

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL110724\
 Data File : VL041674.D
 Acq On : 7 Nov 2024 10:15
 Operator : SY/MD
 Sample : VSTDICCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICCC010

Quant Time: Nov 08 00:09:03 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL110724AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Fri Nov 08 00:07:44 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.188	49	1170802	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.651	114	3260349	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.465	117	3837595	10.000	ppbv	0.00

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.773	95	2380541	8.388	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	83.900%

Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.726	85	2208753	10.438	ppbv	100
3) Chlorodifluoromethane	2.671	51	1393427	9.135	ppbv	100
4) Chloromethane	2.809	50	760160	9.408	ppbv	100
5) Vinyl Chloride	2.915	62	732442	10.005	ppbv	100
6) Bromomethane	3.115	94	371242	9.628	ppbv	100
7) Chloroethane	3.192	64	260602	9.824	ppbv	100
8) Dichlorotetrafluoroethane	2.851	85	1728631	9.151	ppbv	100
9) Propene	2.690	41	619994	9.327	ppbv	100
10) Heptane	7.577	43	1534950	10.305	ppbv	100
11) Trichlorofluoromethane	3.555	101	1732857	9.401	ppbv	100
12) 1,1,2-Trichlorotrifluo...	4.060	101	1257722	9.388	ppbv	100
13) Ethanol	3.246	45	28737	6.950	ppbv	90
14) Bromoethene	3.362	108	504428	9.366	ppbv	100
15) Acetone	3.462	43	1285781	8.923	ppbv	100
16) 1,3-Butadiene	2.980	39	734062	10.160	ppbv	100
17) tert-Butyl alcohol	3.873	59	1215299	9.611	ppbv	100
18) 1,1-Dichloroethene	3.873	96	557278	9.484	ppbv	100
19) Isopropyl Alcohol	3.571	45	646252	9.266	ppbv	100
20) Methylene Chloride	3.928	84	468549	8.837	ppbv	100
21) Allyl Chloride	3.992	41	888517	9.979	ppbv	100
22) trans-1,2-Dichloroethene	4.442	96	566347	9.660	ppbv	100
23) Vinyl Acetate	4.623	43	602236	8.886	ppbv	100
24) 1,1-Dichloroethane	4.558	63	1223224	9.380	ppbv	100
25) Ethyl Acetate	5.201	43	2883606	9.668	ppbv	100
26) Hexane	5.208	57	1130877	9.869	ppbv	100
27) Carbon Disulfide	4.118	76	1374259	10.675	ppbv	100
28) Methyl tert-Butyl Ether	4.581	73	670928	9.092	ppbv	100
29) Chloroform	5.269	83	1779347	9.407	ppbv	100
30) Cyclohexane	6.597	84	965390	10.487	ppbv	100
31) cis-1,2-Dichloroethene	5.076	61	1095423	9.937	ppbv	100
32) 1,1,1-Trichloroethane	5.999	97	1742198	10.047	ppbv	100
34) 2-Butanone	4.780	43	1559421	9.606	ppbv	100
35) Carbon Tetrachloride	6.491	117	1838964	10.670	ppbv	100
36) Benzene	6.365	78	2404772	9.955	ppbv	100
37) 1,2-Dichloroethane	5.803	62	1331275	9.768	ppbv	100
38) Trichloroethene	7.288	130	986911	10.594	ppbv	100
39) 1,2-Dichloropropane	7.073	63	927055	9.711	ppbv	100
40) 1,4-Dioxane	7.282	88	361524	10.691	ppbv	100
41) Tetrahydrofuran	5.552	42	961227	10.379	ppbv	100
42) Bromodichloromethane	7.246	83	1922752	10.153	ppbv	100
43) Methyl Methacrylate	7.471	69	939057	11.071	ppbv	100
44) 2,2,4-Trimethylpentane	7.323	57	4079001	9.968	ppbv	100
45) t-1,3-Dichloropropene	8.706	75	920537	12.141	ppbv	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL110724\
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 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

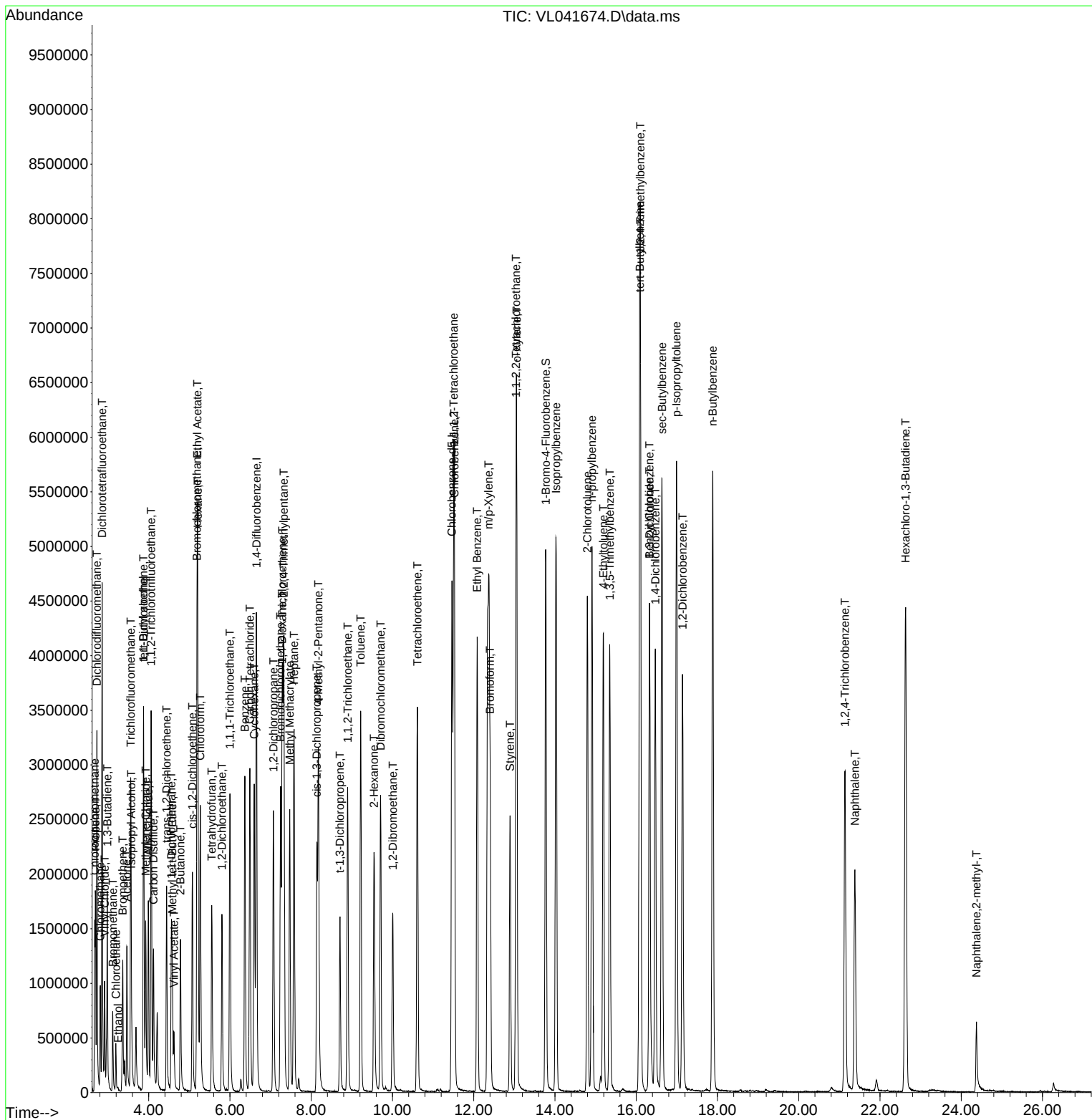
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICCC010

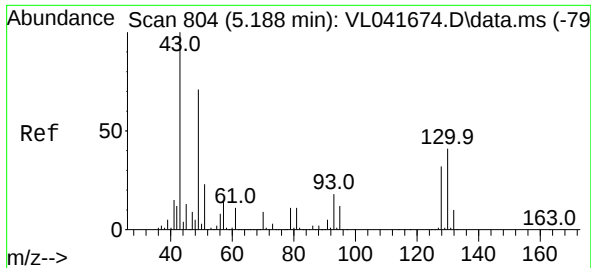
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 Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Fri Nov 08 00:07:44 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.140	75	1257121	11.408	ppbv	100
47) 1,1,2-Trichloroethane	8.896	97	1003150	9.746	ppbv	100
48) Dibromochloromethane	9.709	129	1679053	10.690	ppbv	100
49) Bromoform	12.404	173	1497222	11.174	ppbv	100
50) 4-Methyl-2-Pentanone	8.179	43	2628657	10.544	ppbv	100
51) 2-Hexanone	9.548	43	2043690	11.281	ppbv	100
52) Tetrachloroethene	10.616	164	899580	10.893	ppbv	100
53) Toluene	9.217	91	2787590	10.973	ppbv	100
54) 1,2-Dibromoethane	10.008	107	1353490	11.262	ppbv	100
56) 1,1,1,2-Tetrachloroethane	11.507	131	1266326	7.924	ppbv	100
57) Chlorobenzene	11.526	112	2237328	7.821	ppbv	100
58) Ethyl Benzene	12.085	91	3795372	8.928	ppbv	100
59) m/p-Xylene	12.368	91	4050379	10.651	ppbv #	58
60) o-Xylene	13.056	91	3148609	8.672	ppbv	100
61) Styrene	12.896	104	1515741	10.115	ppbv	100
62) Isopropylbenzene	14.027	105	4647017	8.291	ppbv	100
63) 1,1,2,2-Tetrachloroethane	13.043	83	2194609	8.302	ppbv	100
64) n-propylbenzene	14.912	120	1256955	8.577	ppbv	100
65) tert-Butylbenzene	16.088	119	4162243	8.263	ppbv	100
66) Benzyl Chloride	16.326	91	359794	9.917	ppbv	100
67) sec-Butylbenzene	16.635	105	5857608	8.251	ppbv	100
69) p-Isopropyltoluene	16.992	119	4920309	8.569	ppbv	100
70) n-Butylbenzene	17.882	91	5021145	8.531	ppbv	100
71) 2-Chlorotoluene	14.796	91	3508288	8.656	ppbv	100
72) 4-Ethyltoluene	15.191	105	3763123	8.925	ppbv	100
73) 1,3,5-Trimethylbenzene	15.349	105	3217635	8.703	ppbv	100
74) 1,2,4-Trimethylbenzene	16.104	105	3563067	8.285	ppbv	100
75) 1,3-Dichlorobenzene	16.326	146	2192903	8.255	ppbv	100
76) 1,4-Dichlorobenzene	16.471	146	2144446	8.216	ppbv	100
77) 1,2-Dichlorobenzene	17.140	146	2138612	8.107	ppbv	100
78) Hexachloro-1,3-Butadiene	22.631	225	1409325	6.753	ppbv	100
79) Naphthalene	21.384	128	2767333	10.463	ppbv	100
80) Naphthalene,2-methyl-	24.374	142	466005	9.497	ppbv	100
81) 1,2,4-Trichlorobenzene	21.136	180	1415249	8.603	ppbv	100

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

Quant Time: Nov 08 00:09:03 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL110724AIR.M
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Response via : Initial Calibration

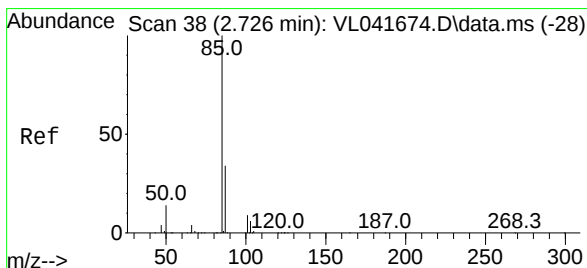
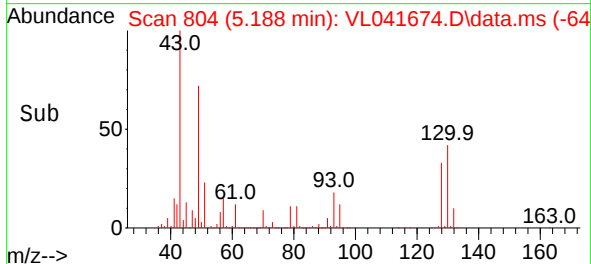
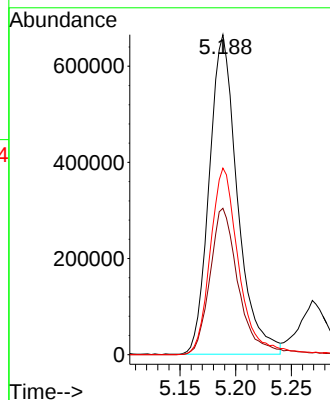
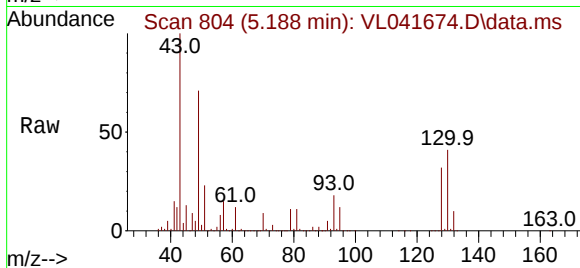




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.188 min Scan# 804
Delta R.T. 0.000 min
Lab File: VL041674.D
Acq: 7 Nov 2024 10:15

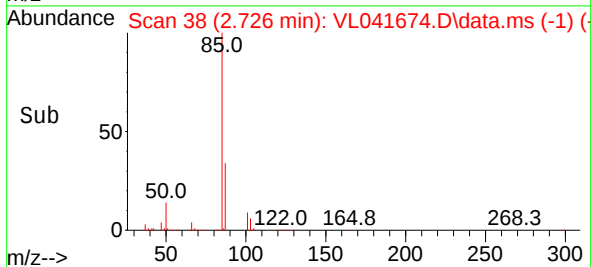
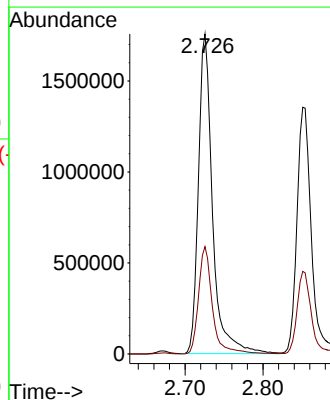
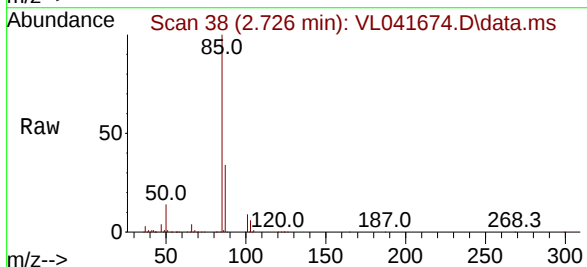
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MSVOA_L
ClientSampleId :
VSTDICCC010

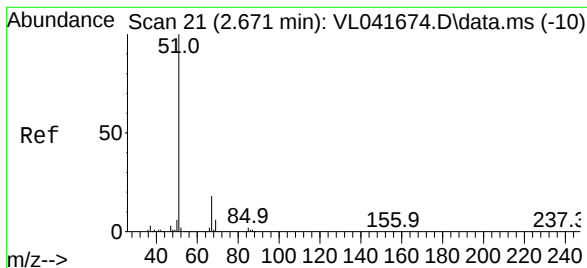
Tgt Ion: 49 Resp: 1170802
Ion Ratio Lower Upper
49 100
128 47.5 23.8 71.2
130 60.3 30.1 90.5



#2
Dichlorodifluoromethane
Concen: 10.438 ppbv
RT: 2.726 min Scan# 38
Delta R.T. 0.000 min
Lab File: VL041674.D
Acq: 7 Nov 2024 10:15

Tgt Ion: 85 Resp: 2208753
Ion Ratio Lower Upper
85 100
87 33.5 26.8 40.2

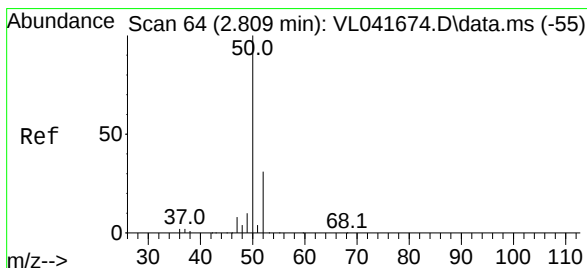
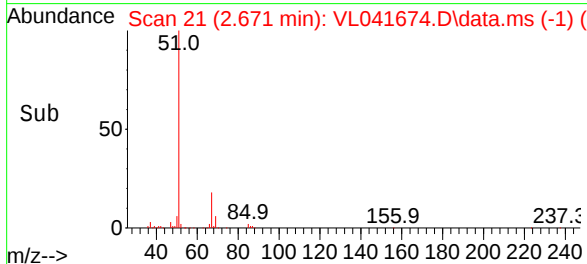
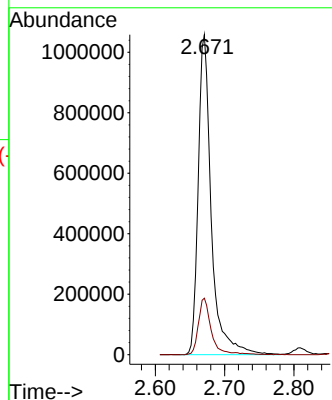
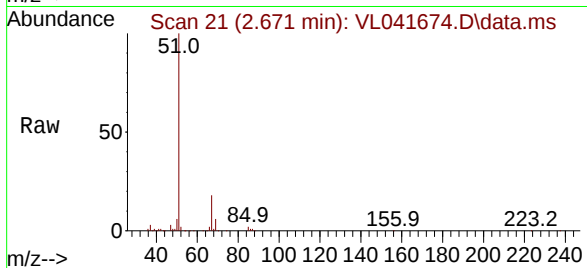




#3
Chlorodifluoromethane
Concen: 9.135 ppbv
RT: 2.671 min Scan# 21
Delta R.T. 0.000 min
Lab File: VL041674.D
Acq: 7 Nov 2024 10:15

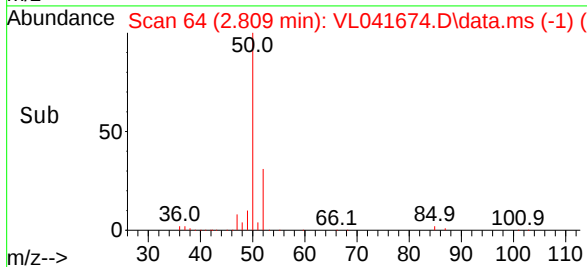
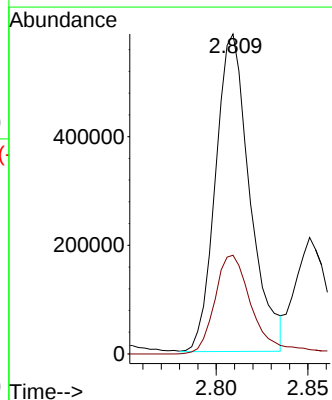
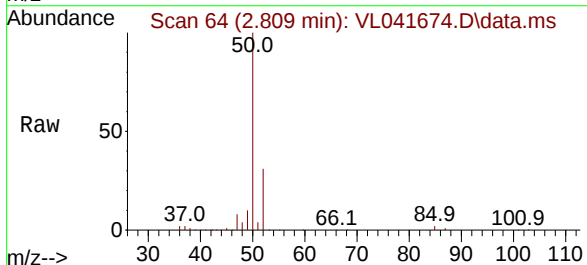
Instrument :
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ClientSampleId :
VSTDICCC010

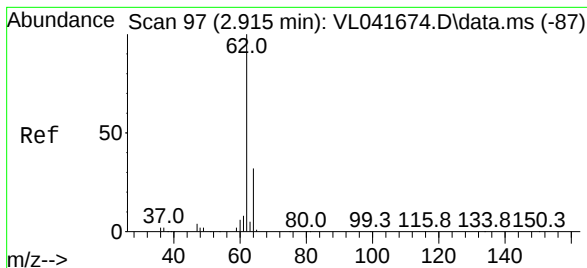
Tgt Ion: 51 Resp: 1393427
Ion Ratio Lower Upper
51 100
67 17.4 13.9 20.9



#4
Chloromethane
Concen: 9.408 ppbv
RT: 2.809 min Scan# 64
Delta R.T. 0.000 min
Lab File: VL041674.D
Acq: 7 Nov 2024 10:15

Tgt Ion: 50 Resp: 760160
Ion Ratio Lower Upper
50 100
52 31.1 24.9 37.3

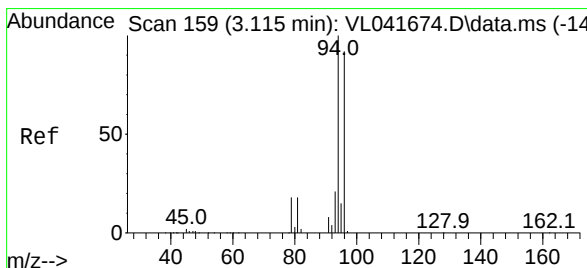
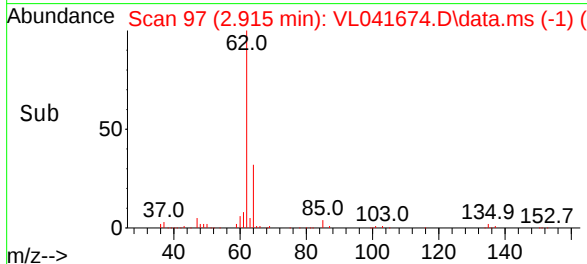
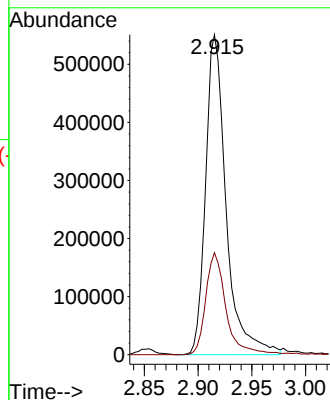
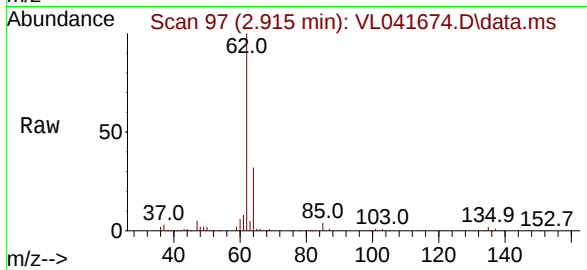




#5
 Vinyl Chloride
 Concen: 10.005 ppbv
 RT: 2.915 min Scan# 91
 Delta R.T. 0.000 min
 Lab File: VL041674.D
 Acq: 7 Nov 2024 10:15

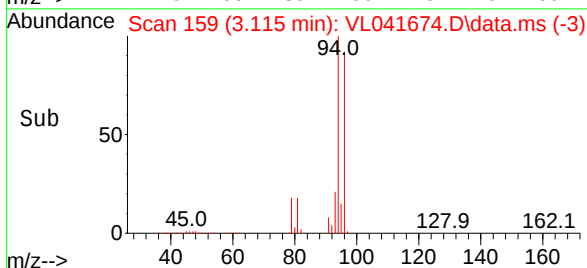
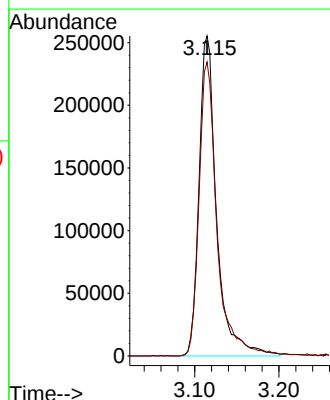
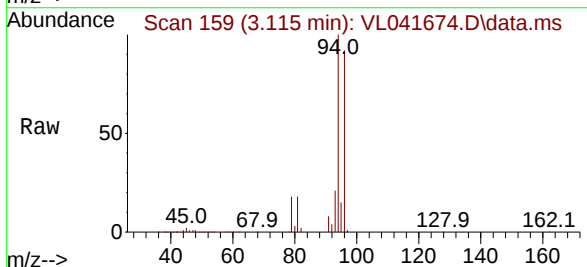
Instrument :
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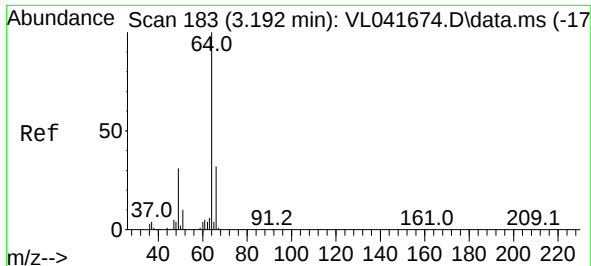
Tgt Ion: 62 Resp: 732442
 Ion Ratio Lower Upper
 62 100
 64 31.8 25.4 38.2



#6
 Bromomethane
 Concen: 9.628 ppbv
 RT: 3.115 min Scan# 159
 Delta R.T. 0.000 min
 Lab File: VL041674.D
 Acq: 7 Nov 2024 10:15

Tgt Ion: 94 Resp: 371242
 Ion Ratio Lower Upper
 94 100
 96 91.8 73.4 110.2

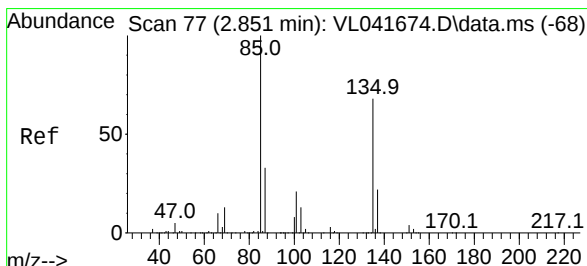
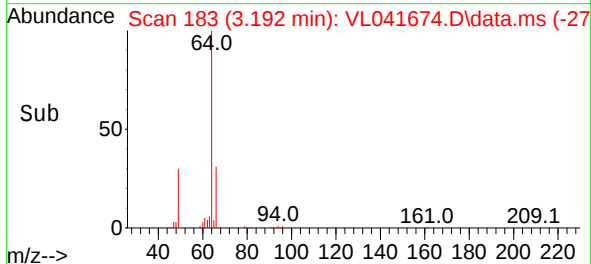
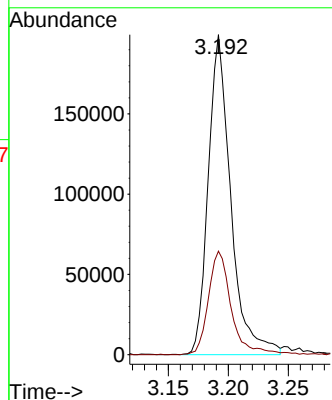
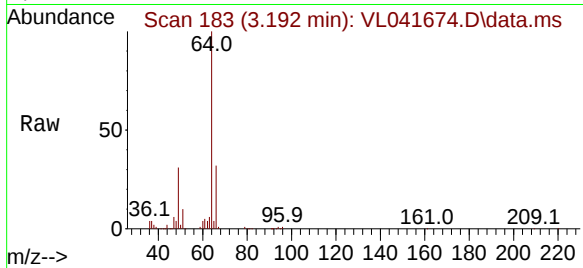




#7
Chloroethane
Concen: 9.824 ppbv
RT: 3.192 min Scan# 11
Delta R.T. 0.000 min
Lab File: VL041674.D
Acq: 7 Nov 2024 10:15

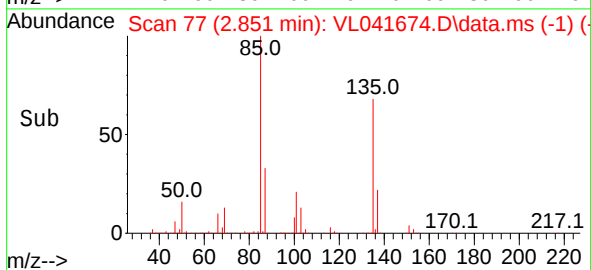
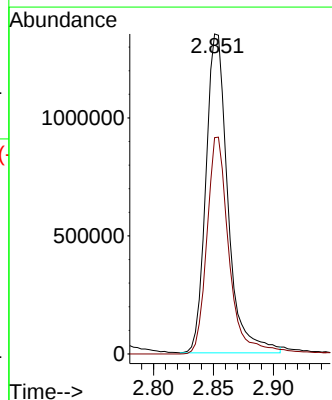
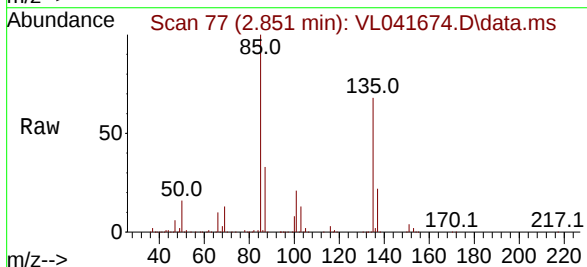
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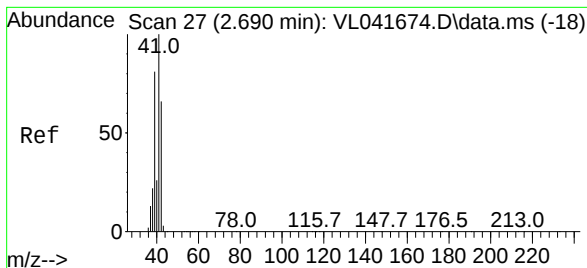
Tgt Ion: 64 Resp: 260602
Ion Ratio Lower Upper
64 100
66 32.4 25.9 38.9



#8
Dichlorotetrafluoroethane
Concen: 9.151 ppbv
RT: 2.851 min Scan# 77
Delta R.T. 0.000 min
Lab File: VL041674.D
Acq: 7 Nov 2024 10:15

Tgt Ion: 85 Resp: 1728631
Ion Ratio Lower Upper
85 100
135 69.4 55.5 83.3





#9

Propene

Concen: 9.327 ppbv

RT: 2.690 min Scan# 21

Delta R.T. 0.000 min

Lab File: VL041674.D

Acq: 7 Nov 2024 10:15

Instrument :

MSVOA_L

ClientSampleId :

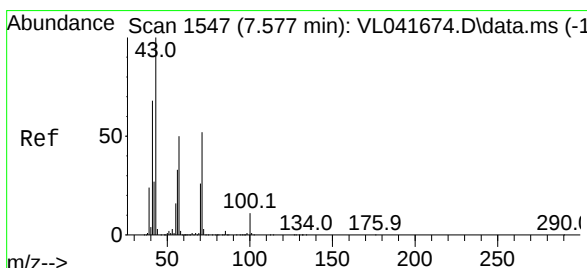
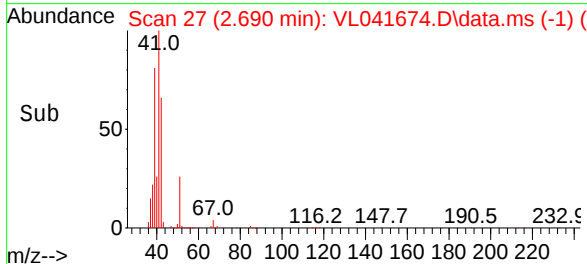
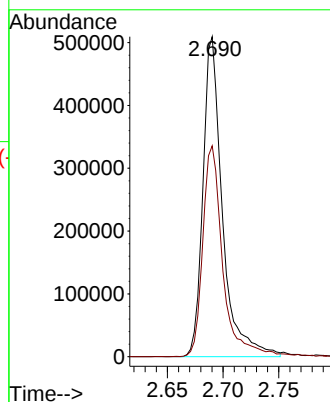
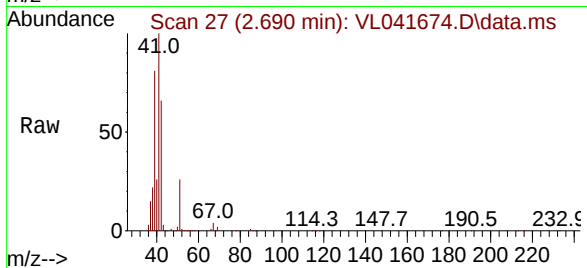
VSTDICCC010

Tgt Ion: 41 Resp: 619994

Ion Ratio Lower Upper

41 100

42 68.7 55.0 82.4



#10

Heptane

Concen: 10.305 ppbv

RT: 7.577 min Scan# 1547

Delta R.T. 0.000 min

Lab File: VL041674.D

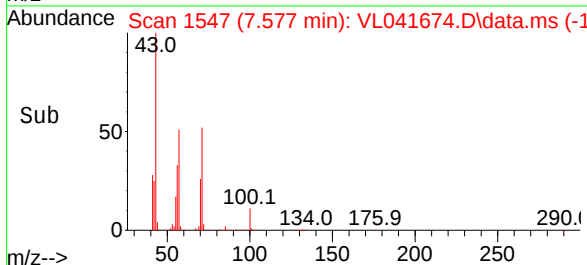
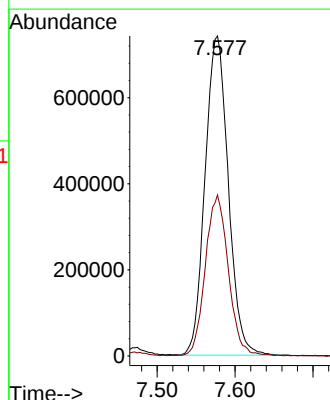
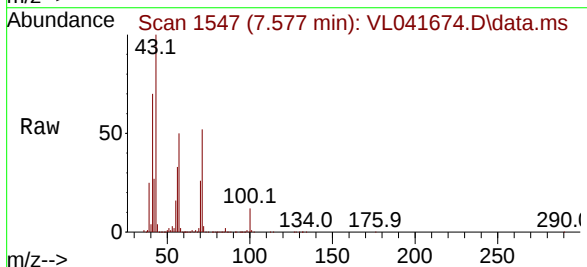
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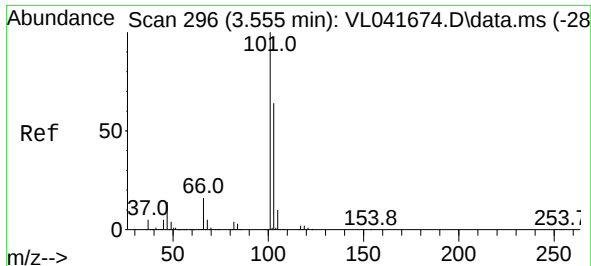
Tgt Ion: 43 Resp: 1534950

Ion Ratio Lower Upper

43 100

57 50.0 40.0 60.0

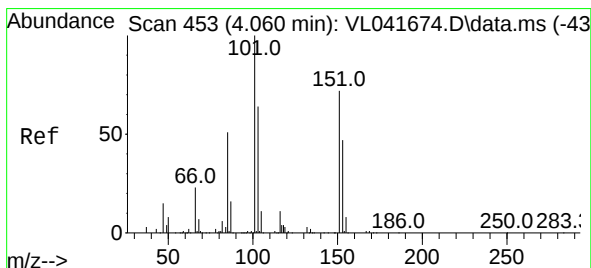
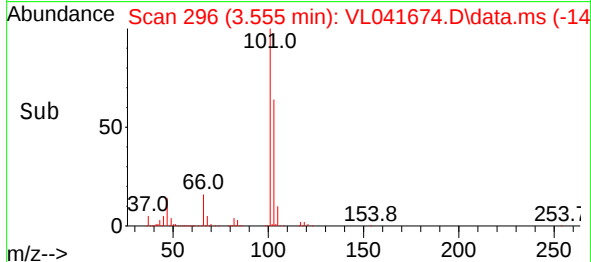
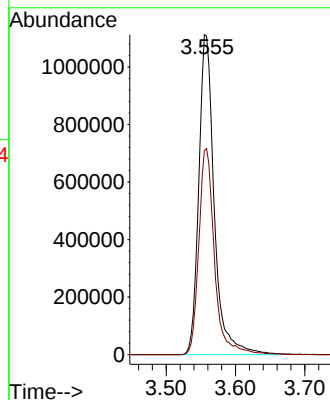
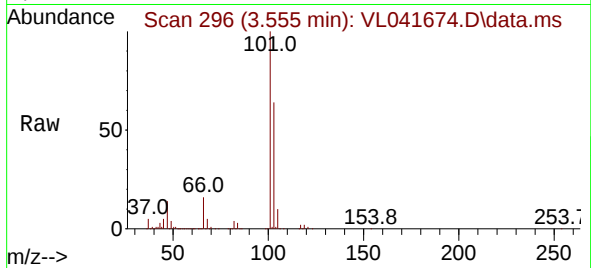




#11
 Trichlorofluoromethane
 Concen: 9.401 ppbv
 RT: 3.555 min Scan# 296
 Delta R.T. 0.000 min
 Lab File: VL041674.D
 Acq: 7 Nov 2024 10:15

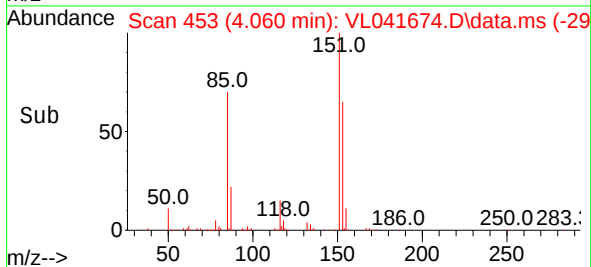
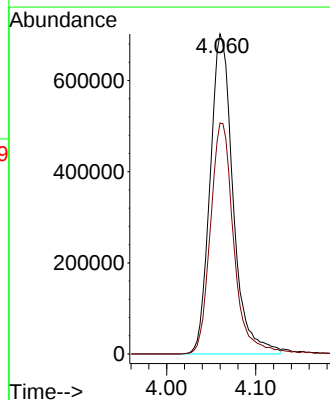
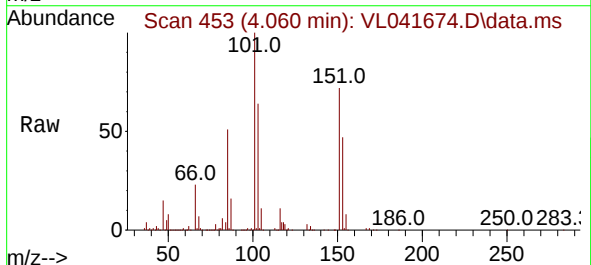
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICCC010

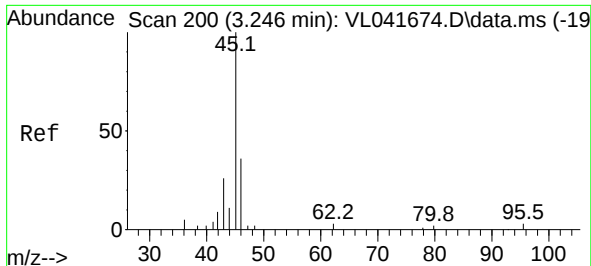
Tgt Ion:101 Resp: 1732857
 Ion Ratio Lower Upper
 101 100
 103 63.8 51.0 76.6



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 9.388 ppbv
 RT: 4.060 min Scan# 453
 Delta R.T. 0.000 min
 Lab File: VL041674.D
 Acq: 7 Nov 2024 10:15

Tgt Ion:101 Resp: 1257722
 Ion Ratio Lower Upper
 101 100
 151 73.9 59.1 88.7

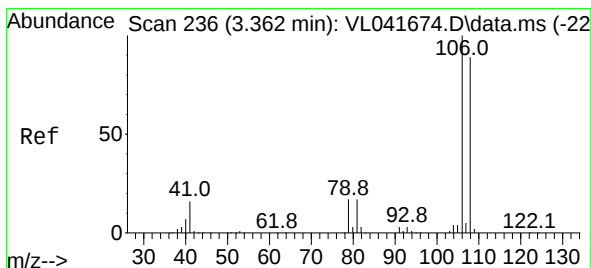
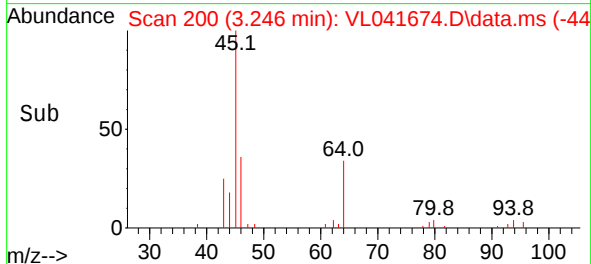
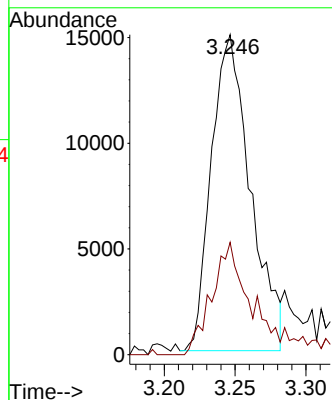
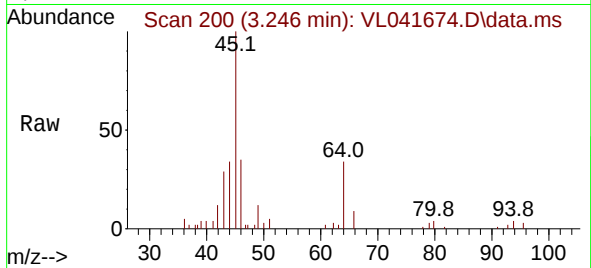




#13
Ethanol
Concen: 6.950 ppbv
RT: 3.246 min Scan# 200
Delta R.T. 0.000 min
Lab File: VL041674.D
Acq: 7 Nov 2024 10:15

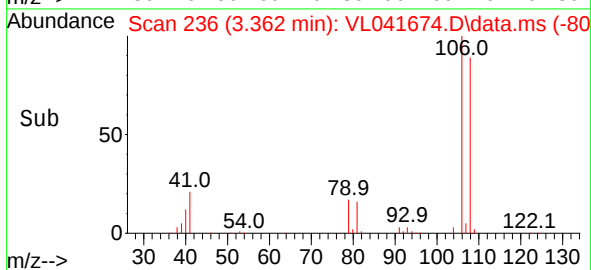
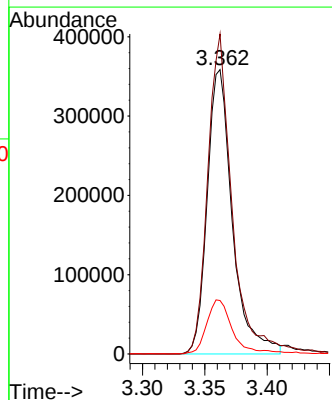
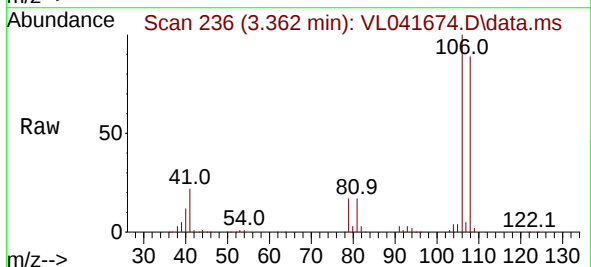
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

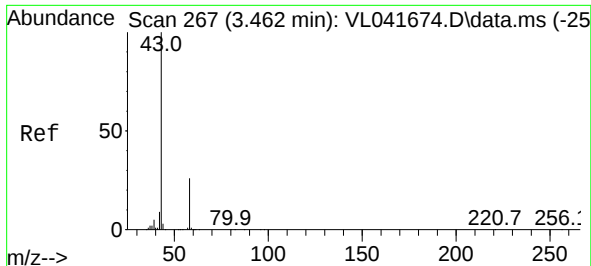
Tgt Ion: 45 Resp: 28737
Ion Ratio Lower Upper
45 100
46 40.5 13.8 55.2



#14
Bromoethene
Concen: 9.366 ppbv
RT: 3.362 min Scan# 236
Delta R.T. 0.000 min
Lab File: VL041674.D
Acq: 7 Nov 2024 10:15

Tgt Ion:108 Resp: 504428
Ion Ratio Lower Upper
108 100
106 110.8 88.6 133.0
79 19.5 15.6 23.4

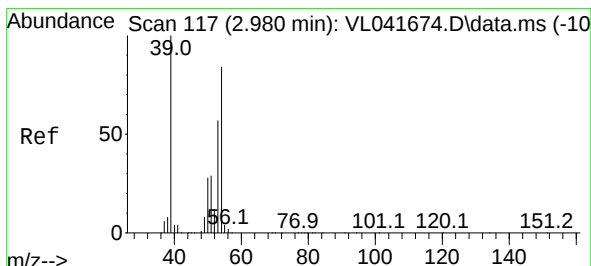
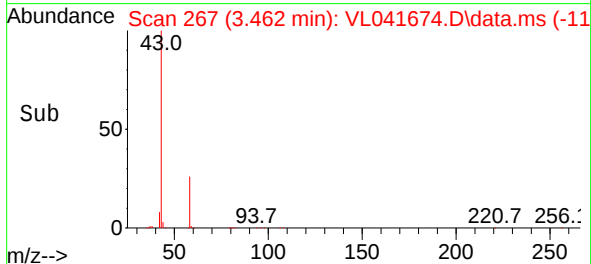
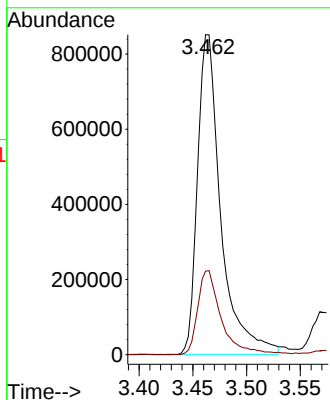
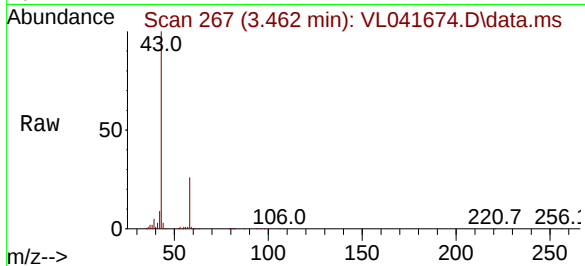




#15
Acetone
Concen: 8.923 ppbv
RT: 3.462 min Scan# 267
Delta R.T. 0.000 min
Lab File: VL041674.D
Acq: 7 Nov 2024 10:15

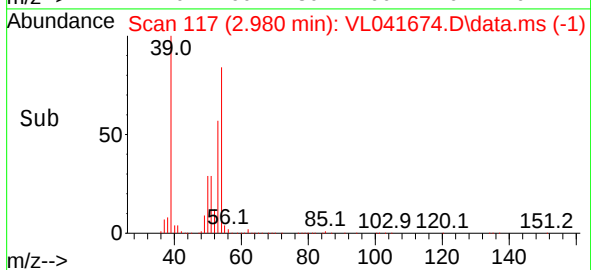
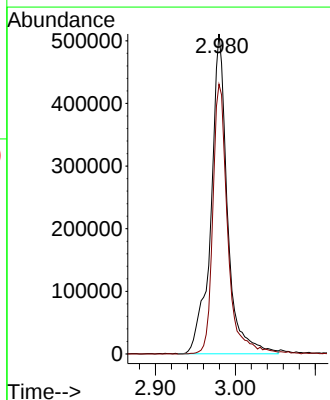
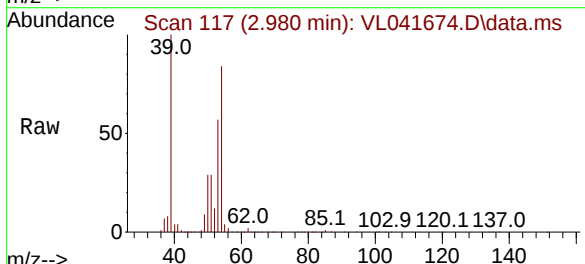
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

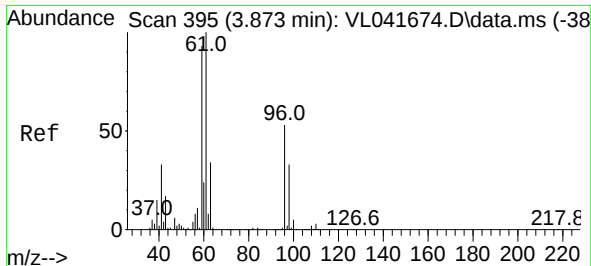
Tgt Ion: 43 Resp: 1285781
Ion Ratio Lower Upper
43 100
58 26.7 21.4 32.0



#16
1,3-Butadiene
Concen: 10.160 ppbv
RT: 2.980 min Scan# 117
Delta R.T. 0.000 min
Lab File: VL041674.D
Acq: 7 Nov 2024 10:15

Tgt Ion: 39 Resp: 734062
Ion Ratio Lower Upper
39 100
54 76.6 61.3 91.9





#17

tert-Butyl alcohol

Concen: 9.611 ppbv

RT: 3.873 min Scan# 395

Delta R.T. 0.000 min

Lab File: VL041674.D

Acq: 7 Nov 2024 10:15

Instrument :

MSVOA_1

ClientSampleId :

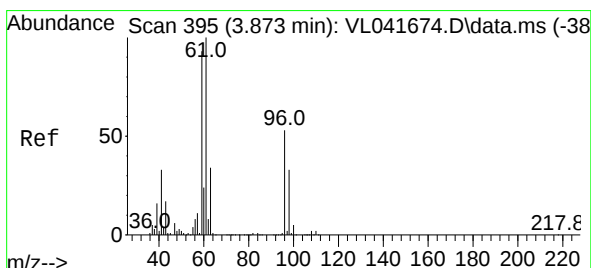
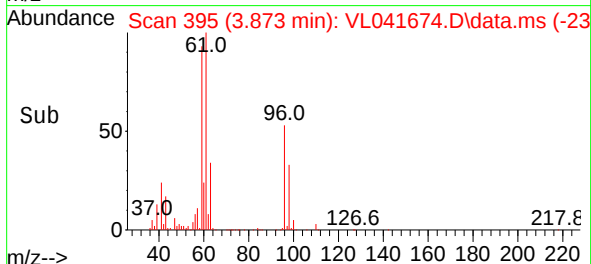
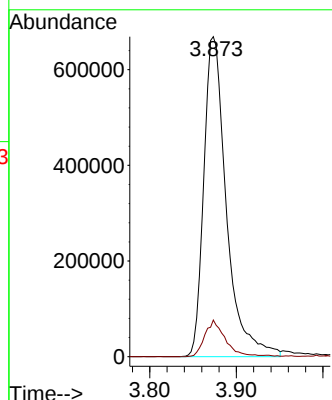
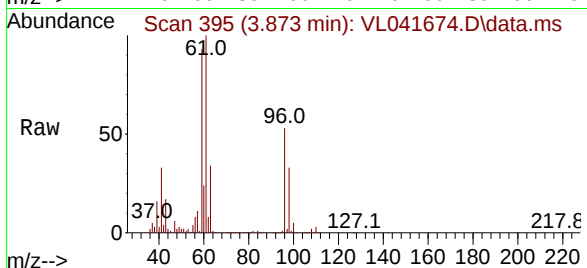
VSTDICCC010

Tgt Ion: 59 Resp: 1215299

Ion Ratio Lower Upper

59 100

57 10.6 8.5 12.7



#18

1,1-Dichloroethene

Concen: 9.484 ppbv

RT: 3.873 min Scan# 395

Delta R.T. 0.000 min

Lab File: VL041674.D

Acq: 7 Nov 2024 10:15

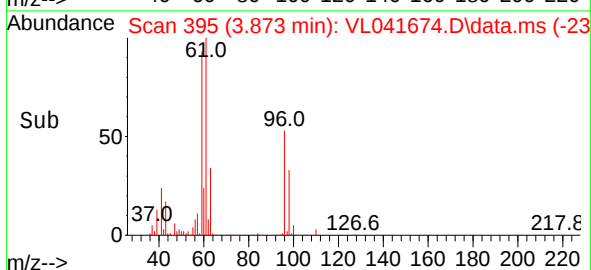
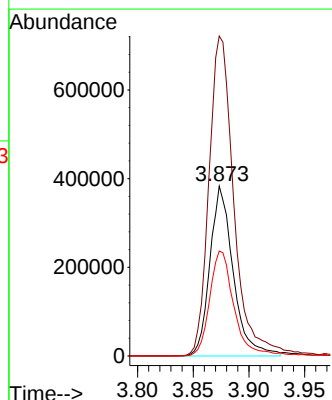
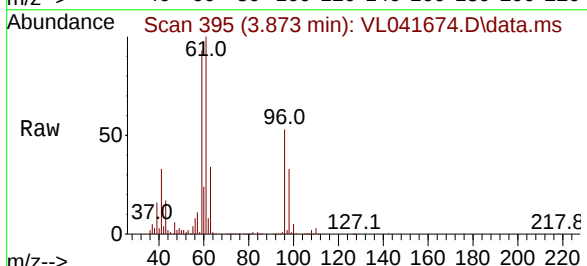
Tgt Ion: 96 Resp: 557278

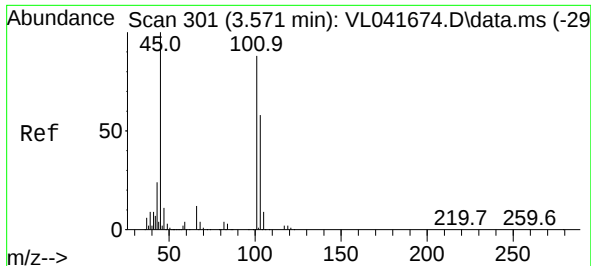
Ion Ratio Lower Upper

96 100

61 188.4 150.7 226.1

98 61.8 49.4 74.2





#19

Isopropyl Alcohol

Concen: 9.266 ppbv

RT: 3.571 min Scan# 301

Delta R.T. 0.000 min

Lab File: VL041674.D

Acq: 7 Nov 2024 10:15

Instrument :

MSVOA_L

ClientSampleId :

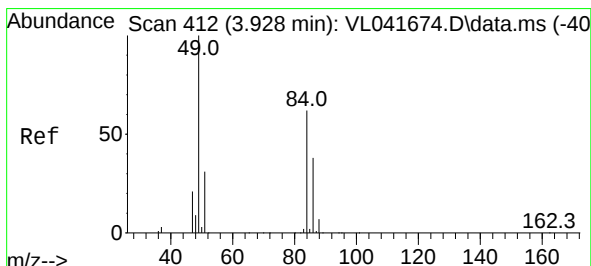
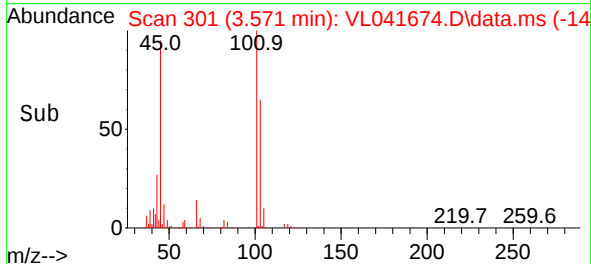
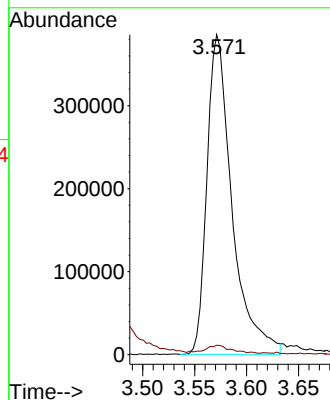
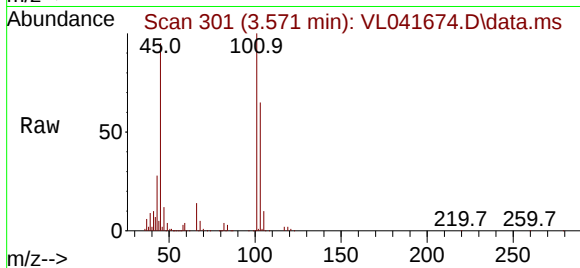
VSTDICCC010

Tgt Ion: 45 Resp: 646252

Ion Ratio Lower Upper

45 100

58 3.1 2.5 3.7



#20

Methylene Chloride

Concen: 8.837 ppbv

RT: 3.928 min Scan# 412

Delta R.T. 0.000 min

Lab File: VL041674.D

Acq: 7 Nov 2024 10:15

Tgt Ion: 84 Resp: 468549

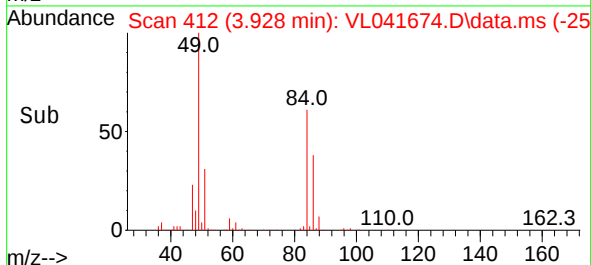
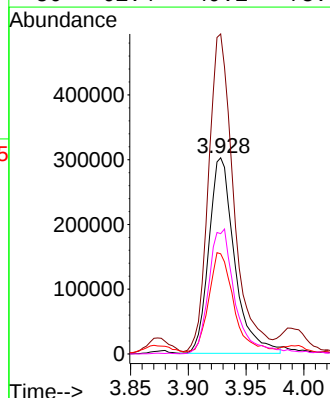
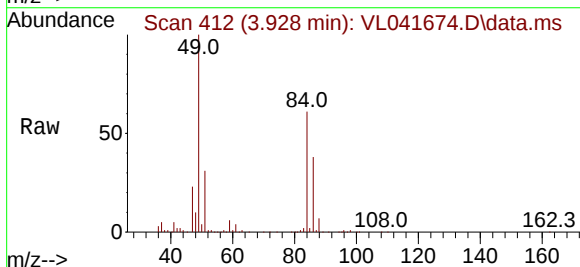
Ion Ratio Lower Upper

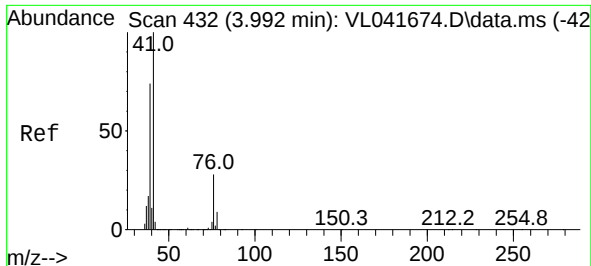
84 100

49 162.1 129.7 194.5

51 49.7 39.8 59.6

86 61.4 49.1 73.7





#21

Allyl Chloride

Concen: 9.979 ppbv

RT: 3.992 min Scan# 41

Delta R.T. 0.000 min

Lab File: VL041674.D

Acq: 7 Nov 2024 10:15

Instrument :

MSVOA_L

ClientSampleId :

VSTDICCC010

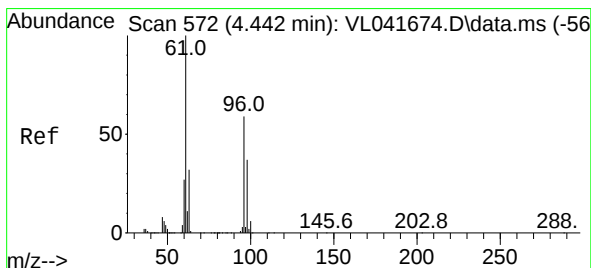
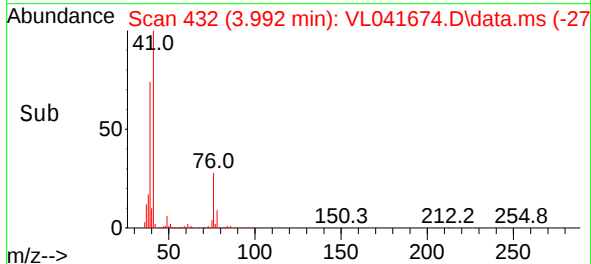
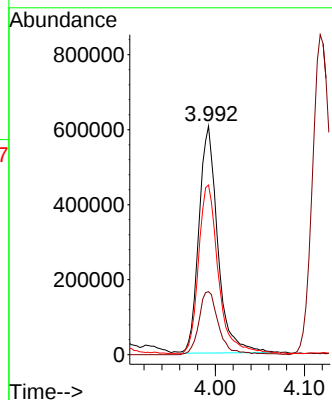
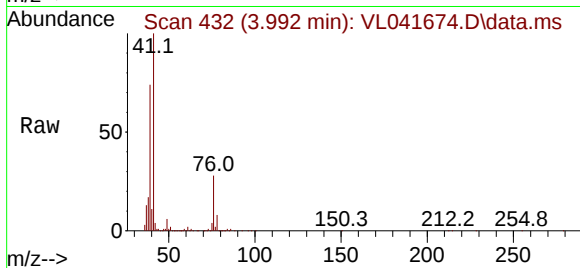
Tgt Ion: 41 Resp: 888517

Ion Ratio Lower Upper

41 100

76 29.4 23.5 35.3

39 78.7 63.0 94.4



#22

trans-1,2-Dichloroethene

Concen: 9.660 ppbv

RT: 4.442 min Scan# 572

Delta R.T. 0.000 min

Lab File: VL041674.D

Acq: 7 Nov 2024 10:15

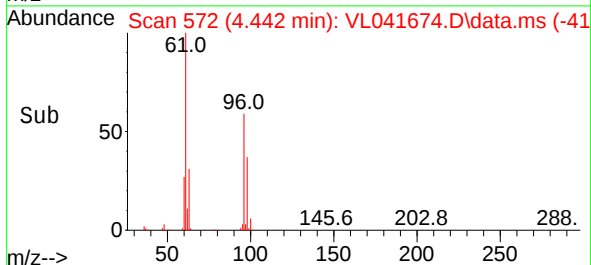
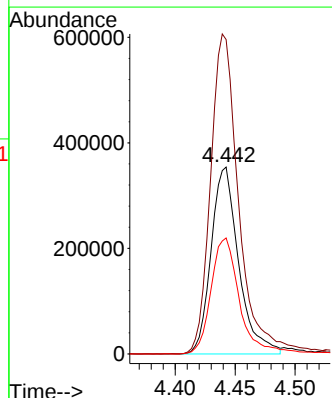
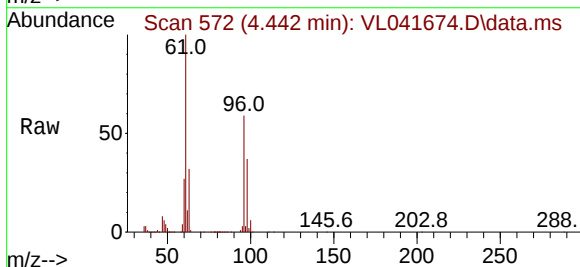
Tgt Ion: 96 Resp: 566347

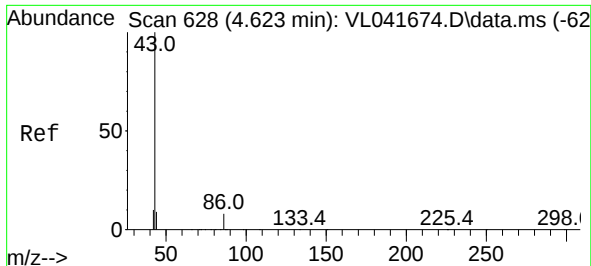
Ion Ratio Lower Upper

96 100

61 168.1 134.5 201.7

98 62.0 49.6 74.4



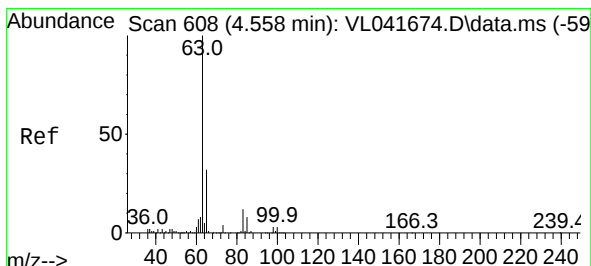
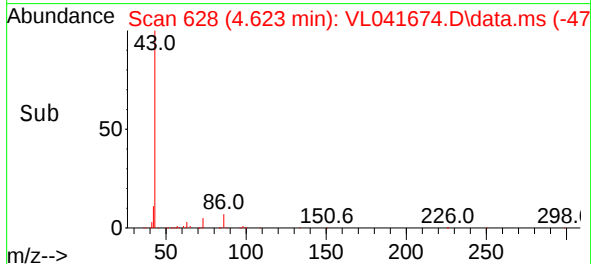
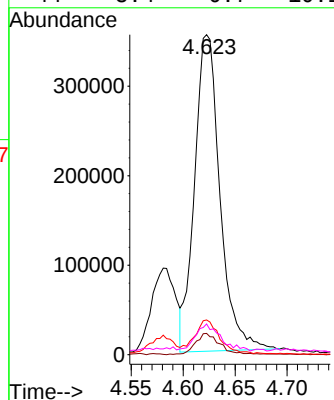
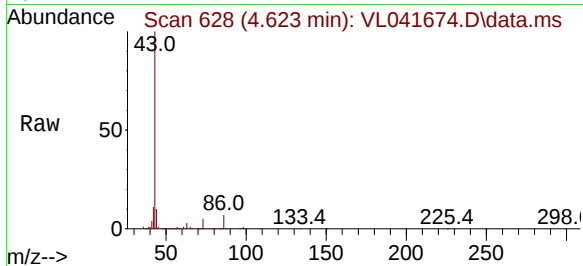


#23
 Vinyl Acetate
 Concen: 8.886 ppbv
 RT: 4.623 min Scan# 61
 Delta R.T. 0.000 min
 Lab File: VL041674.D
 Acq: 7 Nov 2024 10:15

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICCC010

Tgt Ion: 43 Resp: 602236

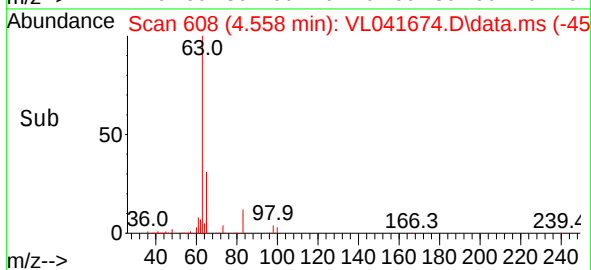
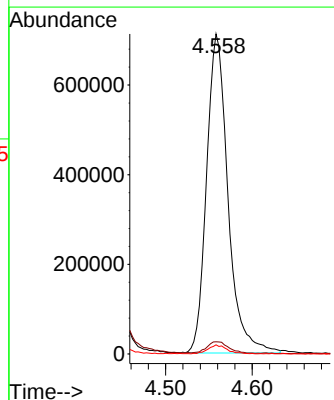
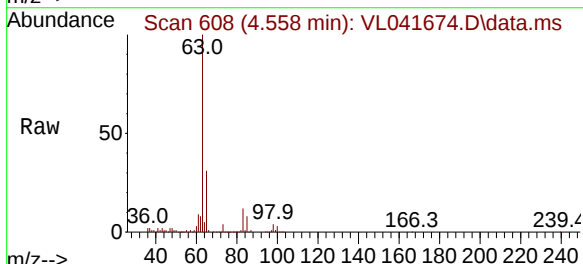
Ion	Ratio	Lower	Upper
43	100		
86	6.6	5.3	7.9
42	10.6	8.5	12.7
44	8.4	6.7	10.1

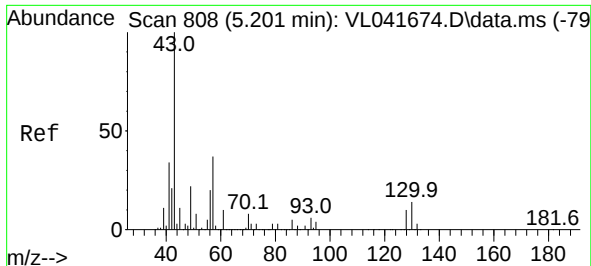


#24
 1,1-Dichloroethane
 Concen: 9.380 ppbv
 RT: 4.558 min Scan# 608
 Delta R.T. 0.000 min
 Lab File: VL041674.D
 Acq: 7 Nov 2024 10:15

Tgt Ion: 63 Resp: 1223224

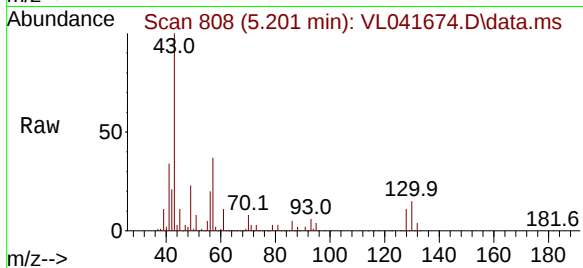
Ion	Ratio	Lower	Upper
63	100		
98	3.6	1.8	5.4
100	2.8	1.4	4.2



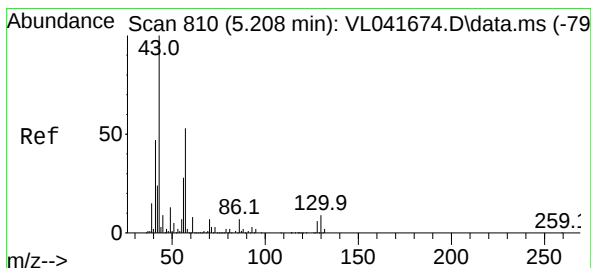
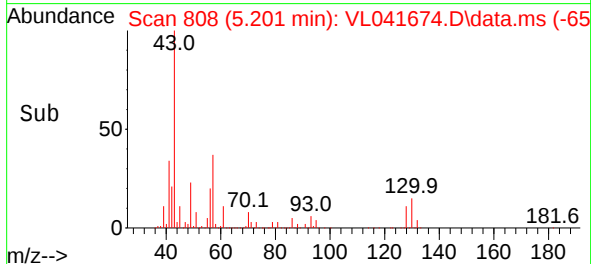
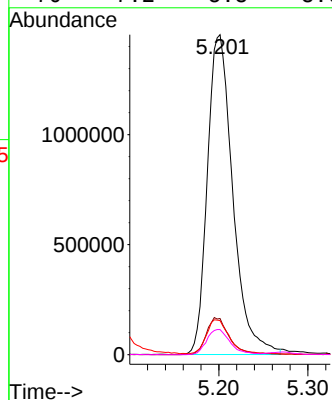


#25
Ethyl Acetate
Concen: 9.668 ppbv
RT: 5.201 min Scan# 808
Delta R.T. 0.000 min
Lab File: VL041674.D
Acq: 7 Nov 2024 10:15

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

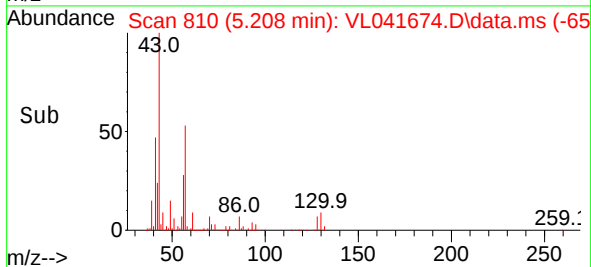
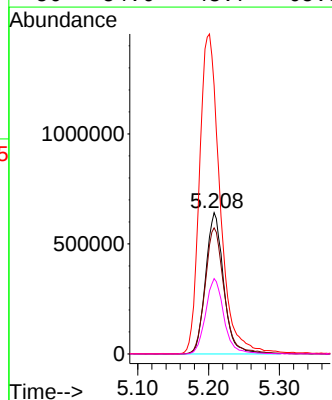
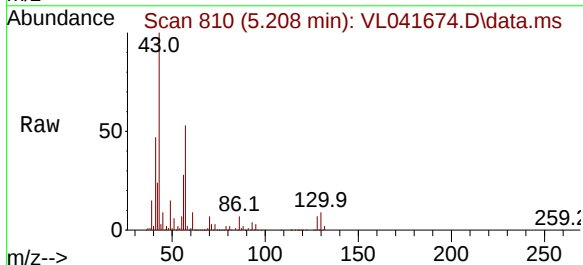


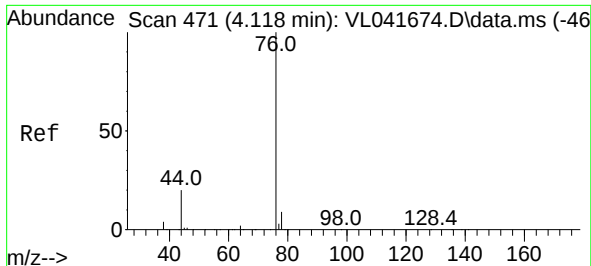
Tgt Ion: 43 Resp: 2883606
Ion Ratio Lower Upper
43 100
45 10.8 8.6 13.0
61 10.5 8.4 12.6
70 7.2 5.8 8.6



#26
Hexane
Concen: 9.869 ppbv
RT: 5.208 min Scan# 810
Delta R.T. 0.000 min
Lab File: VL041674.D
Acq: 7 Nov 2024 10:15

Tgt Ion: 57 Resp: 1130877
Ion Ratio Lower Upper
57 100
41 95.1 76.1 114.1
43 258.8 207.0 310.6
56 54.6 43.7 65.5





#27

Carbon Disulfide

Concen: 10.675 ppbv

RT: 4.118 min Scan# 471

Delta R.T. 0.000 min

Lab File: VL041674.D

Acq: 7 Nov 2024 10:15

Instrument :

MSVOA_L

ClientSampleId :

VSTDICCC010

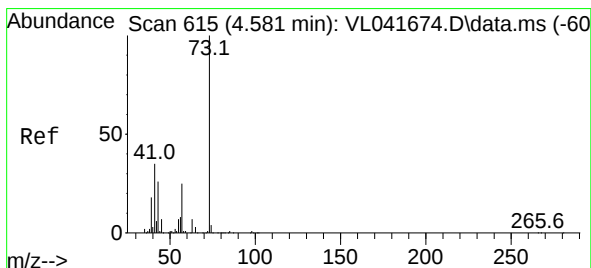
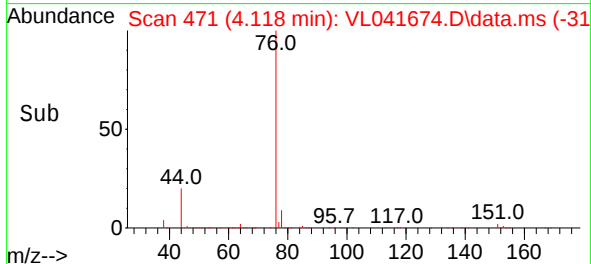
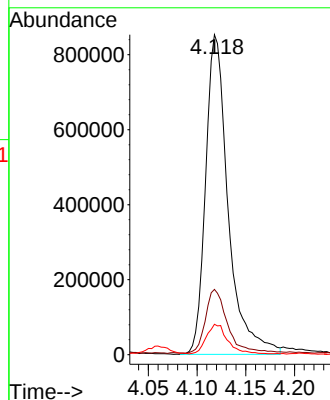
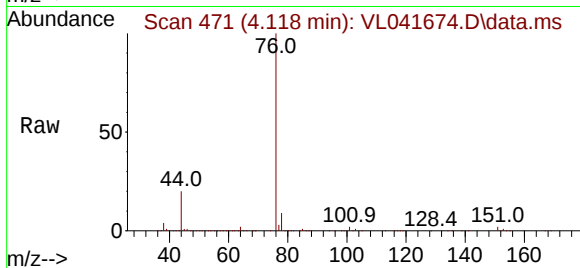
Tgt Ion: 76 Resp: 1374259

Ion Ratio Lower Upper

76 100

44 19.8 15.8 23.8

78 9.4 7.5 11.3



#28

Methyl tert-Butyl Ether

Concen: 9.092 ppbv

RT: 4.581 min Scan# 615

Delta R.T. 0.000 min

Lab File: VL041674.D

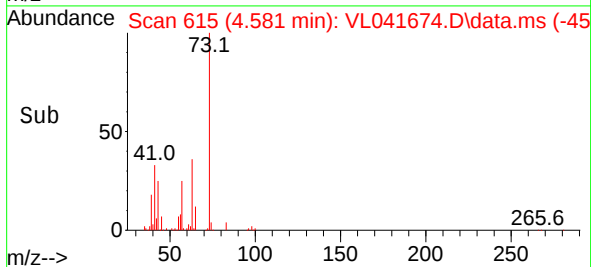
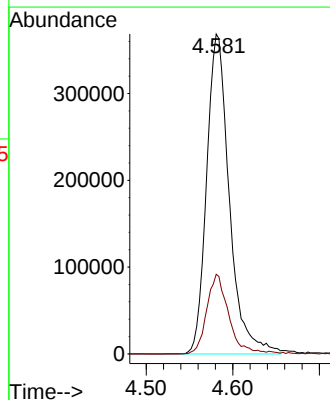
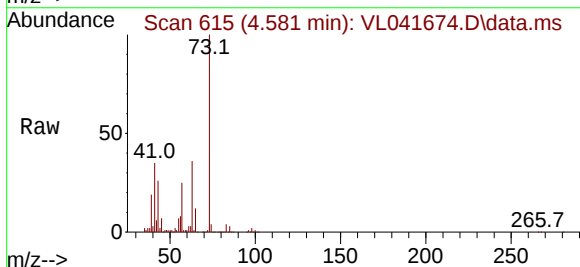
Acq: 7 Nov 2024 10:15

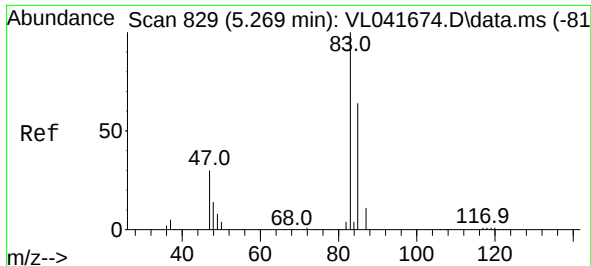
Tgt Ion: 73 Resp: 670928

Ion Ratio Lower Upper

73 100

57 24.5 19.6 29.4





#29

Chloroform

Concen: 9.407 ppbv

RT: 5.269 min Scan# 81

Delta R.T. 0.000 min

Lab File: VL041674.D

Acq: 7 Nov 2024 10:15

Instrument :

MSVOA_L

ClientSampleId :

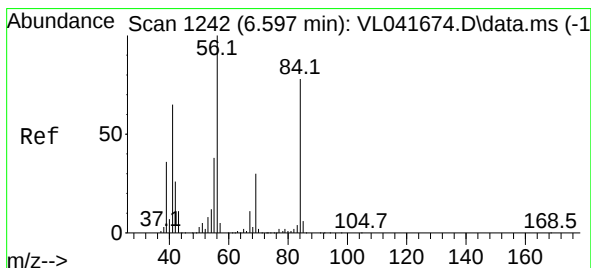
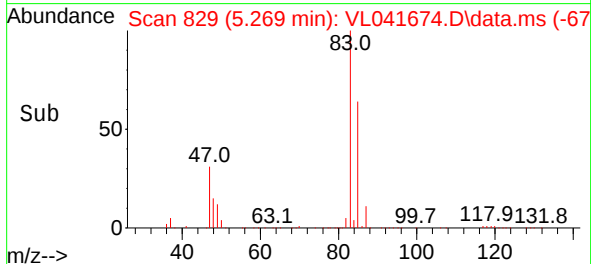
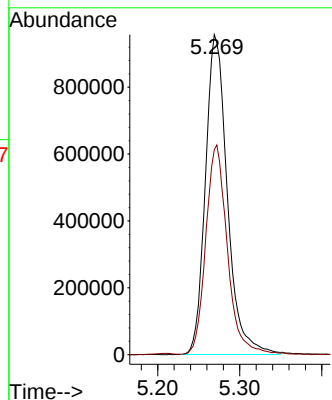
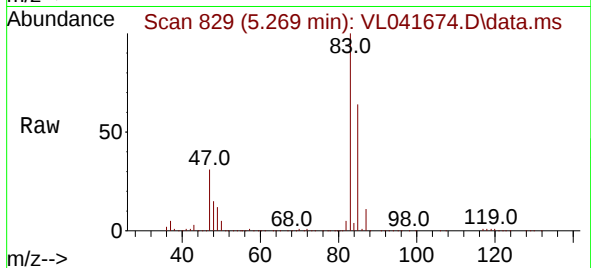
VSTDICCC010

Tgt Ion: 83 Resp: 1779347

Ion Ratio Lower Upper

83 100

85 63.9 51.1 76.7



#30

Cyclohexane

Concen: 10.487 ppbv

RT: 6.597 min Scan# 1242

Delta R.T. 0.000 min

Lab File: VL041674.D

Acq: 7 Nov 2024 10:15

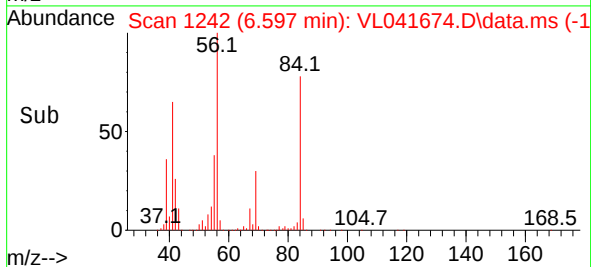
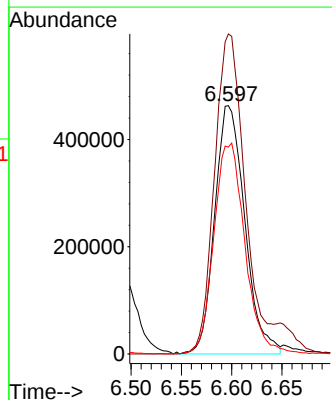
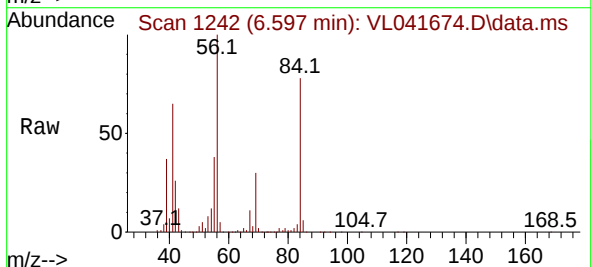
Tgt Ion: 84 Resp: 965390

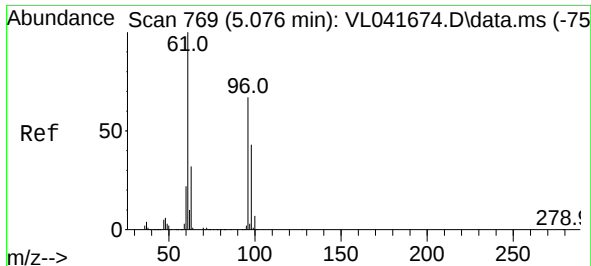
Ion Ratio Lower Upper

84 100

56 138.5 110.8 166.2

41 87.5 70.0 105.0



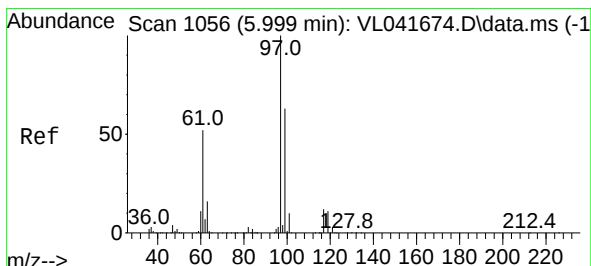
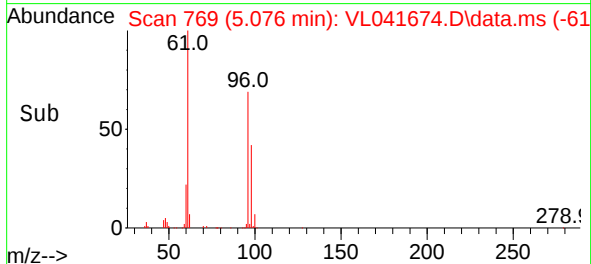
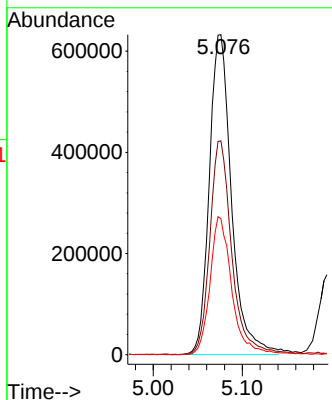
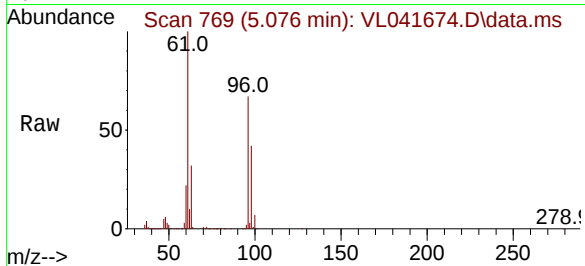


#31
 cis-1,2-Dichloroethene
 Concen: 9.937 ppbv
 RT: 5.076 min Scan# 769
 Delta R.T. 0.000 min
 Lab File: VL041674.D
 Acq: 7 Nov 2024 10:15

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICCC010

Tgt Ion: 61 Resp: 1095423

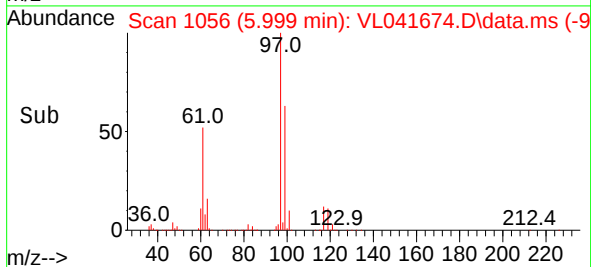
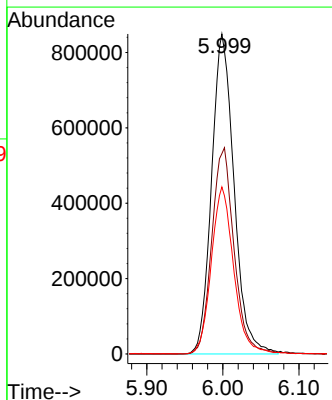
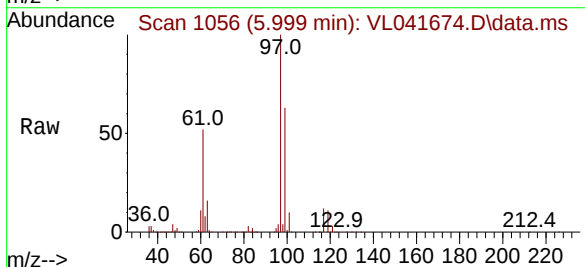
Ion	Ratio	Lower	Upper
61	100		
96	66.8	53.4	80.2
98	42.5	34.0	51.0

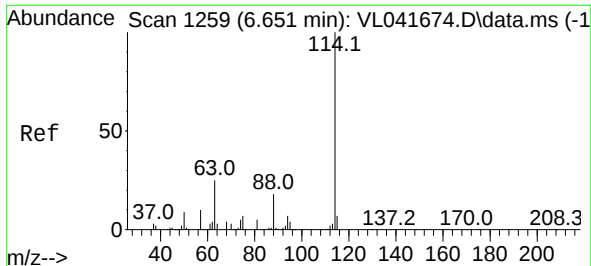


#32
 1,1,1-Trichloroethane
 Concen: 10.047 ppbv
 RT: 5.999 min Scan# 1056
 Delta R.T. 0.000 min
 Lab File: VL041674.D
 Acq: 7 Nov 2024 10:15

Tgt Ion: 97 Resp: 1742198

Ion	Ratio	Lower	Upper
97	100		
99	64.3	51.4	77.2
61	52.1	41.7	62.5





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.651 min Scan# 11

Delta R.T. 0.000 min

Lab File: VL041674.D

Acq: 7 Nov 2024 10:15

Instrument :

MSVOA_L

ClientSampleId :

VSTDICCC010

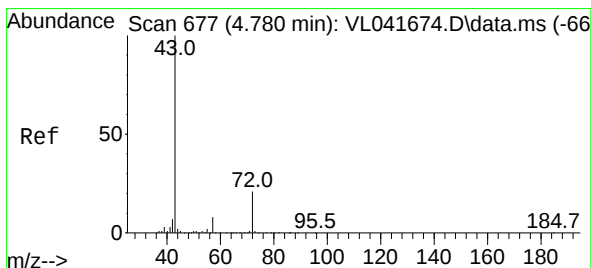
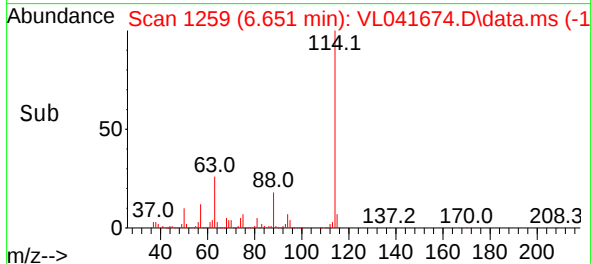
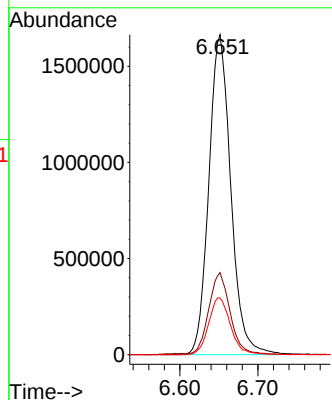
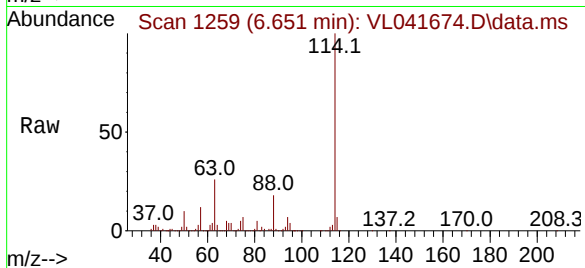
Tgt Ion:114 Resp: 3260349

Ion Ratio Lower Upper

114 100

63 25.4 20.3 30.5

88 17.8 14.2 21.4



#34

2-Butanone

Concen: 9.606 ppbv

RT: 4.780 min Scan# 677

Delta R.T. 0.000 min

Lab File: VL041674.D

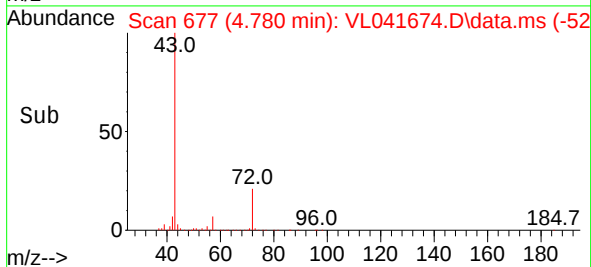
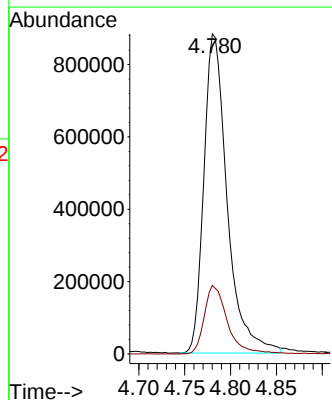
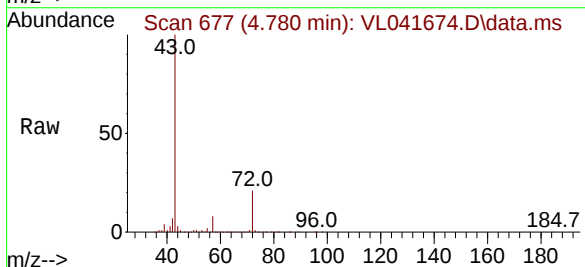
Acq: 7 Nov 2024 10:15

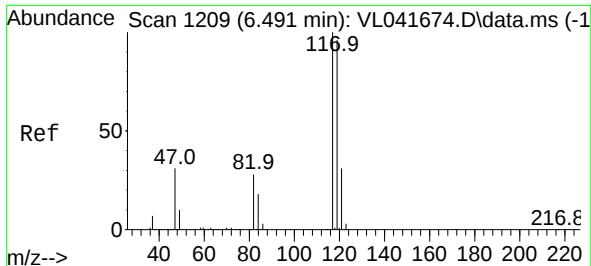
Tgt Ion: 43 Resp: 1559421

Ion Ratio Lower Upper

43 100

72 21.7 17.4 26.0

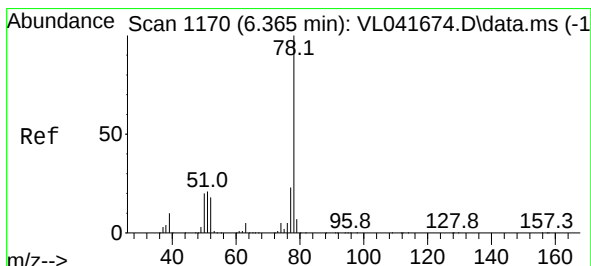
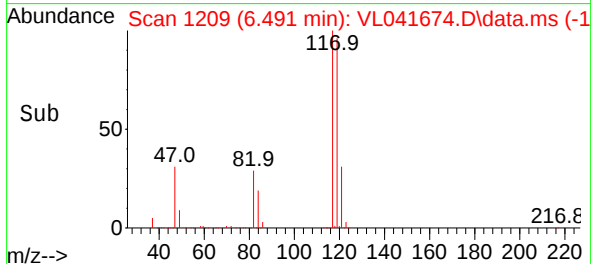
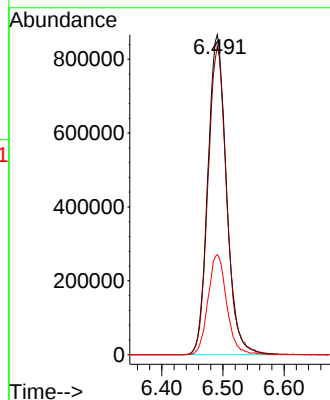
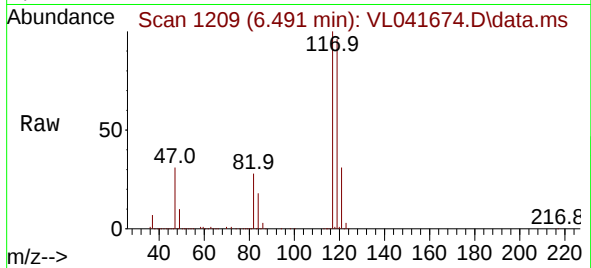




#35
Carbon Tetrachloride
Concen: 10.670 ppbv
RT: 6.491 min Scan# 1170
Delta R.T. 0.000 min
Lab File: VL041674.D
Acq: 7 Nov 2024 10:15

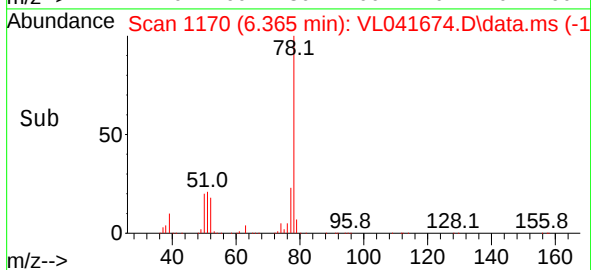
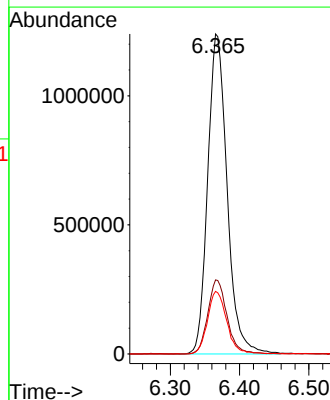
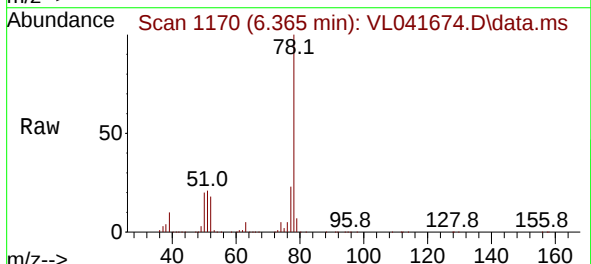
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

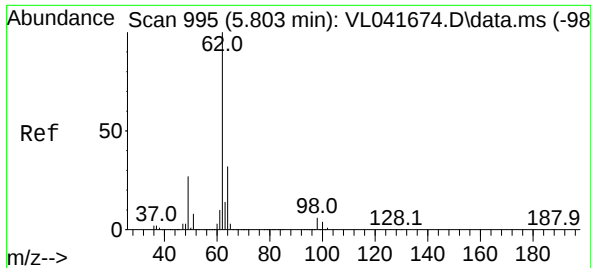
Tgt Ion:117 Resp: 1838964
Ion Ratio Lower Upper
117 100
119 96.5 77.2 115.8
121 31.2 25.0 37.4



#36
Benzene
Concen: 9.955 ppbv
RT: 6.365 min Scan# 1170
Delta R.T. 0.000 min
Lab File: VL041674.D
Acq: 7 Nov 2024 10:15

Tgt Ion: 78 Resp: 2404772
Ion Ratio Lower Upper
78 100
77 23.1 18.5 27.7
50 19.5 15.6 23.4

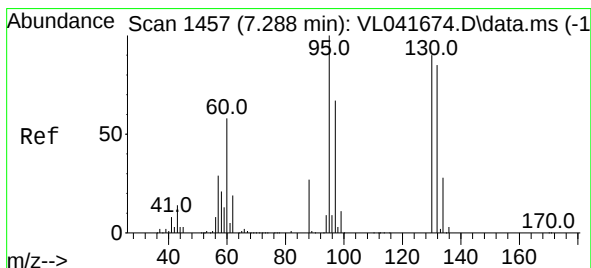
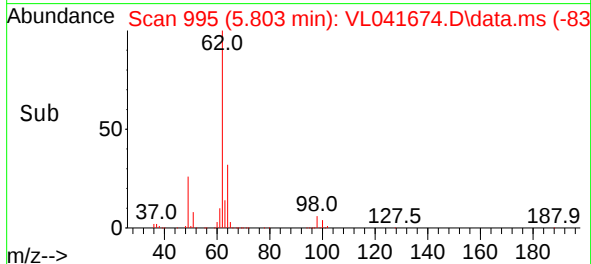
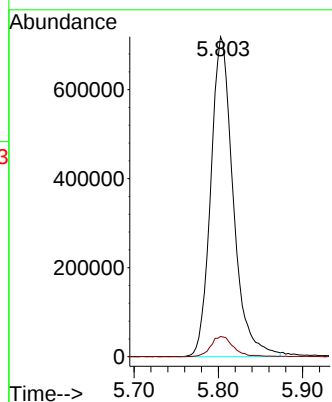
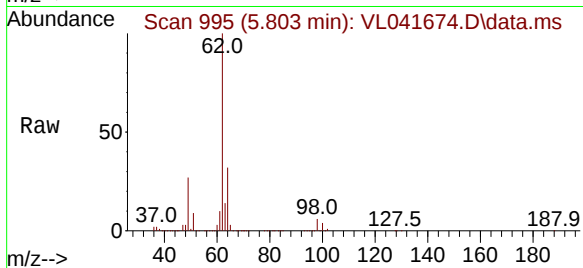




#37
1,2-Dichloroethane
Concen: 9.768 ppbv
RT: 5.803 min Scan# 995
Delta R.T. 0.000 min
Lab File: VL041674.D
Acq: 7 Nov 2024 10:15

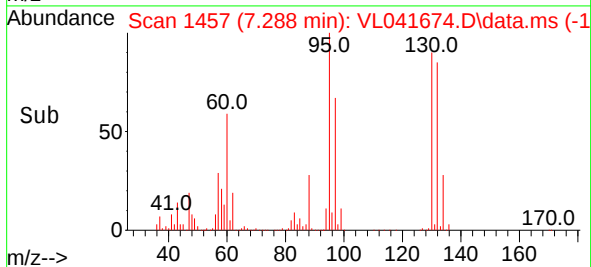
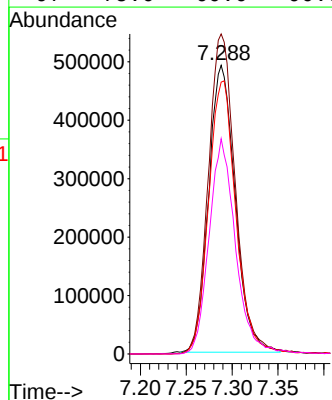
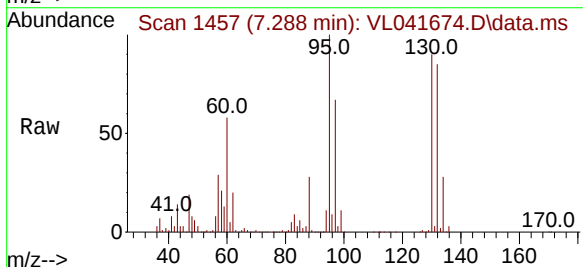
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

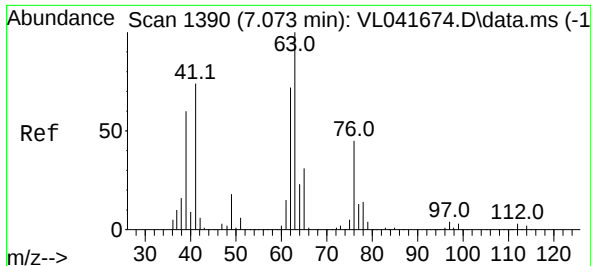
Tgt Ion: 62 Resp: 1331275
Ion Ratio Lower Upper
62 100
98 6.5 5.2 7.8



#38
Trichloroethene
Concen: 10.594 ppbv
RT: 7.288 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VL041674.D
Acq: 7 Nov 2024 10:15

Tgt Ion:130 Resp: 986911
Ion Ratio Lower Upper
130 100
95 111.4 89.1 133.7
132 94.6 75.7 113.5
97 75.0 60.0 90.0





#39

1,2-Dichloropropane

Concen: 9.711 ppbv

RT: 7.073 min Scan# 1390

Delta R.T. 0.000 min

Lab File: VL041674.D

Acq: 7 Nov 2024 10:15

Instrument :

MSVOA_L

ClientSampleId :

VSTDICCC010

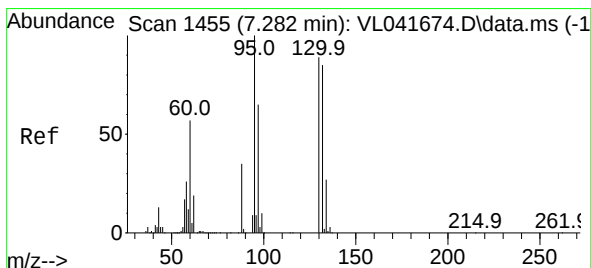
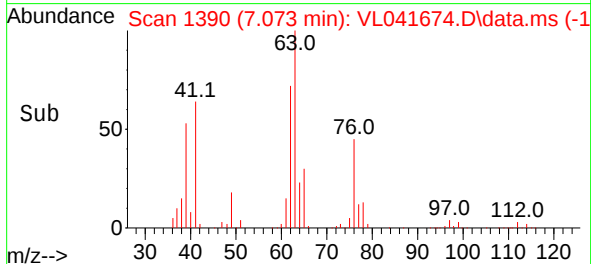
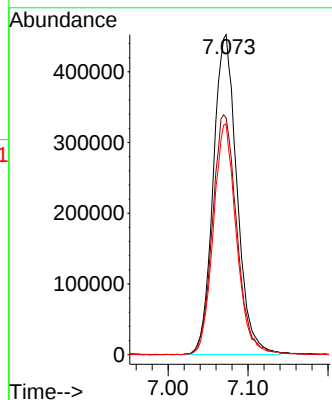
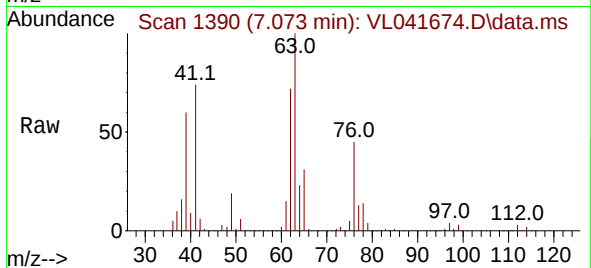
Tgt Ion: 63 Resp: 927055

Ion Ratio Lower Upper

63 100

41 73.9 59.1 88.7

62 72.1 57.7 86.5



#40

1,4-Dioxane

Concen: 10.691 ppbv

RT: 7.282 min Scan# 1455

Delta R.T. 0.000 min

Lab File: VL041674.D

Acq: 7 Nov 2024 10:15

Tgt Ion: 88 Resp: 361524

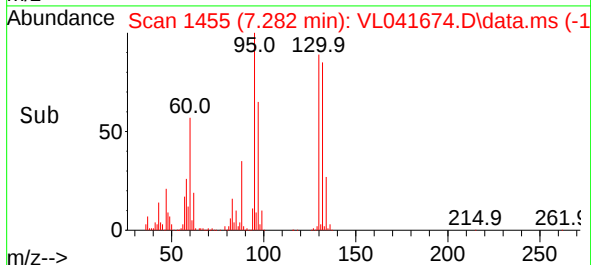
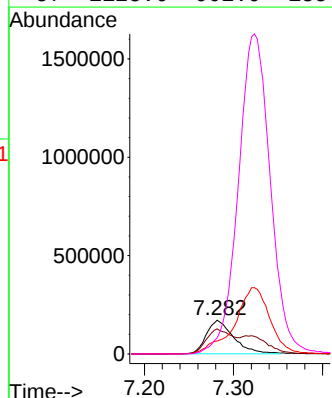
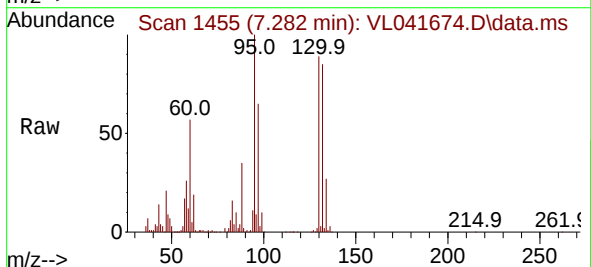
Ion Ratio Lower Upper

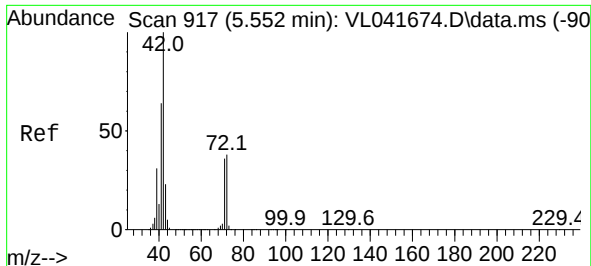
88 100

58 126.8 101.4 152.2

43 260.0 208.0 312.0

57 1128.6 902.9 1354.3





#41

Tetrahydrofuran

Concen: 10.379 ppbv

RT: 5.552 min Scan# 917

Delta R.T. 0.000 min

Lab File: VL041674.D

Acq: 7 Nov 2024 10:15

Instrument :

MSVOA_L

ClientSampleId :

VSTDICCC010

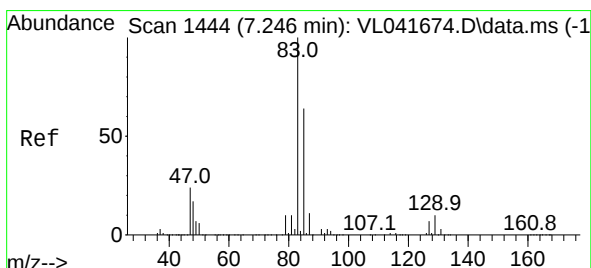
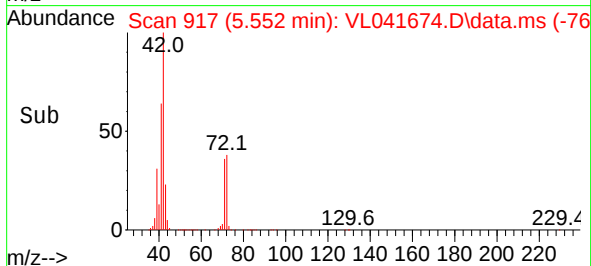
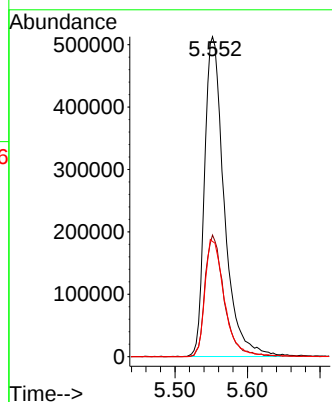
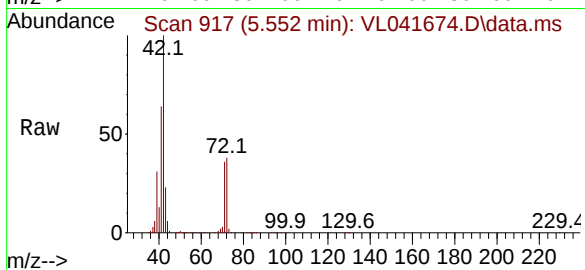
Tgt Ion: 42 Resp: 961227

Ion Ratio Lower Upper

42 100

72 37.2 29.8 44.6

71 36.8 29.4 44.2



#42

Bromodichloromethane

Concen: 10.153 ppbv

RT: 7.246 min Scan# 1444

Delta R.T. 0.000 min

Lab File: VL041674.D

Acq: 7 Nov 2024 10:15

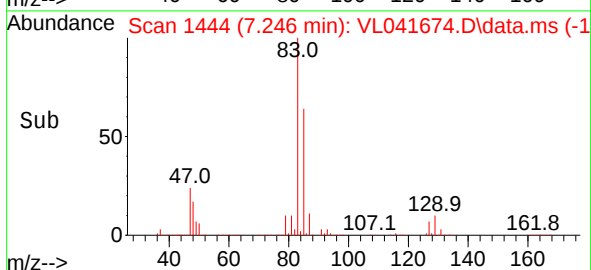
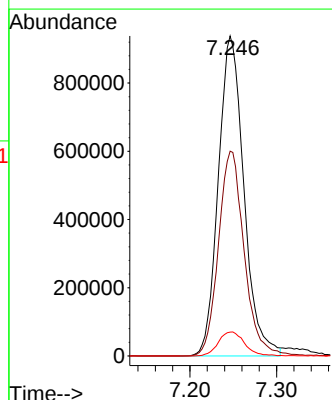
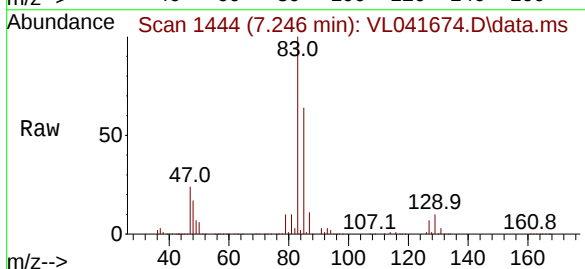
Tgt Ion: 83 Resp: 1922752

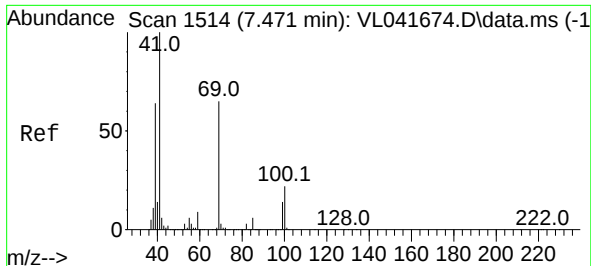
Ion Ratio Lower Upper

83 100

85 64.0 51.2 76.8

127 7.5 6.0 9.0

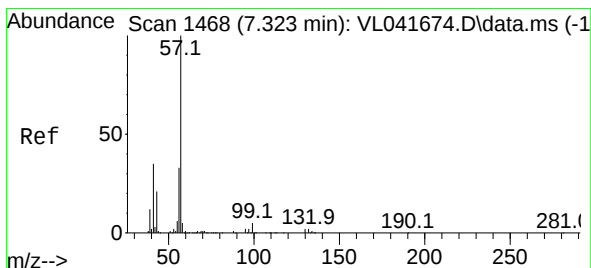
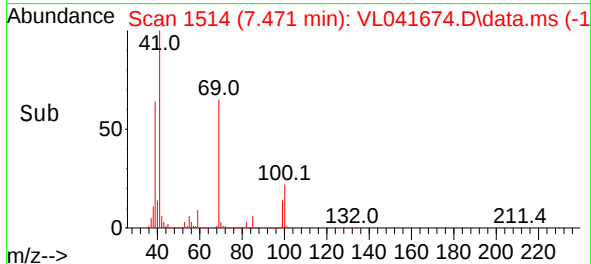
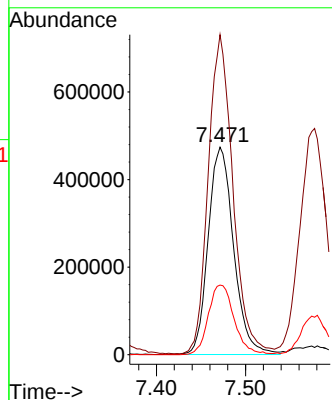
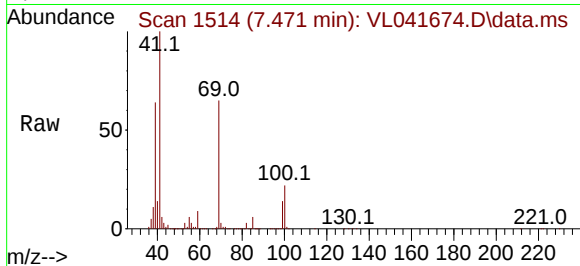




#43
Methyl Methacrylate
Concen: 11.071 ppbv
RT: 7.471 min Scan# 1514
Delta R.T. 0.000 min
Lab File: VL041674.D
Acq: 7 Nov 2024 10:15

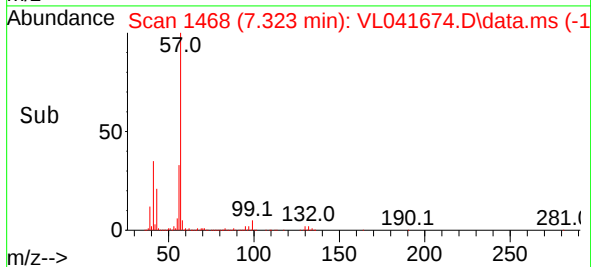
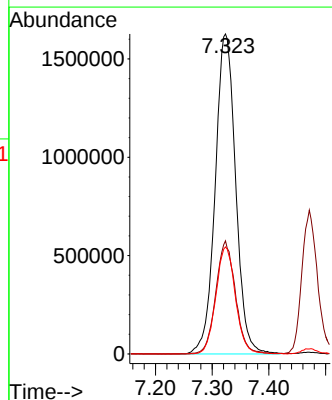
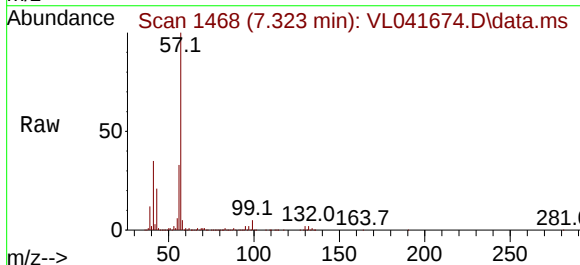
Instrument :
MSVOA_1
ClientSampleId :
VSTDICCC010

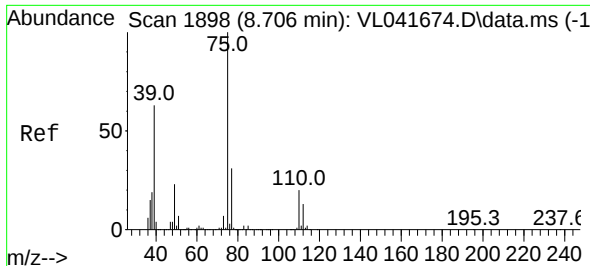
Tgt Ion: 69 Resp: 939057
Ion Ratio Lower Upper
69 100
41 149.7 119.8 179.6
100 34.1 27.3 40.9



#44
2,2,4-Trimethylpentane
Concen: 9.968 ppbv
RT: 7.323 min Scan# 1468
Delta R.T. 0.000 min
Lab File: VL041674.D
Acq: 7 Nov 2024 10:15

Tgt Ion: 57 Resp: 4079001
Ion Ratio Lower Upper
57 100
41 33.8 27.0 40.6
56 32.2 25.8 38.6





#45

t-1,3-Dichloropropene

Concen: 12.141 ppbv

RT: 8.706 min Scan# 1898

Delta R.T. 0.000 min

Lab File: VL041674.D

Acq: 7 Nov 2024 10:15

Instrument :

MSVOA_L

ClientSampleId :

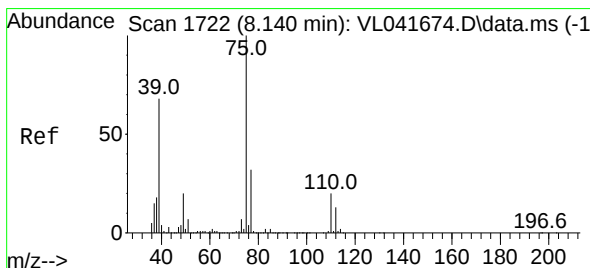
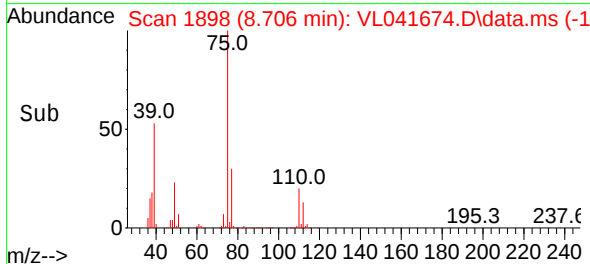
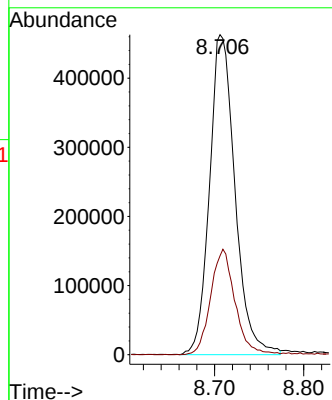
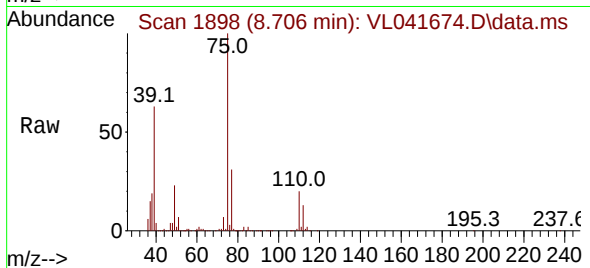
VSTDICCC010

Tgt Ion: 75 Resp: 920537

Ion Ratio Lower Upper

75 100

77 30.9 24.7 37.1



#46

cis-1,3-Dichloropropene

Concen: 11.408 ppbv

RT: 8.140 min Scan# 1722

Delta R.T. 0.000 min

Lab File: VL041674.D

Acq: 7 Nov 2024 10:15

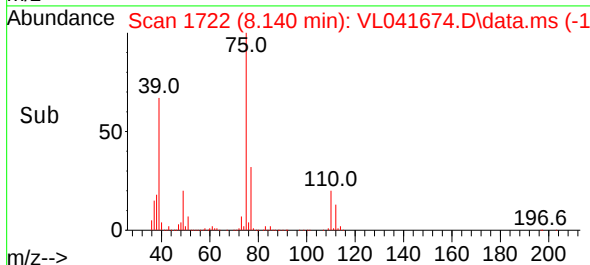
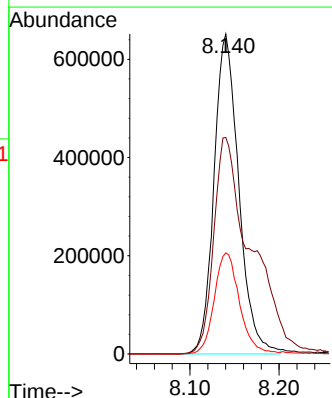
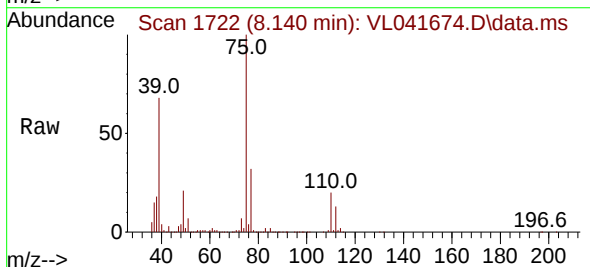
Tgt Ion: 75 Resp: 1257121

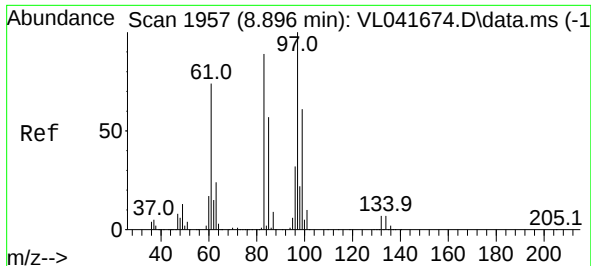
Ion Ratio Lower Upper

75 100

39 67.6 54.1 81.1

77 31.6 25.3 37.9





#47

1,1,2-Trichloroethane

Concen: 9.746 ppbv

RT: 8.896 min Scan# 1957

Delta R.T. 0.000 min

Lab File: VL041674.D

Acq: 7 Nov 2024 10:15

Instrument :

MSVOA_L

ClientSampleId :

VSTDICCC010

Tgt Ion: 97 Resp: 1003150

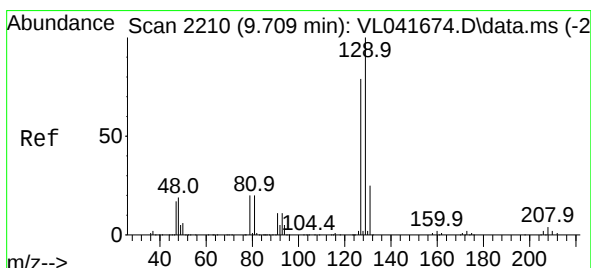
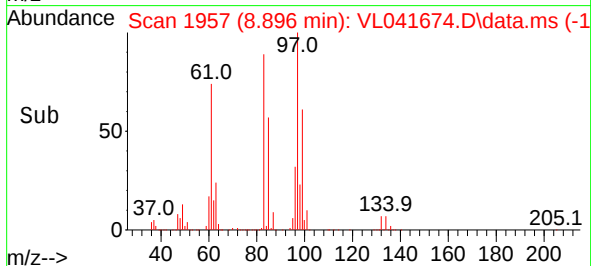
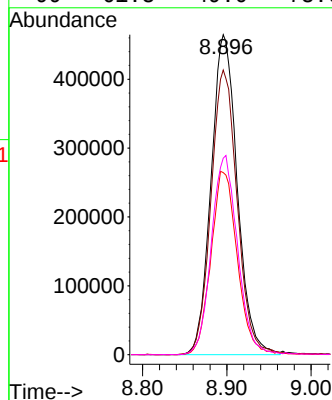
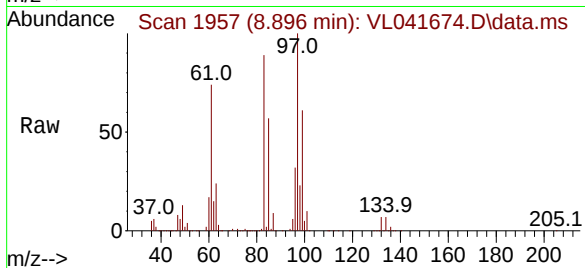
Ion Ratio Lower Upper

97 100

83 88.8 71.0 106.6

85 56.8 45.4 68.2

99 61.3 49.0 73.6



#48

Dibromochloromethane

Concen: 10.690 ppbv

RT: 9.709 min Scan# 2210

Delta R.T. 0.000 min

Lab File: VL041674.D

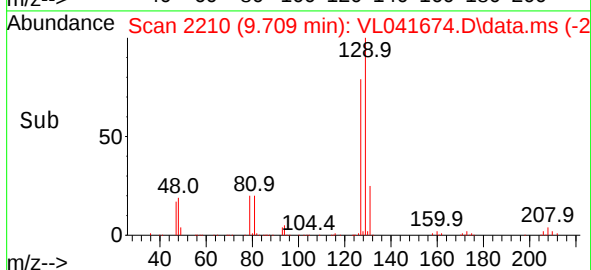
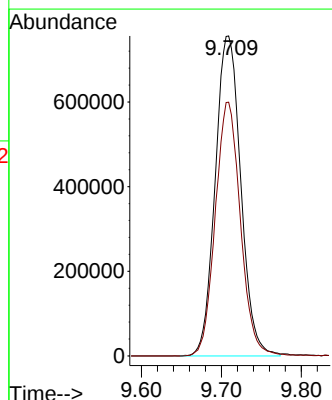
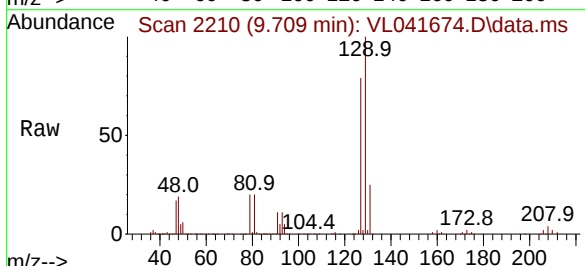
Acq: 7 Nov 2024 10:15

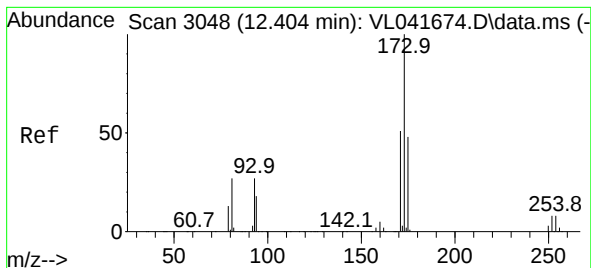
Tgt Ion: 129 Resp: 1679053

Ion Ratio Lower Upper

129 100

127 78.1 39.1 117.2





#49

Bromoform

Concen: 11.174 ppbv

RT: 12.404 min Scan# 3048

Delta R.T. 0.000 min

Lab File: VL041674.D

Acq: 7 Nov 2024 10:15

Instrument :

MSVOA_L

ClientSampleId :

VSTDICCC010

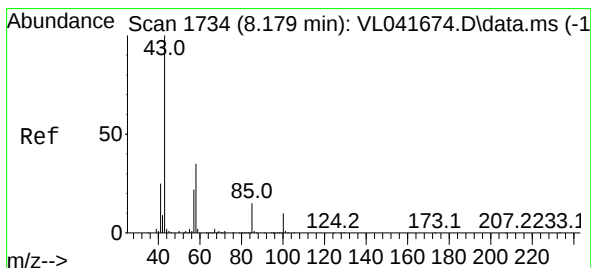
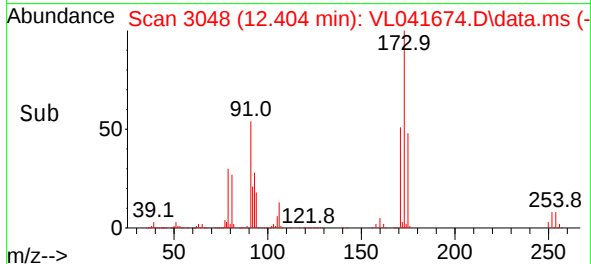
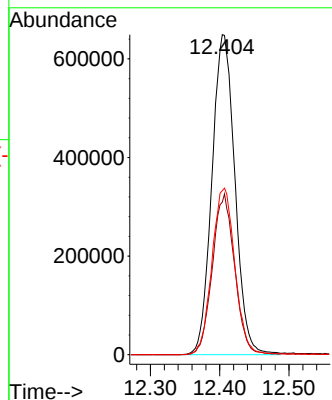
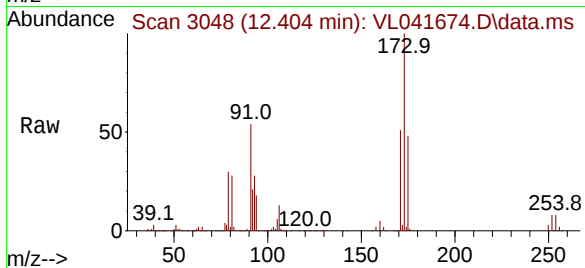
Tgt Ion:173 Resp: 1497222

Ion Ratio Lower Upper

173 100

175 49.0 39.2 58.8

171 52.1 41.7 62.5



#50

4-Methyl-2-Pentanone

Concen: 10.544 ppbv

RT: 8.179 min Scan# 1734

Delta R.T. 0.000 min

Lab File: VL041674.D

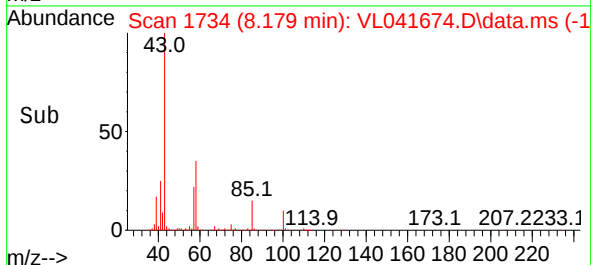
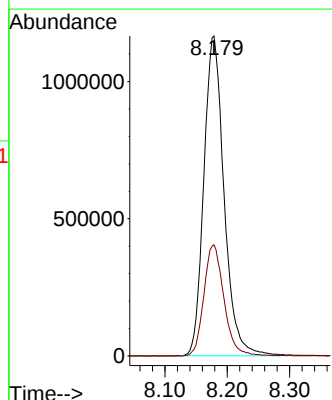
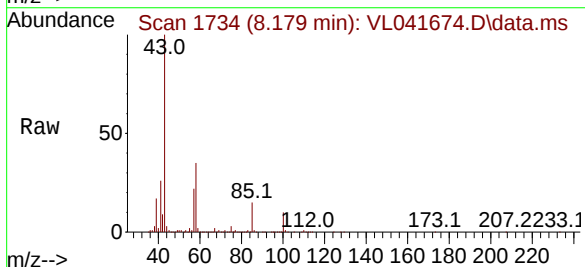
Acq: 7 Nov 2024 10:15

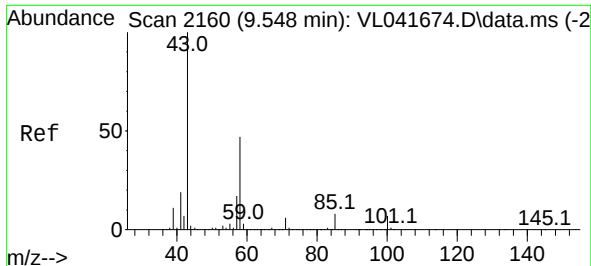
Tgt Ion: 43 Resp: 2628657

Ion Ratio Lower Upper

43 100

58 34.6 27.7 41.5



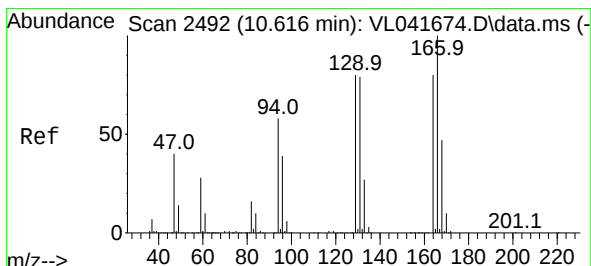
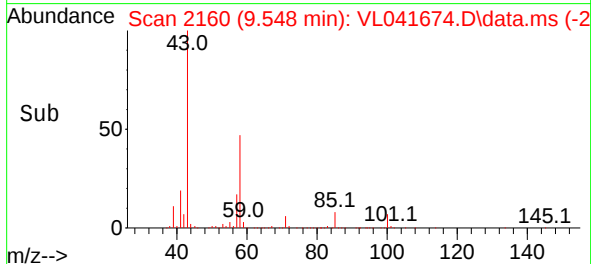
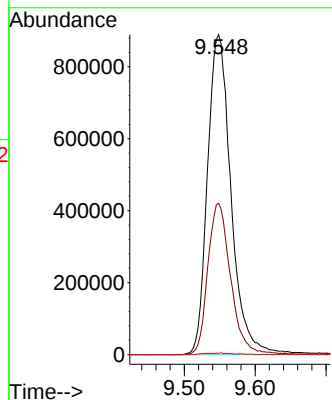
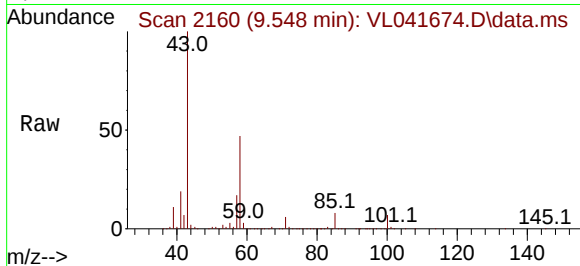


#51
2-Hexanone
Concen: 11.281 ppbv
RT: 9.548 min Scan# 2160
Delta R.T. 0.000 min
Lab File: VL041674.D
Acq: 7 Nov 2024 10:15

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion: 43 Resp: 2043690

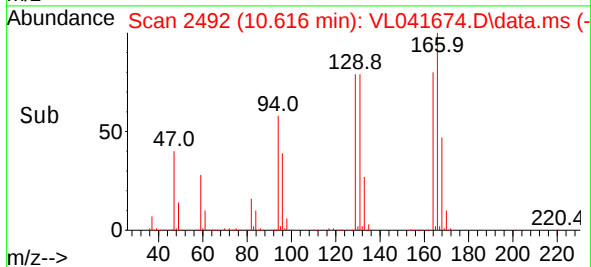
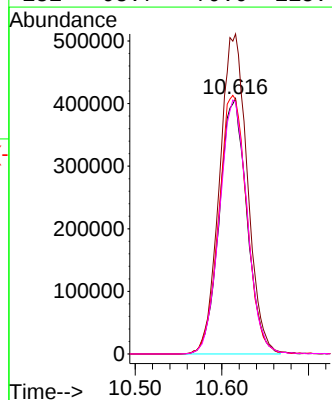
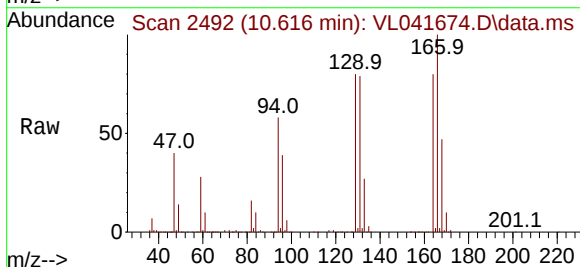
Ion	Ratio	Lower	Upper
43	100		
58	46.3	37.0	55.6
98	0.7	0.6	0.8

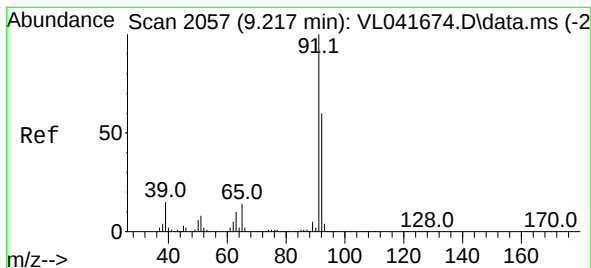


#52
Tetrachloroethene
Concen: 10.893 ppbv
RT: 10.616 min Scan# 2492
Delta R.T. 0.000 min
Lab File: VL041674.D
Acq: 7 Nov 2024 10:15

Tgt Ion:164 Resp: 899580

Ion	Ratio	Lower	Upper
164	100		
166	125.3	100.2	150.4
129	99.6	79.7	119.5
131	98.7	79.0	118.4





#53

Toluene

Concen: 10.973 ppbv

RT: 9.217 min Scan# 2057

Delta R.T. 0.000 min

Lab File: VL041674.D

Acq: 7 Nov 2024 10:15

Instrument :

MSVOA_L

ClientSampleId :

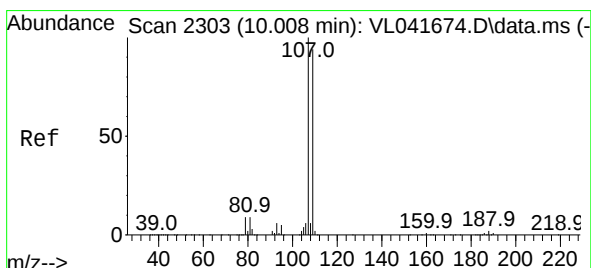
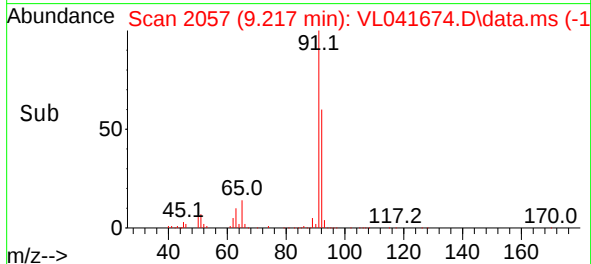
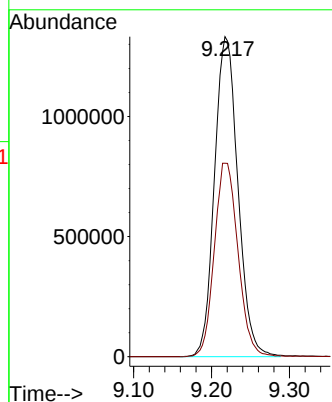
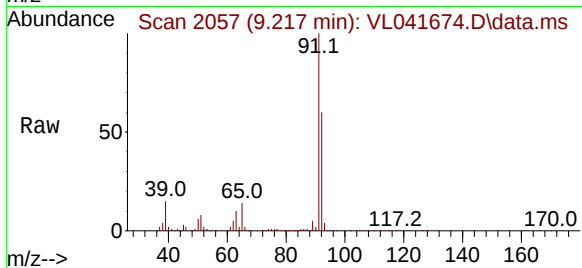
VSTDICCC010

Tgt Ion: 91 Resp: 2787590

Ion Ratio Lower Upper

91 100

92 61.2 49.0 73.4



#54

1,2-Dibromoethane

Concen: 11.262 ppbv

RT: 10.008 min Scan# 2303

Delta R.T. 0.000 min

Lab File: VL041674.D

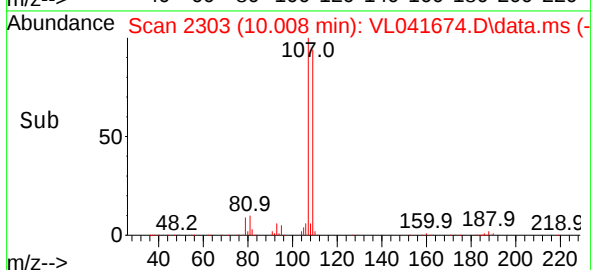
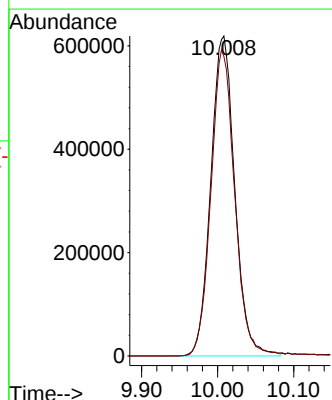
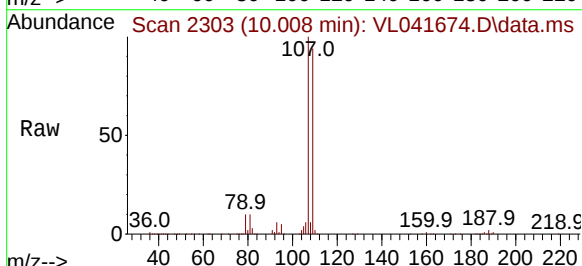
Acq: 7 Nov 2024 10:15

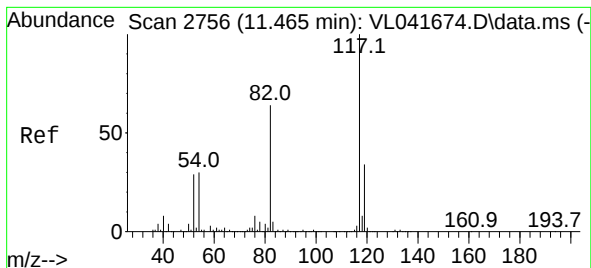
Tgt Ion:107 Resp: 1353490

Ion Ratio Lower Upper

107 100

109 93.6 74.9 112.3





#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 11.465 min Scan# 2756

Delta R.T. 0.000 min

Lab File: VL041674.D

Acq: 7 Nov 2024 10:15

Instrument :

MSVOA_L

ClientSampleId :

VSTDICCC010

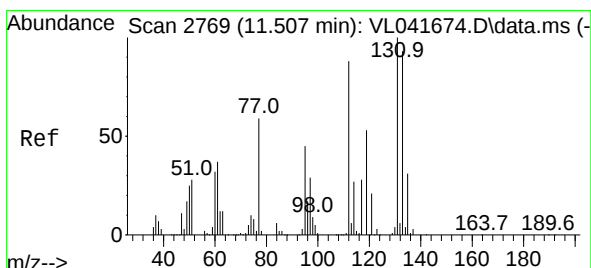
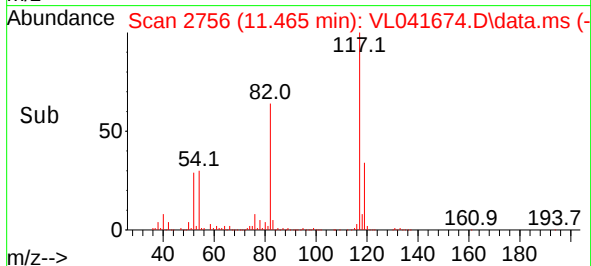
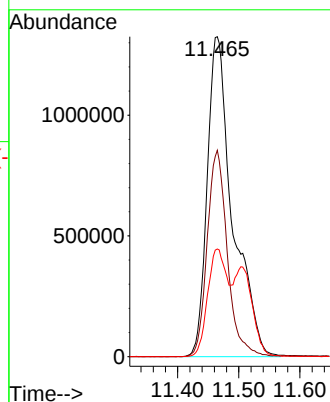
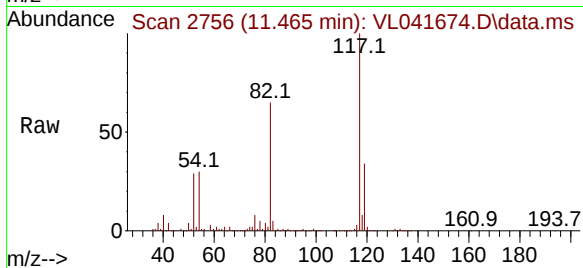
Tgt Ion:117 Resp: 3837595

Ion Ratio Lower Upper

117 100

82 51.3 49.8 74.8

119 24.9 24.2 36.4



#56

1,1,1,2-Tetrachloroethane

Concen: 7.924 ppbv

RT: 11.507 min Scan# 2769

Delta R.T. 0.000 min

Lab File: VL041674.D

Acq: 7 Nov 2024 10:15

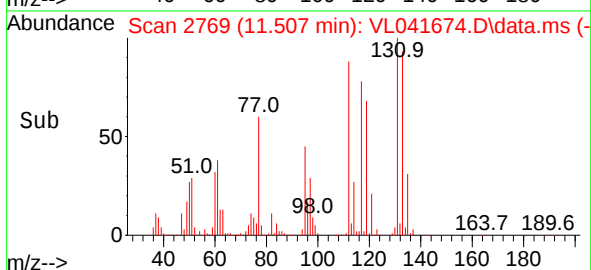
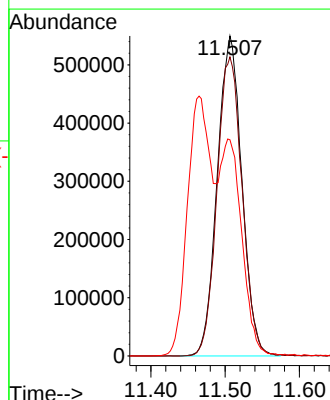
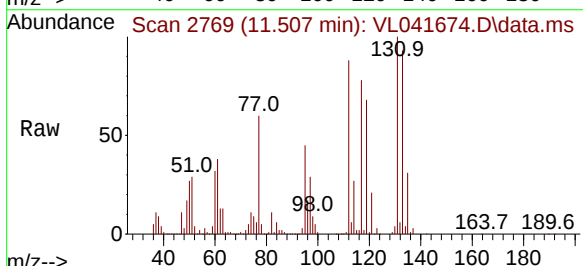
Tgt Ion:131 Resp: 1266326

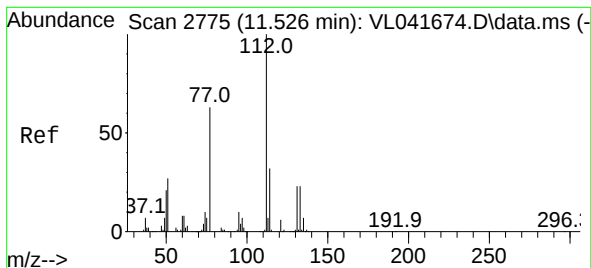
Ion Ratio Lower Upper

131 100

133 95.6 76.5 114.7

119 62.3 49.8 74.8

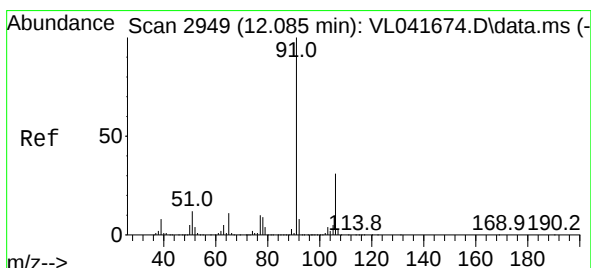
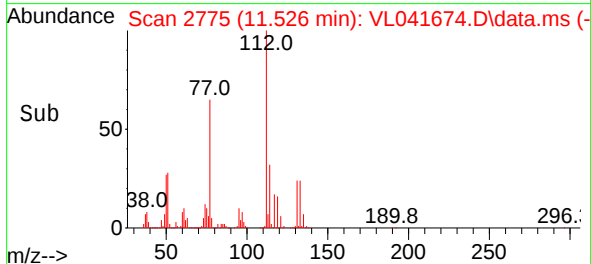
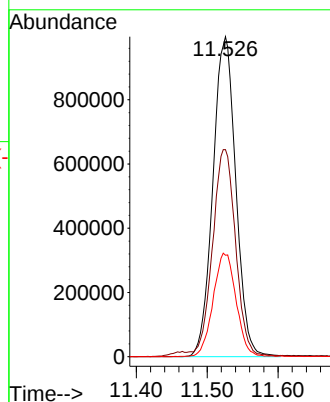
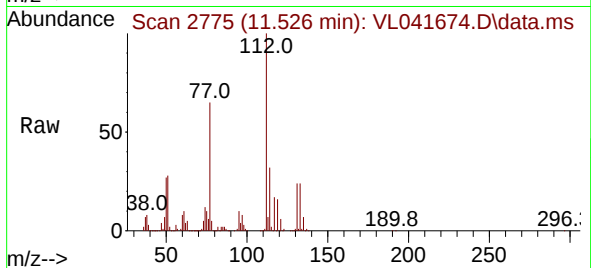




#57
Chlorobenzene
Concen: 7.821 ppbv
RT: 11.526 min Scan# 211
Delta R.T. 0.000 min
Lab File: VL041674.D
Acq: 7 Nov 2024 10:15

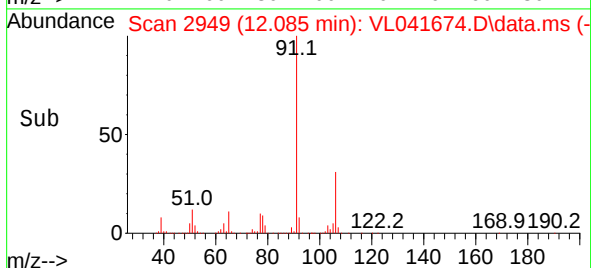
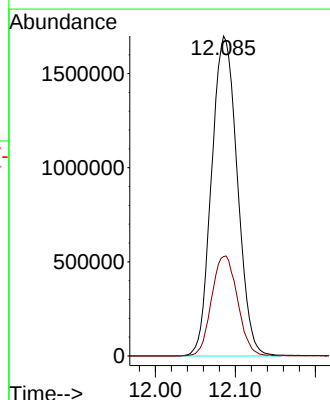
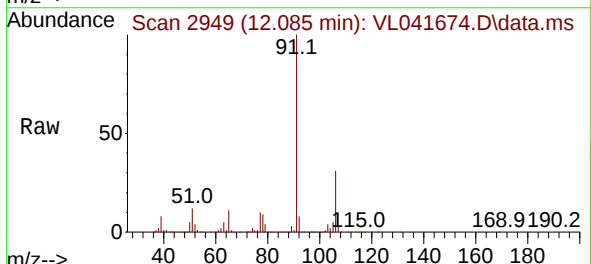
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

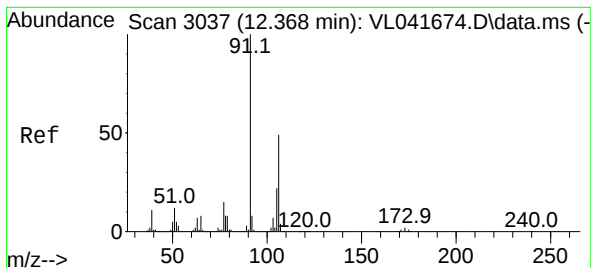
Tgt Ion:112 Resp: 2237328
Ion Ratio Lower Upper
112 100
77 64.3 51.4 77.2
114 31.6 28.4 34.8



#58
Ethyl Benzene
Concen: 8.928 ppbv
RT: 12.085 min Scan# 2949
Delta R.T. 0.000 min
Lab File: VL041674.D
Acq: 7 Nov 2024 10:15

Tgt Ion: 91 Resp: 3795372
Ion Ratio Lower Upper
91 100
106 31.1 24.9 37.3

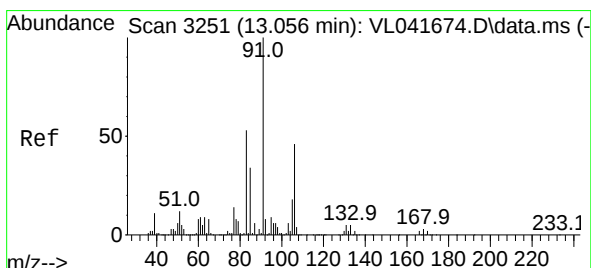
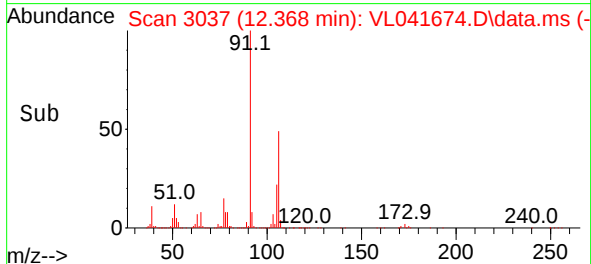
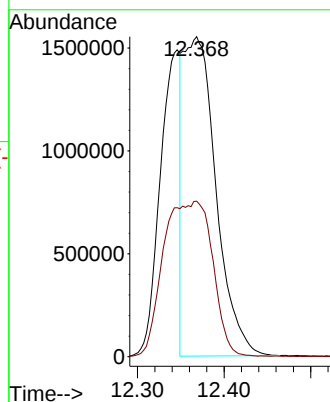
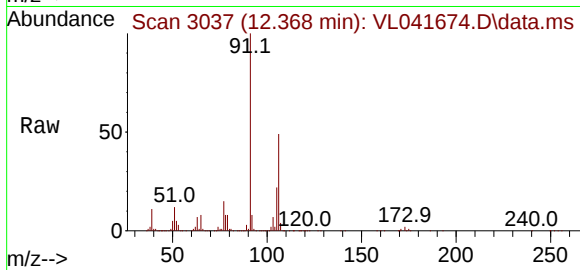




#59
m/p-Xylene
Concen: 10.651 ppbv
RT: 12.368 min Scan# 3037
Delta R.T. 0.000 min
Lab File: VL041674.D
Acq: 7 Nov 2024 10:15

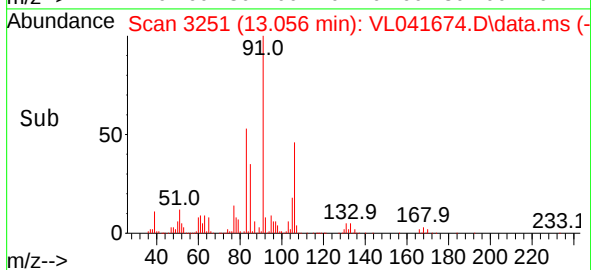
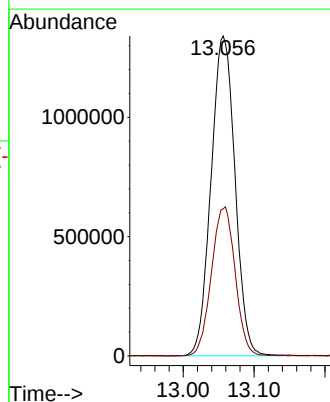
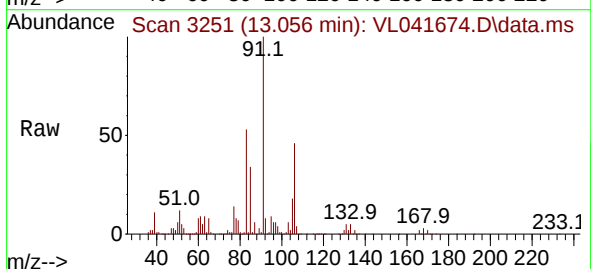
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

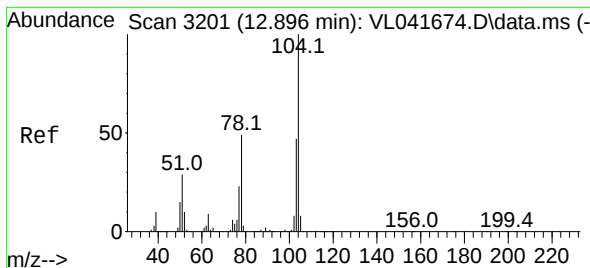
Tgt Ion: 91 Resp: 4050379
Ion Ratio Lower Upper
91 100
106 73.8 36.9 55.3#



#60
o-Xylene
Concen: 8.672 ppbv
RT: 13.056 min Scan# 3251
Delta R.T. 0.000 min
Lab File: VL041674.D
Acq: 7 Nov 2024 10:15

Tgt Ion: 91 Resp: 3148609
Ion Ratio Lower Upper
91 100
106 46.4 23.2 69.6





#61

Styrene

Concen: 10.115 ppbv

RT: 12.896 min Scan# 3201

Delta R.T. 0.000 min

Lab File: VL041674.D

Acq: 7 Nov 2024 10:15

Instrument :

MSVOA_L

ClientSampleId :

VSTDICCC010

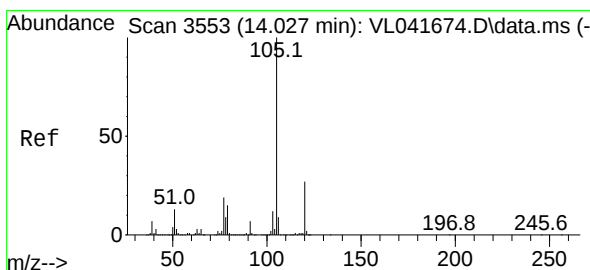
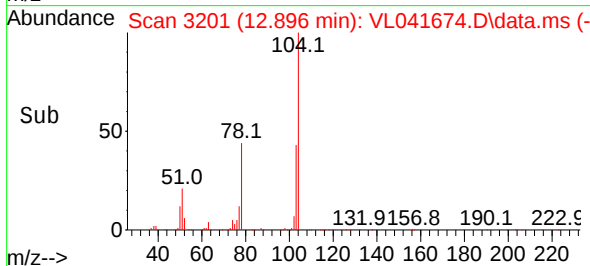
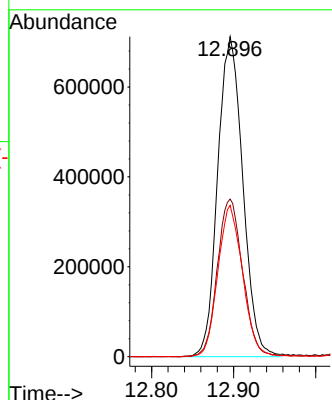
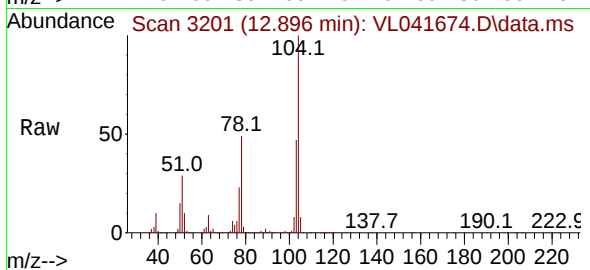
Tgt Ion:104 Resp: 1515741

Ion Ratio Lower Upper

104 100

78 49.8 39.8 59.8

103 46.7 37.4 56.0



#62

Isopropylbenzene

Concen: 8.291 ppbv

RT: 14.027 min Scan# 3553

Delta R.T. 0.000 min

Lab File: VL041674.D

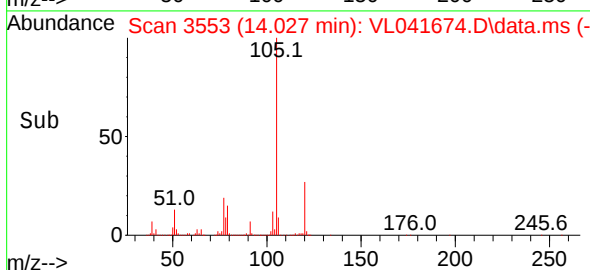
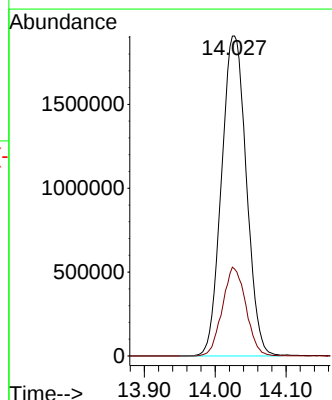
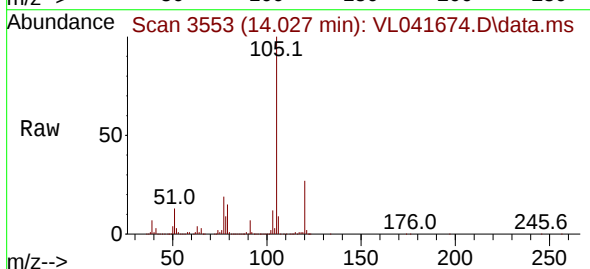
Acq: 7 Nov 2024 10:15

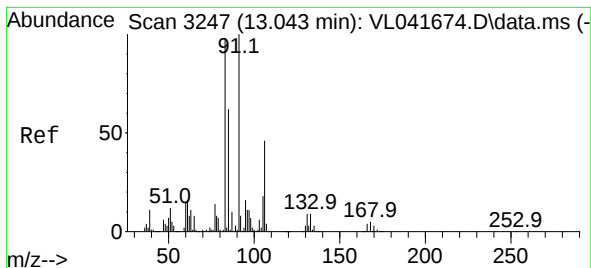
Tgt Ion:105 Resp: 4647017

Ion Ratio Lower Upper

105 100

120 26.4 21.1 31.7

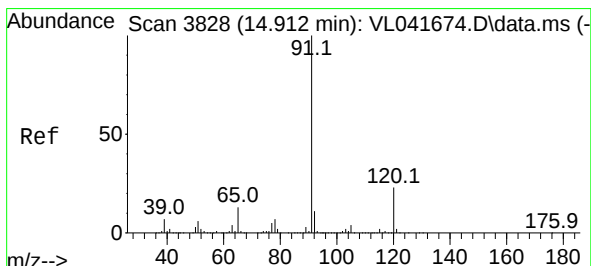
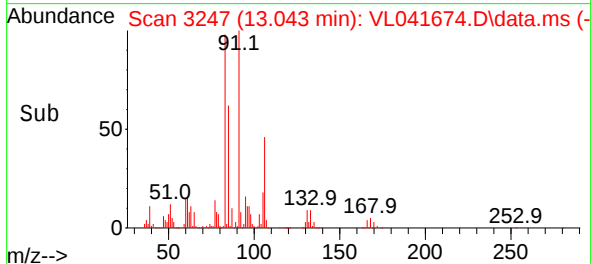
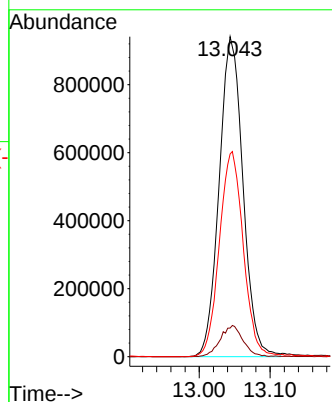
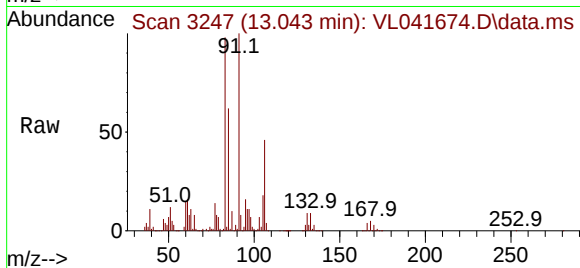




#63
1,1,2,2-Tetrachloroethane
Concen: 8.302 ppbv
RT: 13.043 min Scan# 3247
Delta R.T. 0.000 min
Lab File: VL041674.D
Acq: 7 Nov 2024 10:15

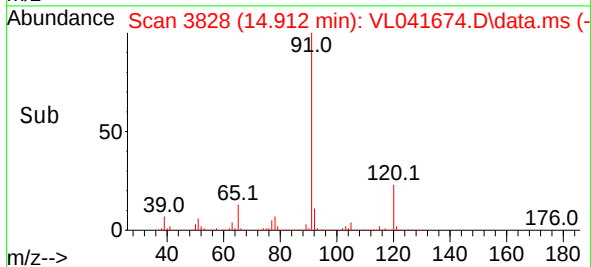
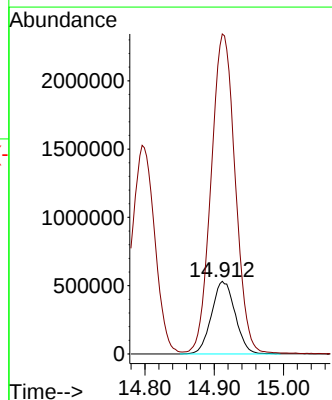
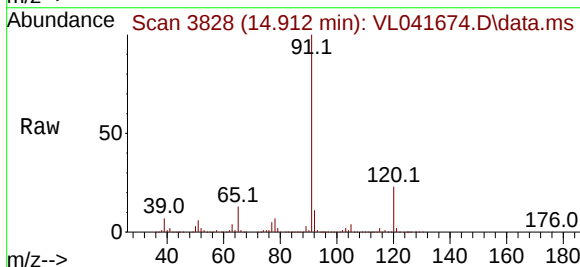
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

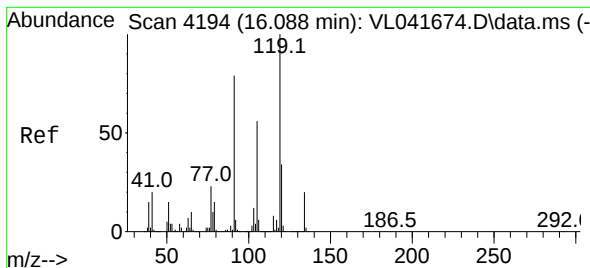
Tgt Ion: 83 Resp: 2194609
Ion Ratio Lower Upper
83 100
131 9.5 4.8 14.3
85 65.3 32.6 98.0



#64
n-propylbenzene
Concen: 8.577 ppbv
RT: 14.912 min Scan# 3828
Delta R.T. 0.000 min
Lab File: VL041674.D
Acq: 7 Nov 2024 10:15

Tgt Ion:120 Resp: 1256955
Ion Ratio Lower Upper
120 100
91 453.0 362.4 543.6





#65

tert-Butylbenzene

Concen: 8.263 ppbv

RT: 16.088 min Scan# 4194

Delta R.T. 0.000 min

Lab File: VL041674.D

Acq: 7 Nov 2024 10:15

Instrument :

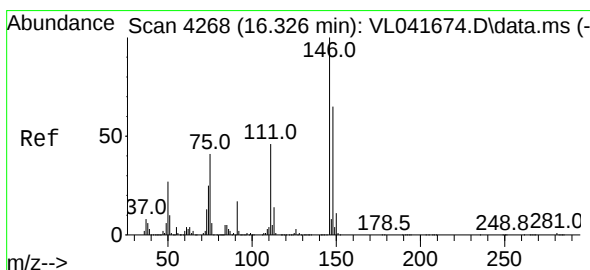
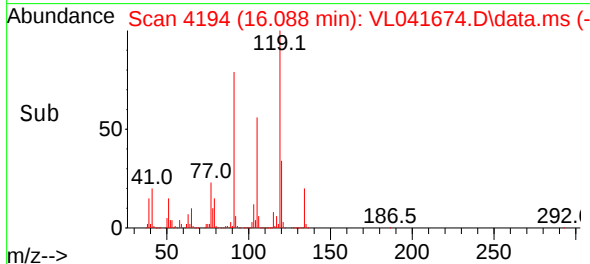
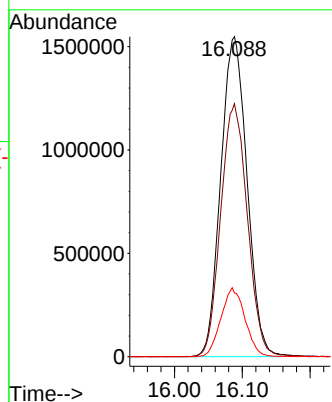
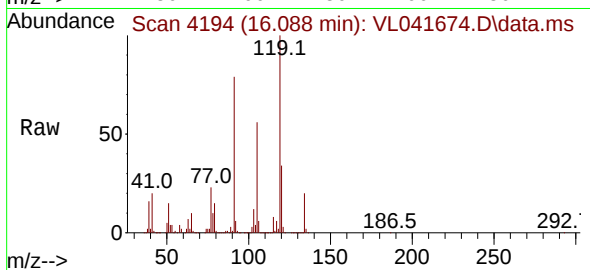
MSVOA_L

ClientSampleId :

VSTDICCC010

Tgt Ion:119 Resp: 4162243

Ion	Ratio	Lower	Upper
119	100		
91	80.4	64.3	96.5
134	19.8	15.8	23.8



#66

Benzyl Chloride

Concen: 9.917 ppbv

RT: 16.326 min Scan# 4268

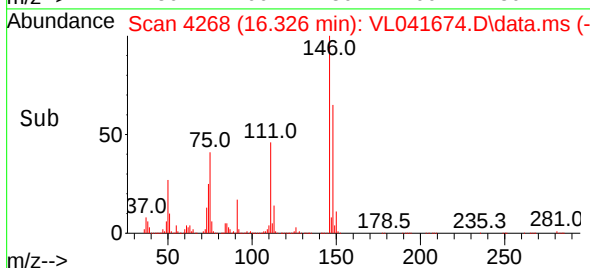
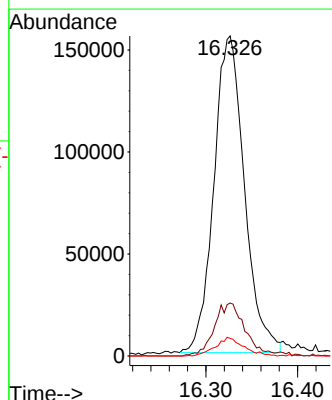
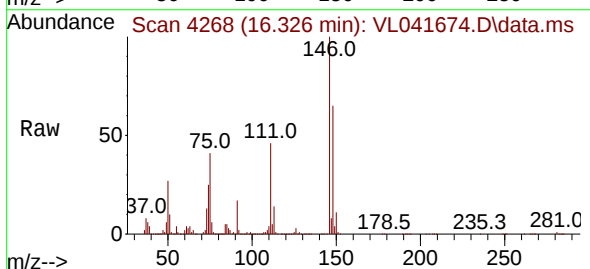
Delta R.T. 0.000 min

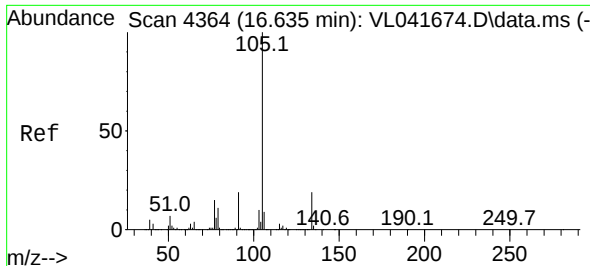
Lab File: VL041674.D

Acq: 7 Nov 2024 10:15

Tgt Ion: 91 Resp: 359794

Ion	Ratio	Lower	Upper
91	100		
126	17.2	13.8	20.6
128	5.4	4.3	6.5





#67

sec-Butylbenzene

Concen: 8.251 ppbv

RT: 16.635 min Scan# 4364

Delta R.T. 0.000 min

Lab File: VL041674.D

Acq: 7 Nov 2024 10:15

Instrument :

MSVOA_L

ClientSampleId :

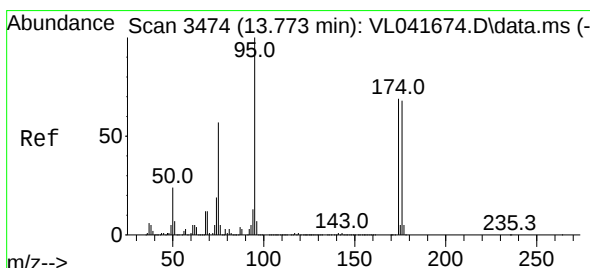
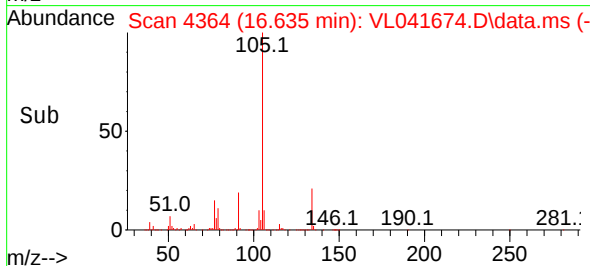
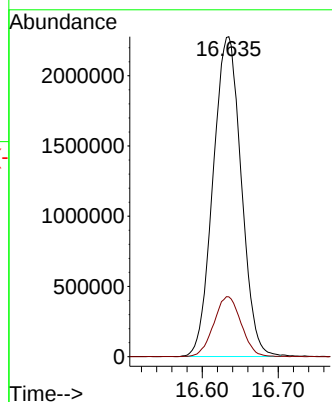
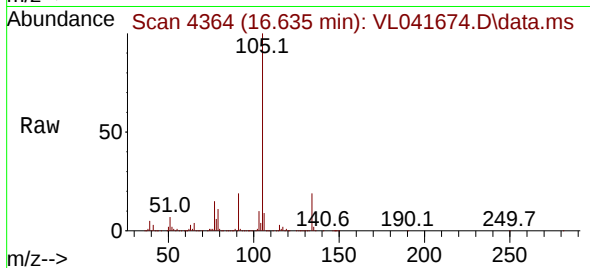
VSTDICCC010

Tgt Ion:105 Resp: 5857608

Ion Ratio Lower Upper

105 100

134 18.3 14.6 22.0



#68

1-Bromo-4-Fluorobenzene

Concen: 8.388 ppbv

RT: 13.773 min Scan# 3474

Delta R.T. 0.000 min

Lab File: VL041674.D

Acq: 7 Nov 2024 10:15

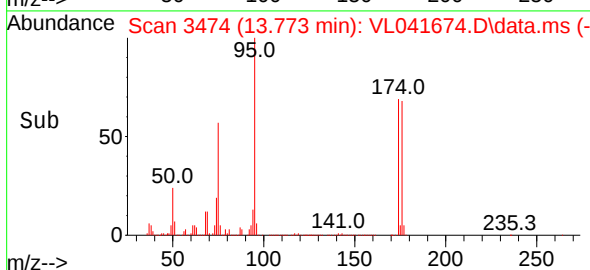
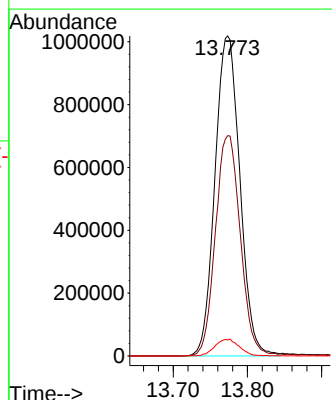
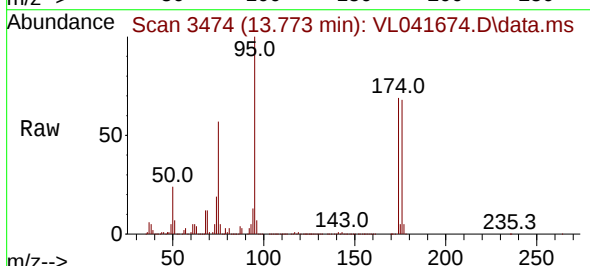
Tgt Ion: 95 Resp: 2380541

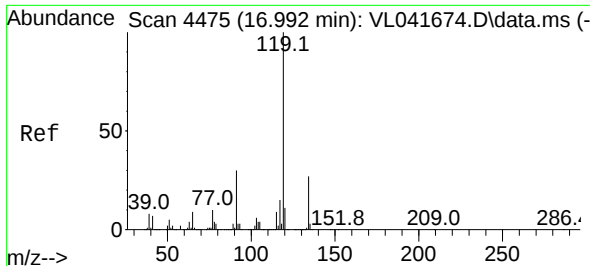
Ion Ratio Lower Upper

95 100

174 69.5 55.6 83.4

175 5.2 4.2 6.2





#69

p-Isopropyltoluene

Concen: 8.569 ppbv

RT: 16.992 min Scan# 4475

Delta R.T. 0.000 min

Lab File: VL041674.D

Acq: 7 Nov 2024 10:15

Instrument :

MSVOA_L

ClientSampleId :

VSTDICCC010

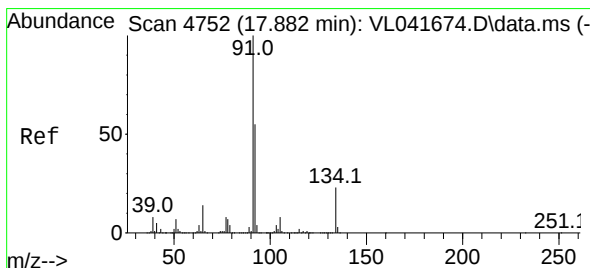
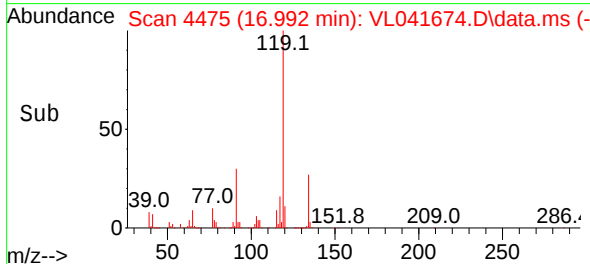
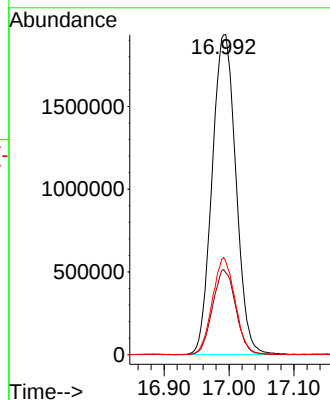
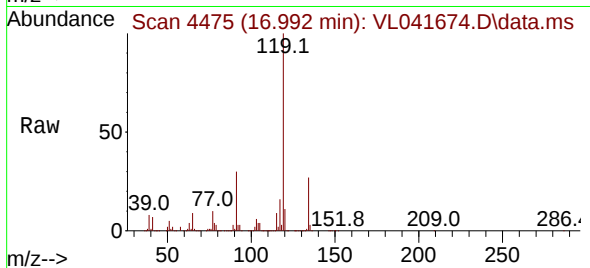
Tgt Ion:119 Resp: 4920309

Ion Ratio Lower Upper

119 100

134 26.0 20.8 31.2

91 29.0 23.2 34.8



#70

n-Butylbenzene

Concen: 8.531 ppbv

RT: 17.882 min Scan# 4752

Delta R.T. 0.000 min

Lab File: VL041674.D

Acq: 7 Nov 2024 10:15

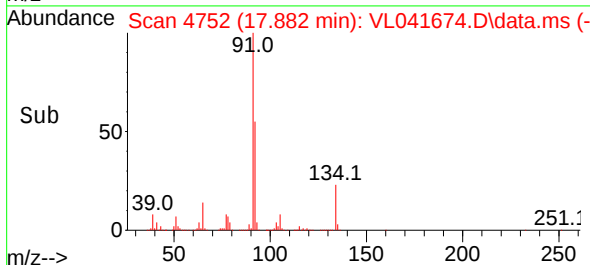
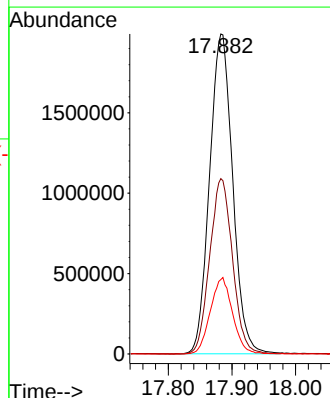
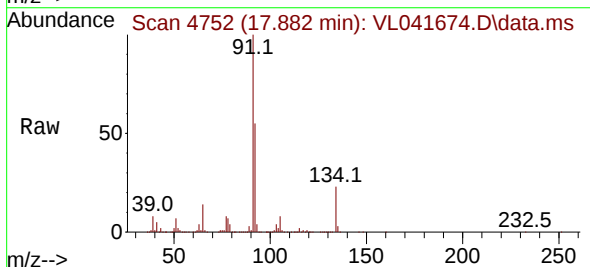
Tgt Ion: 91 Resp: 5021145

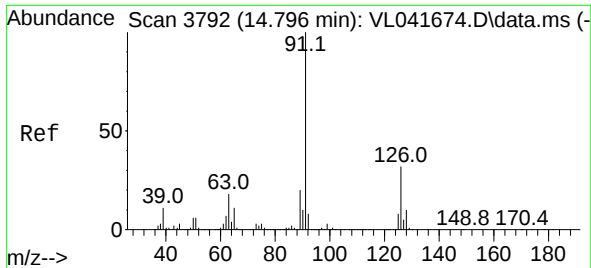
Ion Ratio Lower Upper

91 100

92 54.1 43.3 64.9

134 23.0 18.4 27.6

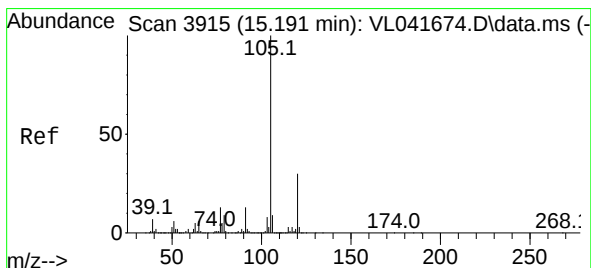
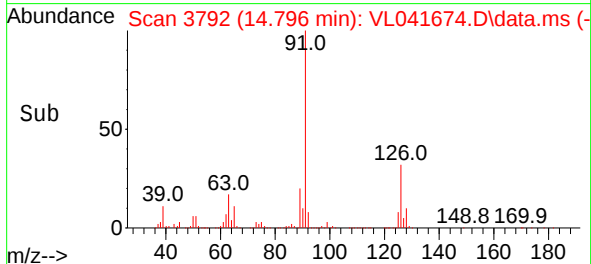
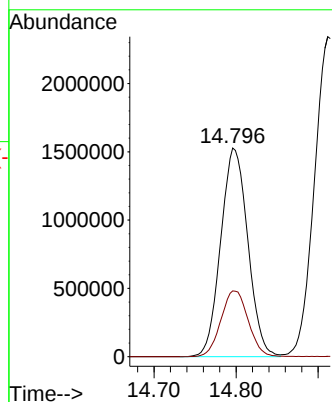
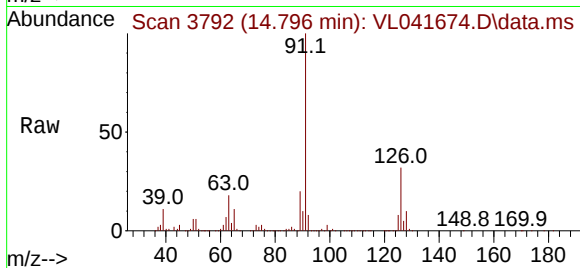




#71
2-Chlorotoluene
Concen: 8.656 ppbv
RT: 14.796 min Scan# 3792
Delta R.T. 0.000 min
Lab File: VL041674.D
Acq: 7 Nov 2024 10:15

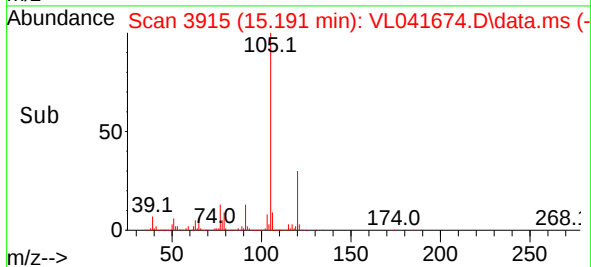
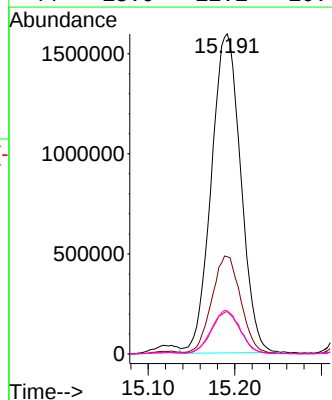
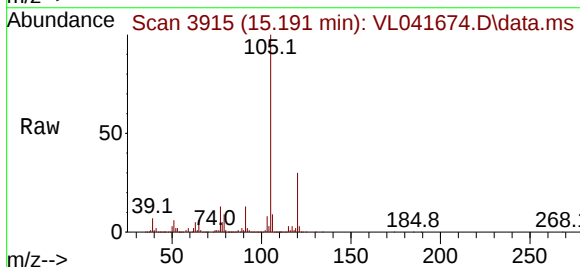
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

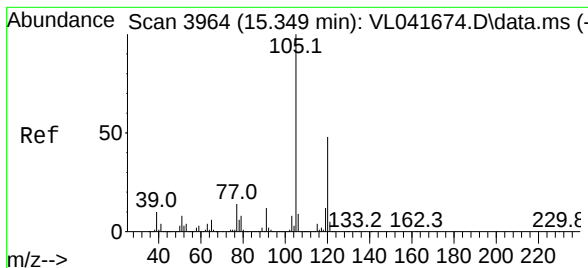
Tgt Ion: 91 Resp: 3508288
Ion Ratio Lower Upper
91 100
126 31.9 12.8 51.0



#72
4-Ethyltoluene
Concen: 8.925 ppbv
RT: 15.191 min Scan# 3915
Delta R.T. 0.000 min
Lab File: VL041674.D
Acq: 7 Nov 2024 10:15

Tgt Ion:105 Resp: 3763123
Ion Ratio Lower Upper
105 100
120 31.2 25.0 37.4
91 13.2 10.6 15.8
77 13.9 11.1 16.7





#73

1,3,5-Trimethylbenzene

Concen: 8.703 ppbv

RT: 15.349 min Scan# 3964

Delta R.T. 0.000 min

Lab File: VL041674.D

Acq: 7 Nov 2024 10:15

Instrument :

MSVOA_1

ClientSampleId :

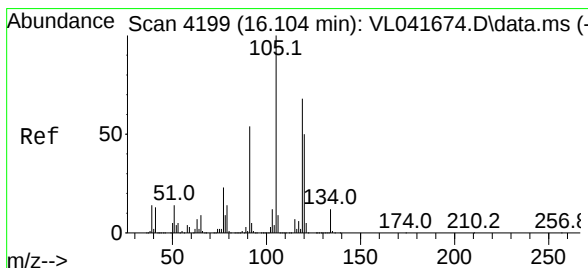
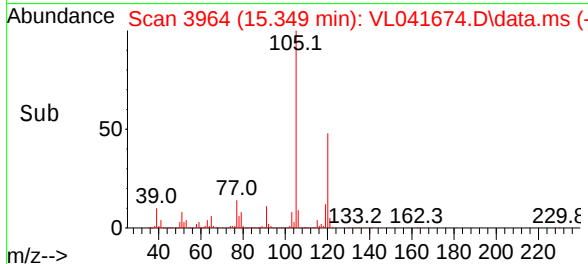
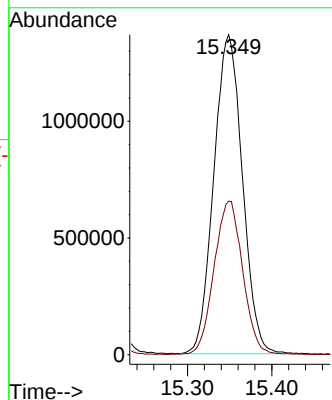
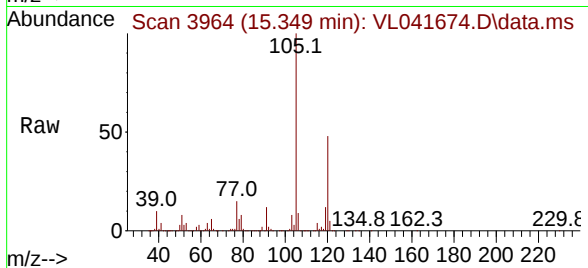
VSTDICCC010

Tgt Ion:105 Resp: 3217635

Ion Ratio Lower Upper

105 100

120 48.0 38.4 57.6



#74

1,2,4-Trimethylbenzene

Concen: 8.285 ppbv

RT: 16.104 min Scan# 4199

Delta R.T. 0.000 min

Lab File: VL041674.D

Acq: 7 Nov 2024 10:15

Tgt Ion:105 Resp: 3563067

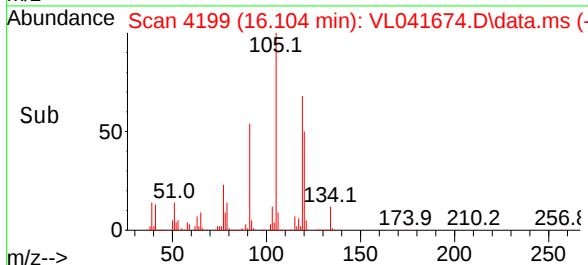
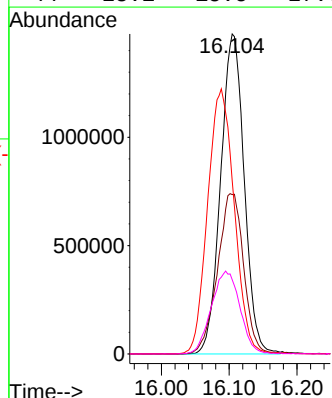
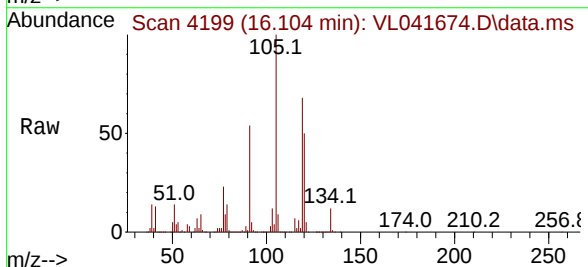
Ion Ratio Lower Upper

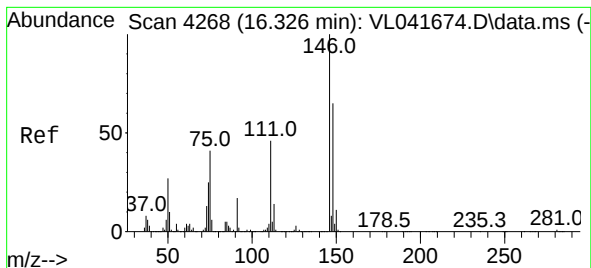
105 100

120 49.8 39.8 59.8

91 54.0 43.2 64.8

77 23.1 18.5 27.7





#75

1,3-Dichlorobenzene

Concen: 8.255 ppbv

RT: 16.326 min Scan# 4268

Delta R.T. 0.000 min

Lab File: VL041674.D

Acq: 7 Nov 2024 10:15

Instrument :

MSVOA_L

ClientSampleId :

VSTDICCC010

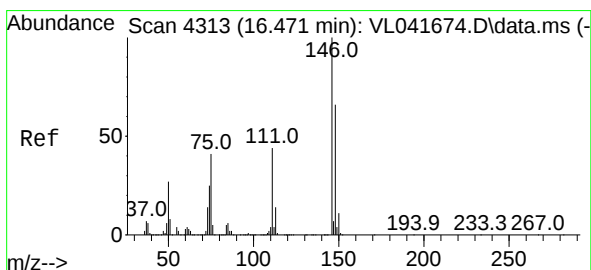
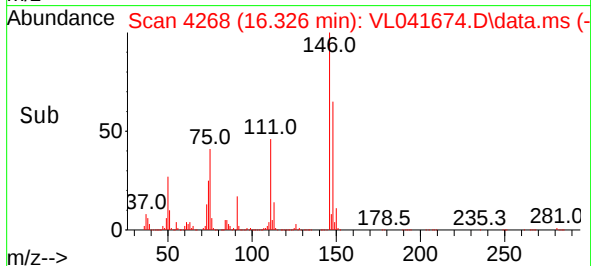
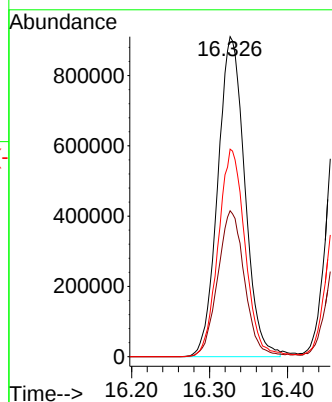
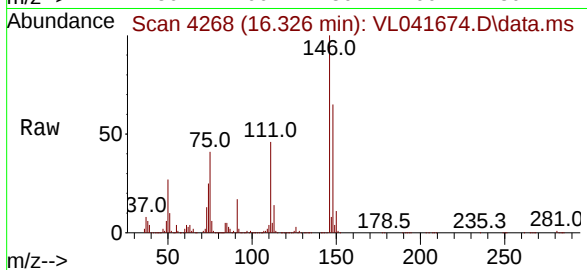
Tgt Ion:146 Resp: 2192903

Ion Ratio Lower Upper

146 100

111 45.5 22.8 68.3

148 64.7 32.4 97.0



#76

1,4-Dichlorobenzene

Concen: 8.216 ppbv

RT: 16.471 min Scan# 4313

Delta R.T. 0.000 min

Lab File: VL041674.D

Acq: 7 Nov 2024 10:15

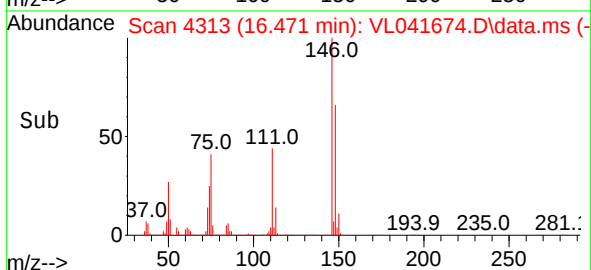
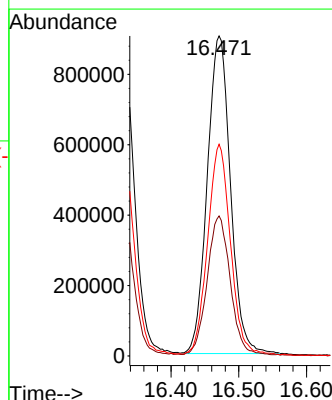
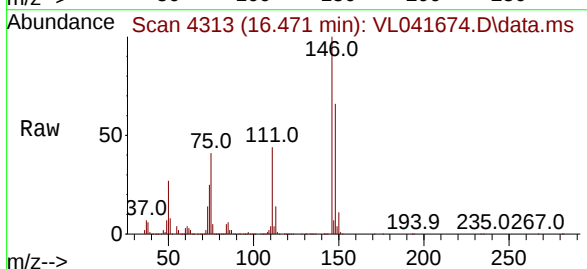
Tgt Ion:146 Resp: 2144446

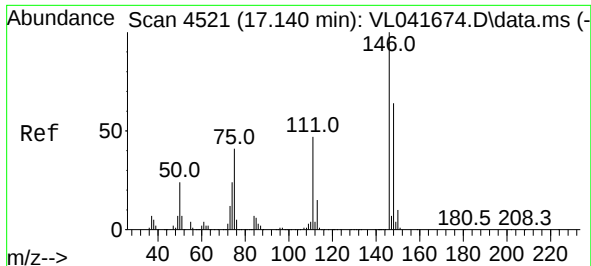
Ion Ratio Lower Upper

146 100

111 44.2 22.1 66.3

148 66.5 33.3 99.8

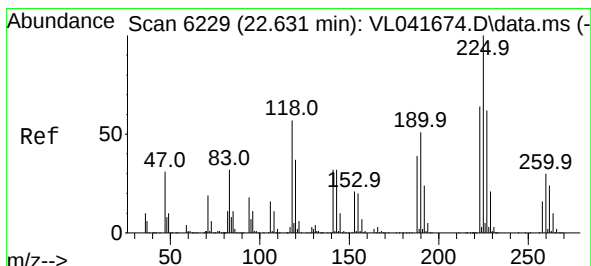
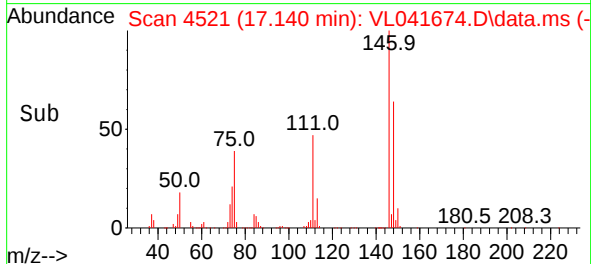
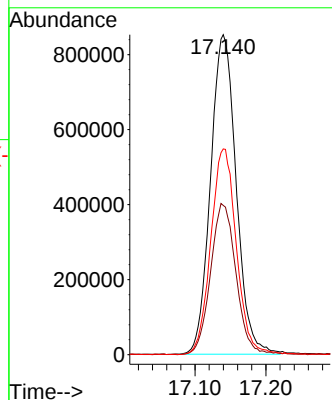
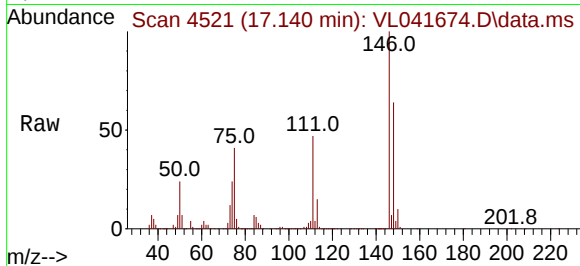




#77
1,2-Dichlorobenzene
Concen: 8.107 ppbv
RT: 17.140 min Scan# 4521
Delta R.T. 0.000 min
Lab File: VL041674.D
Acq: 7 Nov 2024 10:15

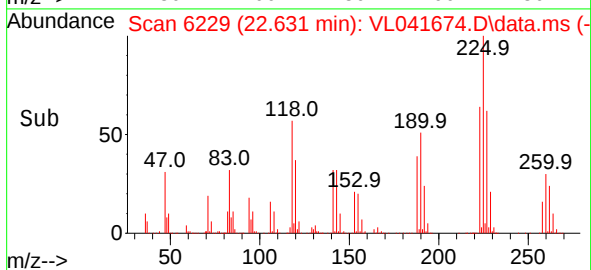
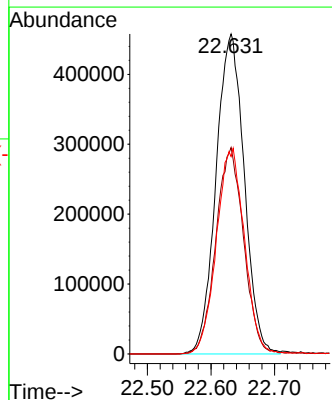
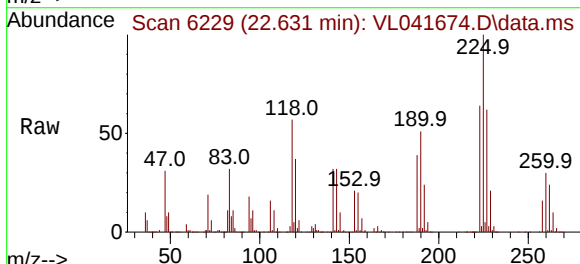
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

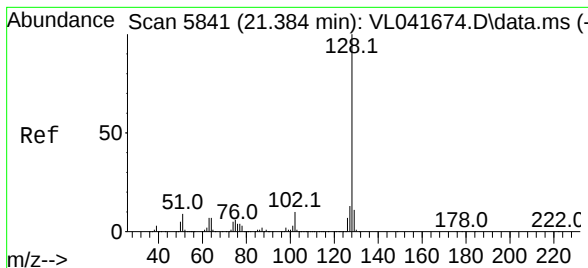
Tgt Ion:146 Resp: 2138612
Ion Ratio Lower Upper
146 100
111 46.9 23.4 70.3
148 64.3 32.1 96.5



#78
Hexachloro-1,3-Butadiene
Concen: 6.753 ppbv
RT: 22.631 min Scan# 6229
Delta R.T. 0.000 min
Lab File: VL041674.D
Acq: 7 Nov 2024 10:15

Tgt Ion:225 Resp: 1409325
Ion Ratio Lower Upper
225 100
223 63.9 51.1 76.7
227 64.1 51.3 76.9





#79

Naphthalene

Concen: 10.463 ppbv

RT: 21.384 min Scan# 5841

Delta R.T. 0.000 min

Lab File: VL041674.D

Acq: 7 Nov 2024 10:15

Instrument :

MSVOA_1

ClientSampleId :

VSTDICCC010

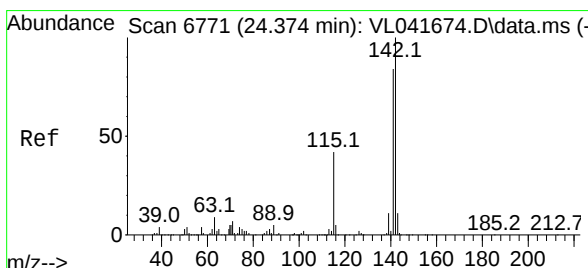
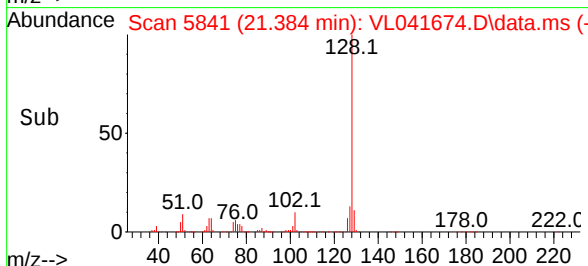
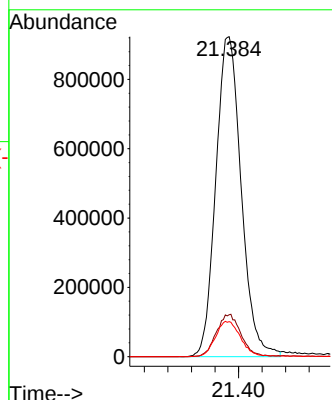
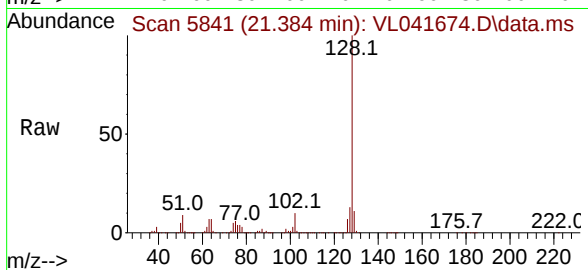
Tgt Ion:128 Resp: 2767333

Ion Ratio Lower Upper

128 100

127 13.1 10.5 15.7

129 10.9 8.7 13.1



#80

Naphthalene,2-methyl-

Concen: 9.497 ppbv

RT: 24.374 min Scan# 6771

Delta R.T. 0.000 min

Lab File: VL041674.D

Acq: 7 Nov 2024 10:15

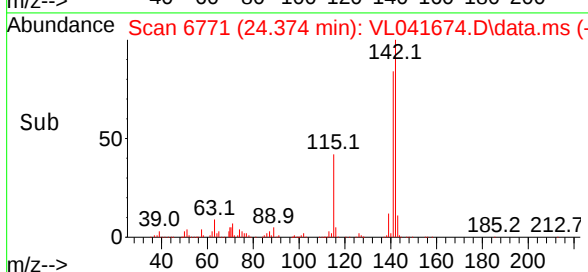
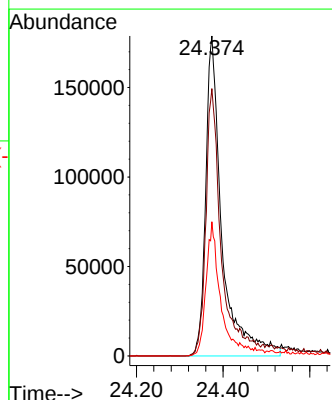
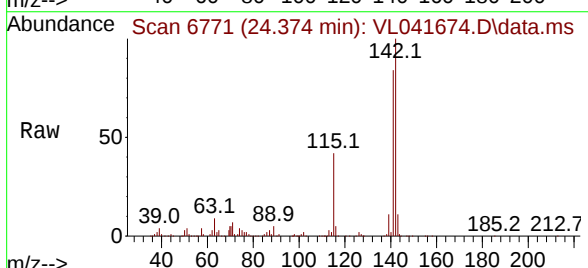
Tgt Ion:142 Resp: 466005

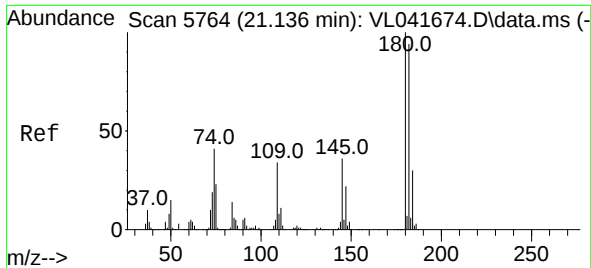
Ion Ratio Lower Upper

142 100

141 85.1 68.1 102.1

115 41.4 33.1 49.7





#81

1,2,4-Trichlorobenzene

Concen: 8.603 ppbv

RT: 21.136 min Scan# 5

Delta R.T. 0.000 min

Lab File: VL041674.D

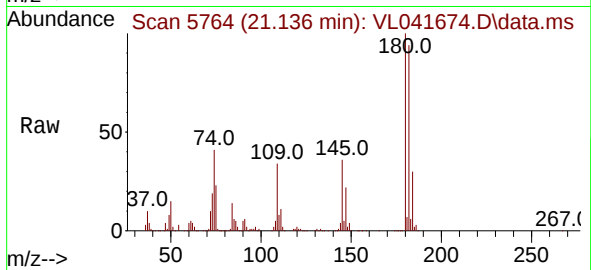
Acq: 7 Nov 2024 10:15

Instrument :

MSVOA_L

ClientSampleId :

VSTDICCC010



Tgt Ion:180 Resp: 1415249

Ion Ratio Lower Upper

180 100

182 97.7 78.2 117.2

184 31.2 25.0 37.4

