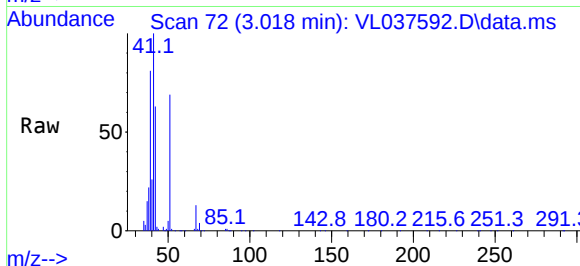
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Propene
Concen: 8.382 ppbv
RT: 3.018 min Scan# 72
Delta R.T. 0.019 min
Lab File: VL037592.D
Acq: 9 Sep 2021 4:37

Tgt Ion: 41 Resp: 937170
Ion Ratio Lower Upper
41 100
42 69.2 53.7 80.5

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

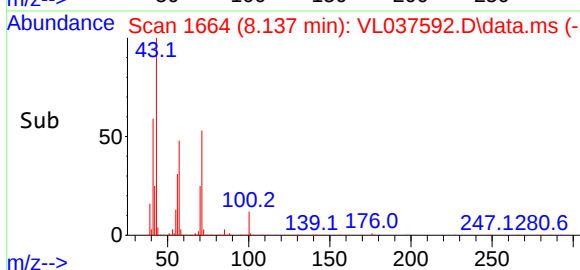
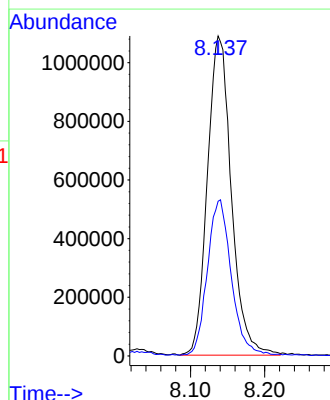
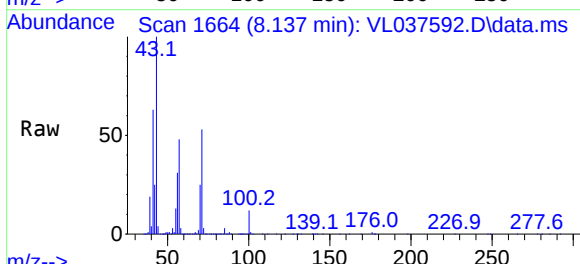
Manual Integrations
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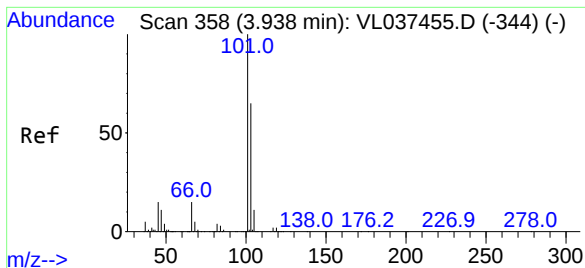
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#10
Heptane
Concen: 9.471 ppbv
RT: 8.137 min Scan# 1664
Delta R.T. 0.035 min
Lab File: VL037592.D
Acq: 9 Sep 2021 4:37

Tgt Ion: 43 Resp: 2437431
Ion Ratio Lower Upper
43 100
57 49.0 41.0 61.6





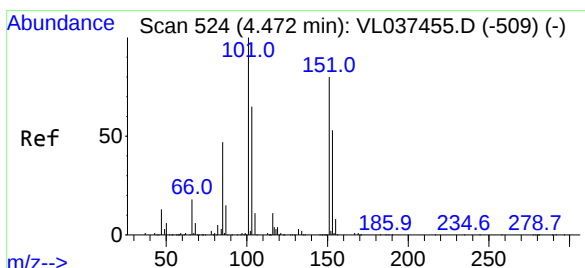
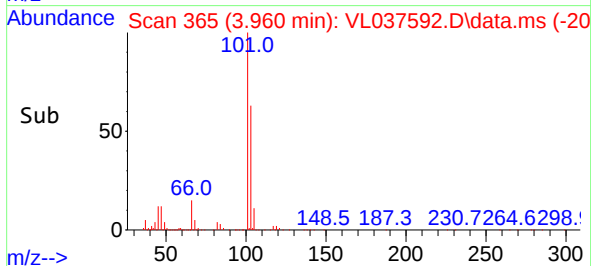
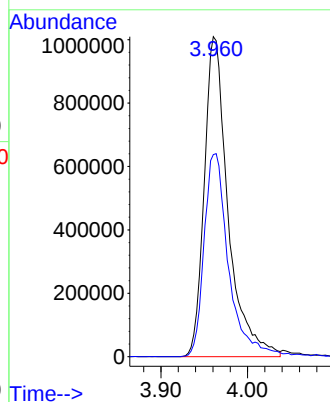
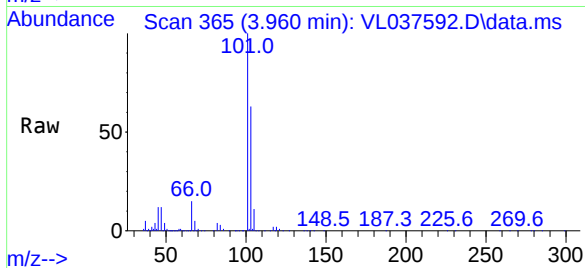
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Trichlorofluoromethane
Concen: 7.848 ppbv
RT: 3.960 min Scan# 365
Delta R.T. 0.022 min
Lab File: VL037592.D
Acq: 9 Sep 2021 4:37

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion:101 Resp: 1928837
Ion Ratio Lower Upper
101 100
103 63.1 51.8 77.6

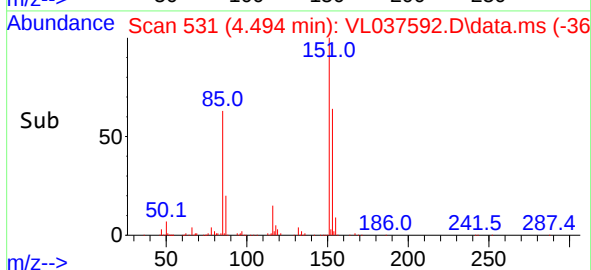
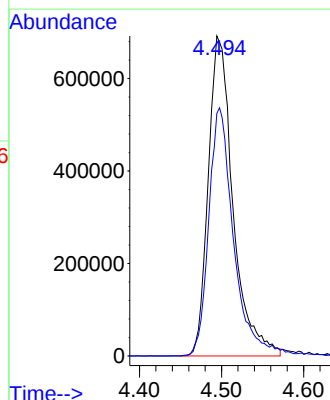
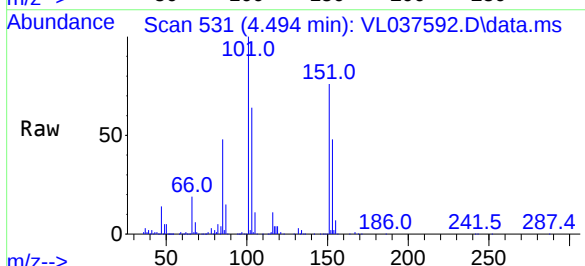
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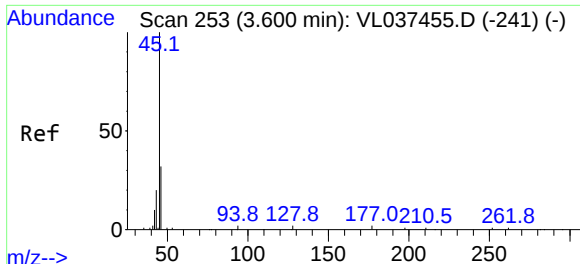
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#12
1,1,2-Trichlorotrifluoroethane
Concen: 8.045 ppbv
RT: 4.494 min Scan# 531
Delta R.T. 0.022 min
Lab File: VL037592.D
Acq: 9 Sep 2021 4:37

Tgt Ion:101 Resp: 1450983
Ion Ratio Lower Upper
101 100
151 78.6 63.7 95.5





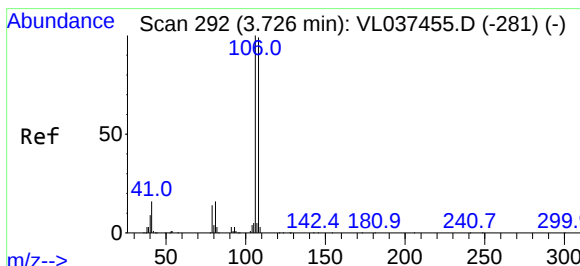
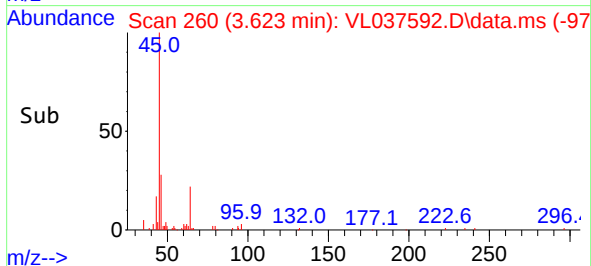
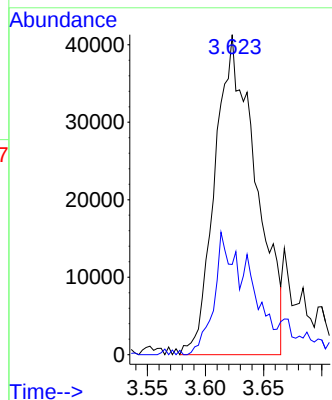
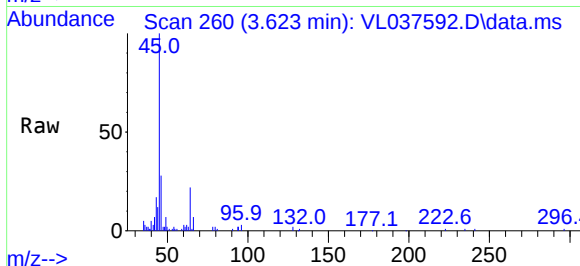
#13
Ethanol
Concen: 9.327 ppbv m
RT: 3.623 min Scan# 260
Delta R.T. 0.023 min
Lab File: VL037592.D
Acq: 9 Sep 2021 4:37

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 45 Resp: 101472
Ion Ratio Lower Upper
45 100
46 44.9 14.1 56.5

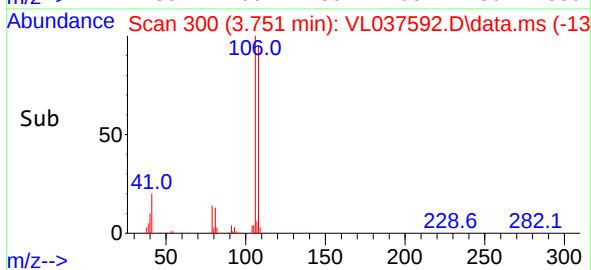
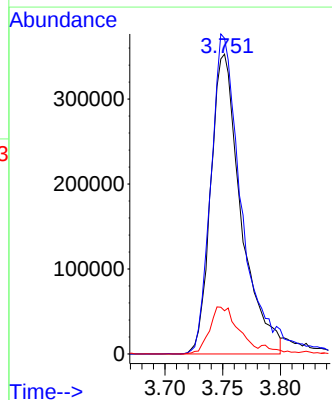
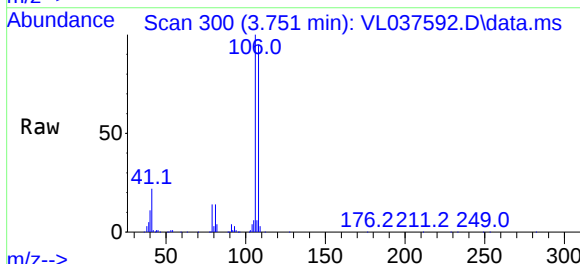
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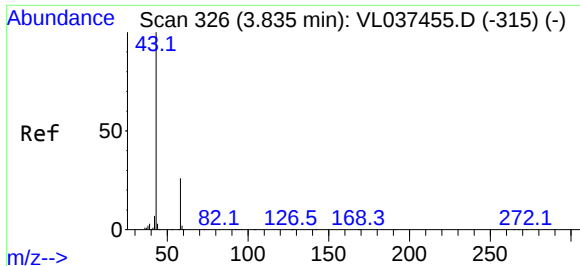
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#14
Bromoethene
Concen: 7.857 ppbv
RT: 3.751 min Scan# 300
Delta R.T. 0.026 min
Lab File: VL037592.D
Acq: 9 Sep 2021 4:37

Tgt Ion: 108 Resp: 643358
Ion Ratio Lower Upper
108 100
106 111.4 85.8 128.8
79 17.0 12.6 18.8





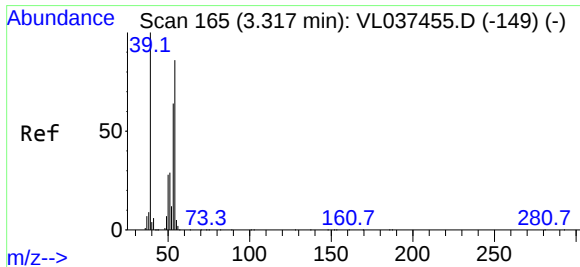
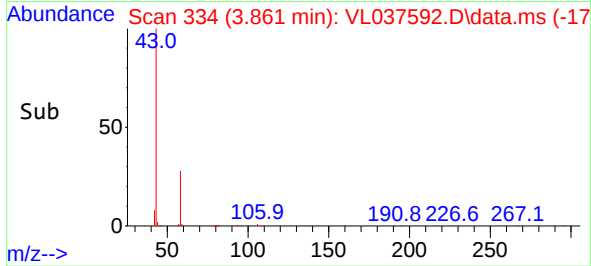
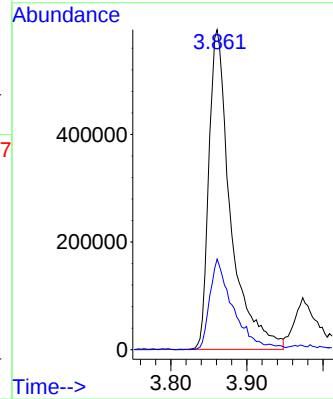
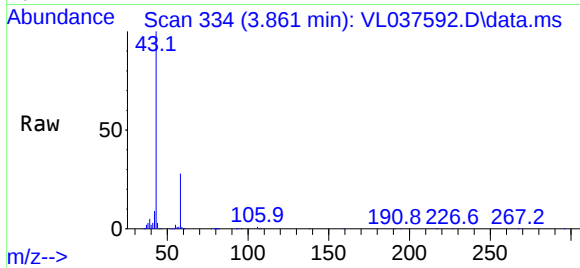
#15
Acetone
Concen: 7.099 ppbv
RT: 3.861 min Scan# 334
Delta R.T. 0.026 min
Lab File: VL037592.D
Acq: 9 Sep 2021 4:37

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 43 Resp: 1178970
Ion Ratio Lower Upper
43 100
58 30.7 24.8 37.2

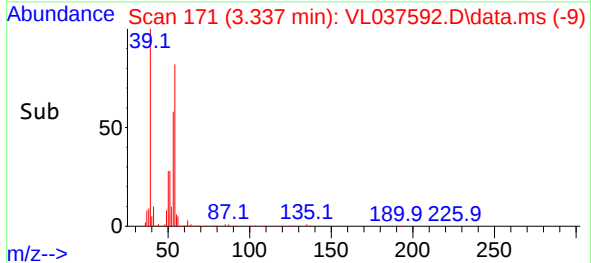
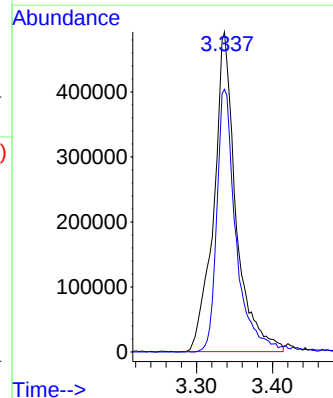
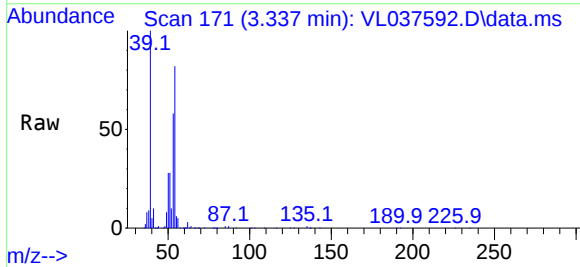
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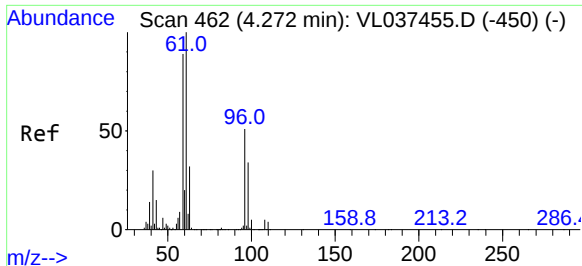
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#16
1,3-Butadiene
Concen: 9.377 ppbv
RT: 3.337 min Scan# 171
Delta R.T. 0.019 min
Lab File: VL037592.D
Acq: 9 Sep 2021 4:37

Tgt Ion: 39 Resp: 998940
Ion Ratio Lower Upper
39 100
54 72.5 63.7 95.5





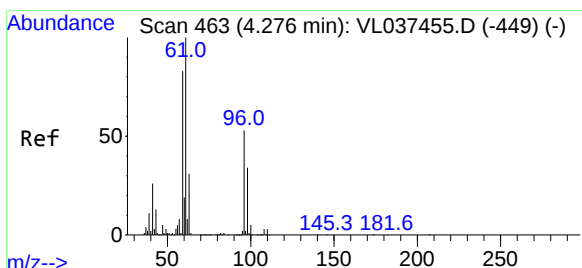
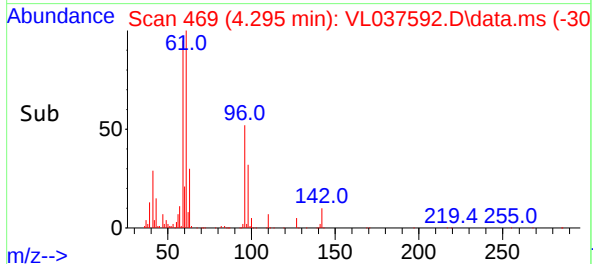
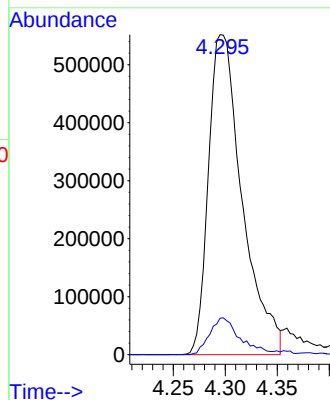
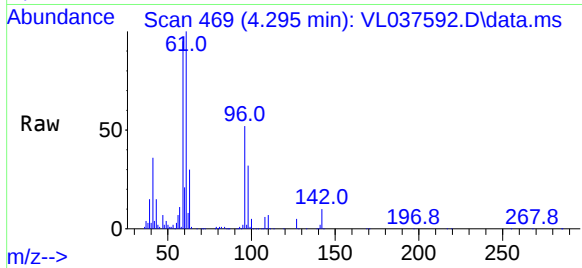
#17
tert-Butyl alcohol
Concen: 8.216 ppbv
RT: 4.295 min Scan# 469
Delta R.T. 0.022 min
Lab File: VL037592.D
Acq: 9 Sep 2021 4:37

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 59 Resp: 1246421
Ion Ratio Lower Upper
59 100
57 11.4 8.3 12.5

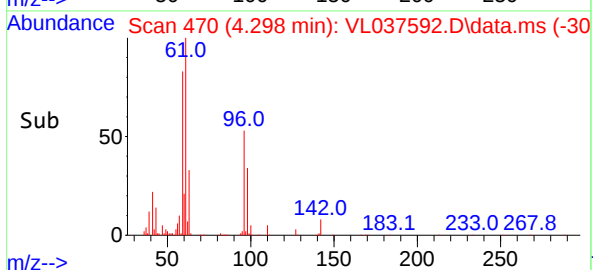
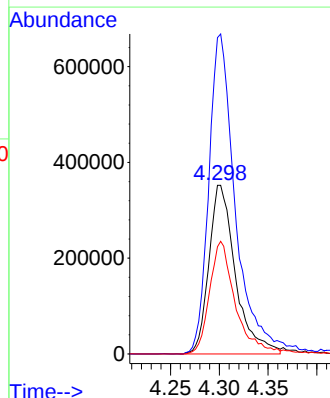
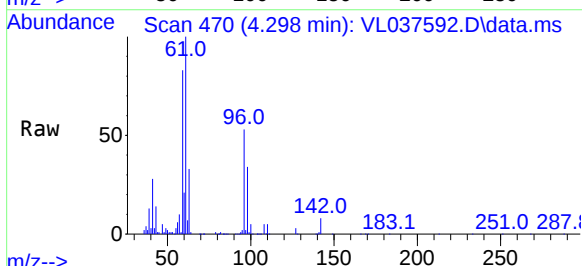
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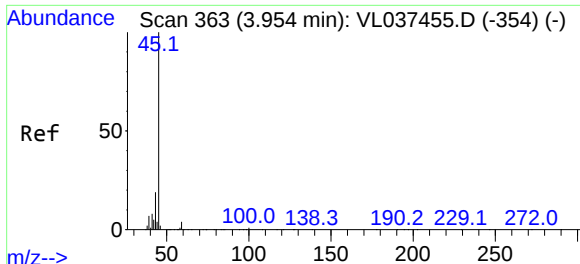
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#18
1,1-Dichloroethene
Concen: 8.171 ppbv
RT: 4.298 min Scan# 470
Delta R.T. 0.022 min
Lab File: VL037592.D
Acq: 9 Sep 2021 4:37

Tgt Ion: 96 Resp: 669400
Ion Ratio Lower Upper
96 100
61 187.5 151.1 226.7
98 63.6 51.8 77.8





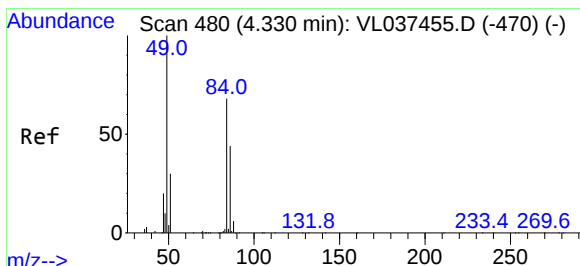
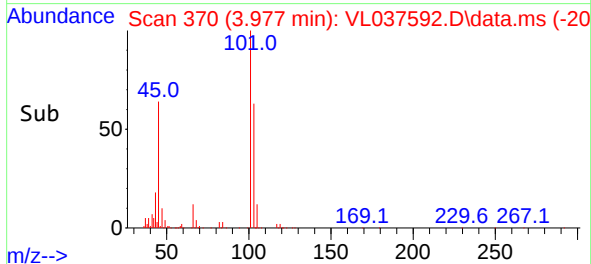
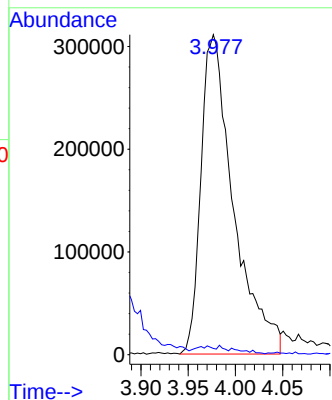
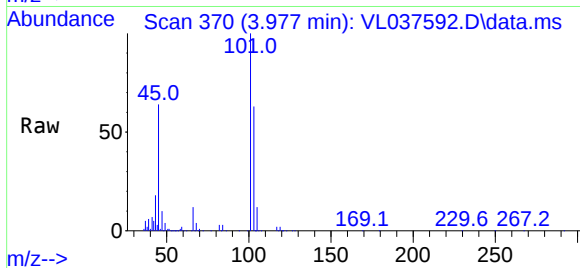
#19
Isopropyl Alcohol
Concen: 7.836 ppbv
RT: 3.977 min Scan# 370
Delta R.T. 0.023 min
Lab File: VL037592.D
Acq: 9 Sep 2021 4:37

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 45 Resp: 745536
Ion Ratio Lower Upper
45 100
58 2.3 1.4 2.2#

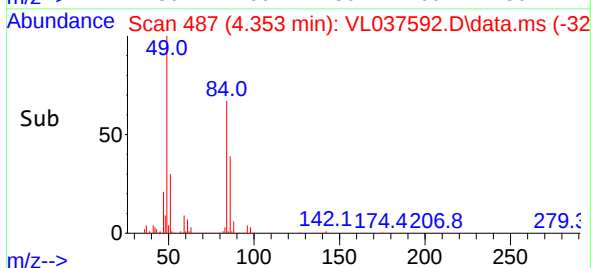
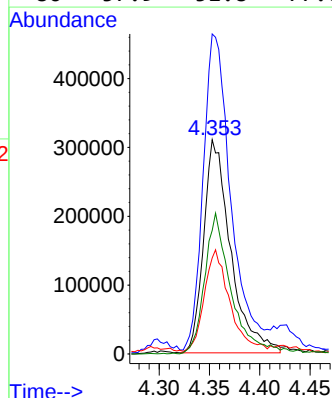
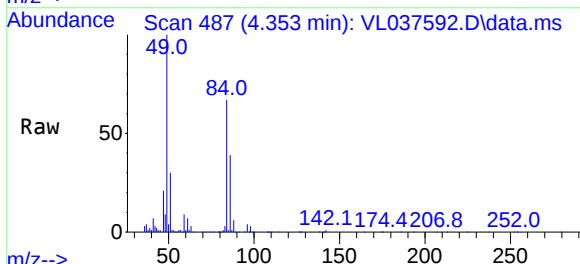
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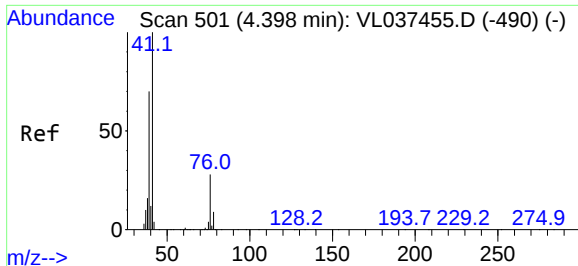
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#20
Methylene Chloride
Concen: 6.960 ppbv
RT: 4.353 min Scan# 487
Delta R.T. 0.022 min
Lab File: VL037592.D
Acq: 9 Sep 2021 4:37

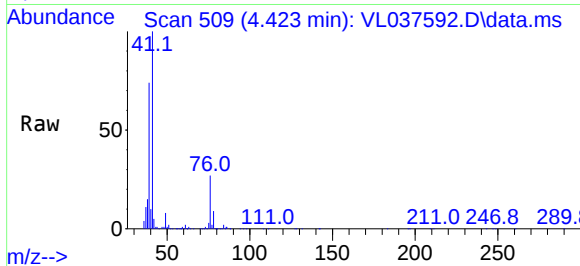
Tgt Ion: 84 Resp: 578709
Ion Ratio Lower Upper
84 100
49 147.2 118.2 177.2
51 43.3 36.6 55.0
86 57.9 51.8 77.6





#21
 Allyl Chloride
 Concen: 7.344 ppbv
 RT: 4.423 min Scan# 509
 Delta R.T. 0.026 min
 Lab File: VL037592.D
 Acq: 9 Sep 2021 4:37

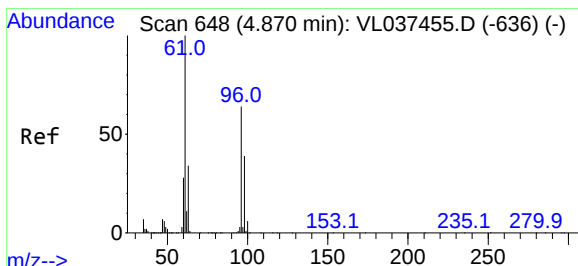
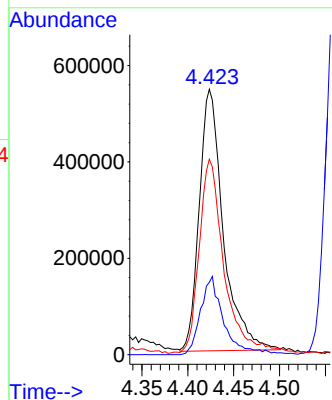
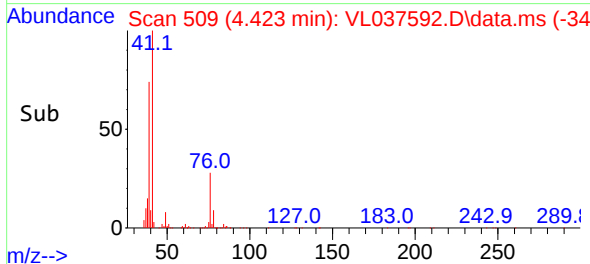
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC



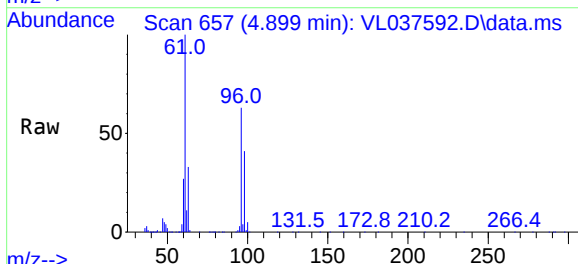
Tgt Ion: 41 Resp: 990636
 Ion Ratio Lower Upper
 41 100
 76 28.9 21.8 32.6
 39 79.0 56.8 85.2

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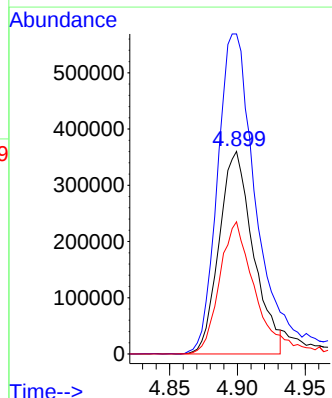
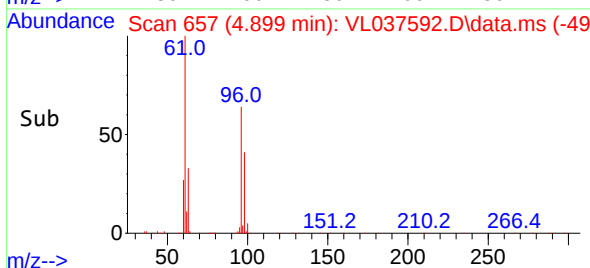
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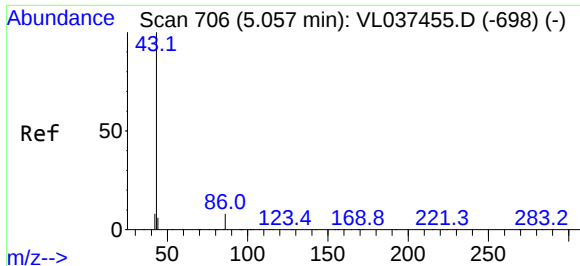


#22
 trans-1,2-Dichloroethene
 Concen: 7.734 ppbv
 RT: 4.899 min Scan# 657
 Delta R.T. 0.029 min
 Lab File: VL037592.D
 Acq: 9 Sep 2021 4:37



Tgt Ion: 96 Resp: 632143
 Ion Ratio Lower Upper
 96 100
 61 157.9 125.5 188.3
 98 65.2 49.0 73.4





#23
 Vinyl Acetate
 Concen: 7.423 ppbv m
 RT: 5.086 min Scan# 715
 Delta R.T. 0.029 min
 Lab File: VL037592.D
 Acq: 9 Sep 2021 4:37

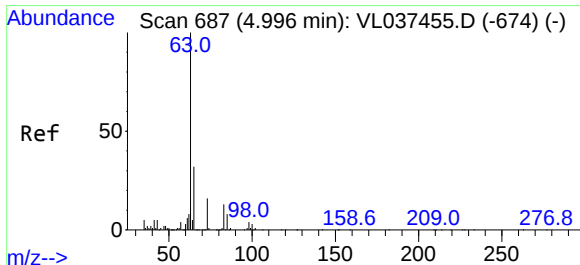
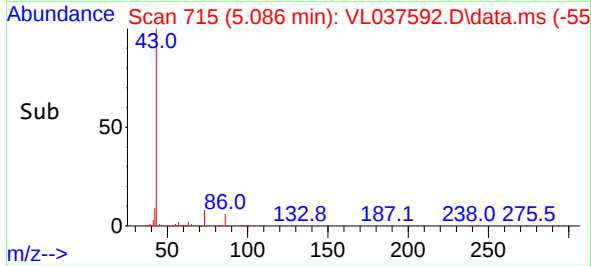
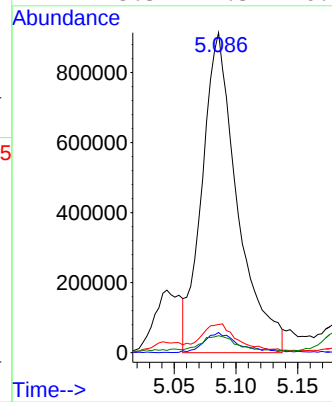
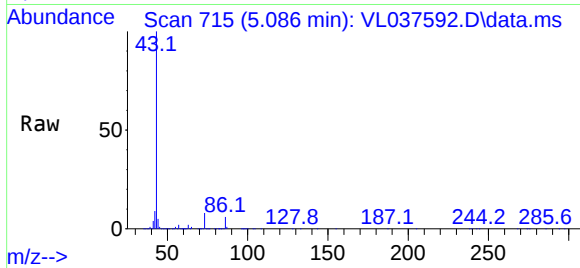
Tgt Ion: 43 Resp: 1817015

Ion	Ratio	Lower	Upper
43	100		
86	6.3	5.7	8.5
42	8.8	7.4	11.2
44	5.3	4.3	6.5

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC

Manual Integrations
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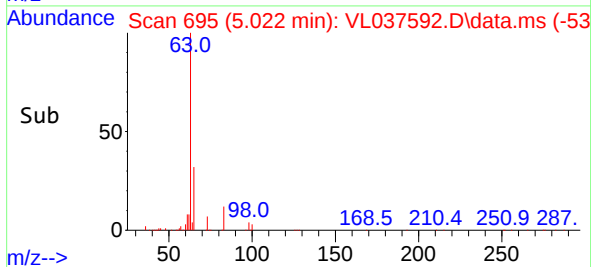
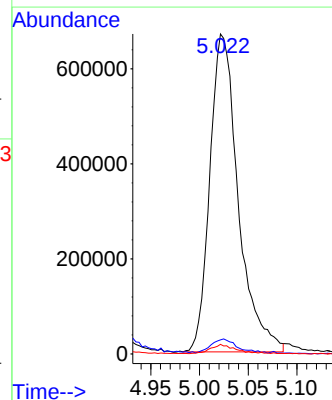
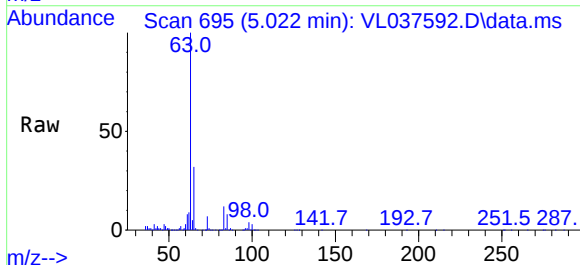
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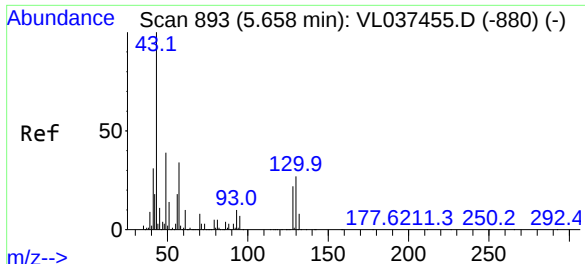


#24
 1,1-Dichloroethane
 Concen: 7.635 ppbv
 RT: 5.022 min Scan# 695
 Delta R.T. 0.026 min
 Lab File: VL037592.D
 Acq: 9 Sep 2021 4:37

Tgt Ion: 63 Resp: 1355533

Ion	Ratio	Lower	Upper
63	100		
98	4.2	2.1	6.3
100	2.8	1.6	4.7





#25
Ethyl Acetate
Concen: 8.463 ppbv
RT: 5.690 min Scan# 903
Delta R.T. 0.032 min
Lab File: VL037592.D
Acq: 9 Sep 2021 4:37

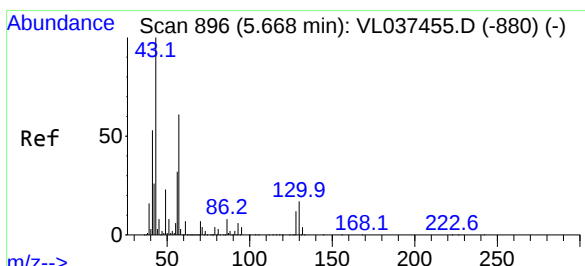
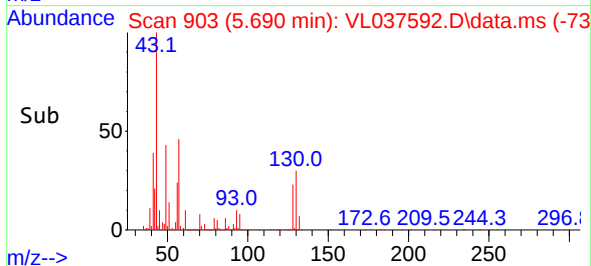
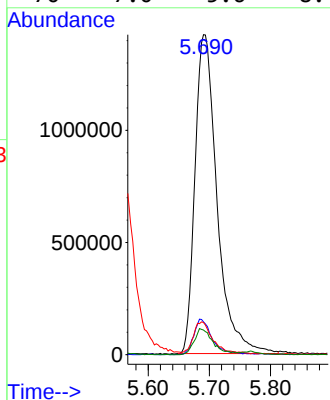
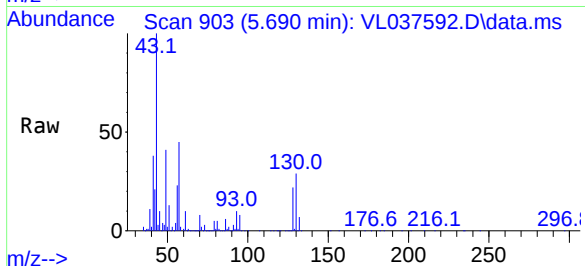
Tgt Ion: 43 Resp: 3568300

Ion	Ratio	Lower	Upper
43	100		
45	9.6	8.0	12.0
61	9.2	8.0	12.0
70	7.0	5.6	8.4

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

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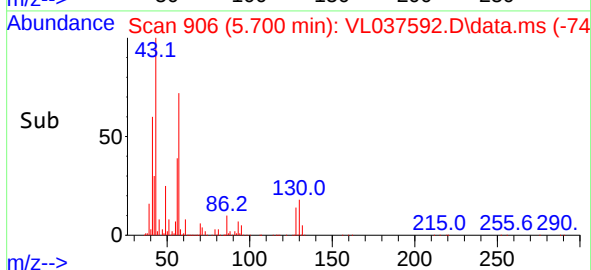
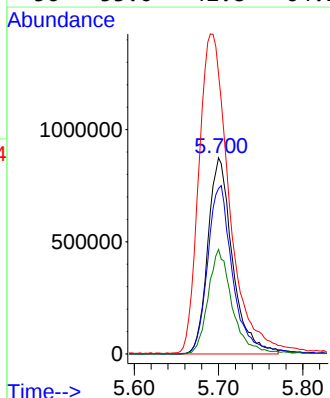
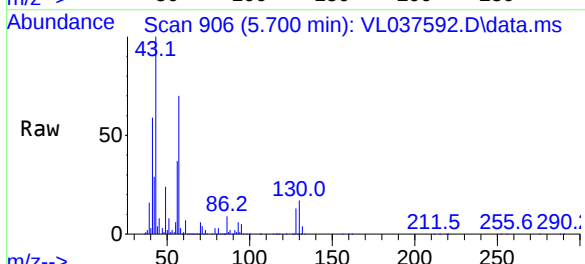
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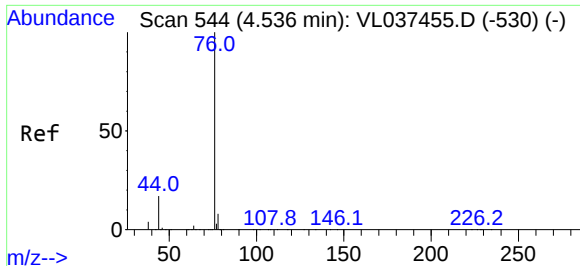


#26
Hexane
Concen: 8.619 ppbv
RT: 5.700 min Scan# 906
Delta R.T. 0.032 min
Lab File: VL037592.D
Acq: 9 Sep 2021 4:37

Tgt Ion: 57 Resp: 1776623

Ion	Ratio	Lower	Upper
57	100		
41	88.0	72.3	108.5
43	204.1	172.3	258.5
56	53.0	42.8	64.2





#27
Carbon Disulfide
Concen: 8.306 ppbv
RT: 4.562 min Scan# 552
Delta R.T. 0.026 min
Lab File: VL037592.D
Acq: 9 Sep 2021 4:37

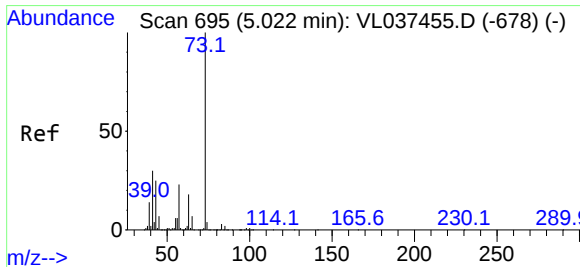
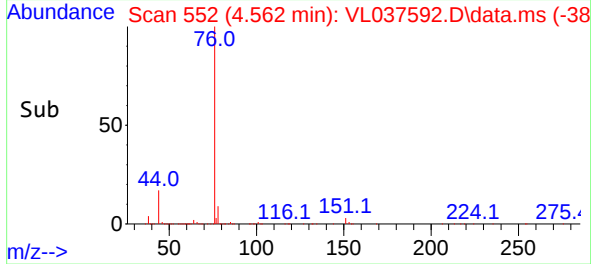
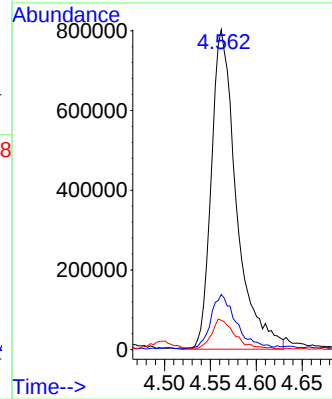
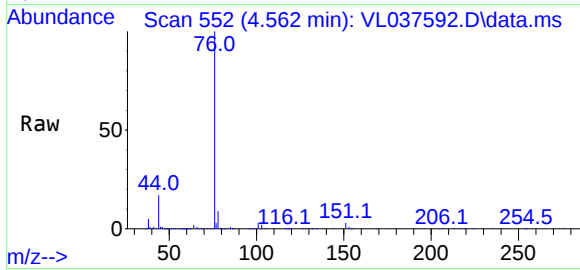
Tgt Ion: 76 Resp: 1525804

Ion	Ratio	Lower	Upper
76	100		
44	19.1	13.9	20.9
78	9.5	7.9	11.9

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Manual Integrations
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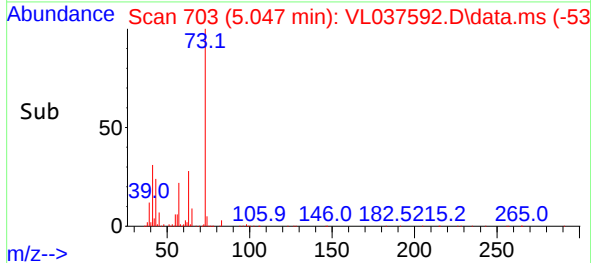
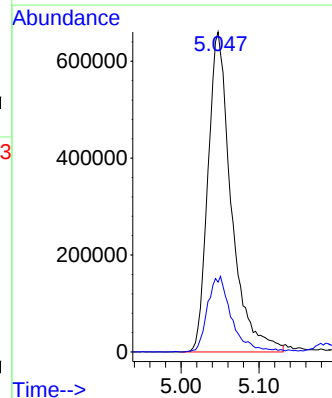
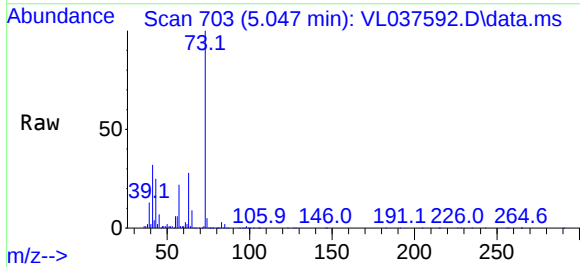
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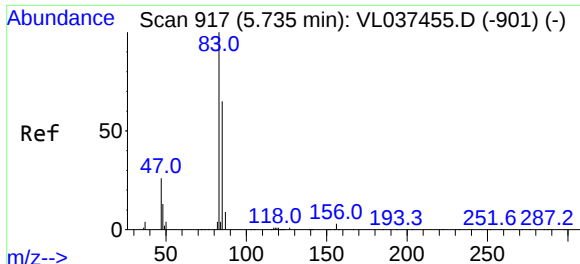


#28
Methyl tert-Butyl Ether
Concen: 6.940 ppbv
RT: 5.047 min Scan# 703
Delta R.T. 0.026 min
Lab File: VL037592.D
Acq: 9 Sep 2021 4:37

Tgt Ion: 73 Resp: 1374076

Ion	Ratio	Lower	Upper
73	100		
57	24.4	19.4	29.2





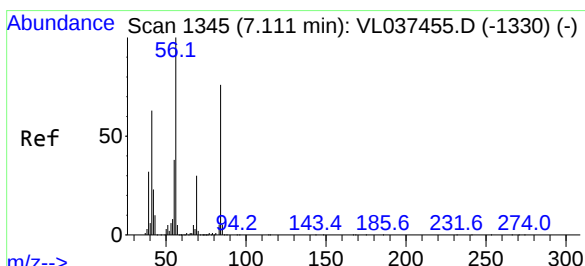
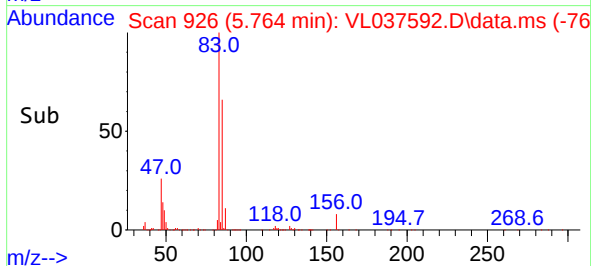
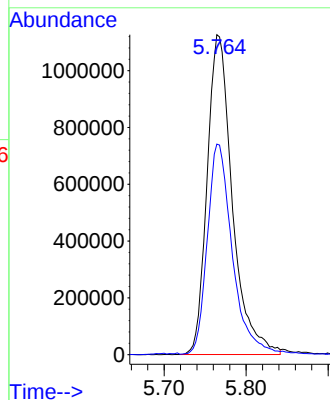
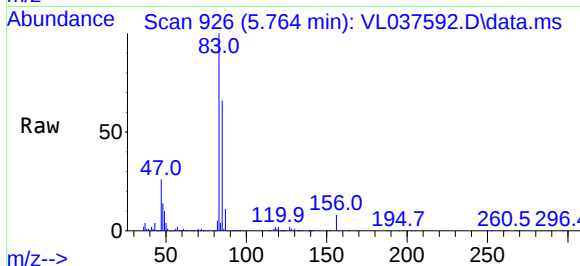
#29
Chloroform
Concen: 8.233 ppbv
RT: 5.764 min Scan# 926
Delta R.T. 0.029 min
Lab File: VL037592.D
Acq: 9 Sep 2021 4:37

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 83 Resp: 2405103
Ion Ratio Lower Upper
83 100
85 65.7 52.3 78.5

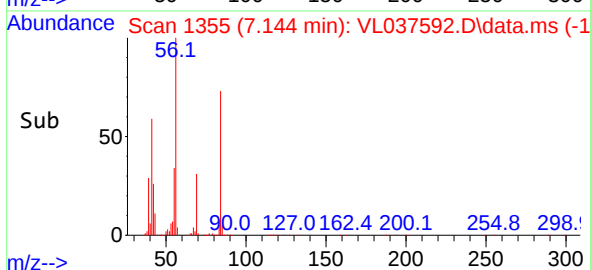
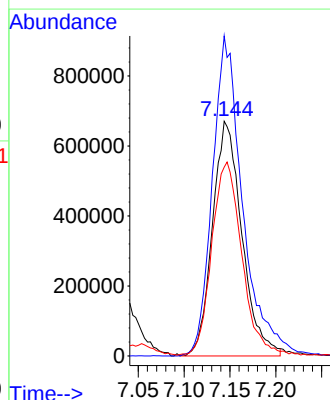
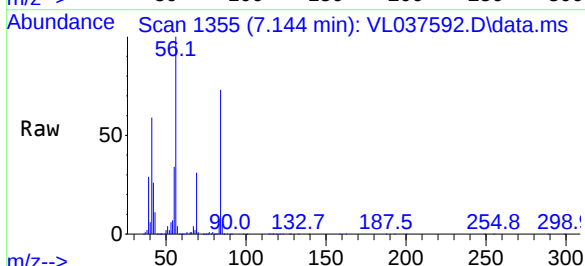
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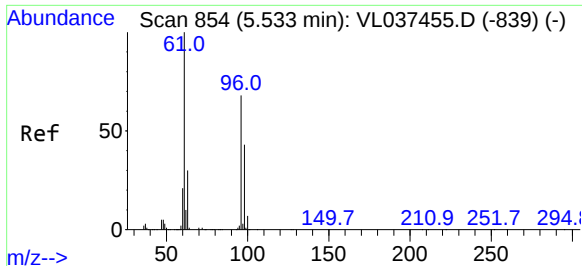
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#30
Cyclohexane
Concen: 8.723 ppbv
RT: 7.144 min Scan# 1355
Delta R.T. 0.032 min
Lab File: VL037592.D
Acq: 9 Sep 2021 4:37

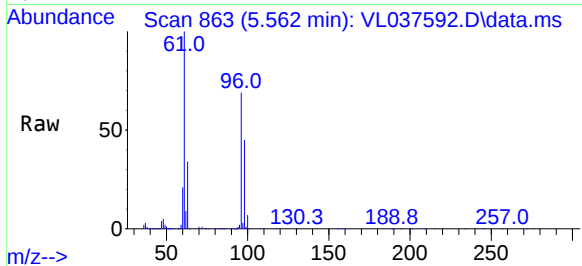
Tgt Ion: 84 Resp: 1498188
Ion Ratio Lower Upper
84 100
56 141.0 110.6 165.8
41 85.4 67.0 100.6





#31
cis-1,2-Dichloroethene
Concen: 8.399 ppbv
RT: 5.562 min Scan# 863
Delta R.T. 0.029 min
Lab File: VL037592.D
Acq: 9 Sep 2021 4:37

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

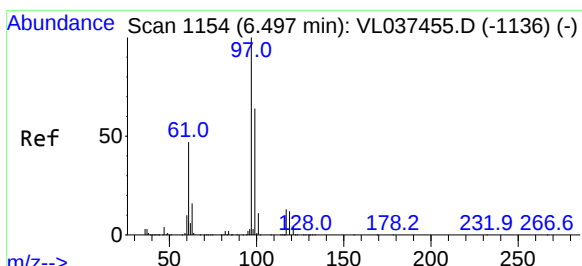
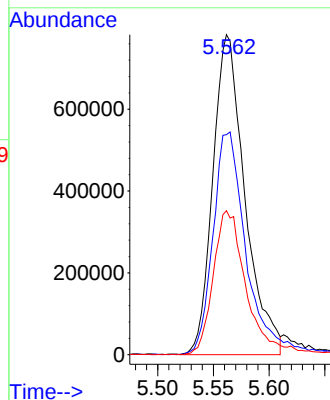
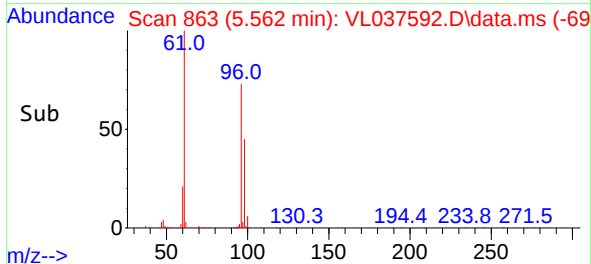


Tgt Ion: 61 Resp: 1567009

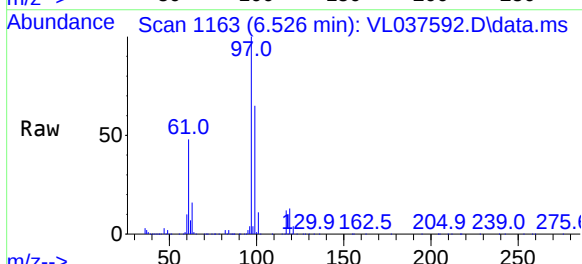
Ion	Ratio	Lower	Upper
61	100		
96	68.7	54.8	82.2
98	44.9	34.2	51.2

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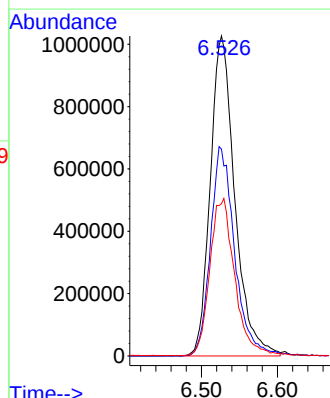
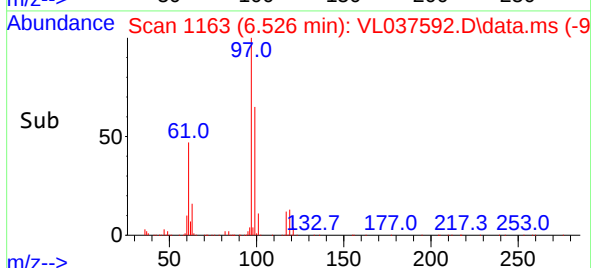


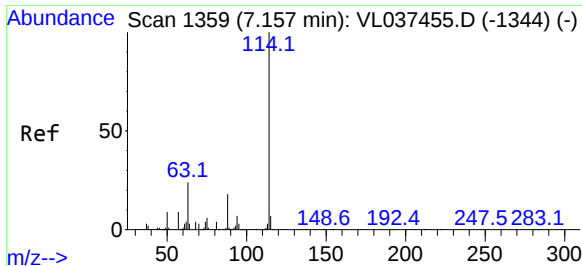
#32
1,1,1-Trichloroethane
Concen: 8.002 ppbv
RT: 6.526 min Scan# 1163
Delta R.T. 0.029 min
Lab File: VL037592.D
Acq: 9 Sep 2021 4:37



Tgt Ion: 97 Resp: 2296754

Ion	Ratio	Lower	Upper
97	100		
99	65.1	51.8	77.6
61	50.3	39.6	59.4





#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.192 min Scan# 1370
Delta R.T. 0.035 min
Lab File: VL037592.D
Acq: 9 Sep 2021 4:37

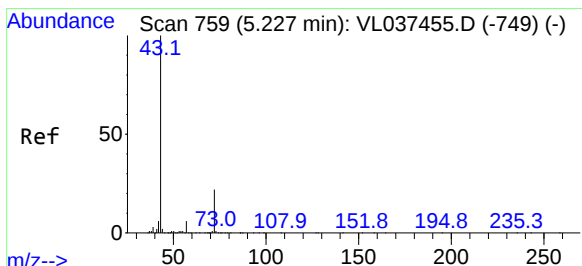
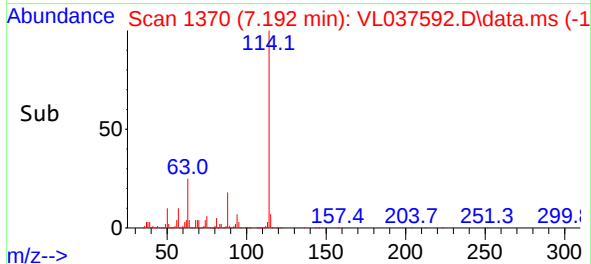
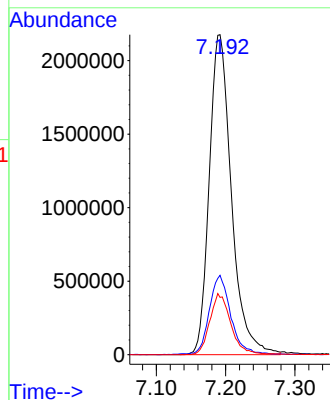
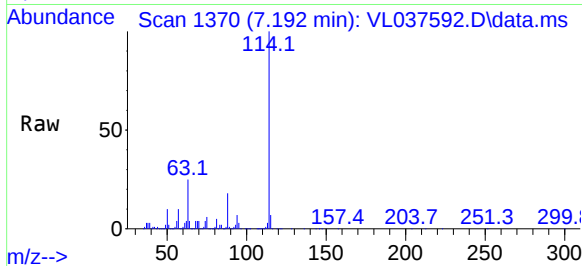
Tgt Ion: 114 Resp: 4839831

Ion	Ratio	Lower	Upper
114	100		
63	24.1	19.3	28.9
88	18.2	14.2	21.4

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

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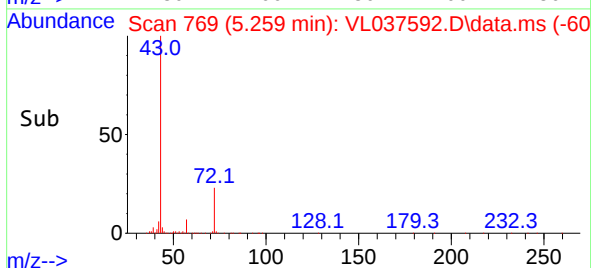
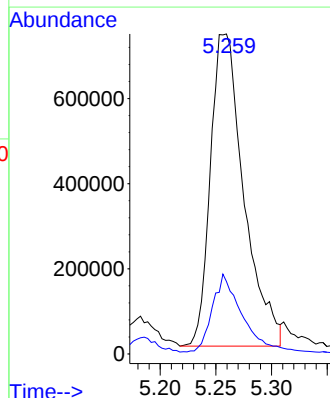
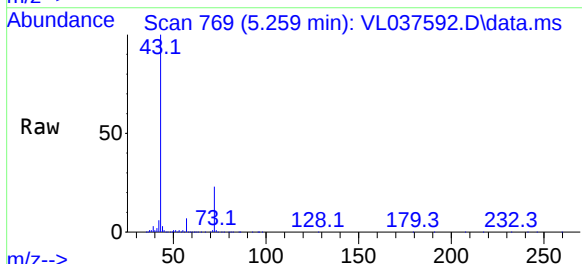
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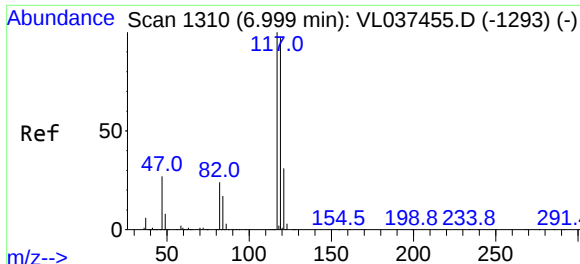


#34
2-Butanone
Concen: 7.749 ppbv
RT: 5.259 min Scan# 769
Delta R.T. 0.032 min
Lab File: VL037592.D
Acq: 9 Sep 2021 4:37

Tgt Ion: 43 Resp: 1531552

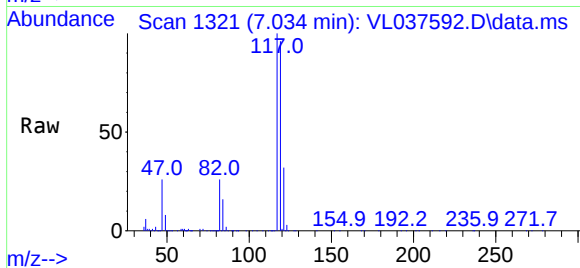
Ion	Ratio	Lower	Upper
43	100		
72	25.2	17.4	26.0





#35
Carbon Tetrachloride
Concen: 8.064 ppbv
RT: 7.034 min Scan# 1321
Delta R.T. 0.035 min
Lab File: VL037592.D
Acq: 9 Sep 2021 4:37

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

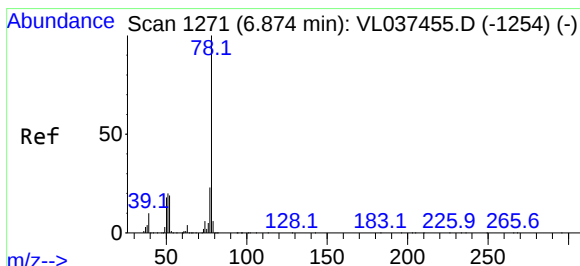
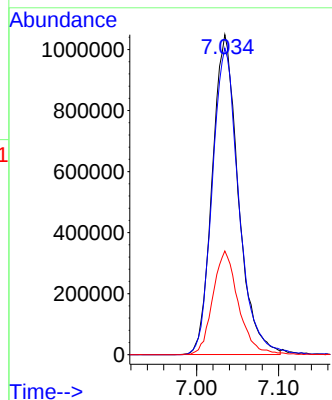
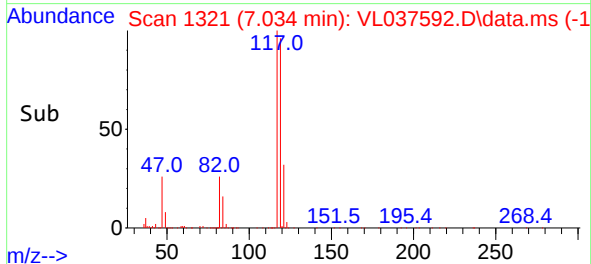


Tgt Ion: 117 Resp: 2306409

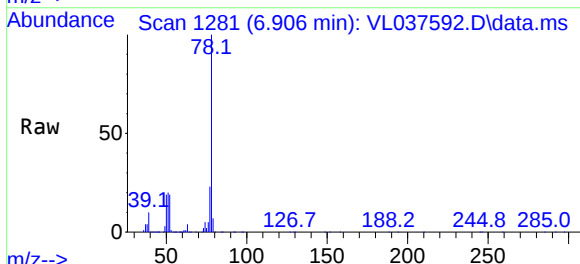
Ion	Ratio	Lower	Upper
117	100		
119	95.8	77.3	115.9
121	32.4	25.2	37.8

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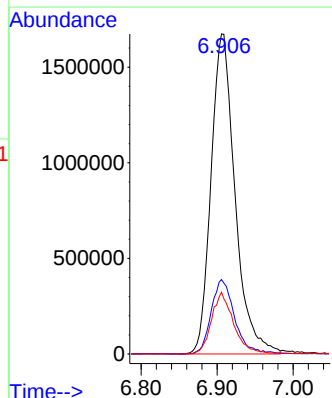
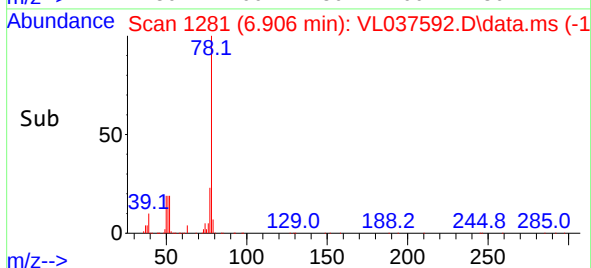


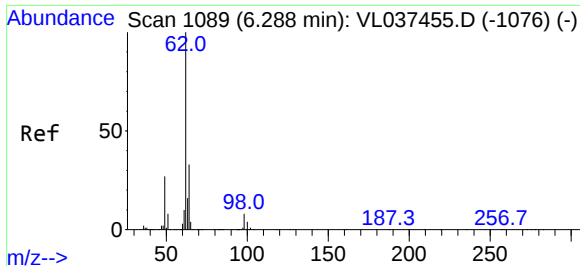
#36
Benzene
Concen: 9.017 ppbv
RT: 6.906 min Scan# 1281
Delta R.T. 0.032 min
Lab File: VL037592.D
Acq: 9 Sep 2021 4:37



Tgt Ion: 78 Resp: 3668639

Ion	Ratio	Lower	Upper
78	100		
77	23.2	18.2	27.4
50	19.3	14.6	21.8





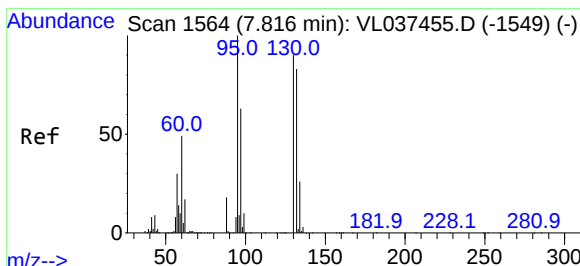
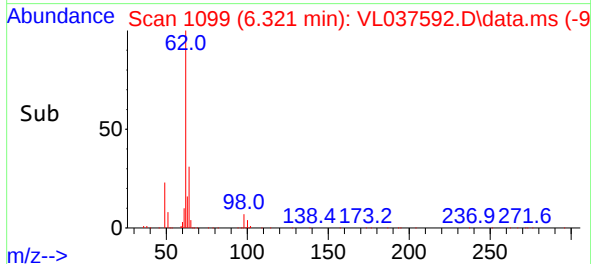
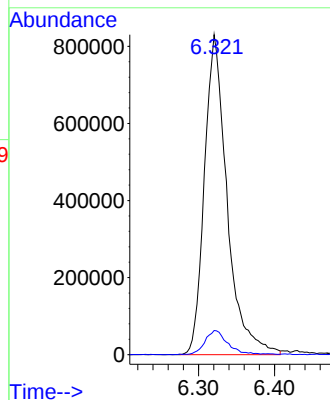
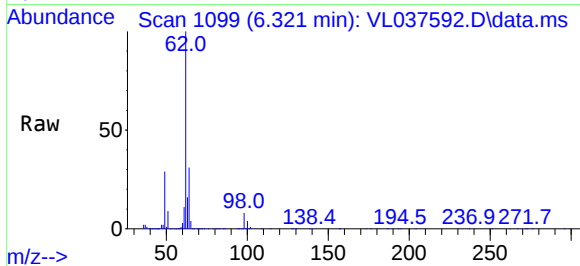
#37
1,2-Dichloroethane
Concen: 8.549 ppbv
RT: 6.321 min Scan# 1099
Delta R.T. 0.032 min
Lab File: VL037592.D
Acq: 9 Sep 2021 4:37

Tgt Ion: 62 Resp: 1722915
Ion Ratio Lower Upper
62 100
98 7.9 6.0 9.0

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

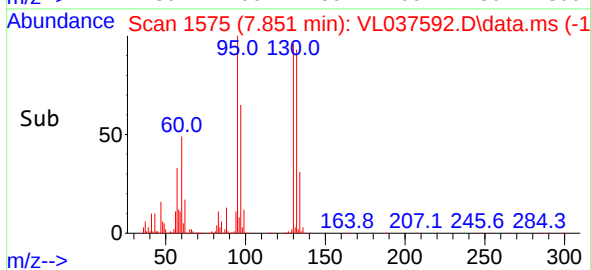
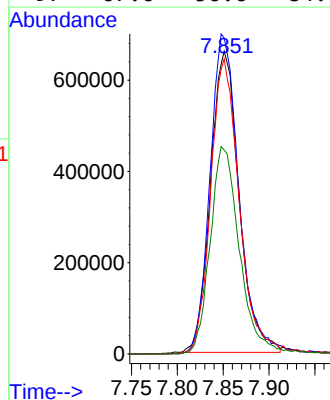
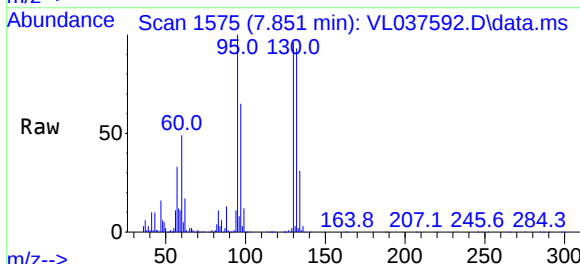
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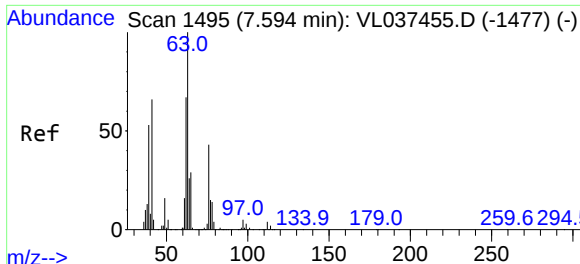
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#38
Trichloroethene
Concen: 8.582 ppbv
RT: 7.851 min Scan# 1575
Delta R.T. 0.035 min
Lab File: VL037592.D
Acq: 9 Sep 2021 4:37

Tgt Ion:130 Resp: 1432661
Ion Ratio Lower Upper
130 100
95 104.7 89.2 133.8
132 97.8 74.0 111.0
97 67.6 56.6 84.8





#39
1,2-Dichloropropane
Concen: 9.040 ppbv
RT: 7.629 min Scan# 1506
Delta R.T. 0.035 min
Lab File: VL037592.D
Acq: 9 Sep 2021 4:37

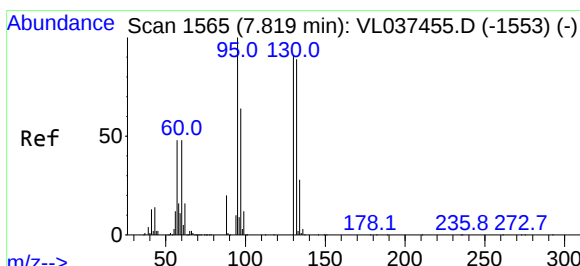
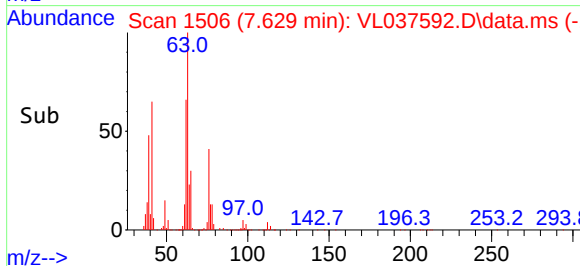
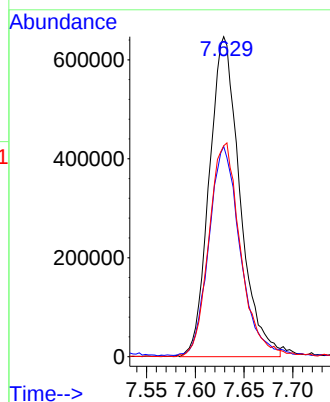
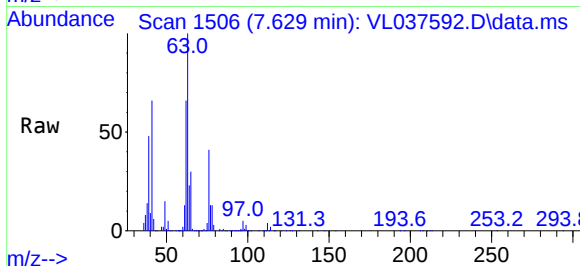
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 63 Resp: 1413262

Ion	Ratio	Lower	Upper
63	100		
41	64.8	52.4	78.6
62	65.2	53.6	80.4

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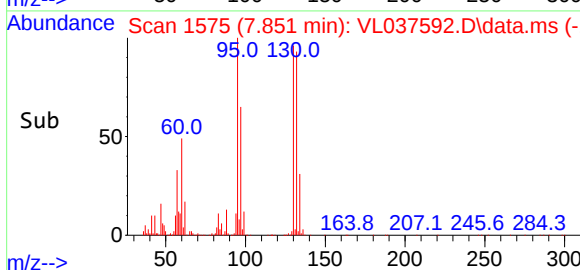
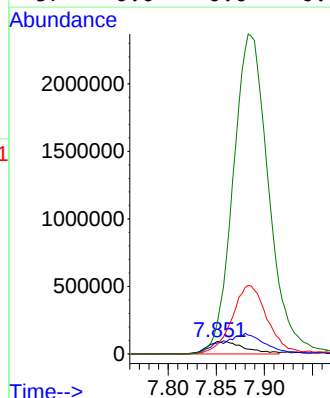
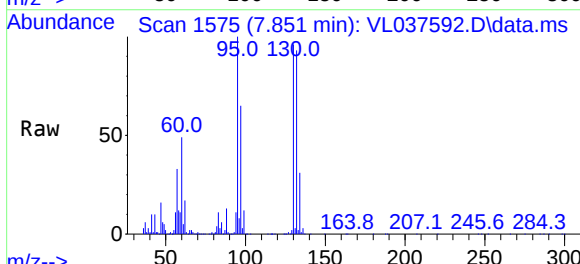
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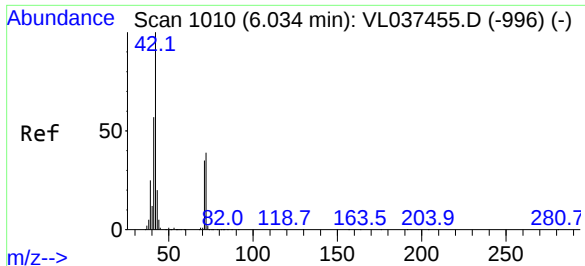


#40
1,4-Dioxane
Concen: 6.531 ppbv m
RT: 7.851 min Scan# 1575
Delta R.T. 0.032 min
Lab File: VL037592.D
Acq: 9 Sep 2021 4:37

Tgt Ion: 88 Resp: 250143

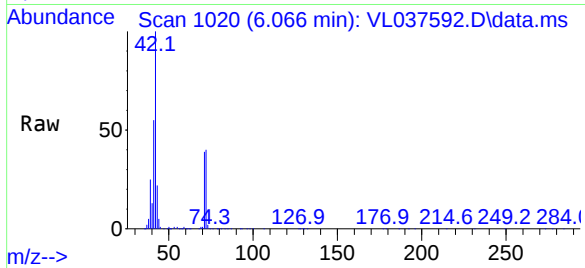
Ion	Ratio	Lower	Upper
88	100		
58	0.0	0.0	0.0
43	0.0	0.0	0.0
57	0.0	0.0	0.0





#41
Tetrahydrofuran
Concen: 8.823 ppbv
RT: 6.066 min Scan# 1020
Delta R.T. 0.032 min
Lab File: VL037592.D
Acq: 9 Sep 2021 4:37

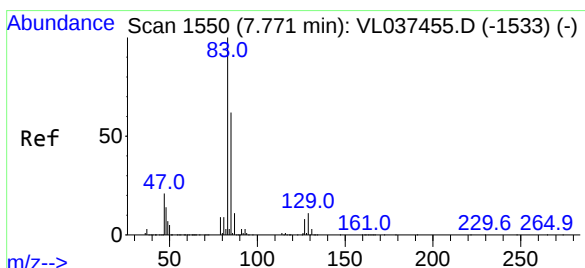
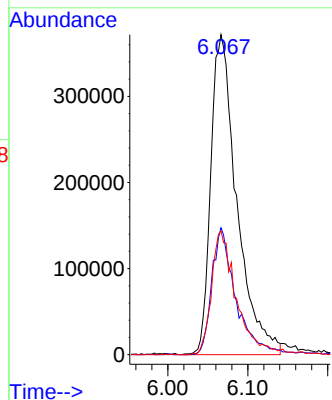
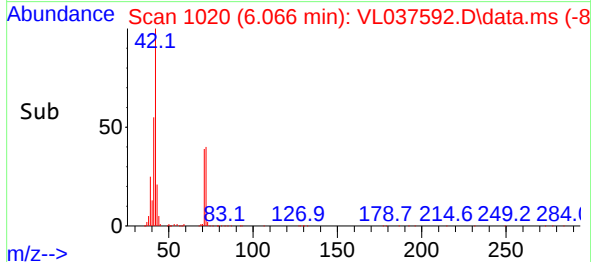
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



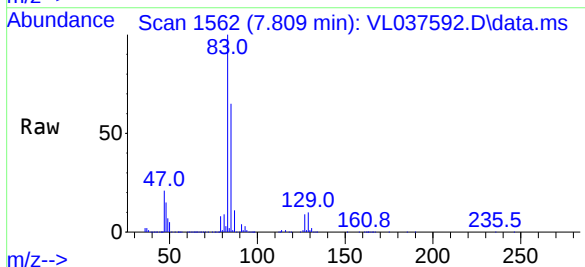
Tgt Ion: 42 Resp: 840046
Ion Ratio Lower Upper
42 100
72 37.4 32.2 48.4
71 37.5 30.5 45.7

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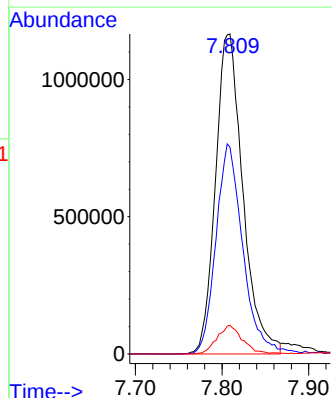
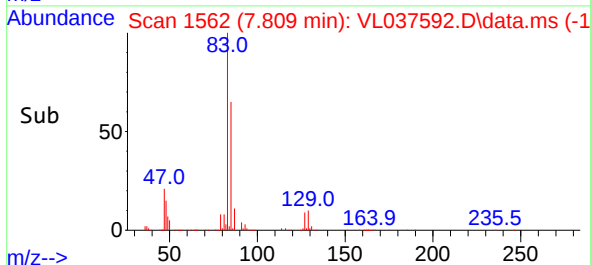
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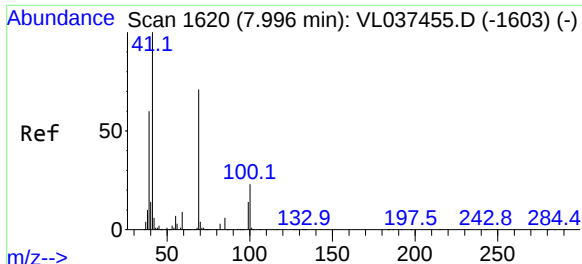


#42
Bromodichloromethane
Concen: 8.694 ppbv
RT: 7.809 min Scan# 1562
Delta R.T. 0.039 min
Lab File: VL037592.D
Acq: 9 Sep 2021 4:37



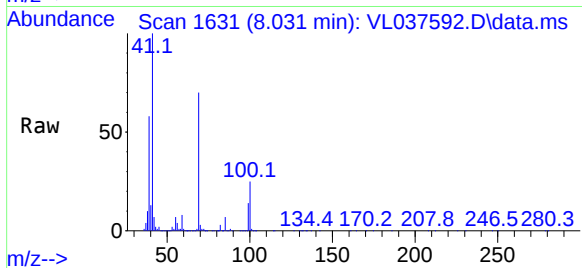
Tgt Ion: 83 Resp: 2562122
Ion Ratio Lower Upper
83 100
85 64.6 49.5 74.3
127 9.0 6.3 9.5





#43
Methyl Methacrylate
Concen: 9.843 ppbv
RT: 8.031 min Scan# 1631
Delta R.T. 0.035 min
Lab File: VL037592.D
Acq: 9 Sep 2021 4:37

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

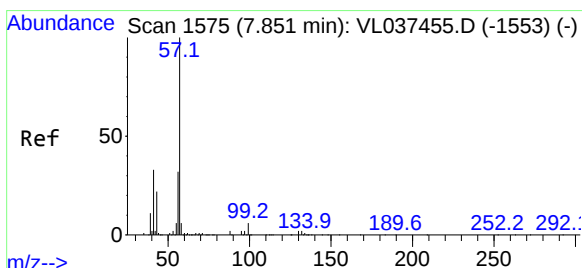
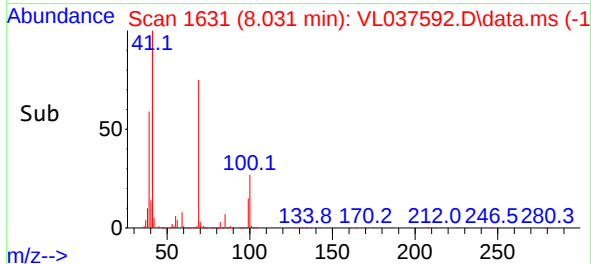
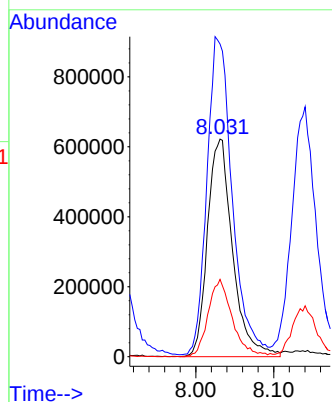


Tgt Ion: 69 Resp: 1395835

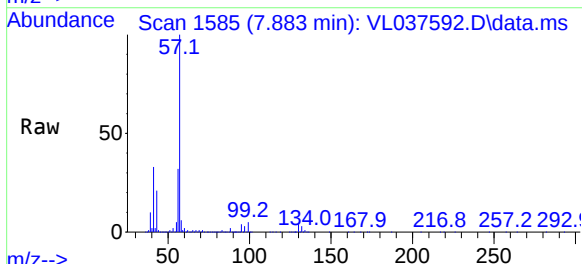
Ion	Ratio	Lower	Upper
69	100		
41	147.9	118.6	178.0
100	34.1	27.4	41.0

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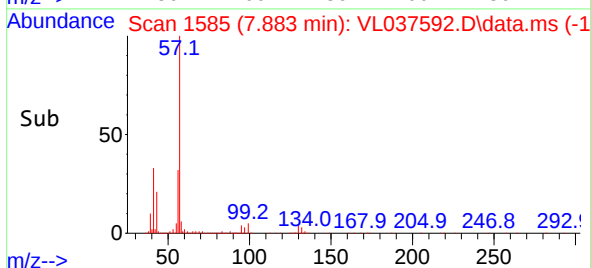
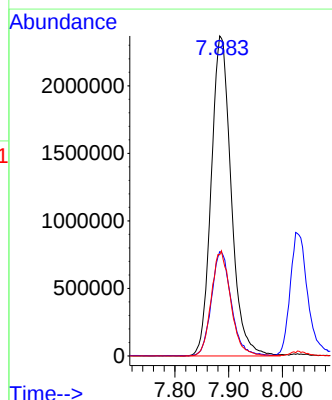


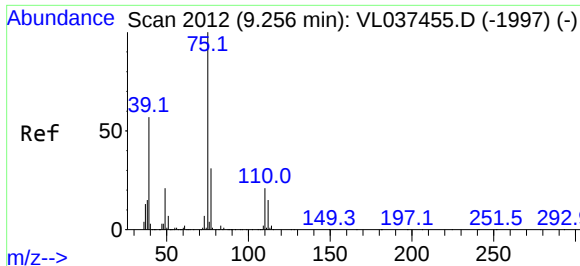
#44
2,2,4-Trimethylpentane
Concen: 8.922 ppbv
RT: 7.883 min Scan# 1585
Delta R.T. 0.032 min
Lab File: VL037592.D
Acq: 9 Sep 2021 4:37



Tgt Ion: 57 Resp: 6109513

Ion	Ratio	Lower	Upper
57	100		
41	32.4	26.2	39.4
56	32.0	25.4	38.2





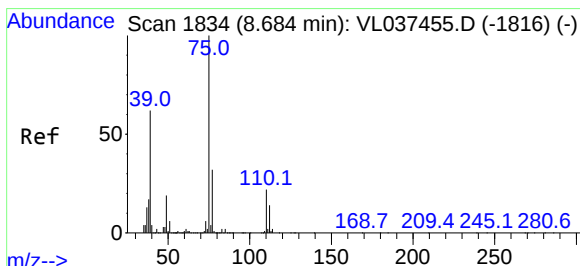
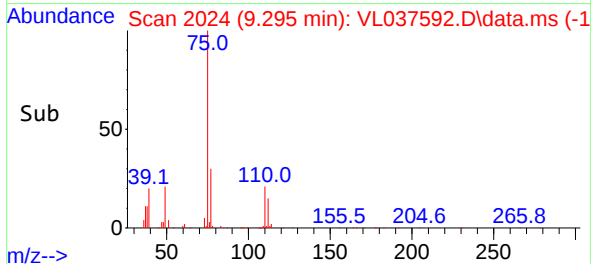
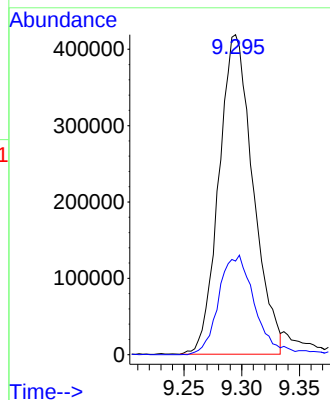
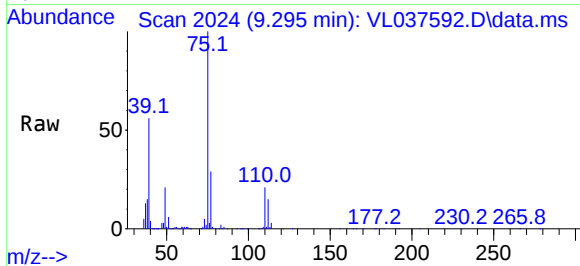
#45
t-1,3-Dichloropropene
Concen: 8.061 ppbv
RT: 9.295 min Scan# 2024
Delta R.T. 0.039 min
Lab File: VL037592.D
Acq: 9 Sep 2021 4:37

Tgt Ion: 75 Resp: 860512
Ion Ratio Lower Upper
75 100
77 29.3 24.5 36.7

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

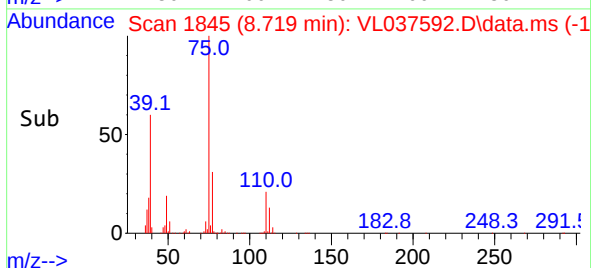
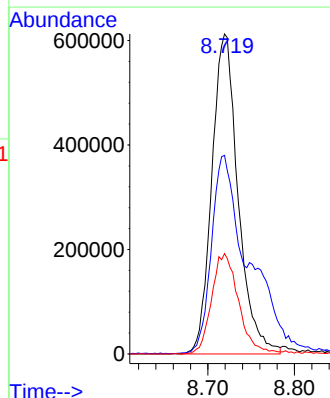
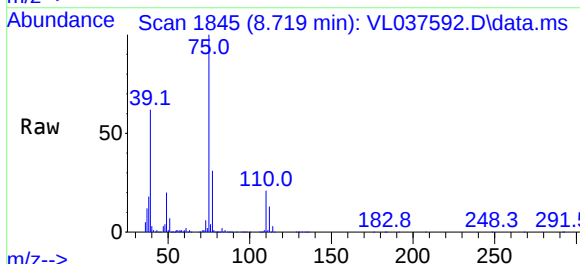
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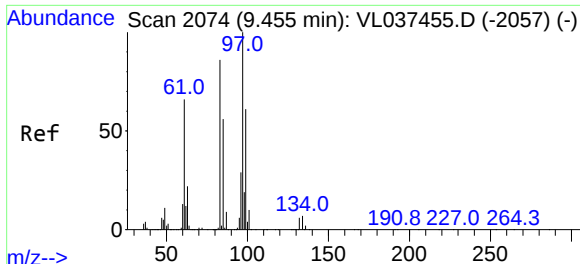
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#46
cis-1,3-Dichloropropene
Concen: 8.669 ppbv
RT: 8.719 min Scan# 1845
Delta R.T. 0.035 min
Lab File: VL037592.D
Acq: 9 Sep 2021 4:37

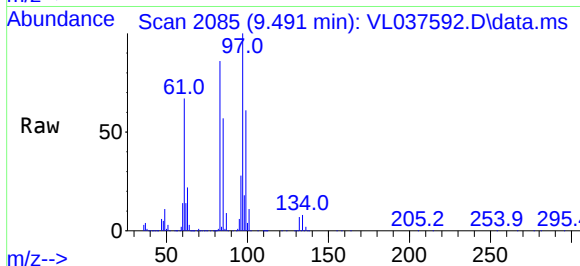
Tgt Ion: 75 Resp: 1290983
Ion Ratio Lower Upper
75 100
39 61.8 49.7 74.5
77 31.3 25.4 38.0





#47
1,1,2-Trichloroethane
Concen: 8.716 ppbv
RT: 9.491 min Scan# 2085
Delta R.T. 0.035 min
Lab File: VL037592.D
Acq: 9 Sep 2021 4:37

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

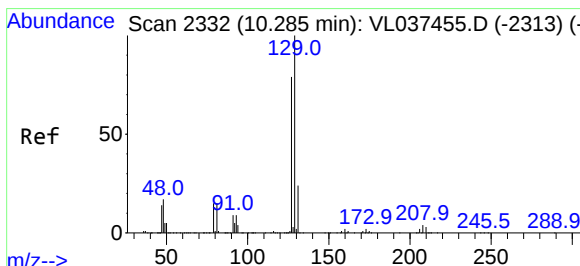
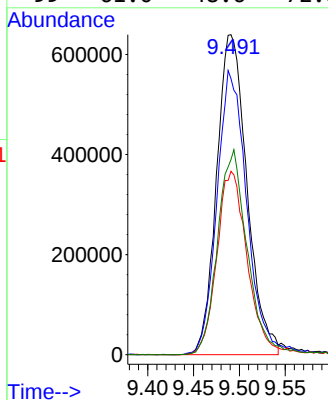
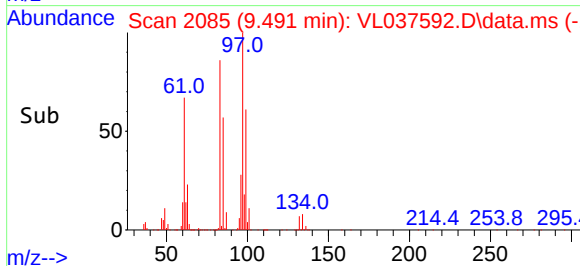


Tgt Ion: 97 Resp: 1472336

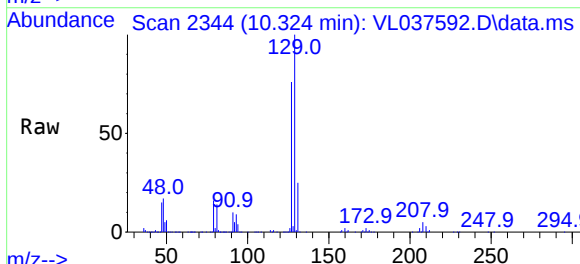
Ion	Ratio	Lower	Upper
97	100		
83	86.2	68.7	103.1
85	57.3	44.7	67.1
99	61.0	48.6	72.8

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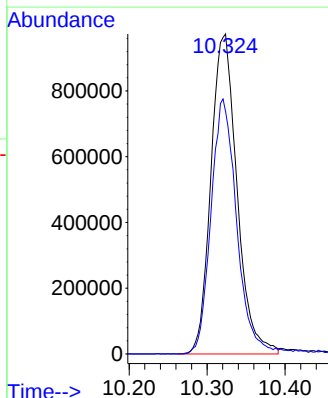
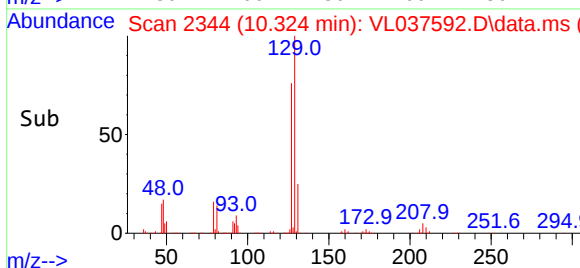


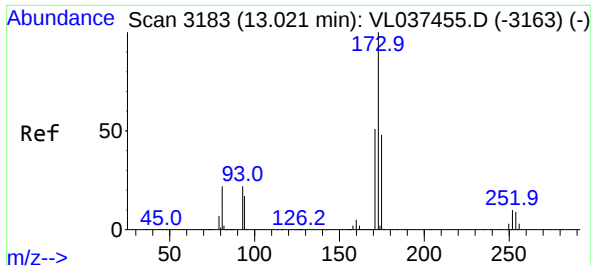
#48
Dibromochloromethane
Concen: 9.320 ppbv
RT: 10.324 min Scan# 2344
Delta R.T. 0.039 min
Lab File: VL037592.D
Acq: 9 Sep 2021 4:37



Tgt Ion: 129 Resp: 2265663

Ion	Ratio	Lower	Upper
129	100		
127	80.6	40.0	120.0





#49
Bromoform
Concen: 9.815 ppbv
RT: 13.053 min Scan# 3193
Delta R.T. 0.032 min
Lab File: VL037592.D
Acq: 9 Sep 2021 4:37

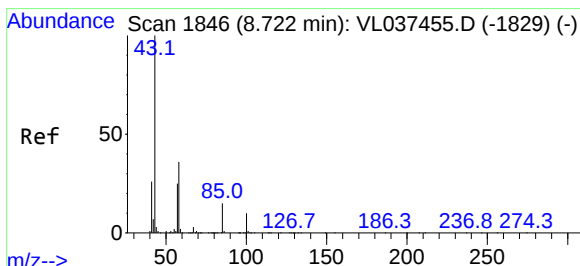
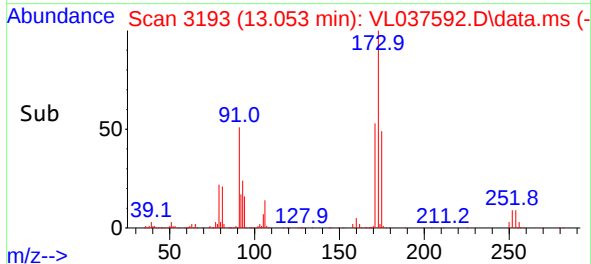
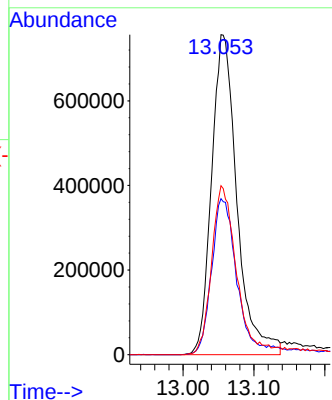
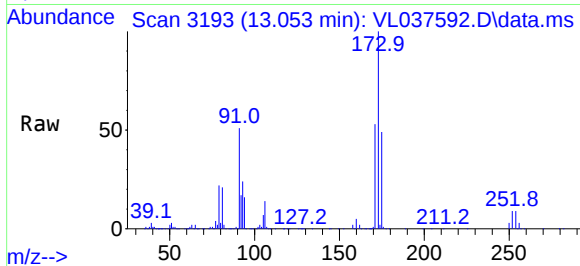
Tgt Ion: 173 Resp: 1880766

Ion	Ratio	Lower	Upper
173	100		
175	52.4	41.9	62.9
171	55.9	44.2	66.4

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

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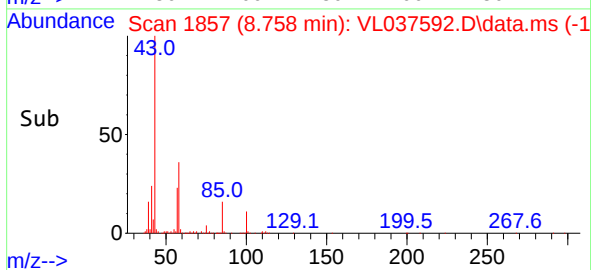
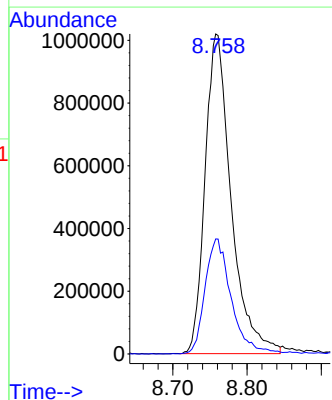
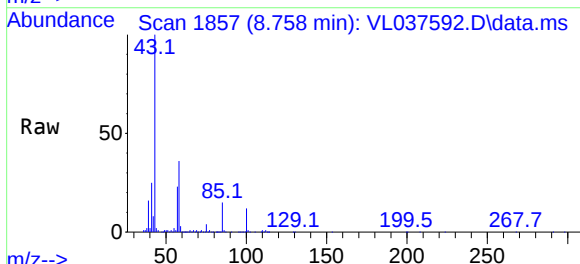
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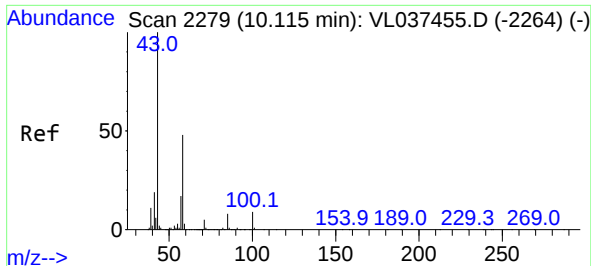


#50
4-Methyl-2-Pentanone
Concen: 9.628 ppbv
RT: 8.758 min Scan# 1857
Delta R.T. 0.035 min
Lab File: VL037592.D
Acq: 9 Sep 2021 4:37

Tgt Ion: 43 Resp: 2482338

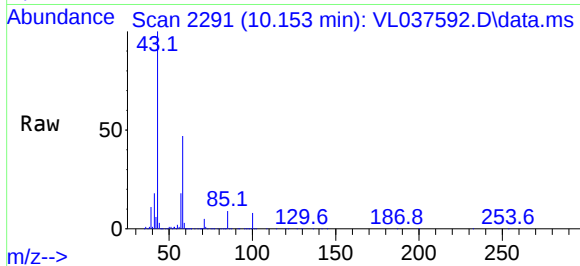
Ion	Ratio	Lower	Upper
43	100		
58	37.0	29.9	44.9





#51
2-Hexanone
Concen: 10.808 ppbv
RT: 10.153 min Scan# 2291
Delta R.T. 0.039 min
Lab File: VL037592.D
Acq: 9 Sep 2021 4:37

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

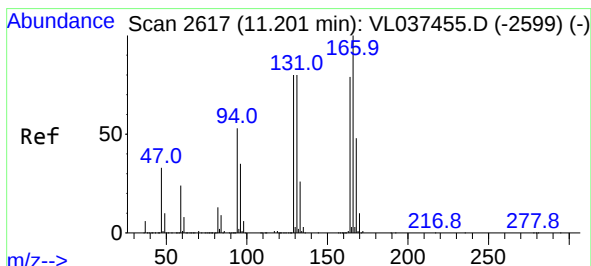
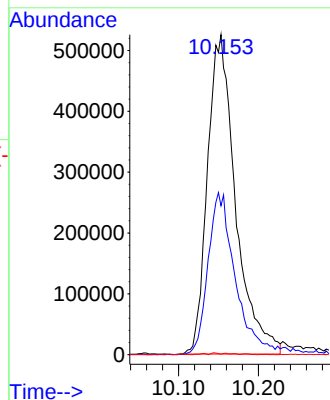
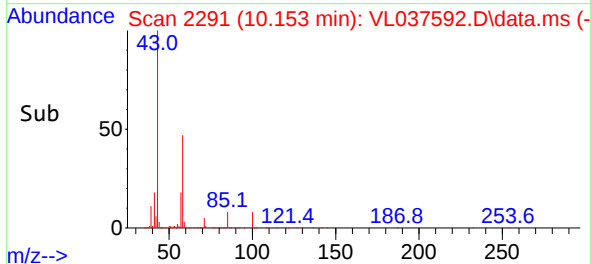


Tgt Ion: 43 Resp: 1281739

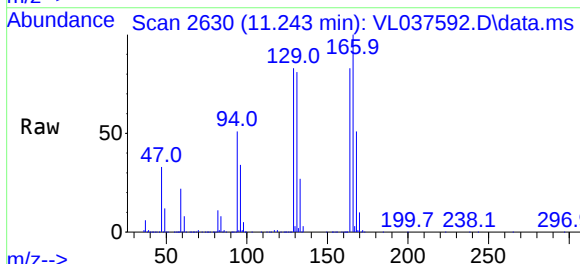
Ion	Ratio	Lower	Upper
43	100		
58	50.9	41.0	61.6
98	0.5	0.3	0.5

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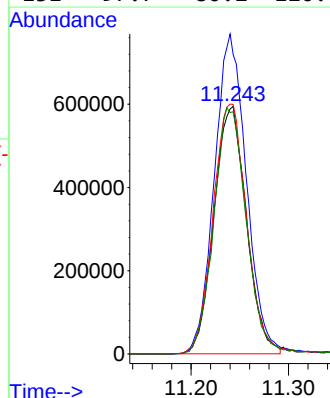
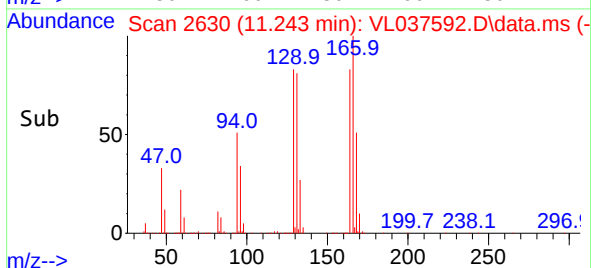


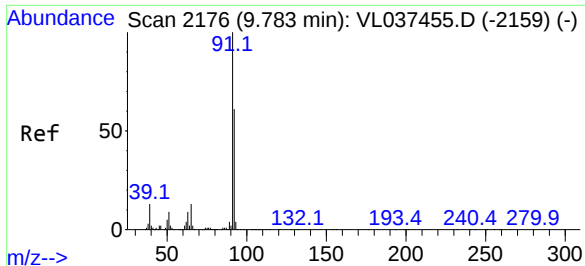
#52
Tetrachloroethene
Concen: 8.264 ppbv
RT: 11.243 min Scan# 2630
Delta R.T. 0.042 min
Lab File: VL037592.D
Acq: 9 Sep 2021 4:37



Tgt Ion: 164 Resp: 1377750

Ion	Ratio	Lower	Upper
164	100		
166	120.9	100.7	151.1
129	100.6	80.9	121.3
131	97.7	80.2	120.4





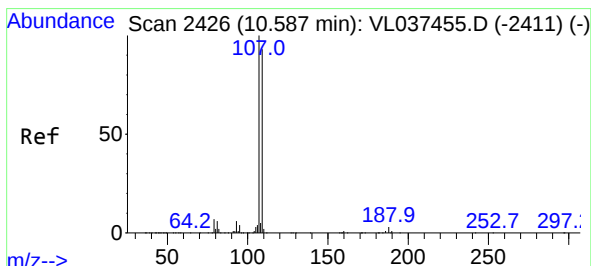
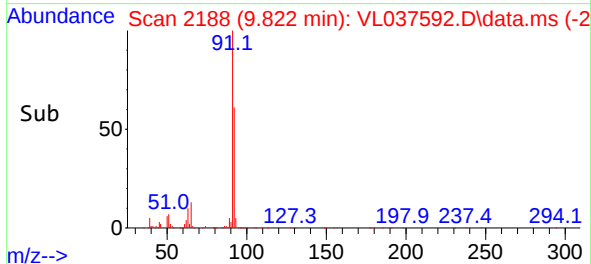
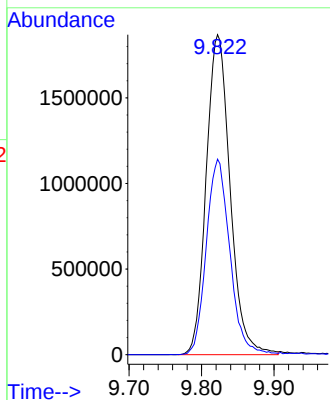
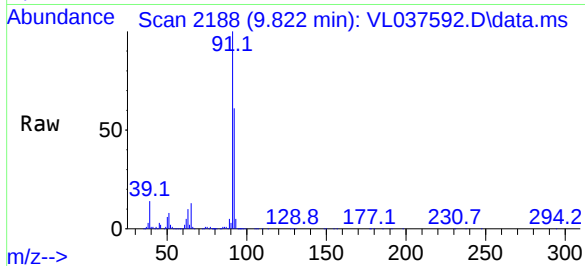
#53
Toluene
Concen: 9.209 ppbv
RT: 9.822 min Scan# 2188
Delta R.T. 0.039 min
Lab File: VL037592.D
Acq: 9 Sep 2021 4:37

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 91 Resp: 4278200
Ion Ratio Lower Upper
91 100
92 60.9 48.8 73.2

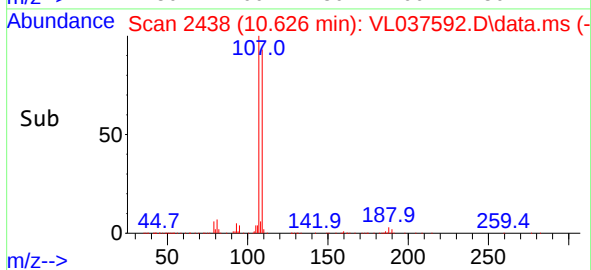
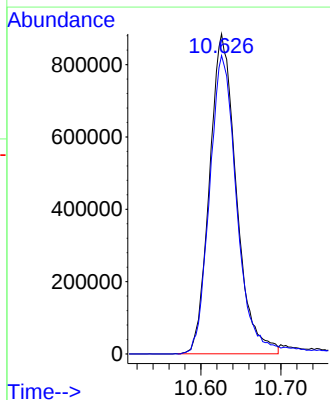
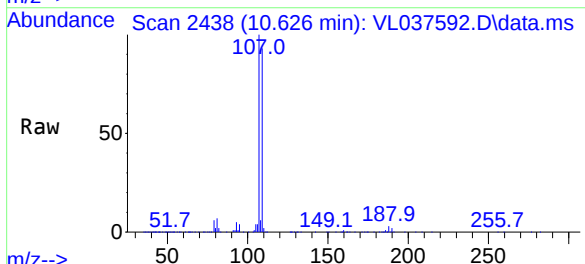
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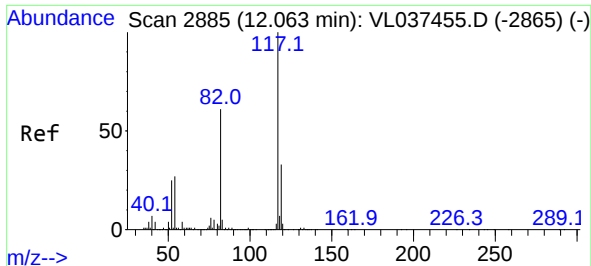
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#54
1,2-Dibromoethane
Concen: 8.714 ppbv
RT: 10.626 min Scan# 2438
Delta R.T. 0.039 min
Lab File: VL037592.D
Acq: 9 Sep 2021 4:37

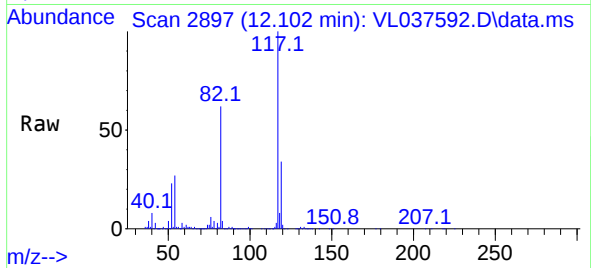
Tgt Ion: 107 Resp: 2054895
Ion Ratio Lower Upper
107 100
109 93.3 74.2 111.4





#55
Chlorobenzene-d5
Concen: 10.000 ppbv m
RT: 12.102 min Scan# 2897
Delta R.T. 0.039 min
Lab File: VL037592.D
Acq: 9 Sep 2021 4:37

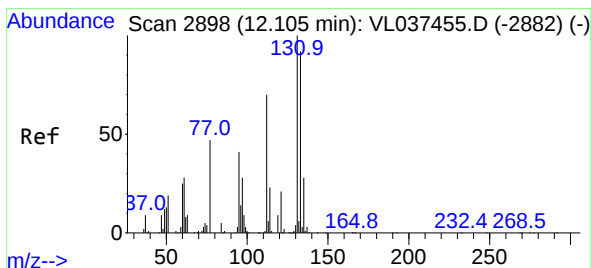
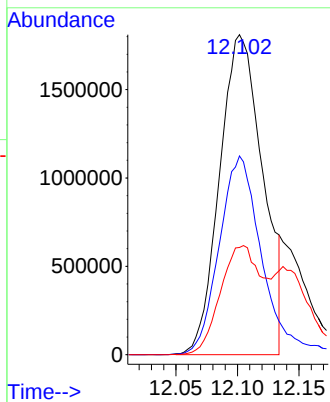
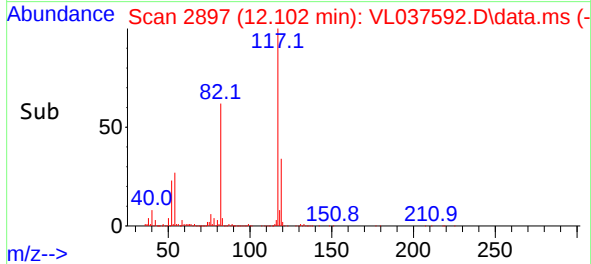
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



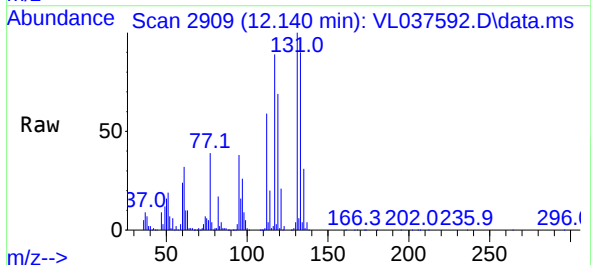
Tgt Ion:117 Resp: 4424347
Ion Ratio Lower Upper
117 100
82 64.9 52.9 79.3
119 57.9 24.8 37.2#

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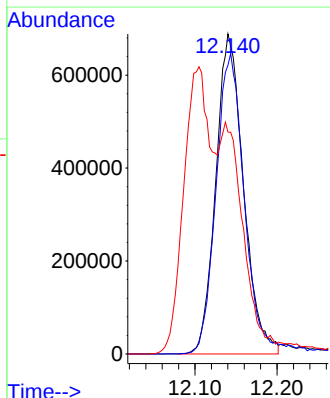
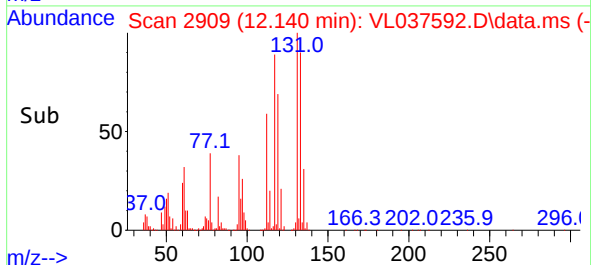
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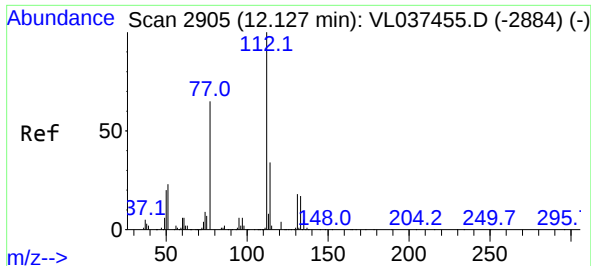


#56
1,1,1,2-Tetrachloroethane
Concen: 8.774 ppbv
RT: 12.140 min Scan# 2909
Delta R.T. 0.035 min
Lab File: VL037592.D
Acq: 9 Sep 2021 4:37



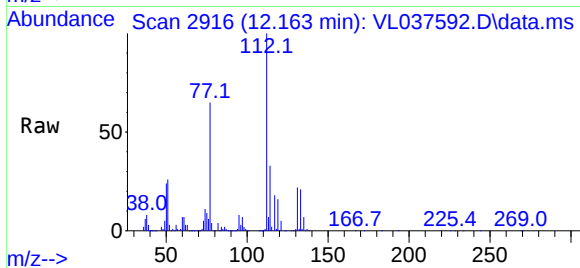
Tgt Ion:131 Resp: 1617543
Ion Ratio Lower Upper
131 100
133 98.7 78.7 118.1
119 159.7 56.6 85.0#





#57
Chlorobenzene
Concen: 8.454 ppbv
RT: 12.163 min Scan# 2916
Delta R.T. 0.035 min
Lab File: VL037592.D
Acq: 9 Sep 2021 4:37

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

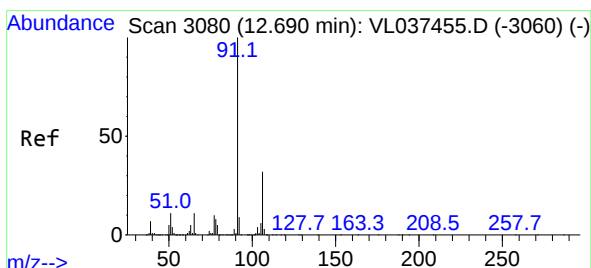
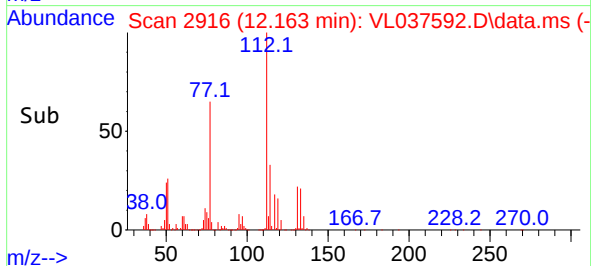
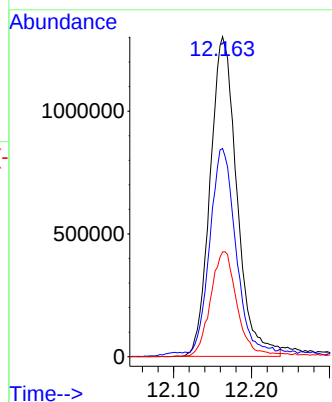


Tgt Ion: 112 Resp: 3103831

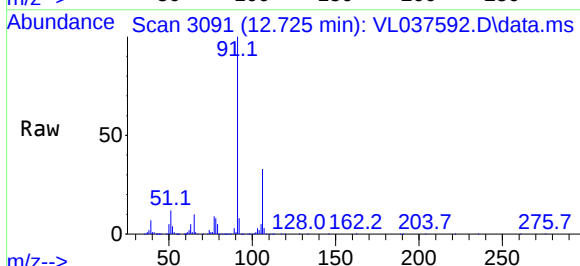
Ion	Ratio	Lower	Upper
112	100		
77	63.8	51.6	77.4
114	32.7	30.7	37.5

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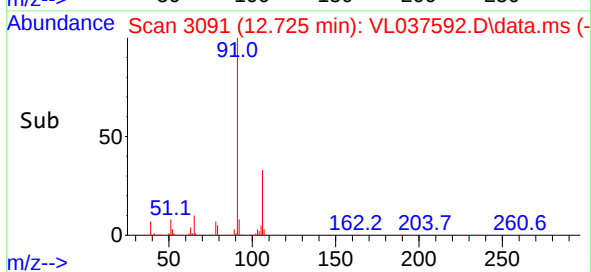
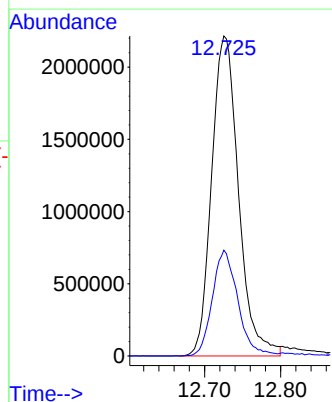


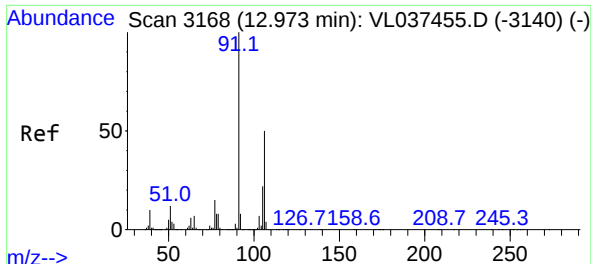
#58
Ethyl Benzene
Concen: 8.856 ppbv
RT: 12.725 min Scan# 3091
Delta R.T. 0.035 min
Lab File: VL037592.D
Acq: 9 Sep 2021 4:37



Tgt Ion: 91 Resp: 5437475

Ion	Ratio	Lower	Upper
91	100		
106	33.1	25.7	38.5





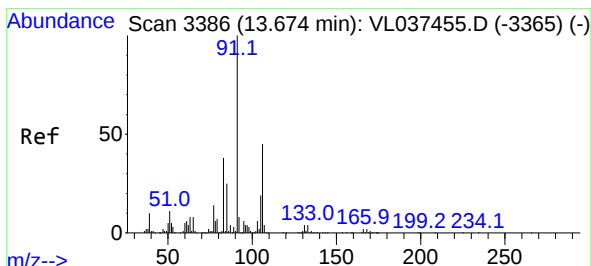
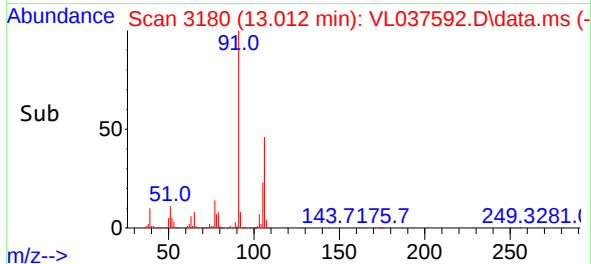
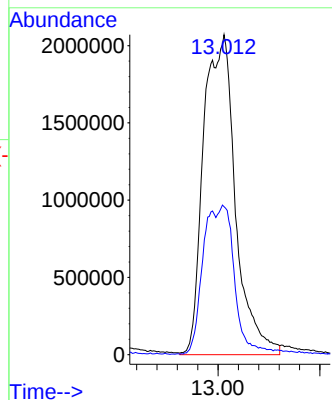
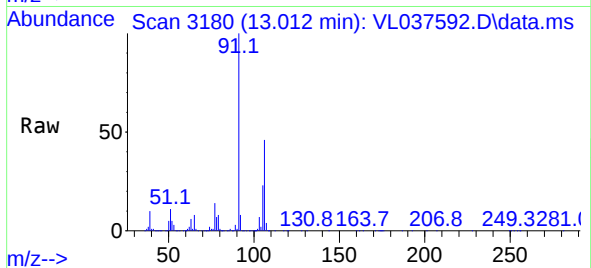
#59
m/p-Xylene
Concen: 16.922 ppbv m
RT: 13.012 min Scan# 3180
Delta R.T. 0.039 min
Lab File: VL037592.D
Acq: 9 Sep 2021 4:37

Tgt Ion: 91 Resp: 9007299
Ion Ratio Lower Upper
91 100
106 46.6 36.9 55.3

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

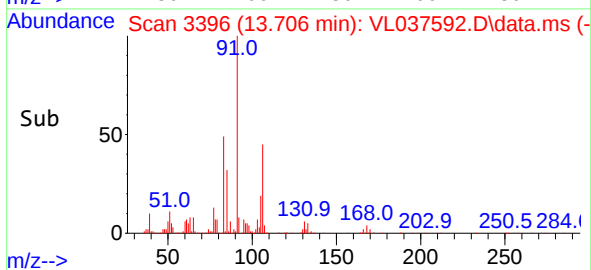
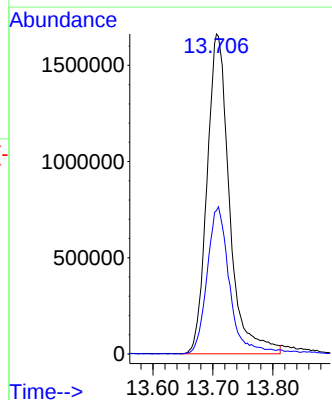
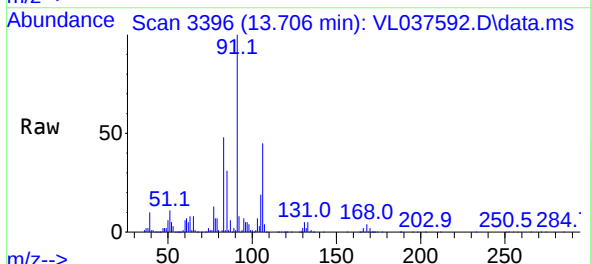
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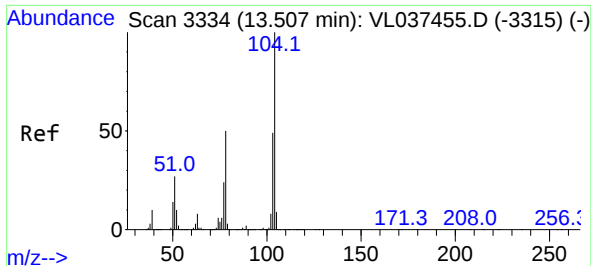
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#60
o-Xylene
Concen: 8.713 ppbv
RT: 13.706 min Scan# 3396
Delta R.T. 0.032 min
Lab File: VL037592.D
Acq: 9 Sep 2021 4:37

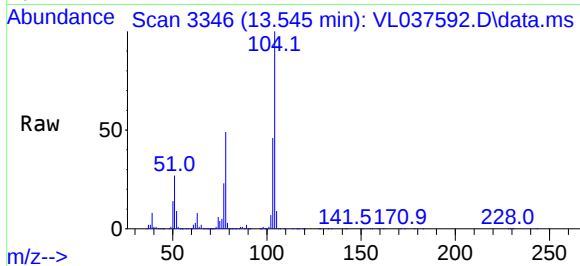
Tgt Ion: 91 Resp: 4328779
Ion Ratio Lower Upper
91 100
106 47.0 23.7 71.1





#61
Styrene
Concen: 8.993 ppbv
RT: 13.545 min Scan# 3346
Delta R.T. 0.039 min
Lab File: VL037592.D
Acq: 9 Sep 2021 4:37

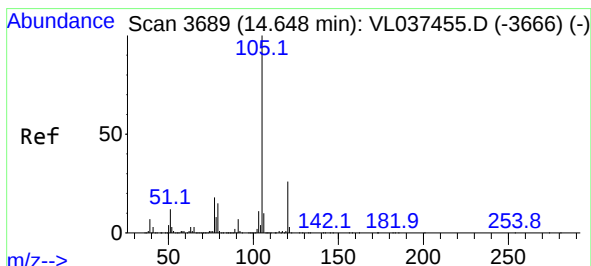
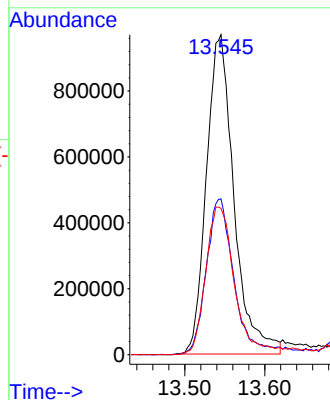
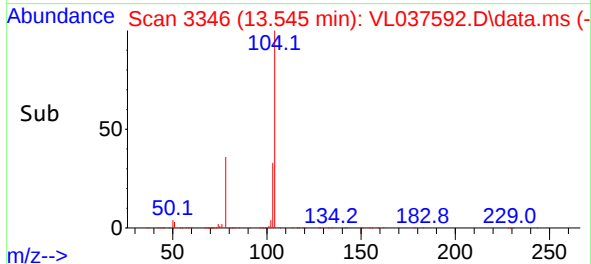
Instrument :
MSVOA_L
ClientSampleId :
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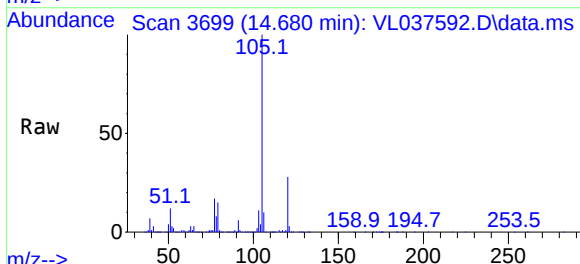
Tgt Ion:104 Resp: 2320749
Ion Ratio Lower Upper
104 100
78 50.7 41.3 61.9
103 50.3 39.4 59.0

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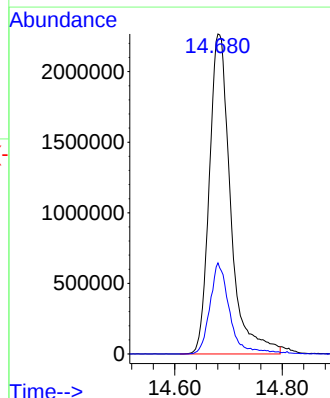
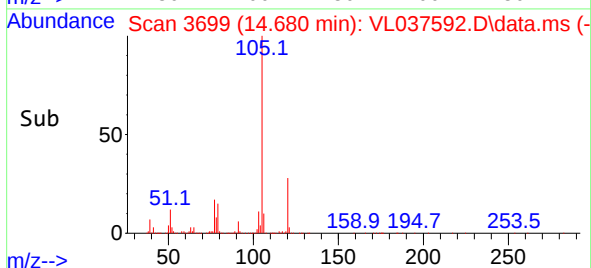
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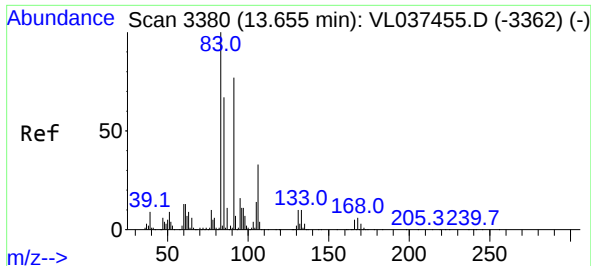


#62
Isopropylbenzene
Concen: 8.869 ppbv
RT: 14.680 min Scan# 3699
Delta R.T. 0.032 min
Lab File: VL037592.D
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Tgt Ion:105 Resp: 6218188
Ion Ratio Lower Upper
105 100
120 26.6 21.5 32.3





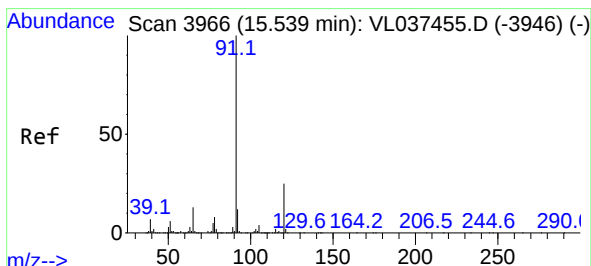
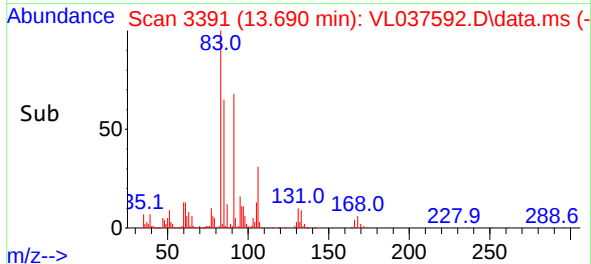
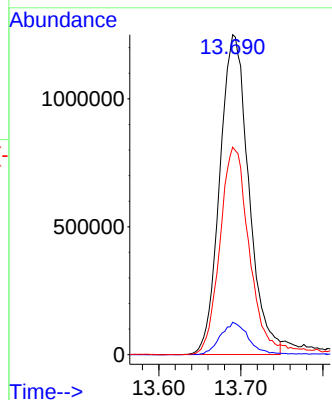
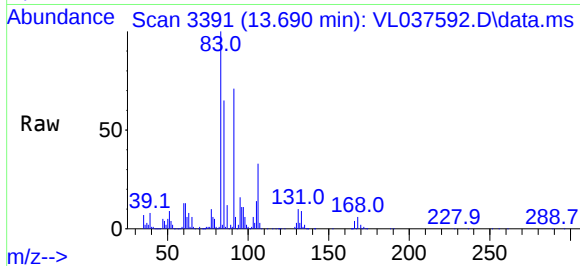
#63
1,1,2-Tetrachloroethane
Concen: 8.326 ppbv
RT: 13.690 min Scan# 3391
Delta R.T. 0.035 min
Lab File: VL037592.D
Acq: 9 Sep 2021 4:37

Tgt Ion: 83 Resp: 3074083
Ion Ratio Lower Upper
83 100
131 9.9 5.0 15.0
85 68.5 33.8 101.3

Instrument :
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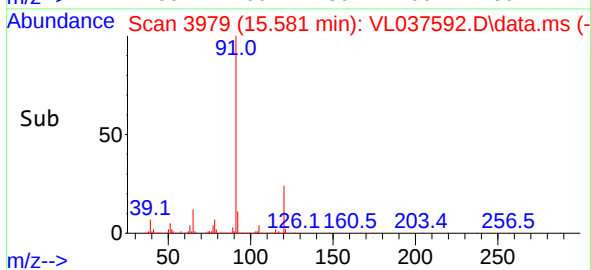
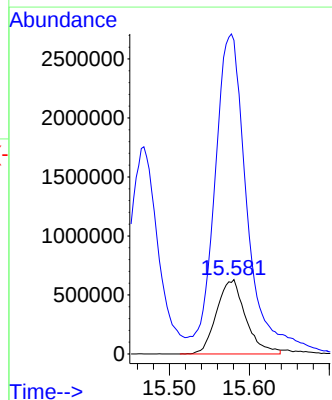
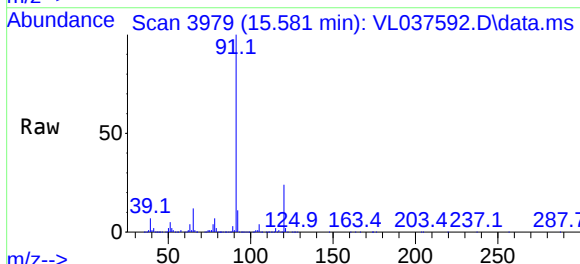
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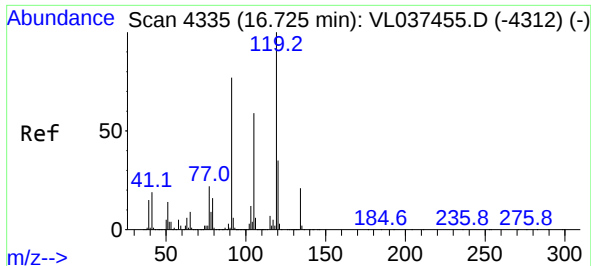
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#64
n-propylbenzene
Concen: 8.921 ppbv
RT: 15.581 min Scan# 3979
Delta R.T. 0.042 min
Lab File: VL037592.D
Acq: 9 Sep 2021 4:37

Tgt Ion: 120 Resp: 1591863
Ion Ratio Lower Upper
120 100
91 481.4 373.8 560.6





#65
tert-Butylbenzene
Concen: 8.436 ppbv
RT: 16.761 min Scan# 4346
Delta R.T. 0.035 min
Lab File: VL037592.D
Acq: 9 Sep 2021 4:37

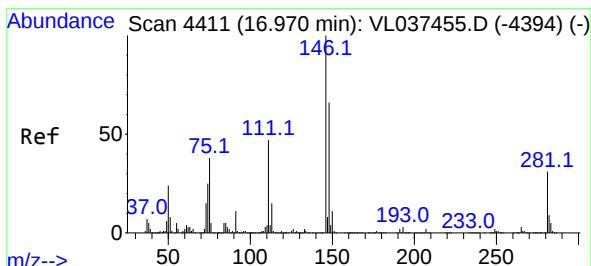
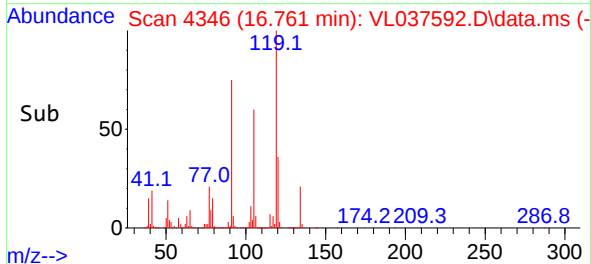
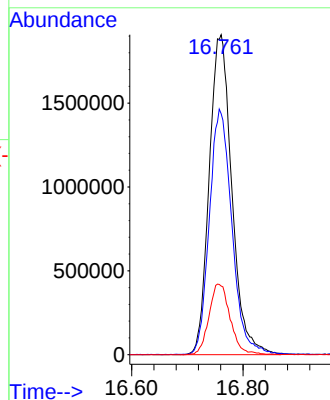
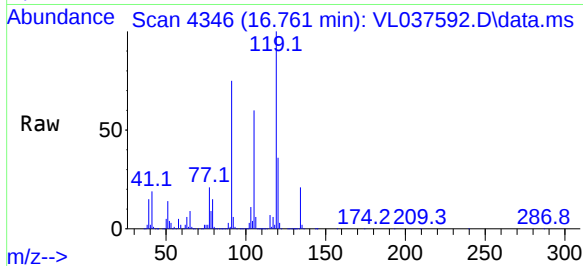
Tgt Ion: 119 Resp: 5387047

Ion	Ratio	Lower	Upper
119	100		
91	76.6	62.9	94.3
134	20.8	16.4	24.6

Instrument :
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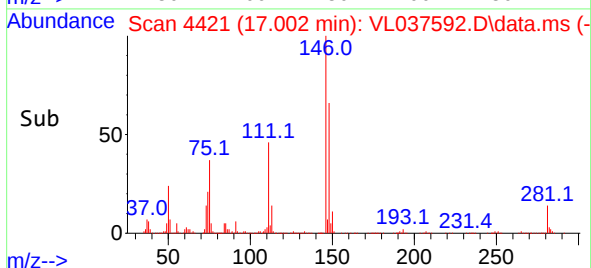
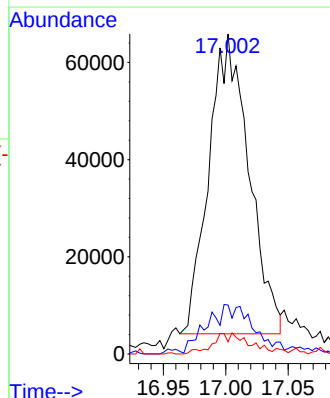
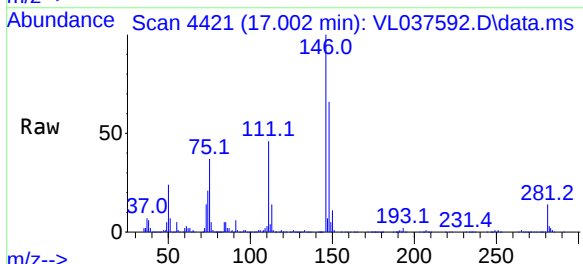
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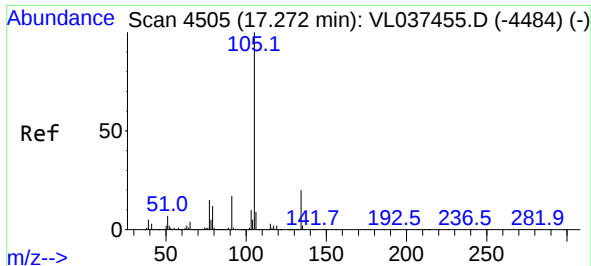


#66
Benzyl Chloride
Concen: 4.768 ppbv
RT: 17.002 min Scan# 4421
Delta R.T. 0.032 min
Lab File: VL037592.D
Acq: 9 Sep 2021 4:37

Tgt Ion: 91 Resp: 137719

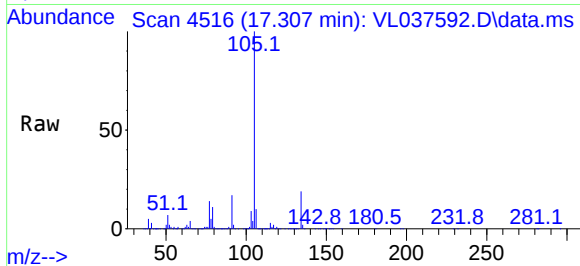
Ion	Ratio	Lower	Upper
91	100		
126	21.4	15.9	23.9
128	7.5	5.4	8.0





#67
 sec-Butylbenzene
 Concen: 8.389 ppbv
 RT: 17.307 min Scan# 4516
 Delta R.T. 0.035 min
 Lab File: VL037592.D
 Acq: 9 Sep 2021 4:37

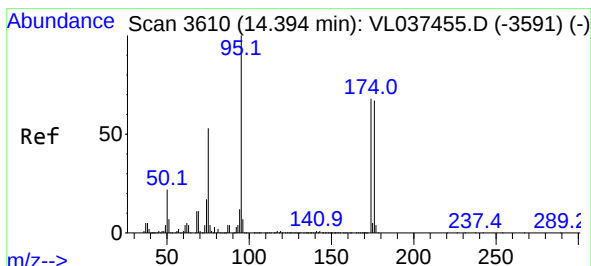
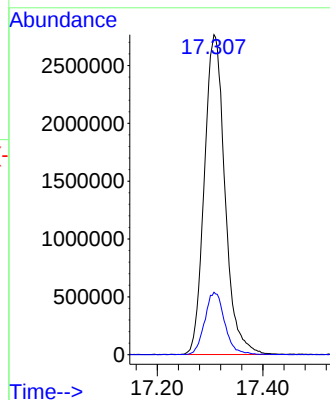
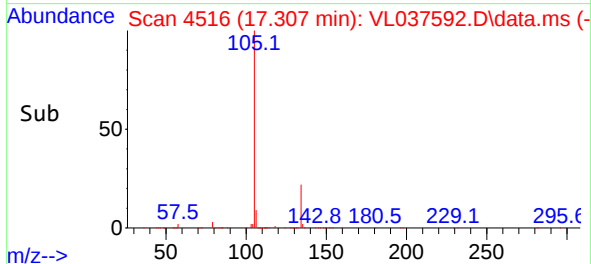
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC



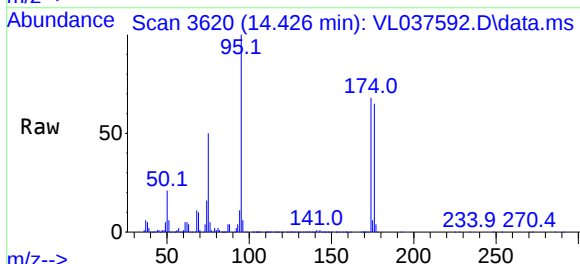
Tgt Ion:105 Resp: 7485065
 Ion Ratio Lower Upper
 105 100
 134 19.1 15.2 22.8

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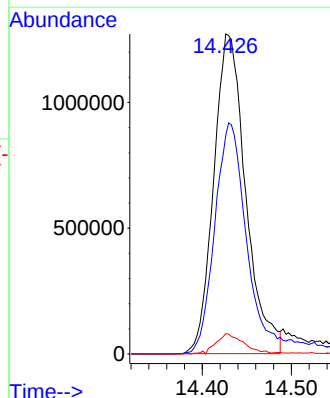
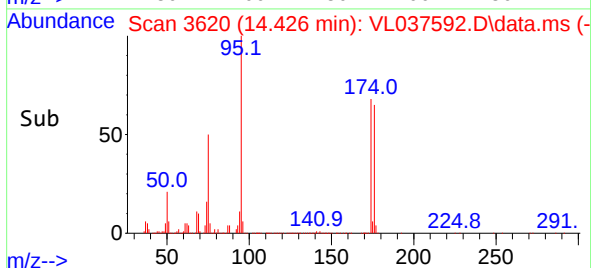
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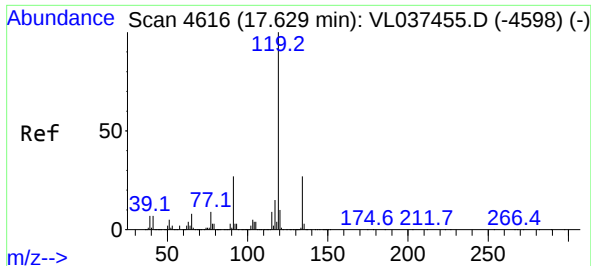


#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.094 ppbv
 RT: 14.426 min Scan# 3620
 Delta R.T. 0.032 min
 Lab File: VL037592.D
 Acq: 9 Sep 2021 4:37



Tgt Ion: 95 Resp: 3172665
 Ion Ratio Lower Upper
 95 100
 174 77.9 59.6 89.4
 175 6.1 4.6 7.0





#69
p-Isopropyltoluene
Concen: 8.683 ppbv
RT: 17.664 min Scan# 4627
Delta R.T. 0.035 min
Lab File: VL037592.D
Acq: 9 Sep 2021 4:37

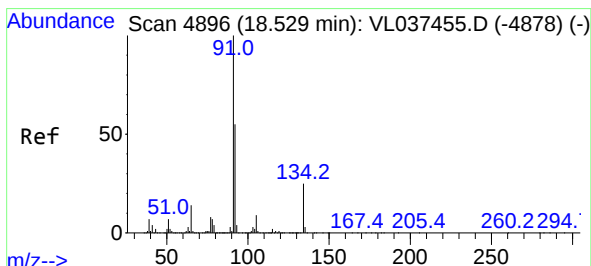
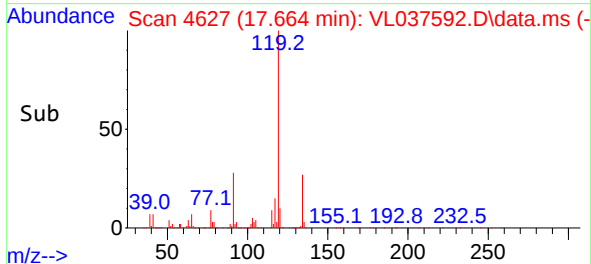
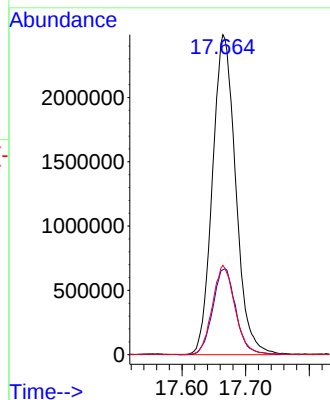
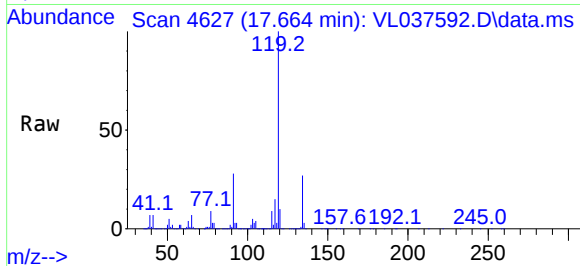
Tgt Ion: 119 Resp: 6312938

Ion	Ratio	Lower	Upper
119	100		
134	26.7	21.1	31.7
91	27.1	22.4	33.6

Instrument :
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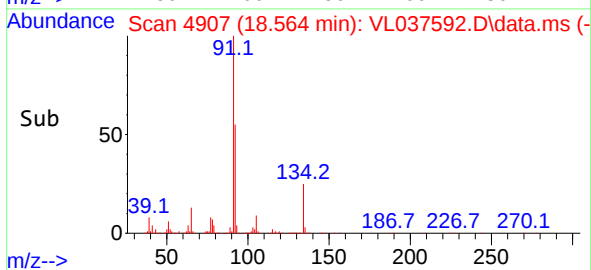
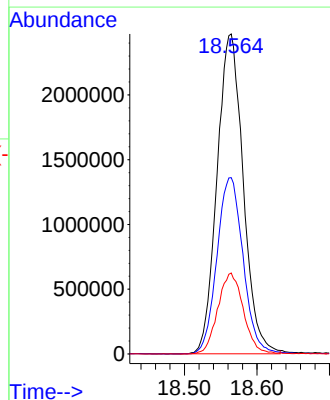
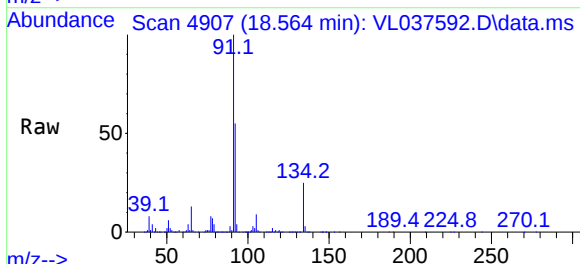
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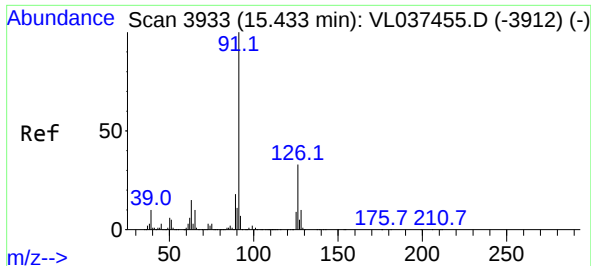


#70
n-Butylbenzene
Concen: 8.909 ppbv
RT: 18.564 min Scan# 4907
Delta R.T. 0.035 min
Lab File: VL037592.D
Acq: 9 Sep 2021 4:37

Tgt Ion: 91 Resp: 6190224

Ion	Ratio	Lower	Upper
91	100		
92	55.4	44.0	66.0
134	25.0	19.5	29.3





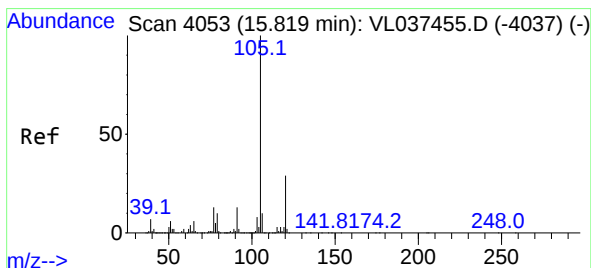
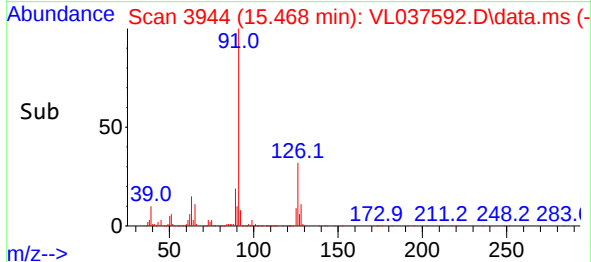
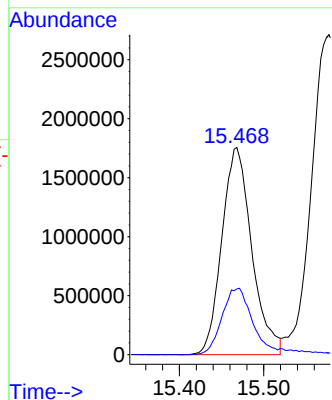
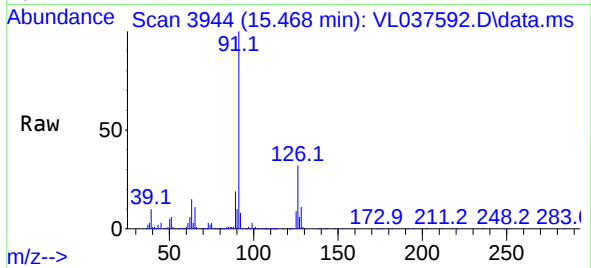
#71
2-Chlorotoluene
Concen: 8.430 ppbv
RT: 15.468 min Scan# 3944
Delta R.T. 0.035 min
Lab File: VL037592.D
Acq: 9 Sep 2021 4:37

Tgt Ion: 91 Resp: 4334275
Ion Ratio Lower Upper
91 100
126 35.2 13.6 54.4

Instrument :
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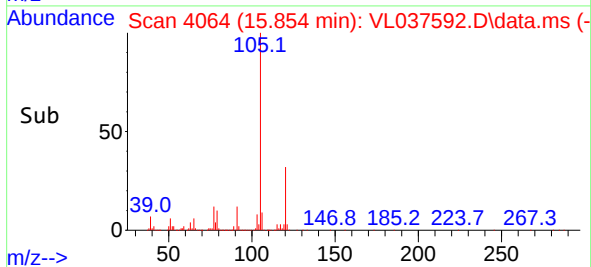
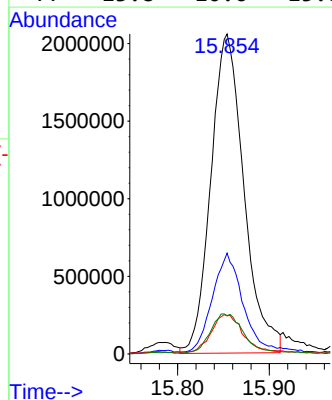
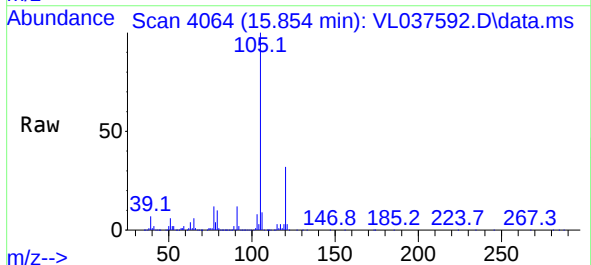
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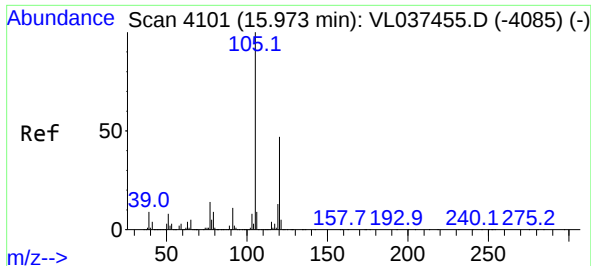
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#72
4-Ethyltoluene
Concen: 8.713 ppbv
RT: 15.854 min Scan# 4064
Delta R.T. 0.035 min
Lab File: VL037592.D
Acq: 9 Sep 2021 4:37

Tgt Ion: 105 Resp: 5148532
Ion Ratio Lower Upper
105 100
120 30.8 24.7 37.1
91 11.7 9.8 14.8
77 13.8 10.6 15.8





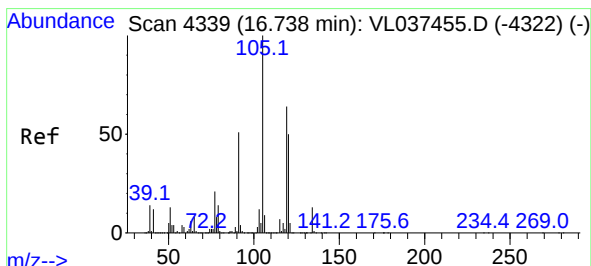
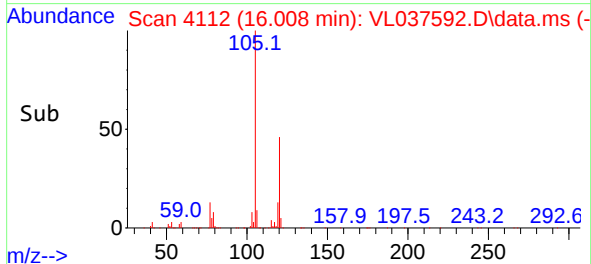
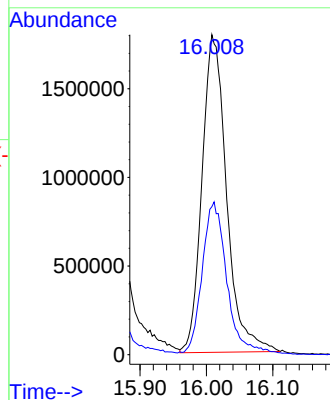
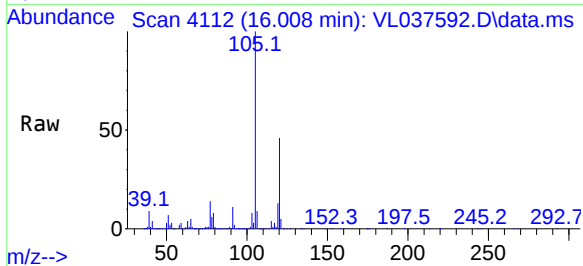
#73
1,3,5-Trimethylbenzene
Concen: 8.393 ppbv
RT: 16.008 min Scan# 4112
Delta R.T. 0.035 min
Lab File: VL037592.D
Acq: 9 Sep 2021 4:37

Tgt Ion:105 Resp: 4616360
Ion Ratio Lower Upper
105 100
120 46.1 37.6 56.4

Instrument :
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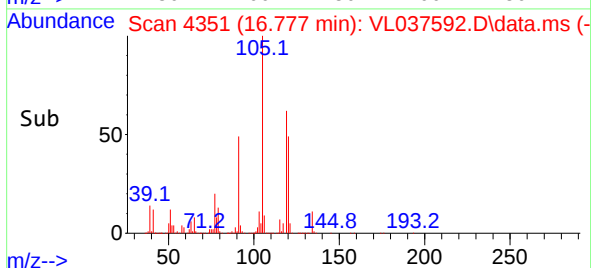
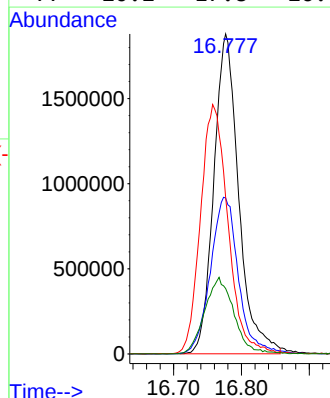
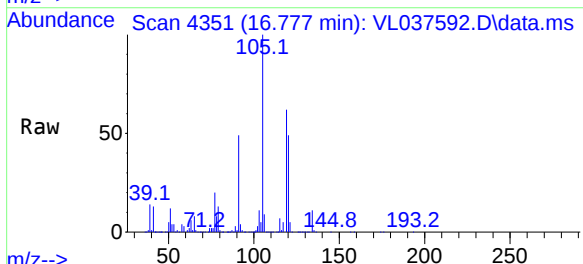
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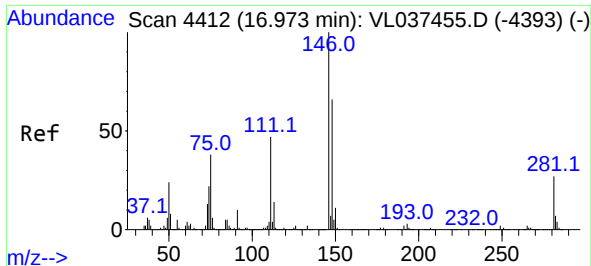
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#74
1,2,4-Trimethylbenzene
Concen: 8.176 ppbv
RT: 16.777 min Scan# 4351
Delta R.T. 0.039 min
Lab File: VL037592.D
Acq: 9 Sep 2021 4:37

Tgt Ion:105 Resp: 4779156
Ion Ratio Lower Upper
105 100
120 48.6 40.4 60.6
91 48.2 44.6 67.0
77 20.2 17.8 26.6





#75
1,3-Dichlorobenzene
Concen: 8.740 ppbv
RT: 17.008 min Scan# 4423
Delta R.T. 0.035 min
Lab File: VL037592.D
Acq: 9 Sep 2021 4:37

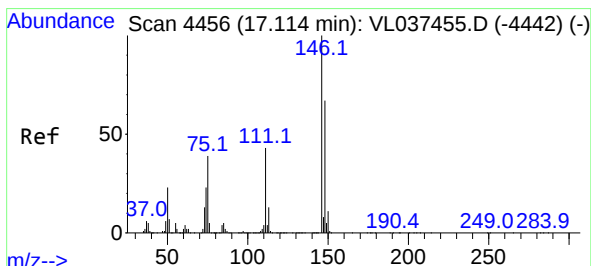
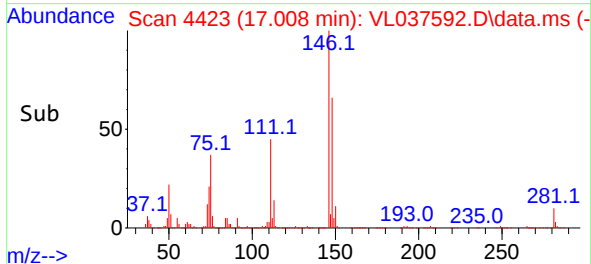
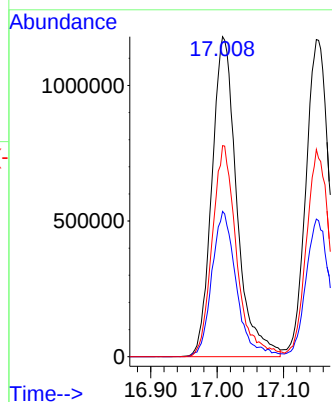
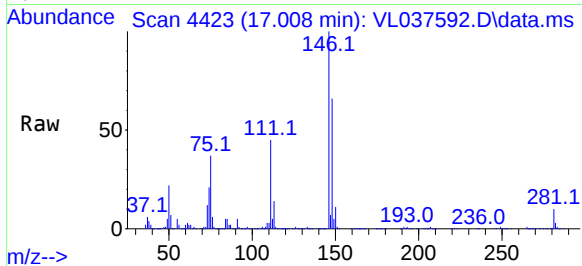
Tgt Ion:146 Resp: 3075033

Ion	Ratio	Lower	Upper
146	100		
111	44.7	23.4	70.0
148	64.8	33.1	99.5

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

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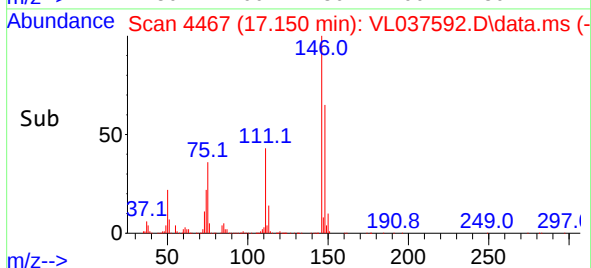
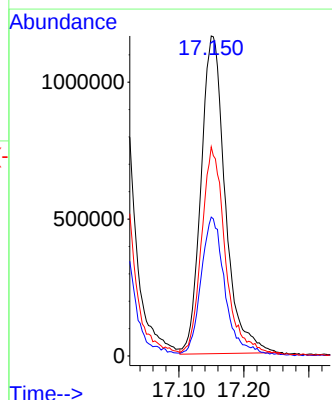
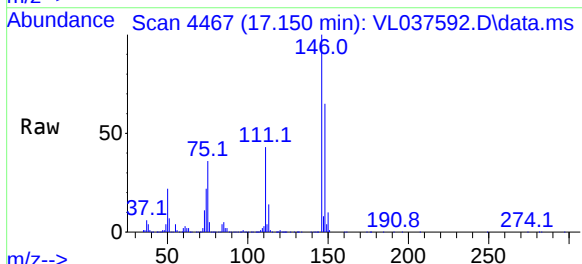
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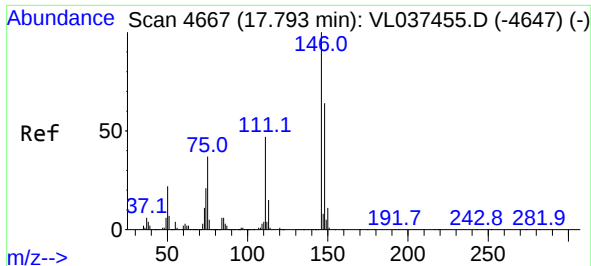


#76
1,4-Dichlorobenzene
Concen: 8.501 ppbv
RT: 17.150 min Scan# 4467
Delta R.T. 0.035 min
Lab File: VL037592.D
Acq: 9 Sep 2021 4:37

Tgt Ion:146 Resp: 3013108

Ion	Ratio	Lower	Upper
146	100		
111	43.4	22.1	66.5
148	65.5	32.4	97.0





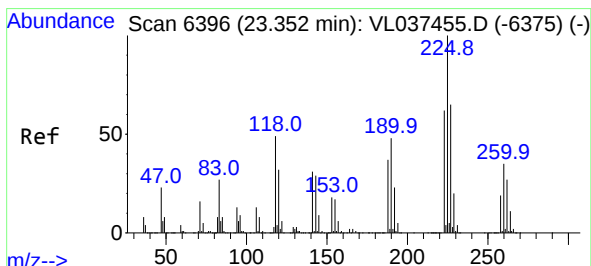
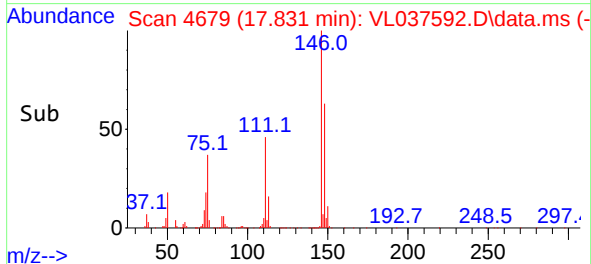
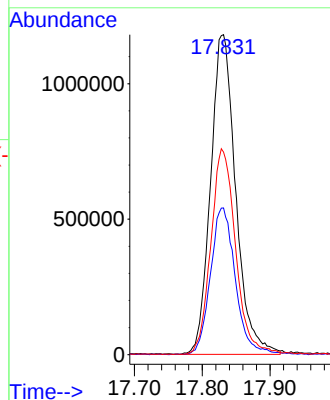
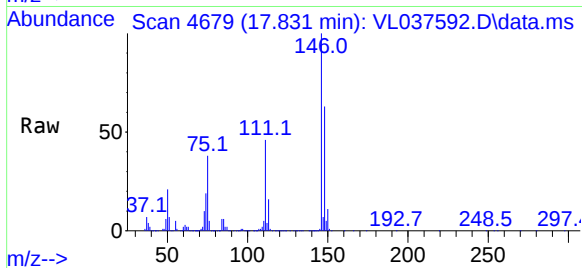
#77
1,2-Dichlorobenzene
Concen: 8.776 ppbv
RT: 17.831 min Scan# 4679
Delta R.T. 0.039 min
Lab File: VL037592.D
Acq: 9 Sep 2021 4:37

Tgt Ion:146 Resp: 3040400
Ion Ratio Lower Upper
146 100
111 46.0 23.4 70.3
148 63.5 32.5 97.5

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

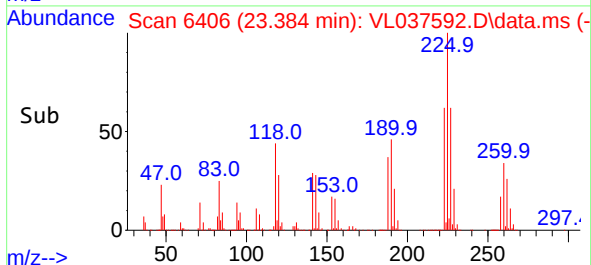
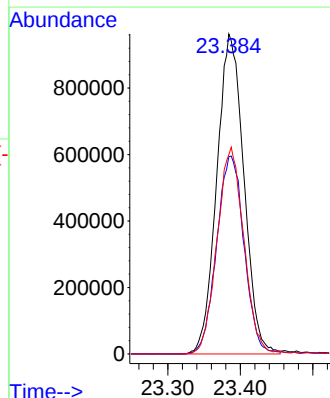
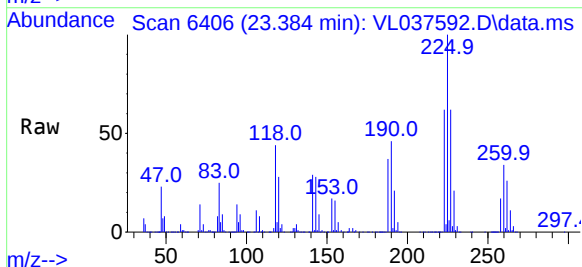
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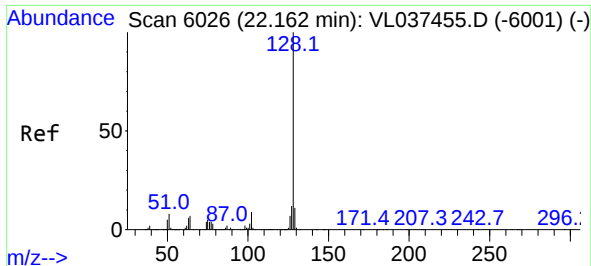
MMDadoda
9/10/2021 10:53:43 AM



#78
Hexachloro-1,3-Butadiene
Concen: 8.661 ppbv
RT: 23.384 min Scan# 6406
Delta R.T. 0.032 min
Lab File: VL037592.D
Acq: 9 Sep 2021 4:37

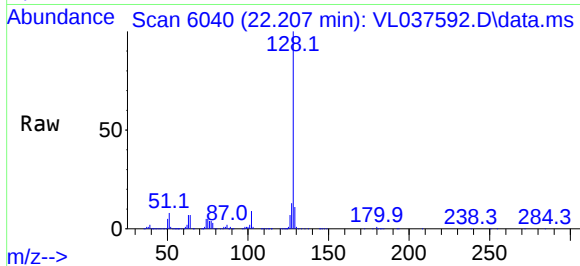
Tgt Ion:225 Resp: 2494686
Ion Ratio Lower Upper
225 100
223 63.3 51.4 77.0
227 64.5 52.9 79.3





#79
Naphthalene
Concen: 10.948 ppbv
RT: 22.207 min Scan# 6040
Delta R.T. 0.045 min
Lab File: VL037592.D
Acq: 9 Sep 2021 4:37

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

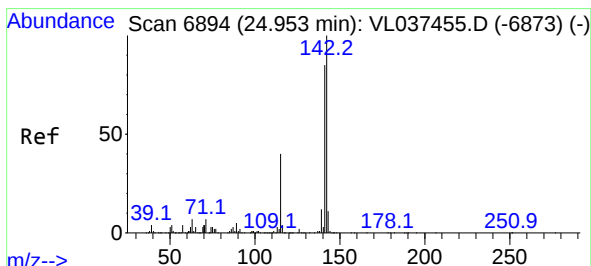
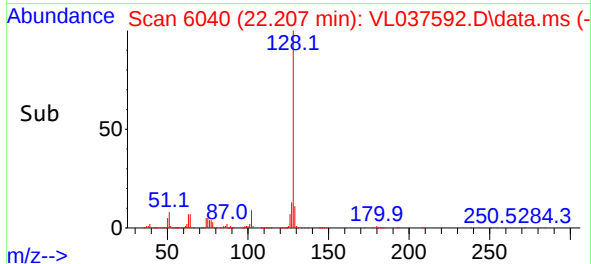
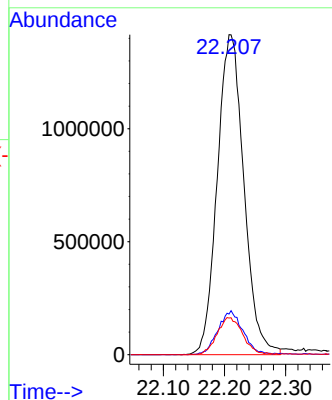


Tgt Ion:128 Resp: 4282303

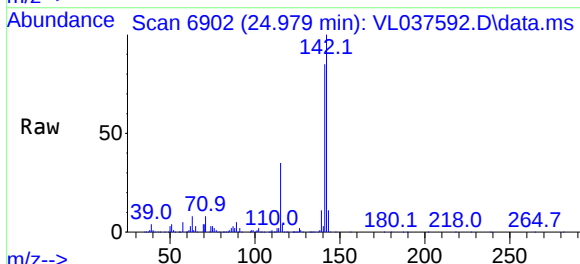
Ion	Ratio	Lower	Upper
128	100		
127	12.7	9.4	14.2
129	11.4	8.8	13.2

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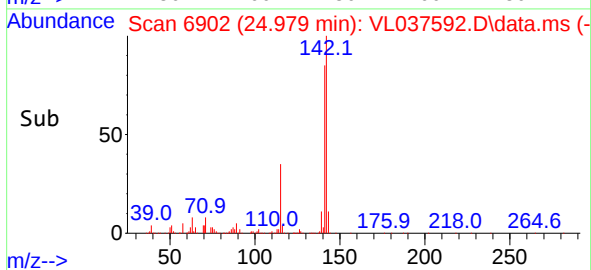
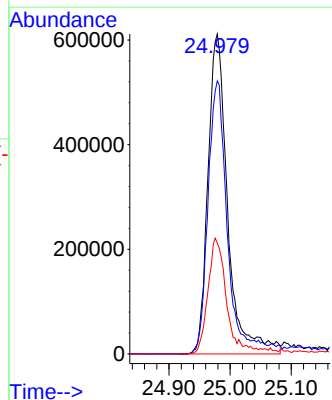


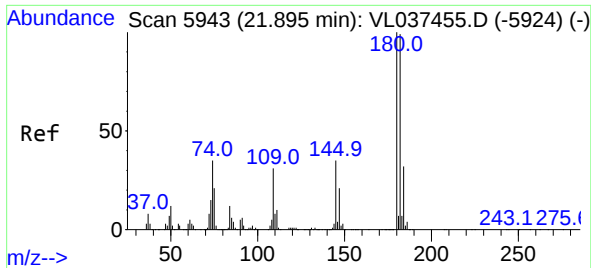
#80
Naphthalene,2-methyl-
Concen: 12.593 ppbv
RT: 24.979 min Scan# 6902
Delta R.T. 0.026 min
Lab File: VL037592.D
Acq: 9 Sep 2021 4:37



Tgt Ion:142 Resp: 1372287

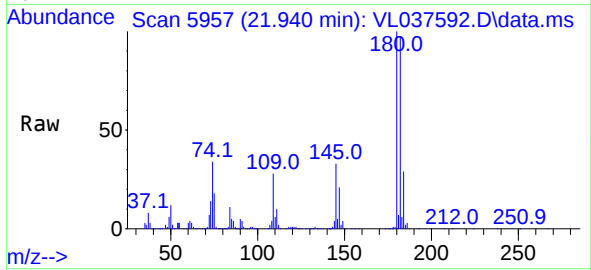
Ion	Ratio	Lower	Upper
142	100		
141	90.1	64.7	97.1
115	35.6	28.4	42.6





#81
 1,2,4-Trichlorobenzene
 Concen: 10.435 ppbv
 RT: 21.940 min Scan# 5957
 Delta R.T. 0.045 min
 Lab File: VL037592.D
 Acq: 9 Sep 2021 4:37

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC



Tgt Ion:180 Resp: 2561314

Ion	Ratio	Lower	Upper
180	100		
182	97.3	79.6	119.4
184	30.3	25.4	38.2

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