

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL040824\
 Data File : VL041146.D
 Acq On : 8 Apr 2024 12:04
 Operator : SY/MD
 Sample : VL0408ABS01
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0408ABS01

Quant Time: Apr 09 01:12:12 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL040424AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Tue Apr 09 01:10:08 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.182	49	1276015	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.645	114	3441981	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.455	117	3423280	10.000	ppbv	0.00

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.764	95	2615341	9.501	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	95.000%

Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.722	85	1973563	9.042	ppbv	99
3) Chlorodifluoromethane	2.668	51	1912896	9.733	ppbv	99
4) Chloromethane	2.806	50	733859	9.867	ppbv	96
5) Vinyl Chloride	2.912	62	748886	10.424	ppbv	100
6) Bromomethane	3.111	94	240844	8.906	ppbv	96
7) Chloroethane	3.189	64	258084	9.788	ppbv	98
8) Dichlorotetrafluoroethane	2.851	85	1860697	9.993	ppbv	99
9) Propene	2.687	41	655340	10.482	ppbv	95
10) Heptane	7.568	43	1619070	10.908	ppbv	99
11) Trichlorofluoromethane	3.555	101	1895524	9.577	ppbv	95
12) 1,1,2-Trichlorotrifluo...	4.057	101	1390793	9.708	ppbv	100
13) Ethanol	3.234	45	142839	9.605	ppbv	99
14) Bromoethene	3.359	108	557812	9.886	ppbv	97
15) Acetone	3.459	43	1448811	10.486	ppbv	99
16) 1,3-Butadiene	2.980	39	722900	10.659	ppbv	100
17) tert-Butyl alcohol	3.867	59	1355754	10.835	ppbv	100
18) 1,1-Dichloroethene	3.870	96	623310	10.191	ppbv	98
19) Isopropyl Alcohol	3.565	45	938484	11.181	ppbv #	97
20) Methylene Chloride	3.925	84	513042	9.003	ppbv	99
21) Allyl Chloride	3.989	41	868640	10.318	ppbv	99
22) trans-1,2-Dichloroethene	4.436	96	645357	10.065	ppbv	98
23) Vinyl Acetate	4.616	43	1571222	11.132	ppbv	98
24) 1,1-Dichloroethane	4.552	63	1317359	10.258	ppbv	99
25) Ethyl Acetate	5.192	43	2682251	10.337	ppbv	99
26) Hexane	5.201	57	1176785	10.107	ppbv	99
27) Carbon Disulfide	4.115	76	1524606	10.687	ppbv	99
28) Methyl tert-Butyl Ether	4.578	73	912523	10.386	ppbv	100
29) Chloroform	5.266	83	1959130	9.982	ppbv	96
30) Cyclohexane	6.590	84	1042719	10.995	ppbv	96
31) cis-1,2-Dichloroethene	5.070	61	1066424	9.677	ppbv	96
32) 1,1,1-Trichloroethane	5.992	97	1959444	10.800	ppbv	100
34) 2-Butanone	4.777	43	1463178	10.046	ppbv	98
35) Carbon Tetrachloride	6.481	117	2069910	10.563	ppbv	96
36) Benzene	6.362	78	2566721	10.155	ppbv	99
37) 1,2-Dichloroethane	5.796	62	1510341	9.952	ppbv	99
38) Trichloroethene	7.278	130	1032529	11.307	ppbv	96
39) 1,2-Dichloropropane	7.063	63	987657	9.910	ppbv	99
40) 1,4-Dioxane	7.278	88	382039	10.999	ppbv #	1
41) Tetrahydrofuran	5.545	42	1052476	10.853	ppbv	98
42) Bromodichloromethane	7.240	83	2220189	10.240	ppbv	97
43) Methyl Methacrylate	7.465	69	1073663	11.152	ppbv	99
44) 2,2,4-Trimethylpentane	7.317	57	4242055	10.137	ppbv	99
45) t-1,3-Dichloropropene	8.700	75	578504	10.196	ppbv	98

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 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

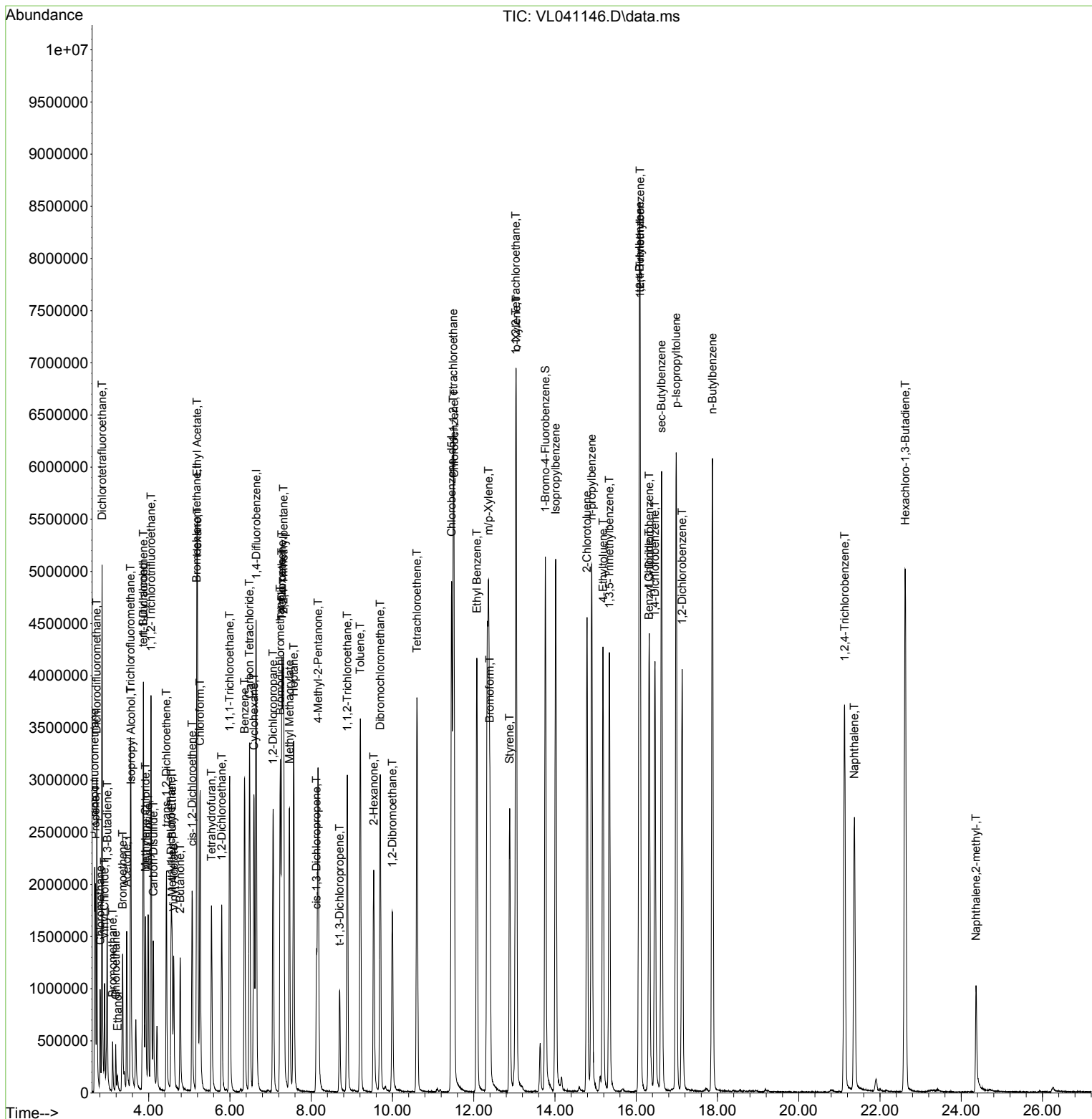
Instrument :
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 ClientSampleId :
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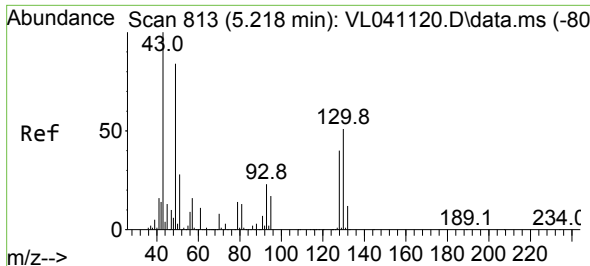
Quant Time: Apr 09 01:12:12 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL040424AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Tue Apr 09 01:10:08 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.131	75	752784	10.255	ppbv	99
47) 1,1,2-Trichloroethane	8.886	97	1098193	10.195	ppbv	98
48) Dibromochloromethane	9.700	129	1888122	11.042	ppbv	100
49) Bromoform	12.397	173	1505870	11.117	ppbv	99
50) 4-Methyl-2-Pentanone	8.169	43	2709148	10.570	ppbv	98
51) 2-Hexanone	9.539	43	1979028	11.136	ppbv	99
52) Tetrachloroethene	10.603	164	881422	10.930	ppbv	98
53) Toluene	9.208	91	2933376	11.022	ppbv	99
54) 1,2-Dibromoethane	9.999	107	1458379	10.856	ppbv	99
56) 1,1,1,2-Tetrachloroethane	11.497	131	1380207	9.811	ppbv	97
57) Chlorobenzene	11.516	112	2323903	9.917	ppbv	97
58) Ethyl Benzene	12.076	91	3992290	10.652	ppbv	99
59) m/p-Xylene	12.362	91	4041419	11.940	ppbv #	52
60) o-Xylene	13.047	91	3253629	10.145	ppbv	99
61) Styrene	12.886	104	1668589	11.742	ppbv	99
62) Isopropylbenzene	14.018	105	4767313	9.985	ppbv	100
63) 1,1,2,2-Tetrachloroethane	13.037	83	2464421	9.780	ppbv	100
64) n-propylbenzene	14.905	120	1271233	10.609	ppbv	95
65) tert-Butylbenzene	16.082	119	4302970	10.323	ppbv	98
66) Benzyl Chloride	16.313	91	189388	6.906	ppbv #	99
67) sec-Butylbenzene	16.622	105	6127186	10.174	ppbv	100
69) p-Isopropyltoluene	16.982	119	5048638	10.750	ppbv	99
70) n-Butylbenzene	17.876	91	5442875	10.669	ppbv	100
71) 2-Chlorotoluene	14.789	91	3738857	10.210	ppbv	99
72) 4-Ethyltoluene	15.182	105	3726525	10.403	ppbv	98
73) 1,3,5-Trimethylbenzene	15.339	105	3317429	10.501	ppbv	98
74) 1,2,4-Trimethylbenzene	16.098	105	3701021	10.237	ppbv	95
75) 1,3-Dichlorobenzene	16.320	146	2173233	10.295	ppbv	100
76) 1,4-Dichlorobenzene	16.461	146	2109576	10.274	ppbv	99
77) 1,2-Dichlorobenzene	17.130	146	2115917	10.322	ppbv	99
78) Hexachloro-1,3-Butadiene	22.622	225	1381536	10.137	ppbv	100
79) Naphthalene	21.368	128	3349928	14.442	ppbv	99
80) Naphthalene,2-methyl-	24.365	142	730130	16.159	ppbv	98
81) 1,2,4-Trichlorobenzene	21.130	180	774350	5.955	ppbv #	4

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

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL040424AIR.M
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Response via : Initial Calibration

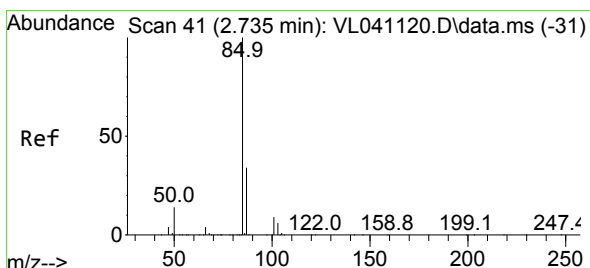
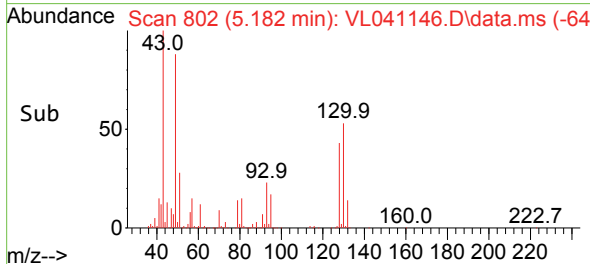
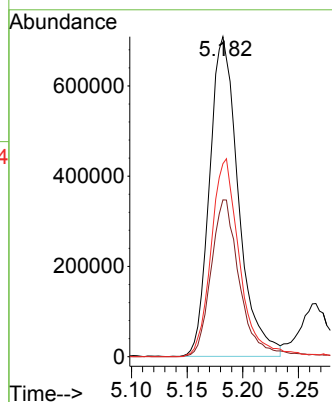
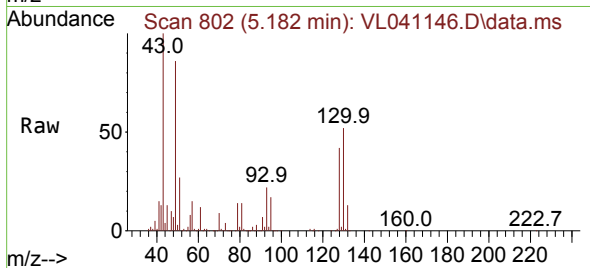




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.182 min Scan# 80
Delta R.T. 0.003 min
Lab File: VL041146.D
Acq: 8 Apr 2024 12:04

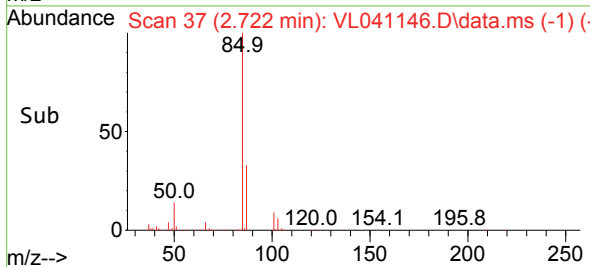
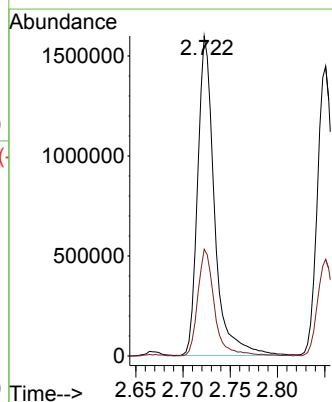
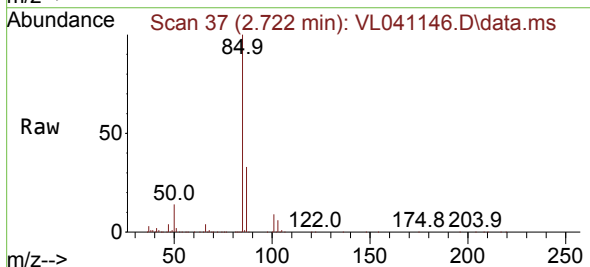
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MSVOA_L
ClientSampleId :
VL0408ABS01

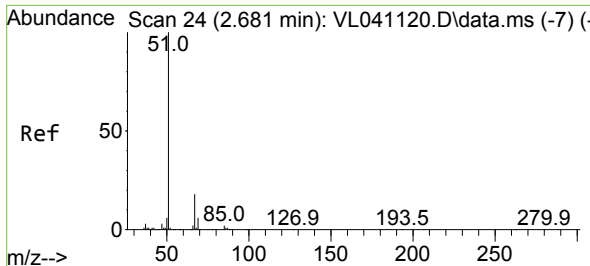
Tgt Ion: 49 Resp: 1276015
Ion Ratio Lower Upper
49 100
128 49.4 23.6 71.0
130 62.2 30.1 90.5



#2
Dichlorodifluoromethane
Concen: 9.042 ppbv
RT: 2.722 min Scan# 37
Delta R.T. 0.006 min
Lab File: VL041146.D
Acq: 8 Apr 2024 12:04

Tgt Ion: 85 Resp: 1973563
Ion Ratio Lower Upper
85 100
87 33.4 27.0 40.6

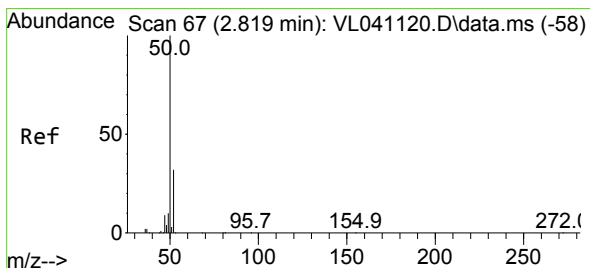
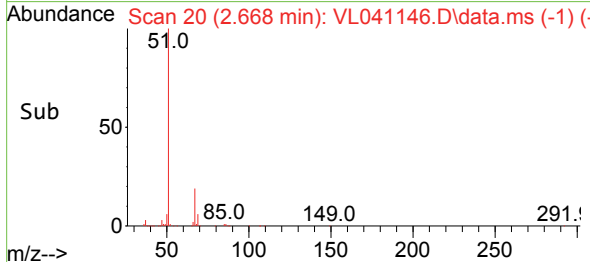
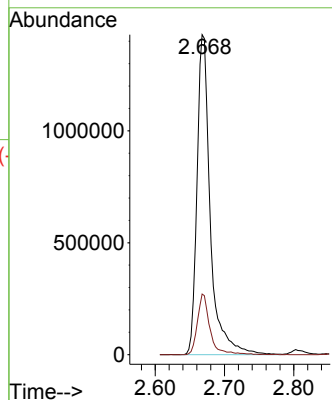
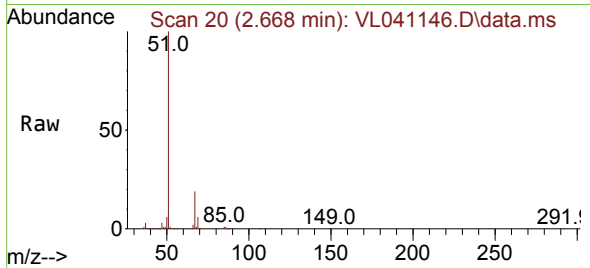




#3
Chlorodifluoromethane
Concen: 9.733 ppbv
RT: 2.668 min Scan# 20
Delta R.T. 0.003 min
Lab File: VL041146.D
Acq: 8 Apr 2024 12:04

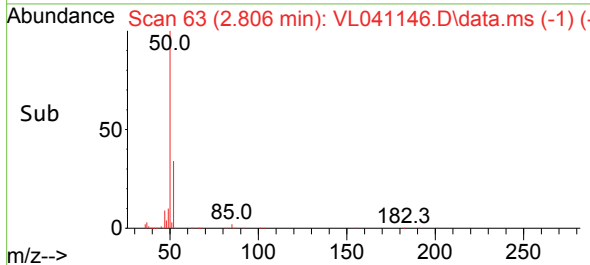
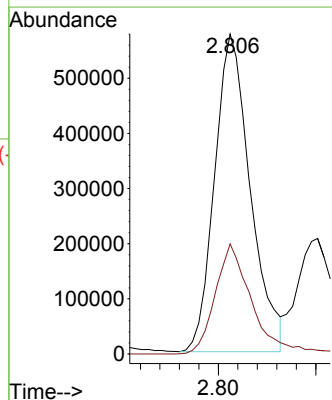
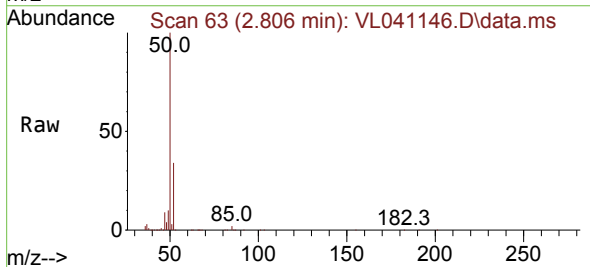
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ClientSampleId :
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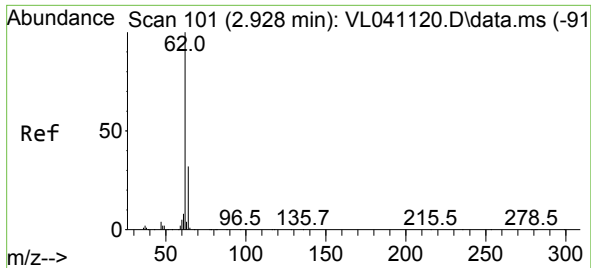
Tgt Ion: 51 Resp: 1912896
Ion Ratio Lower Upper
51 100
67 18.0 14.9 22.3



#4
Chloromethane
Concen: 9.867 ppbv
RT: 2.806 min Scan# 63
Delta R.T. 0.006 min
Lab File: VL041146.D
Acq: 8 Apr 2024 12:04

Tgt Ion: 50 Resp: 733859
Ion Ratio Lower Upper
50 100
52 34.6 26.0 39.0

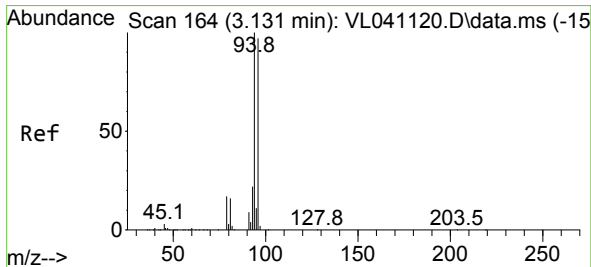
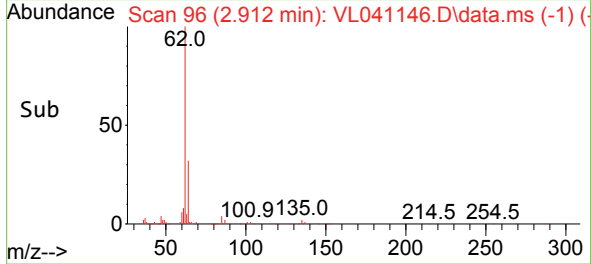
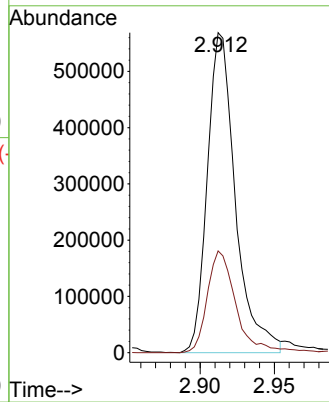
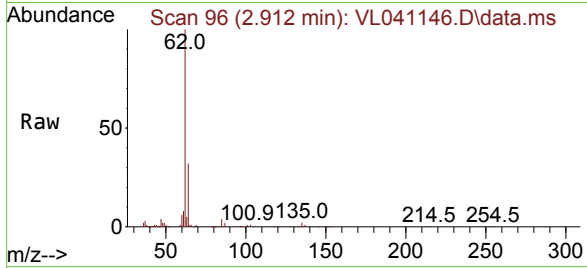




#5
 Vinyl Chloride
 Concen: 10.424 ppbv
 RT: 2.912 min Scan# 90
 Delta R.T. 0.003 min
 Lab File: VL041146.D
 Acq: 8 Apr 2024 12:04

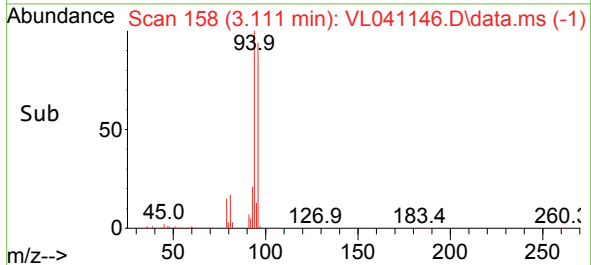
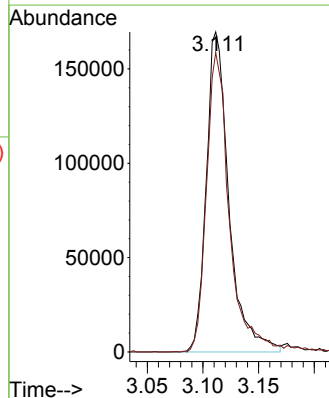
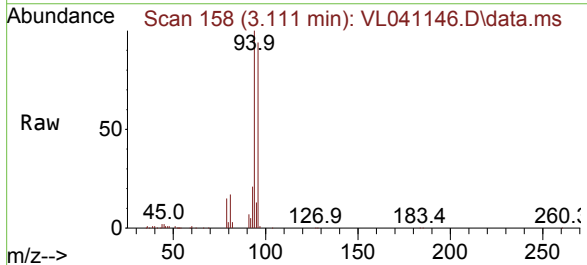
Instrument :
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 ClientSampleId :
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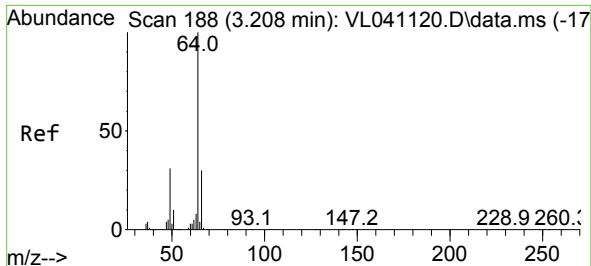
Tgt Ion: 62 Resp: 748886
 Ion Ratio Lower Upper
 62 100
 64 31.8 25.6 38.4



#6
 Bromomethane
 Concen: 8.906 ppbv
 RT: 3.111 min Scan# 158
 Delta R.T. 0.006 min
 Lab File: VL041146.D
 Acq: 8 Apr 2024 12:04

Tgt Ion: 94 Resp: 240844
 Ion Ratio Lower Upper
 94 100
 96 93.6 77.9 116.9

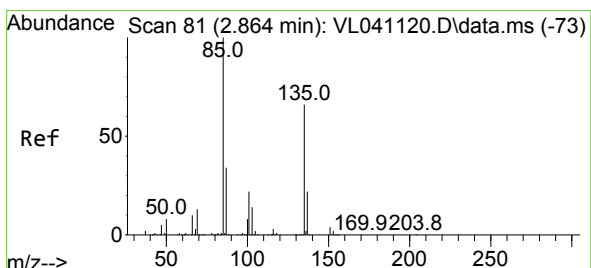
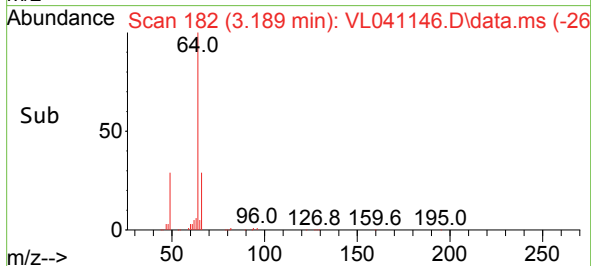
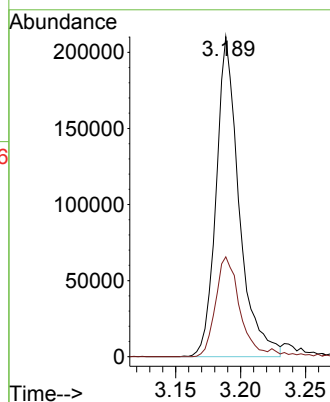
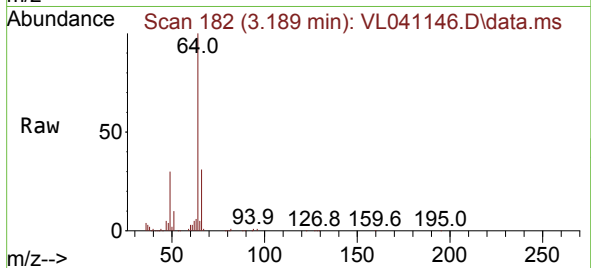




#7
Chloroethane
Concen: 9.788 ppbv
RT: 3.189 min Scan# 11
Delta R.T. 0.003 min
Lab File: VL041146.D
Acq: 8 Apr 2024 12:04

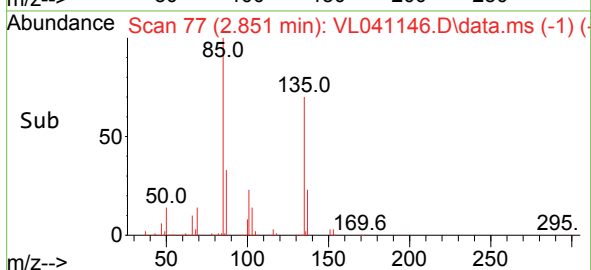
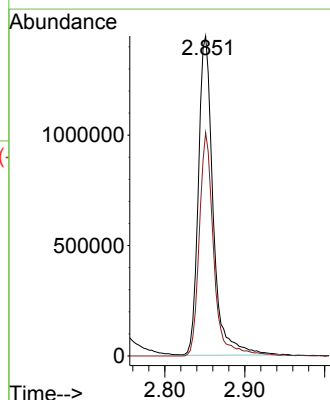
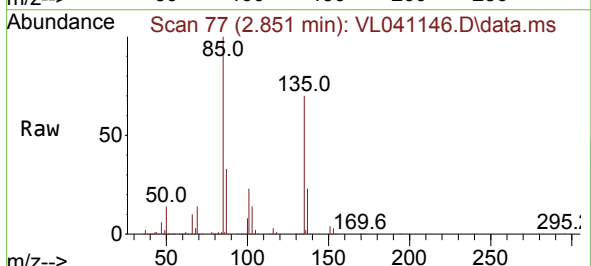
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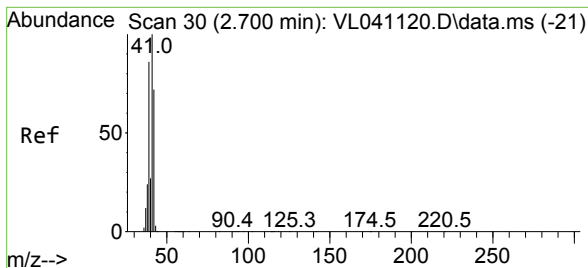
Tgt Ion: 64 Resp: 258084
Ion Ratio Lower Upper
64 100
66 31.2 24.2 36.4



#8
Dichlorotetrafluoroethane
Concen: 9.993 ppbv
RT: 2.851 min Scan# 77
Delta R.T. 0.006 min
Lab File: VL041146.D
Acq: 8 Apr 2024 12:04

Tgt Ion: 85 Resp: 1860697
Ion Ratio Lower Upper
85 100
135 68.7 54.2 81.2

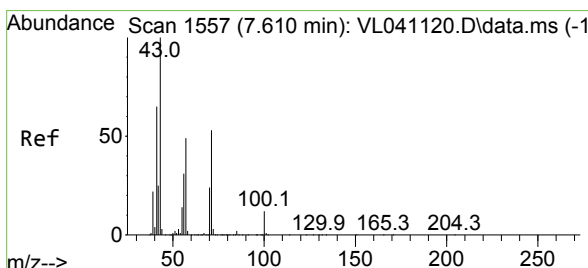
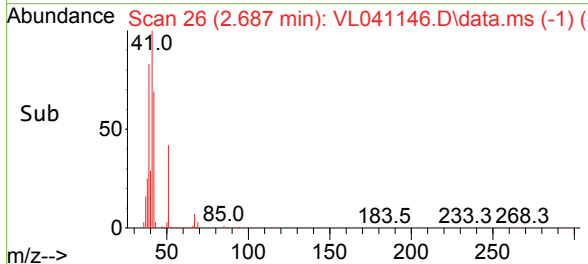
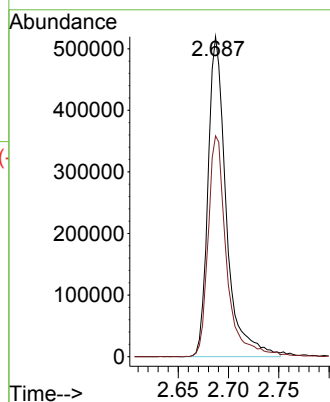
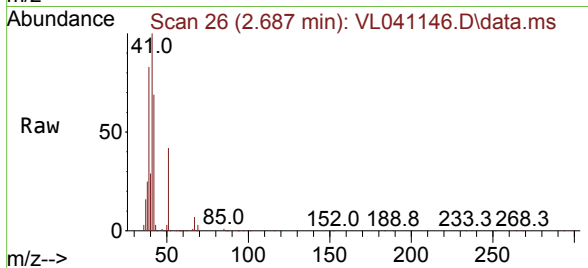




#9
 Propene
 Concen: 10.482 ppbv
 RT: 2.687 min Scan# 20
 Delta R.T. 0.006 min
 Lab File: VL041146.D
 Acq: 8 Apr 2024 12:04

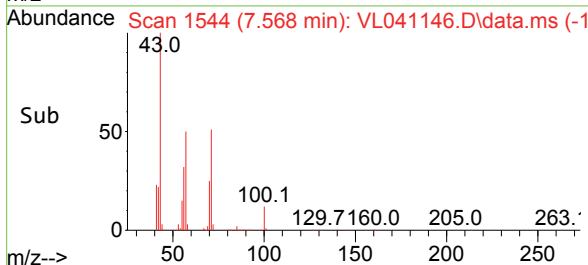
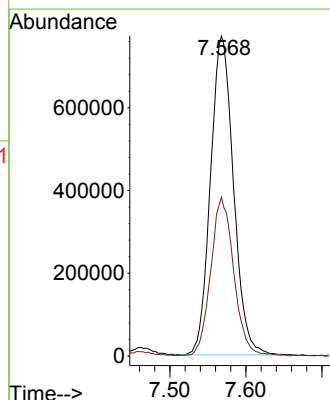
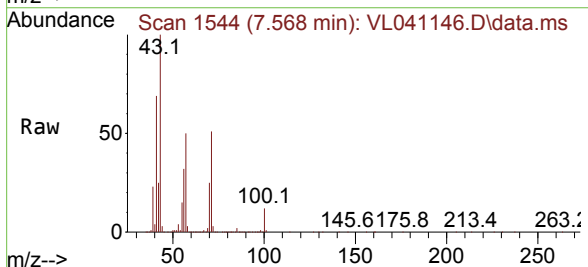
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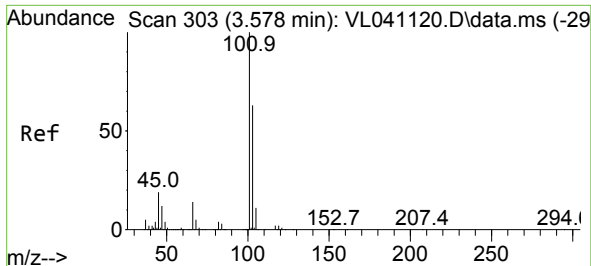
Tgt Ion: 41 Resp: 655340
 Ion Ratio Lower Upper
 41 100
 42 70.5 60.1 90.1



#10
 Heptane
 Concen: 10.908 ppbv
 RT: 7.568 min Scan# 1544
 Delta R.T. 0.006 min
 Lab File: VL041146.D
 Acq: 8 Apr 2024 12:04

Tgt Ion: 43 Resp: 1619070
 Ion Ratio Lower Upper
 43 100
 57 49.4 39.9 59.9

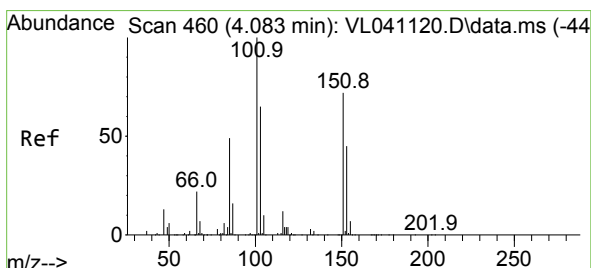
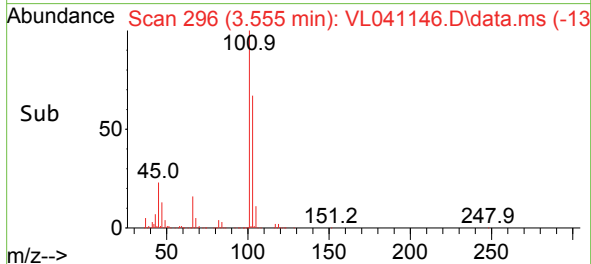
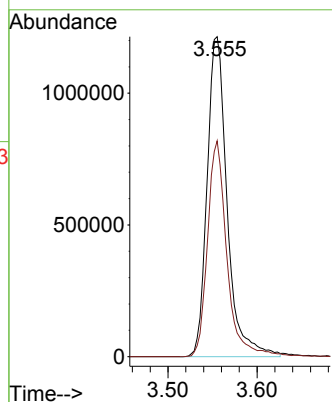
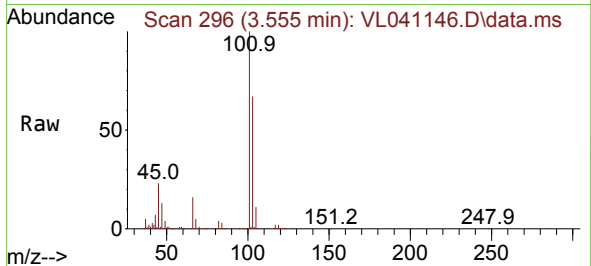




#11
Trichlorofluoromethane
Concen: 9.577 ppbv
RT: 3.555 min Scan# 296
Delta R.T. 0.006 min
Lab File: VL041146.D
Acq: 8 Apr 2024 12:04

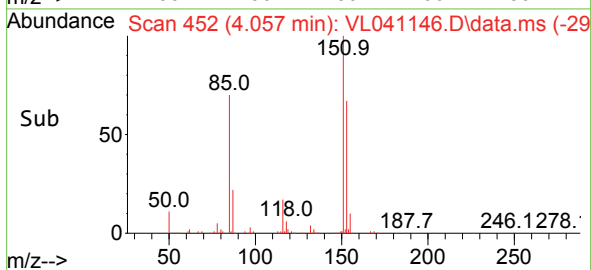
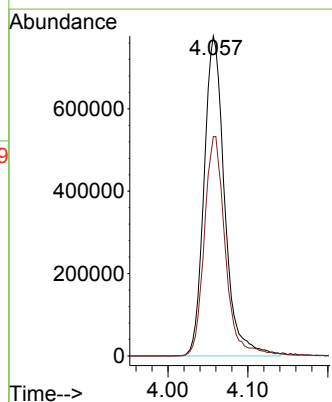
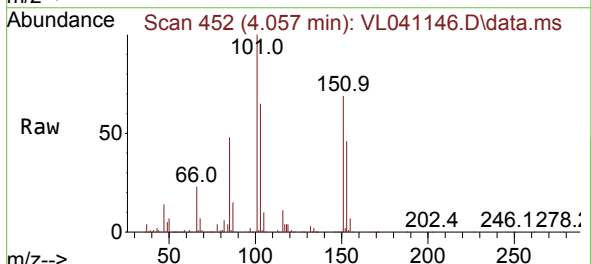
Instrument :
MSVOA_L
ClientSampleId :
VL0408ABS01

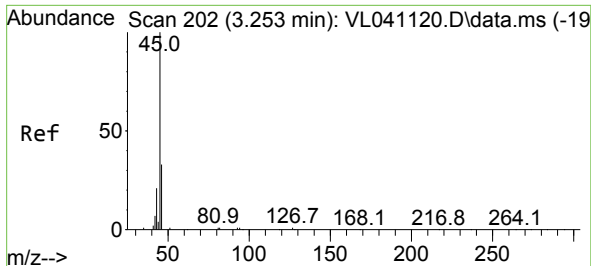
Tgt Ion:101 Resp: 1895524
Ion Ratio Lower Upper
101 100
103 67.4 50.6 75.8



#12
1,1,2-Trichlorotrifluoroethane
Concen: 9.708 ppbv
RT: 4.057 min Scan# 452
Delta R.T. 0.003 min
Lab File: VL041146.D
Acq: 8 Apr 2024 12:04

Tgt Ion:101 Resp: 1390793
Ion Ratio Lower Upper
101 100
151 70.4 56.2 84.4

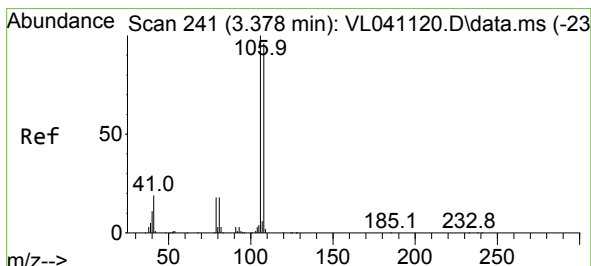
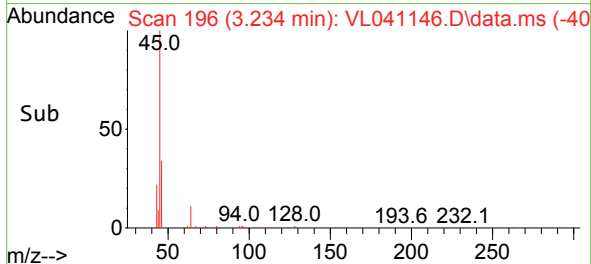
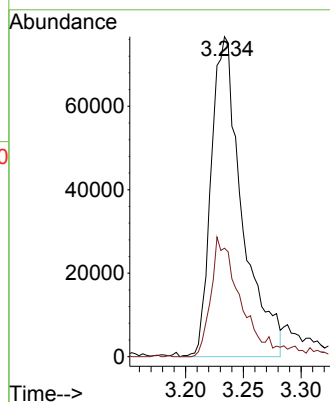
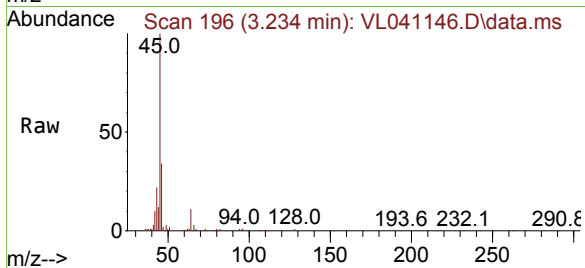




#13
Ethanol
Concen: 9.605 ppbv
RT: 3.234 min Scan# 196
Delta R.T. 0.003 min
Lab File: VL041146.D
Acq: 8 Apr 2024 12:04

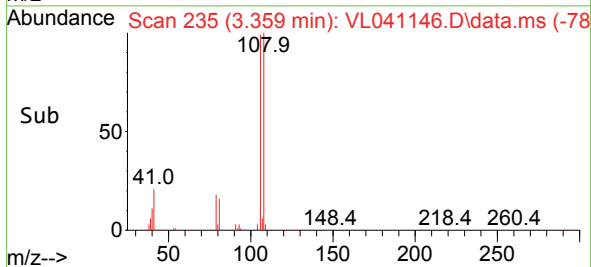
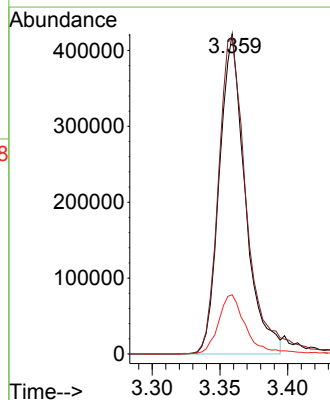
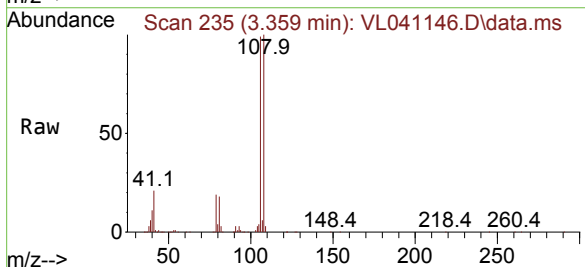
Instrument :
MSVOA_L
ClientSampleId :
VL0408ABS01

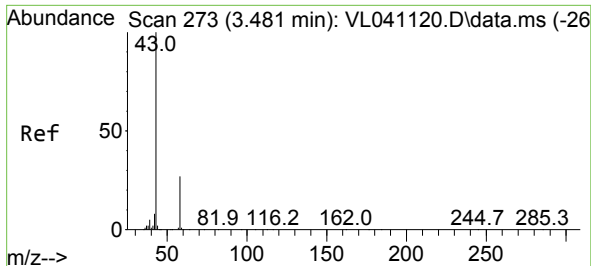
Tgt Ion: 45 Resp: 142839
Ion Ratio Lower Upper
45 100
46 37.8 15.0 59.8



#14
Bromoethene
Concen: 9.886 ppbv
RT: 3.359 min Scan# 235
Delta R.T. 0.006 min
Lab File: VL041146.D
Acq: 8 Apr 2024 12:04

Tgt Ion:108 Resp: 557812
Ion Ratio Lower Upper
108 100
106 110.5 86.0 129.0
79 20.0 15.4 23.2

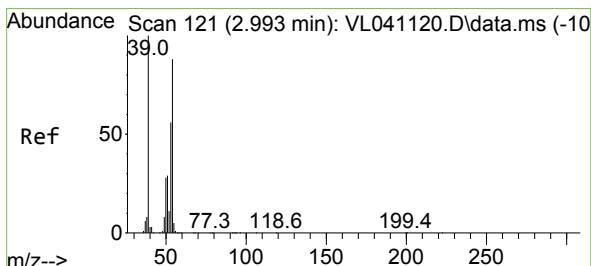
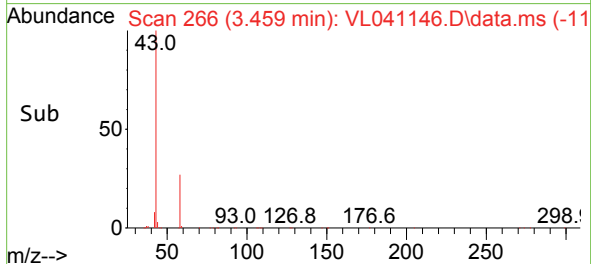
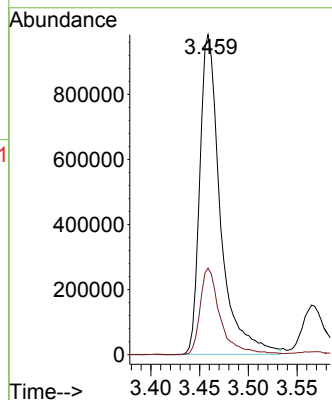
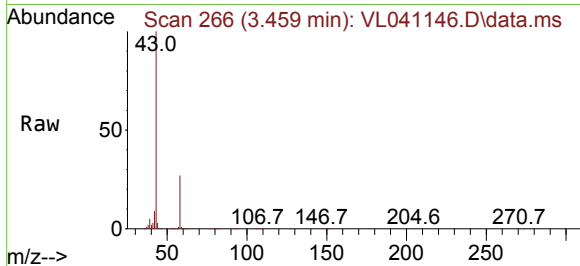




#15
Acetone
Concen: 10.486 ppbv
RT: 3.459 min Scan# 20
Delta R.T. 0.003 min
Lab File: VL041146.D
Acq: 8 Apr 2024 12:04

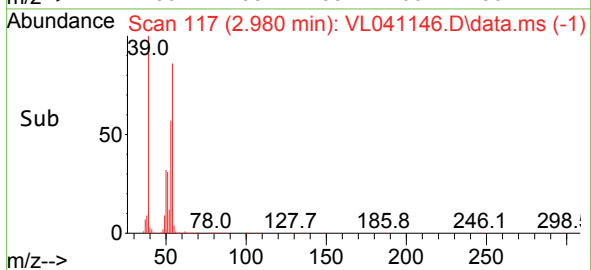
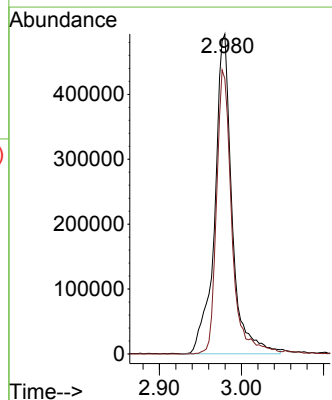
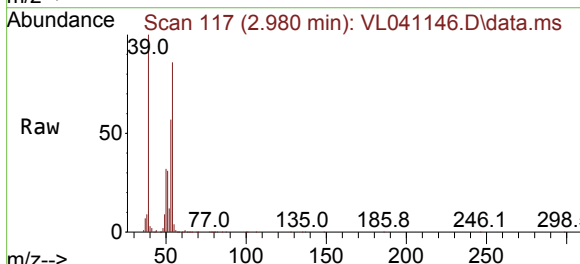
Instrument :
MSVOA_L
ClientSampleId :
VL0408ABS01

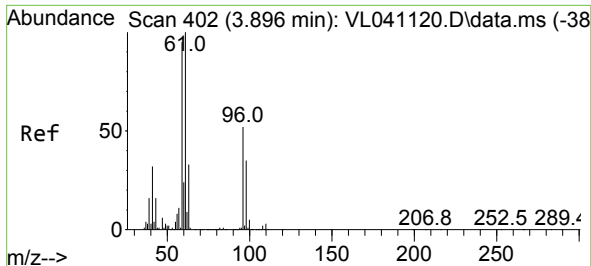
Tgt Ion: 43 Resp: 1448811
Ion Ratio Lower Upper
43 100
58 26.7 21.1 31.7



#16
1,3-Butadiene
Concen: 10.659 ppbv
RT: 2.980 min Scan# 117
Delta R.T. 0.006 min
Lab File: VL041146.D
Acq: 8 Apr 2024 12:04

Tgt Ion: 39 Resp: 722900
Ion Ratio Lower Upper
39 100
54 79.5 63.5 95.3





#17

tert-Butyl alcohol

Concen: 10.835 ppbv

RT: 3.867 min Scan# 393

Delta R.T. 0.003 min

Lab File: VL041146.D

Acq: 8 Apr 2024 12:04

Instrument :

MSVOA_L

ClientSampleId :

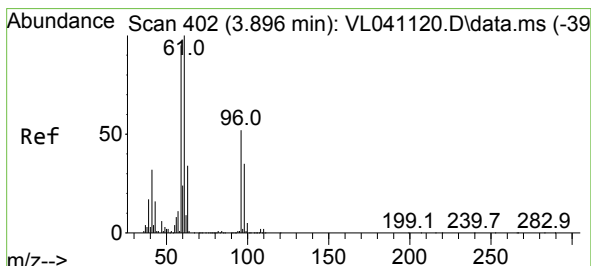
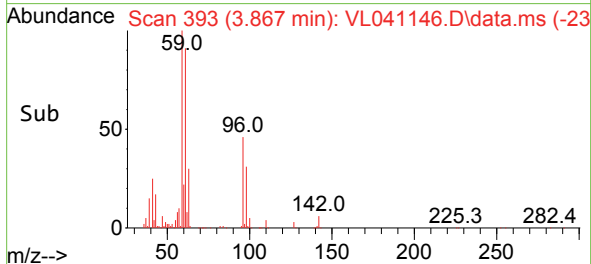
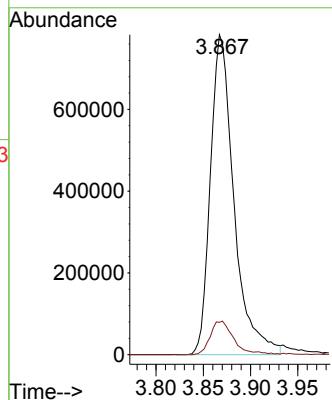
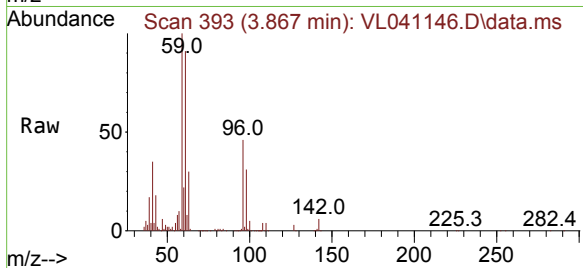
VL0408ABS01

Tgt Ion: 59 Resp: 1355754

Ion Ratio Lower Upper

59 100

57 10.8 8.7 13.1



#18

1,1-Dichloroethene

Concen: 10.191 ppbv

RT: 3.870 min Scan# 394

Delta R.T. 0.003 min

Lab File: VL041146.D

Acq: 8 Apr 2024 12:04

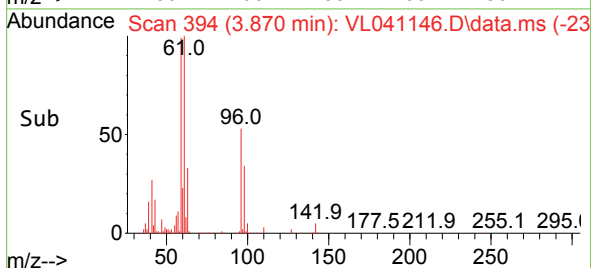
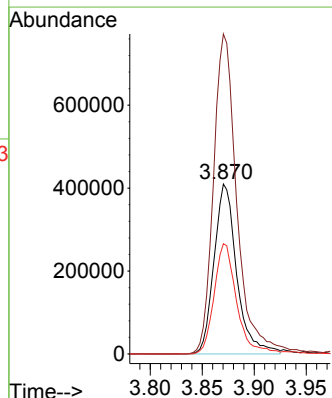
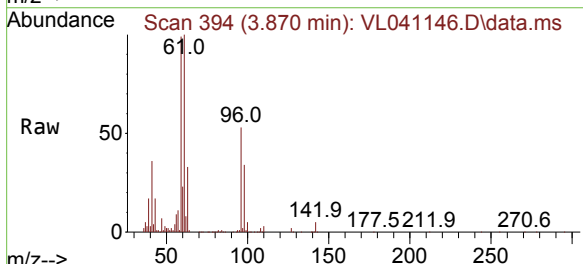
Tgt Ion: 96 Resp: 623310

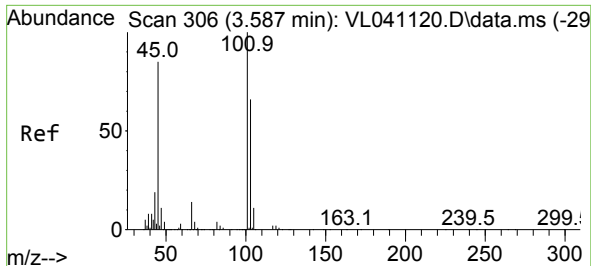
Ion Ratio Lower Upper

96 100

61 188.3 152.6 228.8

98 64.9 54.0 81.0

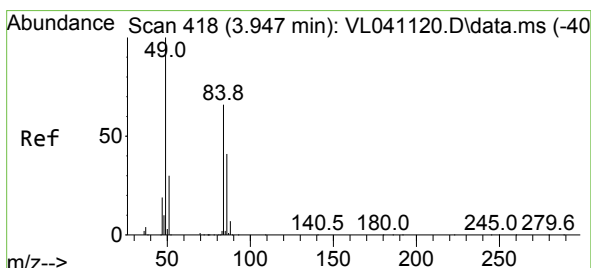
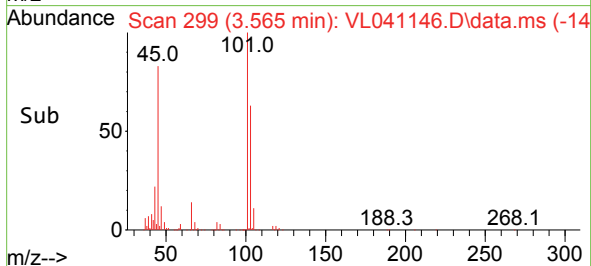
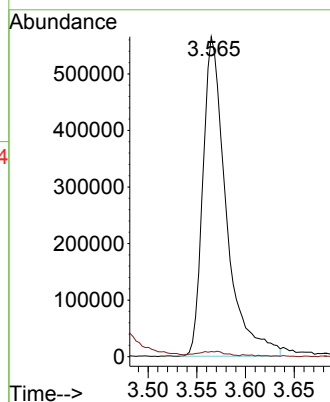
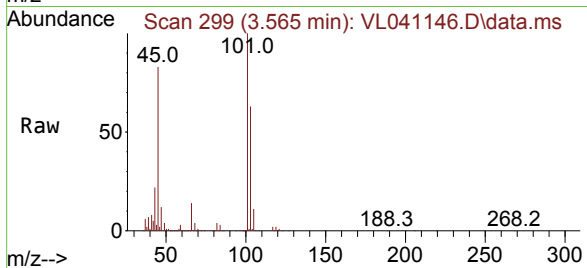




#19
Isopropyl Alcohol
Concen: 11.181 ppbv
RT: 3.565 min Scan# 299
Delta R.T. 0.003 min
Lab File: VL041146.D
Acq: 8 Apr 2024 12:04

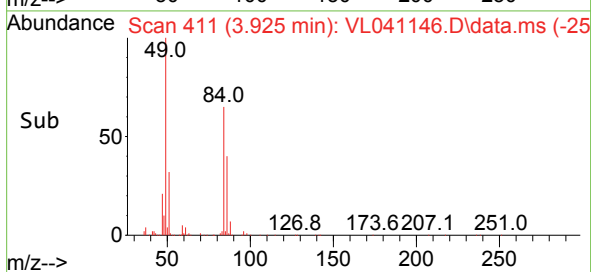
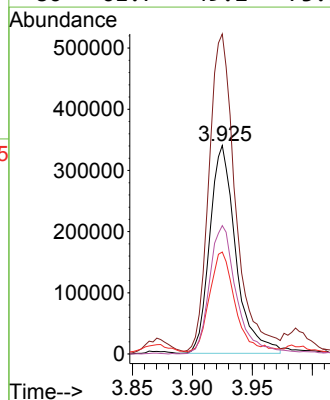
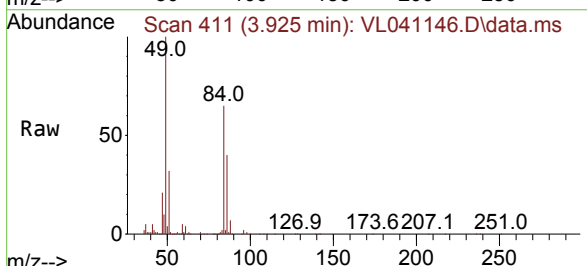
Instrument :
MSVOA_L
ClientSampleId :
VL0408ABS01

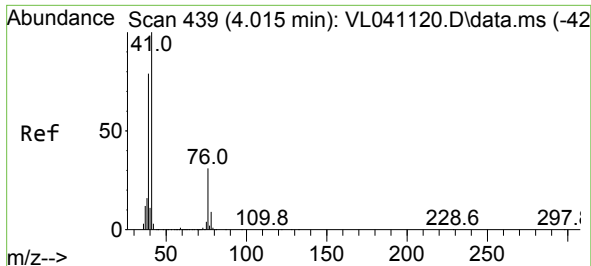
Tgt Ion: 45 Resp: 938484
Ion Ratio Lower Upper
45 100
58 2.5 2.8 4.2#



#20
Methylene Chloride
Concen: 9.003 ppbv
RT: 3.925 min Scan# 411
Delta R.T. 0.006 min
Lab File: VL041146.D
Acq: 8 Apr 2024 12:04

Tgt Ion: 84 Resp: 513042
Ion Ratio Lower Upper
84 100
49 152.2 120.7 181.1
51 47.7 36.6 54.8
86 61.7 49.2 73.8

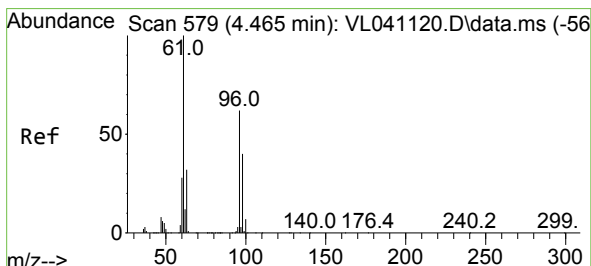
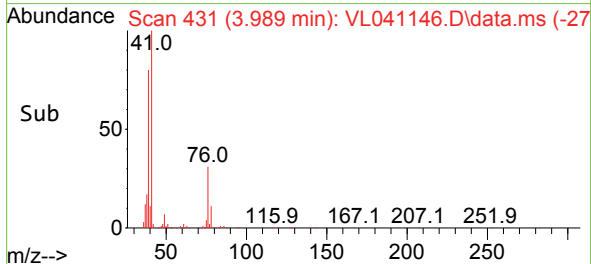
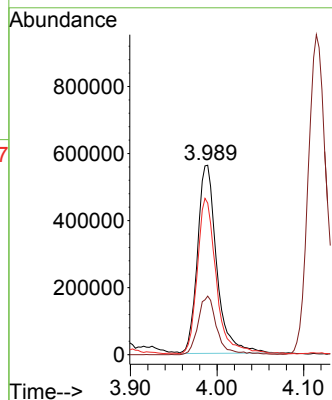
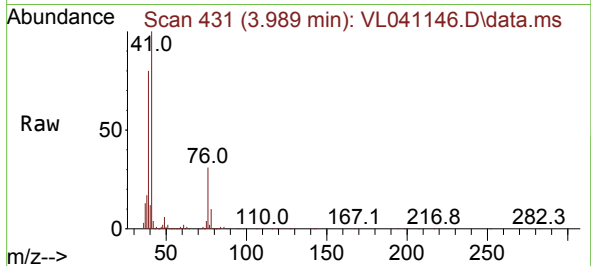




#21
 Allyl Chloride
 Concen: 10.318 ppbv
 RT: 3.989 min Scan# 41
 Delta R.T. 0.006 min
 Lab File: VL041146.D
 Acq: 8 Apr 2024 12:04

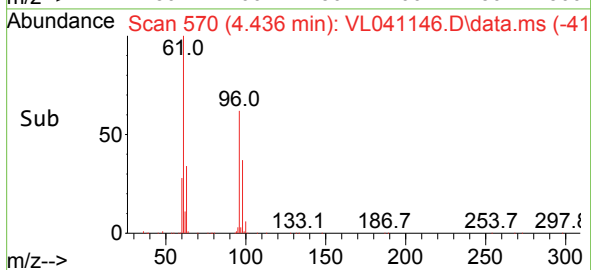
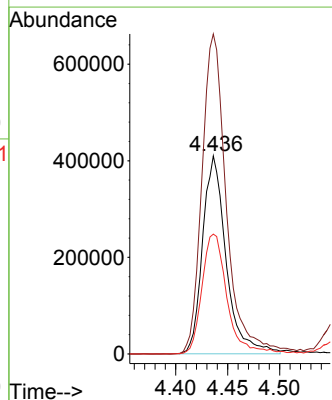
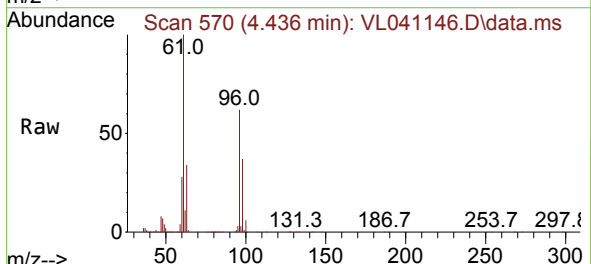
Instrument :
 MSVOA_L
 ClientSampleId :
 VL0408ABS01

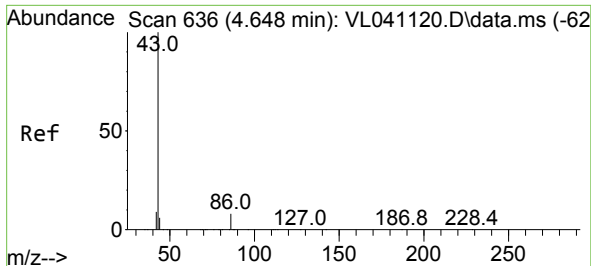
Tgt Ion: 41 Resp: 868640
 Ion Ratio Lower Upper
 41 100
 76 30.6 25.7 38.5
 39 82.4 65.7 98.5



#22
 trans-1,2-Dichloroethene
 Concen: 10.065 ppbv
 RT: 4.436 min Scan# 570
 Delta R.T. 0.006 min
 Lab File: VL041146.D
 Acq: 8 Apr 2024 12:04

Tgt Ion: 96 Resp: 645357
 Ion Ratio Lower Upper
 96 100
 61 161.4 128.4 192.6
 98 60.3 51.5 77.3



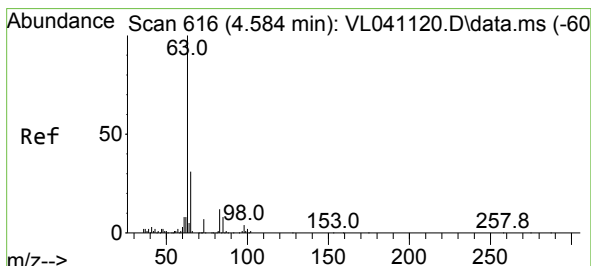
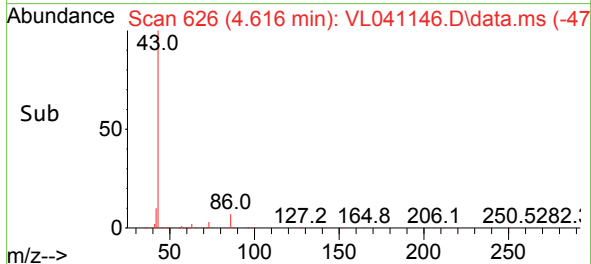
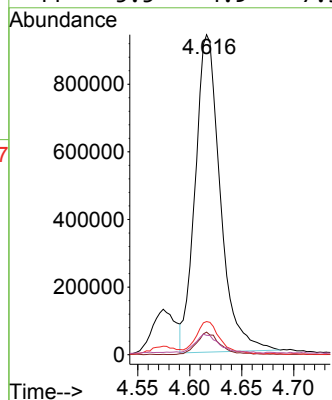
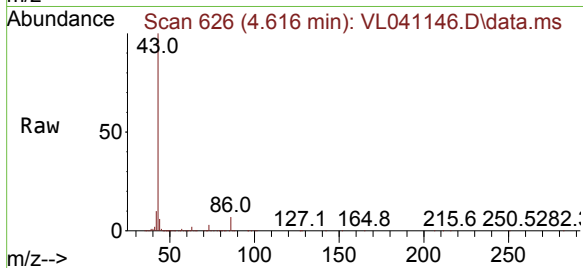


#23
 Vinyl Acetate
 Concen: 11.132 ppbv
 RT: 4.616 min Scan# 61
 Delta R.T. 0.003 min
 Lab File: VL041146.D
 Acq: 8 Apr 2024 12:04

Instrument :
 MSVOA_1
 ClientSampleId :
 VL0408ABS01

Tgt Ion: 43 Resp: 1571222

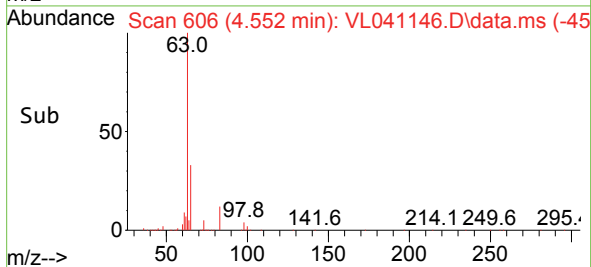
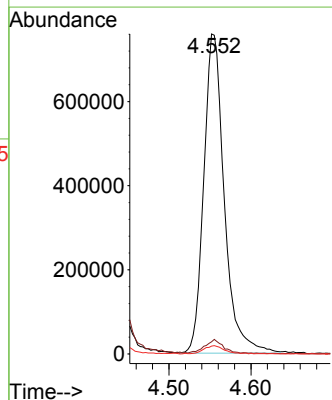
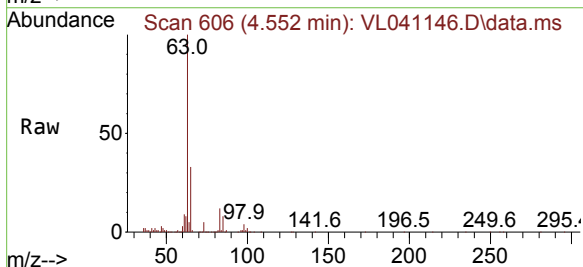
Ion	Ratio	Lower	Upper
43	100		
86	7.0	6.2	9.4
42	10.1	7.7	11.5
44	5.5	4.9	7.3

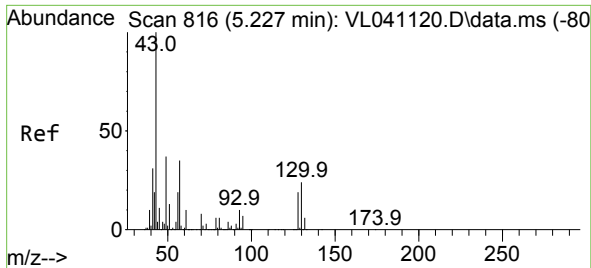


#24
 1,1-Dichloroethane
 Concen: 10.258 ppbv
 RT: 4.552 min Scan# 606
 Delta R.T. 0.003 min
 Lab File: VL041146.D
 Acq: 8 Apr 2024 12:04

Tgt Ion: 63 Resp: 1317359

Ion	Ratio	Lower	Upper
63	100		
98	3.7	2.1	6.3
100	2.4	1.1	3.3



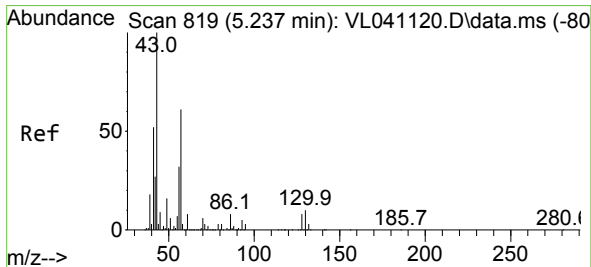
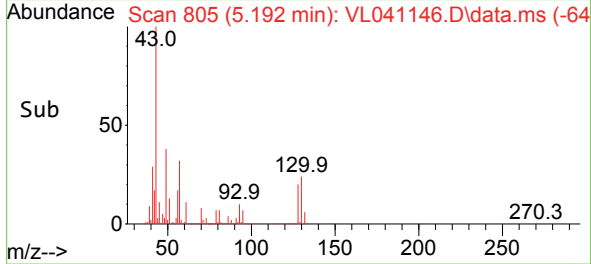
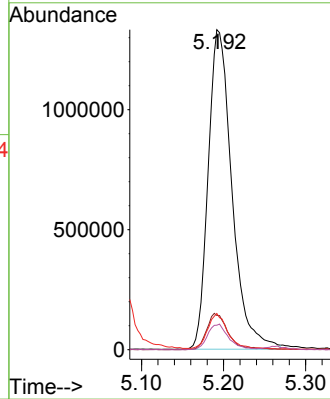
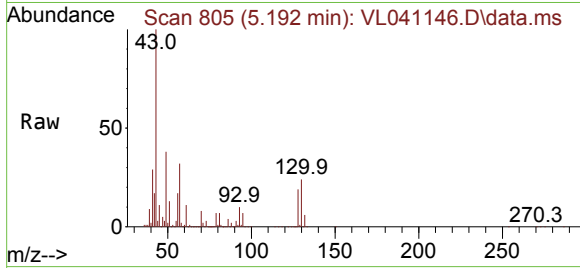


#25
Ethyl Acetate
Concen: 10.337 ppbv
RT: 5.192 min Scan# 805
Delta R.T. 0.003 min
Lab File: VL041146.D
Acq: 8 Apr 2024 12:04

Instrument :
MSVOA_L
ClientSampleId :
VL0408ABS01

Tgt Ion: 43 Resp: 2682251

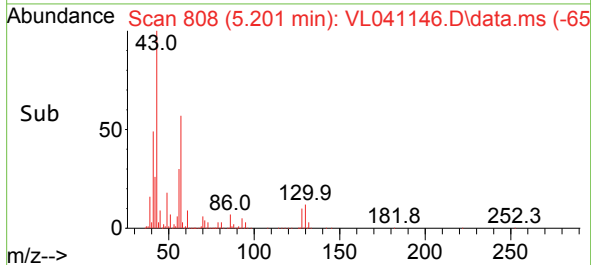
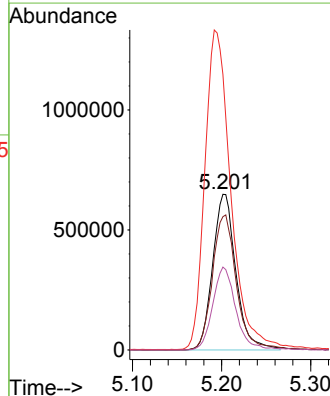
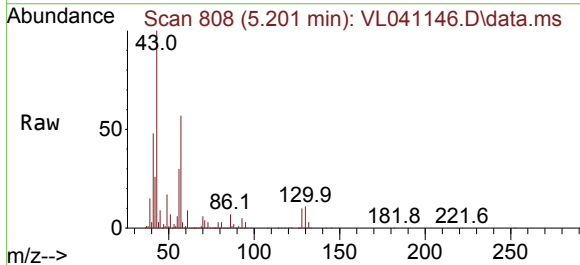
Ion	Ratio	Lower	Upper
43	100		
45	10.4	8.0	12.0
61	9.9	7.8	11.6
70	7.1	5.4	8.0

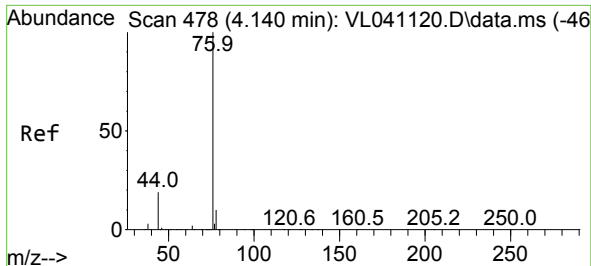


#26
Hexane
Concen: 10.107 ppbv
RT: 5.201 min Scan# 808
Delta R.T. 0.006 min
Lab File: VL041146.D
Acq: 8 Apr 2024 12:04

Tgt Ion: 57 Resp: 1176785

Ion	Ratio	Lower	Upper
57	100		
41	90.3	73.8	110.8
43	231.2	186.2	279.2
56	53.2	43.1	64.7





#27

Carbon Disulfide

Concen: 10.687 ppbv

RT: 4.115 min Scan# 41

Delta R.T. 0.003 min

Lab File: VL041146.D

Acq: 8 Apr 2024 12:04

Instrument :

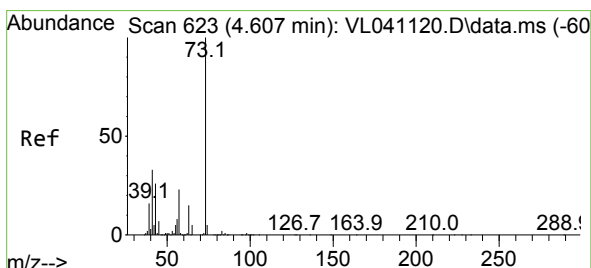
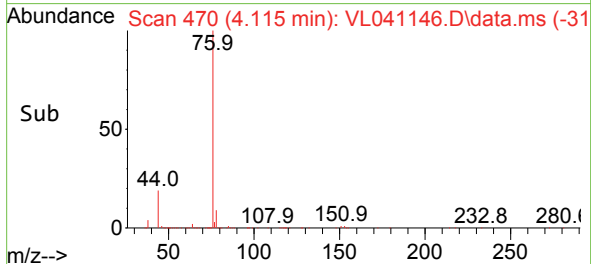
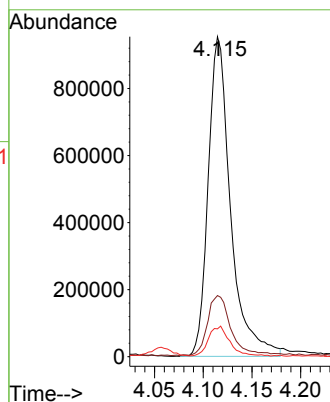
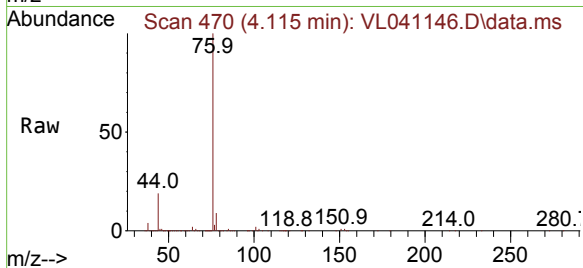
MSVOA_L

ClientSampleId :

VL0408ABS01

Tgt Ion: 76 Resp: 1524606

Ion	Ratio	Lower	Upper
76	100		
44	21.0	16.3	24.5
78	9.8	7.9	11.9



#28

Methyl tert-Butyl Ether

Concen: 10.386 ppbv

RT: 4.578 min Scan# 614

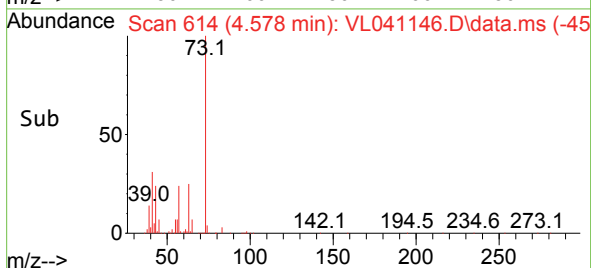
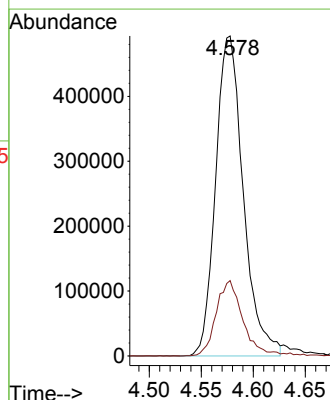
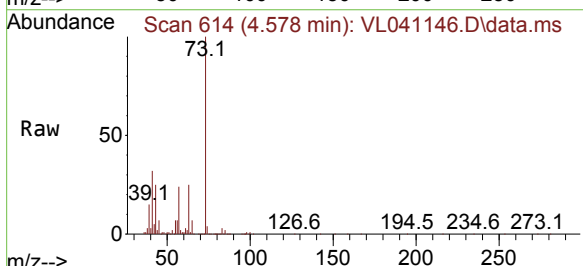
Delta R.T. 0.006 min

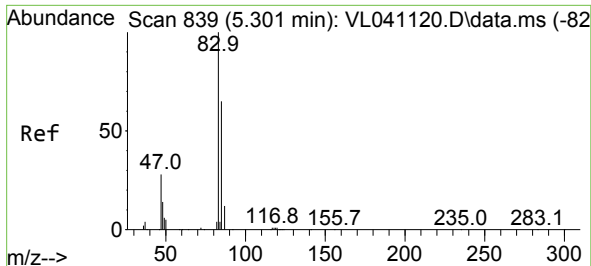
Lab File: VL041146.D

Acq: 8 Apr 2024 12:04

Tgt Ion: 73 Resp: 912523

Ion	Ratio	Lower	Upper
73	100		
57	23.2	18.6	27.8





#29

Chloroform

Concen: 9.982 ppbv

RT: 5.266 min Scan# 81

Delta R.T. 0.006 min

Lab File: VL041146.D

Acq: 8 Apr 2024 12:04

Instrument :

MSVOA_L

ClientSampleId :

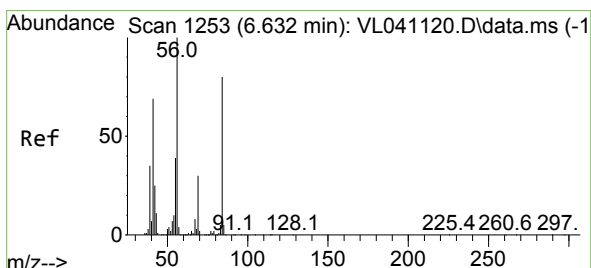
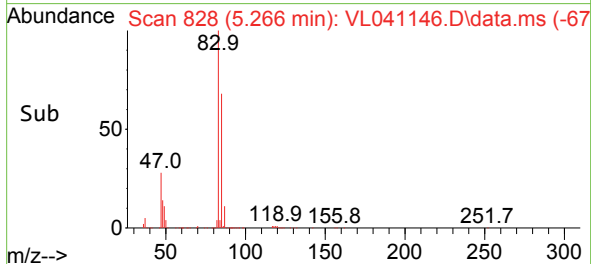
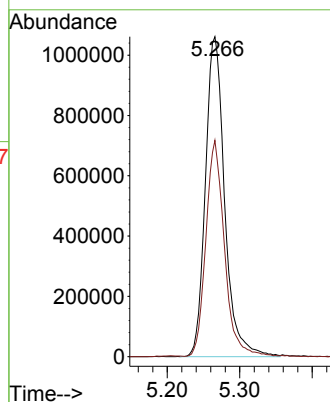
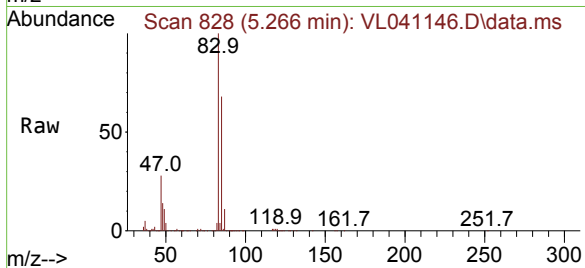
VL0408ABS01

Tgt Ion: 83 Resp: 1959130

Ion Ratio Lower Upper

83 100

85 67.4 51.5 77.3



#30

Cyclohexane

Concen: 10.995 ppbv

RT: 6.590 min Scan# 1240

Delta R.T. 0.006 min

Lab File: VL041146.D

Acq: 8 Apr 2024 12:04

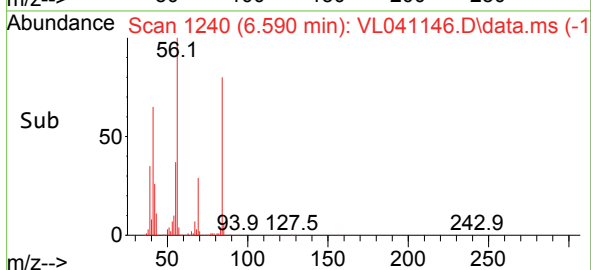
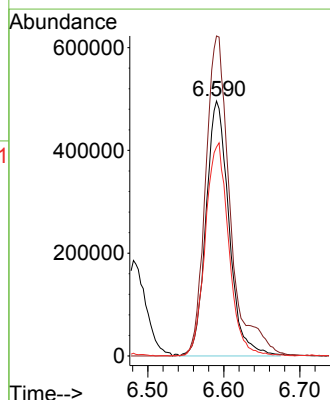
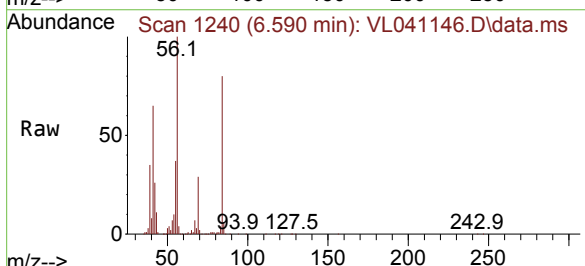
Tgt Ion: 84 Resp: 1042719

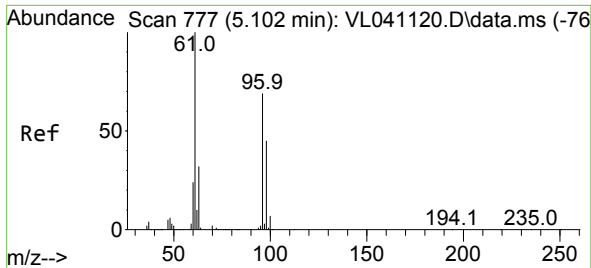
Ion Ratio Lower Upper

84 100

56 134.5 111.9 167.9

41 84.9 71.0 106.6



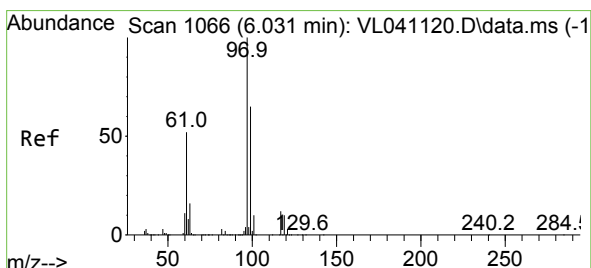
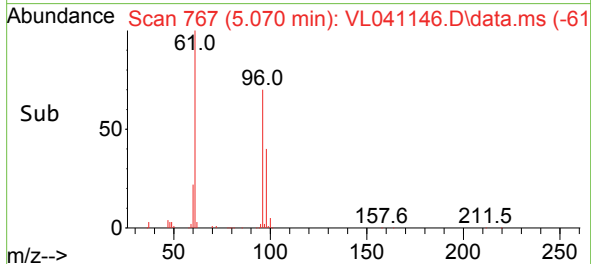
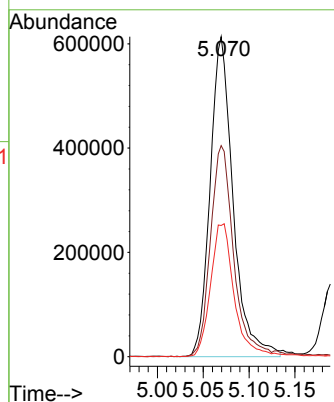
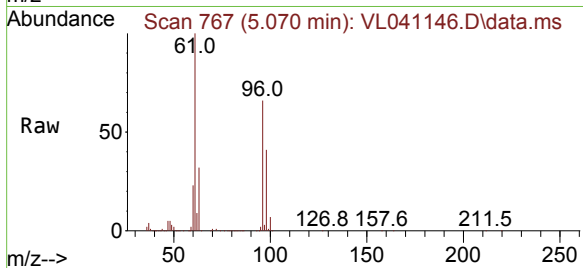


#31
 cis-1,2-Dichloroethene
 Concen: 9.677 ppbv
 RT: 5.070 min Scan# 70
 Delta R.T. 0.006 min
 Lab File: VL041146.D
 Acq: 8 Apr 2024 12:04

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0408ABS01

Tgt Ion: 61 Resp: 1066424

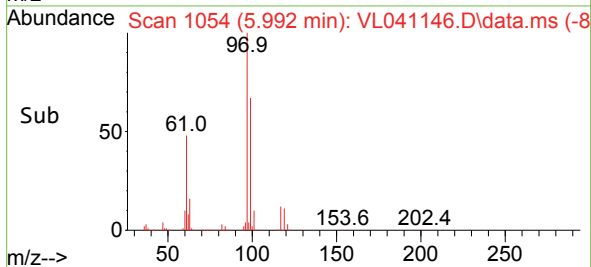
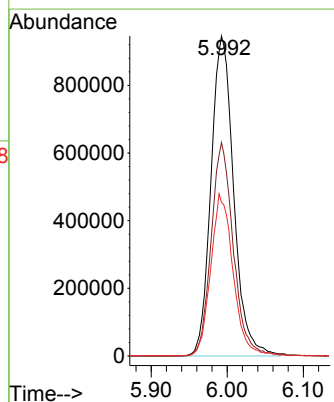
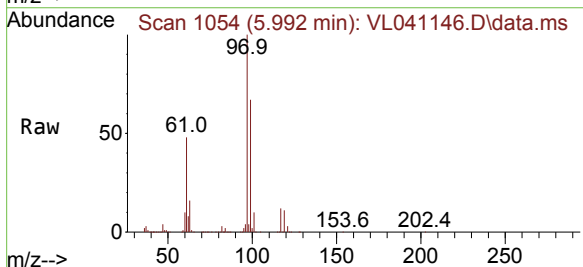
Ion	Ratio	Lower	Upper
61	100		
96	65.9	54.9	82.3
98	40.9	35.9	53.9

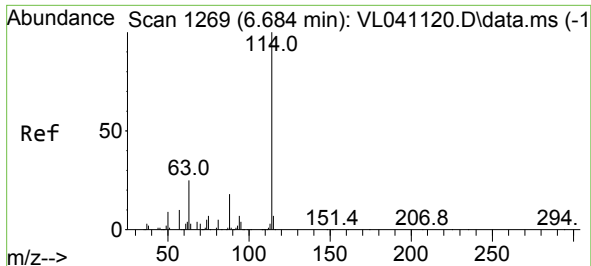


#32
 1,1,1-Trichloroethane
 Concen: 10.800 ppbv
 RT: 5.992 min Scan# 1054
 Delta R.T. 0.003 min
 Lab File: VL041146.D
 Acq: 8 Apr 2024 12:04

Tgt Ion: 97 Resp: 1959444

Ion	Ratio	Lower	Upper
97	100		
99	65.3	52.0	78.0
61	50.3	40.5	60.7





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.645 min Scan# 11

Delta R.T. 0.006 min

Lab File: VL041146.D

Acq: 8 Apr 2024 12:04

Instrument :

MSVOA_L

ClientSampleId :

VL0408ABS01

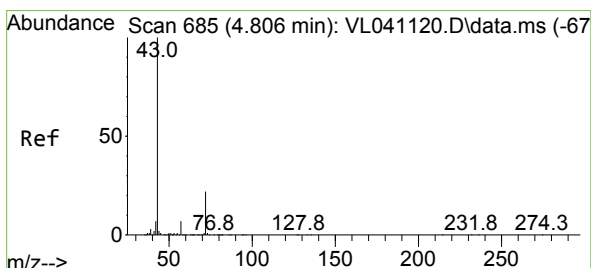
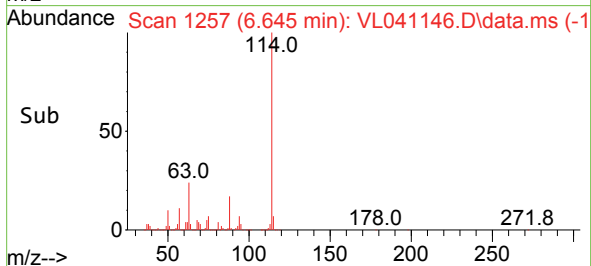
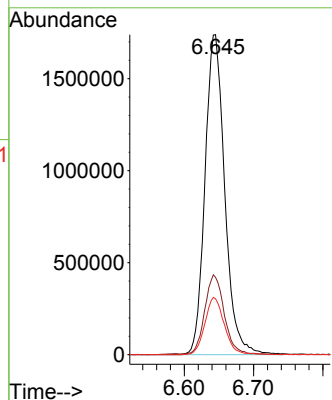
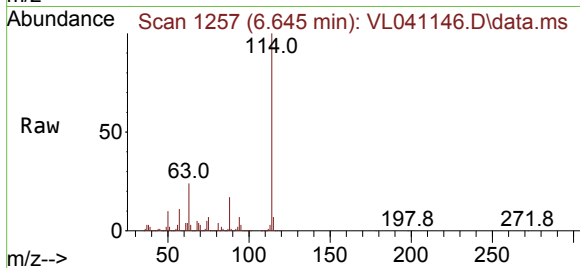
Tgt Ion:114 Resp: 3441981

Ion Ratio Lower Upper

114 100

63 25.2 20.9 31.3

88 17.7 14.5 21.7



#34

2-Butanone

Concen: 10.046 ppbv

RT: 4.777 min Scan# 676

Delta R.T. 0.006 min

Lab File: VL041146.D

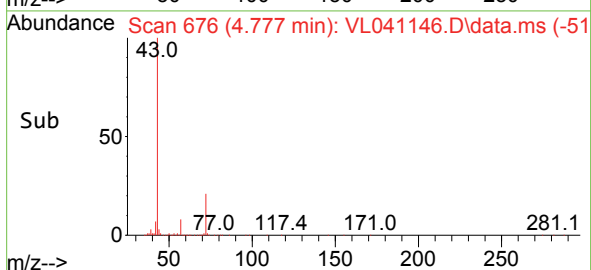
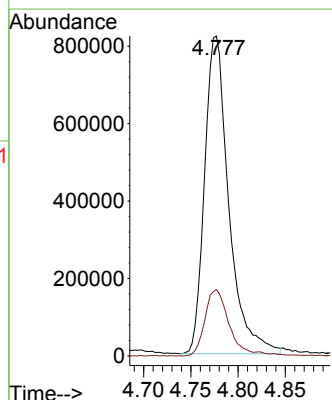
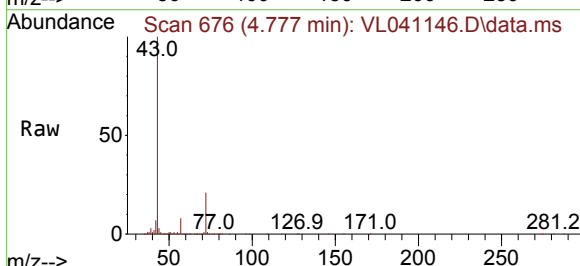
Acq: 8 Apr 2024 12:04

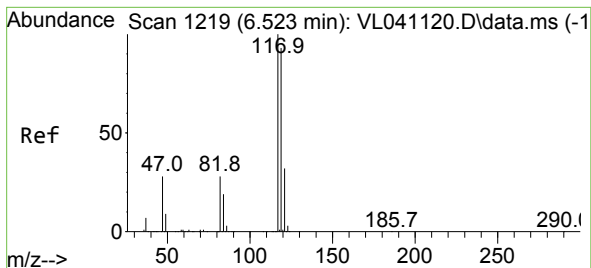
Tgt Ion: 43 Resp: 1463178

Ion Ratio Lower Upper

43 100

72 21.2 17.6 26.4





#35

Carbon Tetrachloride

Concen: 10.563 ppbv

RT: 6.481 min Scan# 1169

Delta R.T. 0.003 min

Lab File: VL041146.D

Acq: 8 Apr 2024 12:04

Instrument :

MSVOA_L

ClientSampleId :

VL0408ABS01

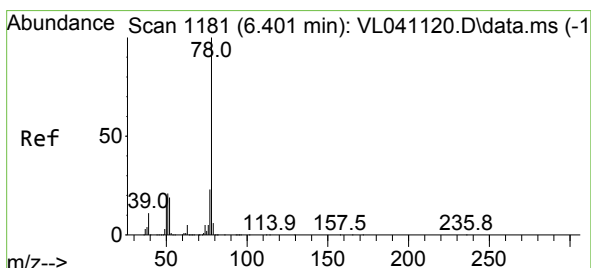
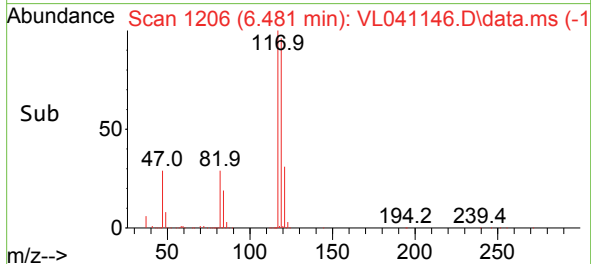
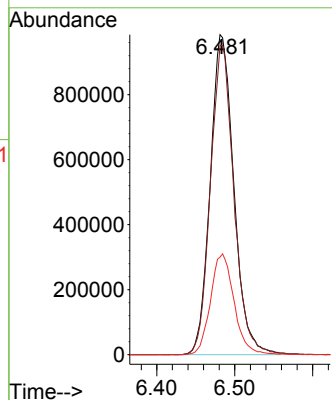
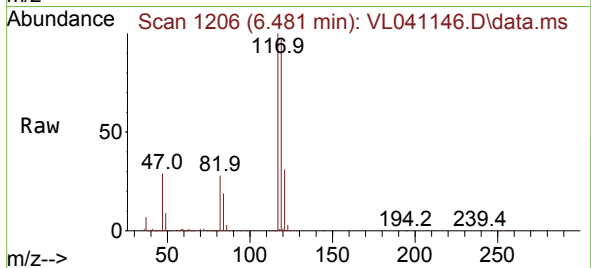
Tgt Ion:117 Resp: 2069910

Ion Ratio Lower Upper

117 100

119 96.6 74.2 111.4

121 30.5 25.4 38.2



#36

Benzene

Concen: 10.155 ppbv

RT: 6.362 min Scan# 1169

Delta R.T. 0.006 min

Lab File: VL041146.D

Acq: 8 Apr 2024 12:04

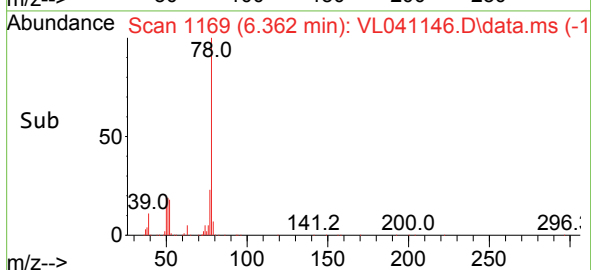
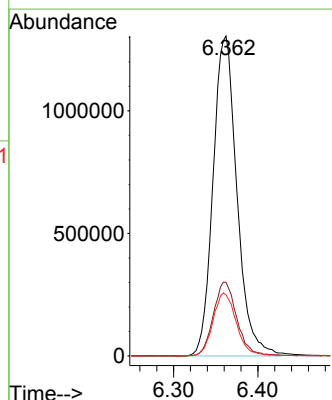
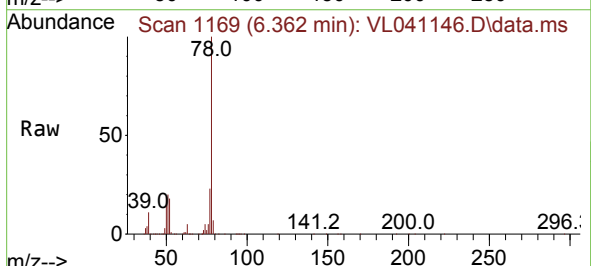
Tgt Ion: 78 Resp: 2566721

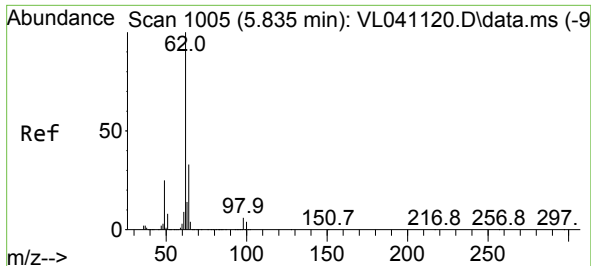
Ion Ratio Lower Upper

78 100

77 23.1 18.2 27.4

50 19.1 15.4 23.2





#37

1,2-Dichloroethane

Concen: 9.952 ppbv

RT: 5.796 min Scan# 91

Delta R.T. 0.006 min

Lab File: VL041146.D

Acq: 8 Apr 2024 12:04

Instrument :

MSVOA_L

ClientSampleId :

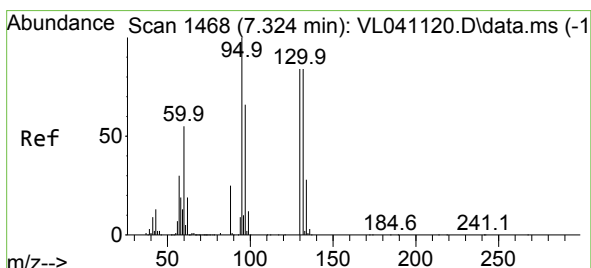
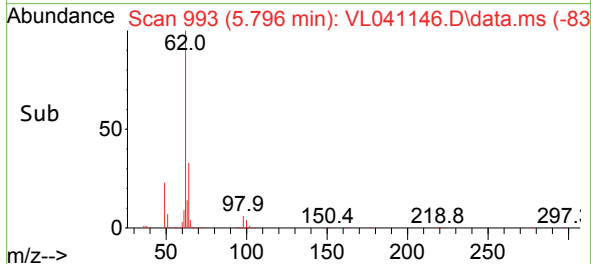
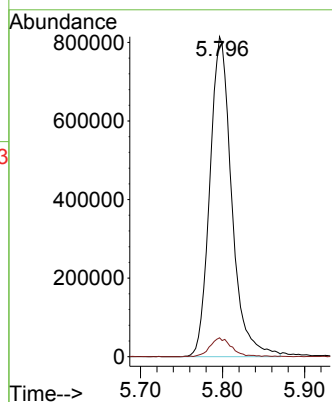
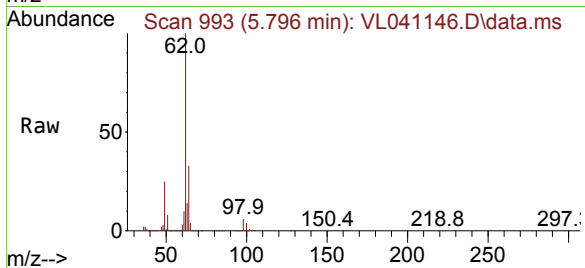
VL0408ABS01

Tgt Ion: 62 Resp: 1510341

Ion Ratio Lower Upper

62 100

98 6.0 4.6 7.0



#38

Trichloroethene

Concen: 11.307 ppbv

RT: 7.278 min Scan# 1454

Delta R.T. 0.003 min

Lab File: VL041146.D

Acq: 8 Apr 2024 12:04

Tgt Ion:130 Resp: 1032529

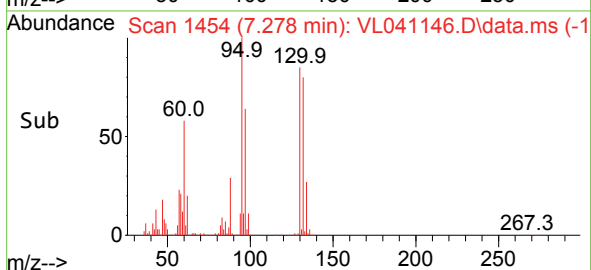
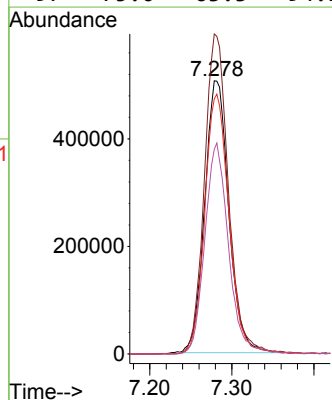
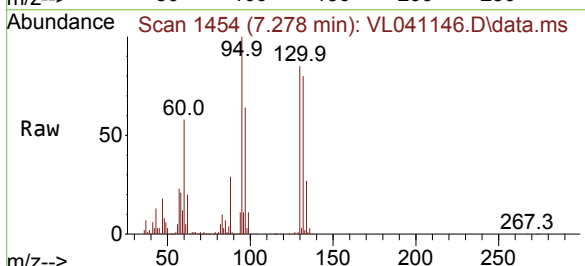
Ion Ratio Lower Upper

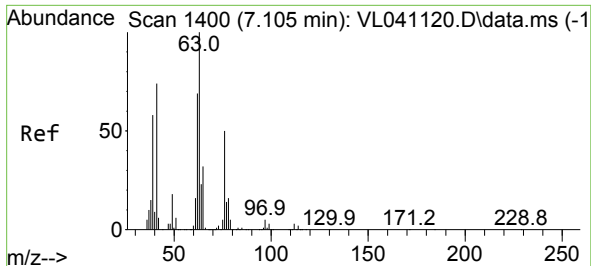
130 100

95 117.5 95.4 143.0

132 93.5 80.0 120.0

97 75.0 63.3 94.9





#39

1,2-Dichloropropane

Concen: 9.910 ppbv

RT: 7.063 min Scan# 11

Delta R.T. 0.003 min

Lab File: VL041146.D

Acq: 8 Apr 2024 12:04

Instrument :

MSVOA_L

ClientSampleId :

VL0408ABS01

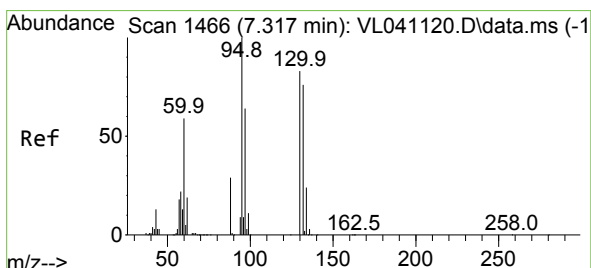
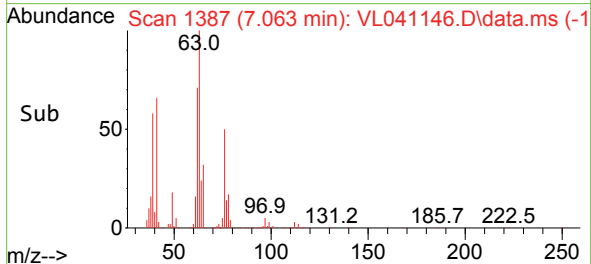
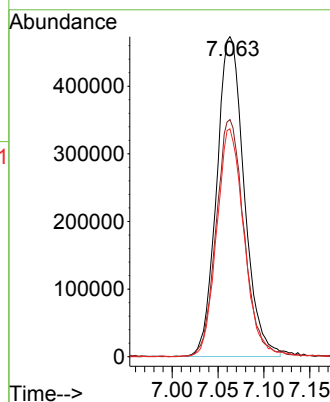
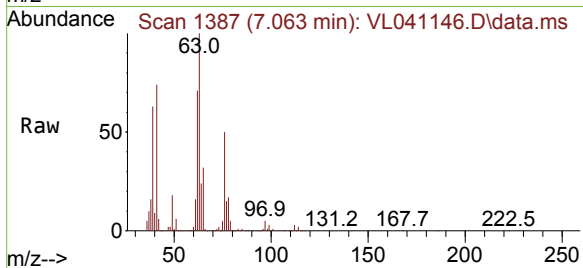
Tgt Ion: 63 Resp: 987657

Ion Ratio Lower Upper

63 100

41 74.1 58.7 88.1

62 71.1 55.5 83.3



#40

1,4-Dioxane

Concen: 10.999 ppbv

RT: 7.278 min Scan# 1454

Delta R.T. 0.006 min

Lab File: VL041146.D

Acq: 8 Apr 2024 12:04

Tgt Ion: 88 Resp: 382039

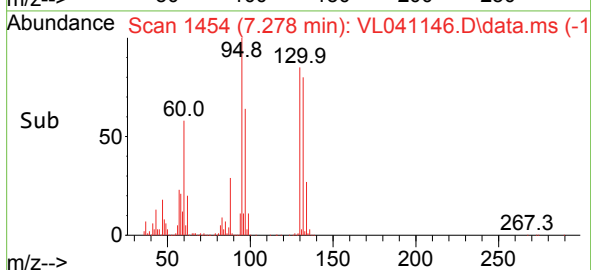
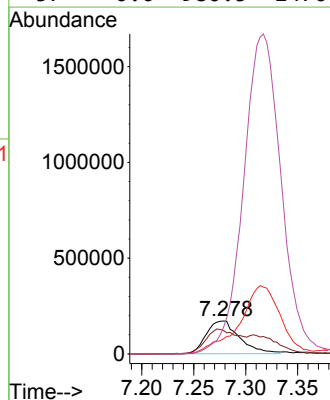
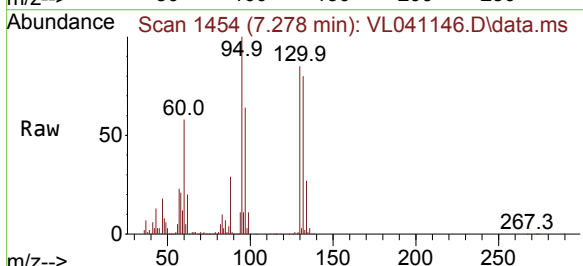
Ion Ratio Lower Upper

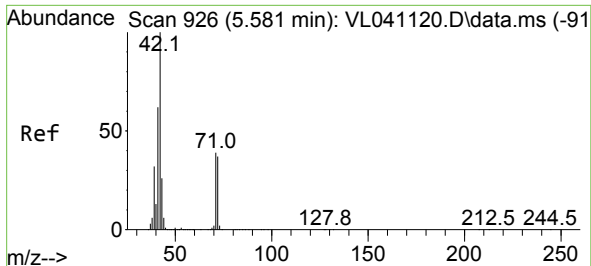
88 100

58 128.8 107.8 161.6

43 0.0 223.8 335.6#

57 0.0 980.5 1470.7#

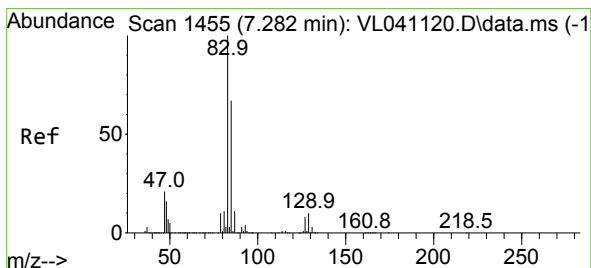
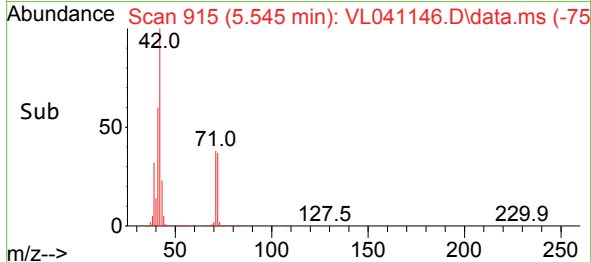
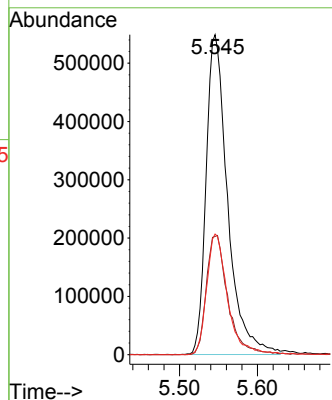
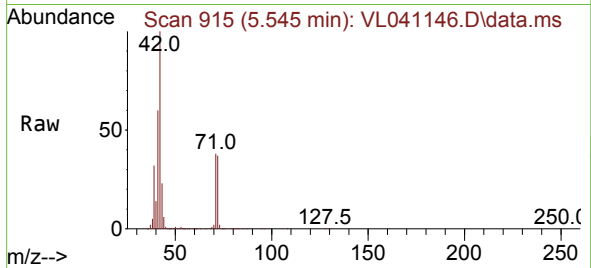




#41
Tetrahydrofuran
Concen: 10.853 ppbv
RT: 5.545 min Scan# 915
Delta R.T. 0.003 min
Lab File: VL041146.D
Acq: 8 Apr 2024 12:04

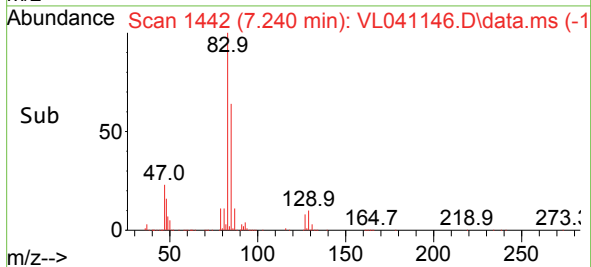
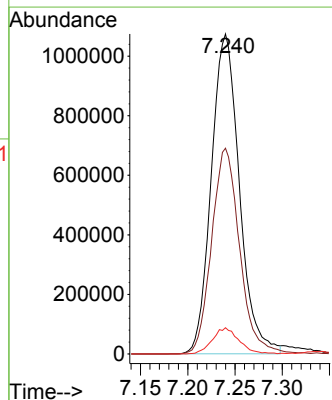
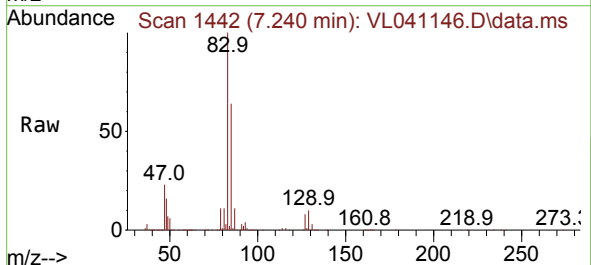
Instrument :
MSVOA_L
ClientSampleId :
VL0408ABS01

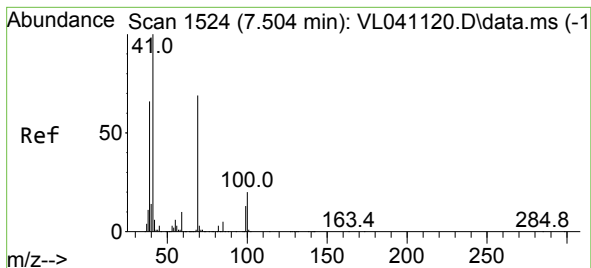
Tgt Ion: 42 Resp: 1052476
Ion Ratio Lower Upper
42 100
72 37.5 31.2 46.8
71 37.1 29.9 44.9



#42
Bromodichloromethane
Concen: 10.240 ppbv
RT: 7.240 min Scan# 1442
Delta R.T. 0.006 min
Lab File: VL041146.D
Acq: 8 Apr 2024 12:04

Tgt Ion: 83 Resp: 2220189
Ion Ratio Lower Upper
83 100
85 64.2 53.5 80.3
127 8.2 6.2 9.4





#43

Methyl Methacrylate

Concen: 11.152 ppbv

RT: 7.465 min Scan# 1

Delta R.T. 0.006 min

Lab File: VL041146.D

Acq: 8 Apr 2024 12:04

Instrument :

MSVOA_L

ClientSampleId :

VL0408ABS01

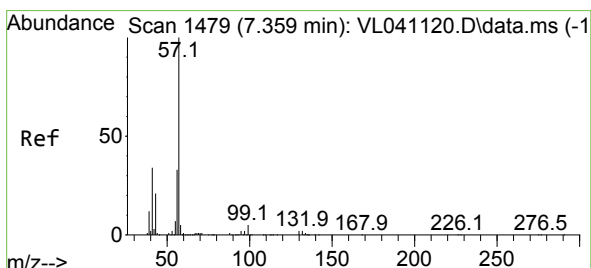
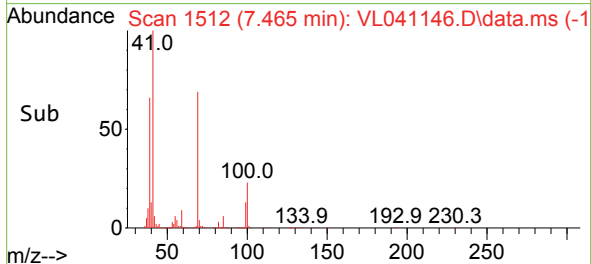
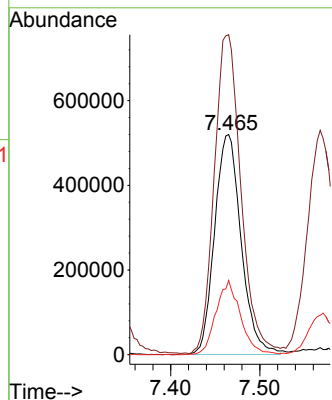
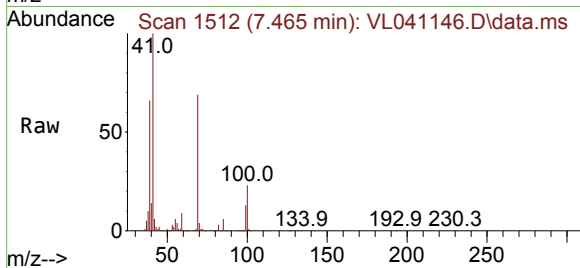
Tgt Ion: 69 Resp: 1073663

Ion Ratio Lower Upper

69 100

41 147.0 119.2 178.8

100 31.4 24.6 37.0



#44

2,2,4-Trimethylpentane

Concen: 10.137 ppbv

RT: 7.317 min Scan# 1466

Delta R.T. 0.006 min

Lab File: VL041146.D

Acq: 8 Apr 2024 12:04

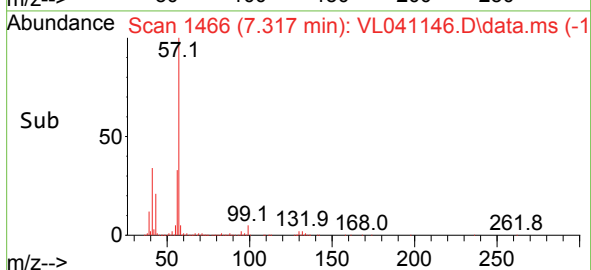
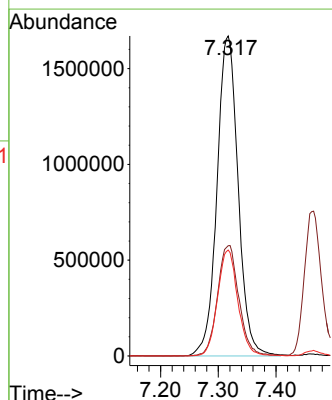
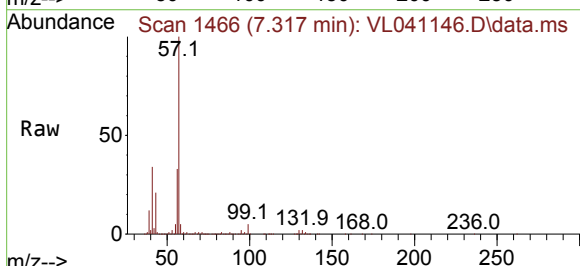
Tgt Ion: 57 Resp: 4242055

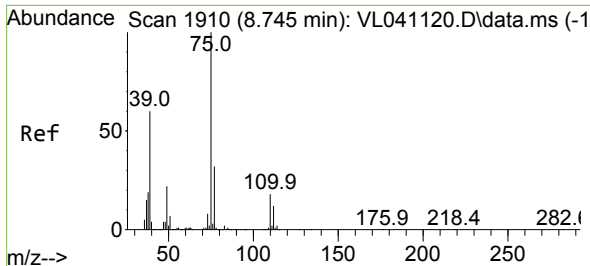
Ion Ratio Lower Upper

57 100

41 35.0 28.2 42.2

56 31.9 25.2 37.8

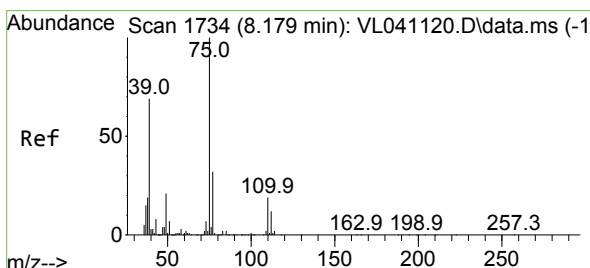
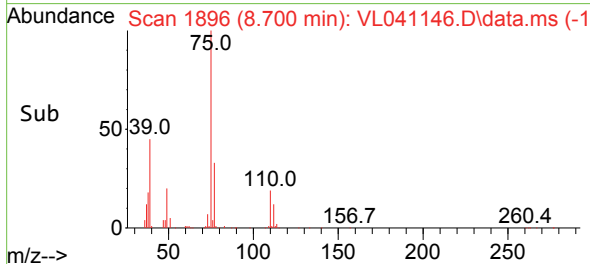
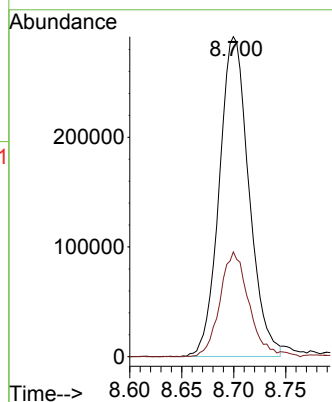
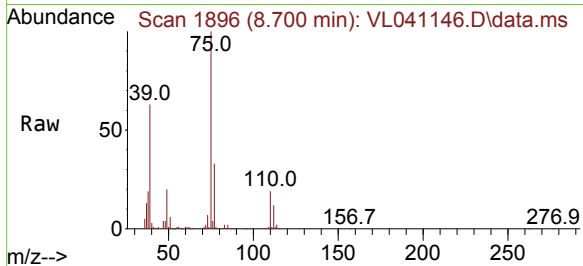




#45
t-1,3-Dichloropropene
Concen: 10.196 ppbv
RT: 8.700 min Scan# 11
Delta R.T. 0.006 min
Lab File: VL041146.D
Acq: 8 Apr 2024 12:04

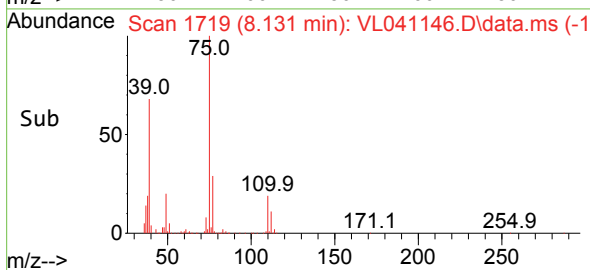
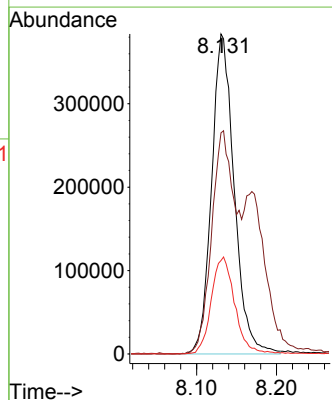
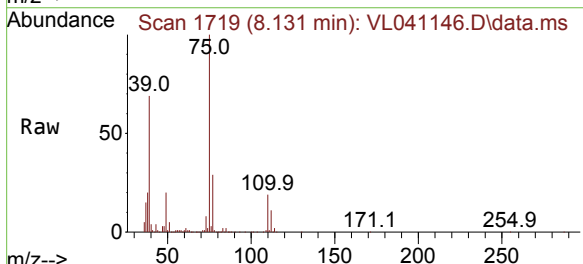
Instrument :
MSVOA_L
ClientSampleId :
VL0408ABS01

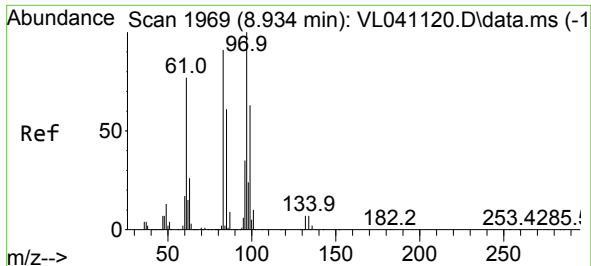
Tgt Ion: 75 Resp: 578504
Ion Ratio Lower Upper
75 100
77 32.7 25.4 38.2



#46
cis-1,3-Dichloropropene
Concen: 10.255 ppbv
RT: 8.131 min Scan# 1719
Delta R.T. 0.003 min
Lab File: VL041146.D
Acq: 8 Apr 2024 12:04

Tgt Ion: 75 Resp: 752784
Ion Ratio Lower Upper
75 100
39 69.1 55.1 82.7
77 29.2 25.2 37.8





#47

1,1,2-Trichloroethane

Concen: 10.195 ppbv

RT: 8.886 min Scan# 1969

Delta R.T. 0.003 min

Lab File: VL041146.D

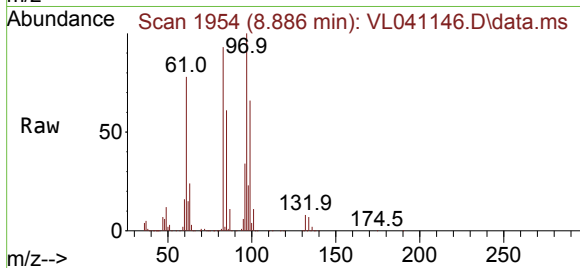
Acq: 8 Apr 2024 12:04

Instrument :

MSVOA_L

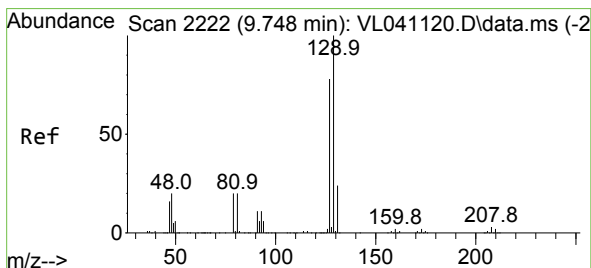
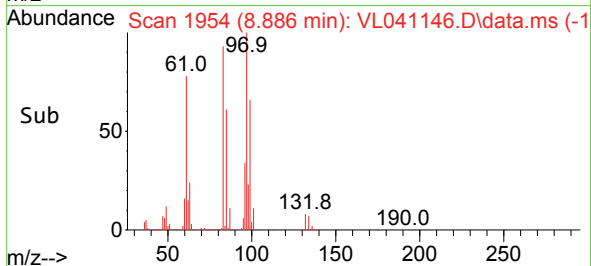
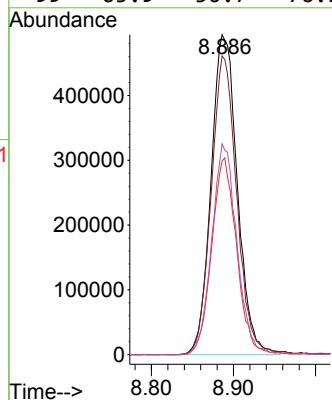
ClientSampleId :

VL0408ABS01



Tgt Ion: 97 Resp: 1098193

Ion	Ratio	Lower	Upper
97	100		
83	93.2	72.9	109.3
85	60.4	49.1	73.7
99	65.9	50.7	76.1



#48

Dibromochloromethane

Concen: 11.042 ppbv

RT: 9.700 min Scan# 2207

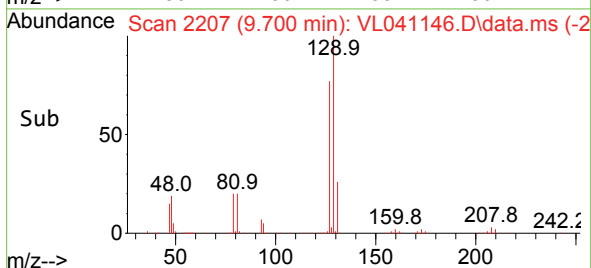
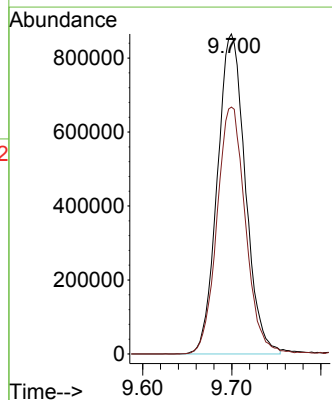
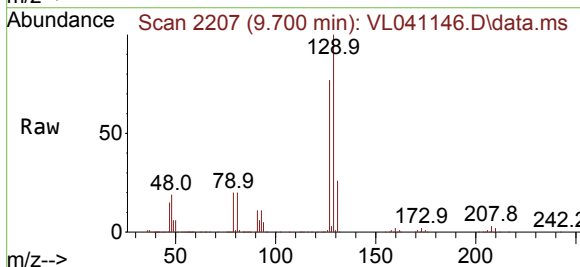
Delta R.T. 0.006 min

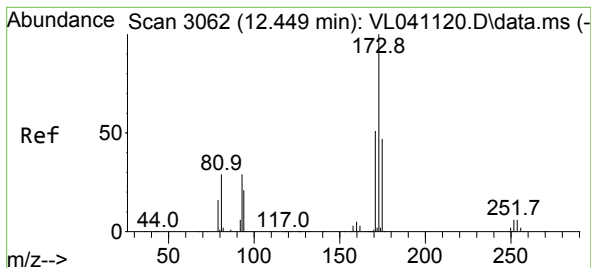
Lab File: VL041146.D

Acq: 8 Apr 2024 12:04

Tgt Ion: 129 Resp: 1888122

Ion	Ratio	Lower	Upper
129	100		
127	78.8	39.3	117.9





#49

Bromoform

Concen: 11.117 ppbv

RT: 12.397 min Scan# 3062

Delta R.T. 0.006 min

Lab File: VL041146.D

Acq: 8 Apr 2024 12:04

Instrument :

MSVOA_L

ClientSampleId :

VL0408ABS01

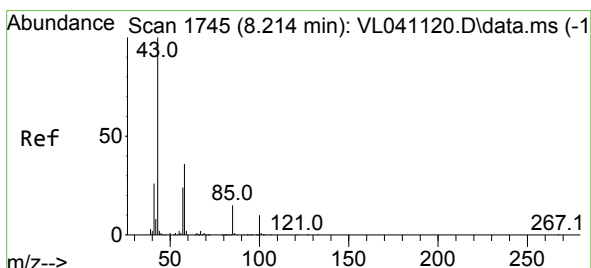
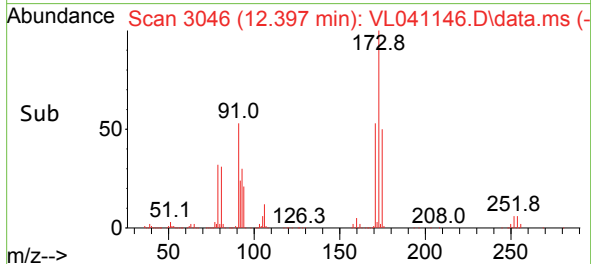
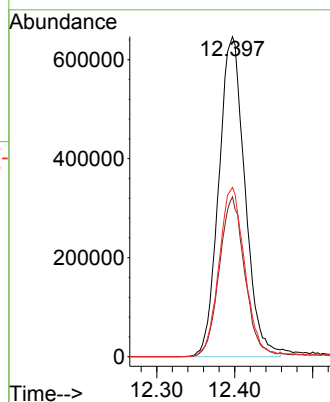
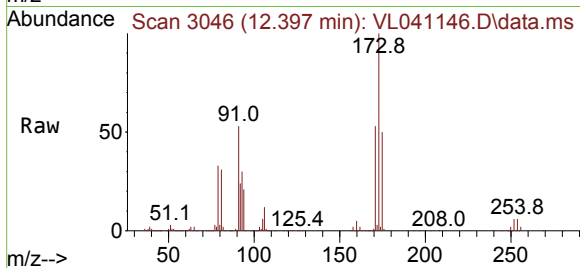
Tgt Ion:173 Resp: 1505870

Ion Ratio Lower Upper

173 100

175 50.0 39.4 59.0

171 54.2 42.9 64.3



#50

4-Methyl-2-Pentanone

Concen: 10.570 ppbv

RT: 8.169 min Scan# 1731

Delta R.T. 0.006 min

Lab File: VL041146.D

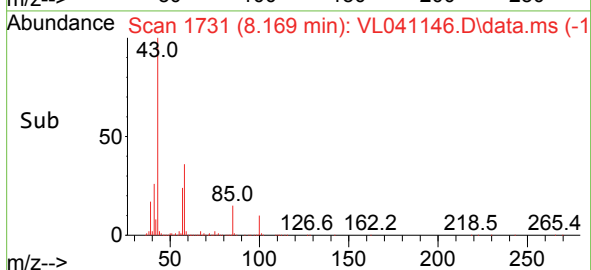
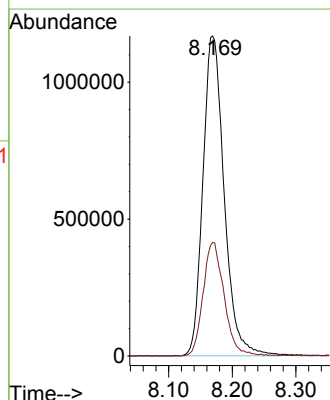
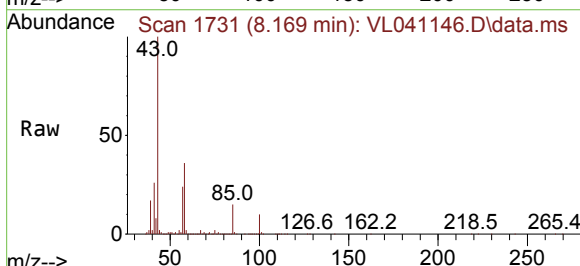
Acq: 8 Apr 2024 12:04

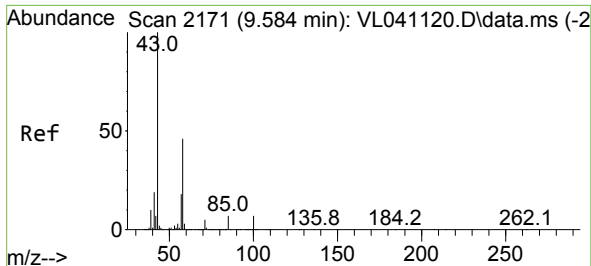
Tgt Ion: 43 Resp: 2709148

Ion Ratio Lower Upper

43 100

58 35.5 27.7 41.5

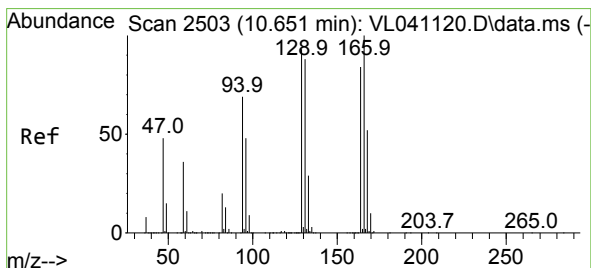
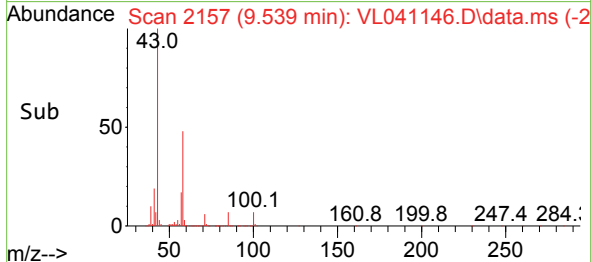
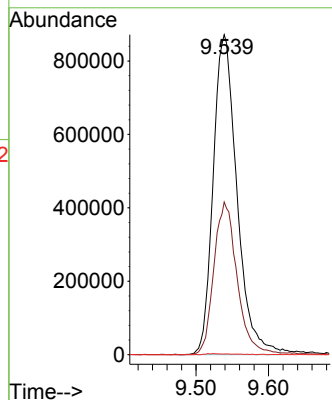
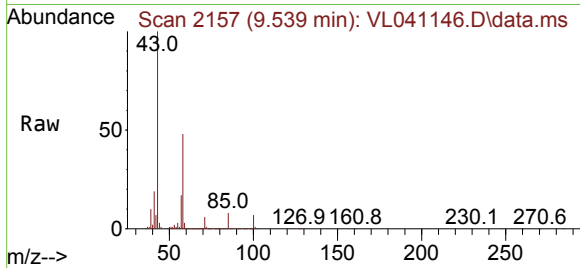




#51
2-Hexanone
Concen: 11.136 ppbv
RT: 9.539 min Scan# 2171
Delta R.T. 0.006 min
Lab File: VL041146.D
Acq: 8 Apr 2024 12:04

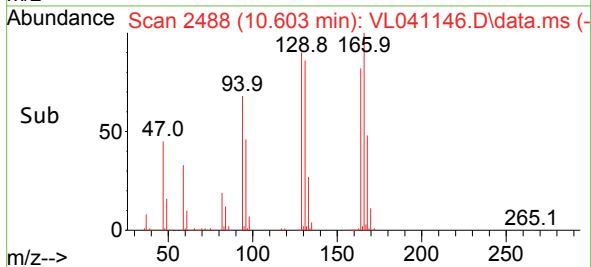
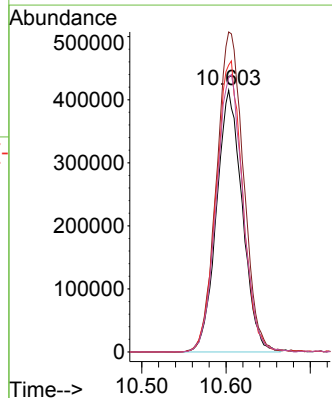
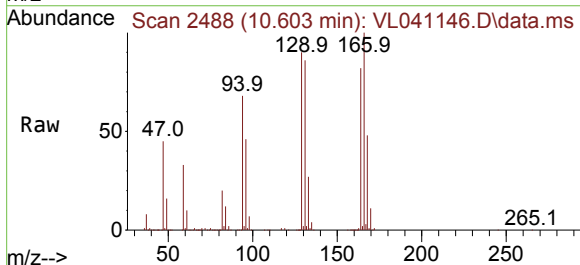
Instrument :
MSVOA_L
ClientSampleId :
VL0408ABS01

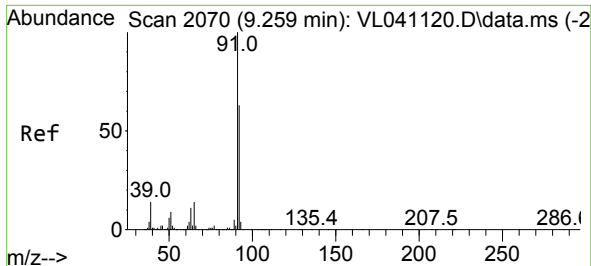
Tgt Ion: 43 Resp: 1979028
Ion Ratio Lower Upper
43 100
58 47.2 37.3 55.9
98 0.4 0.3 0.5



#52
Tetrachloroethene
Concen: 10.930 ppbv
RT: 10.603 min Scan# 2488
Delta R.T. 0.003 min
Lab File: VL041146.D
Acq: 8 Apr 2024 12:04

Tgt Ion: 164 Resp: 881422
Ion Ratio Lower Upper
164 100
166 122.2 95.0 142.6
129 109.5 88.7 133.1
131 104.9 83.2 124.8

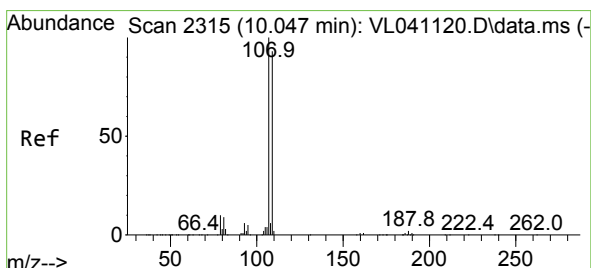
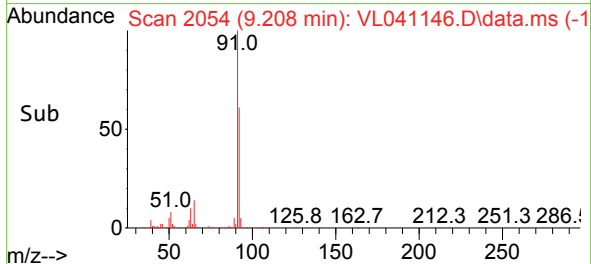
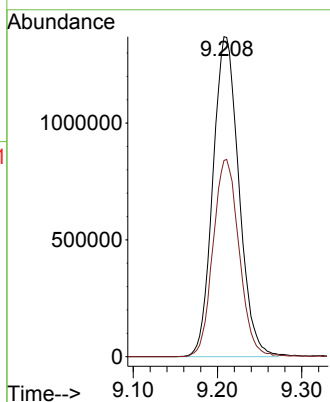
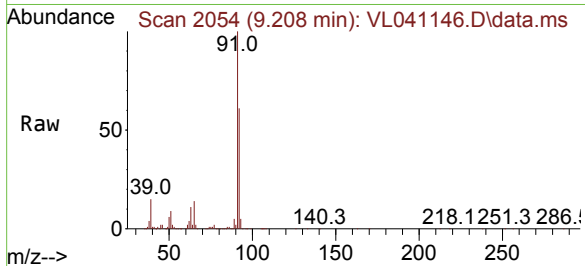




#53
Toluene
Concen: 11.022 ppbv
RT: 9.208 min Scan# 2070
Delta R.T. 0.003 min
Lab File: VL041146.D
Acq: 8 Apr 2024 12:04

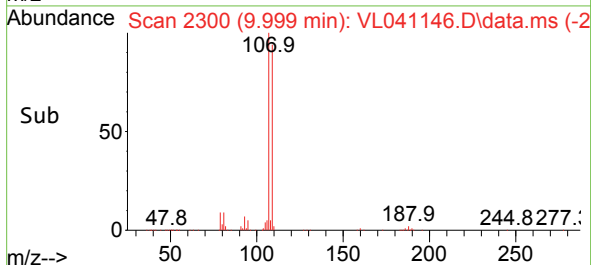
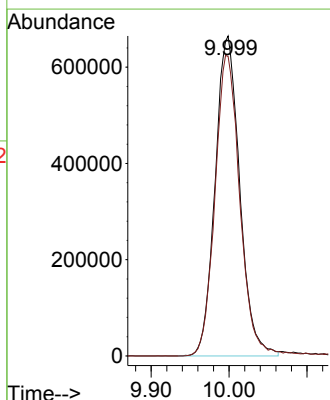
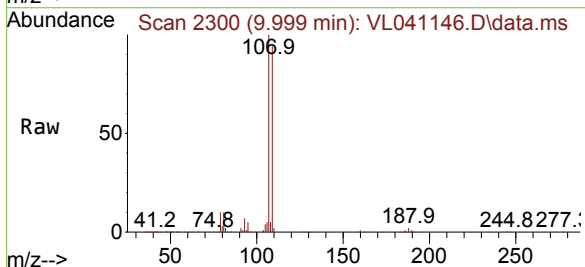
Instrument :
MSVOA_L
ClientSampleId :
VL0408ABS01

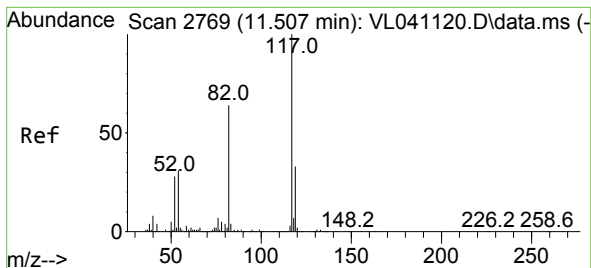
Tgt Ion: 91 Resp: 2933376
Ion Ratio Lower Upper
91 100
92 62.1 49.0 73.4



#54
1,2-Dibromoethane
Concen: 10.856 ppbv
RT: 9.999 min Scan# 2300
Delta R.T. 0.006 min
Lab File: VL041146.D
Acq: 8 Apr 2024 12:04

Tgt Ion: 107 Resp: 1458379
Ion Ratio Lower Upper
107 100
109 93.6 74.3 111.5





#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 11.455 min Scan# 21

Delta R.T. 0.003 min

Lab File: VL041146.D

Acq: 8 Apr 2024 12:04

Instrument :

MSVOA_L

ClientSampleId :

VL0408ABS01

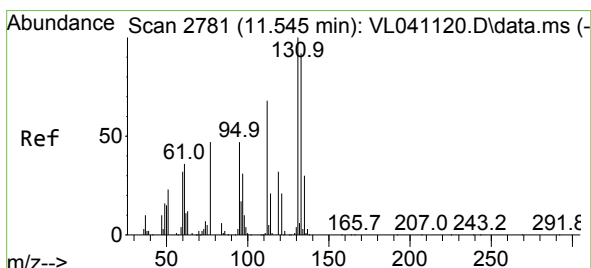
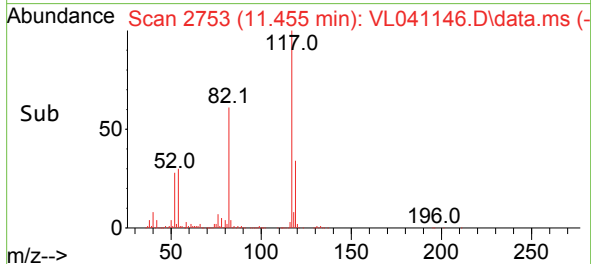
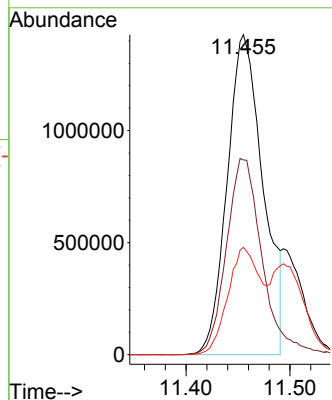
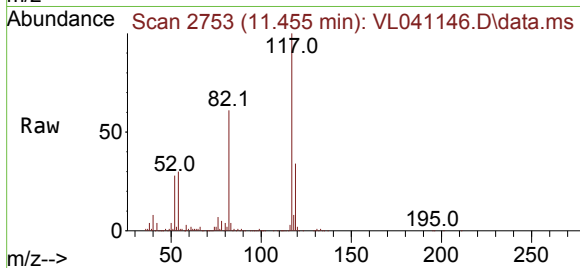
Tgt Ion:117 Resp: 3423280

Ion Ratio Lower Upper

117 100

82 62.1 51.0 76.6

119 29.1 25.2 37.8



#56

1,1,1,2-Tetrachloroethane

Concen: 9.811 ppbv

RT: 11.497 min Scan# 2766

Delta R.T. 0.006 min

Lab File: VL041146.D

Acq: 8 Apr 2024 12:04

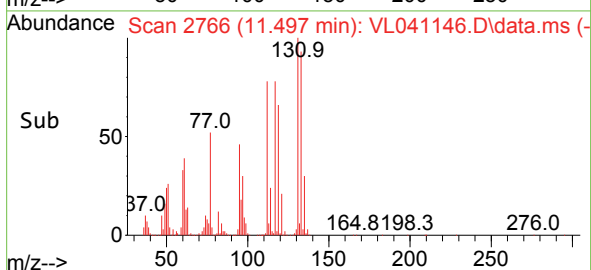
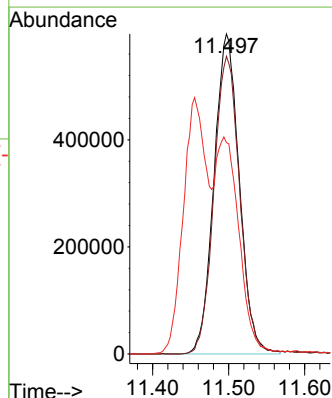
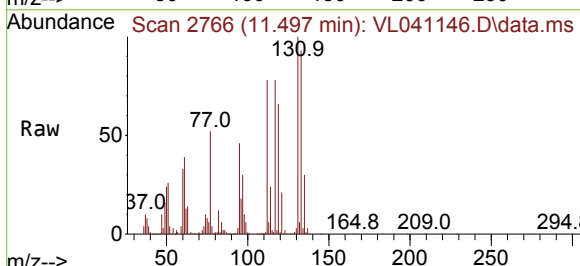
Tgt Ion:131 Resp: 1380207

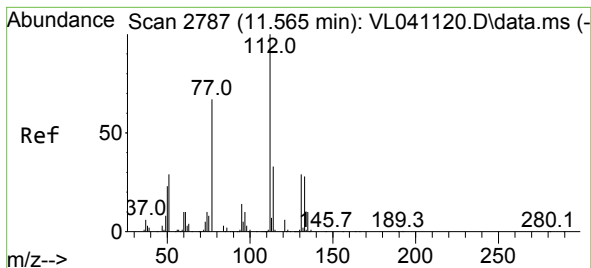
Ion Ratio Lower Upper

131 100

133 95.5 76.6 115.0

119 67.4 49.9 74.9

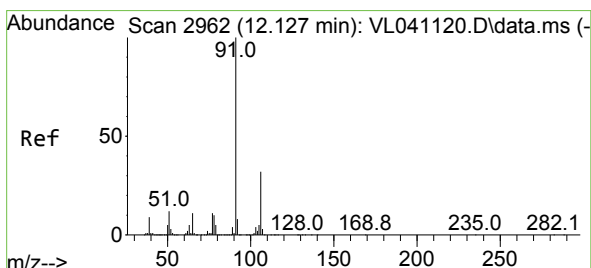
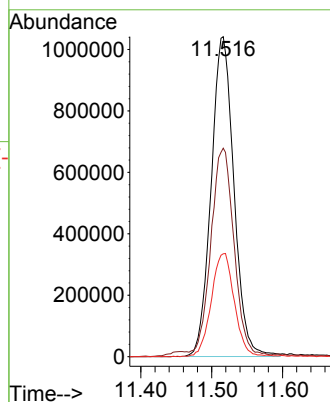
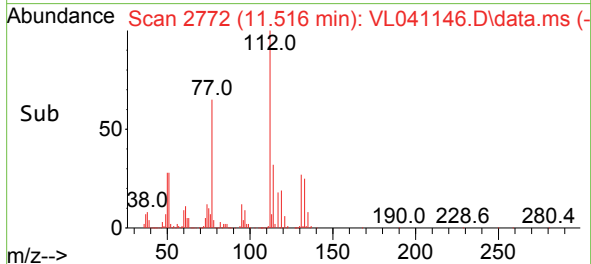
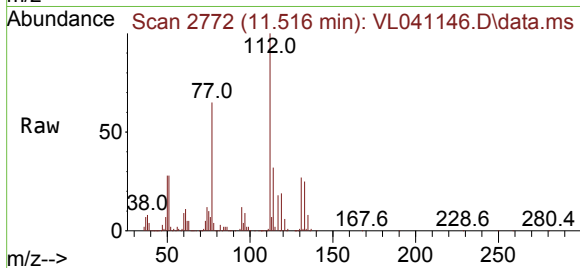




#57
Chlorobenzene
Concen: 9.917 ppbv
RT: 11.516 min Scan# 211
Delta R.T. 0.006 min
Lab File: VL041146.D
Acq: 8 Apr 2024 12:04

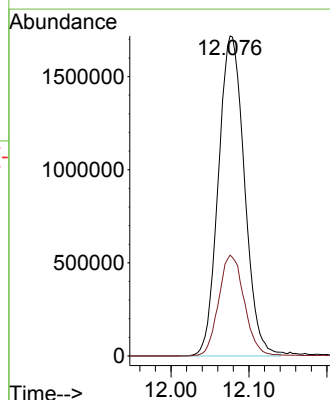
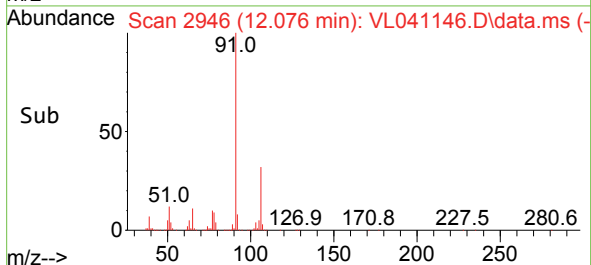
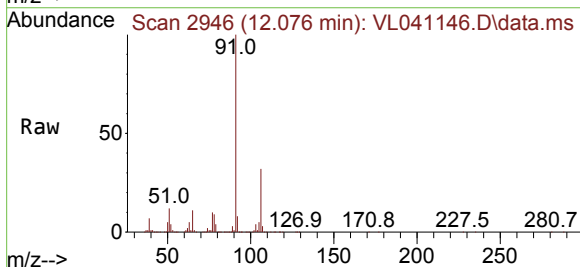
Instrument :
MSVOA_L
ClientSampleId :
VL0408ABS01

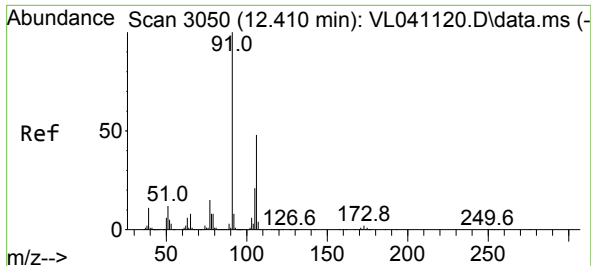
Tgt Ion:112 Resp: 2323903
Ion Ratio Lower Upper
112 100
77 64.5 54.0 81.0
114 32.2 29.3 35.9



#58
Ethyl Benzene
Concen: 10.652 ppbv
RT: 12.076 min Scan# 2946
Delta R.T. 0.003 min
Lab File: VL041146.D
Acq: 8 Apr 2024 12:04

Tgt Ion: 91 Resp: 3992290
Ion Ratio Lower Upper
91 100
106 31.5 25.6 38.4





#59

m/p-Xylene

Concen: 11.940 ppbv

RT: 12.362 min Scan# 3050

Delta R.T. 0.006 min

Lab File: VL041146.D

Acq: 8 Apr 2024 12:04

Instrument :

MSVOA_L

ClientSampleId :

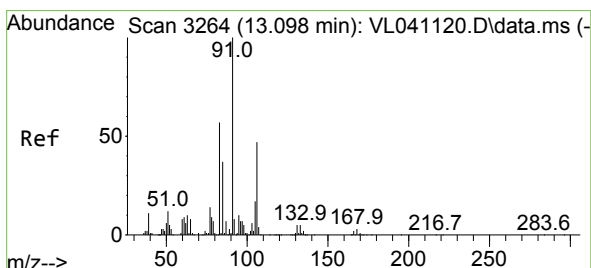
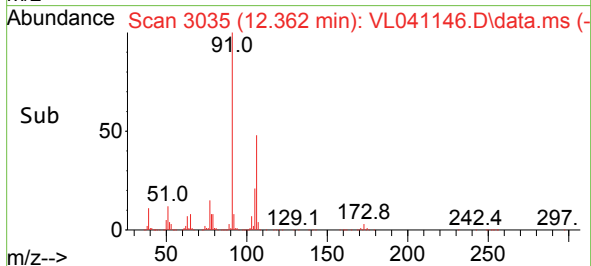
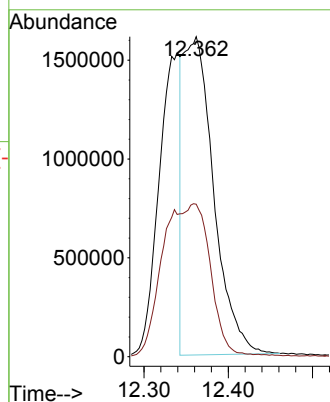
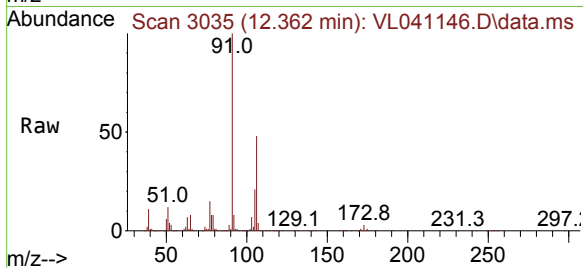
VL0408ABS01

Tgt Ion: 91 Resp: 4041419

Ion Ratio Lower Upper

91 100

106 75.8 35.4 53.2#



#60

o-Xylene

Concen: 10.145 ppbv

RT: 13.047 min Scan# 3248

Delta R.T. -0.000 min

Lab File: VL041146.D

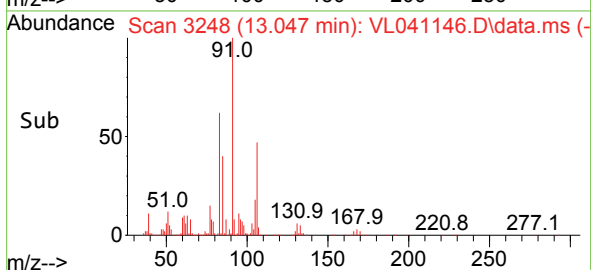
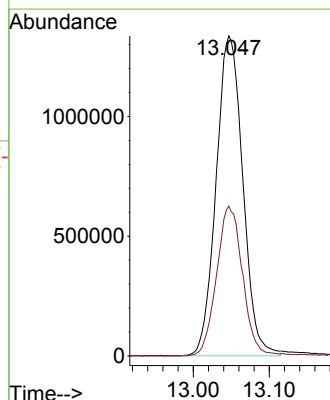
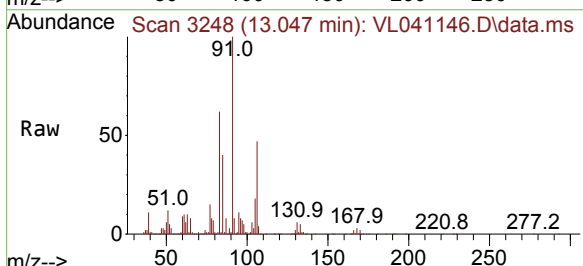
Acq: 8 Apr 2024 12:04

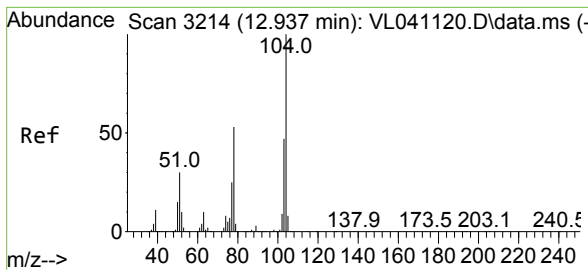
Tgt Ion: 91 Resp: 3253629

Ion Ratio Lower Upper

91 100

106 46.5 22.9 68.5





#61

Styrene

Concen: 11.742 ppbv

RT: 12.886 min Scan# 3198

Delta R.T. 0.006 min

Lab File: VL041146.D

Acq: 8 Apr 2024 12:04

Instrument :

MSVOA_L

ClientSampleId :

VL0408ABS01

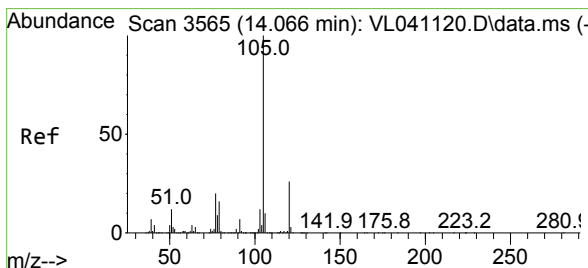
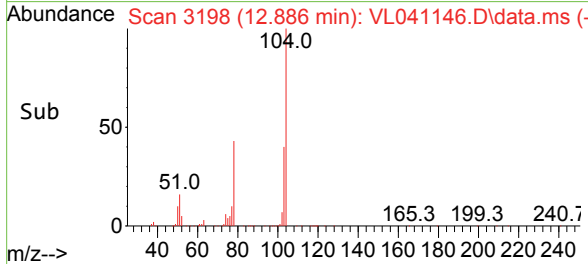
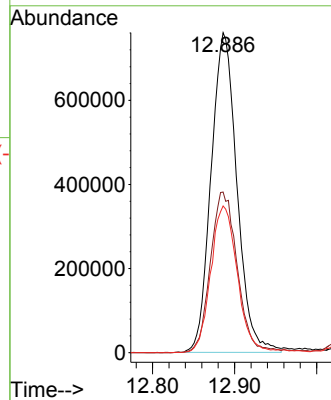
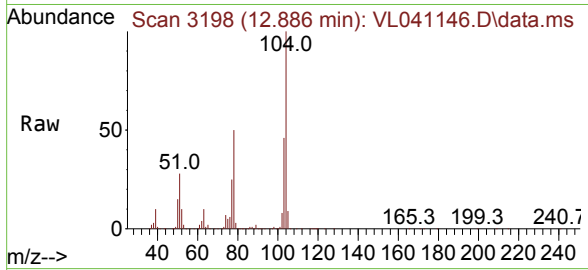
Tgt Ion:104 Resp: 1668589

Ion Ratio Lower Upper

104 100

78 52.9 43.3 64.9

103 47.8 38.2 57.2



#62

Isopropylbenzene

Concen: 9.985 ppbv

RT: 14.018 min Scan# 3550

Delta R.T. 0.003 min

Lab File: VL041146.D

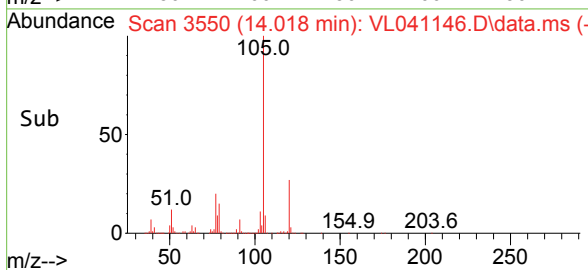
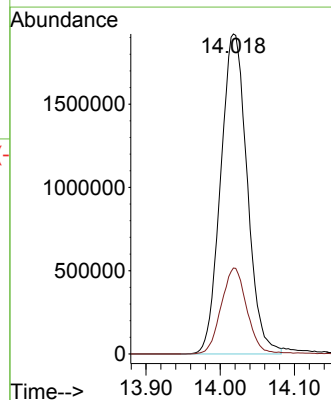
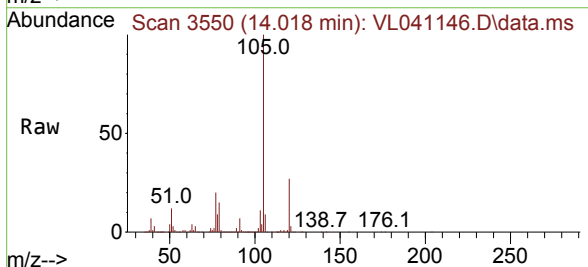
Acq: 8 Apr 2024 12:04

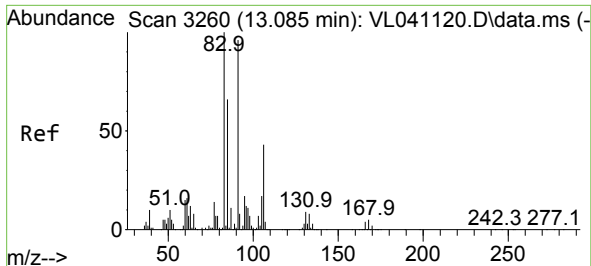
Tgt Ion:105 Resp: 4767313

Ion Ratio Lower Upper

105 100

120 26.3 21.0 31.4

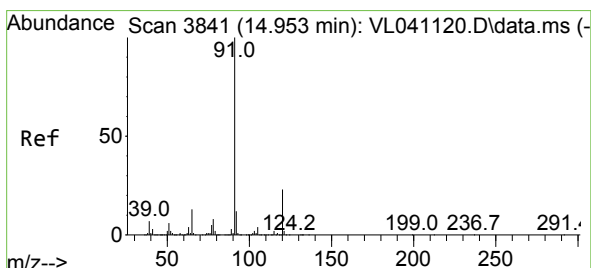
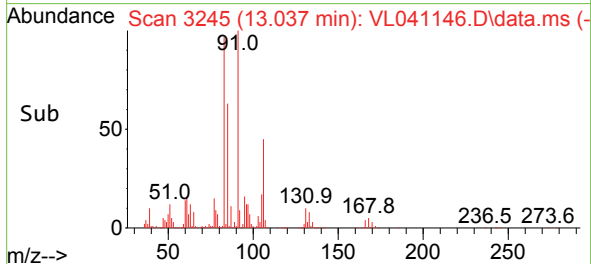
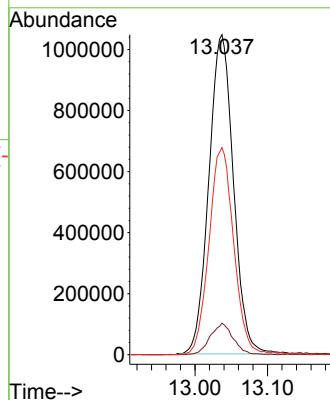
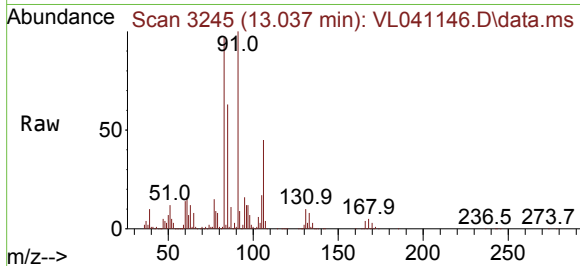




#63
1,1,2,2-Tetrachloroethane
Concen: 9.780 ppbv
RT: 13.037 min Scan# 31
Delta R.T. 0.006 min
Lab File: VL041146.D
Acq: 8 Apr 2024 12:04

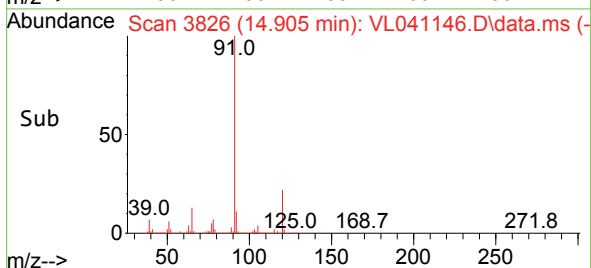
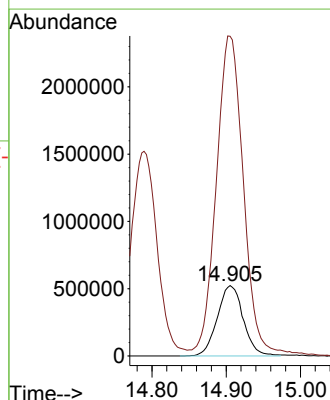
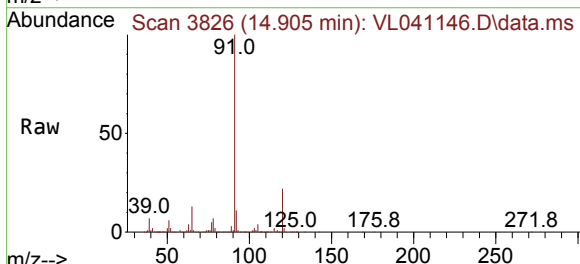
Instrument :
MSVOA_L
ClientSampleId :
VL0408ABS01

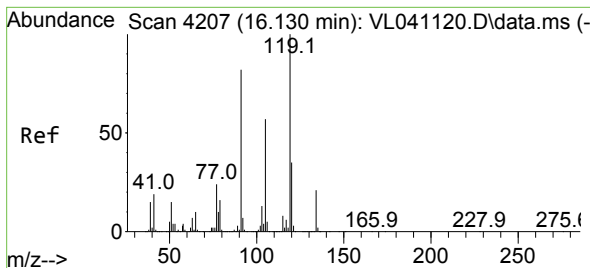
Tgt Ion: 83 Resp: 2464421
Ion Ratio Lower Upper
83 100
131 9.3 4.7 14.0
85 65.7 33.1 99.2



#64
n-propylbenzene
Concen: 10.609 ppbv
RT: 14.905 min Scan# 3826
Delta R.T. 0.006 min
Lab File: VL041146.D
Acq: 8 Apr 2024 12:04

Tgt Ion:120 Resp: 1271233
Ion Ratio Lower Upper
120 100
91 479.6 395.0 592.6

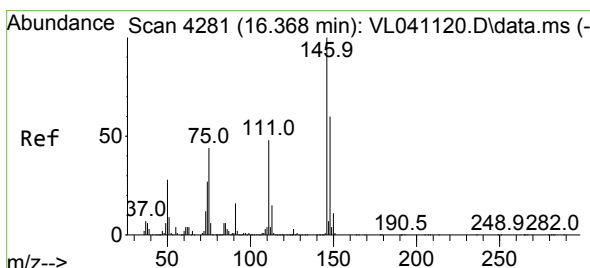
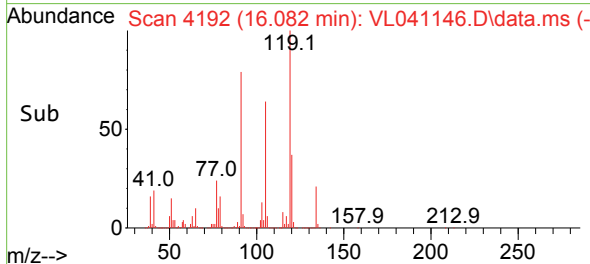
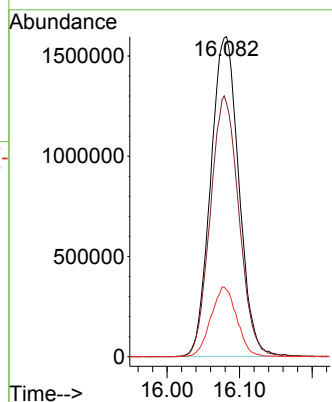
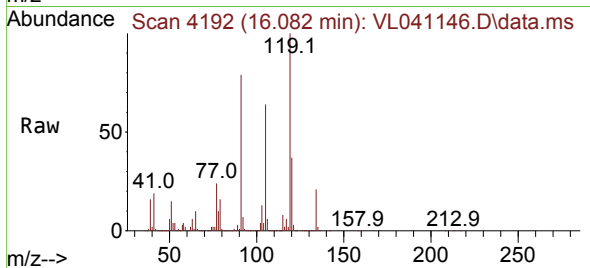




#65
tert-Butylbenzene
Concen: 10.323 ppbv
RT: 16.082 min Scan# 41
Delta R.T. 0.006 min
Lab File: VL041146.D
Acq: 8 Apr 2024 12:04

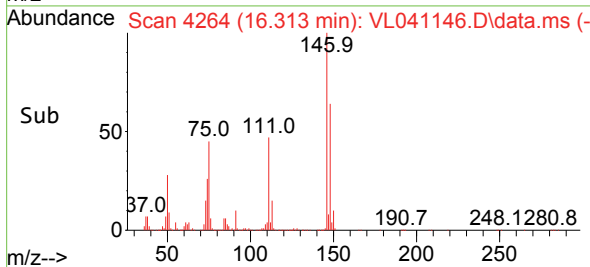
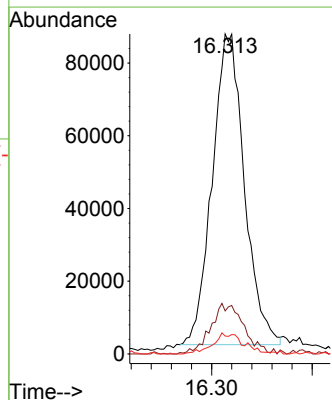
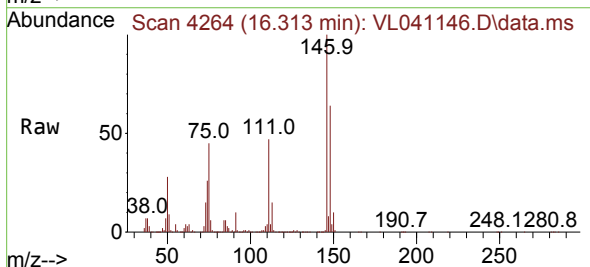
Instrument :
MSVOA_L
ClientSampleId :
VL0408ABS01

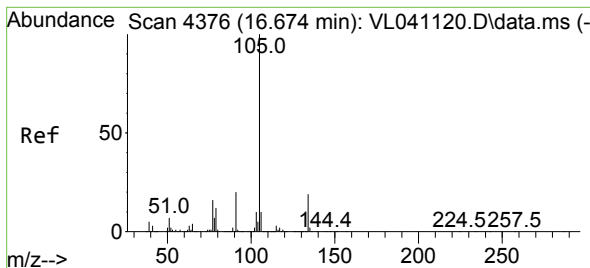
Tgt Ion:119 Resp: 4302970
Ion Ratio Lower Upper
119 100
91 82.9 67.8 101.8
134 20.2 16.0 24.0



#66
Benzyl Chloride
Concen: 6.906 ppbv
RT: 16.313 min Scan# 4264
Delta R.T. 0.003 min
Lab File: VL041146.D
Acq: 8 Apr 2024 12:04

Tgt Ion: 91 Resp: 189388
Ion Ratio Lower Upper
91 100
126 16.7 13.4 20.2
128 6.6 4.3 6.5#





#67

sec-Butylbenzene

Concen: 10.174 ppbv

RT: 16.622 min Scan# 41

Delta R.T. 0.003 min

Lab File: VL041146.D

Acq: 8 Apr 2024 12:04

Instrument :

MSVOA_L

ClientSampleId :

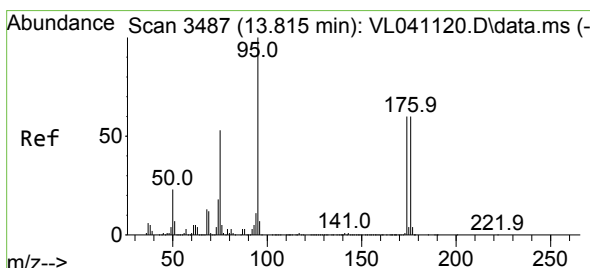
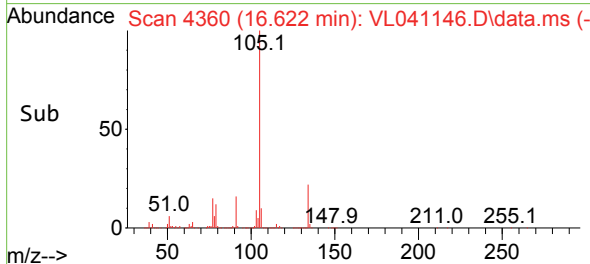
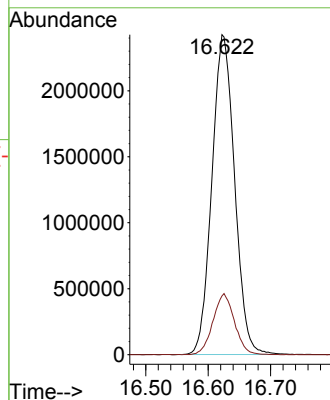
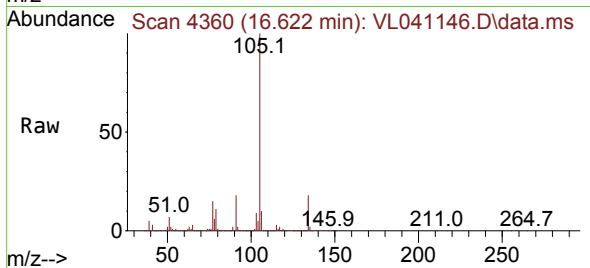
VL0408ABS01

Tgt Ion:105 Resp: 6127186

Ion Ratio Lower Upper

105 100

134 18.1 14.3 21.5



#68

1-Bromo-4-Fluorobenzene

Concen: 9.501 ppbv

RT: 13.764 min Scan# 3471

Delta R.T. 0.003 min

Lab File: VL041146.D

Acq: 8 Apr 2024 12:04

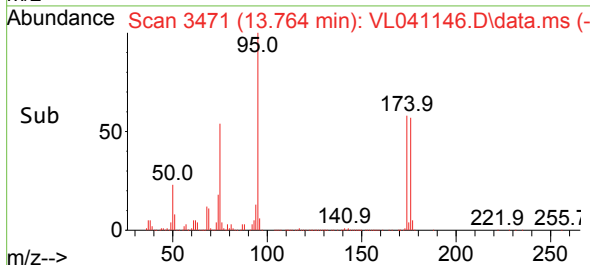
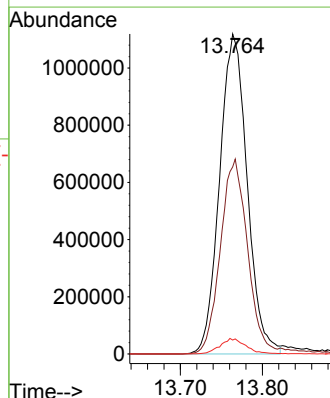
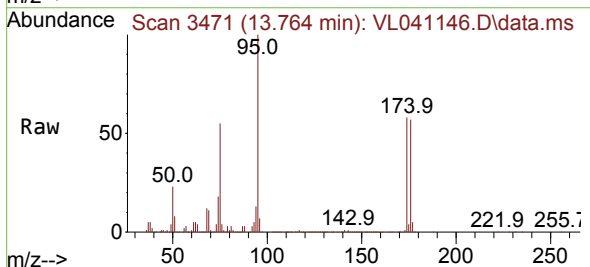
Tgt Ion: 95 Resp: 2615341

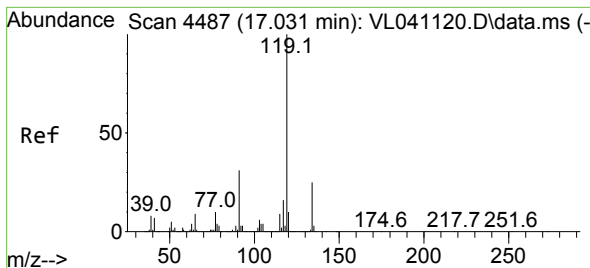
Ion Ratio Lower Upper

95 100

174 61.9 49.3 73.9

175 4.6 3.6 5.4





#69

p-Isopropyltoluene

Concen: 10.750 ppbv

RT: 16.982 min Scan# 4487

Delta R.T. 0.003 min

Lab File: VL041146.D

Acq: 8 Apr 2024 12:04

Instrument :

MSVOA_L

ClientSampleId :

VL0408ABS01

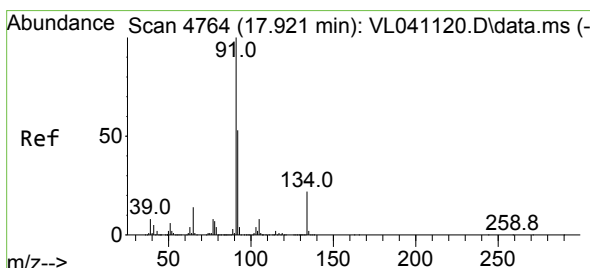
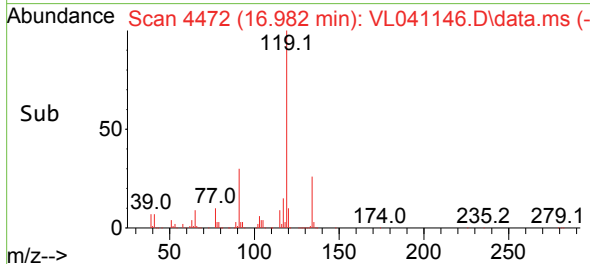
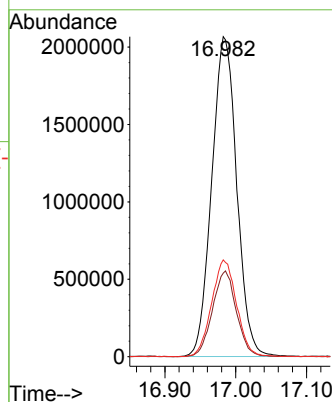
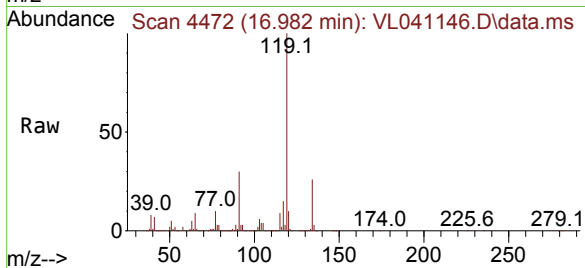
Tgt Ion:119 Resp: 5048638

Ion Ratio Lower Upper

119 100

134 25.8 20.5 30.7

91 30.4 24.8 37.2



#70

n-Butylbenzene

Concen: 10.669 ppbv

RT: 17.876 min Scan# 4750

Delta R.T. 0.006 min

Lab File: VL041146.D

Acq: 8 Apr 2024 12:04

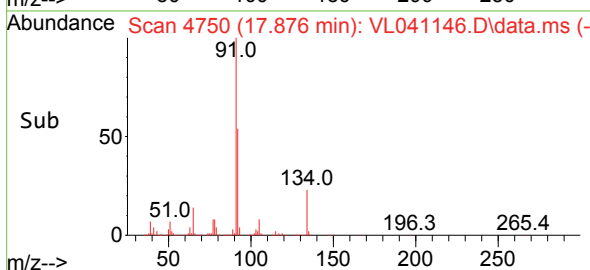
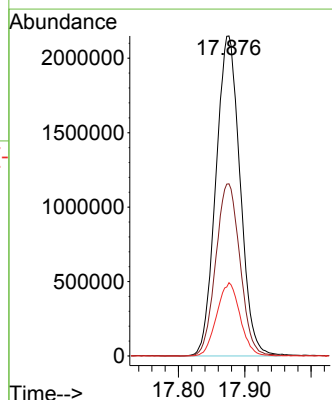
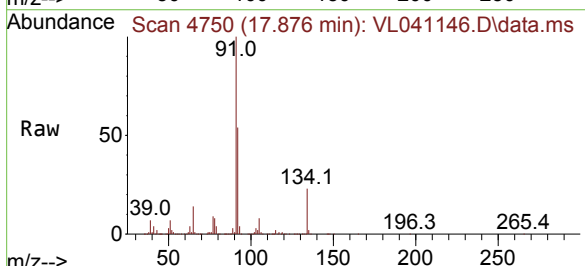
Tgt Ion: 91 Resp: 5442875

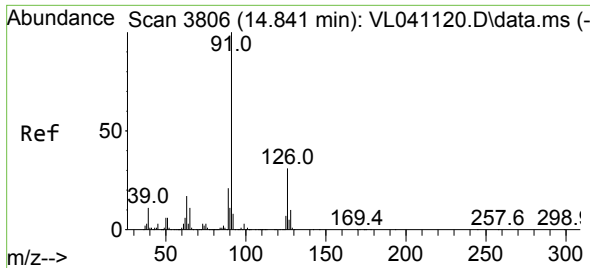
Ion Ratio Lower Upper

91 100

92 54.2 43.4 65.0

134 22.2 17.1 25.7

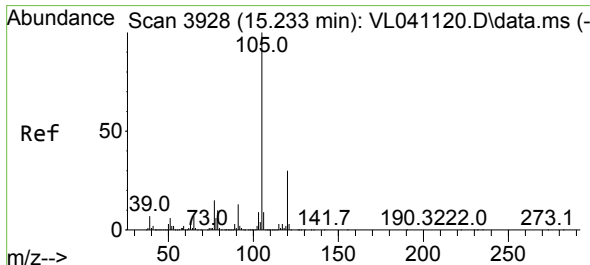
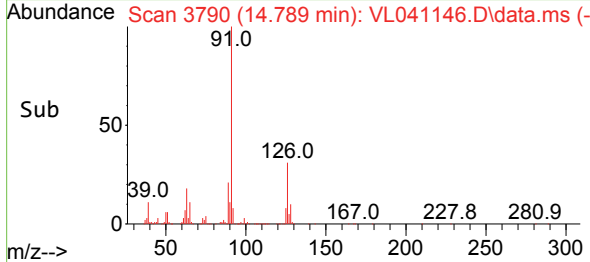
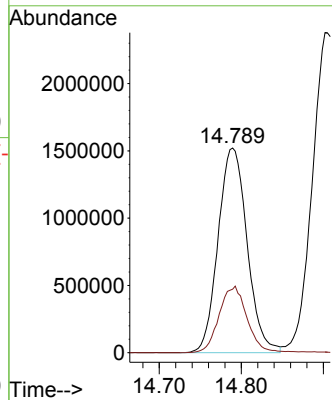
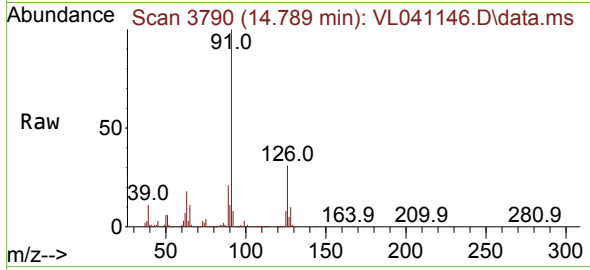




#71
2-Chlorotoluene
Concen: 10.210 ppbv
RT: 14.789 min Scan# 31
Delta R.T. 0.006 min
Lab File: VL041146.D
Acq: 8 Apr 2024 12:04

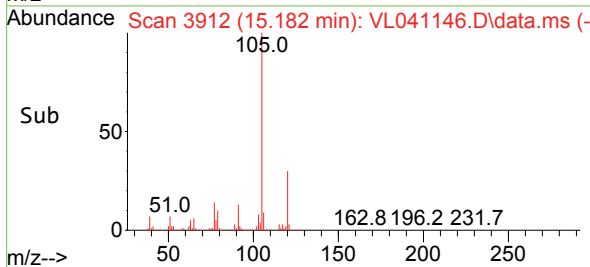
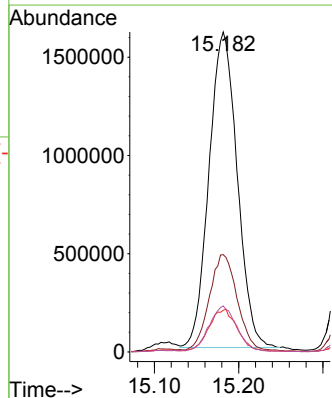
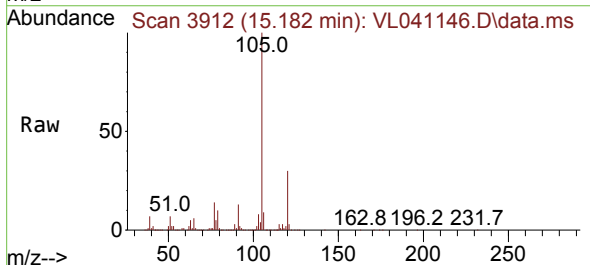
Instrument :
MSVOA_L
ClientSampleId :
VL0408ABS01

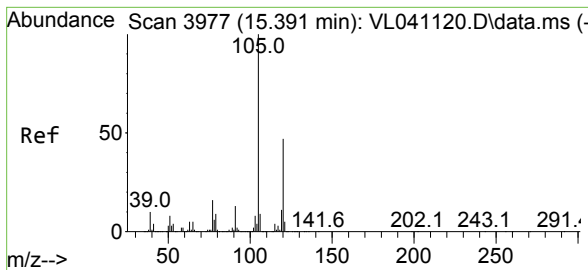
Tgt Ion: 91 Resp: 3738857
Ion Ratio Lower Upper
91 100
126 31.8 12.5 50.1



#72
4-Ethyltoluene
Concen: 10.403 ppbv
RT: 15.182 min Scan# 3912
Delta R.T. 0.006 min
Lab File: VL041146.D
Acq: 8 Apr 2024 12:04

Tgt Ion: 105 Resp: 3726525
Ion Ratio Lower Upper
105 100
120 31.4 24.2 36.2
91 14.7 11.2 16.8
77 15.2 12.2 18.4

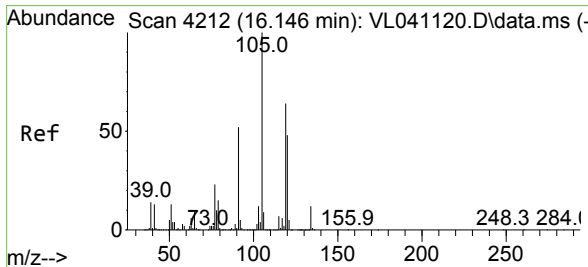
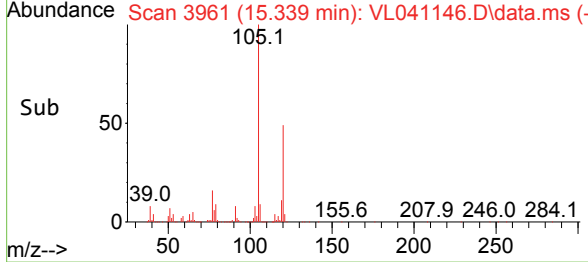
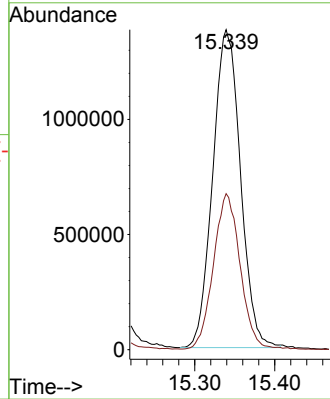
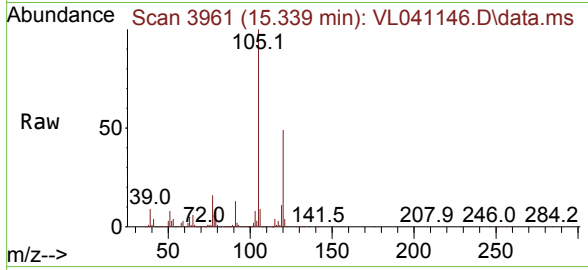




#73
 1,3,5-Trimethylbenzene
 Concen: 10.501 ppbv
 RT: 15.339 min Scan# 3977
 Delta R.T. 0.006 min
 Lab File: VL041146.D
 Acq: 8 Apr 2024 12:04

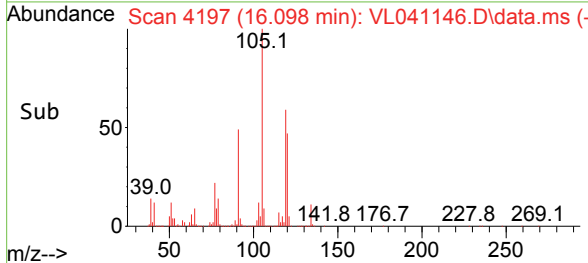
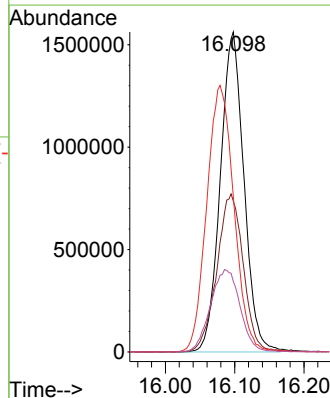
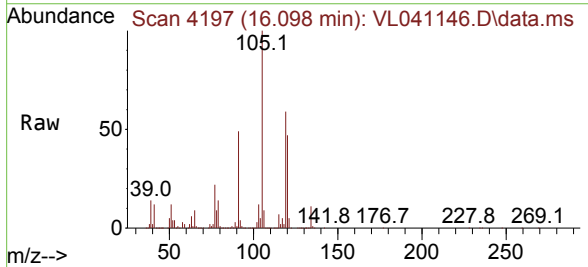
Instrument :
 MSVOA_L
 ClientSampleId :
 VL0408ABS01

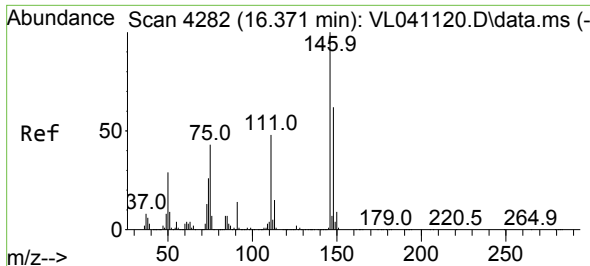
Tgt Ion:105 Resp: 3317429
 Ion Ratio Lower Upper
 105 100
 120 48.9 37.8 56.8



#74
 1,2,4-Trimethylbenzene
 Concen: 10.237 ppbv
 RT: 16.098 min Scan# 4197
 Delta R.T. 0.006 min
 Lab File: VL041146.D
 Acq: 8 Apr 2024 12:04

Tgt Ion:105 Resp: 3701021
 Ion Ratio Lower Upper
 105 100
 120 47.1 38.9 58.3
 91 48.4 43.0 64.6
 77 21.9 18.6 28.0

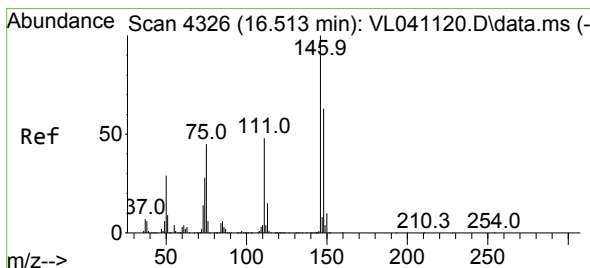
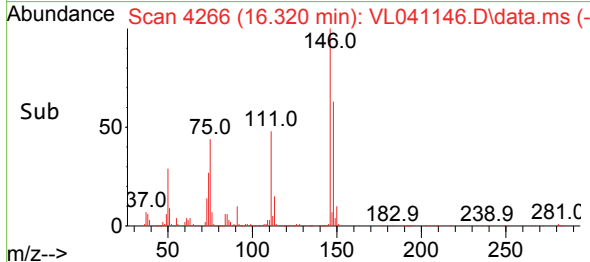
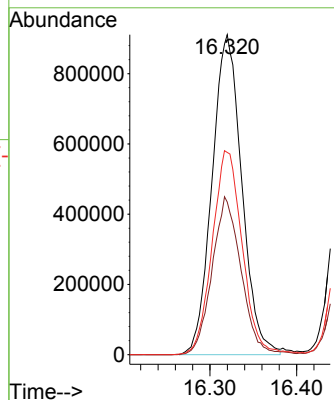
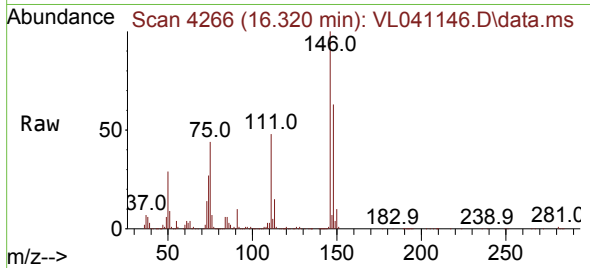




#75
1,3-Dichlorobenzene
Concen: 10.295 ppbv
RT: 16.320 min Scan# 4310
Delta R.T. 0.006 min
Lab File: VL041146.D
Acq: 8 Apr 2024 12:04

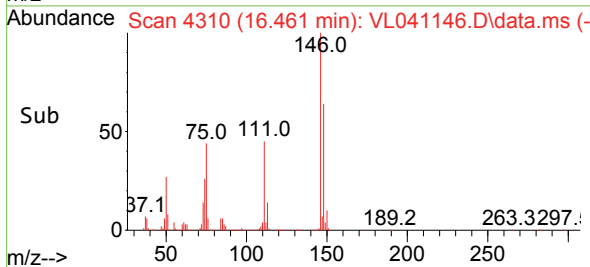
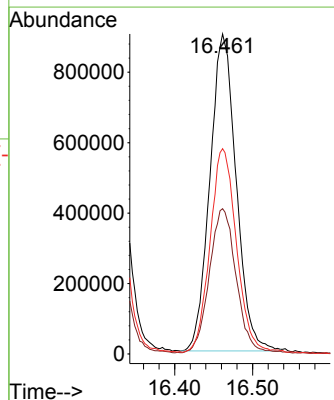
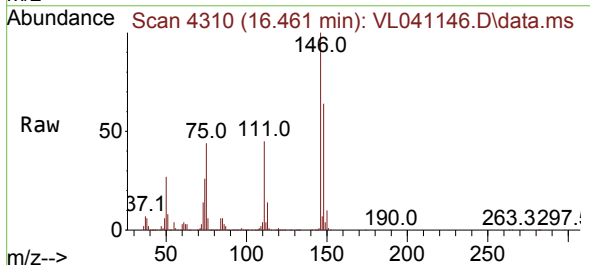
Instrument :
MSVOA_L
ClientSampleId :
VL0408ABS01

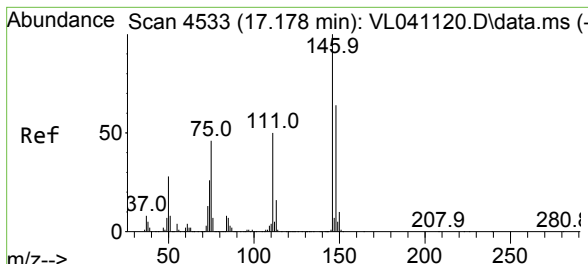
Tgt Ion:146 Resp: 2173233
Ion Ratio Lower Upper
146 100
111 48.0 24.1 72.4
148 64.5 32.0 96.2



#76
1,4-Dichlorobenzene
Concen: 10.274 ppbv
RT: 16.461 min Scan# 4310
Delta R.T. 0.003 min
Lab File: VL041146.D
Acq: 8 Apr 2024 12:04

Tgt Ion:146 Resp: 2109576
Ion Ratio Lower Upper
146 100
111 47.5 24.1 72.3
148 66.3 33.1 99.2



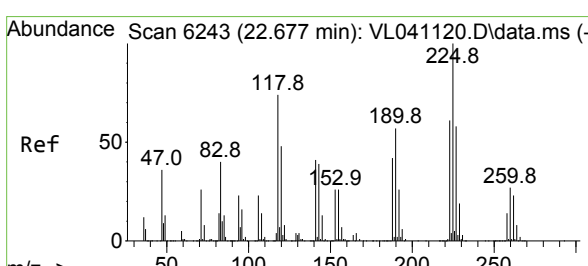
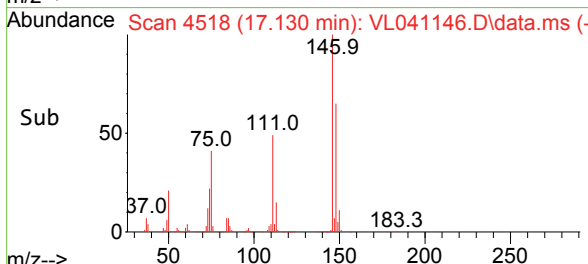
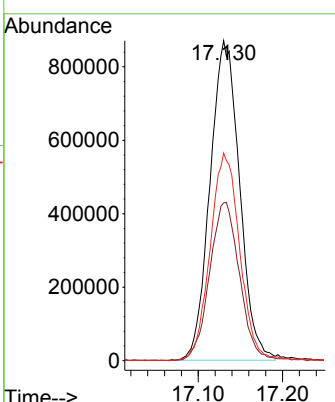
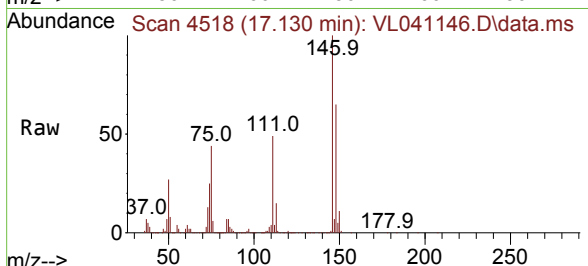


#77
 1,2-Dichlorobenzene
 Concen: 10.322 ppbv
 RT: 17.130 min Scan# 41
 Delta R.T. 0.003 min
 Lab File: VL041146.D
 Acq: 8 Apr 2024 12:04

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0408ABS01

Tgt Ion:146 Resp: 2115917

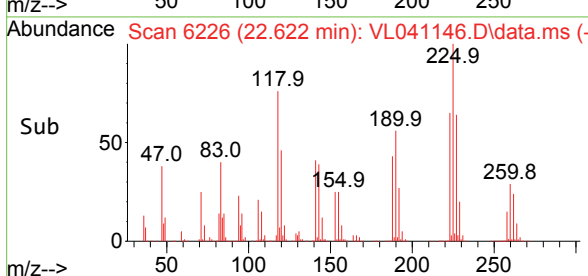
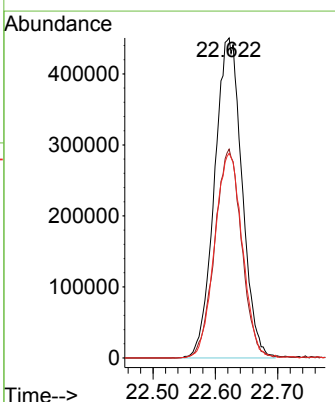
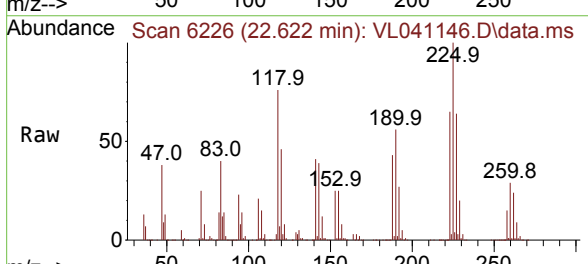
Ion	Ratio	Lower	Upper
146	100		
111	50.5	25.1	75.3
148	65.6	32.6	97.7

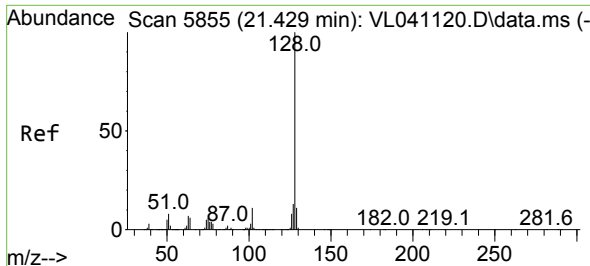


#78
 Hexachloro-1,3-Butadiene
 Concen: 10.137 ppbv
 RT: 22.622 min Scan# 6226
 Delta R.T. 0.003 min
 Lab File: VL041146.D
 Acq: 8 Apr 2024 12:04

Tgt Ion:225 Resp: 1381536

Ion	Ratio	Lower	Upper
225	100		
223	64.1	50.9	76.3
227	64.3	51.3	76.9

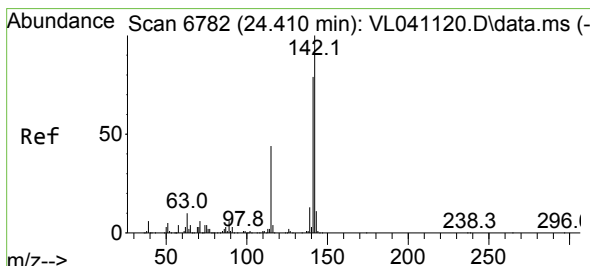
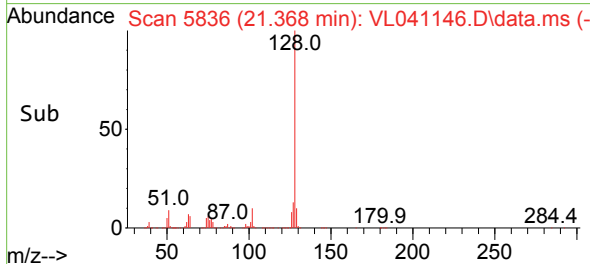
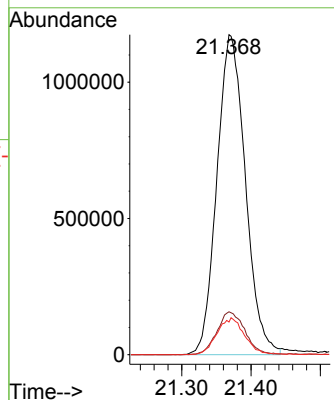
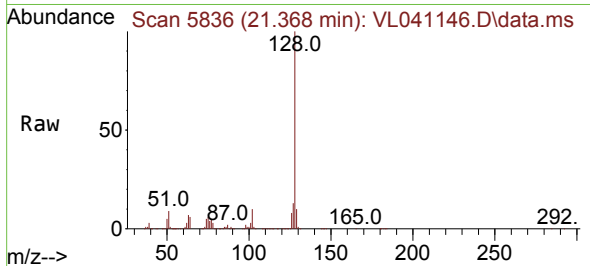




#79
Naphthalene
Concen: 14.442 ppbv
RT: 21.368 min Scan# 5836
Delta R.T. -0.000 min
Lab File: VL041146.D
Acq: 8 Apr 2024 12:04

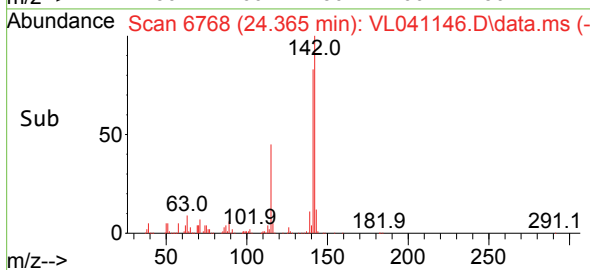
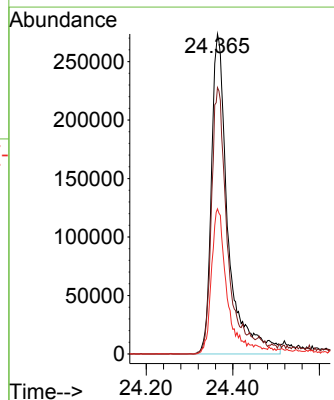
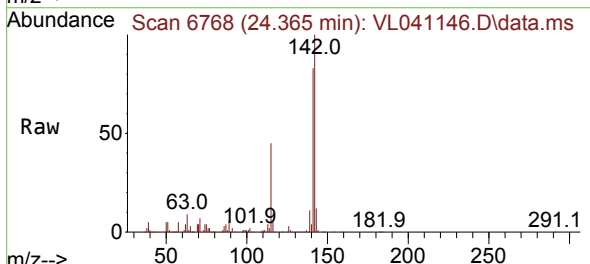
Instrument :
MSVOA_L
ClientSampleId :
VL0408ABS01

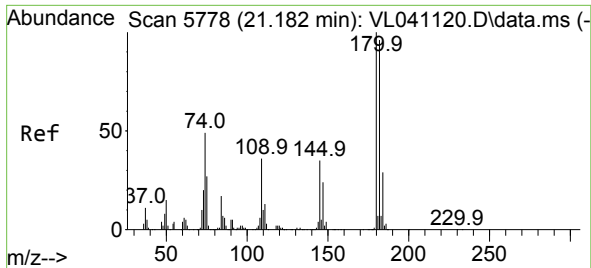
Tgt Ion:128 Resp: 3349928
Ion Ratio Lower Upper
128 100
127 13.4 10.6 15.8
129 10.2 8.6 12.8



#80
Naphthalene,2-methyl-
Concen: 16.159 ppbv
RT: 24.365 min Scan# 6768
Delta R.T. -0.000 min
Lab File: VL041146.D
Acq: 8 Apr 2024 12:04

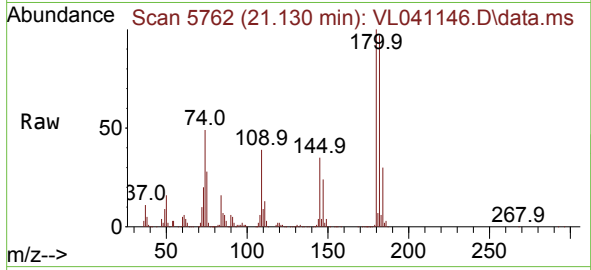
Tgt Ion:142 Resp: 730130
Ion Ratio Lower Upper
142 100
141 81.4 64.4 96.6
115 45.2 33.5 50.3





#81
 1,2,4-Trichlorobenzene
 Concen: 5.955 ppbv
 RT: 21.130 min Scan# 51
 Delta R.T. 0.006 min
 Lab File: VL041146.D
 Acq: 8 Apr 2024 12:04

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0408ABS01



Tgt Ion:180 Resp: 774350
 Ion Ratio Lower Upper
 180 100
 182 202.9 77.4 116.2#
 184 64.0 24.9 37.3#

