

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL082224\
 Data File : VL041580.D
 Acq On : 22 Aug 2024 10:03
 Operator : SY/MD
 Sample : VL0822ABS01
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0822ABS01

Quant Time: Aug 23 01:28:43 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL072524AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Fri Aug 23 01:15:26 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.192	49	951392	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.648	114	2549747	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.455	117	2973634	10.000	ppbv	0.00

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.760	95	1927128	8.421	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	84.200%

Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.742	85	1144685	6.994	ppbv	100
3) Chlorodifluoromethane	2.687	51	984770	8.695	ppbv	99
4) Chloromethane	2.825	50	527174	8.751	ppbv	99
5) Vinyl Chloride	2.931	62	528214	8.896	ppbv	97
6) Bromomethane	3.131	94	229366	7.516	ppbv	99
7) Chloroethane	3.205	64	188168	9.183	ppbv	99
8) Dichlorotetrafluoroethane	2.867	85	1255304	8.656	ppbv	98
9) Propene	2.706	41	436406	8.388	ppbv	99
10) Heptane	7.574	43	1122801	9.605	ppbv	100
11) Trichlorofluoromethane	3.568	101	1268188	8.725	ppbv	98
12) 1,1,2-Trichlorotrifluo...	4.069	101	909409	8.688	ppbv	100
13) Ethanol	3.256	45	27943	6.009	ppbv	78
14) Bromoethene	3.375	108	369980	9.067	ppbv	99
15) Acetone	3.475	43	925696	8.564	ppbv	100
16) 1,3-Butadiene	2.996	39	526777	9.121	ppbv	97
17) tert-Butyl alcohol	3.883	59	977448	9.915	ppbv	99
18) 1,1-Dichloroethene	3.886	96	392146	8.758	ppbv	99
19) Isopropyl Alcohol	3.581	45	587677	9.299	ppbv #	96
20) Methylene Chloride	3.938	84	330338	8.195	ppbv	97
21) Allyl Chloride	4.002	41	626485	8.837	ppbv	100
22) trans-1,2-Dichloroethene	4.446	96	400664	8.950	ppbv	98
23) Vinyl Acetate	4.629	43	744397	9.017	ppbv	98
24) 1,1-Dichloroethane	4.565	63	888852	9.144	ppbv	99
25) Ethyl Acetate	5.201	43	2009866	9.359	ppbv	99
26) Hexane	5.211	57	809267	9.084	ppbv	95
27) Carbon Disulfide	4.127	76	952480	9.139	ppbv	99
28) Methyl tert-Butyl Ether	4.587	73	495790	8.825	ppbv	99
29) Chloroform	5.275	83	1272755	8.759	ppbv	97
30) Cyclohexane	6.597	84	704784	9.715	ppbv	99
31) cis-1,2-Dichloroethene	5.079	61	787947	8.953	ppbv	97
32) 1,1,1-Trichloroethane	5.999	97	1253127	8.859	ppbv	100
34) 2-Butanone	4.787	43	1091296	8.848	ppbv	99
35) Carbon Tetrachloride	6.491	117	1307890	9.300	ppbv	99
36) Benzene	6.365	78	1750419	9.395	ppbv	99
37) 1,2-Dichloroethane	5.803	62	967289	9.276	ppbv	99
38) Trichloroethene	7.285	130	862219	10.102	ppbv	97
39) 1,2-Dichloropropane	7.069	63	680927	9.546	ppbv	99
40) 1,4-Dioxane	7.278	88	252157	8.800	ppbv #	1
41) Tetrahydrofuran	5.555	42	708336	10.041	ppbv	97
42) Bromodichloromethane	7.243	83	1397349	9.280	ppbv	97
43) Methyl Methacrylate	7.465	69	684632	10.248	ppbv	96
44) 2,2,4-Trimethylpentane	7.320	57	2982924	9.586	ppbv	99
45) t-1,3-Dichloropropene	8.703	75	557101	9.060	ppbv	98

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 Acq On : 22 Aug 2024 10:03
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 Sample : VL0822ABS01
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0822ABS01

Quant Time: Aug 23 01:28:43 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL072524AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Fri Aug 23 01:15:26 2024
 Response via : Initial Calibration

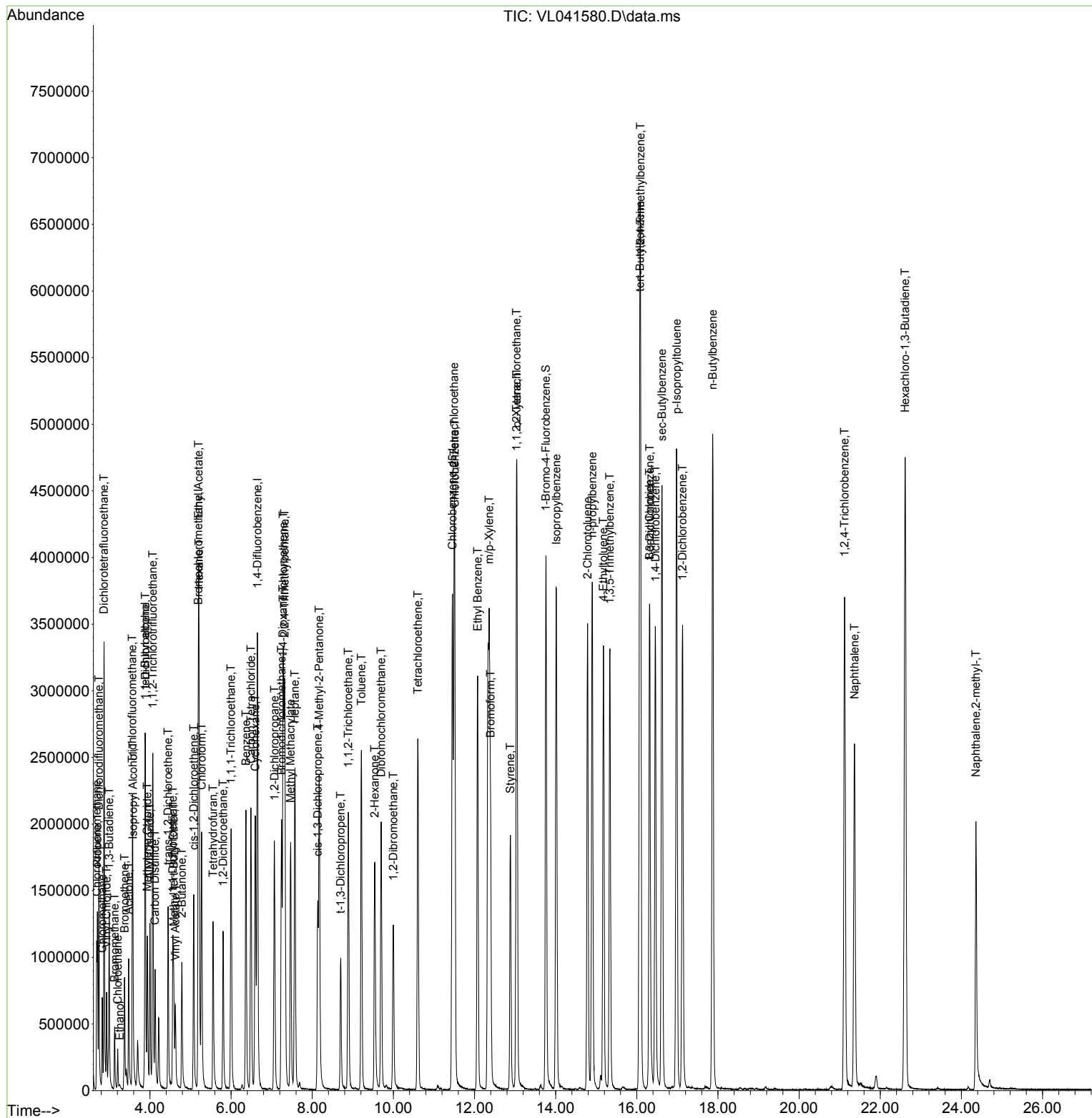
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.137	75	763951	8.603	ppbv	98
47) 1,1,2-Trichloroethane	8.889	97	737000	9.374	ppbv	96
48) Dibromochloromethane	9.700	129	1226026	9.679	ppbv	100
49) Bromoform	12.394	173	1143256	10.685	ppbv	99
50) 4-Methyl-2-Pentanone	8.172	43	1973933	10.144	ppbv	100
51) 2-Hexanone	9.542	43	1590181	10.807	ppbv #	97
52) Tetrachloroethene	10.603	164	664706	9.233	ppbv	99
53) Toluene	9.211	91	2046620	9.862	ppbv	99
54) 1,2-Dibromoethane	9.999	107	1021713	9.763	ppbv	97
56) 1,1,1,2-Tetrachloroethane	11.497	131	924704	8.018	ppbv #	54
57) Chlorobenzene	11.513	112	1666723	7.872	ppbv	99
58) Ethyl Benzene	12.076	91	2836096	8.275	ppbv	99
59) m/p-Xylene	12.359	91	2765565	9.347	ppbv #	46
60) o-Xylene	13.043	91	2396798	8.563	ppbv	100
61) Styrene	12.886	104	1151033	9.116	ppbv	98
62) Isopropylbenzene	14.018	105	3496678	8.218	ppbv	99
63) 1,1,2,2-Tetrachloroethane	13.034	83	1458342	8.251	ppbv	100
64) n-propylbenzene	14.902	120	961884	8.647	ppbv	95
65) tert-Butylbenzene	16.075	119	3320094	8.639	ppbv	99
66) Benzyl Chloride	16.313	91	205074	8.319	ppbv	99
67) sec-Butylbenzene	16.619	105	4740419	8.953	ppbv	100
69) p-Isopropyltoluene	16.982	119	4034989	9.183	ppbv	100
70) n-Butylbenzene	17.870	91	4306968	9.562	ppbv	100
71) 2-Chlorotoluene	14.786	91	2736065	8.720	ppbv	99
72) 4-Ethyltoluene	15.175	105	2986324	9.063	ppbv	99
73) 1,3,5-Trimethylbenzene	15.336	105	2581930	9.095	ppbv	99
74) 1,2,4-Trimethylbenzene	16.092	105	2964615	8.983	ppbv	97
75) 1,3-Dichlorobenzene	16.317	146	1873937	9.033	ppbv	100
76) 1,4-Dichlorobenzene	16.458	146	1808964	9.005	ppbv	100
77) 1,2-Dichlorobenzene	17.127	146	1923961	9.355	ppbv	99
78) Hexachloro-1,3-Butadiene	22.612	225	1496133	8.531	ppbv	99
79) Naphthalene	21.365	128	3314588	11.379	ppbv	99
80) Naphthalene,2-methyl-	24.358	142	1396988	5.721	ppbv	100
81) 1,2,4-Trichlorobenzene	21.123	180	1715541	9.897	ppbv	100

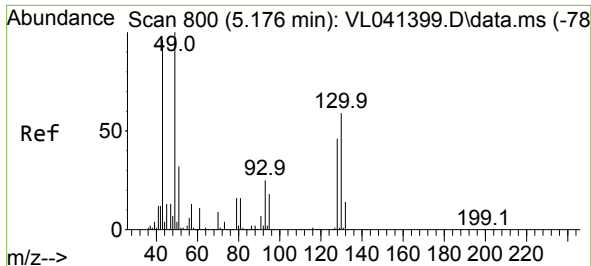
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 Data File : VL041580.D
 Acq On : 22 Aug 2024 10:03
 Operator : SY/MD
 Sample : VL08222ABS01
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VL08222ABS01

Quant Time: Aug 23 01:28:43 2024
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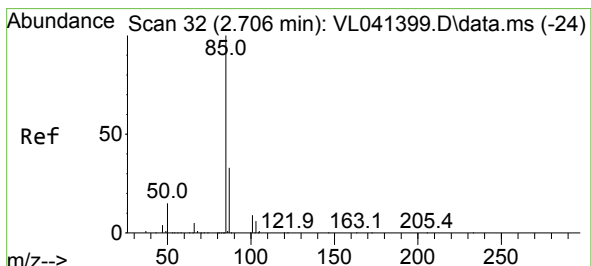
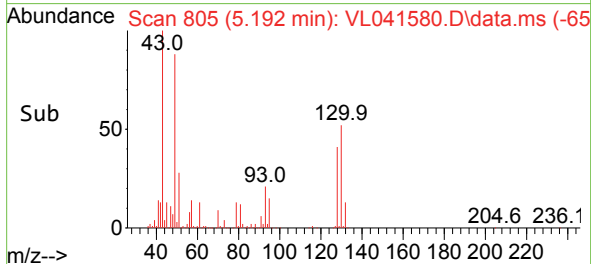
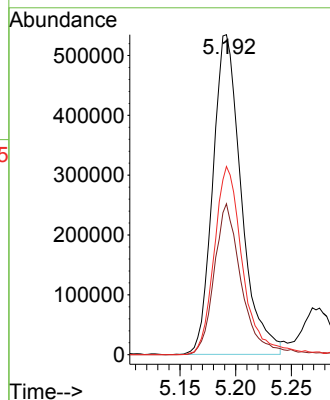
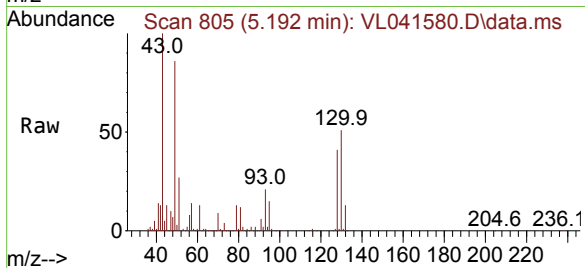




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.192 min Scan# 80
Delta R.T. -0.000 min
Lab File: VL041580.D
Acq: 22 Aug 2024 10:03

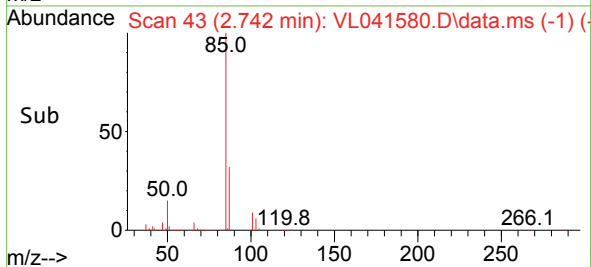
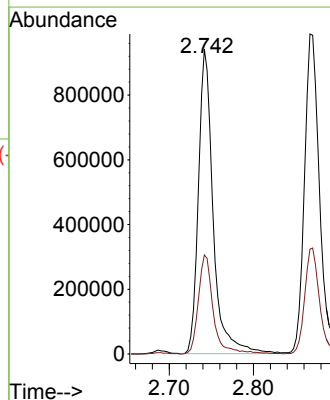
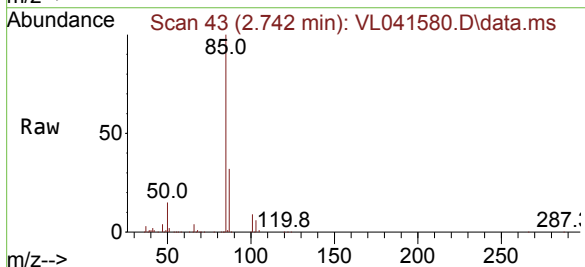
Instrument :
MSVOA_L
ClientSampleId :
VL0822ABS01

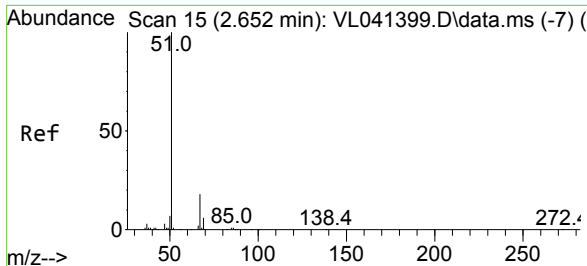
Tgt Ion: 49 Resp: 951392
Ion Ratio Lower Upper
49 100
128 45.6 23.8 71.4
130 60.2 30.8 92.4



#2
Dichlorodifluoromethane
Concen: 6.994 ppbv
RT: 2.742 min Scan# 43
Delta R.T. -0.003 min
Lab File: VL041580.D
Acq: 22 Aug 2024 10:03

Tgt Ion: 85 Resp: 1144685
Ion Ratio Lower Upper
85 100
87 32.5 26.0 39.0

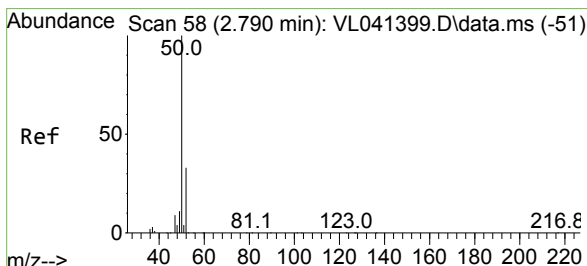
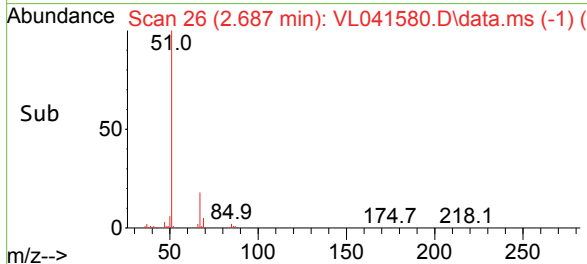
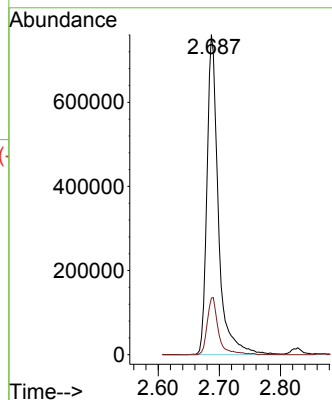
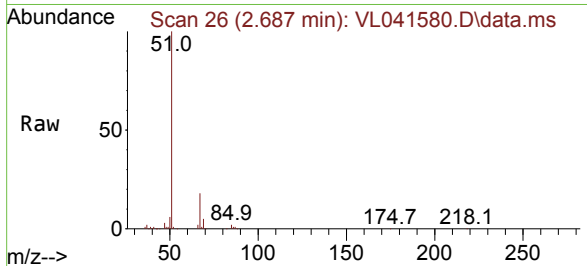




#3
Chlorodifluoromethane
Concen: 8.695 ppbv
RT: 2.687 min Scan# 21
Delta R.T. -0.003 min
Lab File: VL041580.D
Acq: 22 Aug 2024 10:03

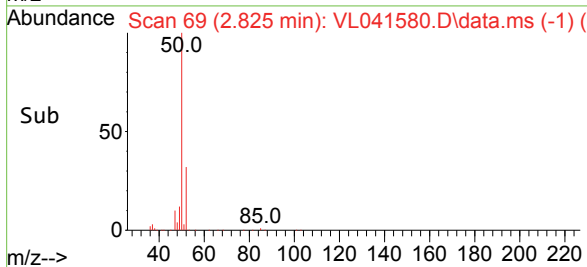
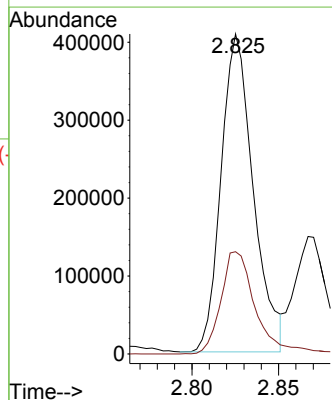
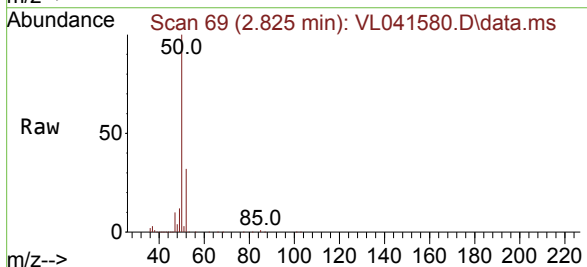
Instrument :
MSVOA_L
ClientSampleId :
VL0822ABS01

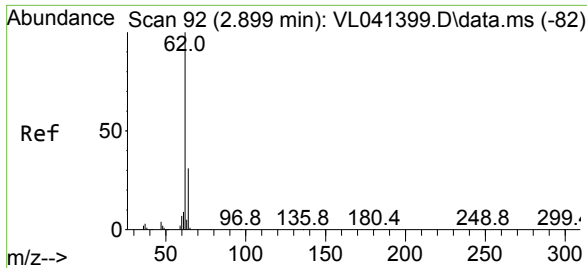
Tgt Ion: 51 Resp: 984770
Ion Ratio Lower Upper
51 100
67 17.8 14.5 21.7



#4
Chloromethane
Concen: 8.751 ppbv
RT: 2.825 min Scan# 69
Delta R.T. -0.000 min
Lab File: VL041580.D
Acq: 22 Aug 2024 10:03

Tgt Ion: 50 Resp: 527174
Ion Ratio Lower Upper
50 100
52 32.2 26.1 39.1

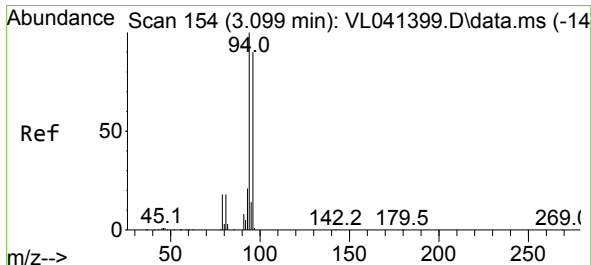
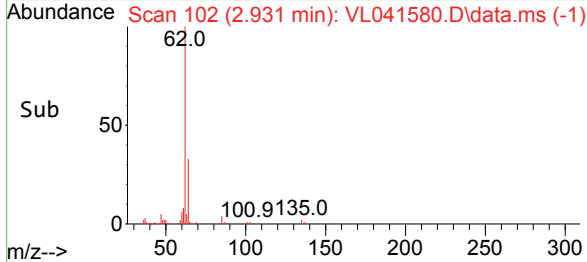
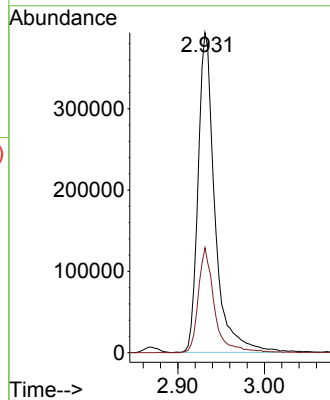
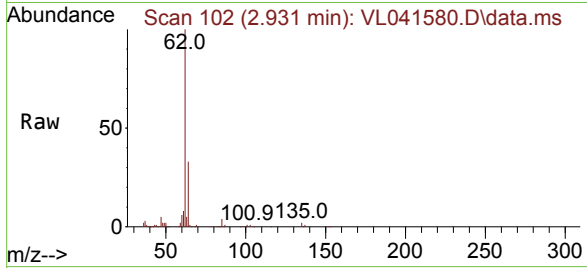




#5
 Vinyl Chloride
 Concen: 8.896 ppbv
 RT: 2.931 min Scan# 102
 Delta R.T. -0.000 min
 Lab File: VL041580.D
 Acq: 22 Aug 2024 10:03

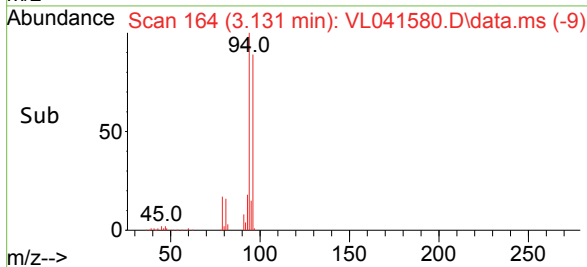
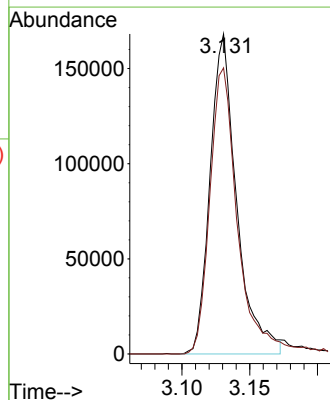
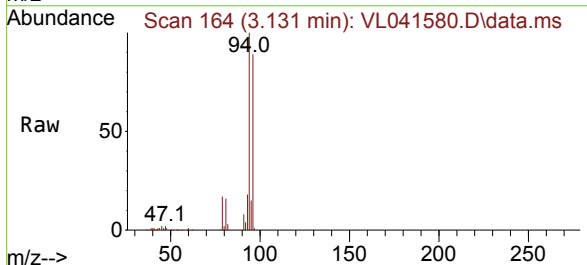
Instrument :
 MSVOA_L
 ClientSampleId :
 VL0822ABS01

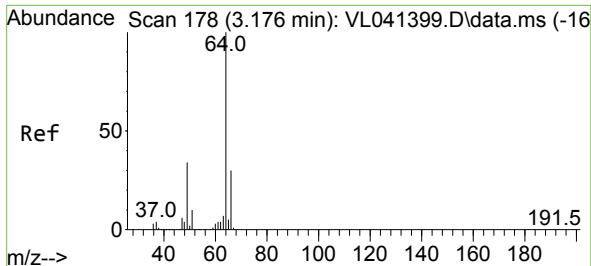
Tgt Ion: 62 Resp: 528214
 Ion Ratio Lower Upper
 62 100
 64 32.8 25.0 37.4



#6
 Bromomethane
 Concen: 7.516 ppbv
 RT: 3.131 min Scan# 164
 Delta R.T. -0.000 min
 Lab File: VL041580.D
 Acq: 22 Aug 2024 10:03

Tgt Ion: 94 Resp: 229366
 Ion Ratio Lower Upper
 94 100
 96 89.4 72.3 108.5

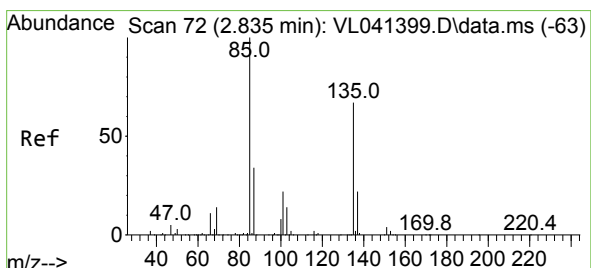
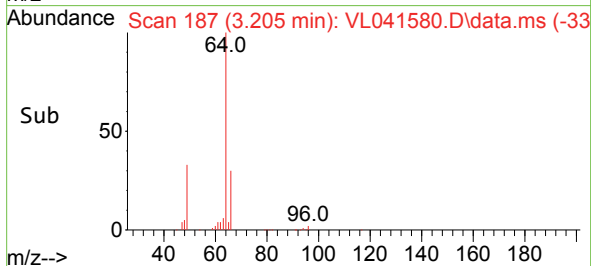
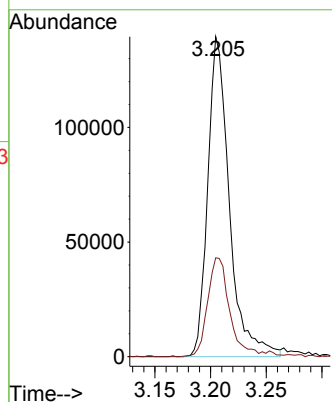
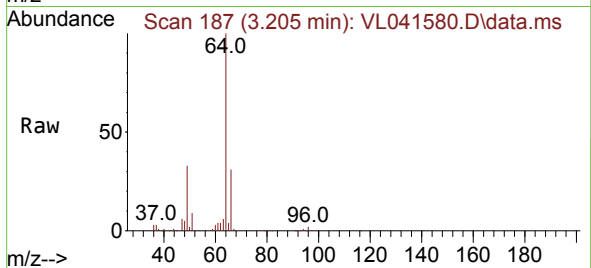




#7
Chloroethane
Concen: 9.183 ppbv
RT: 3.205 min Scan# 11
Delta R.T. -0.003 min
Lab File: VL041580.D
Acq: 22 Aug 2024 10:03

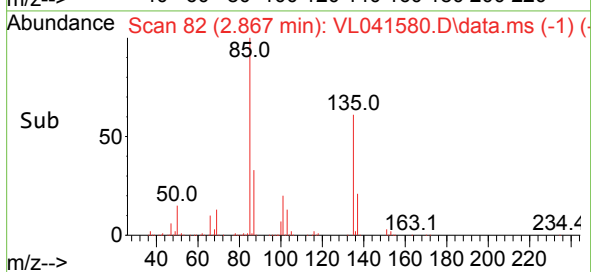
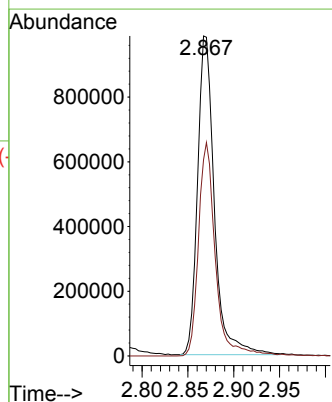
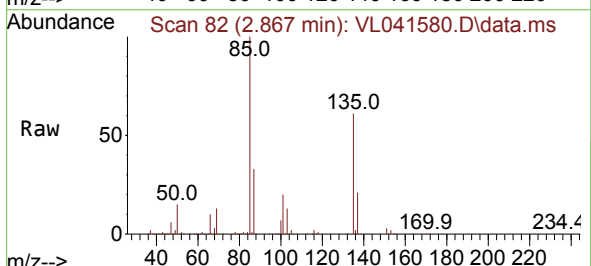
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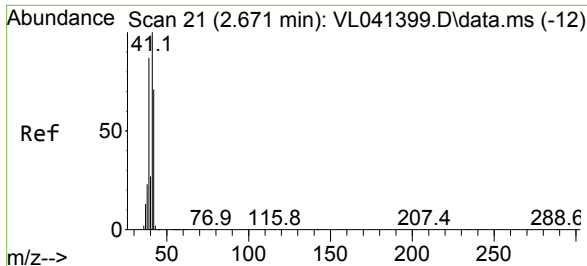
Tgt Ion: 64 Resp: 188168
Ion Ratio Lower Upper
64 100
66 30.9 24.2 36.2



#8
Dichlorotetrafluoroethane
Concen: 8.656 ppbv
RT: 2.867 min Scan# 82
Delta R.T. -0.003 min
Lab File: VL041580.D
Acq: 22 Aug 2024 10:03

Tgt Ion: 85 Resp: 1255304
Ion Ratio Lower Upper
85 100
135 67.6 55.4 83.0





#9

Propene

Concen: 8.388 ppbv

RT: 2.706 min Scan# 31

Delta R.T. -0.003 min

Lab File: VL041580.D

Acq: 22 Aug 2024 10:03

Instrument :

MSVOA_L

ClientSampleId :

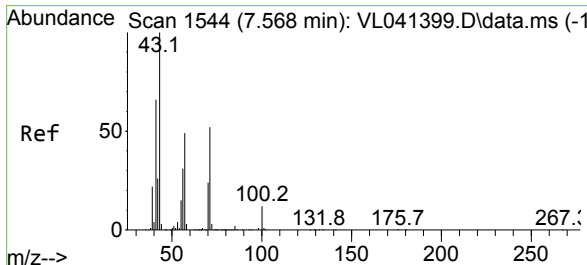
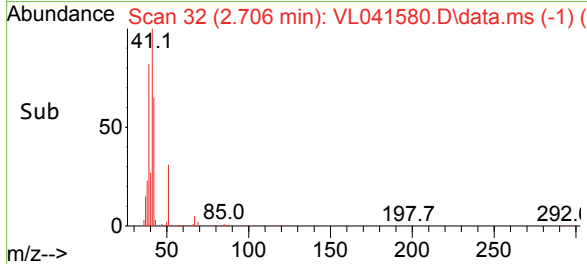
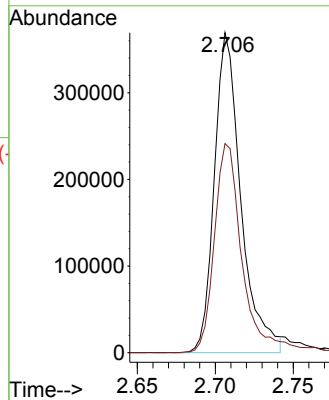
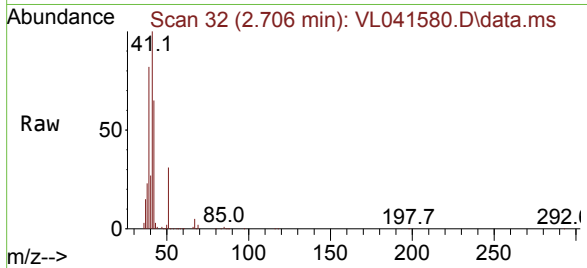
VL0822ABS01

Tgt Ion: 41 Resp: 436406

Ion Ratio Lower Upper

41 100

42 70.4 55.9 83.9



#10

Heptane

Concen: 9.605 ppbv

RT: 7.574 min Scan# 1546

Delta R.T. -0.000 min

Lab File: VL041580.D

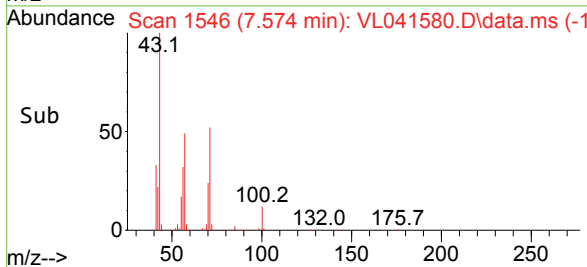
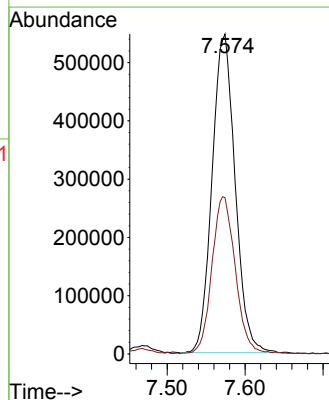
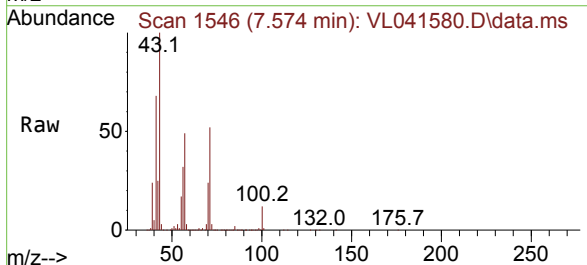
Acq: 22 Aug 2024 10:03

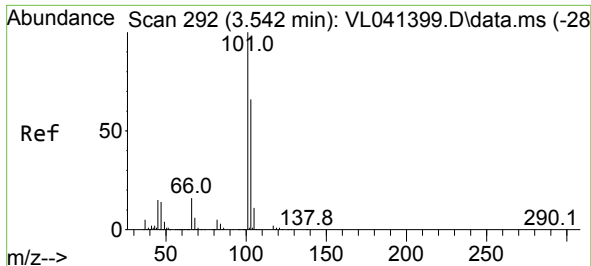
Tgt Ion: 43 Resp: 1122801

Ion Ratio Lower Upper

43 100

57 50.3 40.5 60.7

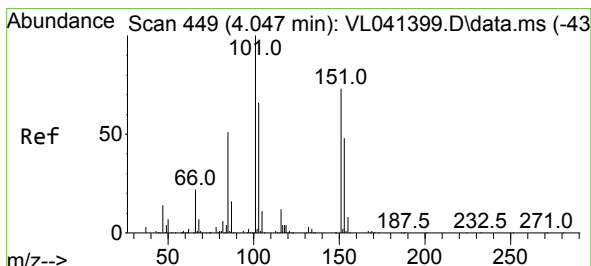
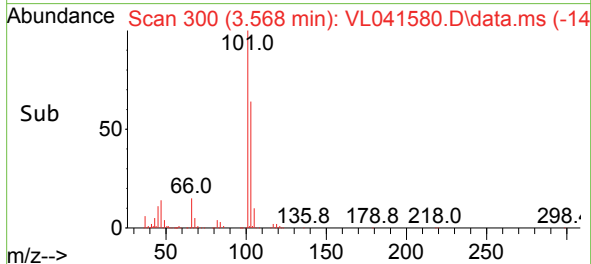
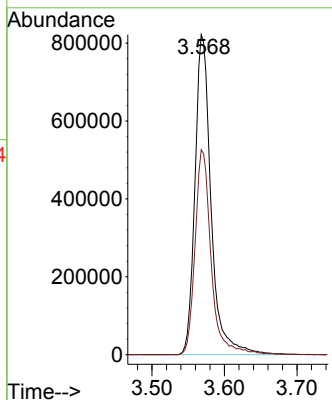
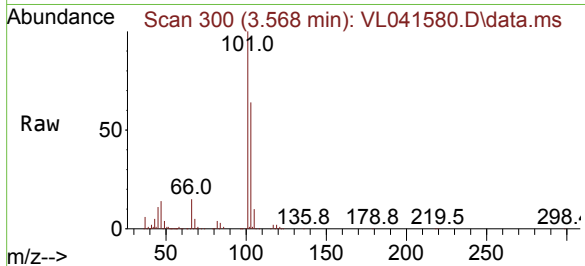




#11
 Trichlorofluoromethane
 Concen: 8.725 ppbv
 RT: 3.568 min Scan# 30
 Delta R.T. -0.003 min
 Lab File: VL041580.D
 Acq: 22 Aug 2024 10:03

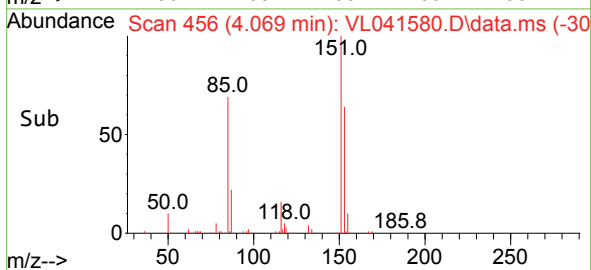
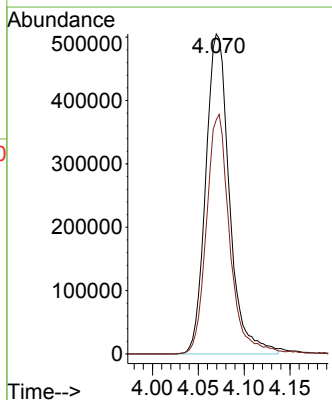
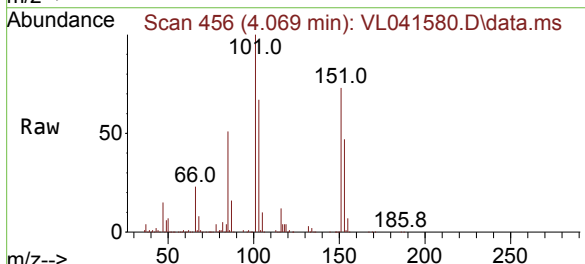
Instrument :
 MSVOA_L
 ClientSampleId :
 VL0822ABS01

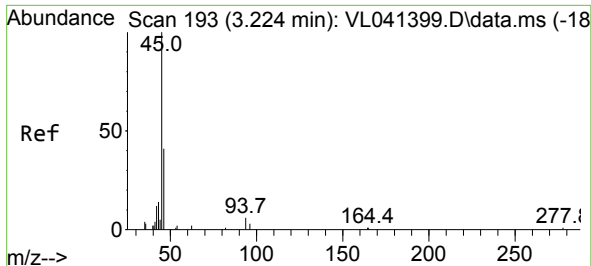
Tgt Ion:101 Resp: 1268188
 Ion Ratio Lower Upper
 101 100
 103 64.0 52.6 79.0



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 8.688 ppbv
 RT: 4.069 min Scan# 456
 Delta R.T. -0.003 min
 Lab File: VL041580.D
 Acq: 22 Aug 2024 10:03

Tgt Ion:101 Resp: 909409
 Ion Ratio Lower Upper
 101 100
 151 74.2 59.4 89.2

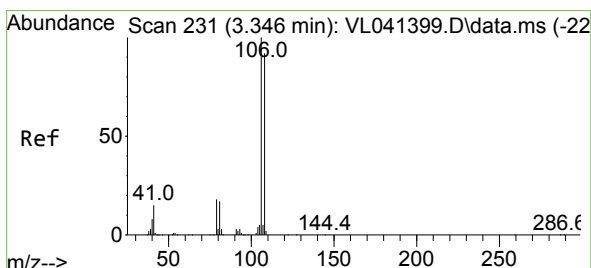
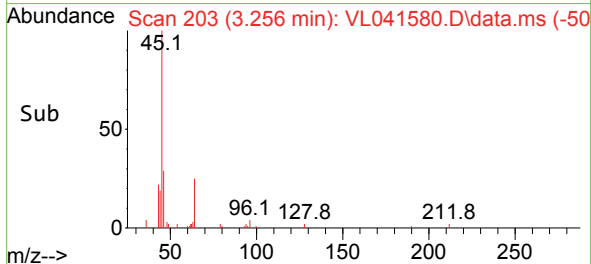
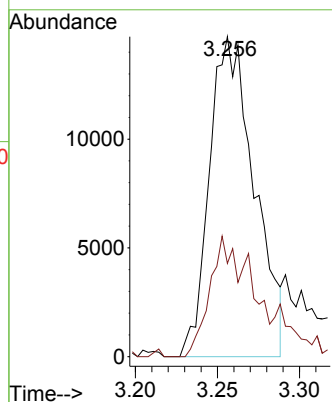
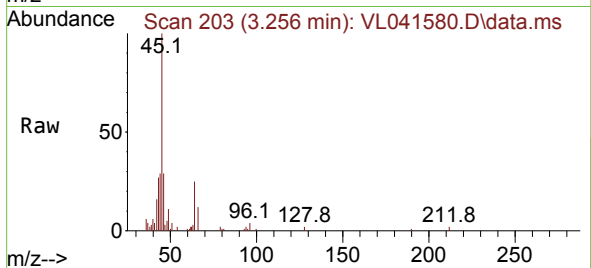




#13
Ethanol
Concen: 6.009 ppbv
RT: 3.256 min Scan# 203
Delta R.T. -0.007 min
Lab File: VL041580.D
Acq: 22 Aug 2024 10:03

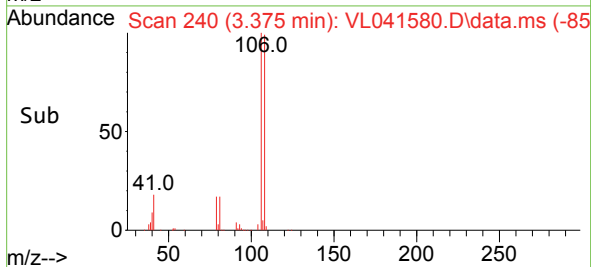
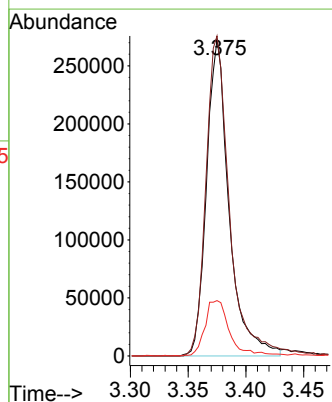
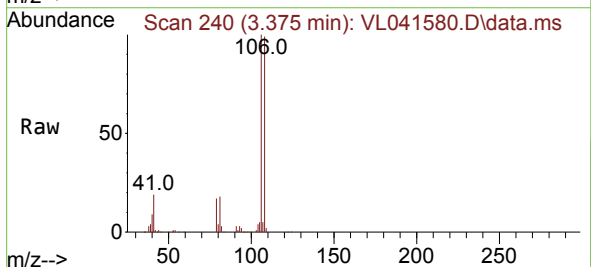
Instrument :
MSVOA_L
ClientSampleId :
VL0822ABS01

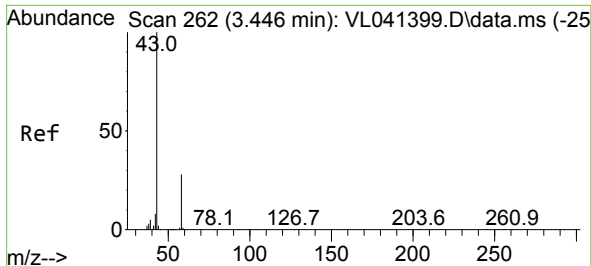
Tgt Ion: 45 Resp: 27943
Ion Ratio Lower Upper
45 100
46 45.8 13.4 53.4



#14
Bromoethene
Concen: 9.067 ppbv
RT: 3.375 min Scan# 240
Delta R.T. -0.000 min
Lab File: VL041580.D
Acq: 22 Aug 2024 10:03

Tgt Ion:108 Resp: 369980
Ion Ratio Lower Upper
108 100
106 107.4 86.9 130.3
79 19.9 16.2 24.4

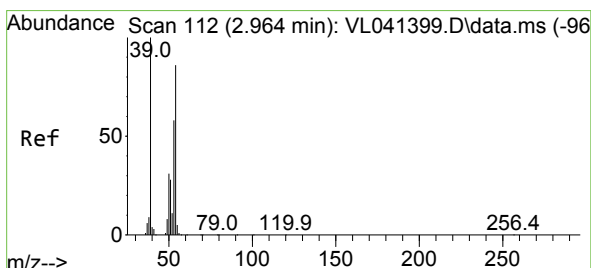
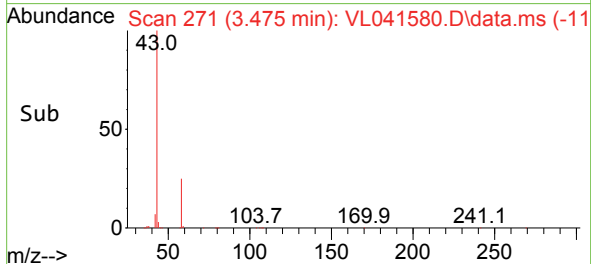
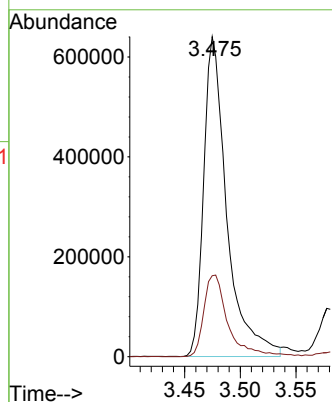
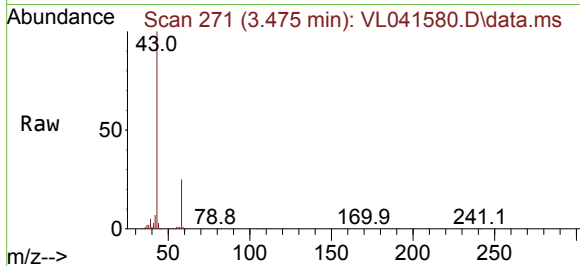




#15
Acetone
Concen: 8.564 ppbv
RT: 3.475 min Scan# 21
Delta R.T. -0.003 min
Lab File: VL041580.D
Acq: 22 Aug 2024 10:03

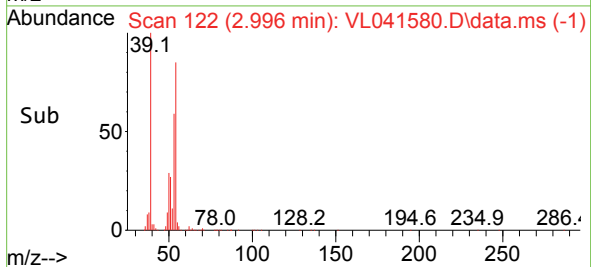
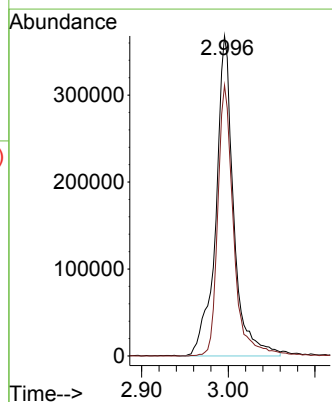
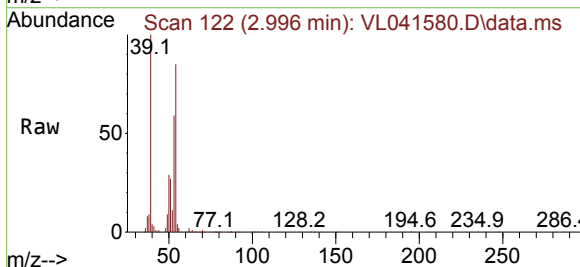
Instrument :
MSVOA_L
ClientSampleId :
VL0822ABS01

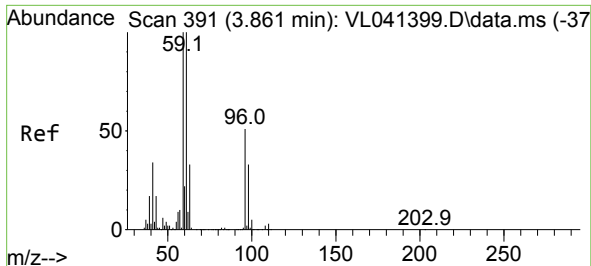
Tgt Ion: 43 Resp: 925696
Ion Ratio Lower Upper
43 100
58 26.9 21.4 32.2



#16
1,3-Butadiene
Concen: 9.121 ppbv
RT: 2.996 min Scan# 122
Delta R.T. -0.000 min
Lab File: VL041580.D
Acq: 22 Aug 2024 10:03

Tgt Ion: 39 Resp: 526777
Ion Ratio Lower Upper
39 100
54 75.7 62.5 93.7





#17

tert-Butyl alcohol

Concen: 9.915 ppbv

RT: 3.883 min Scan# 391

Delta R.T. -0.000 min

Lab File: VL041580.D

Acq: 22 Aug 2024 10:03

Instrument :

MSVOA_L

ClientSampleId :

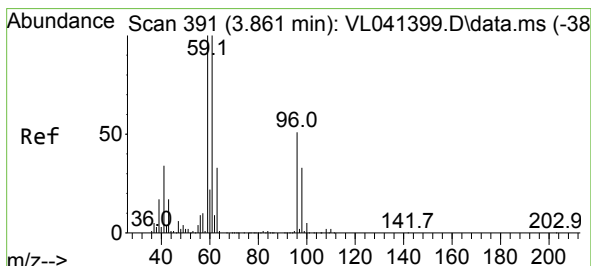
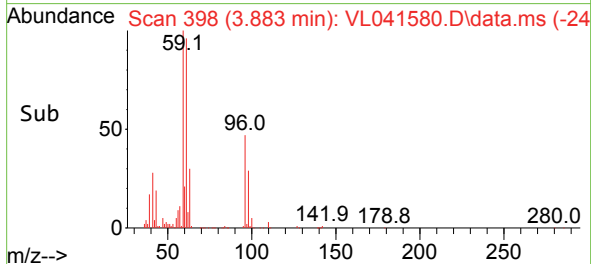
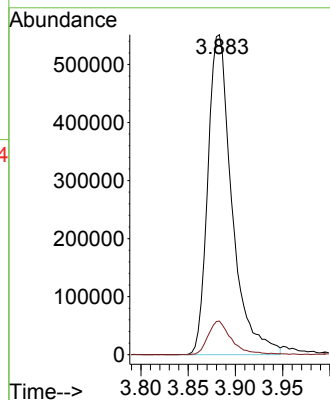
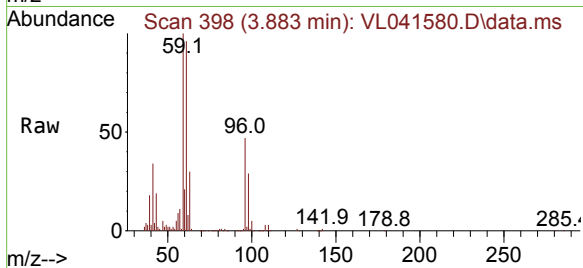
VL0822ABS01

Tgt Ion: 59 Resp: 977448

Ion Ratio Lower Upper

59 100

57 10.4 8.6 12.8



#18

1,1-Dichloroethene

Concen: 8.758 ppbv

RT: 3.886 min Scan# 399

Delta R.T. -0.000 min

Lab File: VL041580.D

Acq: 22 Aug 2024 10:03

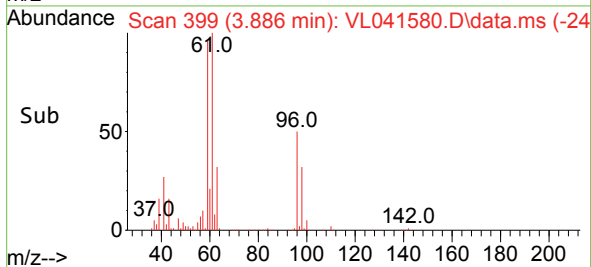
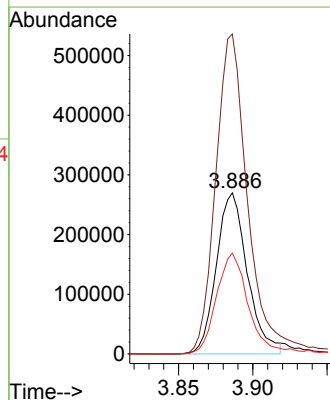
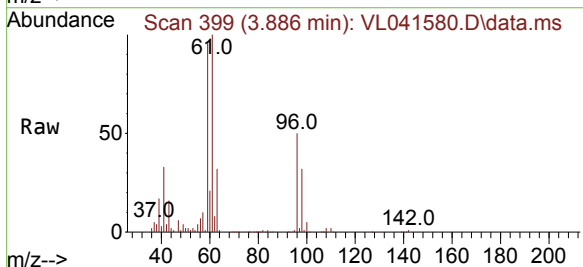
Tgt Ion: 96 Resp: 392146

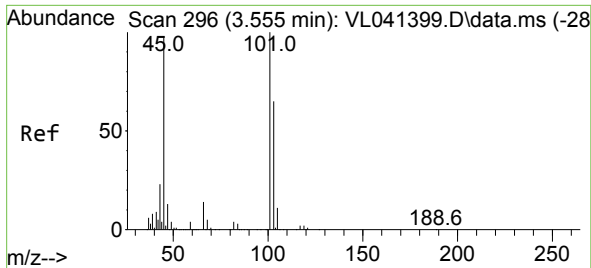
Ion Ratio Lower Upper

96 100

61 198.6 157.5 236.3

98 62.6 51.2 76.8

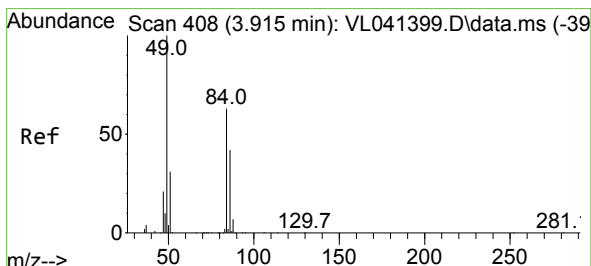
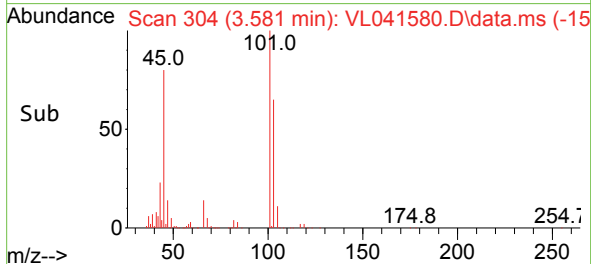
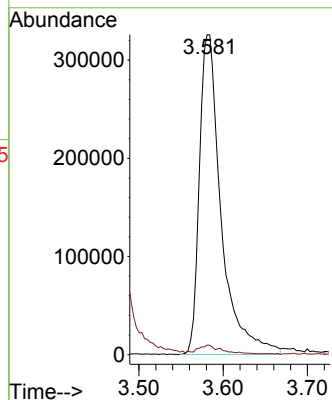
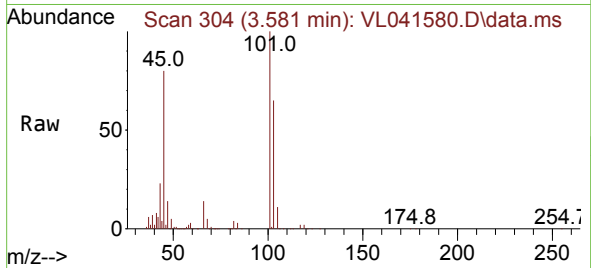




#19
Isopropyl Alcohol
Concen: 9.299 ppbv
RT: 3.581 min Scan# 304
Delta R.T. -0.003 min
Lab File: VL041580.D
Acq: 22 Aug 2024 10:03

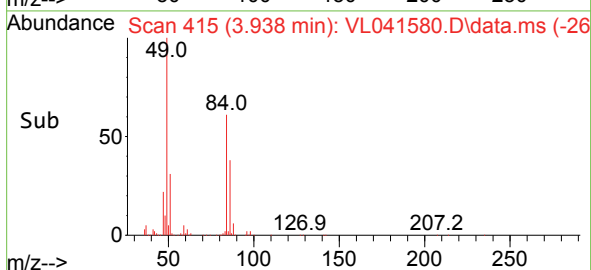
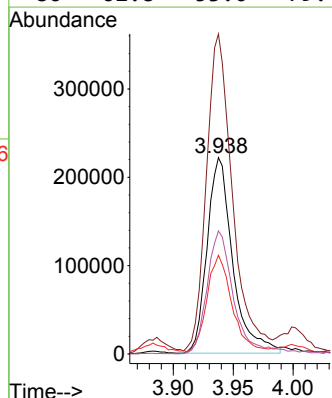
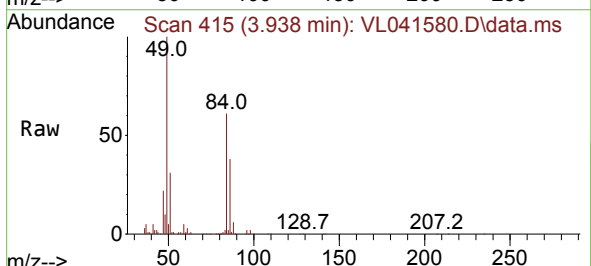
Instrument :
MSVOA_L
ClientSampleId :
VL0822ABS01

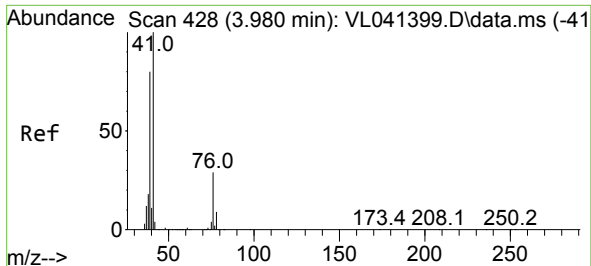
Tgt Ion: 45 Resp: 587677
Ion Ratio Lower Upper
45 100
58 3.6 1.9 2.9#



#20
Methylene Chloride
Concen: 8.195 ppbv
RT: 3.938 min Scan# 415
Delta R.T. -0.000 min
Lab File: VL041580.D
Acq: 22 Aug 2024 10:03

Tgt Ion: 84 Resp: 330338
Ion Ratio Lower Upper
84 100
49 161.3 126.6 190.0
51 49.0 38.6 58.0
86 62.8 53.0 79.4

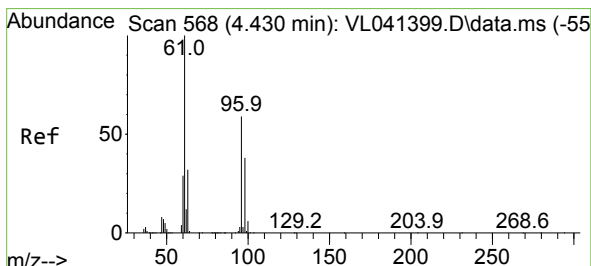
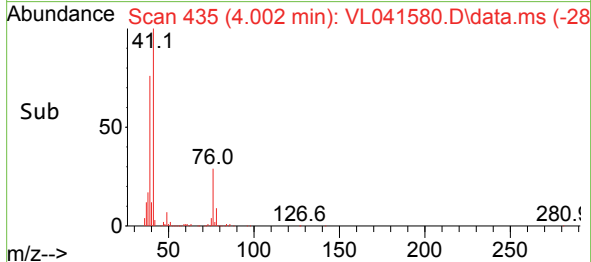
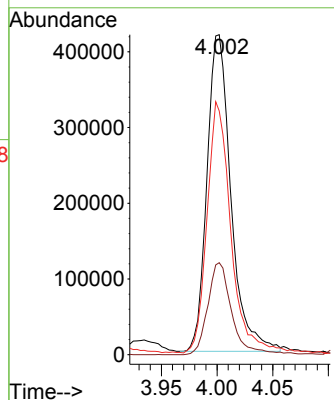
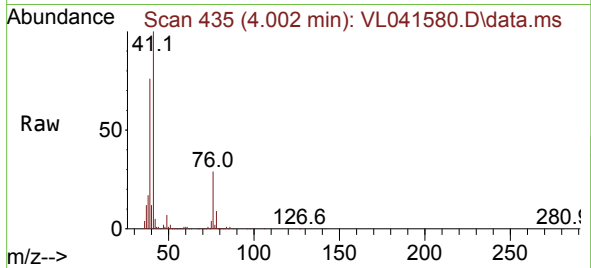




#21
 Allyl Chloride
 Concen: 8.837 ppbv
 RT: 4.002 min Scan# 41
 Delta R.T. -0.000 min
 Lab File: VL041580.D
 Acq: 22 Aug 2024 10:03

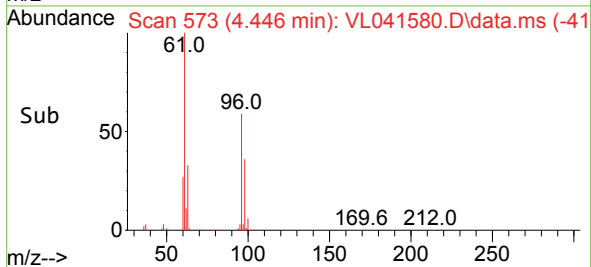
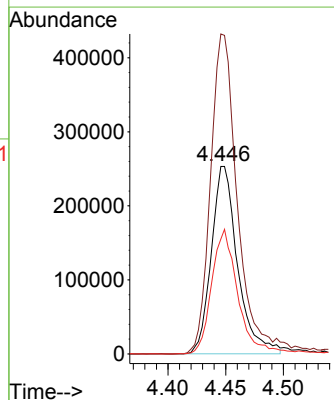
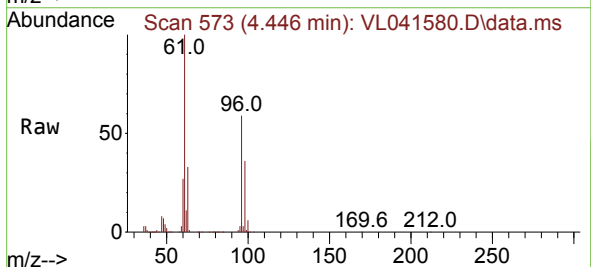
Instrument :
 MSVOA_L
 ClientSampleId :
 VL0822ABS01

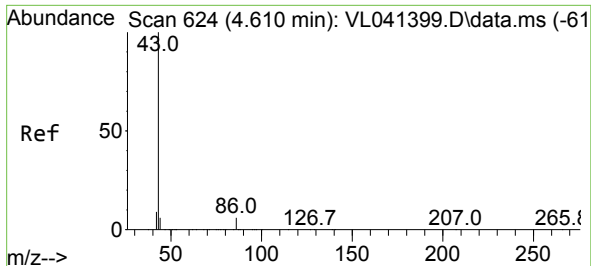
Tgt Ion: 41 Resp: 626485
 Ion Ratio Lower Upper
 41 100
 76 29.2 23.7 35.5
 39 80.2 64.3 96.5



#22
 trans-1,2-Dichloroethene
 Concen: 8.950 ppbv
 RT: 4.446 min Scan# 573
 Delta R.T. -0.003 min
 Lab File: VL041580.D
 Acq: 22 Aug 2024 10:03

Tgt Ion: 96 Resp: 400664
 Ion Ratio Lower Upper
 96 100
 61 170.7 135.4 203.2
 98 61.1 51.0 76.4

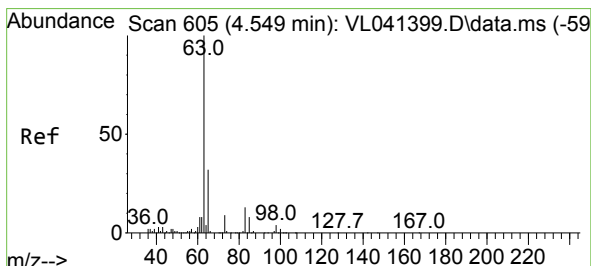
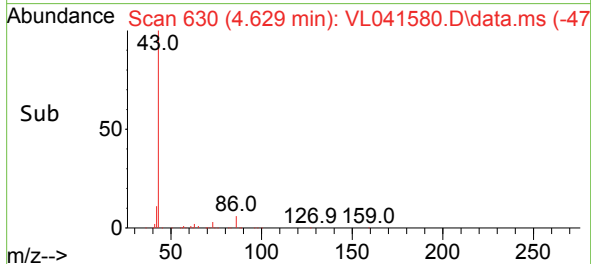
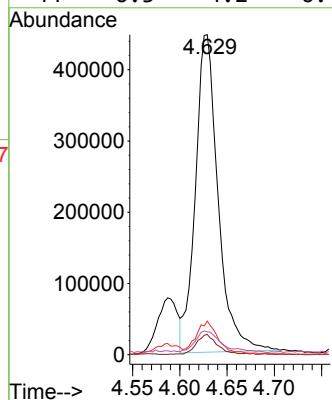
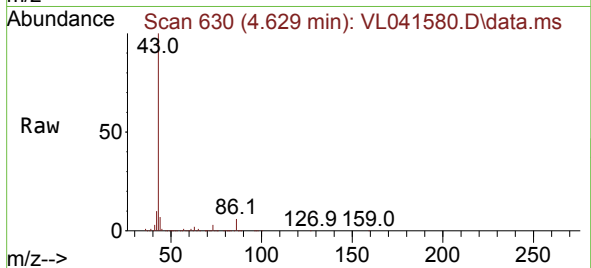




#23
 Vinyl Acetate
 Concen: 9.017 ppbv
 RT: 4.629 min Scan# 610
 Delta R.T. -0.000 min
 Lab File: VL041580.D
 Acq: 22 Aug 2024 10:03

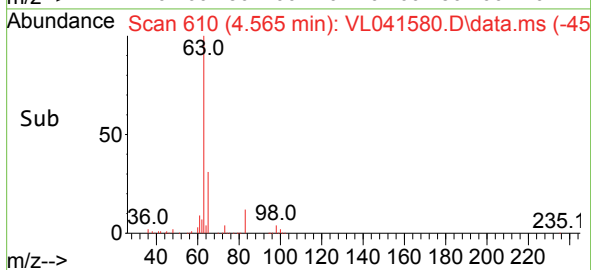
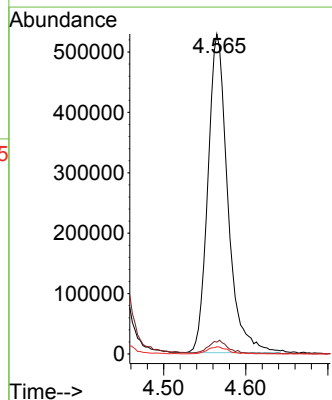
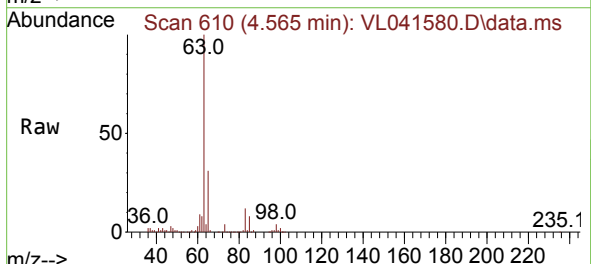
Instrument :
 MSVOA_L
 ClientSampleId :
 VL0822ABS01

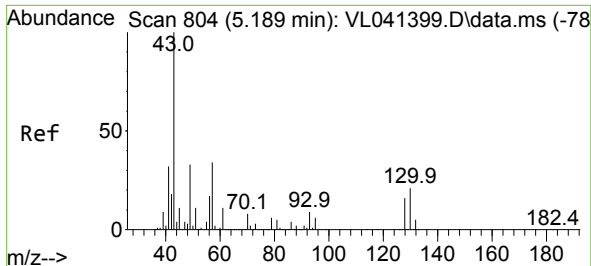
Tgt Ion:	43	Resp:	744397
Ion	Ratio	Lower	Upper
43	100		
86	6.3	4.6	6.8
42	10.3	7.9	11.9
44	6.3	4.2	6.4



#24
 1,1-Dichloroethane
 Concen: 9.144 ppbv
 RT: 4.565 min Scan# 610
 Delta R.T. -0.003 min
 Lab File: VL041580.D
 Acq: 22 Aug 2024 10:03

Tgt Ion:	63	Resp:	888852
Ion	Ratio	Lower	Upper
63	100		
98	3.6	2.0	6.0
100	2.2	1.2	3.6





#25

Ethyl Acetate

Concen: 9.359 ppbv

RT: 5.201 min Scan# 808

Delta R.T. -0.003 min

Lab File: VL041580.D

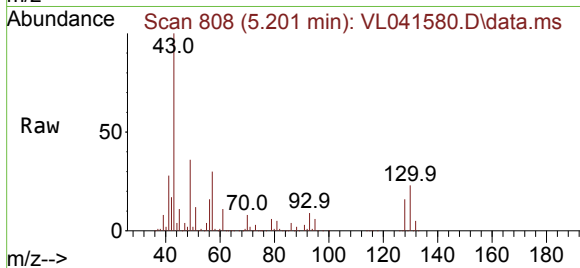
Acq: 22 Aug 2024 10:03

Instrument :

MSVOA_L

ClientSampleId :

VL0822ABS01



Tgt Ion: 43 Resp: 2009866

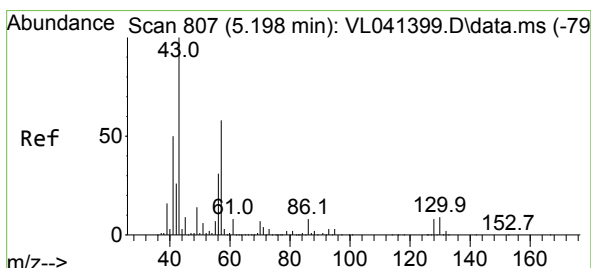
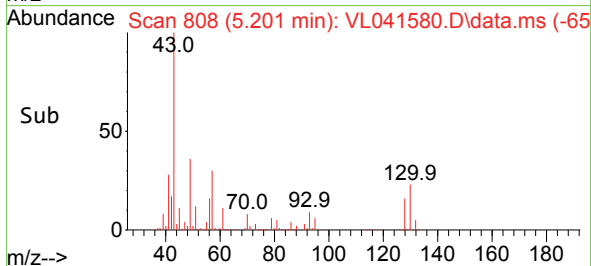
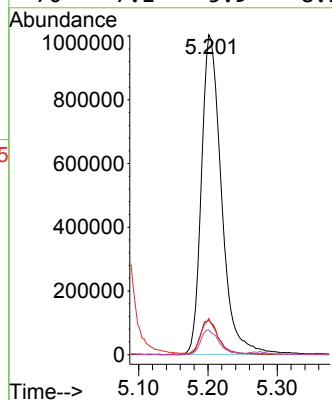
Ion Ratio Lower Upper

43 100

45 10.4 8.5 12.7

61 10.3 8.0 12.0

70 7.1 5.9 8.9



#26

Hexane

Concen: 9.084 ppbv

RT: 5.211 min Scan# 811

Delta R.T. -0.003 min

Lab File: VL041580.D

Acq: 22 Aug 2024 10:03

Tgt Ion: 57 Resp: 809267

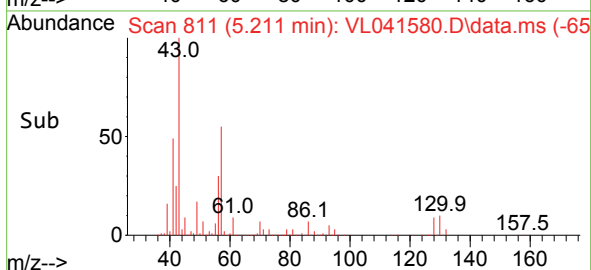
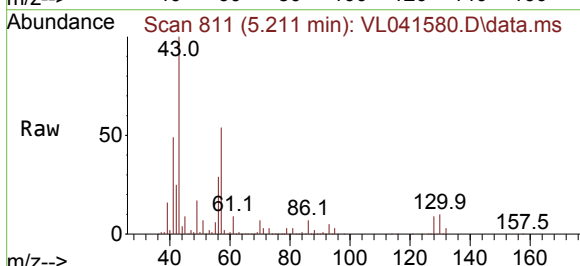
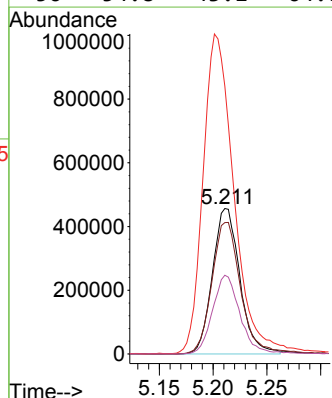
Ion Ratio Lower Upper

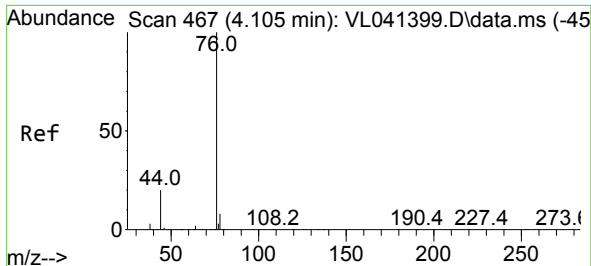
57 100

41 95.9 74.0 111.0

43 251.7 193.6 290.4

56 54.8 43.1 64.7

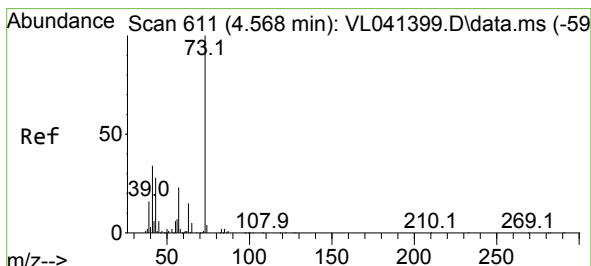
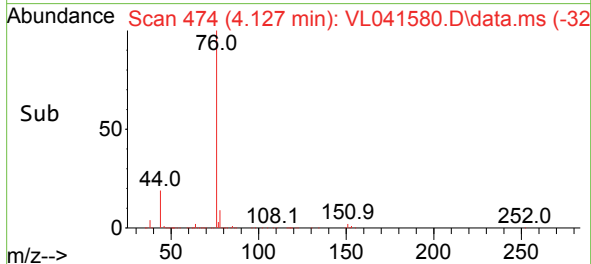
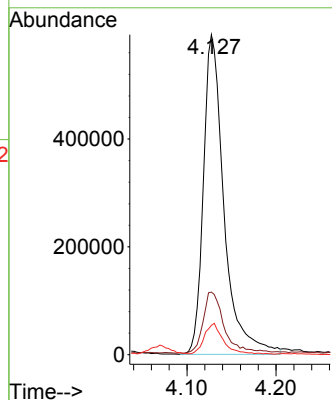
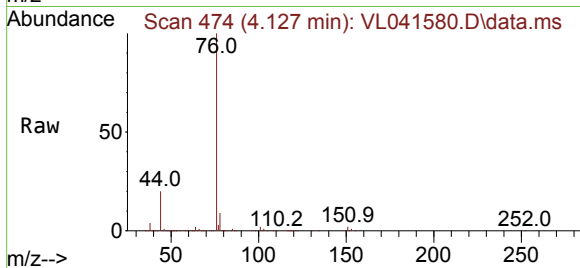




#27
Carbon Disulfide
Concen: 9.139 ppbv
RT: 4.127 min Scan# 41
Delta R.T. -0.003 min
Lab File: VL041580.D
Acq: 22 Aug 2024 10:03

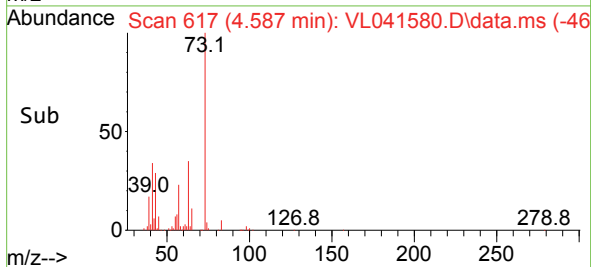
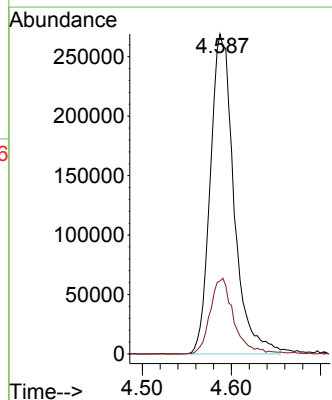
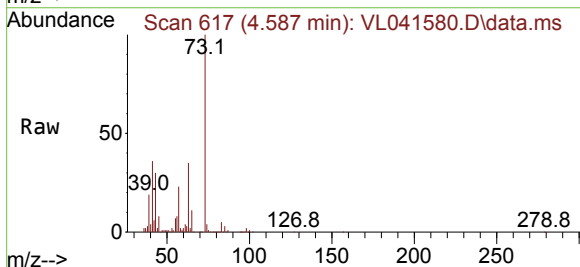
Instrument :
MSVOA_L
ClientSampleId :
VL0822ABS01

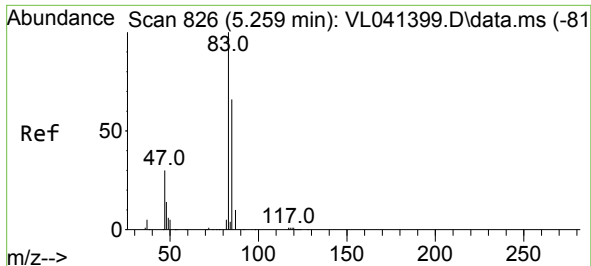
Tgt Ion: 76 Resp: 952480
Ion Ratio Lower Upper
76 100
44 20.0 15.6 23.4
78 9.4 7.7 11.5



#28
Methyl tert-Butyl Ether
Concen: 8.825 ppbv
RT: 4.587 min Scan# 617
Delta R.T. -0.000 min
Lab File: VL041580.D
Acq: 22 Aug 2024 10:03

Tgt Ion: 73 Resp: 495790
Ion Ratio Lower Upper
73 100
57 24.1 18.9 28.3





#29

Chloroform

Concen: 8.759 ppbv

RT: 5.275 min Scan# 81

Delta R.T. 0.003 min

Lab File: VL041580.D

Acq: 22 Aug 2024 10:03

Instrument :

MSVOA_L

ClientSampleId :

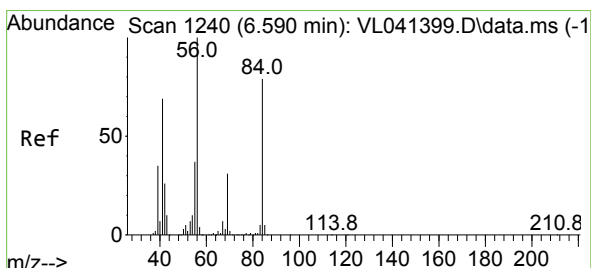
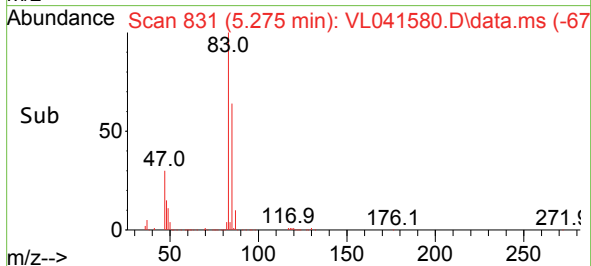
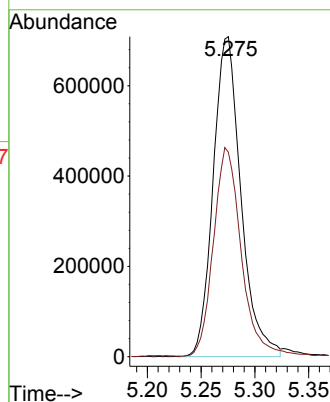
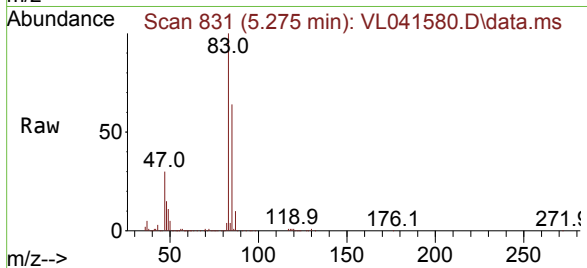
VL0822ABS01

Tgt Ion: 83 Resp: 1272755

Ion Ratio Lower Upper

83 100

85 63.7 53.1 79.7



#30

Cyclohexane

Concen: 9.715 ppbv

RT: 6.597 min Scan# 1242

Delta R.T. -0.000 min

Lab File: VL041580.D

Acq: 22 Aug 2024 10:03

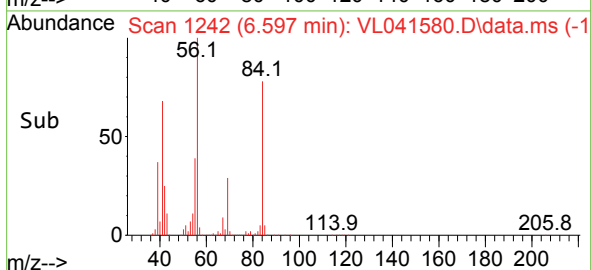
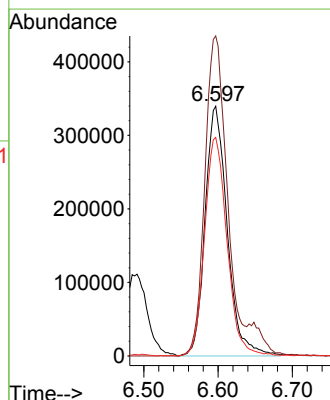
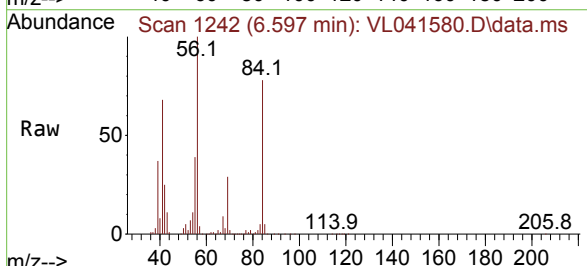
Tgt Ion: 84 Resp: 704784

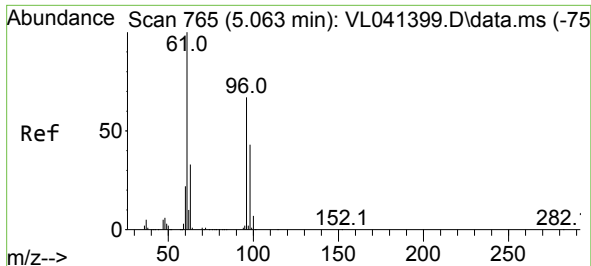
Ion Ratio Lower Upper

84 100

56 136.8 111.2 166.8

41 88.1 70.3 105.5

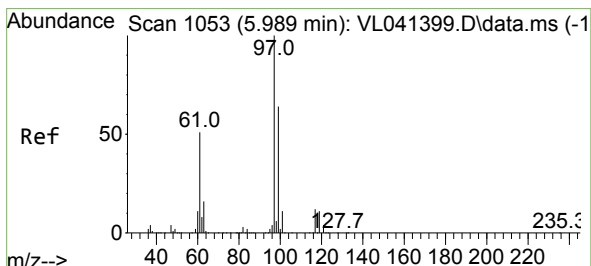
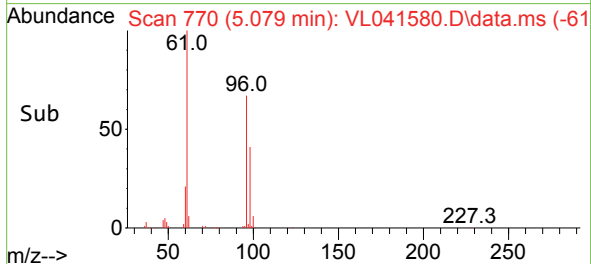
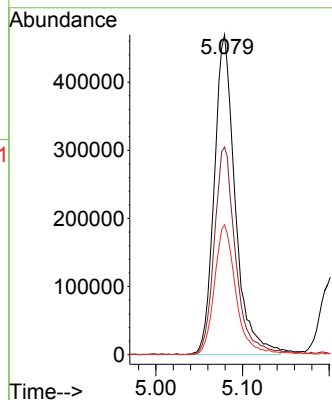
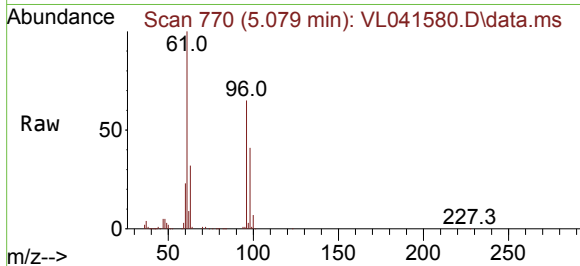




#31
 cis-1,2-Dichloroethene
 Concen: 8.953 ppbv
 RT: 5.079 min Scan# 71
 Delta R.T. -0.000 min
 Lab File: VL041580.D
 Acq: 22 Aug 2024 10:03

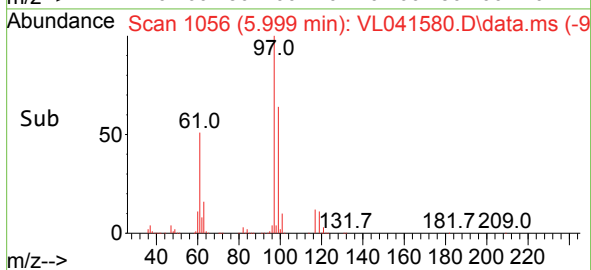
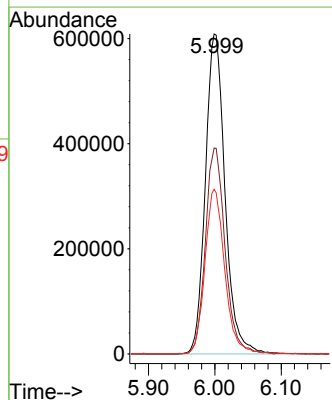
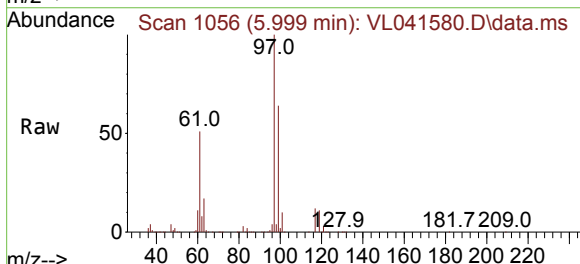
Instrument :
 MSVOA_L
 ClientSampleId :
 VL0822ABS01

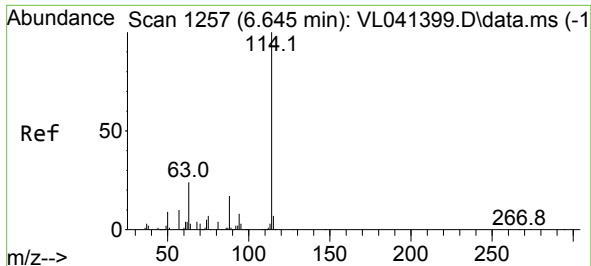
Tgt Ion: 61 Resp: 787947
 Ion Ratio Lower Upper
 61 100
 96 64.8 53.4 80.2
 98 40.5 34.4 51.6



#32
 1,1,1-Trichloroethane
 Concen: 8.859 ppbv
 RT: 5.999 min Scan# 1056
 Delta R.T. -0.003 min
 Lab File: VL041580.D
 Acq: 22 Aug 2024 10:03

Tgt Ion: 97 Resp: 1253127
 Ion Ratio Lower Upper
 97 100
 99 64.8 52.0 78.0
 61 52.4 41.8 62.8





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.648 min Scan# 1

Delta R.T. -0.000 min

Lab File: VL041580.D

Acq: 22 Aug 2024 10:03

Instrument :

MSVOA_L

ClientSampleId :

VL0822ABS01

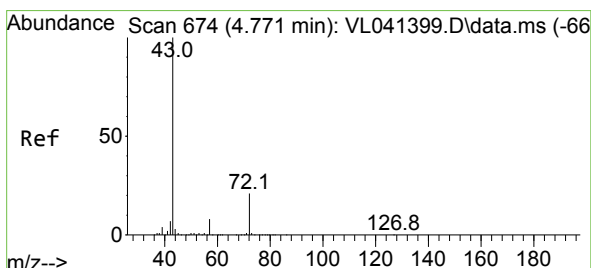
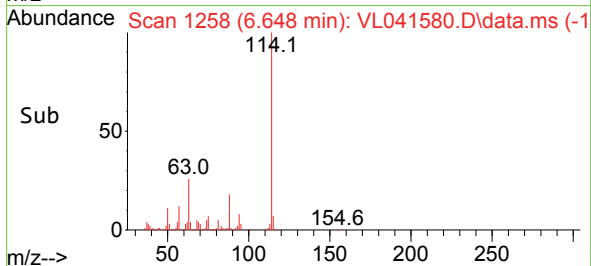
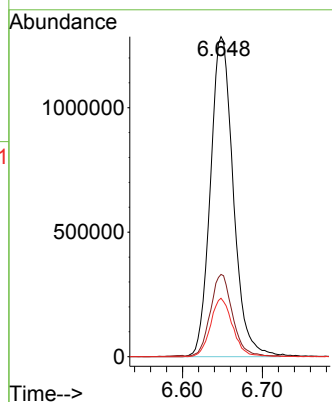
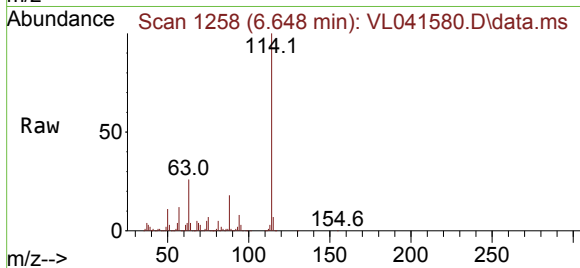
Tgt Ion:114 Resp: 2549747

Ion Ratio Lower Upper

114 100

63 25.6 20.3 30.5

88 17.8 14.3 21.5



#34

2-Butanone

Concen: 8.848 ppbv

RT: 4.787 min Scan# 679

Delta R.T. -0.000 min

Lab File: VL041580.D

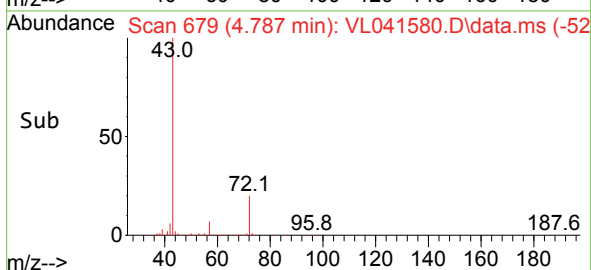
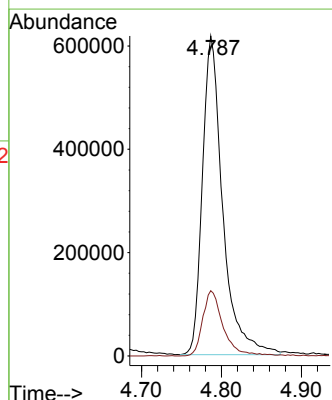
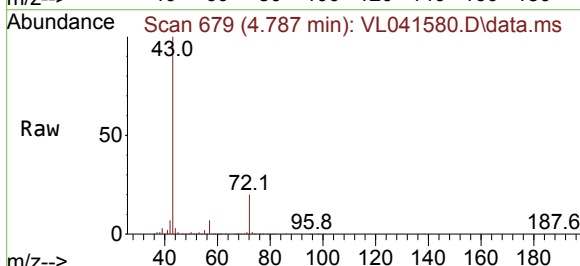
Acq: 22 Aug 2024 10:03

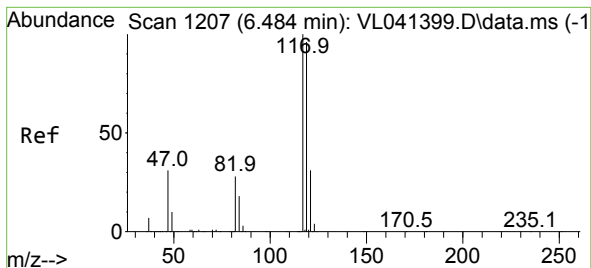
Tgt Ion: 43 Resp: 1091296

Ion Ratio Lower Upper

43 100

72 21.1 17.3 25.9





#35

Carbon Tetrachloride

Concen: 9.300 ppbv

RT: 6.491 min Scan# 1170

Delta R.T. -0.000 min

Lab File: VL041580.D

Acq: 22 Aug 2024 10:03

Instrument :

MSVOA_L

ClientSampleId :

VL0822ABS01

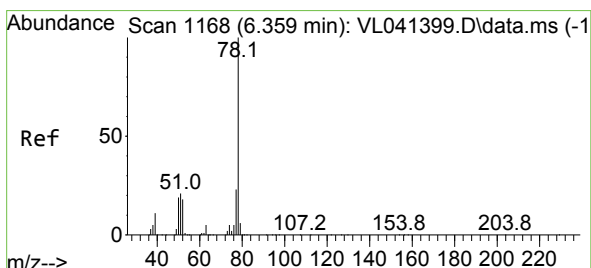
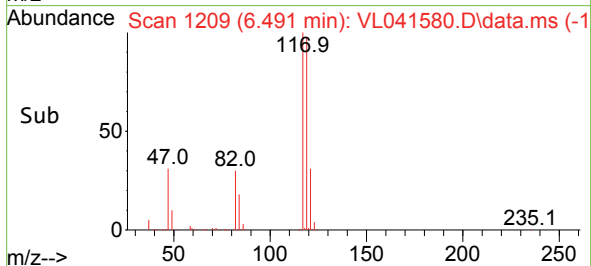
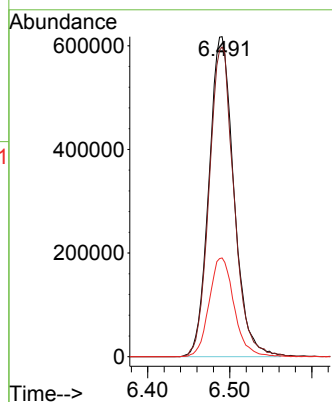
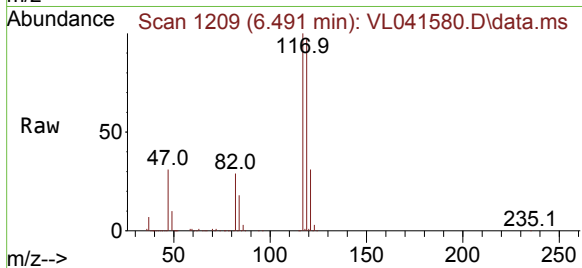
Tgt Ion:117 Resp: 1307890

Ion Ratio Lower Upper

117 100

119 96.7 76.6 115.0

121 30.9 25.1 37.7



#36

Benzene

Concen: 9.395 ppbv

RT: 6.365 min Scan# 1170

Delta R.T. -0.003 min

Lab File: VL041580.D

Acq: 22 Aug 2024 10:03

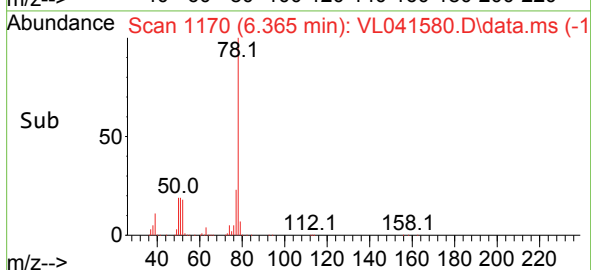
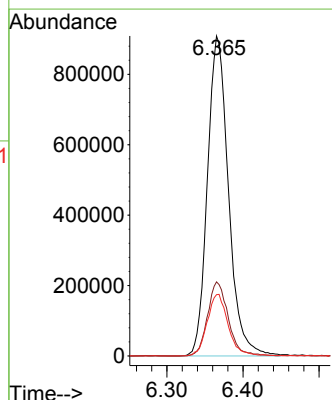
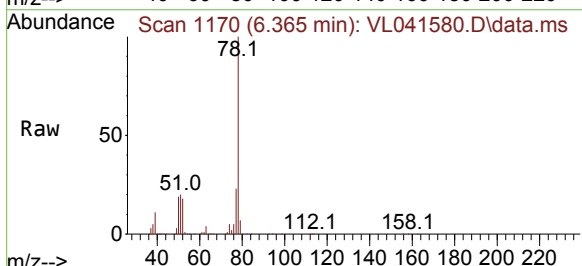
Tgt Ion: 78 Resp: 1750419

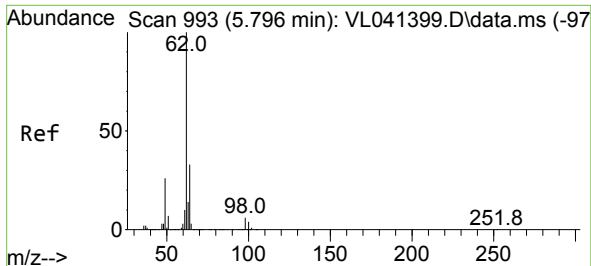
Ion Ratio Lower Upper

78 100

77 23.1 18.1 27.1

50 19.1 15.5 23.3





#37

1,2-Dichloroethane

Concen: 9.276 ppbv

RT: 5.803 min Scan# 993

Delta R.T. -0.003 min

Lab File: VL041580.D

Acq: 22 Aug 2024 10:03

Instrument :

MSVOA_L

ClientSampleId :

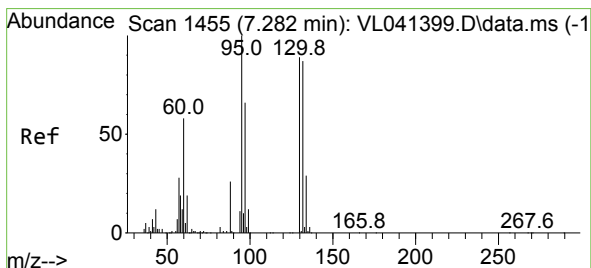
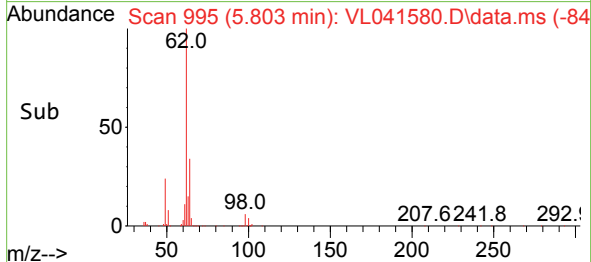
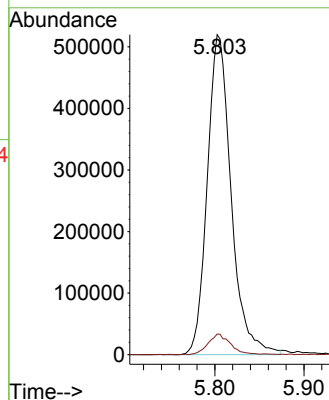
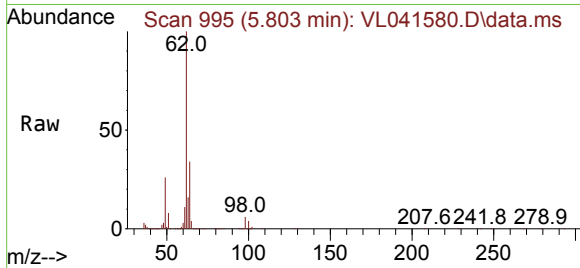
VL0822ABS01

Tgt Ion: 62 Resp: 967289

Ion Ratio Lower Upper

62 100

98 6.4 5.0 7.4



#38

Trichloroethene

Concen: 10.102 ppbv

RT: 7.285 min Scan# 1456

Delta R.T. -0.000 min

Lab File: VL041580.D

Acq: 22 Aug 2024 10:03

Tgt Ion:130 Resp: 862219

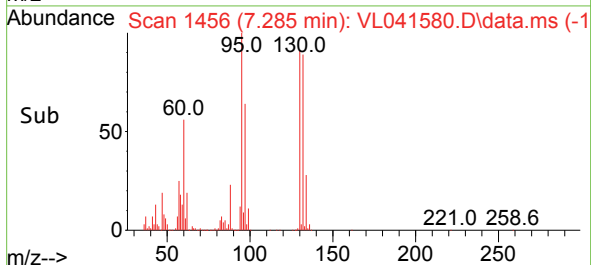
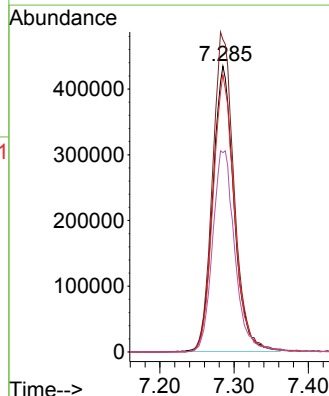
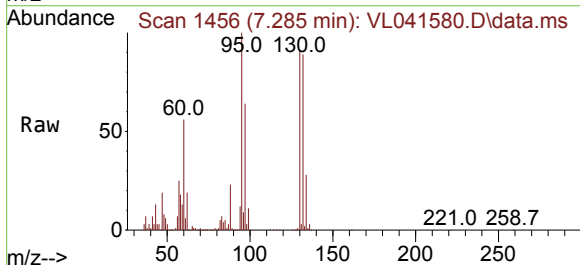
Ion Ratio Lower Upper

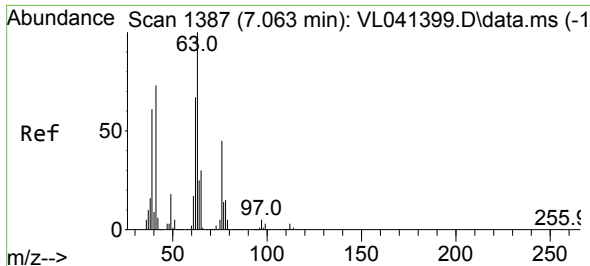
130 100

95 109.4 90.2 135.2

132 97.1 78.1 117.1

97 69.9 59.7 89.5





#39

1,2-Dichloropropane

Concen: 9.546 ppbv

RT: 7.069 min Scan# 11

Delta R.T. -0.000 min

Lab File: VL041580.D

Acq: 22 Aug 2024 10:03

Instrument :

MSVOA_L

ClientSampleId :

VL0822ABS01

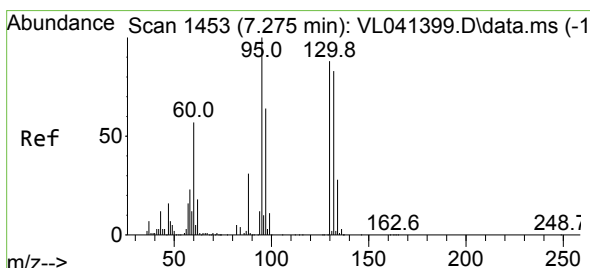
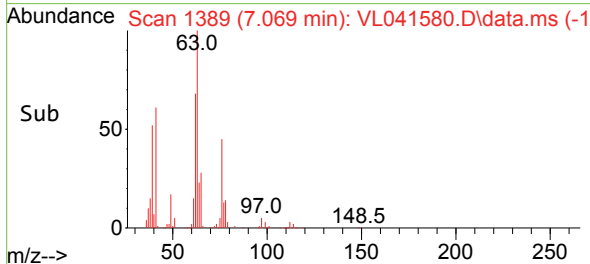
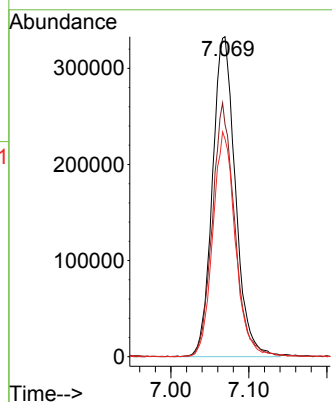
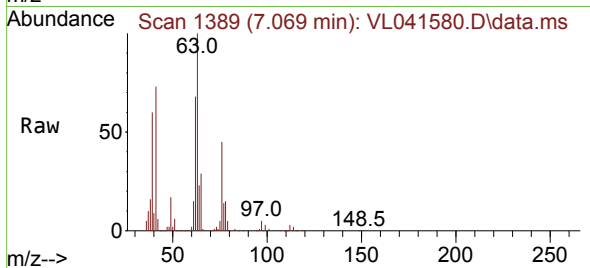
Tgt Ion: 63 Resp: 680927

Ion Ratio Lower Upper

63 100

41 72.6 58.3 87.5

62 68.0 53.9 80.9



#40

1,4-Dioxane

Concen: 8.800 ppbv

RT: 7.278 min Scan# 1454

Delta R.T. -0.003 min

Lab File: VL041580.D

Acq: 22 Aug 2024 10:03

Tgt Ion: 88 Resp: 252157

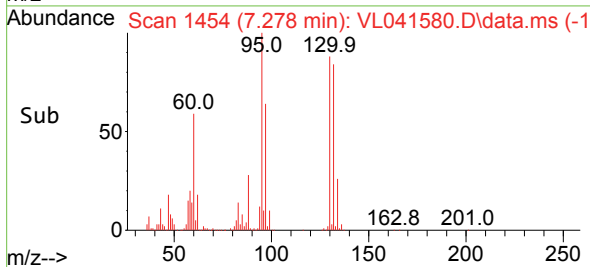
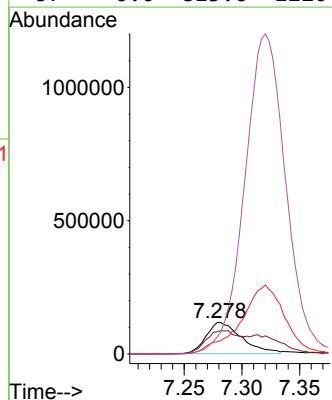
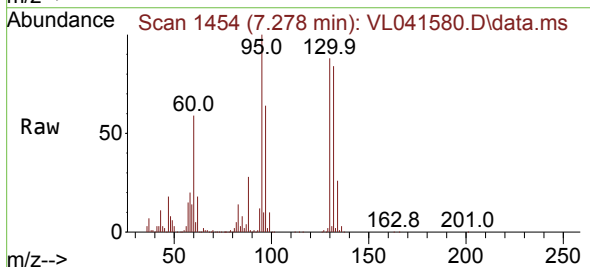
Ion Ratio Lower Upper

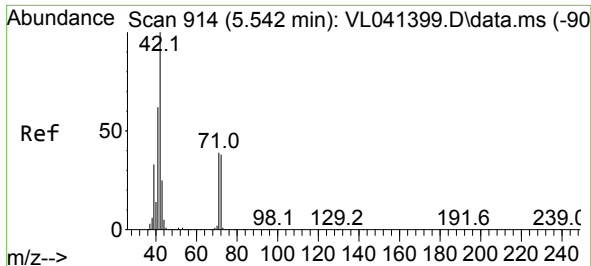
88 100

58 132.5 95.8 143.6

43 0.0 188.2 282.2#

57 0.0 813.6 1220.4#

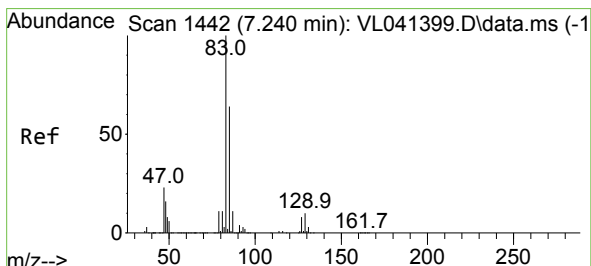
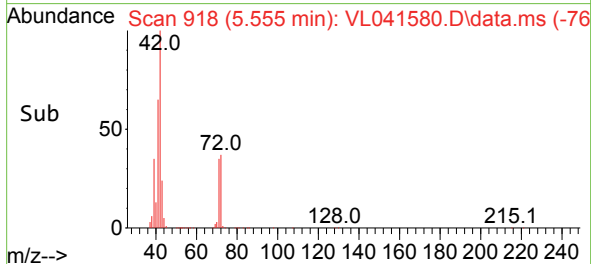
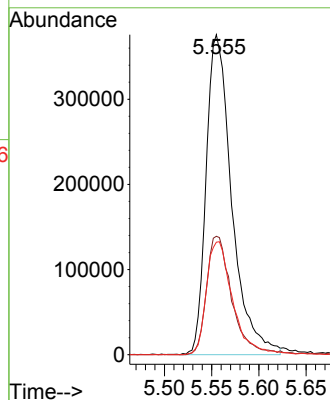
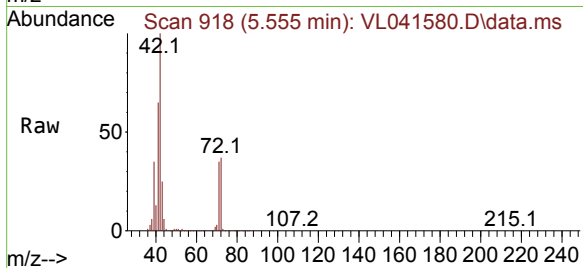




#41
Tetrahydrofuran
Concen: 10.041 ppbv
RT: 5.555 min Scan# 914
Delta R.T. -0.003 min
Lab File: VL041580.D
Acq: 22 Aug 2024 10:03

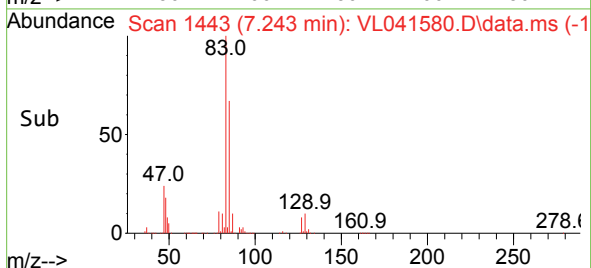
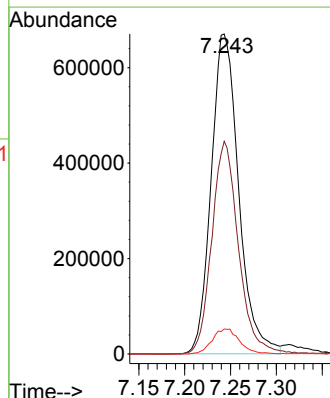
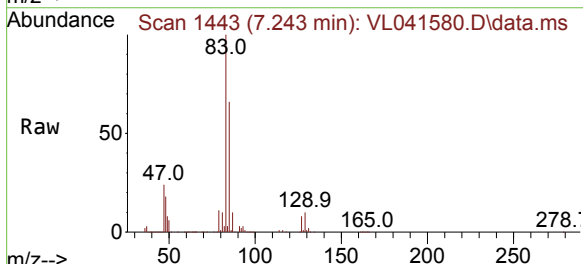
Instrument :
MSVOA_L
ClientSampleId :
VL0822ABS01

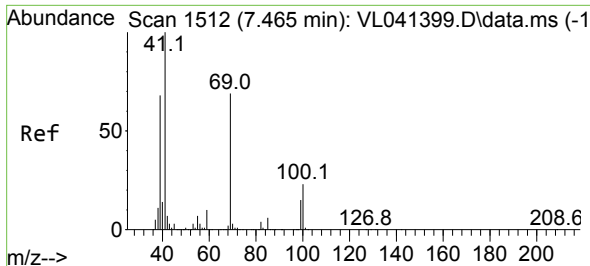
Tgt Ion: 42 Resp: 708336
Ion Ratio Lower Upper
42 100
72 37.1 31.2 46.8
71 36.6 30.5 45.7



#42
Bromodichloromethane
Concen: 9.280 ppbv
RT: 7.243 min Scan# 1443
Delta R.T. -0.000 min
Lab File: VL041580.D
Acq: 22 Aug 2024 10:03

Tgt Ion: 83 Resp: 1397349
Ion Ratio Lower Upper
83 100
85 66.5 51.4 77.0
127 7.8 6.7 10.1

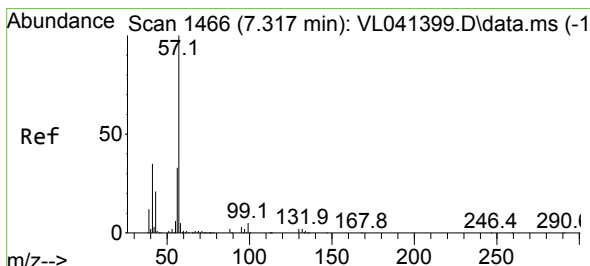
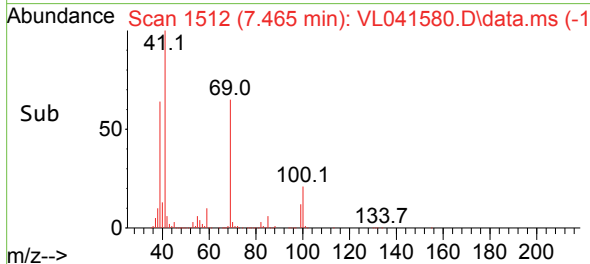
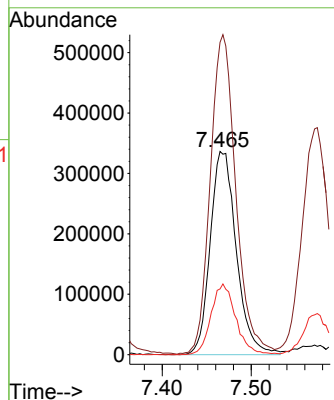
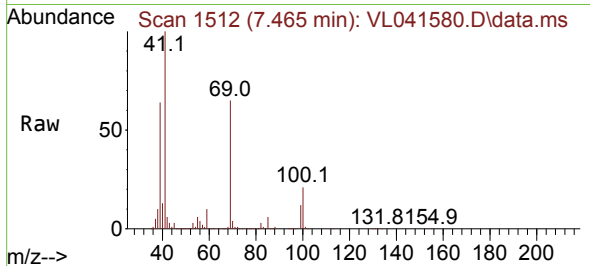




#43
Methyl Methacrylate
Concen: 10.248 ppbv
RT: 7.465 min Scan# 1512
Delta R.T. -0.003 min
Lab File: VL041580.D
Acq: 22 Aug 2024 10:03

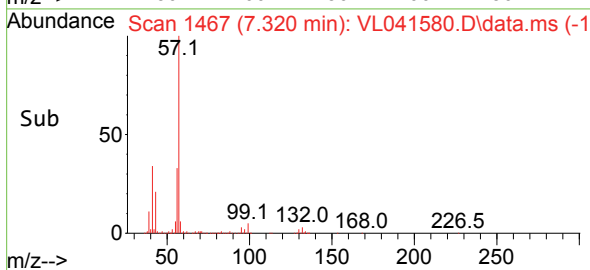
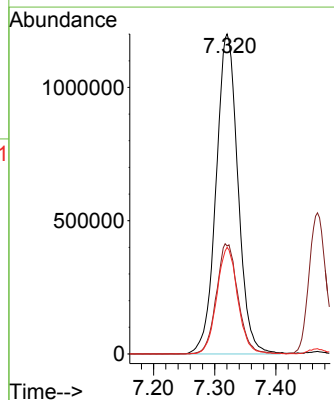
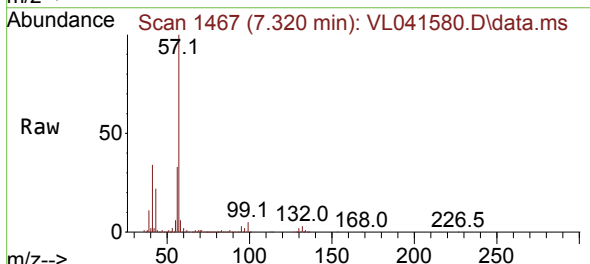
Instrument :
MSVOA_L
ClientSampleId :
VL0822ABS01

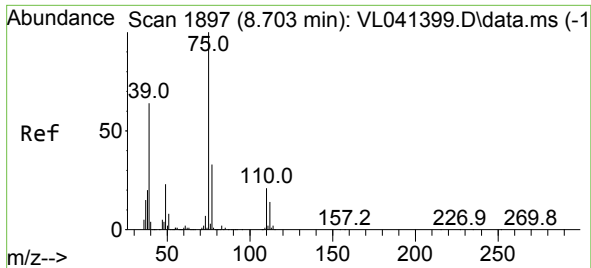
Tgt Ion: 69 Resp: 684632
Ion Ratio Lower Upper
69 100
41 153.8 118.7 178.1
100 33.0 27.0 40.4



#44
2,2,4-Trimethylpentane
Concen: 9.586 ppbv
RT: 7.320 min Scan# 1467
Delta R.T. -0.000 min
Lab File: VL041580.D
Acq: 22 Aug 2024 10:03

Tgt Ion: 57 Resp: 2982924
Ion Ratio Lower Upper
57 100
41 34.2 27.0 40.6
56 32.0 25.2 37.8

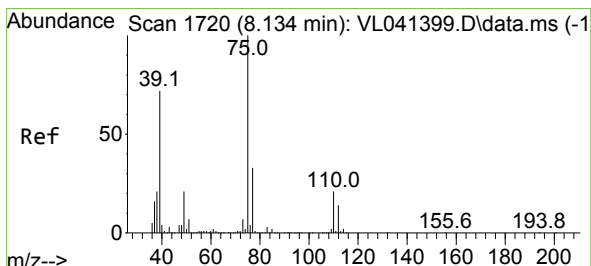
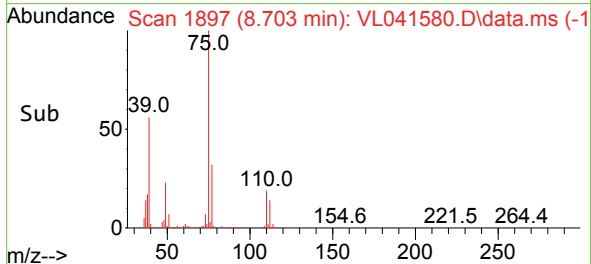
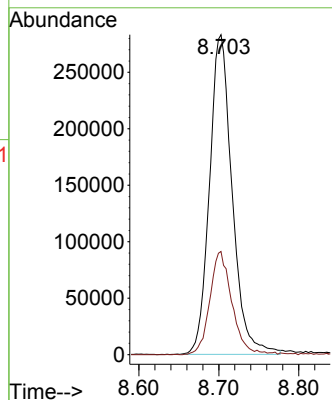
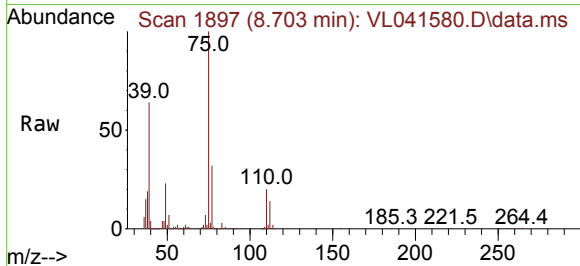




#45
 t-1,3-Dichloropropene
 Concen: 9.060 ppbv
 RT: 8.703 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VL041580.D
 Acq: 22 Aug 2024 10:03

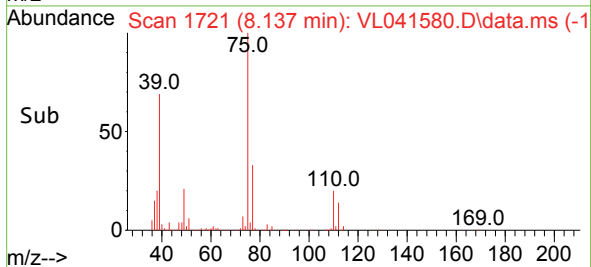
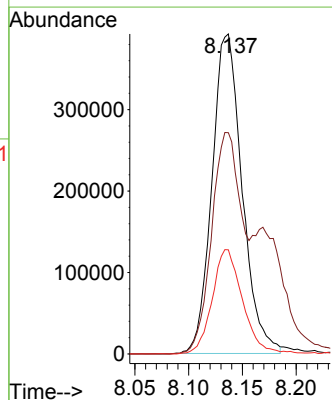
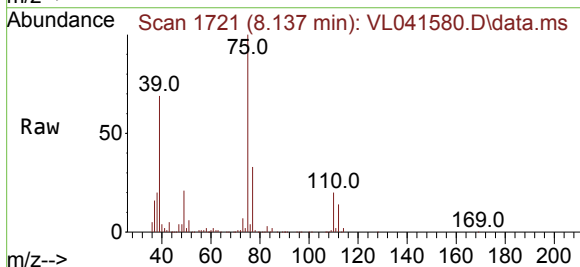
Instrument :
 MSVOA_L
 ClientSampleId :
 VL0822ABS01

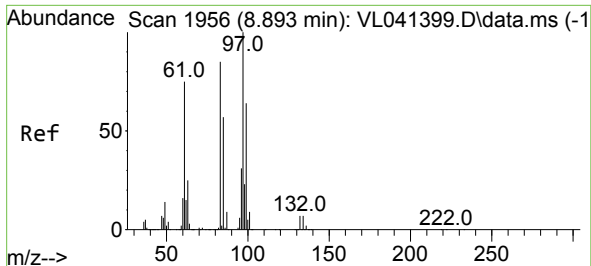
Tgt Ion: 75 Resp: 557101
 Ion Ratio Lower Upper
 75 100
 77 32.2 26.5 39.7



#46
 cis-1,3-Dichloropropene
 Concen: 8.603 ppbv
 RT: 8.137 min Scan# 1721
 Delta R.T. -0.000 min
 Lab File: VL041580.D
 Acq: 22 Aug 2024 10:03

Tgt Ion: 75 Resp: 763951
 Ion Ratio Lower Upper
 75 100
 39 69.0 57.3 85.9
 77 32.4 26.2 39.2





#47

1,1,2-Trichloroethane

Concen: 9.374 ppbv

RT: 8.889 min Scan# 1956

Delta R.T. -0.000 min

Lab File: VL041580.D

Acq: 22 Aug 2024 10:03

Instrument :

MSVOA_L

ClientSampleId :

VL0822ABS01

Tgt Ion: 97 Resp: 737000

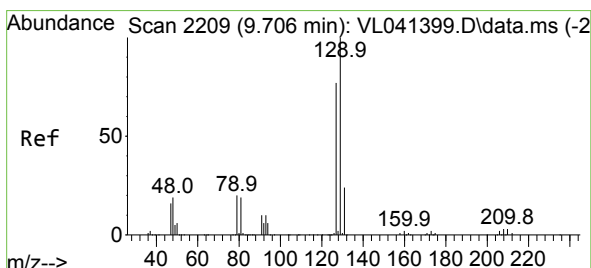
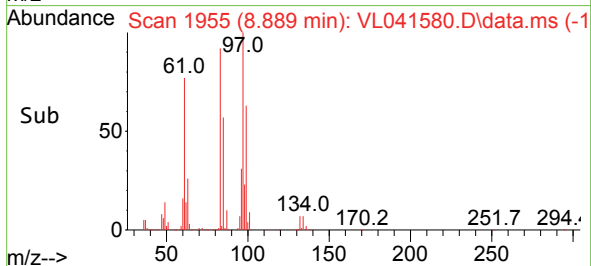
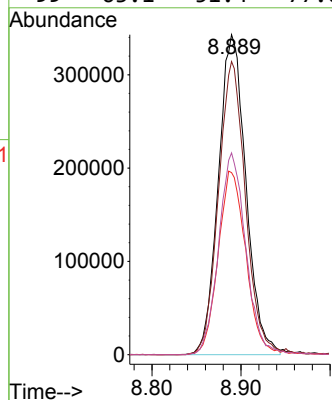
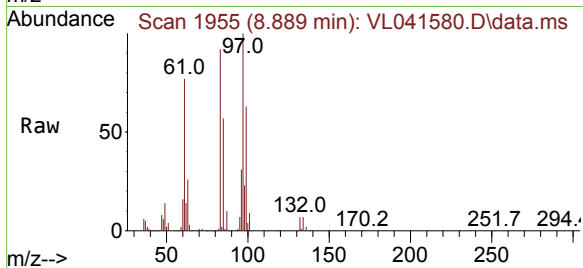
Ion Ratio Lower Upper

97 100

83 91.5 67.6 101.4

85 56.9 45.9 68.9

99 63.1 51.4 77.0



#48

Dibromochloromethane

Concen: 9.679 ppbv

RT: 9.700 min Scan# 2207

Delta R.T. -0.003 min

Lab File: VL041580.D

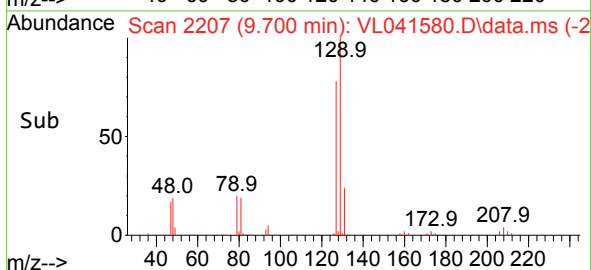
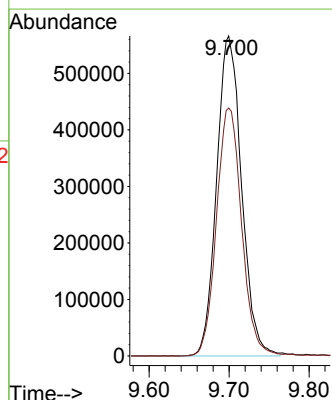
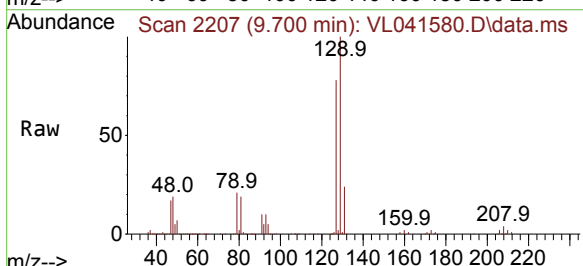
Acq: 22 Aug 2024 10:03

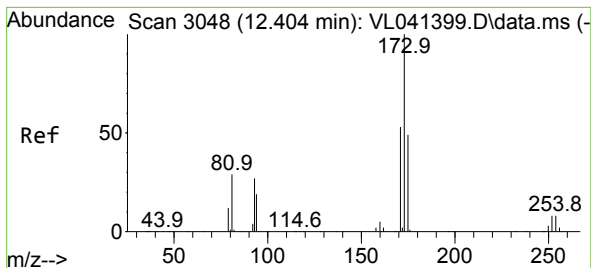
Tgt Ion: 129 Resp: 1226026

Ion Ratio Lower Upper

129 100

127 78.5 39.3 117.8





#49

Bromoform

Concen: 10.685 ppbv

RT: 12.394 min Scan# 3048

Delta R.T. -0.003 min

Lab File: VL041580.D

Acq: 22 Aug 2024 10:03

Instrument :

MSVOA_L

ClientSampleId :

VL0822ABS01

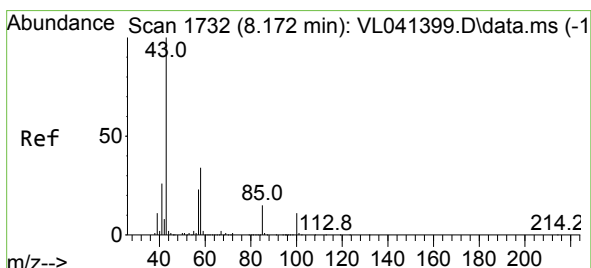
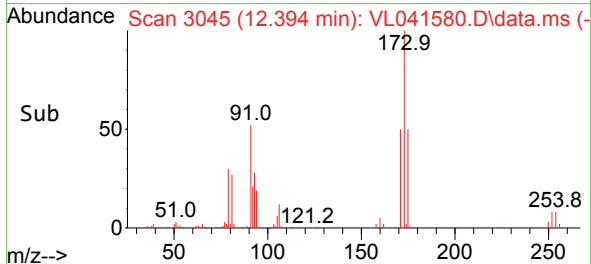
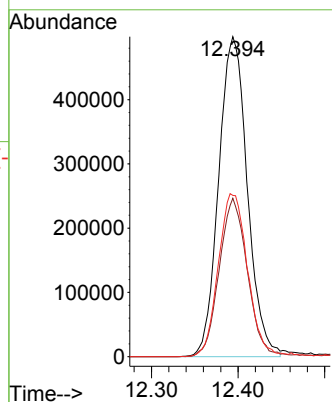
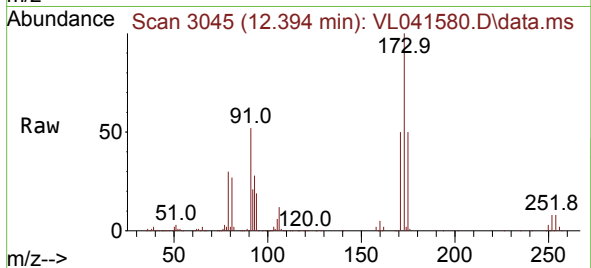
Tgt Ion:173 Resp: 1143256

Ion Ratio Lower Upper

173 100

175 49.5 39.9 59.9

171 52.4 41.7 62.5



#50

4-Methyl-2-Pentanone

Concen: 10.144 ppbv

RT: 8.172 min Scan# 1732

Delta R.T. -0.000 min

Lab File: VL041580.D

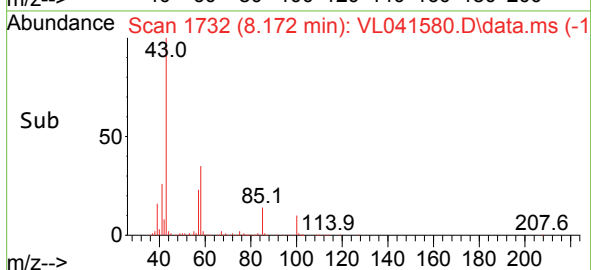
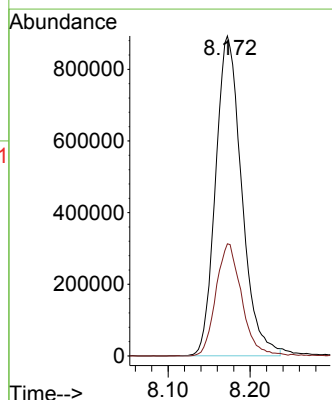
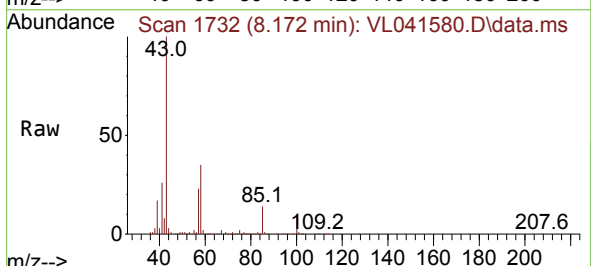
Acq: 22 Aug 2024 10:03

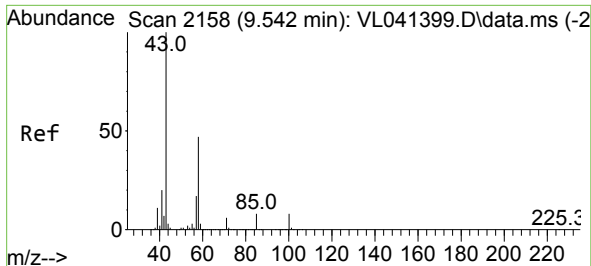
Tgt Ion: 43 Resp: 1973933

Ion Ratio Lower Upper

43 100

58 35.0 27.9 41.9

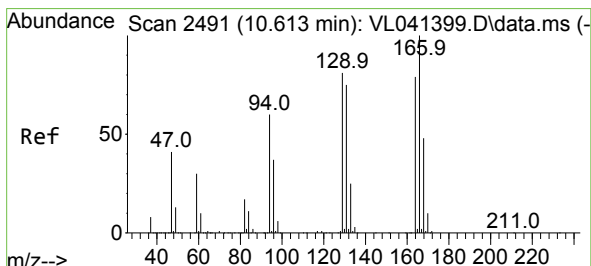
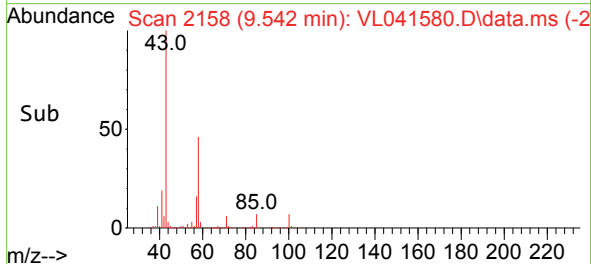
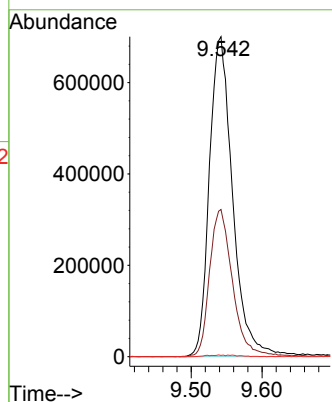
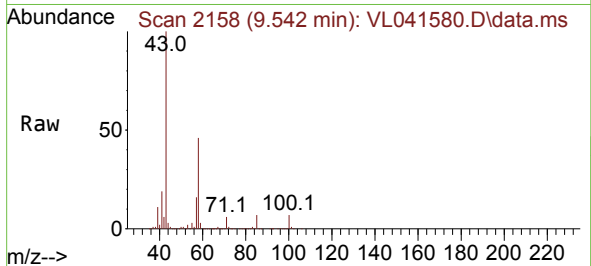




#51
2-Hexanone
Concen: 10.807 ppbv
RT: 9.542 min Scan# 2158
Delta R.T. 0.003 min
Lab File: VL041580.D
Acq: 22 Aug 2024 10:03

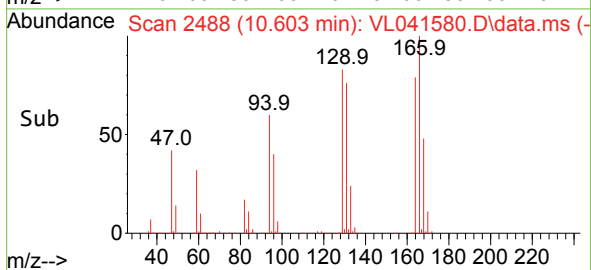
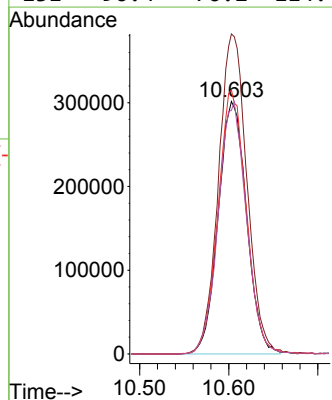
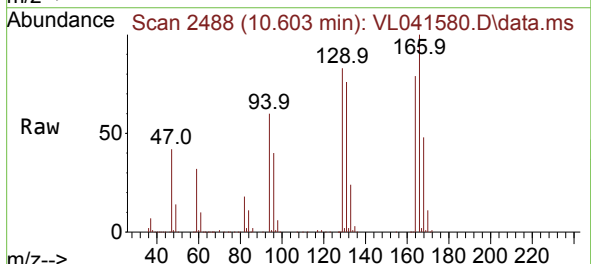
Instrument :
MSVOA_L
ClientSampleId :
VL0822ABS01

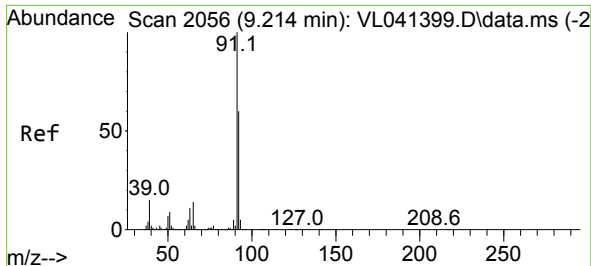
Tgt Ion: 43 Resp: 1590181
Ion Ratio Lower Upper
43 100
58 45.7 38.2 57.2
98 0.7 0.3 0.5



#52
Tetrachloroethene
Concen: 9.233 ppbv
RT: 10.603 min Scan# 2488
Delta R.T. -0.003 min
Lab File: VL041580.D
Acq: 22 Aug 2024 10:03

Tgt Ion:164 Resp: 664706
Ion Ratio Lower Upper
164 100
166 126.8 101.1 151.7
129 104.5 81.7 122.5
131 96.4 76.2 114.4

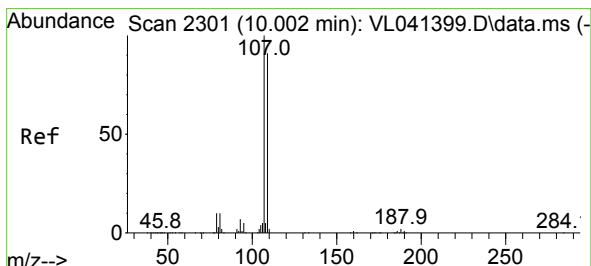
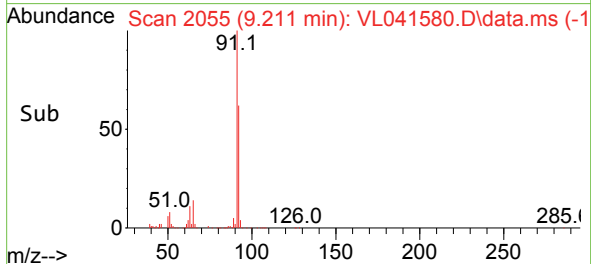
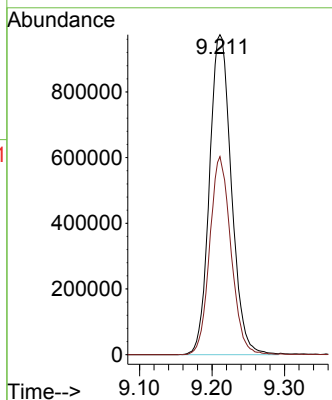
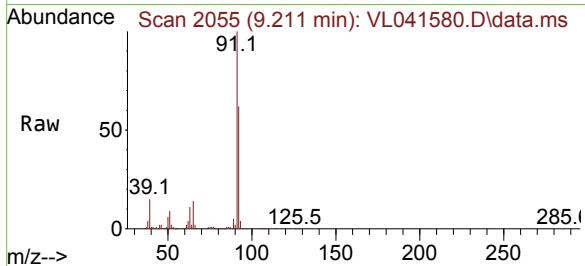




#53
Toluene
Concen: 9.862 ppbv
RT: 9.211 min Scan# 2056
Delta R.T. -0.000 min
Lab File: VL041580.D
Acq: 22 Aug 2024 10:03

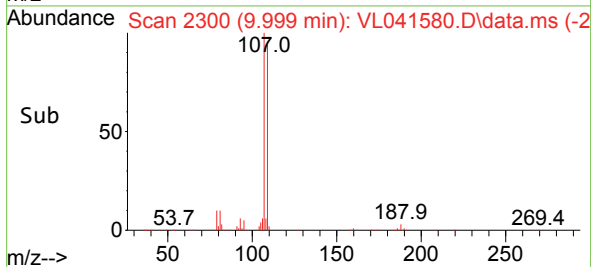
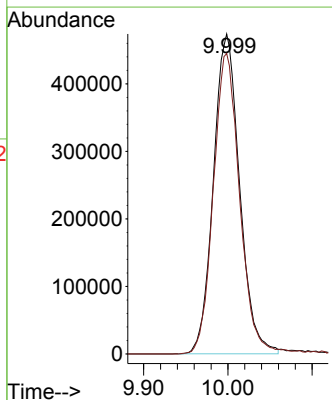
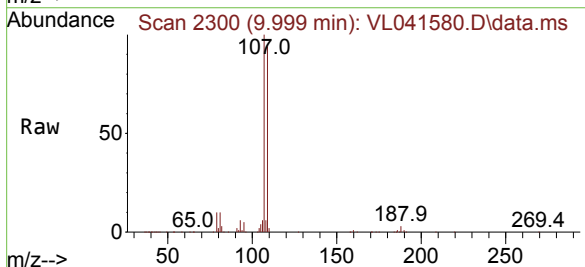
Instrument :
MSVOA_L
ClientSampleId :
VL0822ABS01

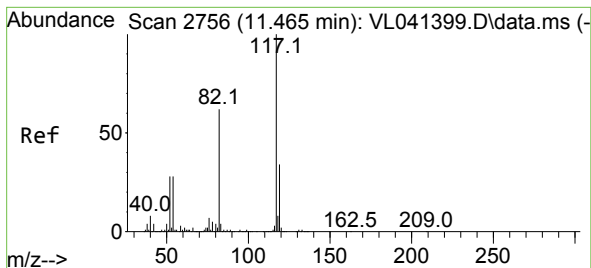
Tgt Ion: 91 Resp: 2046620
Ion Ratio Lower Upper
91 100
92 60.3 48.7 73.1



#54
1,2-Dibromoethane
Concen: 9.763 ppbv
RT: 9.999 min Scan# 2300
Delta R.T. -0.000 min
Lab File: VL041580.D
Acq: 22 Aug 2024 10:03

Tgt Ion: 107 Resp: 1021713
Ion Ratio Lower Upper
107 100
109 94.0 72.7 109.1

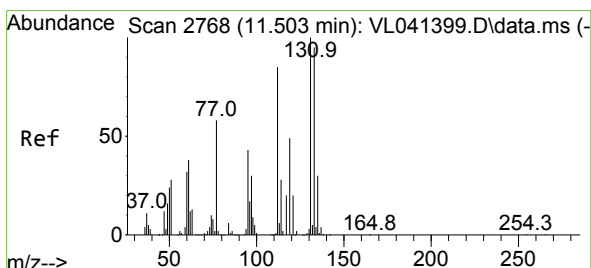
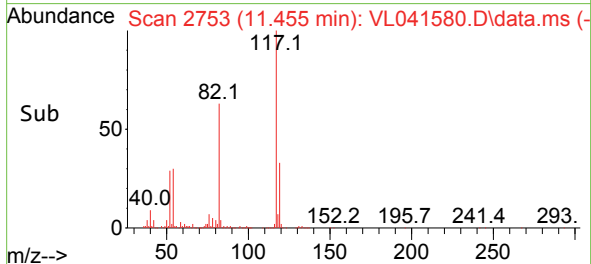
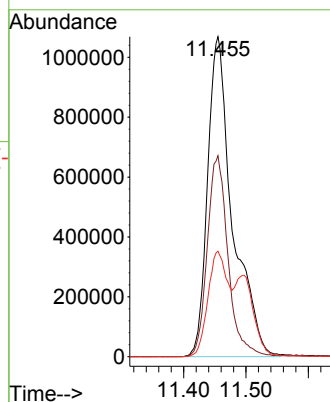
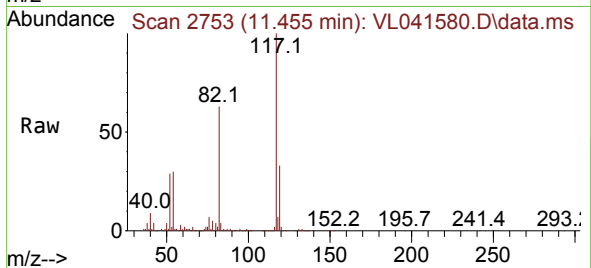




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.455 min Scan# 21
Delta R.T. -0.000 min
Lab File: VL041580.D
Acq: 22 Aug 2024 10:03

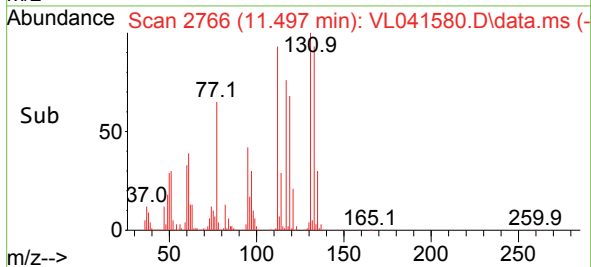
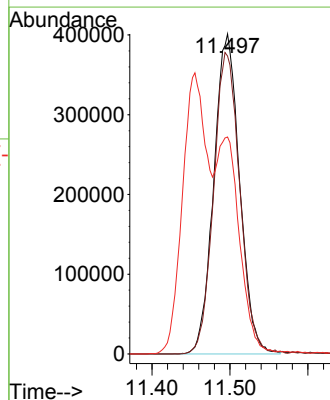
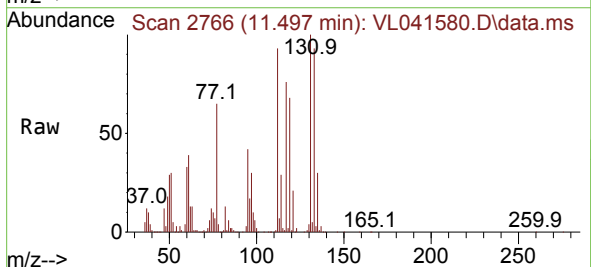
Instrument :
MSVOA_L
ClientSampleId :
VL0822ABS01

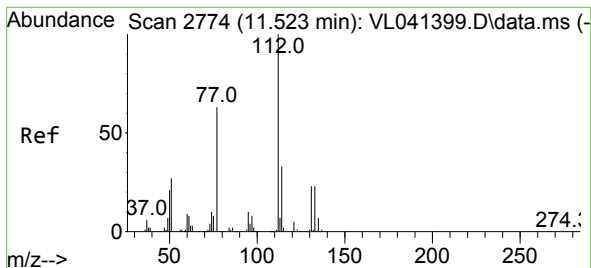
Tgt Ion:117 Resp: 2973634
Ion Ratio Lower Upper
117 100
82 52.5 51.0 76.6
119 46.5 45.2 67.8



#56
1,1,1,2-Tetrachloroethane
Concen: 8.018 ppbv
RT: 11.497 min Scan# 2766
Delta R.T. -0.000 min
Lab File: VL041580.D
Acq: 22 Aug 2024 10:03

Tgt Ion:131 Resp: 924704
Ion Ratio Lower Upper
131 100
133 95.8 77.0 115.4
119 56.7 121.5 182.3#

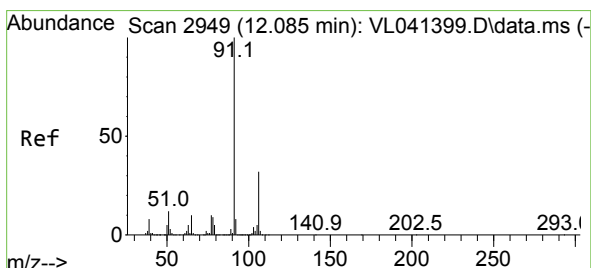
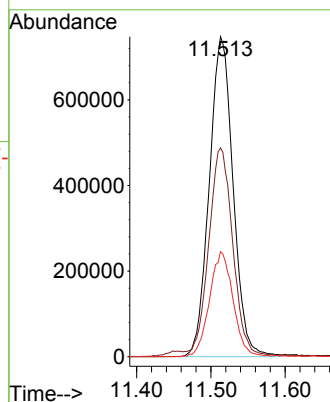
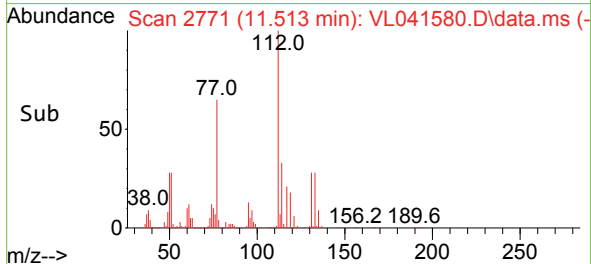
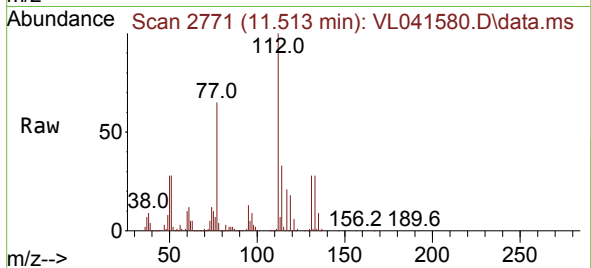




#57
Chlorobenzene
Concen: 7.872 ppbv
RT: 11.513 min Scan# 21
Delta R.T. -0.003 min
Lab File: VL041580.D
Acq: 22 Aug 2024 10:03

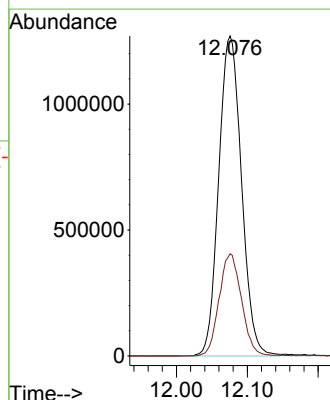
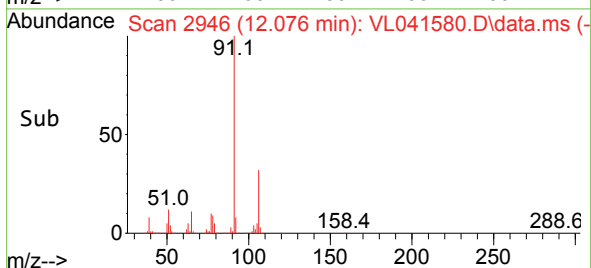
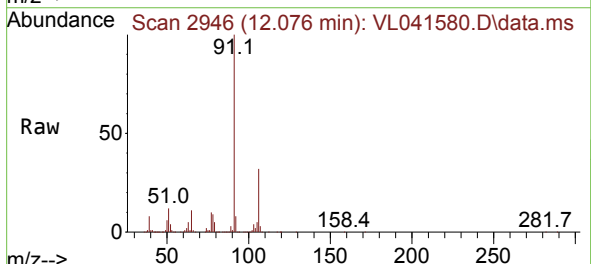
Instrument :
MSVOA_L
ClientSampleId :
VL0822ABS01

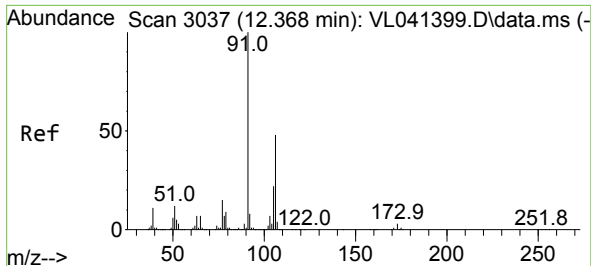
Tgt Ion:112 Resp: 1666723
Ion Ratio Lower Upper
112 100
77 64.8 51.1 76.7
114 32.7 29.5 36.1



#58
Ethyl Benzene
Concen: 8.275 ppbv
RT: 12.076 min Scan# 2946
Delta R.T. -0.000 min
Lab File: VL041580.D
Acq: 22 Aug 2024 10:03

Tgt Ion: 91 Resp: 2836096
Ion Ratio Lower Upper
91 100
106 32.0 25.8 38.8





#59

m/p-Xylene

Concen: 9.347 ppbv

RT: 12.359 min Scan# 3037

Delta R.T. -0.000 min

Lab File: VL041580.D

Acq: 22 Aug 2024 10:03

Instrument :

MSVOA_L

ClientSampleId :

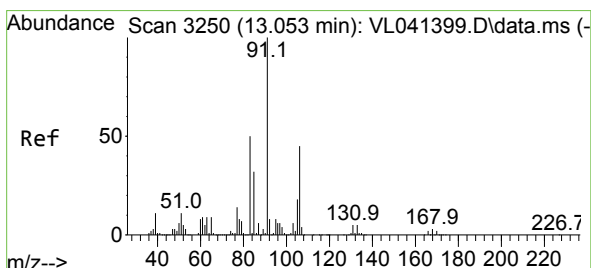
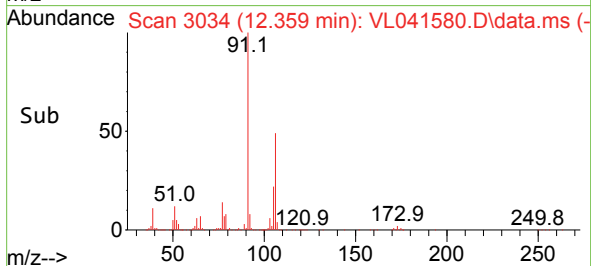
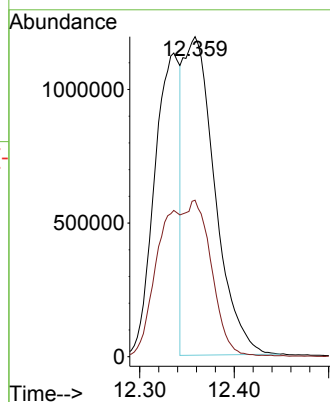
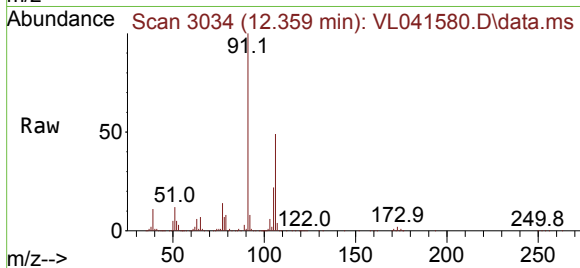
VL0822ABS01

Tgt Ion: 91 Resp: 2765565

Ion Ratio Lower Upper

91 100

106 80.6 36.3 54.5#



#60

o-Xylene

Concen: 8.563 ppbv

RT: 13.043 min Scan# 3247

Delta R.T. -0.003 min

Lab File: VL041580.D

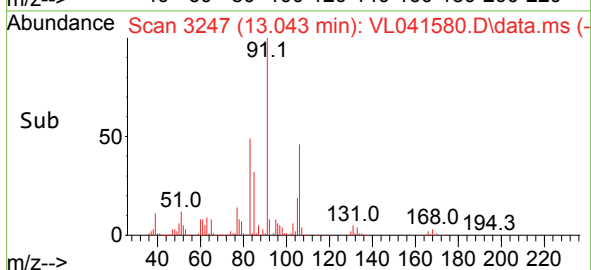
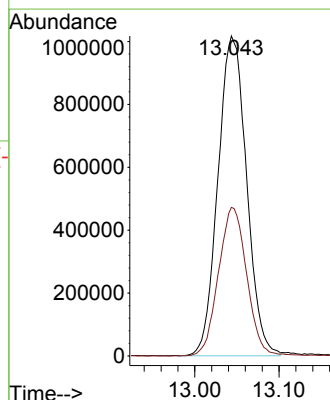
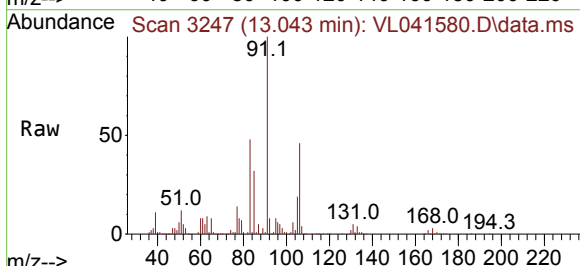
Acq: 22 Aug 2024 10:03

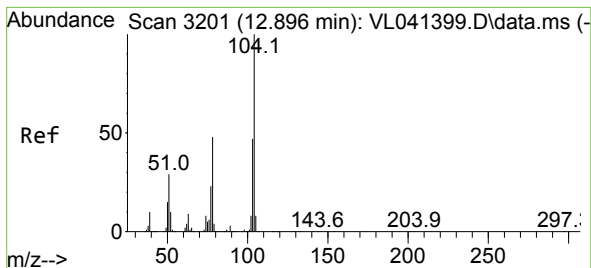
Tgt Ion: 91 Resp: 2396798

Ion Ratio Lower Upper

91 100

106 46.4 23.1 69.3





#61

Styrene

Concen: 9.116 ppbv

RT: 12.886 min Scan# 3119

Delta R.T. 0.003 min

Lab File: VL041580.D

Acq: 22 Aug 2024 10:03

Instrument :

MSVOA_L

ClientSampleId :

VL0822ABS01

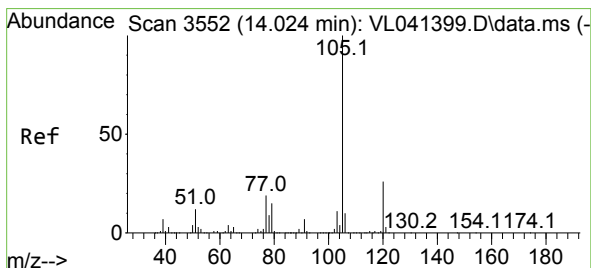
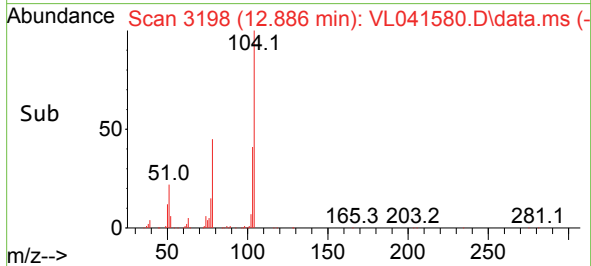
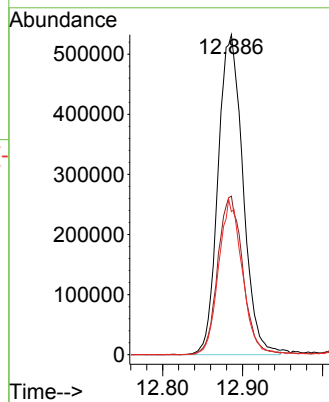
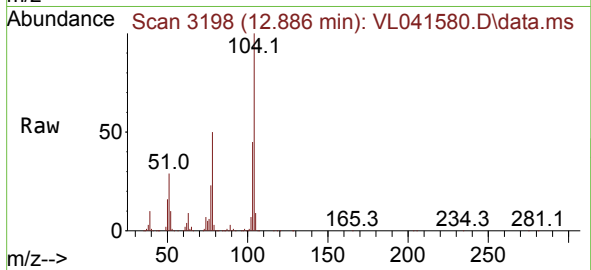
Tgt Ion:104 Resp: 1151033

Ion Ratio Lower Upper

104 100

78 50.2 40.8 61.2

103 46.5 38.2 57.4



#62

Isopropylbenzene

Concen: 8.218 ppbv

RT: 14.018 min Scan# 3550

Delta R.T. 0.003 min

Lab File: VL041580.D

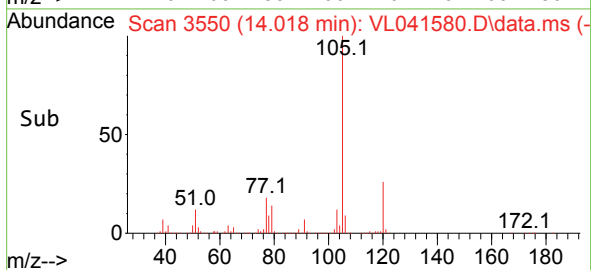
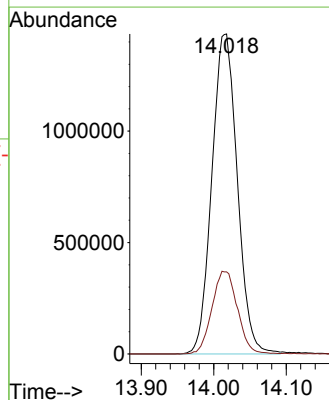
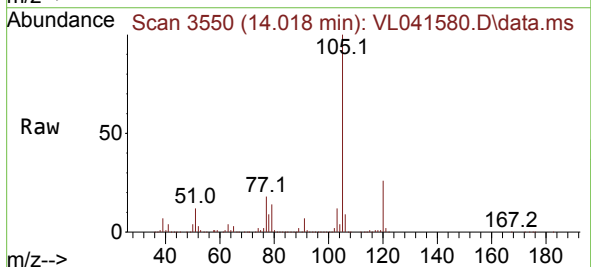
Acq: 22 Aug 2024 10:03

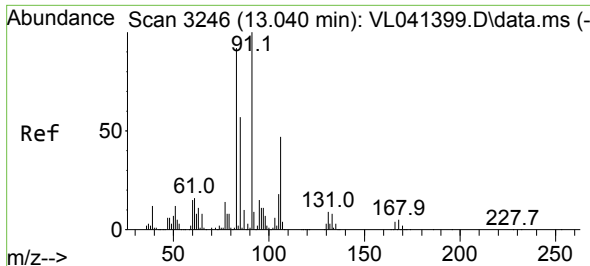
Tgt Ion:105 Resp: 3496678

Ion Ratio Lower Upper

105 100

120 25.9 21.0 31.4

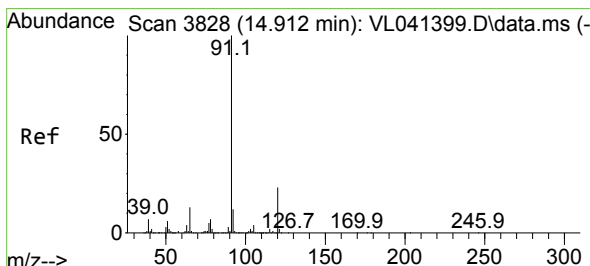
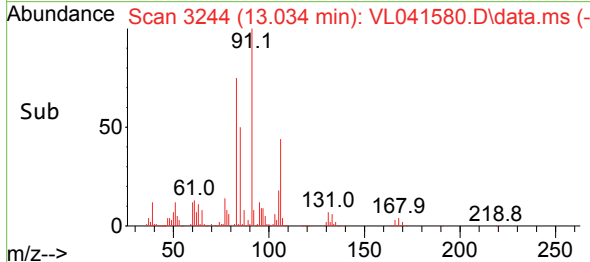
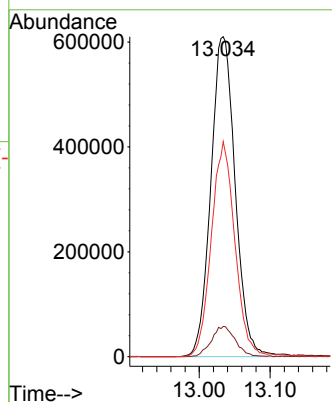
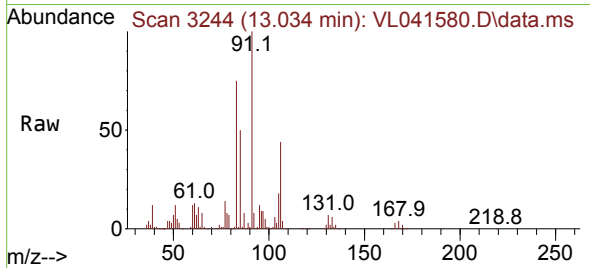




#63
1,1,2,2-Tetrachloroethane
Concen: 8.251 ppbv
RT: 13.034 min Scan# 31
Delta R.T. -0.000 min
Lab File: VL041580.D
Acq: 22 Aug 2024 10:03

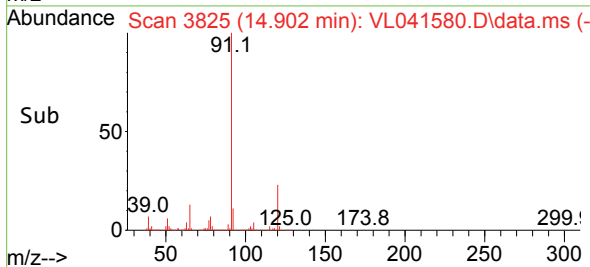
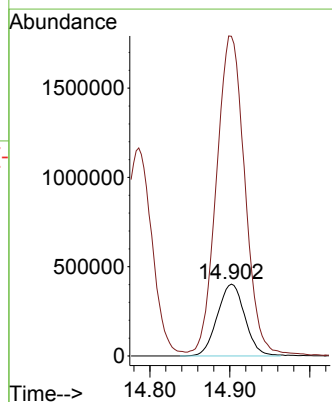
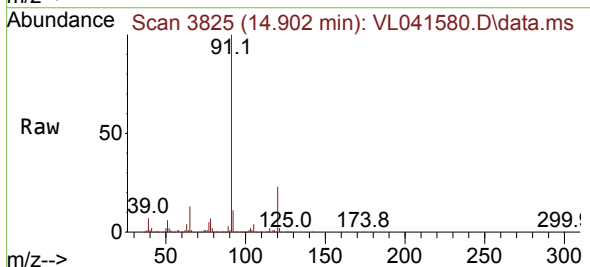
Instrument :
MSVOA_L
ClientSampleId :
VL0822ABS01

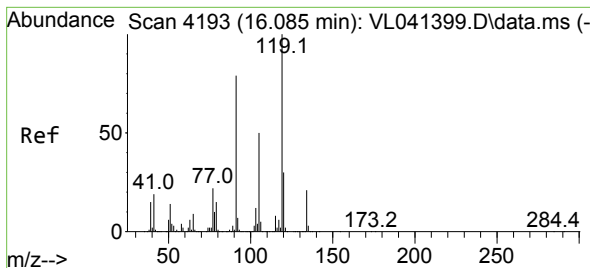
Tgt Ion: 83 Resp: 1458342
Ion Ratio Lower Upper
83 100
131 9.4 4.8 14.4
85 65.5 32.6 98.0



#64
n-propylbenzene
Concen: 8.647 ppbv
RT: 14.902 min Scan# 3825
Delta R.T. -0.000 min
Lab File: VL041580.D
Acq: 22 Aug 2024 10:03

Tgt Ion:120 Resp: 961884
Ion Ratio Lower Upper
120 100
91 463.6 361.4 542.0





#65

tert-Butylbenzene

Concen: 8.639 ppbv

RT: 16.075 min Scan# 41

Delta R.T. -0.000 min

Lab File: VL041580.D

Acq: 22 Aug 2024 10:03

Instrument :

MSVOA_L

ClientSampleId :

VL0822ABS01

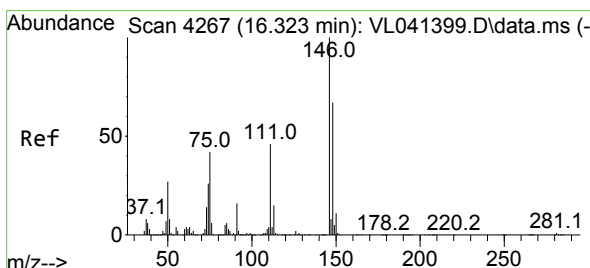
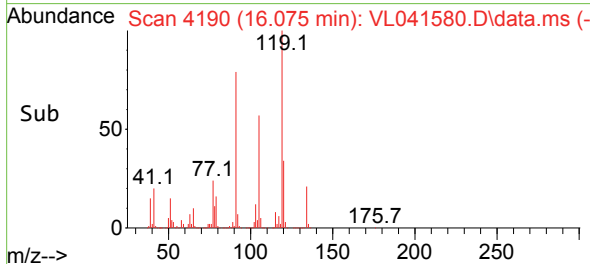
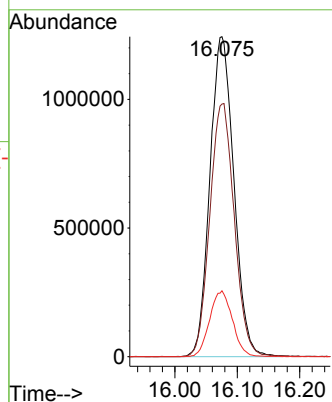
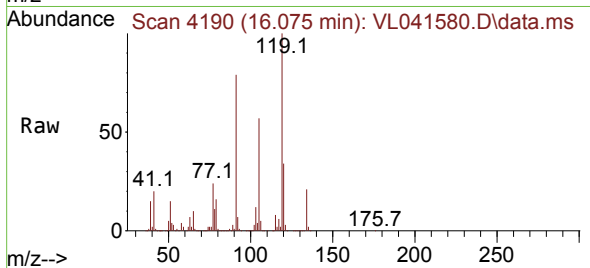
Tgt Ion:119 Resp: 3320094

Ion Ratio Lower Upper

119 100

91 80.8 64.2 96.2

134 19.6 15.7 23.5



#66

Benzyl Chloride

Concen: 8.319 ppbv

RT: 16.313 min Scan# 4264

Delta R.T. -0.003 min

Lab File: VL041580.D

Acq: 22 Aug 2024 10:03

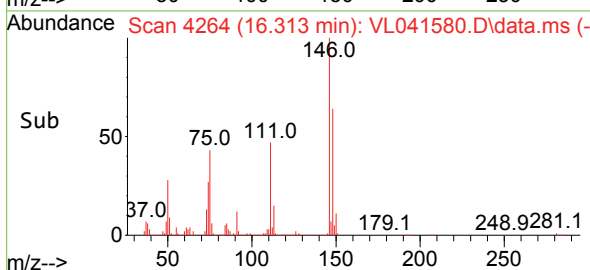
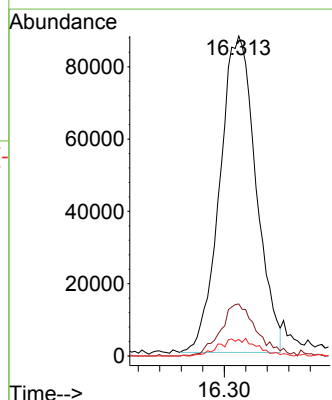
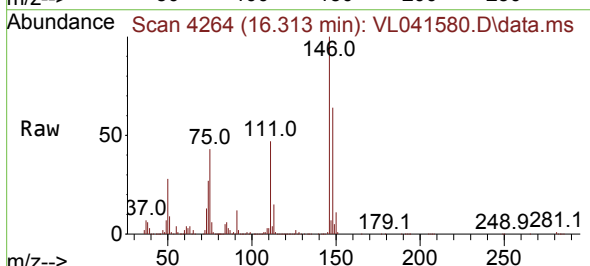
Tgt Ion: 91 Resp: 205074

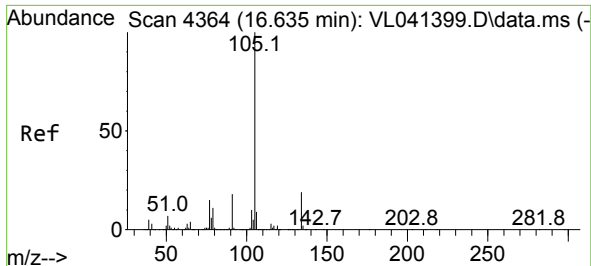
Ion Ratio Lower Upper

91 100

126 16.8 13.8 20.8

128 5.7 4.4 6.6

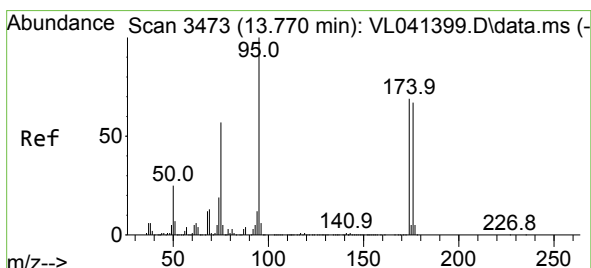
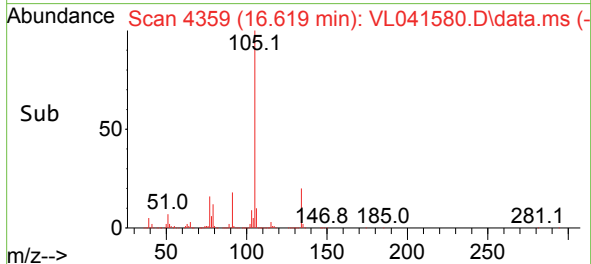
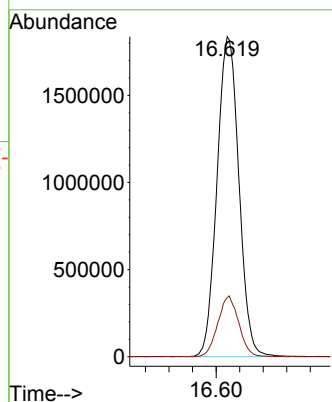
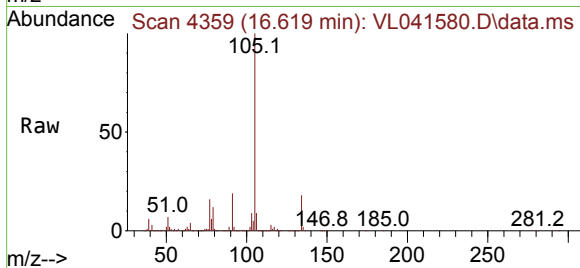




#67
 sec-Butylbenzene
 Concen: 8.953 ppbv
 RT: 16.619 min Scan# 41
 Delta R.T. -0.003 min
 Lab File: VL041580.D
 Acq: 22 Aug 2024 10:03

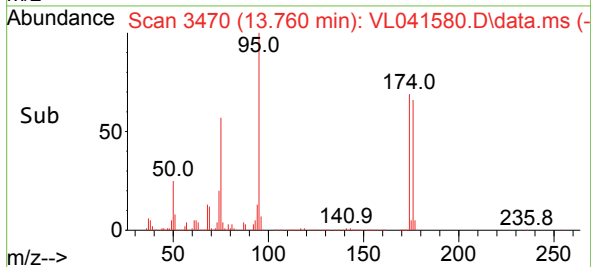
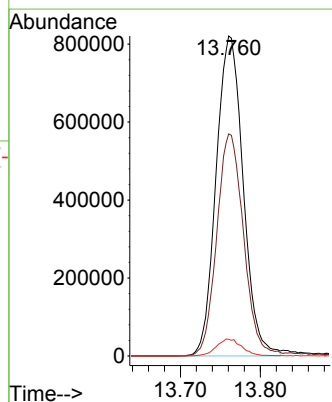
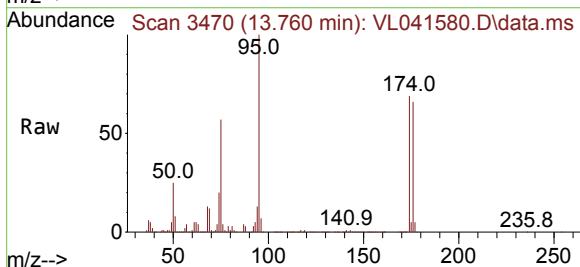
Instrument :
 MSVOA_L
 ClientSampleId :
 VL0822ABS01

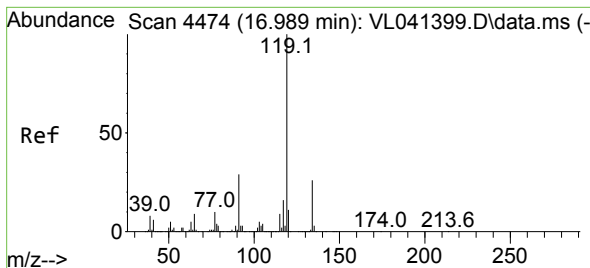
Tgt Ion:105 Resp: 4740419
 Ion Ratio Lower Upper
 105 100
 134 18.2 14.5 21.7



#68
 1-Bromo-4-Fluorobenzene
 Concen: 8.421 ppbv
 RT: 13.760 min Scan# 3470
 Delta R.T. -0.003 min
 Lab File: VL041580.D
 Acq: 22 Aug 2024 10:03

Tgt Ion: 95 Resp: 1927128
 Ion Ratio Lower Upper
 95 100
 174 70.0 56.3 84.5
 175 5.1 4.0 6.0





#69

p-Isopropyltoluene

Concen: 9.183 ppbv

RT: 16.982 min Scan# 4472

Delta R.T. -0.000 min

Lab File: VL041580.D

Acq: 22 Aug 2024 10:03

Instrument :

MSVOA_L

ClientSampleId :

VL0822ABS01

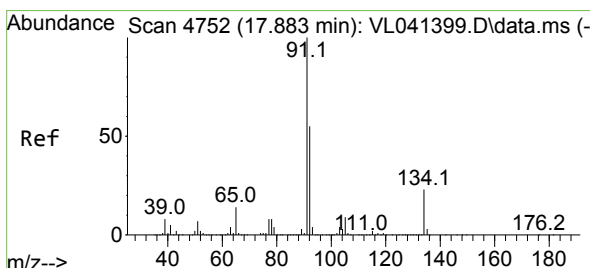
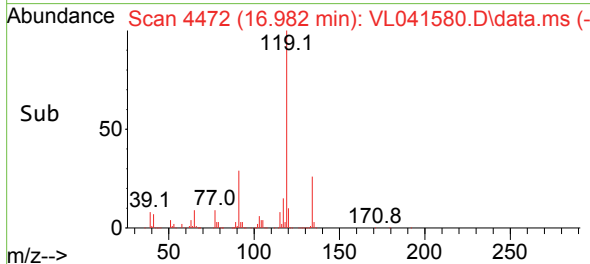
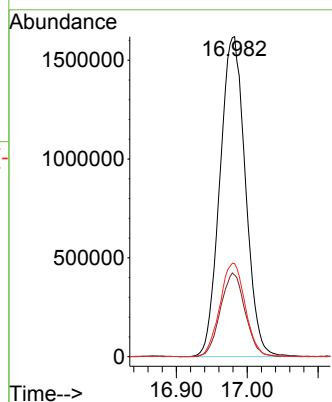
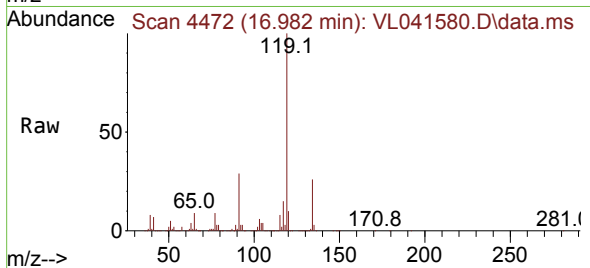
Tgt Ion:119 Resp: 4034989

Ion Ratio Lower Upper

119 100

134 25.5 20.5 30.7

91 29.0 23.2 34.8



#70

n-Butylbenzene

Concen: 9.562 ppbv

RT: 17.870 min Scan# 4748

Delta R.T. -0.003 min

Lab File: VL041580.D

Acq: 22 Aug 2024 10:03

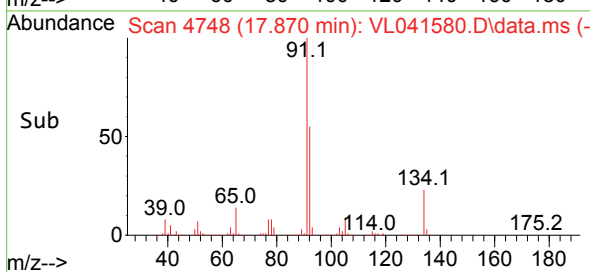
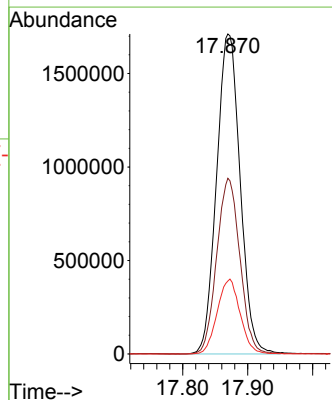
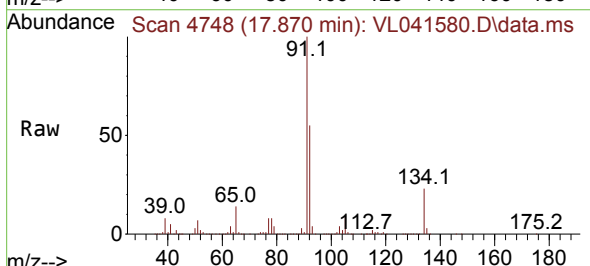
Tgt Ion: 91 Resp: 4306968

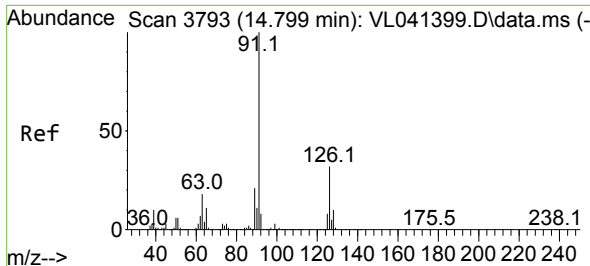
Ion Ratio Lower Upper

91 100

92 54.1 43.2 64.8

134 22.8 18.5 27.7

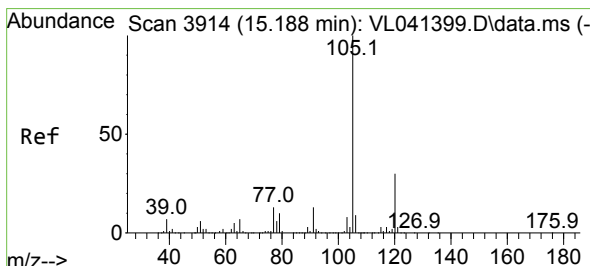
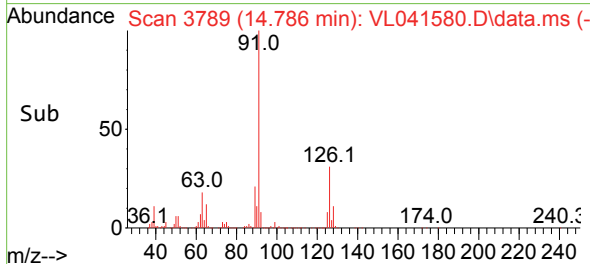
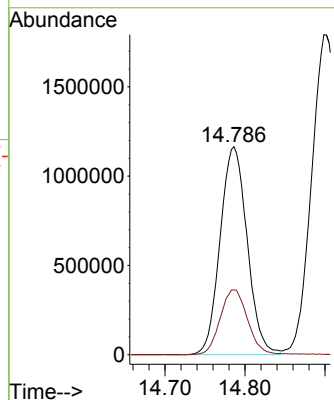
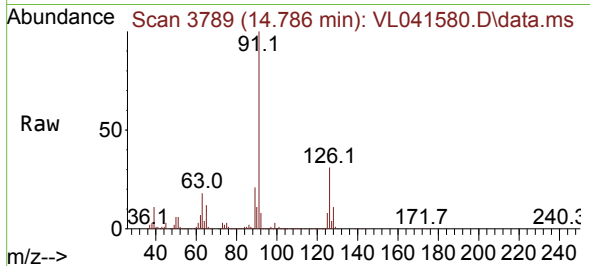




#71
2-Chlorotoluene
Concen: 8.720 ppbv
RT: 14.786 min Scan# 31
Delta R.T. -0.000 min
Lab File: VL041580.D
Acq: 22 Aug 2024 10:03

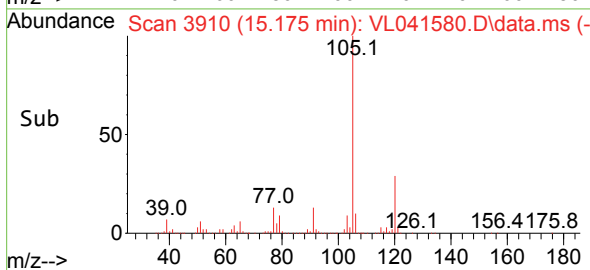
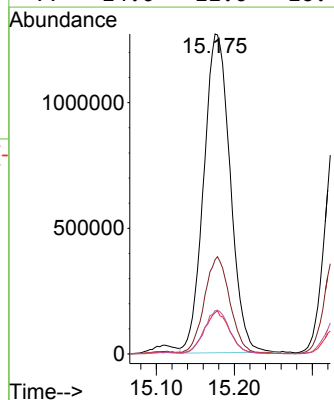
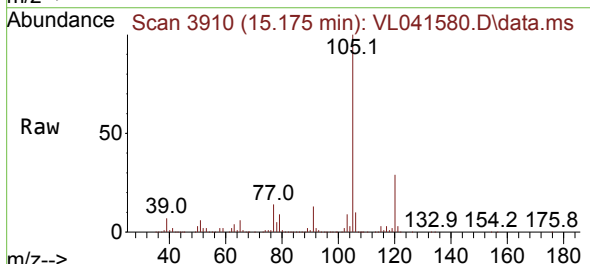
Instrument :
MSVOA_L
ClientSampleId :
VL0822ABS01

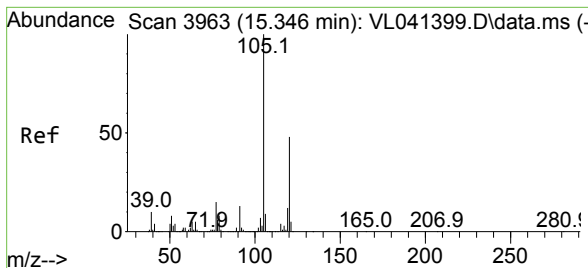
Tgt Ion: 91 Resp: 2736065
Ion Ratio Lower Upper
91 100
126 32.1 12.7 50.9



#72
4-Ethyltoluene
Concen: 9.063 ppbv
RT: 15.175 min Scan# 3910
Delta R.T. -0.003 min
Lab File: VL041580.D
Acq: 22 Aug 2024 10:03

Tgt Ion: 105 Resp: 2986324
Ion Ratio Lower Upper
105 100
120 30.7 24.2 36.2
91 12.7 10.4 15.6
77 14.0 11.0 16.4





#73

1,3,5-Trimethylbenzene

Concen: 9.095 ppbv

RT: 15.336 min Scan# 3960

Delta R.T. -0.000 min

Lab File: VL041580.D

Acq: 22 Aug 2024 10:03

Instrument :

MSVOA_L

ClientSampleId :

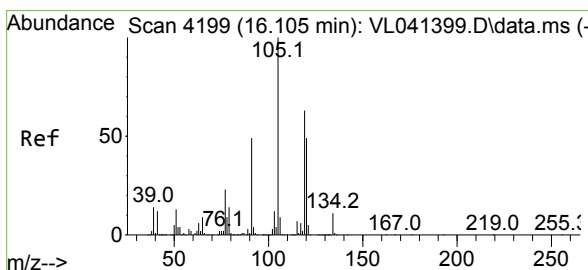
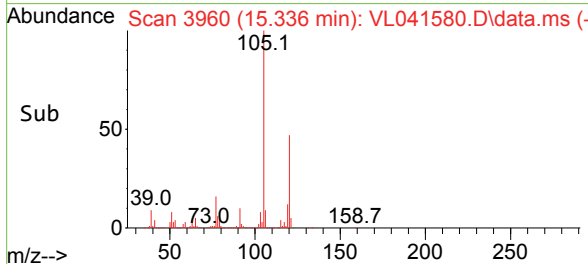
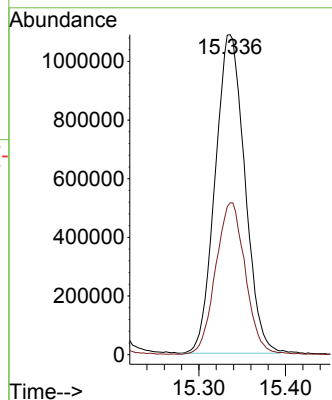
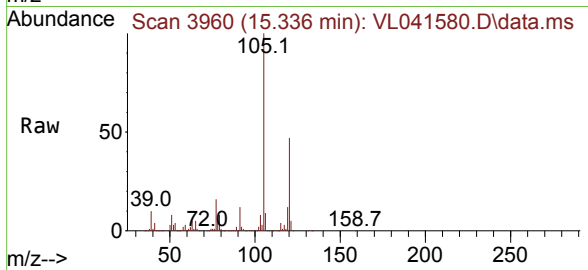
VL0822ABS01

Tgt Ion:105 Resp: 2581930

Ion Ratio Lower Upper

105 100

120 47.5 38.6 57.8



#74

1,2,4-Trimethylbenzene

Concen: 8.983 ppbv

RT: 16.092 min Scan# 4195

Delta R.T. -0.003 min

Lab File: VL041580.D

Acq: 22 Aug 2024 10:03

Tgt Ion:105 Resp: 2964615

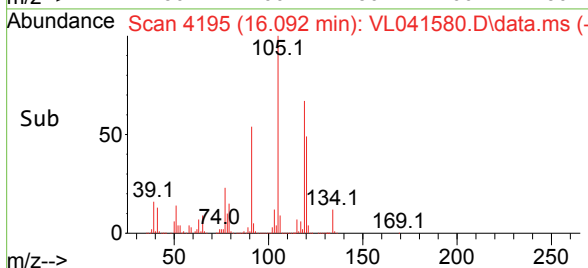
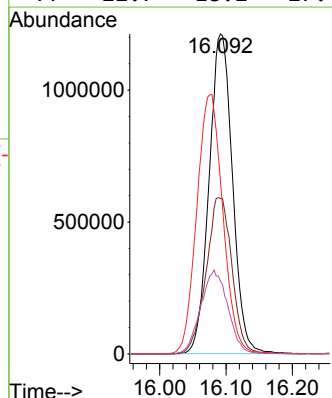
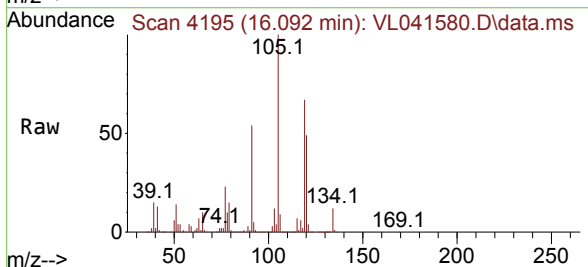
Ion Ratio Lower Upper

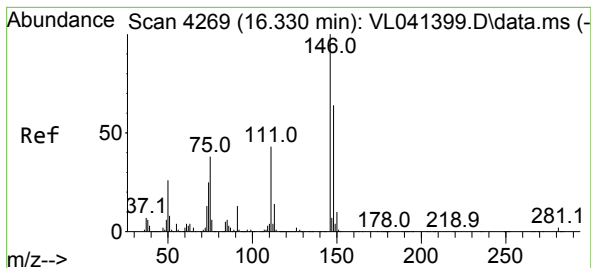
105 100

120 48.4 39.5 59.3

91 53.5 39.8 59.8

77 22.7 18.2 27.4





#75

1,3-Dichlorobenzene

Concen: 9.033 ppbv

RT: 16.317 min Scan# 4309

Delta R.T. -0.003 min

Lab File: VL041580.D

Acq: 22 Aug 2024 10:03

Instrument :

MSVOA_L

ClientSampleId :

VL0822ABS01

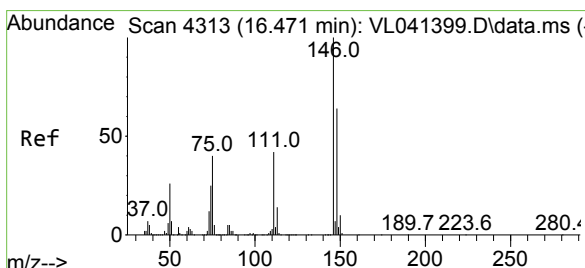
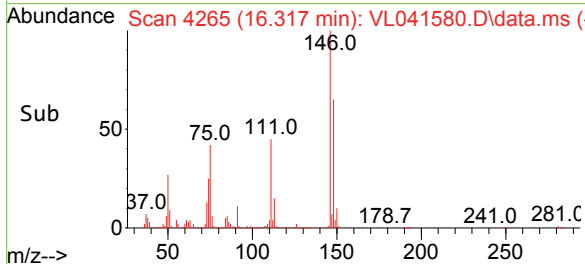
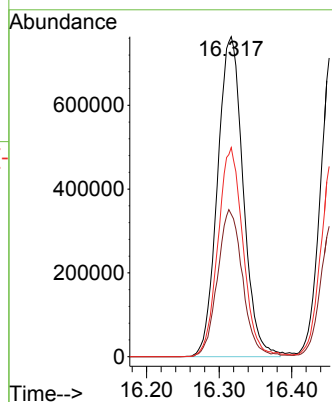
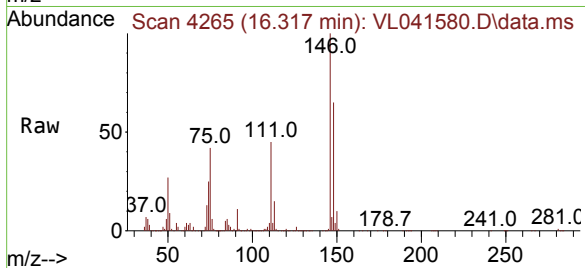
Tgt Ion:146 Resp: 1873937

Ion Ratio Lower Upper

146 100

111 45.1 22.6 67.8

148 64.0 32.3 96.8



#76

1,4-Dichlorobenzene

Concen: 9.005 ppbv

RT: 16.458 min Scan# 4309

Delta R.T. -0.000 min

Lab File: VL041580.D

Acq: 22 Aug 2024 10:03

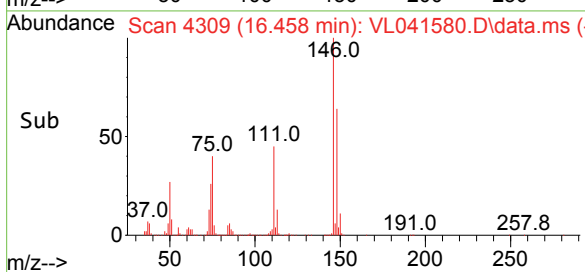
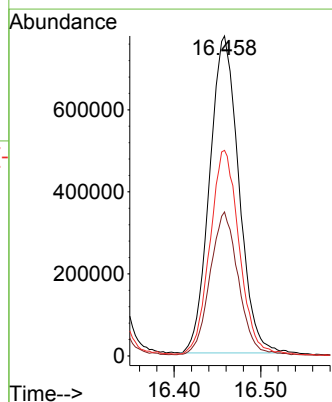
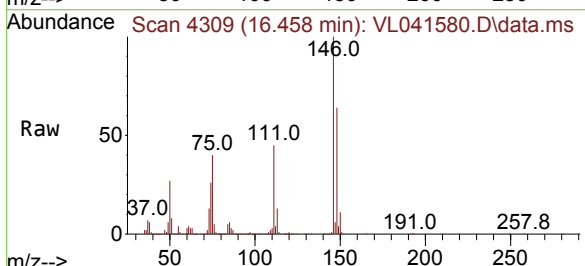
Tgt Ion:146 Resp: 1808964

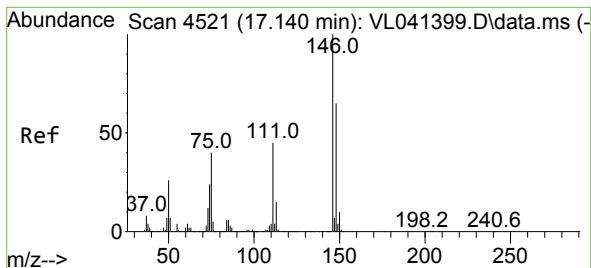
Ion Ratio Lower Upper

146 100

111 44.9 22.4 67.0

148 66.1 33.1 99.5





#77

1,2-Dichlorobenzene

Concen: 9.355 ppbv

RT: 17.127 min Scan# 4517

Delta R.T. -0.000 min

Lab File: VL041580.D

Acq: 22 Aug 2024 10:03

Instrument :

MSVOA_L

ClientSampleId :

VL0822ABS01

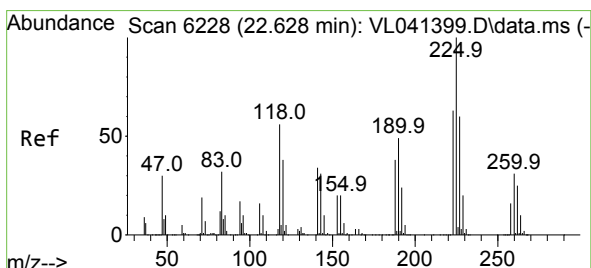
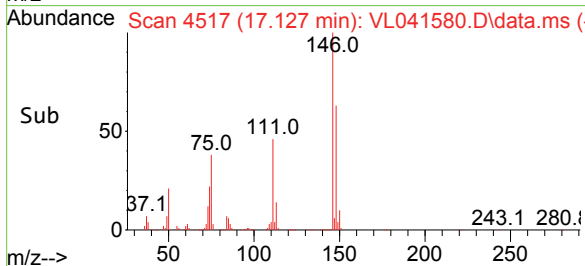
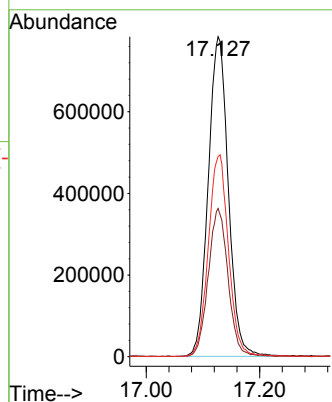
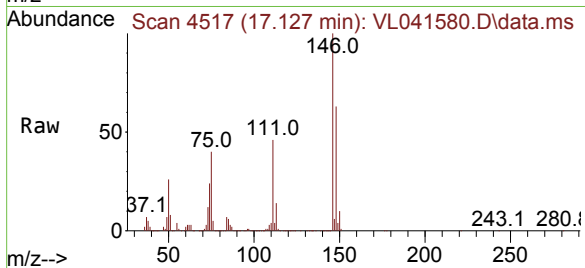
Tgt Ion:146 Resp: 1923961

Ion Ratio Lower Upper

146 100

111 46.2 23.4 70.0

148 63.5 32.2 96.6



#78

Hexachloro-1,3-Butadiene

Concen: 8.531 ppbv

RT: 22.612 min Scan# 6223

Delta R.T. -0.010 min

Lab File: VL041580.D

Acq: 22 Aug 2024 10:03

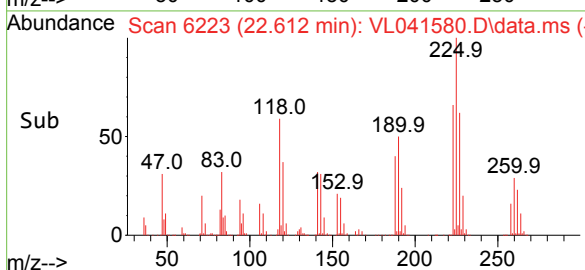
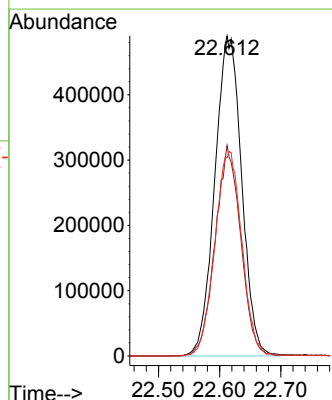
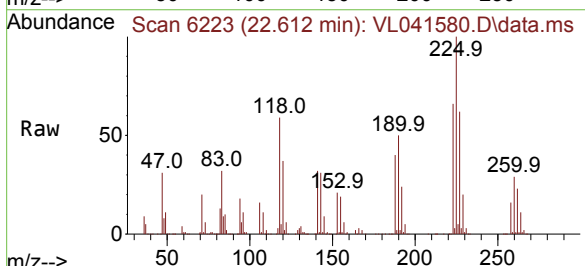
Tgt Ion:225 Resp: 1496133

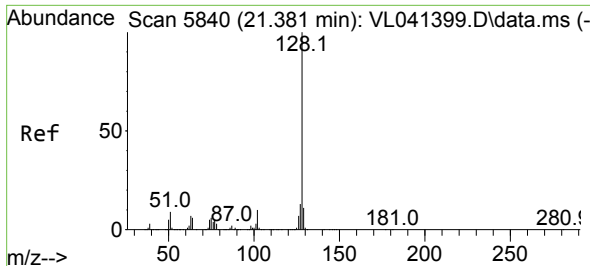
Ion Ratio Lower Upper

225 100

223 63.0 50.6 76.0

227 64.1 50.8 76.2

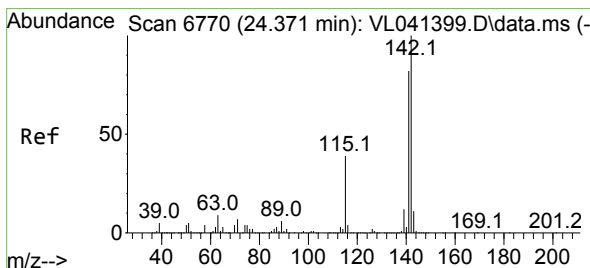
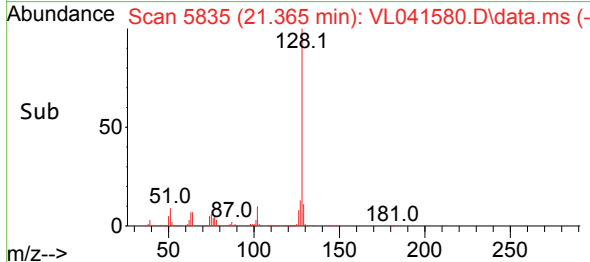
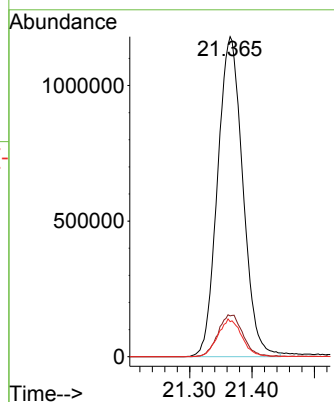
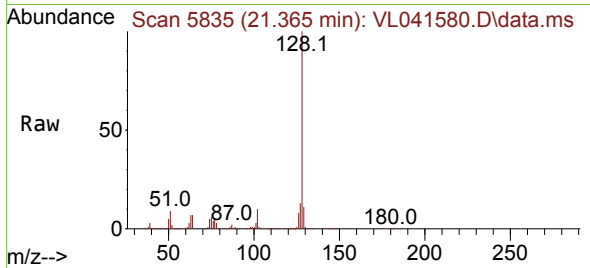




#79
Naphthalene
Concen: 11.379 ppbv
RT: 21.365 min Scan# 51
Delta R.T. -0.003 min
Lab File: VL041580.D
Acq: 22 Aug 2024 10:03

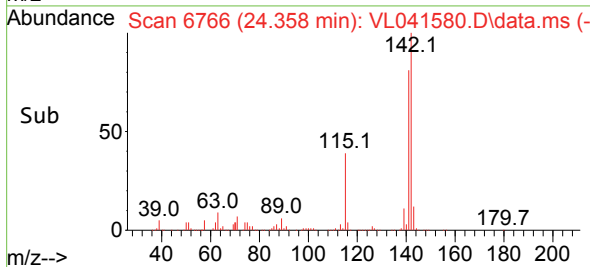
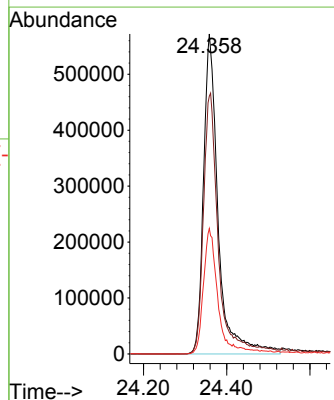
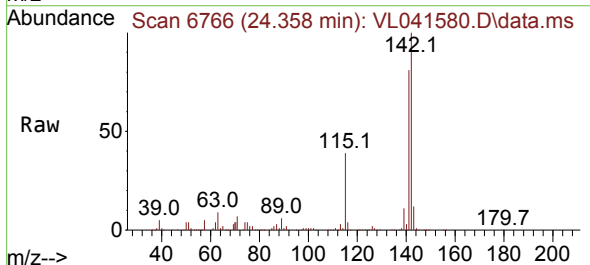
Instrument :
MSVOA_L
ClientSampleId :
VL0822ABS01

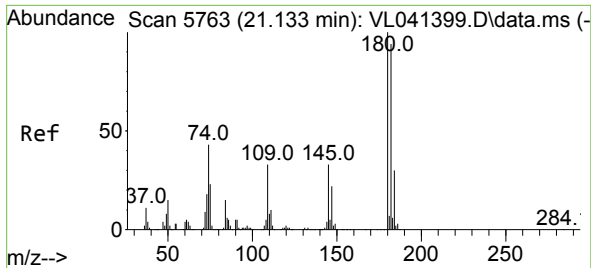
Tgt Ion:128 Resp: 3314588
Ion Ratio Lower Upper
128 100
127 12.7 10.3 15.5
129 10.9 9.0 13.4



#80
Naphthalene,2-methyl-
Concen: 5.721 ppbv
RT: 24.358 min Scan# 6766
Delta R.T. -0.007 min
Lab File: VL041580.D
Acq: 22 Aug 2024 10:03

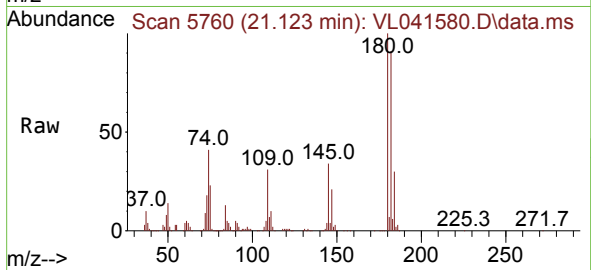
Tgt Ion:142 Resp: 1396988
Ion Ratio Lower Upper
142 100
141 83.6 67.0 100.4
115 40.0 32.2 48.2





#81
 1,2,4-Trichlorobenzene
 Concen: 9.897 ppbv
 RT: 21.123 min Scan# 51
 Delta R.T. -0.000 min
 Lab File: VL041580.D
 Acq: 22 Aug 2024 10:03

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0822ABS01



Tgt Ion:180 Resp: 1715541

Ion	Ratio	Lower	Upper
180	100		
182	96.0	76.7	115.1
184	30.5	24.5	36.7

