

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL072524\
 Data File : VL041418.D
 Acq On : 26 Jul 2024 12:45
 Operator : SY/MD
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :

Quant Time: Jul 29 01:48:25 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 Jul 26 07:31:14 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.179	49	1137452	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.642	114	3106729	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.455	117	3656489	10.000	ppbv	# 0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.764	95	2388595	8.489	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	84.900%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.713	85	1746785	8.927	ppbv	100
3) Chlorodifluoromethane	2.658	51	1263797	9.333	ppbv	99
4) Chloromethane	2.796	50	668932	9.288	ppbv	96
5) Vinyl Chloride	2.902	62	656261	9.245	ppbv	97
6) Bromomethane	3.105	94	344030	9.429	ppbv	95
7) Chloroethane	3.182	64	235176	9.599	ppbv	99
8) Dichlorotetrafluoroethane	2.841	85	1620724	9.348	ppbv	99
9) Propene	2.677	41	567993	9.131	ppbv	100
10) Heptane	7.568	43	1400354	10.020	ppbv	99
11) Trichlorofluoromethane	3.546	101	1611204	9.271	ppbv	98
12) 1,1,2-Trichlorotrifluo...	4.050	101	1160901	9.277	ppbv	100
13) Ethanol	3.230	45	33307	5.991	ppbv	86
14) Bromoethene	3.349	108	471598	9.667	ppbv	99
15) Acetone	3.452	43	1145750	8.865	ppbv	100
16) 1,3-Butadiene	2.970	39	650447	9.420	ppbv	100
17) tert-Butyl alcohol	3.861	59	1195023	10.139	ppbv	100
18) 1,1-Dichloroethene	3.864	96	521929	9.750	ppbv	99
19) Isopropyl Alcohol	3.558	45	734617	9.723	ppbv	99
20) Methylene Chloride	3.918	84	434940	9.025	ppbv	97
21) Allyl Chloride	3.983	41	826146	9.747	ppbv	100
22) trans-1,2-Dichloroethene	4.430	96	513313	9.591	ppbv	98
23) Vinyl Acetate	4.610	43	1047105	10.609	ppbv	98
24) 1,1-Dichloroethane	4.549	63	1085602	9.341	ppbv	99
25) Ethyl Acetate	5.189	43	2435951	9.488	ppbv	100
26) Hexane	5.198	57	1028862	9.660	ppbv	99
27) Carbon Disulfide	4.108	76	1219200	9.785	ppbv	99
28) Methyl tert-Butyl Ether	4.571	73	633929	9.438	ppbv	99
29) Chloroform	5.259	83	1627641	9.369	ppbv	99
30) Cyclohexane	6.587	84	901886	10.398	ppbv	98
31) cis-1,2-Dichloroethene	5.063	61	1012059	9.619	ppbv	97
32) 1,1,1-Trichloroethane	5.989	97	1592542	9.417	ppbv	99
34) 2-Butanone	4.771	43	1462654	9.733	ppbv	100
35) Carbon Tetrachloride	6.481	117	1683189	9.823	ppbv	98
36) Benzene	6.356	78	2223928	9.797	ppbv	98
37) 1,2-Dichloroethane	5.793	62	1249719	9.836	ppbv	100
38) Trichloroethene	7.278	130	995320	9.570	ppbv	99
39) 1,2-Dichloropropane	7.063	63	855808	9.847	ppbv	99
40) 1,4-Dioxane	7.269	88	332729	9.530	ppbv	81
41) Tetrahydrofuran	5.542	42	873079	10.158	ppbv	99
42) Bromodichloromethane	7.237	83	1823428	9.939	ppbv	97
43) Methyl Methacrylate	7.462	69	881642	10.831	ppbv	98
44) 2,2,4-Trimethylpentane	7.314	57	3695158	9.746	ppbv	99
45) t-1,3-Dichloropropene	8.696	75	862058	11.505	ppbv	93

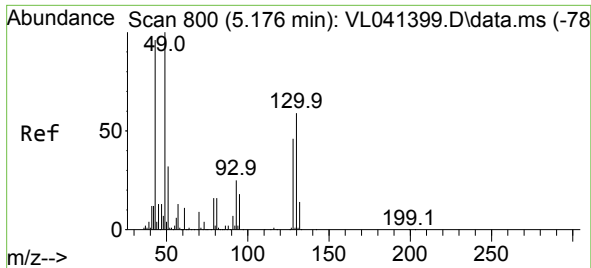
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL072524\
 Data File : VL041418.D
 Acq On : 26 Jul 2024 12:45
 Operator : SY/MD
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :

Quant Time: Jul 29 01:48:25 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL072524AIR.M
 Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Fri Jul 26 07:31:14 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.131	75	1162490	10.744	ppbv	97
47) 1,1,2-Trichloroethane	8.886	97	929782	9.705	ppbv	97
48) Dibromochloromethane	9.696	129	1550980	10.050	ppbv	100
49) Bromoform	12.394	173	1357046	10.409	ppbv	100
50) 4-Methyl-2-Pentanone	8.169	43	2460154	10.376	ppbv	100
51) 2-Hexanone	9.536	43	2008095	11.200	ppbv #	99
52) Tetrachloroethene	10.606	164	855602	9.754	ppbv	98
53) Toluene	9.208	91	2634087	10.417	ppbv	100
54) 1,2-Dibromoethane	9.995	107	1360115	10.667	ppbv	97
56) 1,1,1,2-Tetrachloroethane	11.497	131	1135334	8.006	ppbv #	57
57) Chlorobenzene	11.516	112	2055796	7.897	ppbv	99
58) Ethyl Benzene	12.076	91	3538730	8.397	ppbv	99
59) m/p-Xylene	12.362	91	3005079	8.260	ppbv #	30
60) o-Xylene	13.047	91	2879240	8.366	ppbv	100
61) Styrene	12.886	104	1429605	9.207	ppbv	99
62) Isopropylbenzene	14.018	105	4196324	8.021	ppbv	100
63) 1,1,2,2-Tetrachloroethane	13.037	83	1756658	8.083	ppbv	100
64) n-propylbenzene	14.902	120	1133314	8.285	ppbv	98
65) tert-Butylbenzene	16.082	119	3781175	8.001	ppbv	99
66) Benzyl Chloride	16.317	91	268918	8.872	ppbv	98
67) sec-Butylbenzene	16.625	105	5282274	8.113	ppbv	100
69) p-Isopropyltoluene	16.982	119	4444978	8.227	ppbv	100
70) n-Butylbenzene	17.873	91	4550755	8.216	ppbv	100
71) 2-Chlorotoluene	14.789	91	3163171	8.198	ppbv	99
72) 4-Ethyltoluene	15.182	105	3514717	8.674	ppbv	99
73) 1,3,5-Trimethylbenzene	15.339	105	2978924	8.534	ppbv	99
74) 1,2,4-Trimethylbenzene	16.095	105	3310269	8.157	ppbv	96
75) 1,3-Dichlorobenzene	16.320	146	2057162	8.064	ppbv	100
76) 1,4-Dichlorobenzene	16.461	146	1986009	8.040	ppbv	100
77) 1,2-Dichlorobenzene	17.130	146	1985499	7.851	ppbv	100
78) Hexachloro-1,3-Butadiene	22.619	225	1522850	7.061	ppbv	99
79) Naphthalene	21.368	128	3374074	9.420	ppbv	99
80) Naphthalene,2-methyl-	24.358	142	2634418	8.774	ppbv	98
81) 1,2,4-Trichlorobenzene	21.127	180	1766558	8.288	ppbv	99

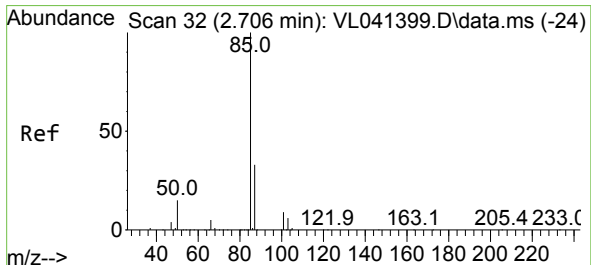
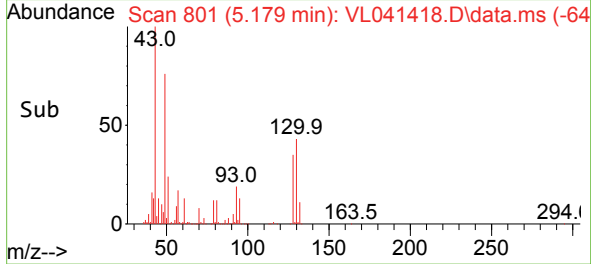
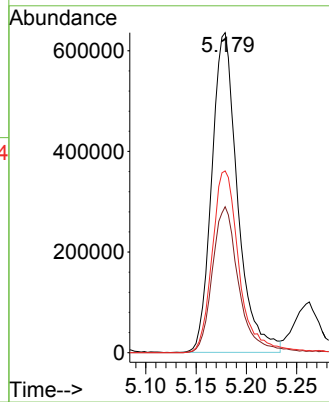
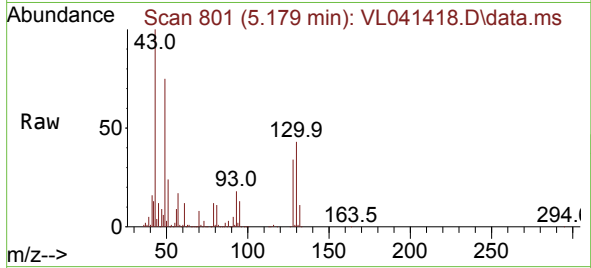
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.179 min Scan# 80
Delta R.T. 0.003 min
Lab File: VL041418.D
Acq: 26 Jul 2024 12:45

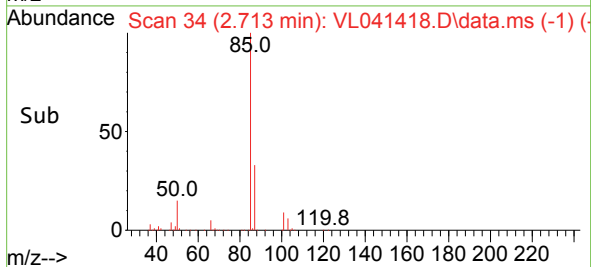
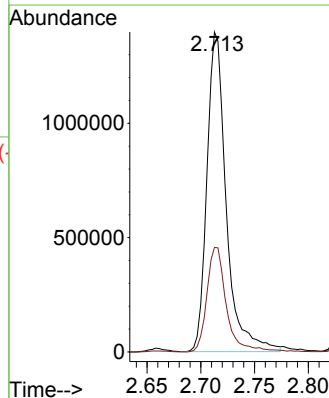
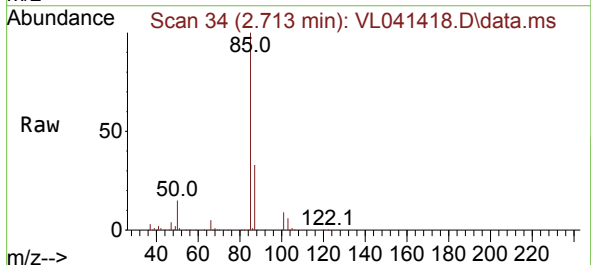
Instrument :
MSVOA_L
ClientSampleId :

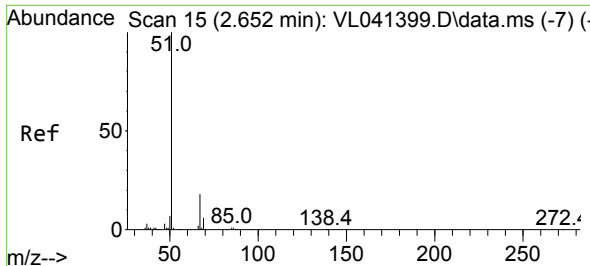
Tgt Ion: 49 Resp: 1137452
Ion Ratio Lower Upper
49 100
128 47.2 23.8 71.4
130 60.4 30.8 92.4



#2
Dichlorodifluoromethane
Concen: 8.927 ppbv
RT: 2.713 min Scan# 34
Delta R.T. 0.006 min
Lab File: VL041418.D
Acq: 26 Jul 2024 12:45

Tgt Ion: 85 Resp: 1746785
Ion Ratio Lower Upper
85 100
87 32.6 26.0 39.0

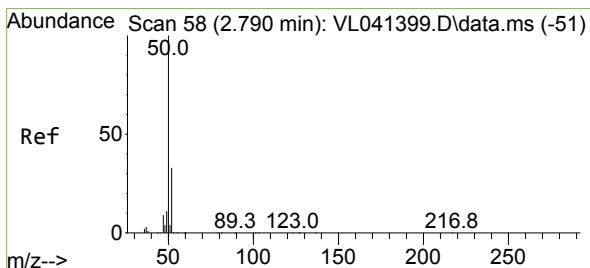
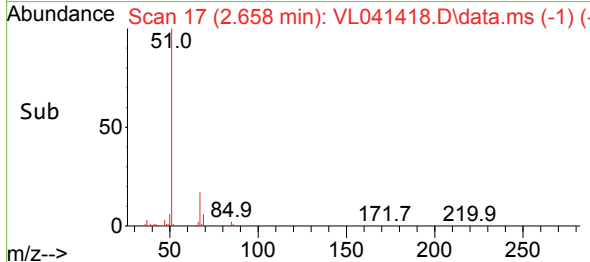
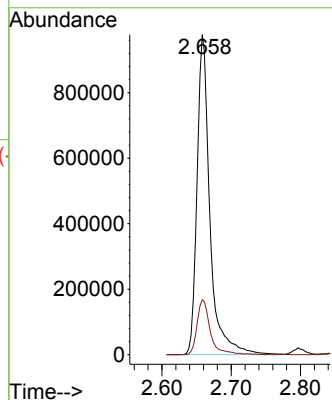
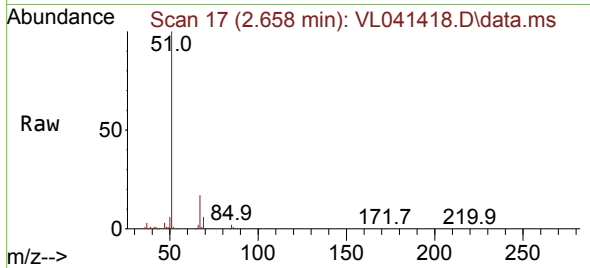




#3
Chlorodifluoromethane
Concen: 9.333 ppbv
RT: 2.658 min Scan# 11
Delta R.T. 0.006 min
Lab File: VL041418.D
Acq: 26 Jul 2024 12:45

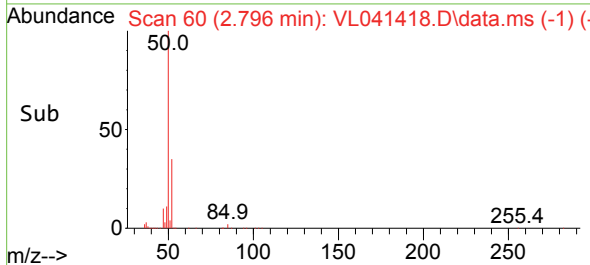
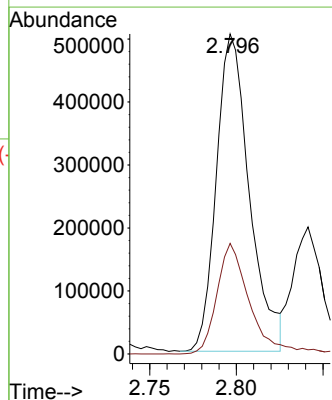
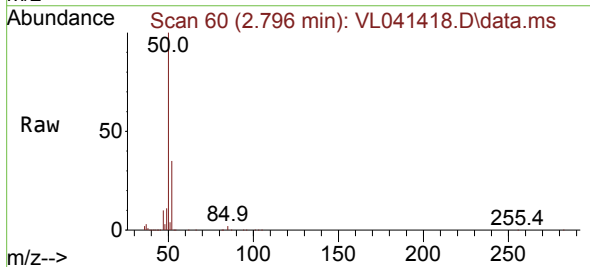
Instrument :
MSVOA_L
ClientSampleId :

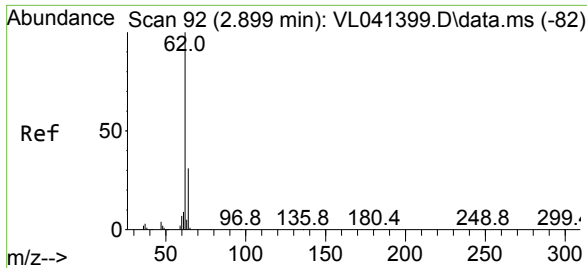
Tgt Ion: 51 Resp: 1263797
Ion Ratio Lower Upper
51 100
67 17.8 14.5 21.7



#4
Chloromethane
Concen: 9.288 ppbv
RT: 2.796 min Scan# 60
Delta R.T. 0.006 min
Lab File: VL041418.D
Acq: 26 Jul 2024 12:45

Tgt Ion: 50 Resp: 668932
Ion Ratio Lower Upper
50 100
52 34.9 26.1 39.1

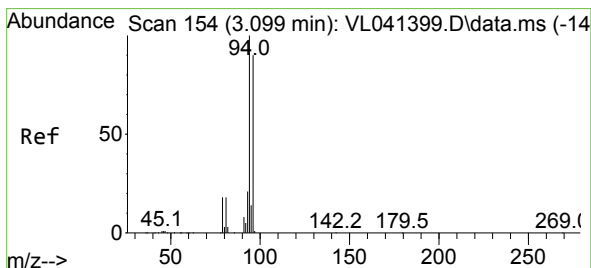
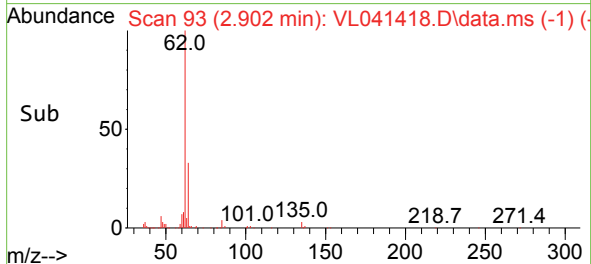
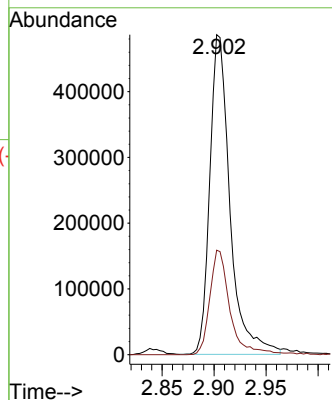
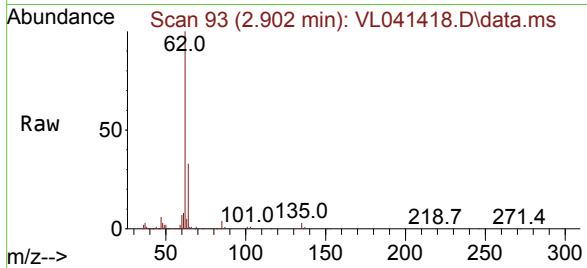




#5
 Vinyl Chloride
 Concen: 9.245 ppbv
 RT: 2.902 min Scan# 91
 Delta R.T. 0.003 min
 Lab File: VL041418.D
 Acq: 26 Jul 2024 12:45

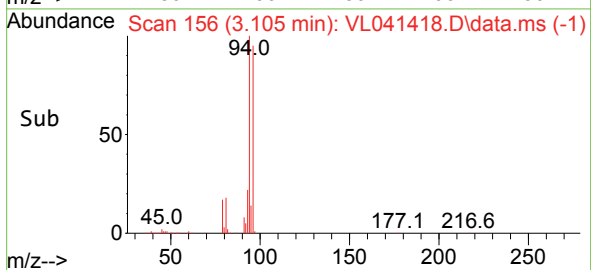
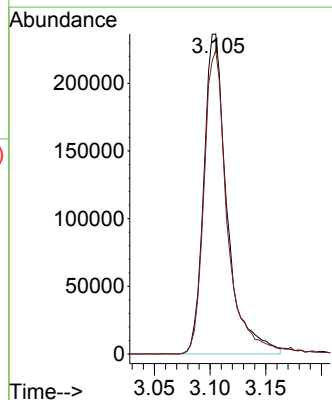
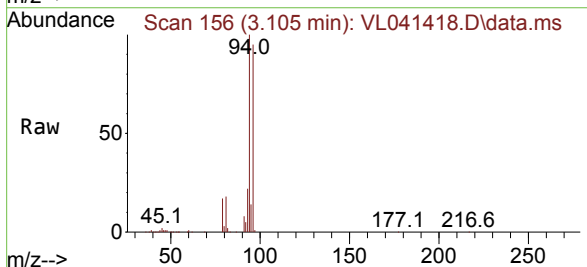
Instrument :
 MSVOA_L
 ClientSampleId :

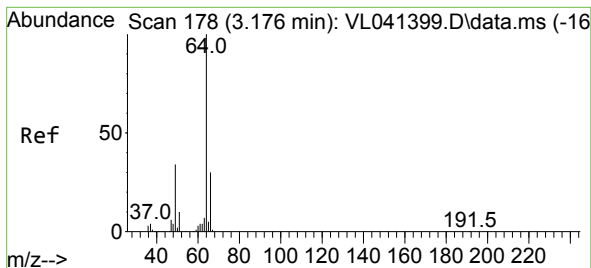
Tgt Ion: 62 Resp: 656261
 Ion Ratio Lower Upper
 62 100
 64 32.7 25.0 37.4



#6
 Bromomethane
 Concen: 9.429 ppbv
 RT: 3.105 min Scan# 156
 Delta R.T. 0.006 min
 Lab File: VL041418.D
 Acq: 26 Jul 2024 12:45

Tgt Ion: 94 Resp: 344030
 Ion Ratio Lower Upper
 94 100
 96 94.8 72.3 108.5





#7

Chloroethane

Concen: 9.599 ppbv

RT: 3.182 min Scan# 11

Delta R.T. 0.006 min

Lab File: VL041418.D

Acq: 26 Jul 2024 12:45

Instrument :

MSVOA_L

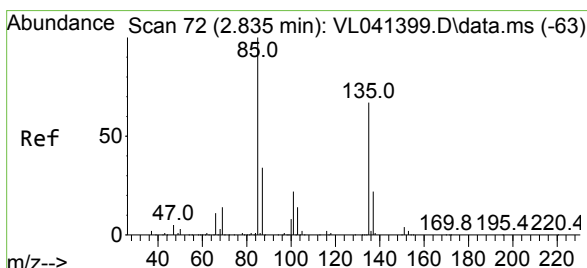
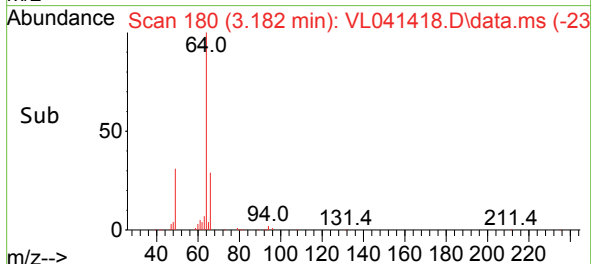
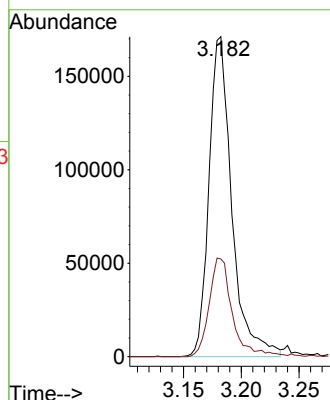
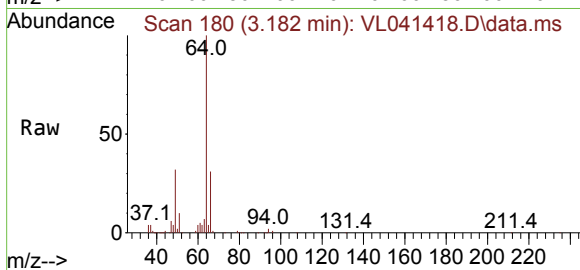
ClientSampleId :

Tgt Ion: 64 Resp: 235176

Ion Ratio Lower Upper

64 100

66 30.6 24.2 36.2



#8

Dichlorotetrafluoroethane

Concen: 9.348 ppbv

RT: 2.841 min Scan# 74

Delta R.T. 0.006 min

Lab File: VL041418.D

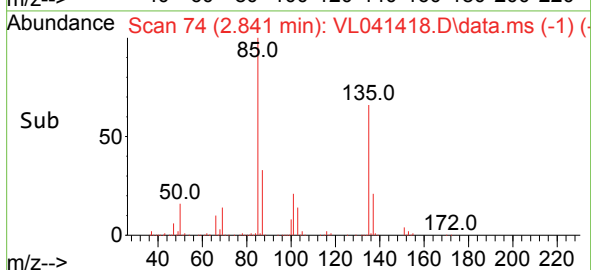
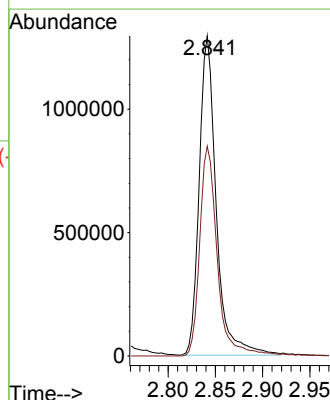
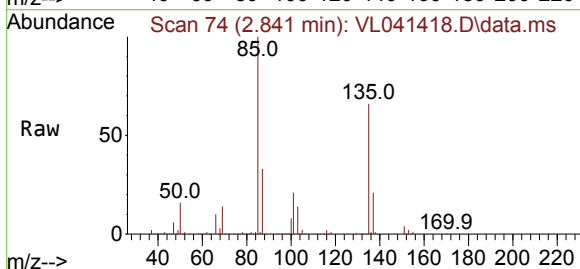
Acq: 26 Jul 2024 12:45

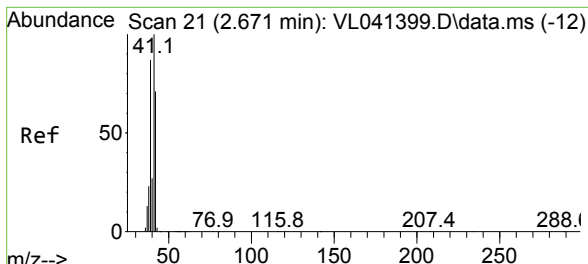
Tgt Ion: 85 Resp: 1620724

Ion Ratio Lower Upper

85 100

135 68.3 55.4 83.0

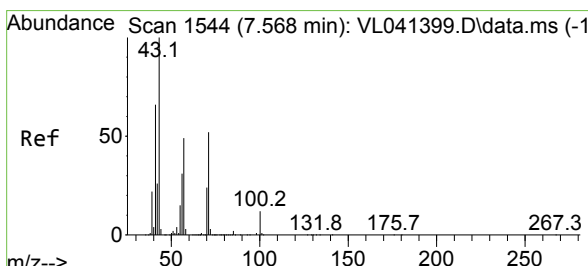
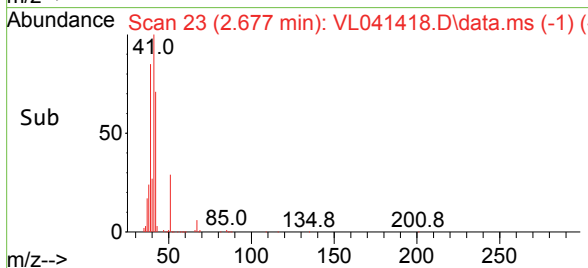
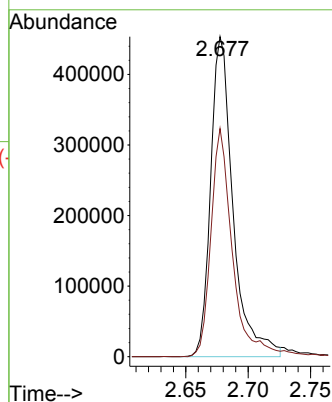
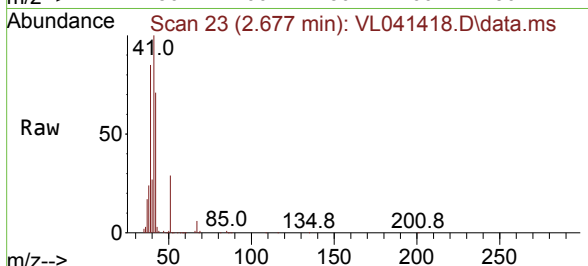




#9
 Propene
 Concen: 9.131 ppbv
 RT: 2.677 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: VL041418.D
 Acq: 26 Jul 2024 12:45

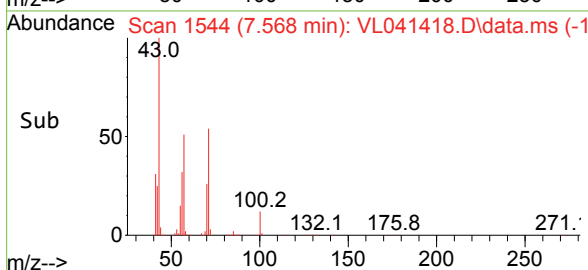
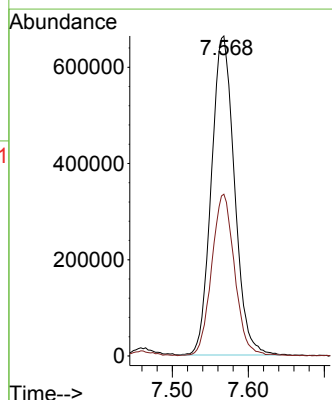
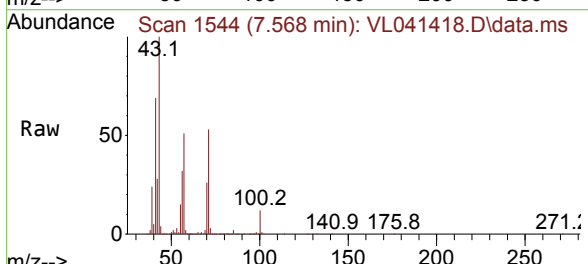
Instrument :
 MSVOA_L
 ClientSampleId :

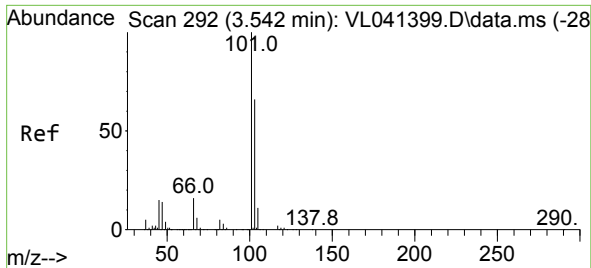
Tgt Ion: 41 Resp: 567993
 Ion Ratio Lower Upper
 41 100
 42 69.7 55.9 83.9



#10
 Heptane
 Concen: 10.020 ppbv
 RT: 7.568 min Scan# 1544
 Delta R.T. -0.000 min
 Lab File: VL041418.D
 Acq: 26 Jul 2024 12:45

Tgt Ion: 43 Resp: 1400354
 Ion Ratio Lower Upper
 43 100
 57 50.2 40.5 60.7

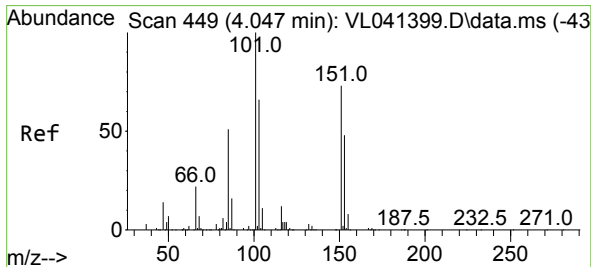
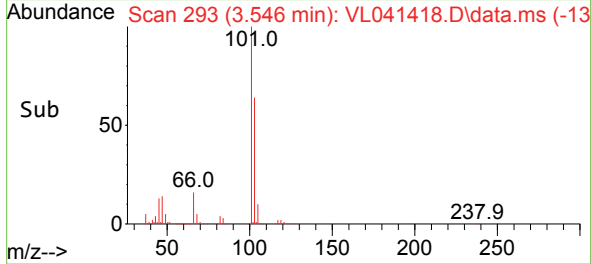
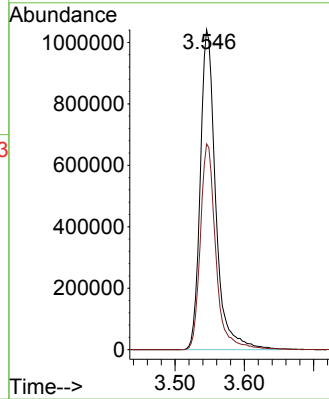
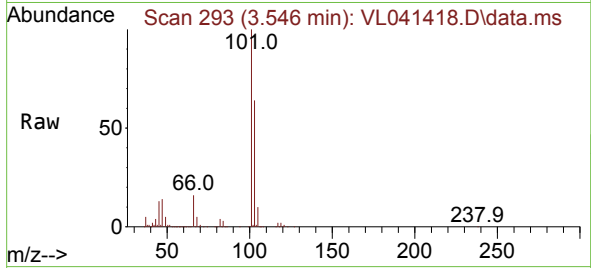




#11
 Trichlorofluoromethane
 Concen: 9.271 ppbv
 RT: 3.546 min Scan# 292
 Delta R.T. 0.003 min
 Lab File: VL041418.D
 Acq: 26 Jul 2024 12:45

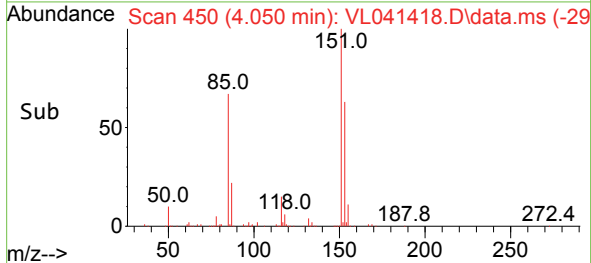
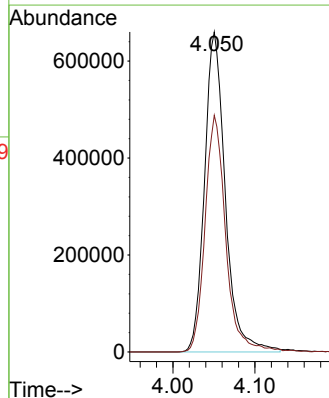
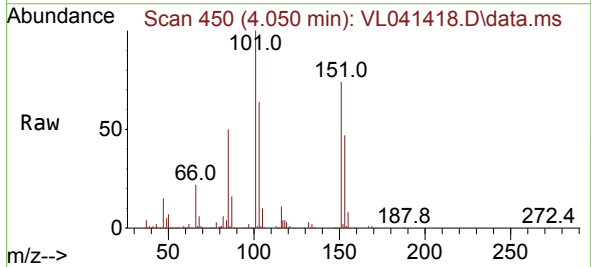
Instrument :
 MSVOA_L
 ClientSampleId :

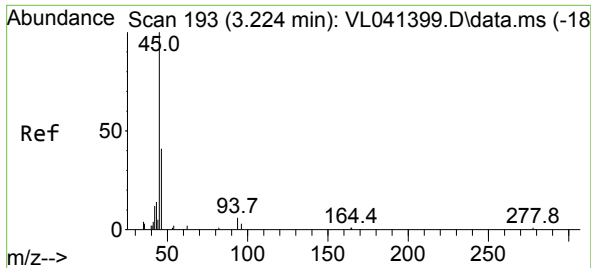
Tgt Ion:101 Resp: 1611204
 Ion Ratio Lower Upper
 101 100
 103 64.3 52.6 79.0



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 9.277 ppbv
 RT: 4.050 min Scan# 450
 Delta R.T. 0.003 min
 Lab File: VL041418.D
 Acq: 26 Jul 2024 12:45

Tgt Ion:101 Resp: 1160901
 Ion Ratio Lower Upper
 101 100
 151 74.0 59.4 89.2

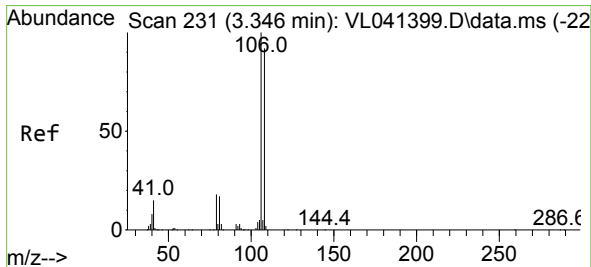
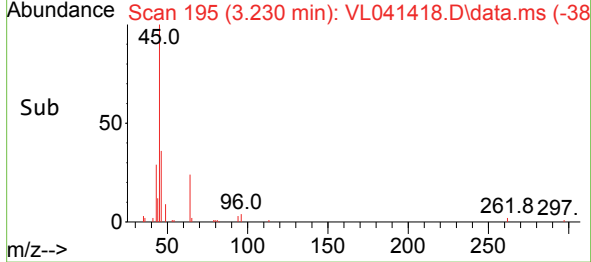
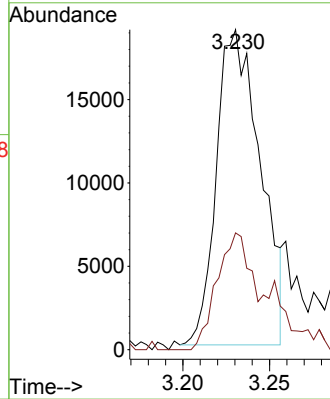
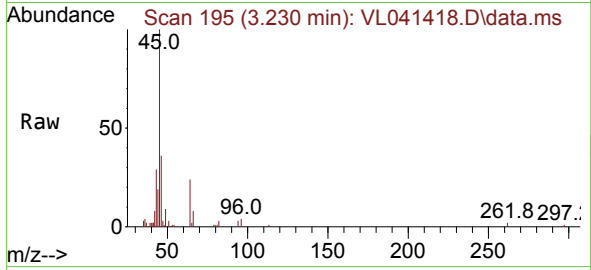




#13
Ethanol
Concen: 5.991 ppbv
RT: 3.230 min Scan# 193
Delta R.T. 0.006 min
Lab File: VL041418.D
Acq: 26 Jul 2024 12:45

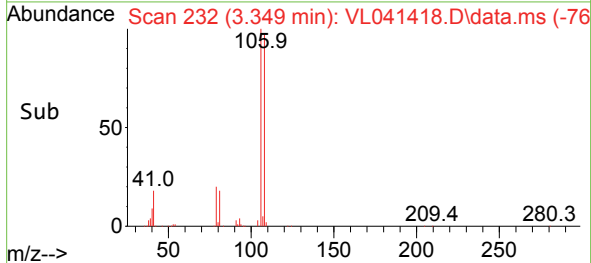
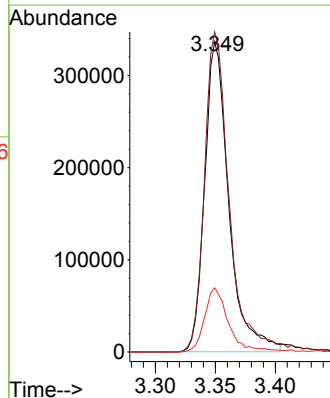
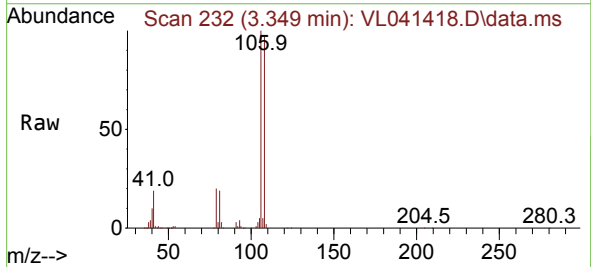
Instrument :
MSVOA_L
ClientSampleId :

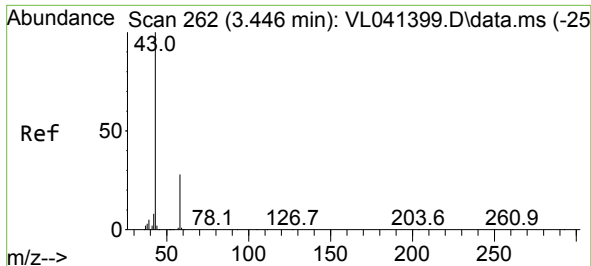
Tgt Ion: 45 Resp: 33307
Ion Ratio Lower Upper
45 100
46 41.5 13.4 53.4



#14
Bromoethene
Concen: 9.667 ppbv
RT: 3.349 min Scan# 232
Delta R.T. 0.003 min
Lab File: VL041418.D
Acq: 26 Jul 2024 12:45

Tgt Ion: 108 Resp: 471598
Ion Ratio Lower Upper
108 100
106 107.7 86.9 130.3
79 20.7 16.2 24.4

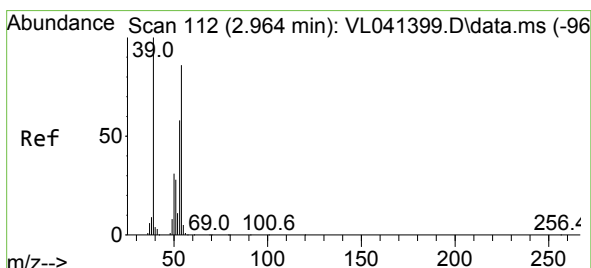
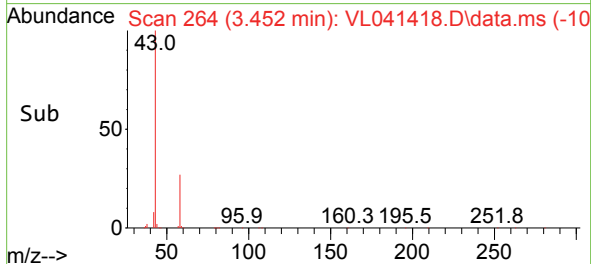
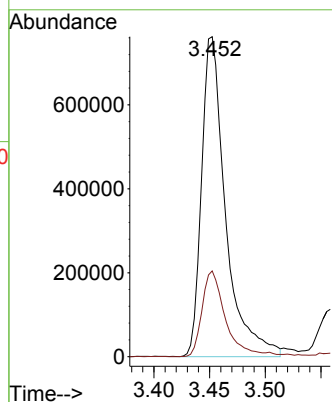
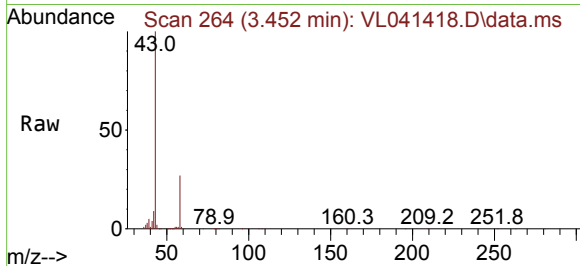




#15
Acetone
Concen: 8.865 ppbv
RT: 3.452 min Scan# 20
Delta R.T. 0.006 min
Lab File: VL041418.D
Acq: 26 Jul 2024 12:45

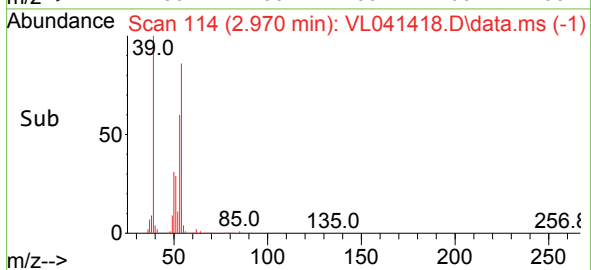
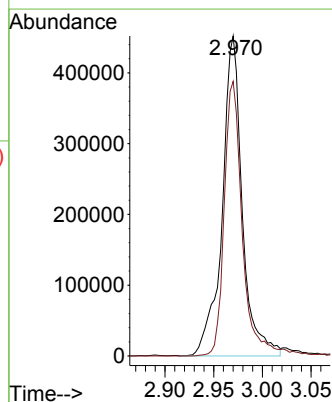
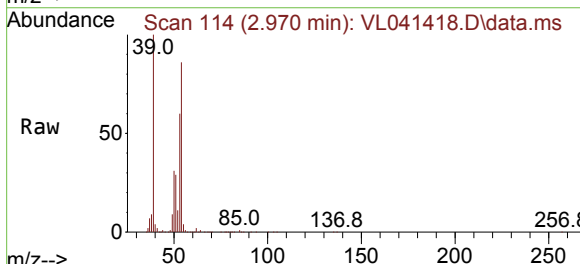
Instrument :
MSVOA_L
ClientSampleId :

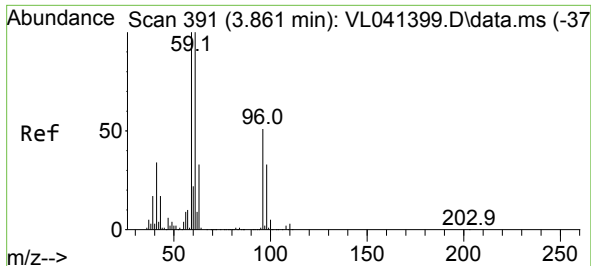
Tgt Ion: 43 Resp: 1145750
Ion Ratio Lower Upper
43 100
58 26.7 21.4 32.2



#16
1,3-Butadiene
Concen: 9.420 ppbv
RT: 2.970 min Scan# 114
Delta R.T. 0.006 min
Lab File: VL041418.D
Acq: 26 Jul 2024 12:45

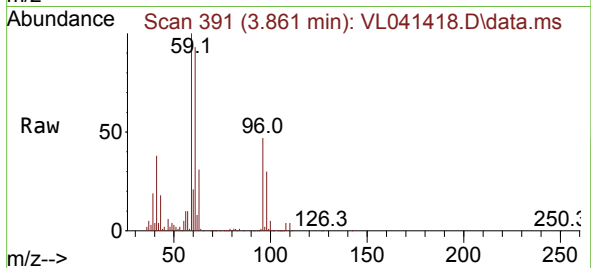
Tgt Ion: 39 Resp: 650447
Ion Ratio Lower Upper
39 100
54 78.3 62.5 93.7



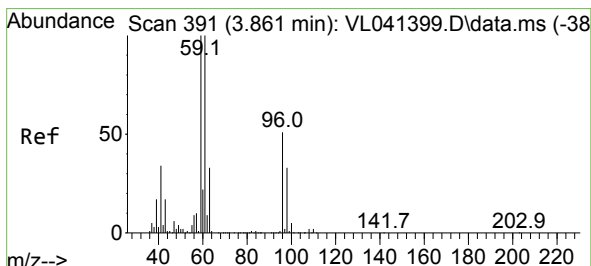
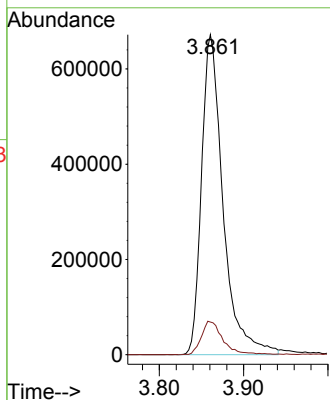
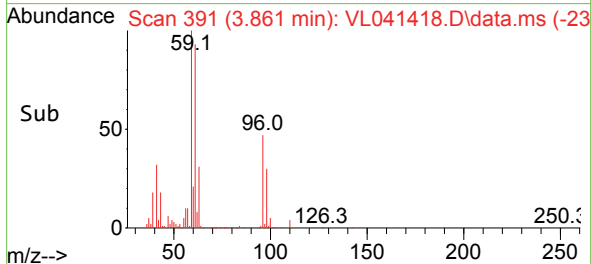


#17
tert-Butyl alcohol
Concen: 10.139 ppbv
RT: 3.861 min Scan# 391
Delta R.T. -0.000 min
Lab File: VL041418.D
Acq: 26 Jul 2024 12:45

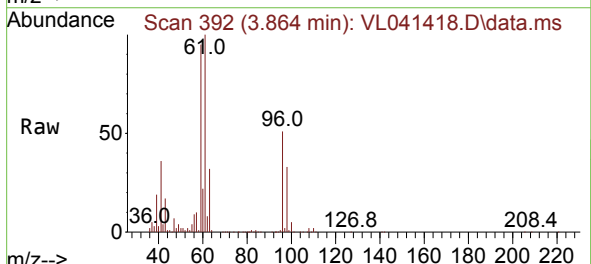
Instrument :
MSVOA_L
ClientSampleId :



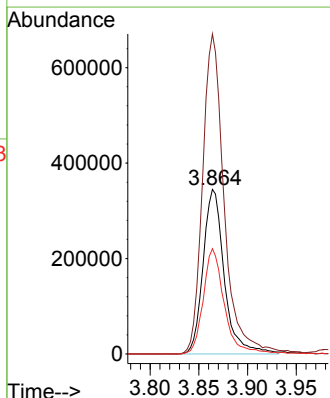
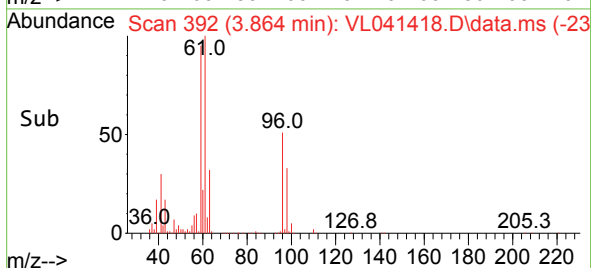
Tgt Ion: 59 Resp: 1195023
Ion Ratio Lower Upper
59 100
57 10.6 8.6 12.8

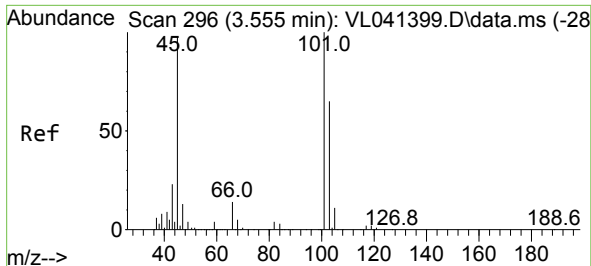


#18
1,1-Dichloroethene
Concen: 9.750 ppbv
RT: 3.864 min Scan# 392
Delta R.T. 0.003 min
Lab File: VL041418.D
Acq: 26 Jul 2024 12:45



Tgt Ion: 96 Resp: 521929
Ion Ratio Lower Upper
96 100
61 194.4 157.5 236.3
98 63.9 51.2 76.8

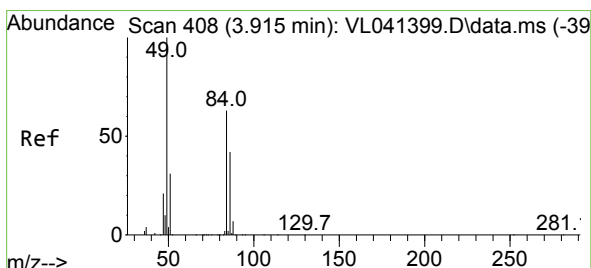
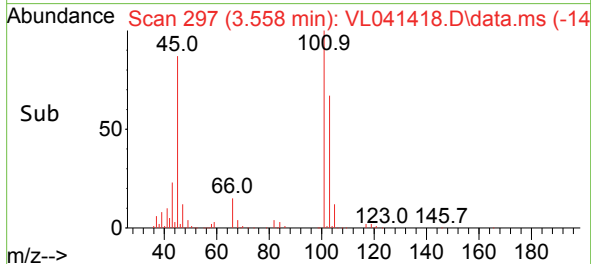
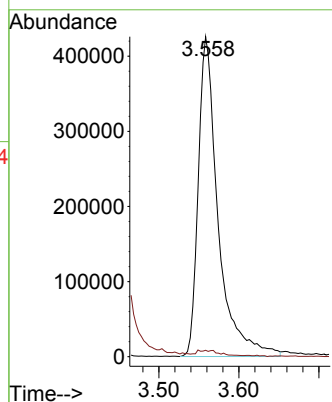
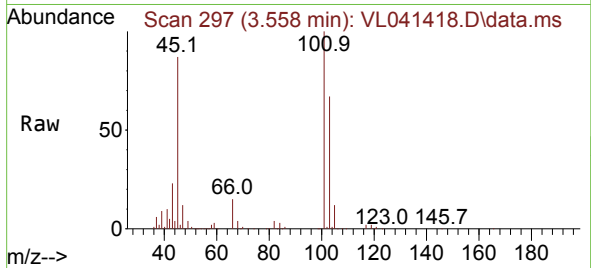




#19
Isopropyl Alcohol
Concen: 9.723 ppbv
RT: 3.558 min Scan# 296
Delta R.T. 0.003 min
Lab File: VL041418.D
Acq: 26 Jul 2024 12:45

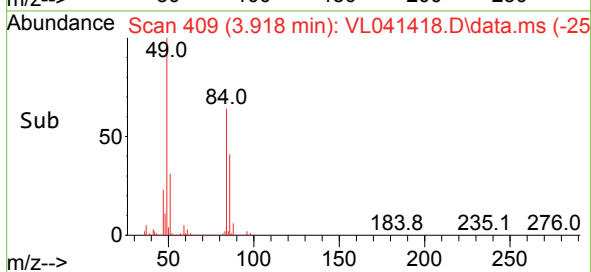
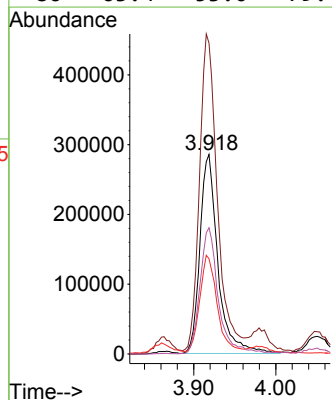
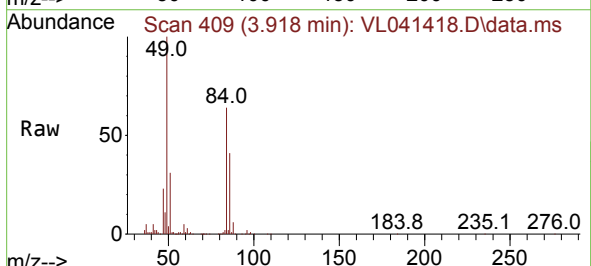
Instrument :
MSVOA_L
ClientSampleId :

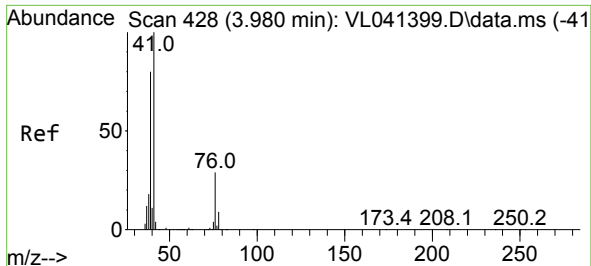
Tgt Ion: 45 Resp: 734617
Ion Ratio Lower Upper
45 100
58 2.7 1.9 2.9



#20
Methylene Chloride
Concen: 9.025 ppbv
RT: 3.918 min Scan# 409
Delta R.T. 0.003 min
Lab File: VL041418.D
Acq: 26 Jul 2024 12:45

Tgt Ion: 84 Resp: 434940
Ion Ratio Lower Upper
84 100
49 154.4 126.6 190.0
51 46.7 38.6 58.0
86 63.4 53.0 79.4

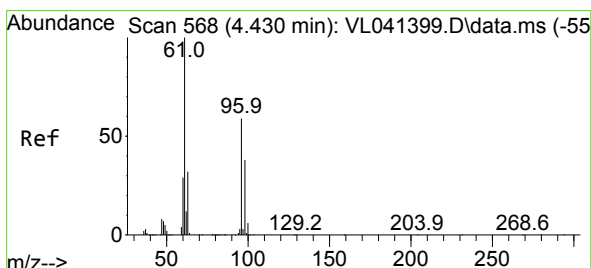
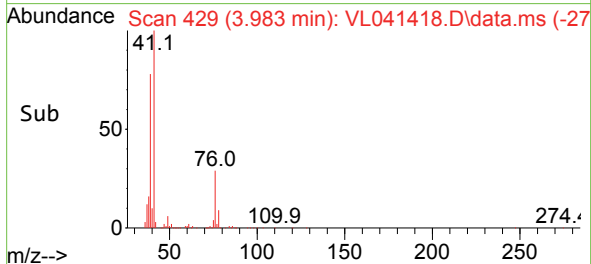
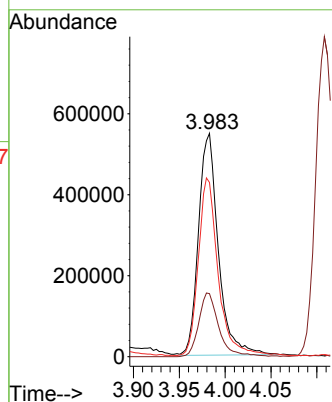
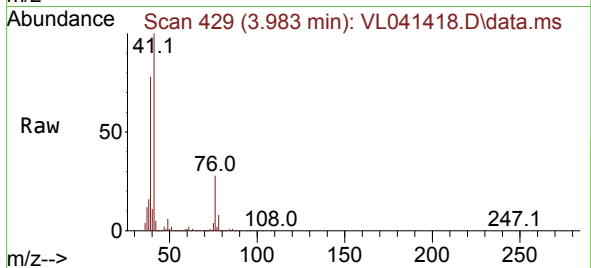




#21
 Allyl Chloride
 Concen: 9.747 ppbv
 RT: 3.983 min Scan# 41
 Delta R.T. 0.003 min
 Lab File: VL041418.D
 Acq: 26 Jul 2024 12:45

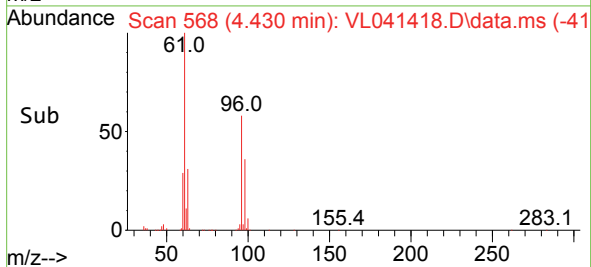
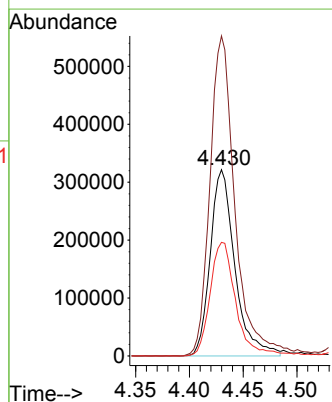
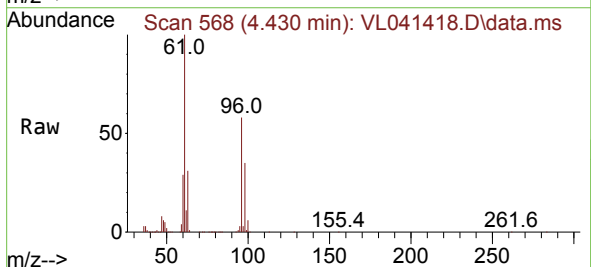
Instrument :
 MSVOA_L
 ClientSampleId :

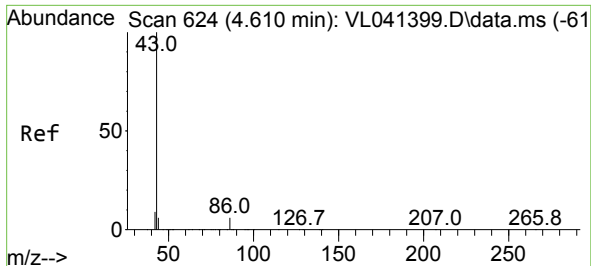
Tgt Ion: 41 Resp: 826146
 Ion Ratio Lower Upper
 41 100
 76 29.2 23.7 35.5
 39 80.3 64.3 96.5



#22
 trans-1,2-Dichloroethene
 Concen: 9.591 ppbv
 RT: 4.430 min Scan# 568
 Delta R.T. -0.000 min
 Lab File: VL041418.D
 Acq: 26 Jul 2024 12:45

Tgt Ion: 96 Resp: 513313
 Ion Ratio Lower Upper
 96 100
 61 171.9 135.4 203.2
 98 60.9 51.0 76.4



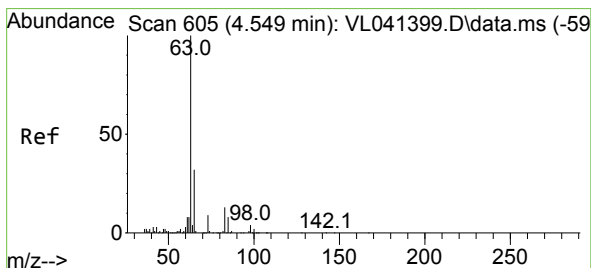
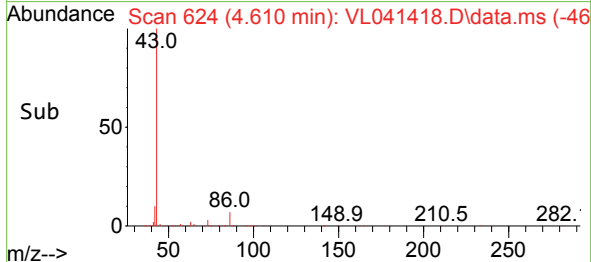
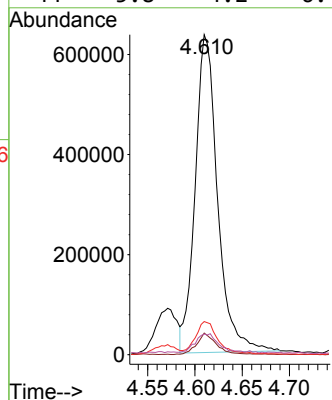
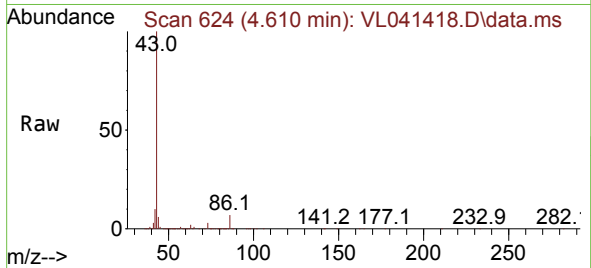


#23
 Vinyl Acetate
 Concen: 10.609 ppbv
 RT: 4.610 min Scan# 61
 Delta R.T. -0.000 min
 Lab File: VL041418.D
 Acq: 26 Jul 2024 12:45

Instrument :
 MSVOA_L
 ClientSampleId :

Tgt Ion: 43 Resp: 1047105

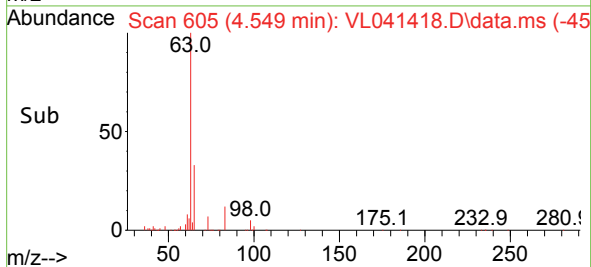
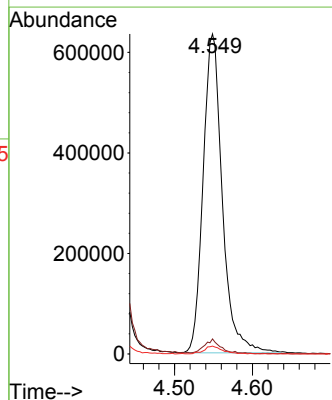
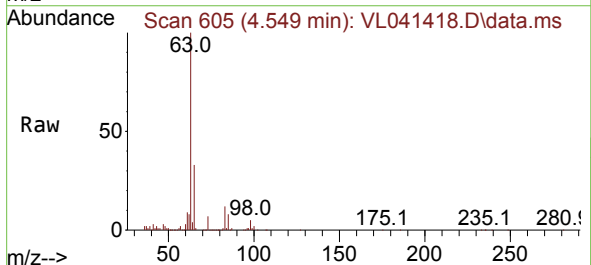
Ion	Ratio	Lower	Upper
43	100		
86	6.7	4.6	6.8
42	10.3	7.9	11.9
44	5.8	4.2	6.4

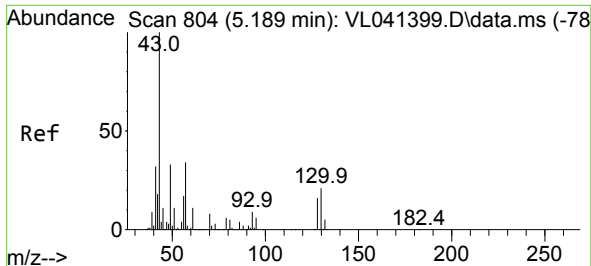


#24
 1,1-Dichloroethane
 Concen: 9.341 ppbv
 RT: 4.549 min Scan# 605
 Delta R.T. -0.000 min
 Lab File: VL041418.D
 Acq: 26 Jul 2024 12:45

Tgt Ion: 63 Resp: 1085602

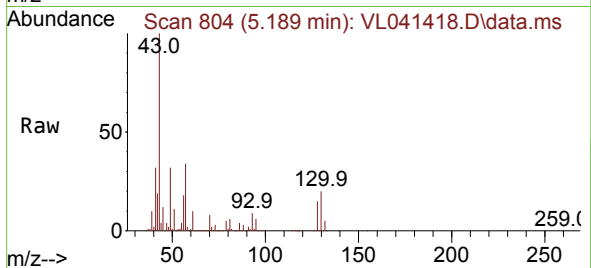
Ion	Ratio	Lower	Upper
63	100		
98	4.6	2.0	6.0
100	2.3	1.2	3.6





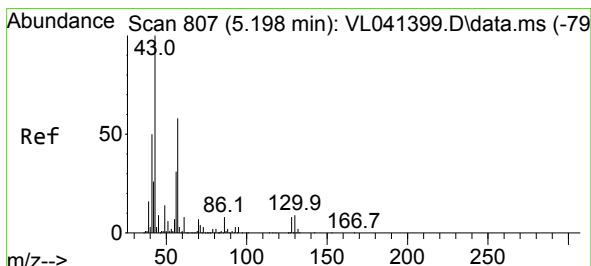
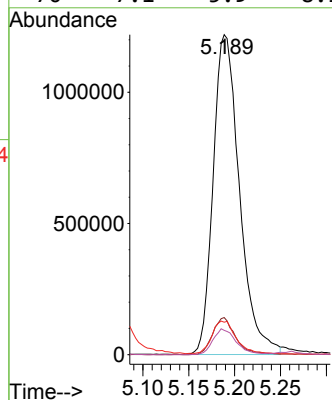
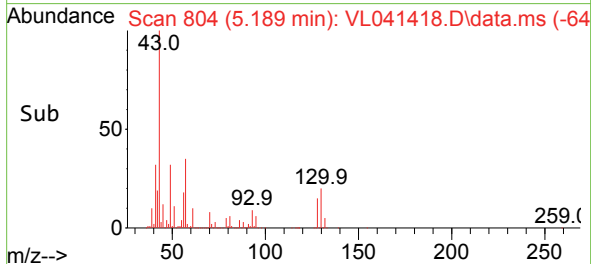
#25
Ethyl Acetate
Concen: 9.488 ppbv
RT: 5.189 min Scan# 804
Delta R.T. -0.000 min
Lab File: VL041418.D
Acq: 26 Jul 2024 12:45

Instrument :
MSVOA_L
ClientSampleId :

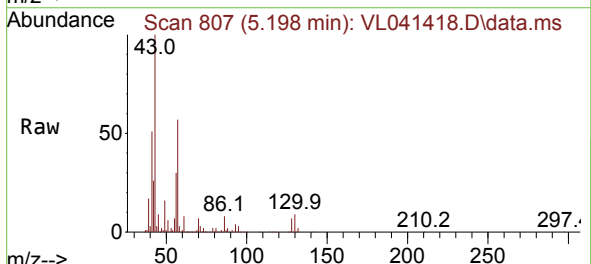


Tgt Ion: 43 Resp: 2435951

Ion	Ratio	Lower	Upper
43	100		
45	10.5	8.5	12.7
61	10.1	8.0	12.0
70	7.1	5.9	8.9

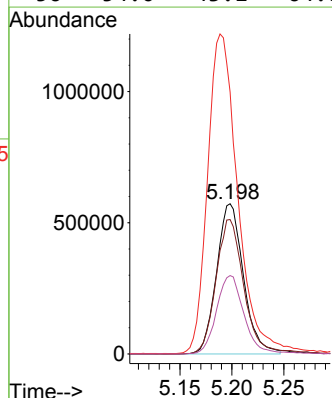
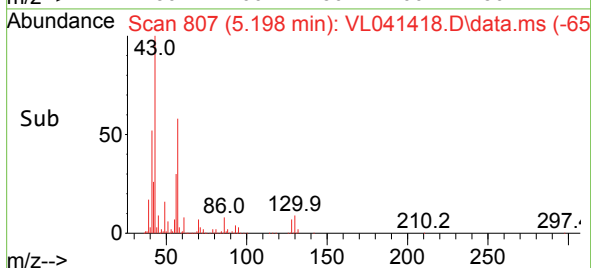


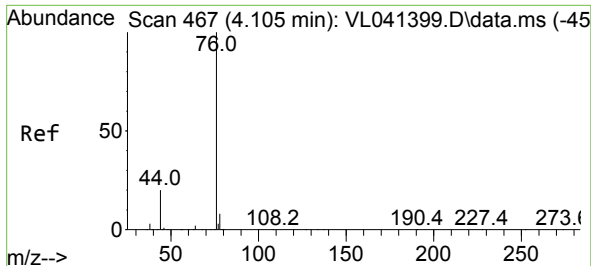
#26
Hexane
Concen: 9.660 ppbv
RT: 5.198 min Scan# 807
Delta R.T. -0.000 min
Lab File: VL041418.D
Acq: 26 Jul 2024 12:45



Tgt Ion: 57 Resp: 1028862

Ion	Ratio	Lower	Upper
57	100		
41	93.9	74.0	111.0
43	241.2	193.6	290.4
56	54.0	43.1	64.7





#27

Carbon Disulfide

Concen: 9.785 ppbv

RT: 4.108 min Scan# 4

Delta R.T. 0.003 min

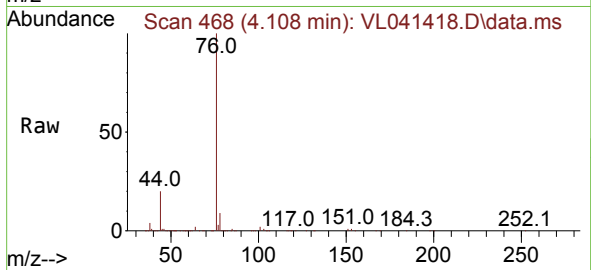
Lab File: VL041418.D

Acq: 26 Jul 2024 12:45

Instrument :

MSVOA_L

ClientSampleId :



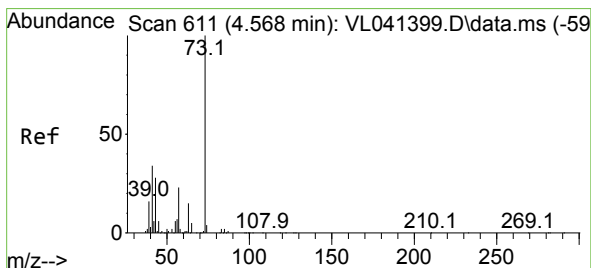
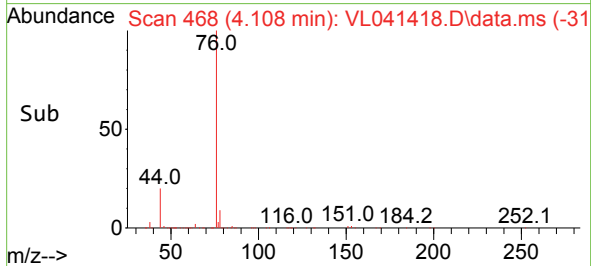
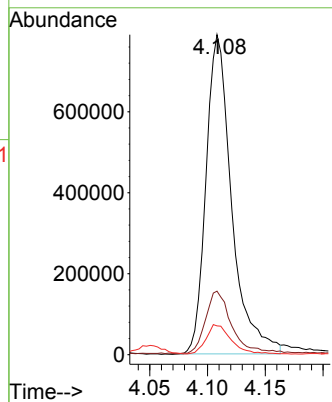
Tgt Ion: 76 Resp: 1219200

Ion	Ratio	Lower	Upper
-----	-------	-------	-------

76	100		
----	-----	--	--

44	20.3	15.6	23.4
----	------	------	------

78	9.6	7.7	11.5
----	-----	-----	------



#28

Methyl tert-Butyl Ether

Concen: 9.438 ppbv

RT: 4.571 min Scan# 612

Delta R.T. 0.003 min

Lab File: VL041418.D

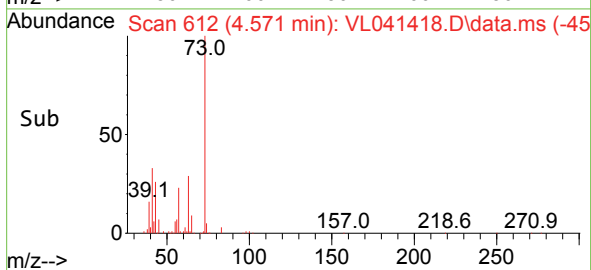
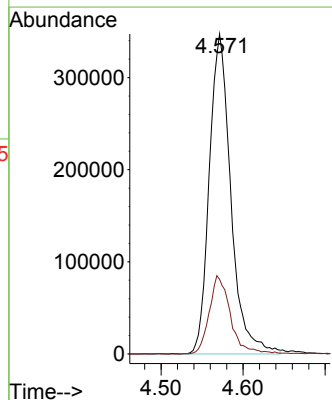
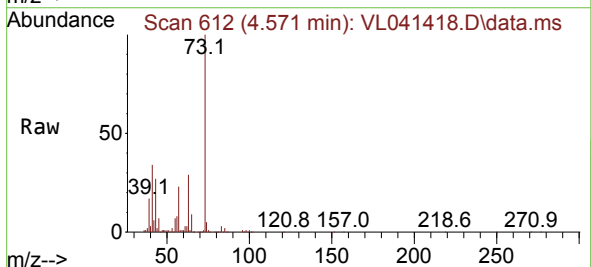
Acq: 26 Jul 2024 12:45

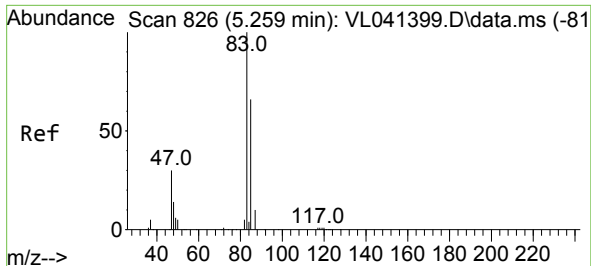
Tgt Ion: 73 Resp: 633929

Ion	Ratio	Lower	Upper
-----	-------	-------	-------

73	100		
----	-----	--	--

57	24.3	18.9	28.3
----	------	------	------





#29

Chloroform

Concen: 9.369 ppbv

RT: 5.259 min Scan# 81

Delta R.T. -0.000 min

Lab File: VL041418.D

Acq: 26 Jul 2024 12:45

Instrument :

MSVOA_L

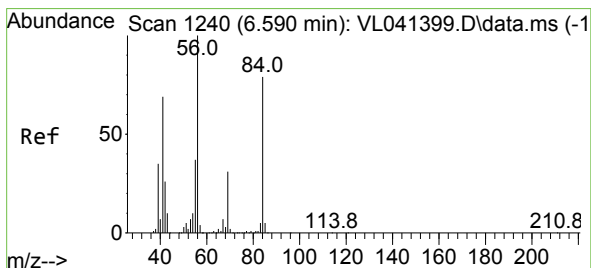
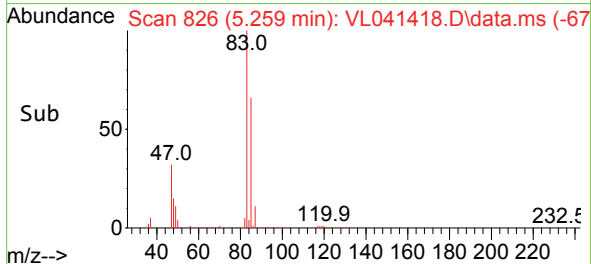
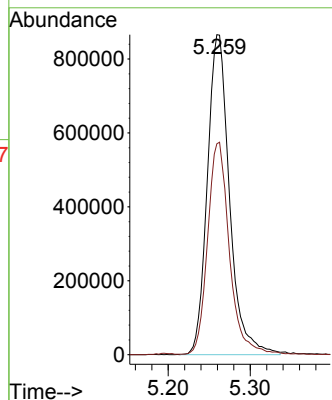
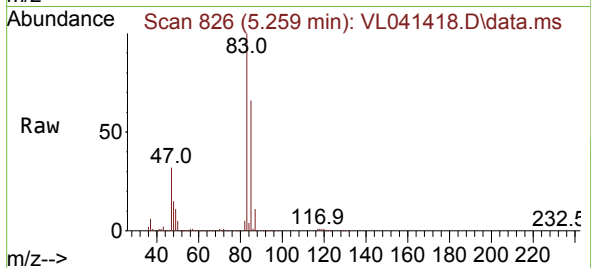
ClientSampleId :

Tgt Ion: 83 Resp: 1627641

Ion Ratio Lower Upper

83 100

85 65.8 53.1 79.7



#30

Cyclohexane

Concen: 10.398 ppbv

RT: 6.587 min Scan# 1239

Delta R.T. -0.003 min

Lab File: VL041418.D

Acq: 26 Jul 2024 12:45

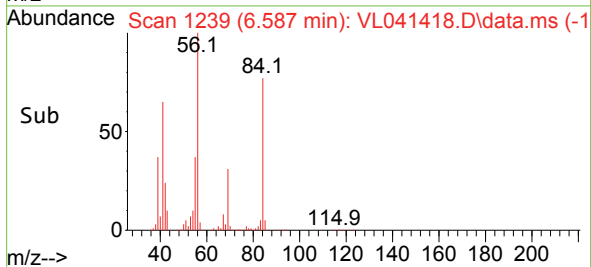
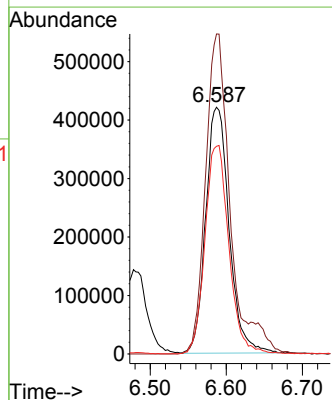
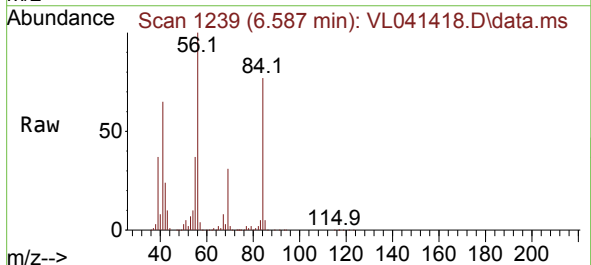
Tgt Ion: 84 Resp: 901886

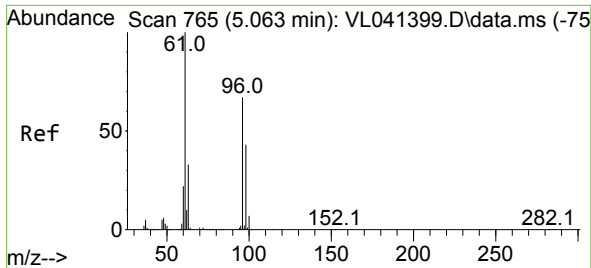
Ion Ratio Lower Upper

84 100

56 137.3 111.2 166.8

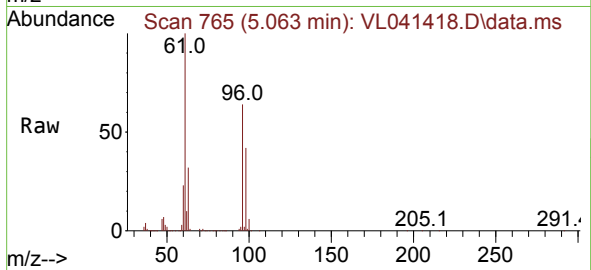
41 86.2 70.3 105.5





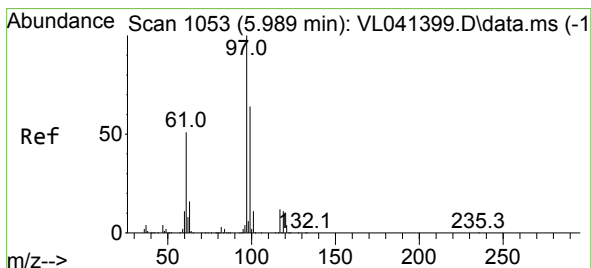
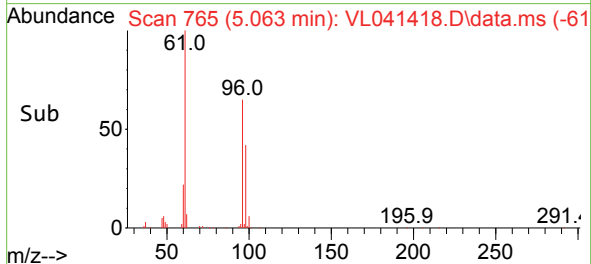
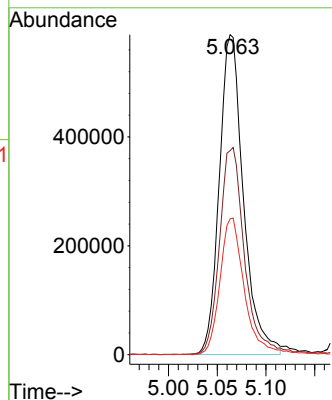
#31
cis-1,2-Dichloroethene
Concen: 9.619 ppbv
RT: 5.063 min Scan# 765
Delta R.T. -0.000 min
Lab File: VL041418.D
Acq: 26 Jul 2024 12:45

Instrument :
MSVOA_L
ClientSampleId :



Tgt Ion: 61 Resp: 1012059

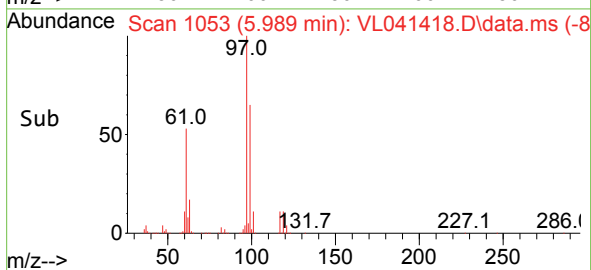
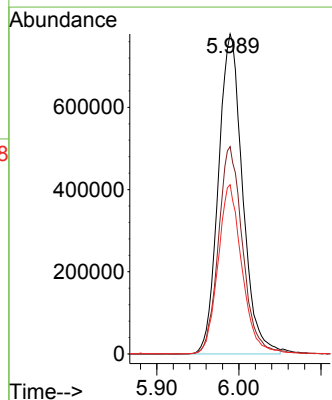
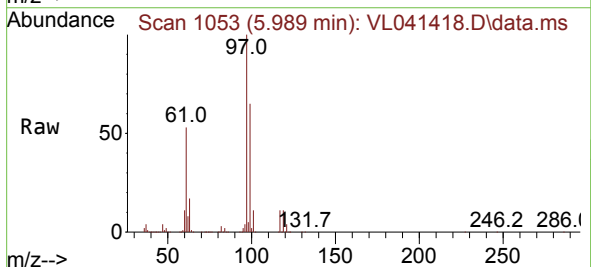
Ion	Ratio	Lower	Upper
61	100		
96	63.7	53.4	80.2
98	42.4	34.4	51.6

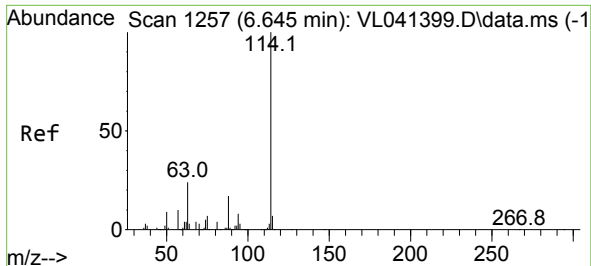


#32
1,1,1-Trichloroethane
Concen: 9.417 ppbv
RT: 5.989 min Scan# 1053
Delta R.T. -0.000 min
Lab File: VL041418.D
Acq: 26 Jul 2024 12:45

Tgt Ion: 97 Resp: 1592542

Ion	Ratio	Lower	Upper
97	100		
99	65.4	52.0	78.0
61	52.9	41.8	62.8





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.642 min Scan# 114

Delta R.T. -0.003 min

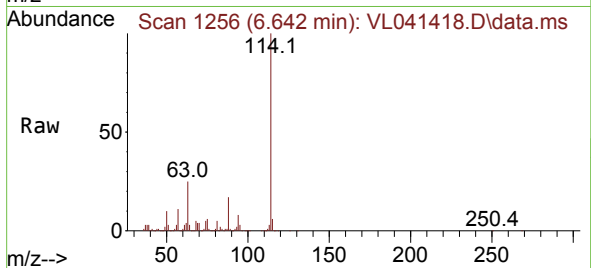
Lab File: VL041418.D

Acq: 26 Jul 2024 12:45

Instrument :

MSVOA_L

ClientSampleId :



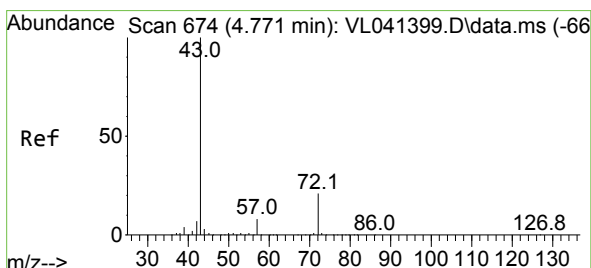
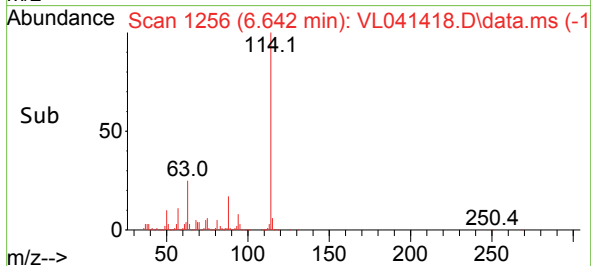
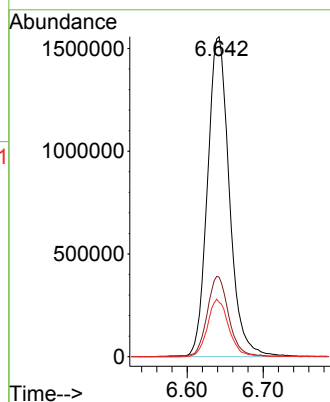
Tgt Ion:114 Resp: 3106729

Ion Ratio Lower Upper

114 100

63 25.3 20.3 30.5

88 17.6 14.3 21.5



#34

2-Butanone

Concen: 9.733 ppbv

RT: 4.771 min Scan# 674

Delta R.T. -0.000 min

Lab File: VL041418.D

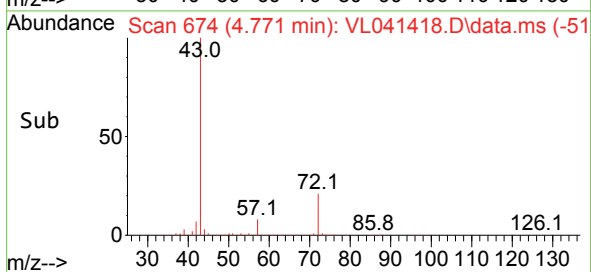
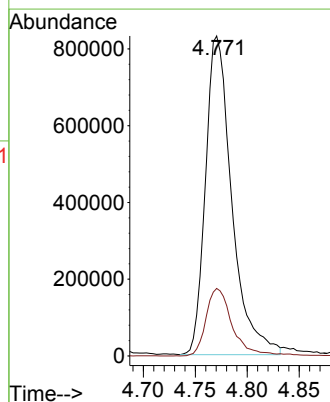
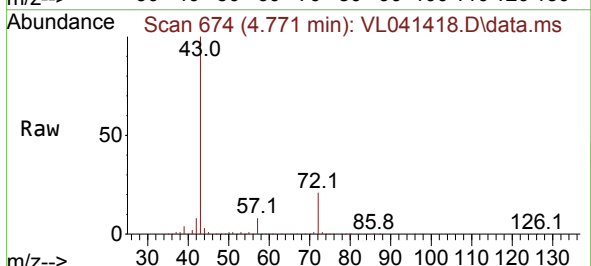
Acq: 26 Jul 2024 12:45

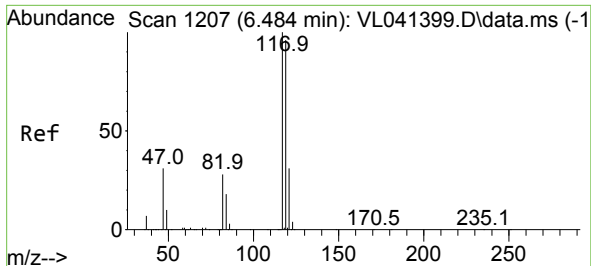
Tgt Ion: 43 Resp: 1462654

Ion Ratio Lower Upper

43 100

72 21.5 17.3 25.9

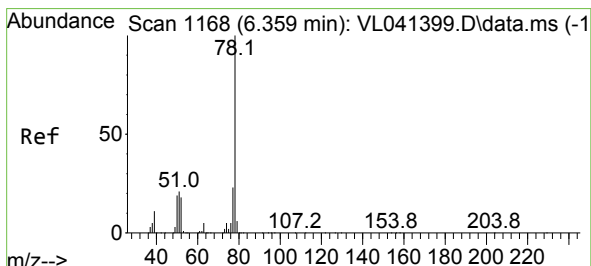
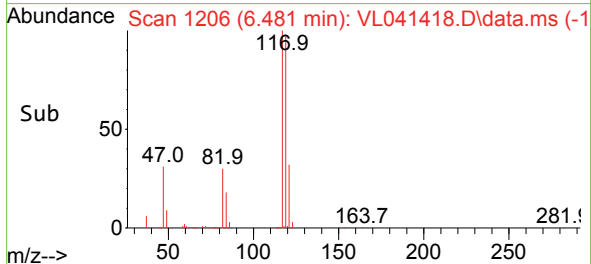
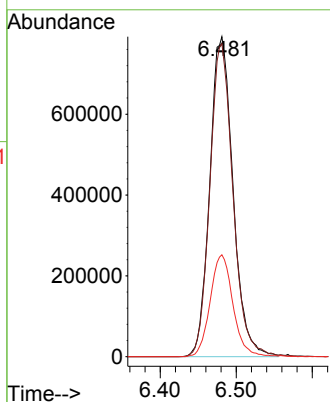
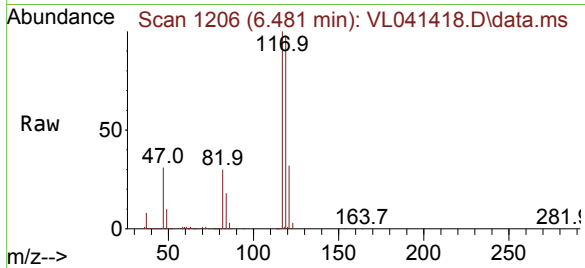




#35
Carbon Tetrachloride
Concen: 9.823 ppbv
RT: 6.481 min Scan# 1167
Delta R.T. -0.003 min
Lab File: VL041418.D
Acq: 26 Jul 2024 12:45

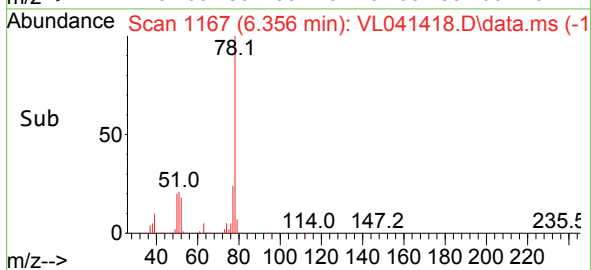
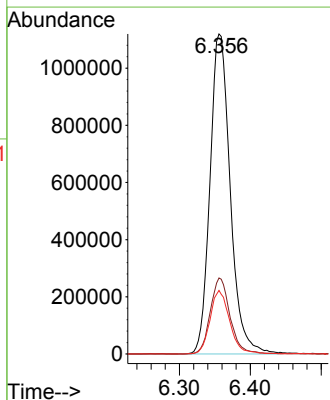
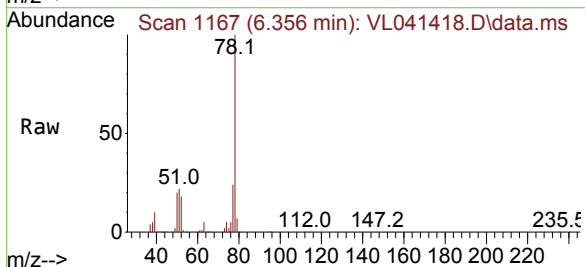
Instrument :
MSVOA_L
ClientSampleId :

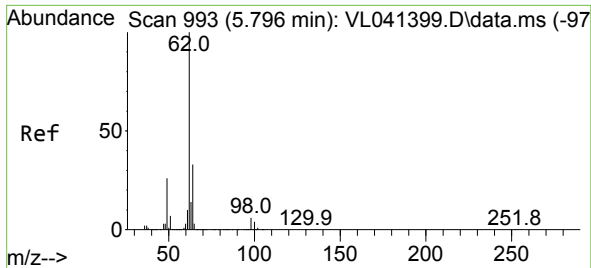
Tgt Ion:117 Resp: 1683189
Ion Ratio Lower Upper
117 100
119 97.8 76.6 115.0
121 31.9 25.1 37.7



#36
Benzene
Concen: 9.797 ppbv
RT: 6.356 min Scan# 1167
Delta R.T. -0.003 min
Lab File: VL041418.D
Acq: 26 Jul 2024 12:45

Tgt Ion: 78 Resp: 2223928
Ion Ratio Lower Upper
78 100
77 23.7 18.1 27.1
50 19.9 15.5 23.3





#37

1,2-Dichloroethane

Concen: 9.836 ppbv

RT: 5.793 min Scan# 993

Delta R.T. -0.003 min

Lab File: VL041418.D

Acq: 26 Jul 2024 12:45

Instrument :

MSVOA_L

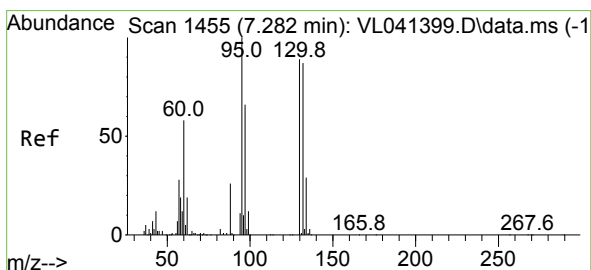
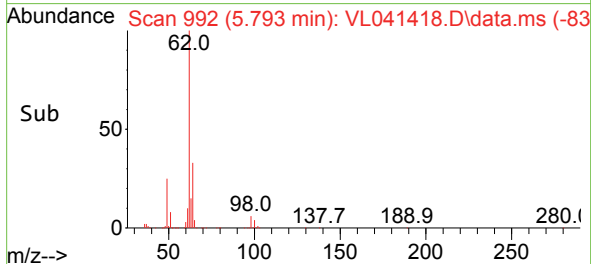
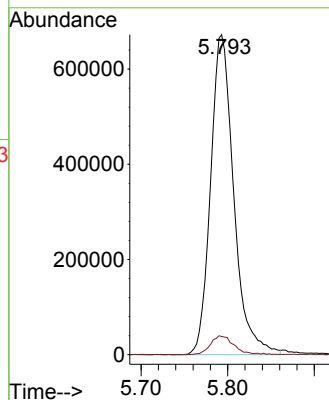
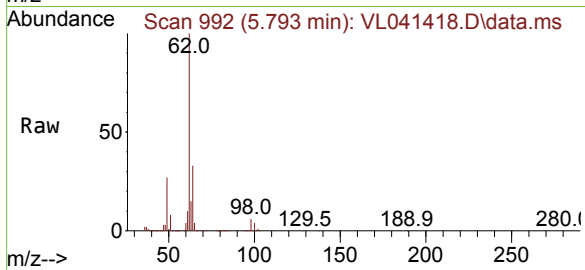
ClientSampleId :

Tgt Ion: 62 Resp: 1249719

Ion Ratio Lower Upper

62 100

98 6.2 5.0 7.4



#38

Trichloroethene

Concen: 9.570 ppbv

RT: 7.278 min Scan# 1454

Delta R.T. -0.003 min

Lab File: VL041418.D

Acq: 26 Jul 2024 12:45

Tgt Ion:130 Resp: 995320

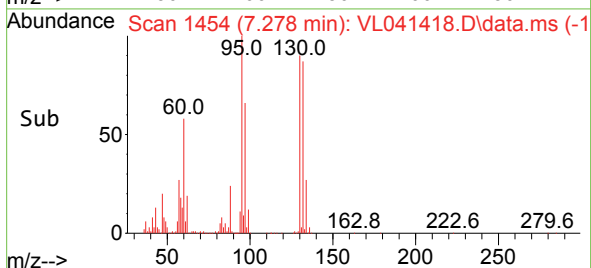
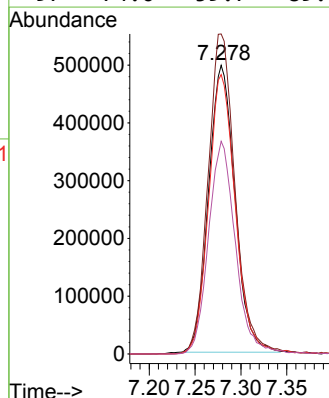
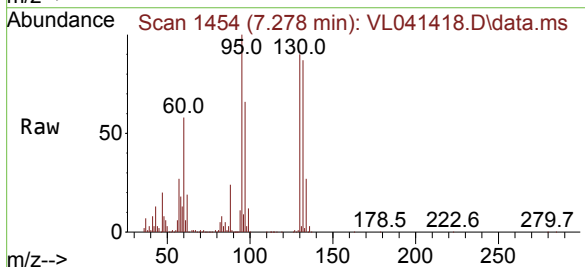
Ion Ratio Lower Upper

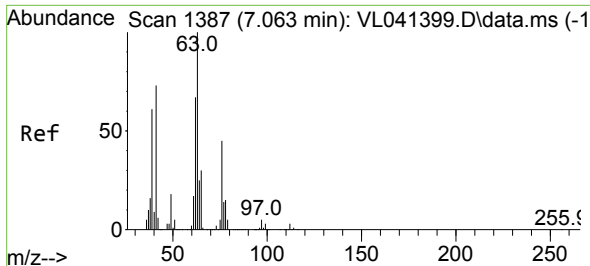
130 100

95 111.2 90.2 135.2

132 97.1 78.1 117.1

97 74.0 59.7 89.5





#39

1,2-Dichloropropane

Concen: 9.847 ppbv

RT: 7.063 min Scan# 11

Delta R.T. -0.000 min

Lab File: VL041418.D

Acq: 26 Jul 2024 12:45

Instrument :

MSVOA_L

ClientSampleId :

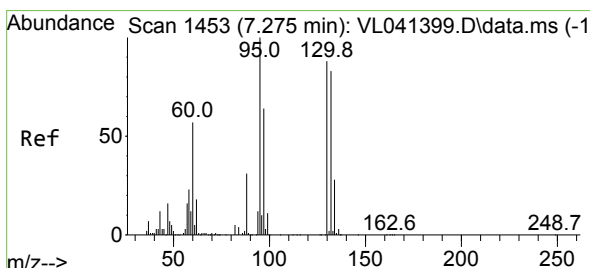
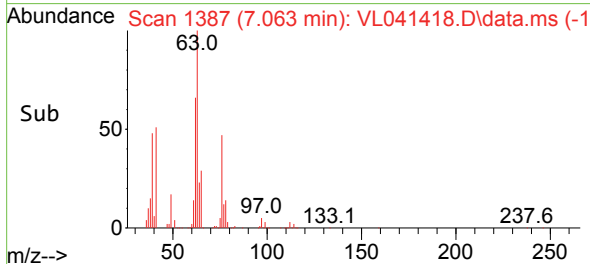
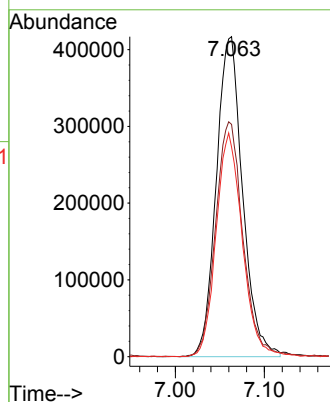
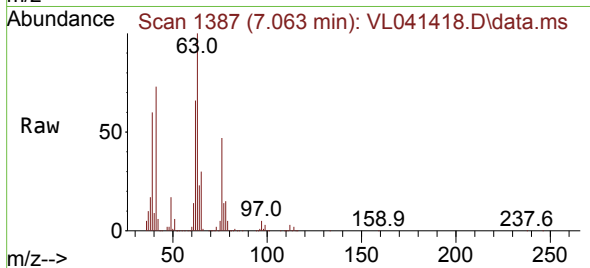
Tgt Ion: 63 Resp: 855808

Ion Ratio Lower Upper

63 100

41 72.5 58.3 87.5

62 65.5 53.9 80.9



#40

1,4-Dioxane

Concen: 9.530 ppbv

RT: 7.269 min Scan# 1451

Delta R.T. -0.006 min

Lab File: VL041418.D

Acq: 26 Jul 2024 12:45

Tgt Ion: 88 Resp: 332729

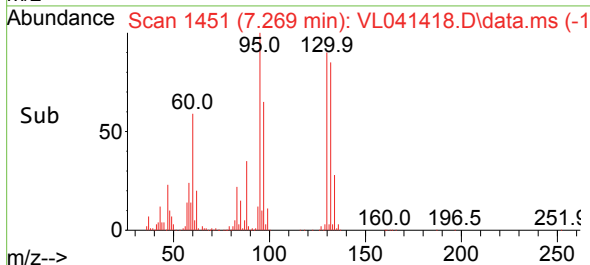
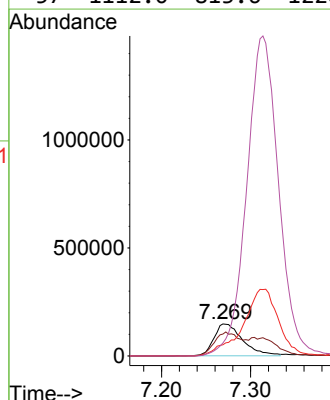
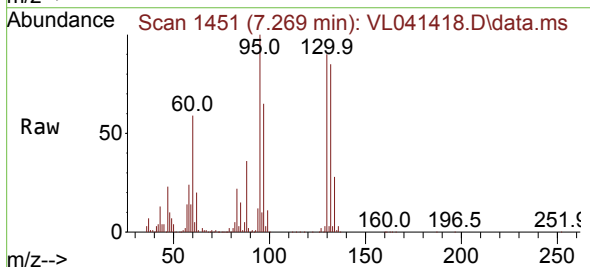
Ion Ratio Lower Upper

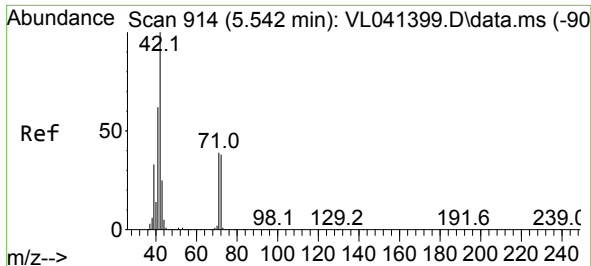
88 100

58 126.2 95.8 143.6

43 259.4 188.2 282.2

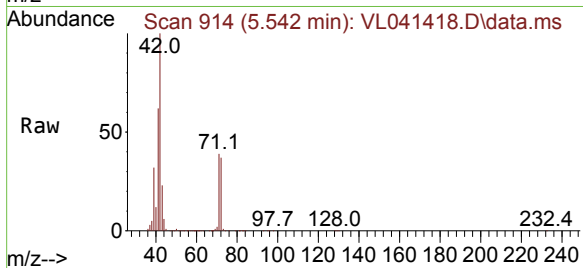
57 1112.0 813.6 1220.4



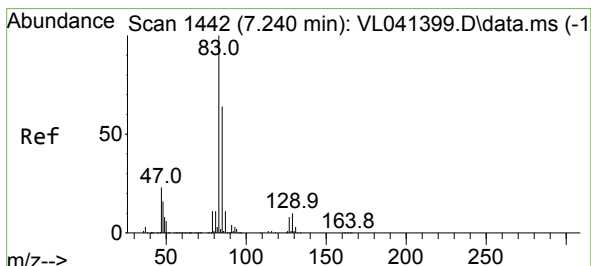
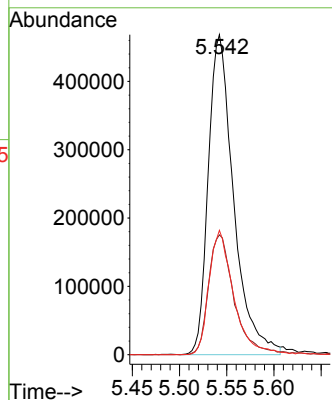
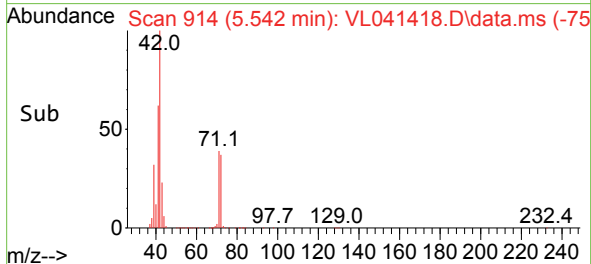


#41
Tetrahydrofuran
Concen: 10.158 ppbv
RT: 5.542 min Scan# 914
Delta R.T. -0.000 min
Lab File: VL041418.D
Acq: 26 Jul 2024 12:45

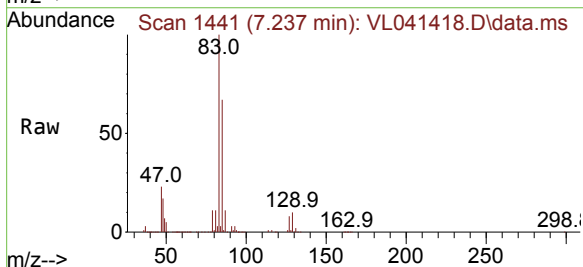
Instrument :
MSVOA_L
ClientSampleId :



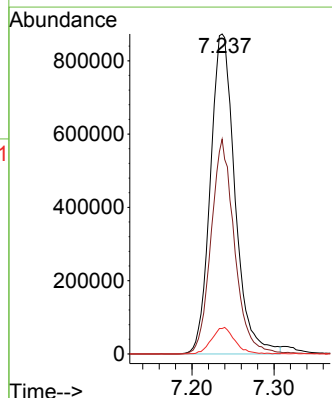
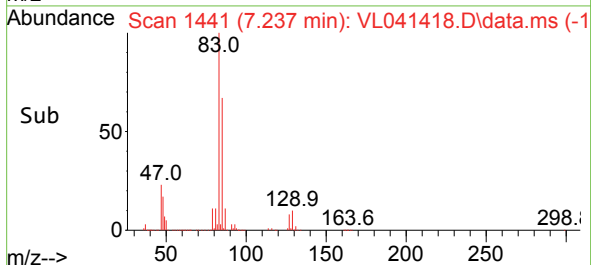
Tgt Ion: 42 Resp: 873079
Ion Ratio Lower Upper
42 100
72 38.5 31.2 46.8
71 38.3 30.5 45.7

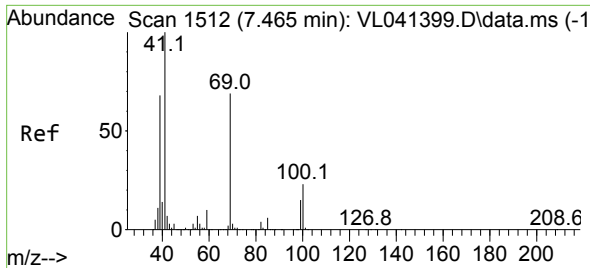


#42
Bromodichloromethane
Concen: 9.939 ppbv
RT: 7.237 min Scan# 1441
Delta R.T. -0.003 min
Lab File: VL041418.D
Acq: 26 Jul 2024 12:45



Tgt Ion: 83 Resp: 1823428
Ion Ratio Lower Upper
83 100
85 67.1 51.4 77.0
127 8.0 6.7 10.1

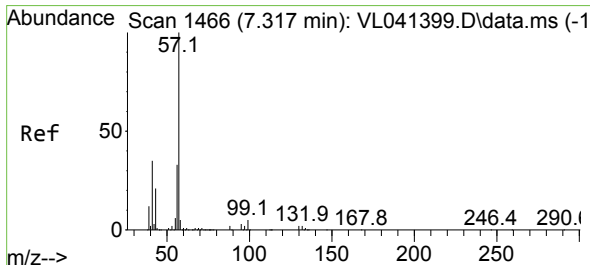
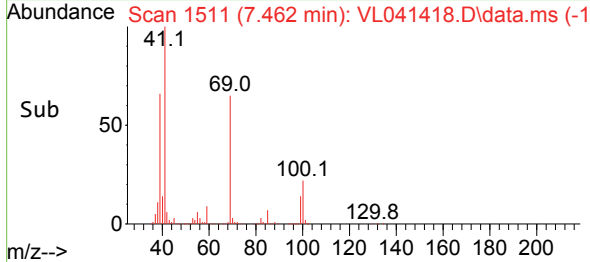
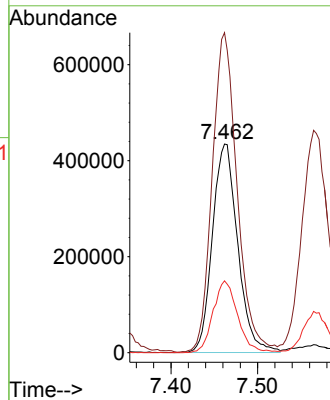
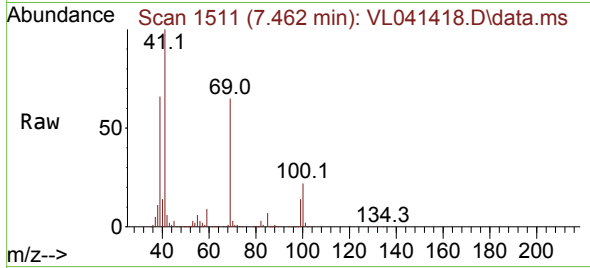




#43
Methyl Methacrylate
Concen: 10.831 ppbv
RT: 7.462 min Scan# 1511
Delta R.T. -0.003 min
Lab File: VL041418.D
Acq: 26 Jul 2024 12:45

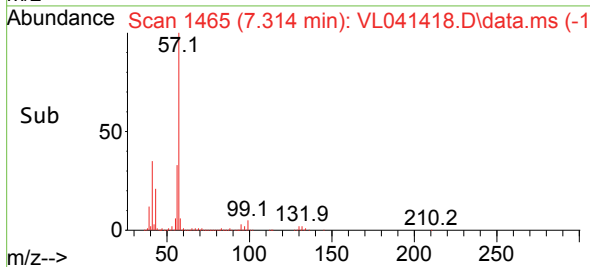
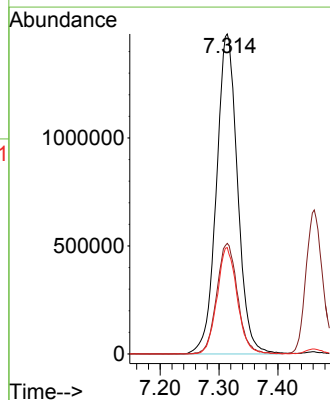
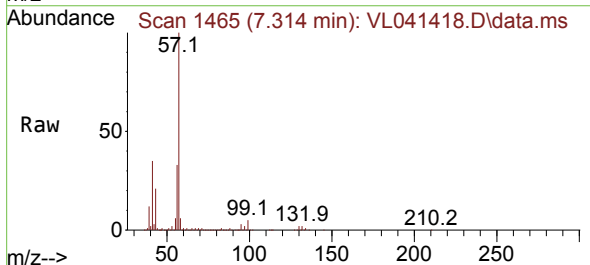
Instrument :
MSVOA_L
ClientSampleId :

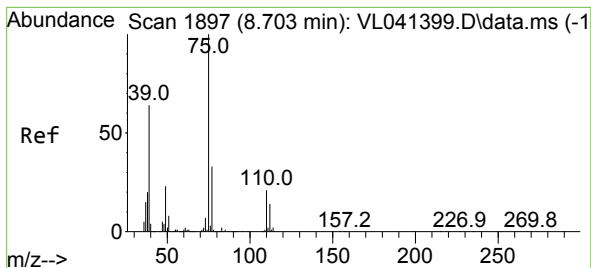
Tgt Ion: 69 Resp: 881642
Ion Ratio Lower Upper
69 100
41 150.7 118.7 178.1
100 33.4 27.0 40.4



#44
2,2,4-Trimethylpentane
Concen: 9.746 ppbv
RT: 7.314 min Scan# 1465
Delta R.T. -0.003 min
Lab File: VL041418.D
Acq: 26 Jul 2024 12:45

Tgt Ion: 57 Resp: 3695158
Ion Ratio Lower Upper
57 100
41 34.2 27.0 40.6
56 31.9 25.2 37.8





#45

t-1,3-Dichloropropene

Concen: 11.505 ppbv

RT: 8.696 min Scan# 11

Delta R.T. -0.006 min

Lab File: VL041418.D

Acq: 26 Jul 2024 12:45

Instrument :

MSVOA_L

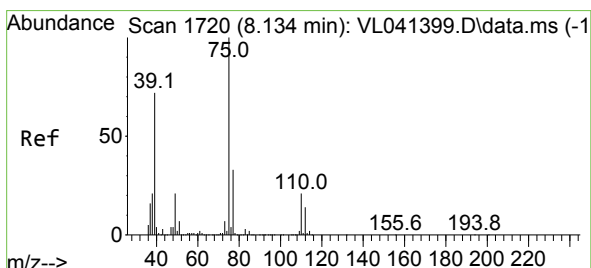
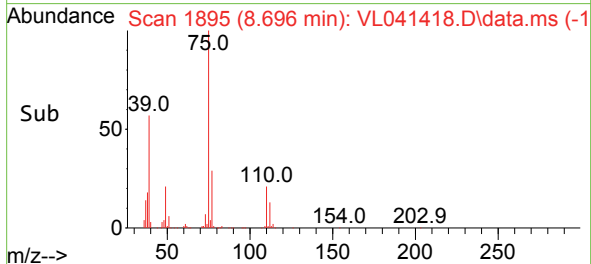
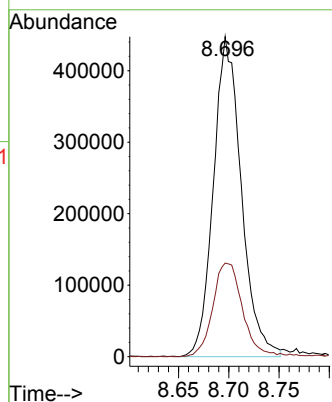
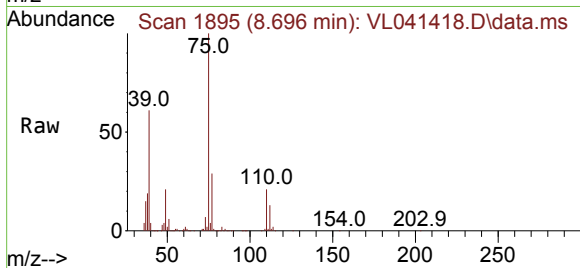
ClientSampleId :

Tgt Ion: 75 Resp: 862058

Ion Ratio Lower Upper

75 100

77 29.2 26.5 39.7



#46

cis-1,3-Dichloropropene

Concen: 10.744 ppbv

RT: 8.131 min Scan# 1719

Delta R.T. -0.003 min

Lab File: VL041418.D

Acq: 26 Jul 2024 12:45

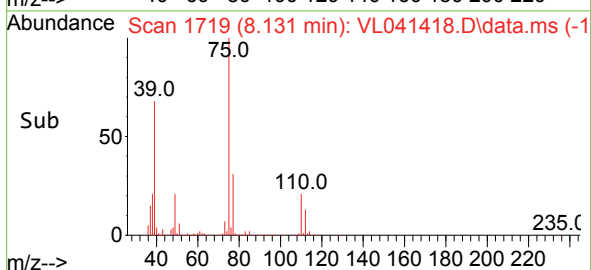
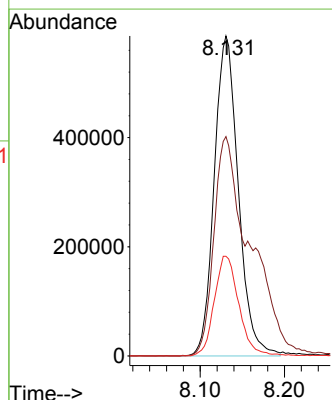
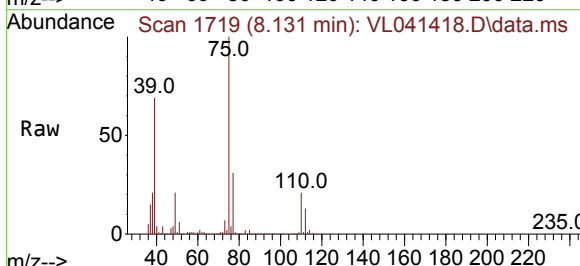
Tgt Ion: 75 Resp: 1162490

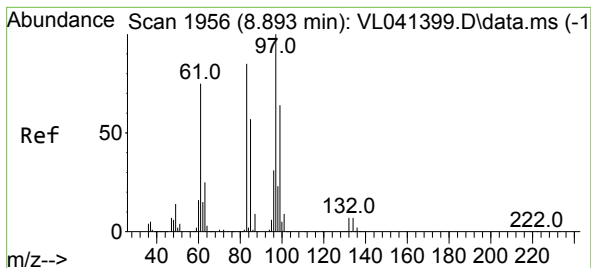
Ion Ratio Lower Upper

75 100

39 68.5 57.3 85.9

77 31.2 26.2 39.2





#47

1,1,2-Trichloroethane

Concen: 9.705 ppbv

RT: 8.886 min Scan# 1954

Delta R.T. -0.006 min

Lab File: VL041418.D

Acq: 26 Jul 2024 12:45

Instrument :

MSVOA_L

ClientSampleId :

Tgt Ion: 97 Resp: 929782

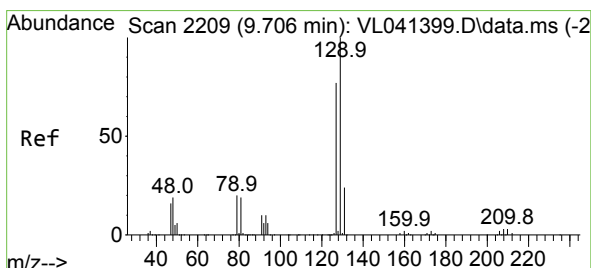
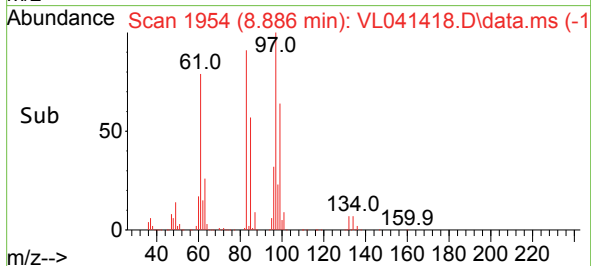
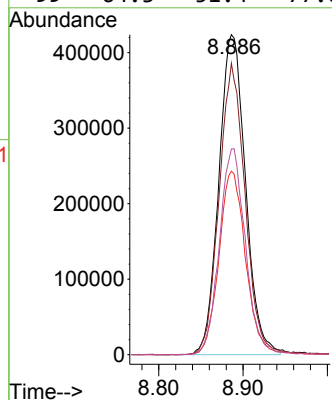
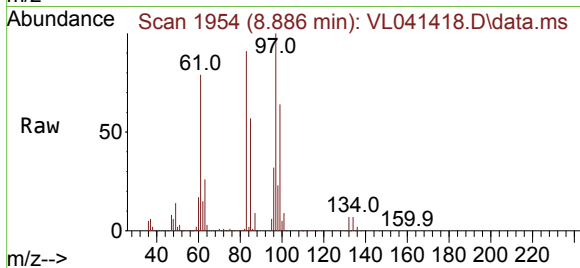
Ion Ratio Lower Upper

97 100

83 91.0 67.6 101.4

85 57.3 45.9 68.9

99 64.3 51.4 77.0



#48

Dibromochloromethane

Concen: 10.050 ppbv

RT: 9.696 min Scan# 2206

Delta R.T. -0.010 min

Lab File: VL041418.D

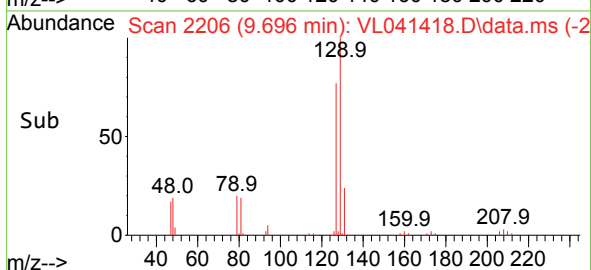
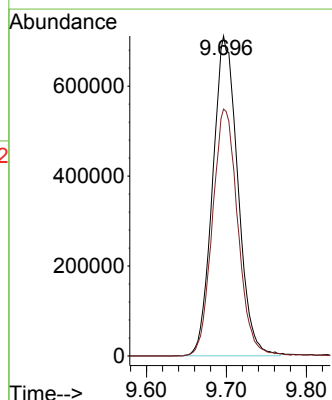
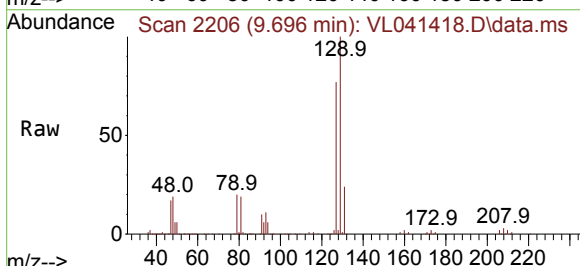
Acq: 26 Jul 2024 12:45

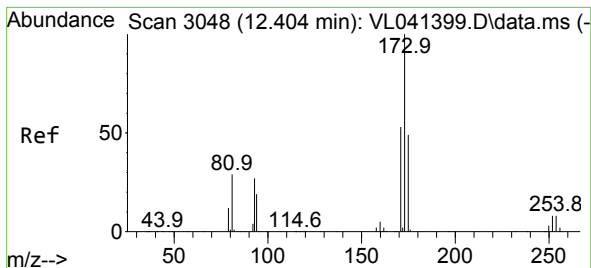
Tgt Ion: 129 Resp: 1550980

Ion Ratio Lower Upper

129 100

127 78.6 39.3 117.8





#49

Bromoform

Concen: 10.409 ppbv

RT: 12.394 min Scan# 3045

Delta R.T. -0.010 min

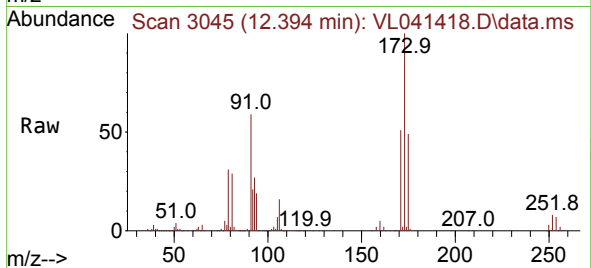
Lab File: VL041418.D

Acq: 26 Jul 2024 12:45

Instrument :

MSVOA_L

ClientSampleId :



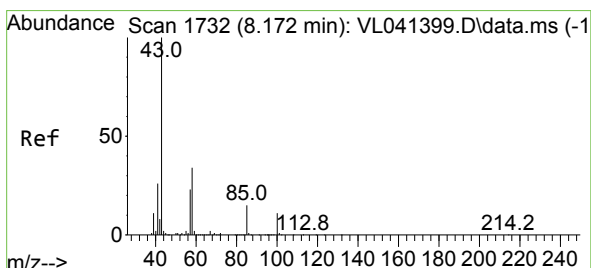
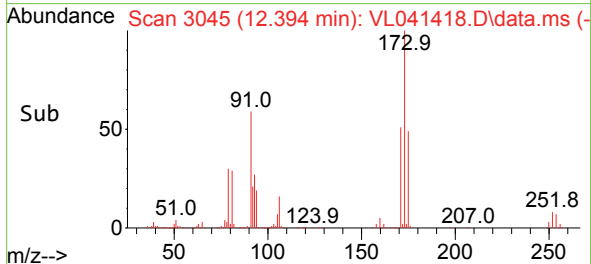
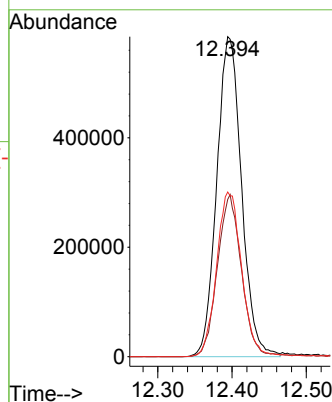
Tgt Ion:173 Resp: 1357046

Ion Ratio Lower Upper

173 100

175 49.8 39.9 59.9

171 52.4 41.7 62.5



#50

4-Methyl-2-Pentanone

Concen: 10.376 ppbv

RT: 8.169 min Scan# 1731

Delta R.T. -0.003 min

Lab File: VL041418.D

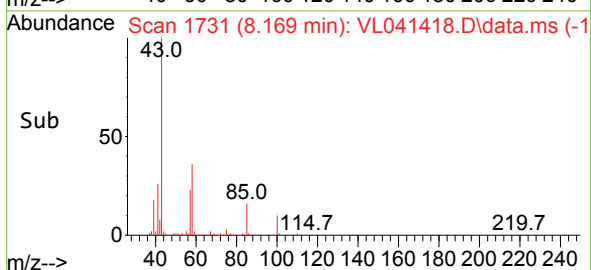
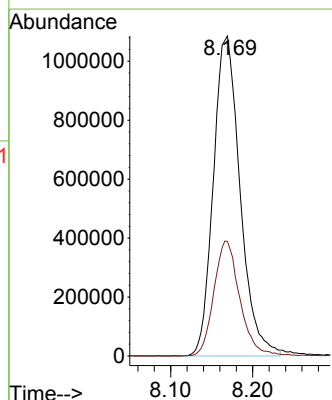
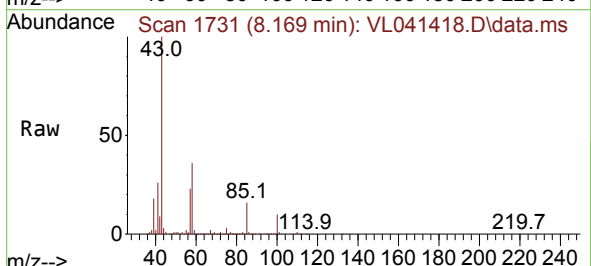
Acq: 26 Jul 2024 12:45

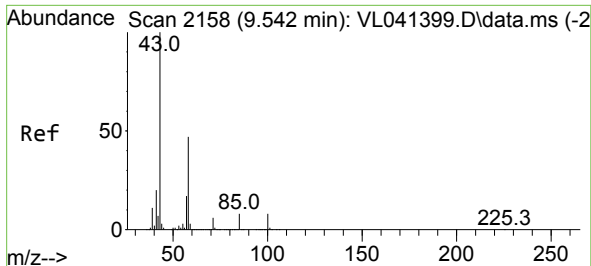
Tgt Ion: 43 Resp: 2460154

Ion Ratio Lower Upper

43 100

58 35.0 27.9 41.9

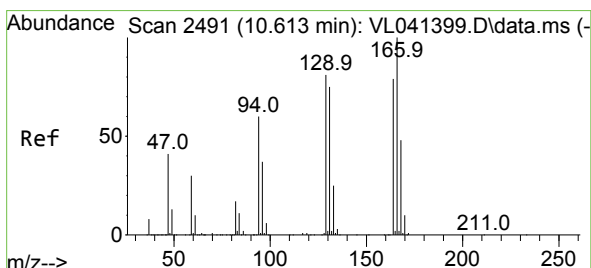
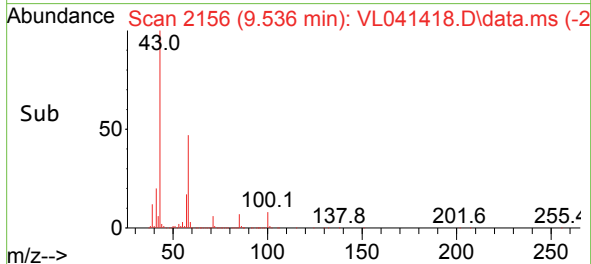
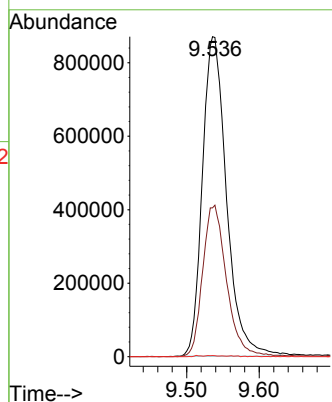
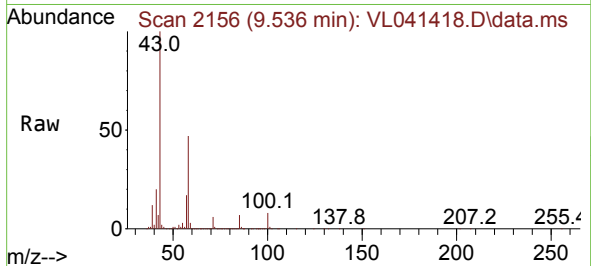




#51
2-Hexanone
Concen: 11.200 ppbv
RT: 9.536 min Scan# 2158
Delta R.T. -0.006 min
Lab File: VL041418.D
Acq: 26 Jul 2024 12:45

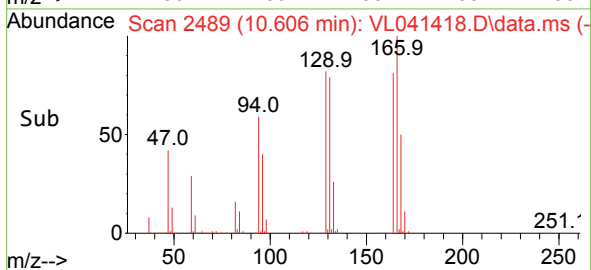
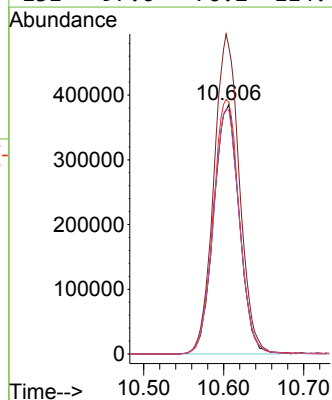
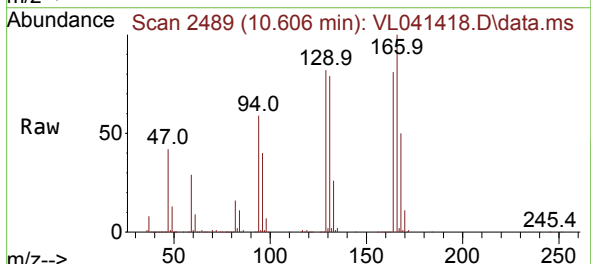
Instrument :
MSVOA_L
ClientSampleId :

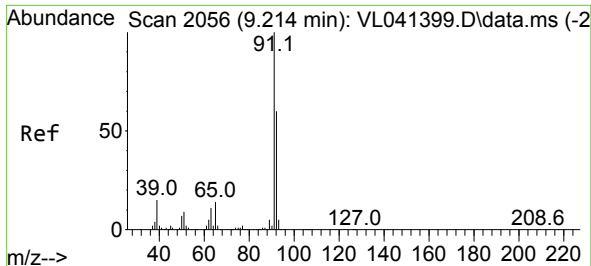
Tgt Ion: 43 Resp: 2008095
Ion Ratio Lower Upper
43 100
58 47.3 38.2 57.2
98 0.5 0.3 0.5#



#52
Tetrachloroethene
Concen: 9.754 ppbv
RT: 10.606 min Scan# 2489
Delta R.T. -0.006 min
Lab File: VL041418.D
Acq: 26 Jul 2024 12:45

Tgt Ion: 164 Resp: 855602
Ion Ratio Lower Upper
164 100
166 123.2 101.1 151.7
129 100.9 81.7 122.5
131 97.6 76.2 114.4

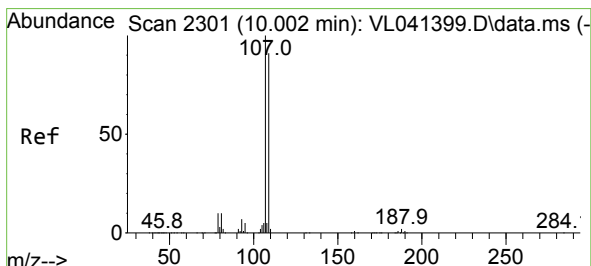
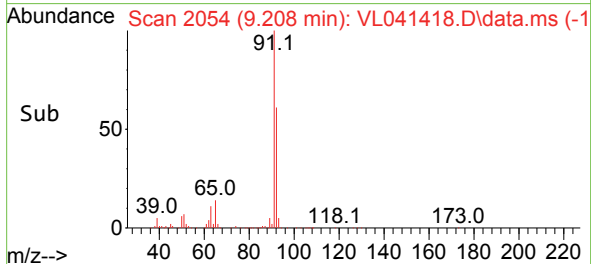
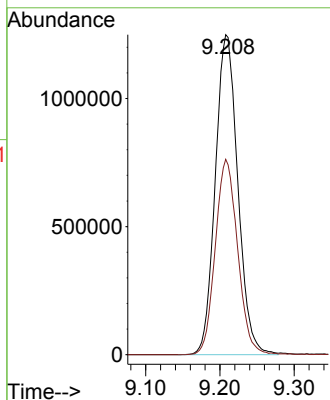
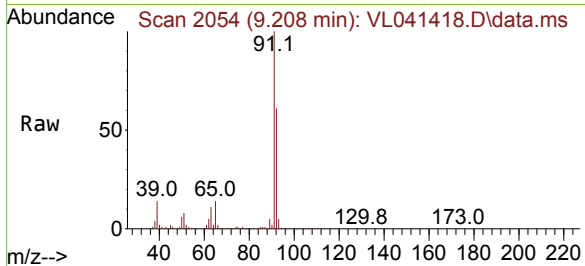




#53
Toluene
Concen: 10.417 ppbv
RT: 9.208 min Scan# 2056
Delta R.T. -0.006 min
Lab File: VL041418.D
Acq: 26 Jul 2024 12:45

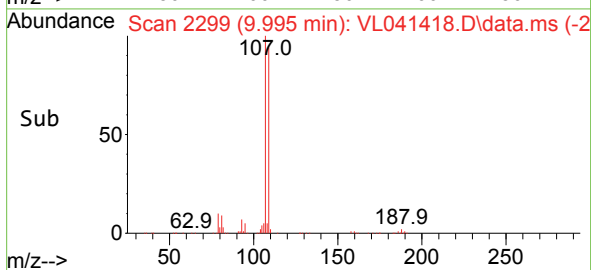
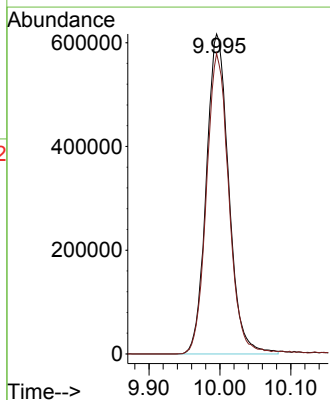
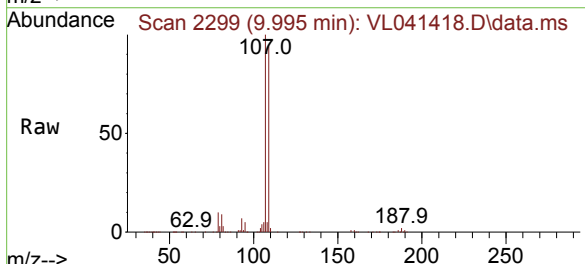
Instrument :
MSVOA_L
ClientSampleId :

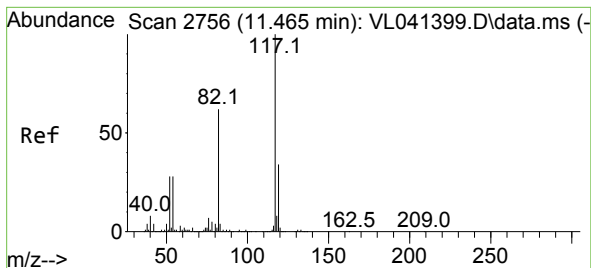
Tgt Ion: 91 Resp: 2634087
Ion Ratio Lower Upper
91 100
92 60.9 48.7 73.1



#54
1,2-Dibromoethane
Concen: 10.667 ppbv
RT: 9.995 min Scan# 2299
Delta R.T. -0.006 min
Lab File: VL041418.D
Acq: 26 Jul 2024 12:45

Tgt Ion: 107 Resp: 1360115
Ion Ratio Lower Upper
107 100
109 93.8 72.7 109.1





#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 11.455 min Scan# 21

Delta R.T. -0.010 min

Lab File: VL041418.D

Acq: 26 Jul 2024 12:45

Instrument :

MSVOA_L

ClientSampleId :

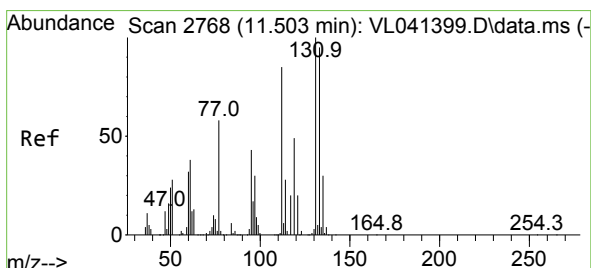
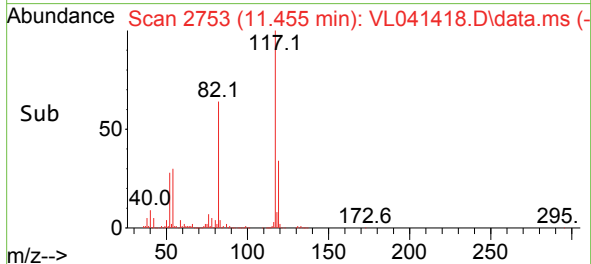
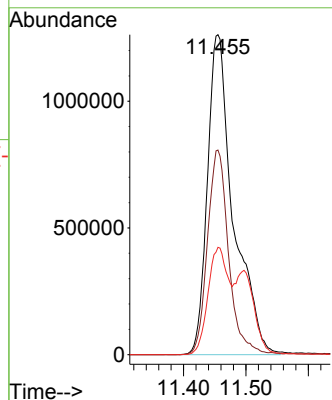
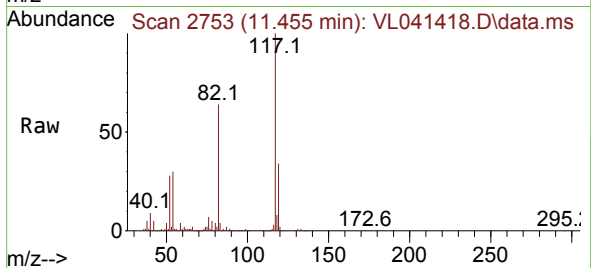
Tgt Ion:117 Resp: 3656489

Ion Ratio Lower Upper

117 100

82 52.3 51.0 76.6

119 28.0 45.2 67.8#



#56

1,1,1,2-Tetrachloroethane

Concen: 8.006 ppbv

RT: 11.497 min Scan# 2766

Delta R.T. -0.006 min

Lab File: VL041418.D

Acq: 26 Jul 2024 12:45

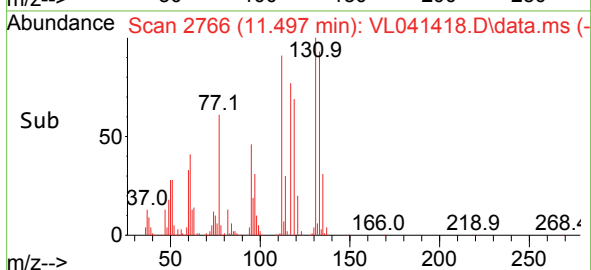
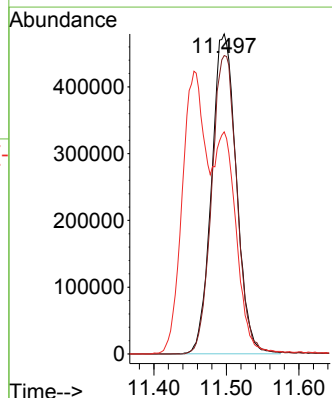
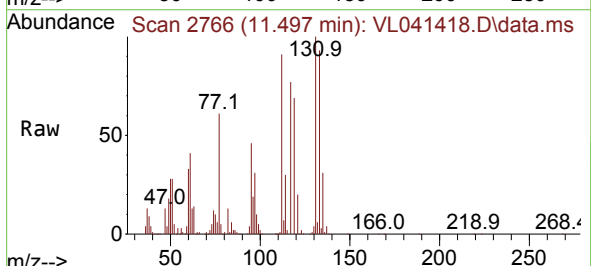
Tgt Ion:131 Resp: 1135334

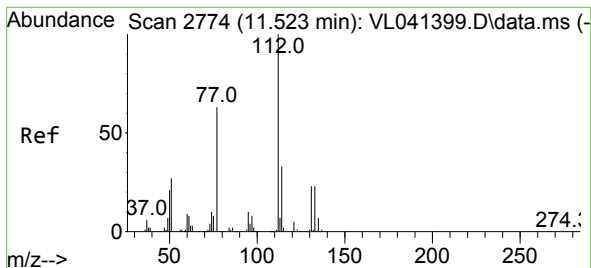
Ion Ratio Lower Upper

131 100

133 95.5 77.0 115.4

119 62.9 121.5 182.3#





#57

Chlorobenzene

Concen: 7.897 ppbv

RT: 11.516 min Scan# 21

Delta R.T. -0.006 min

Lab File: VL041418.D

Acq: 26 Jul 2024 12:45

Instrument :

MSVOA_L

ClientSampleId :

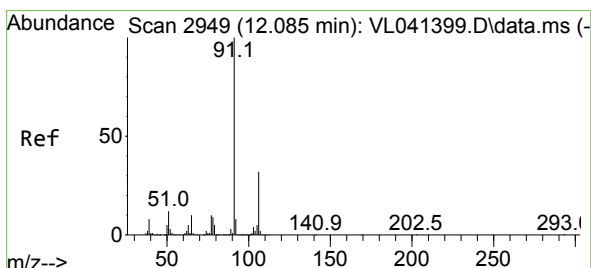
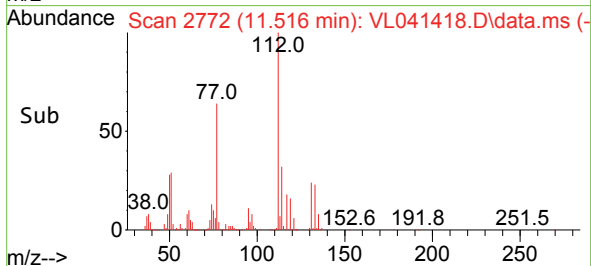
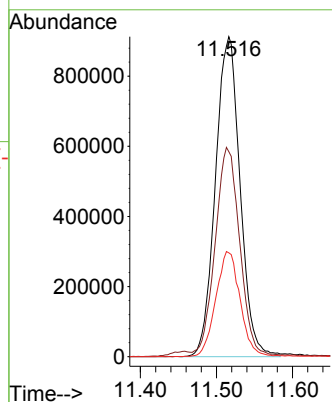
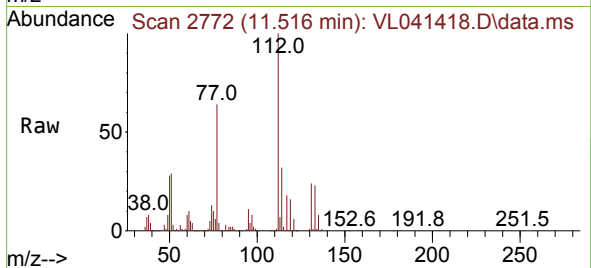
Tgt Ion:112 Resp: 2055796

Ion Ratio Lower Upper

112 100

77 63.4 51.1 76.7

114 32.4 29.5 36.1



#58

Ethyl Benzene

Concen: 8.397 ppbv

RT: 12.076 min Scan# 2946

Delta R.T. -0.010 min

Lab File: VL041418.D

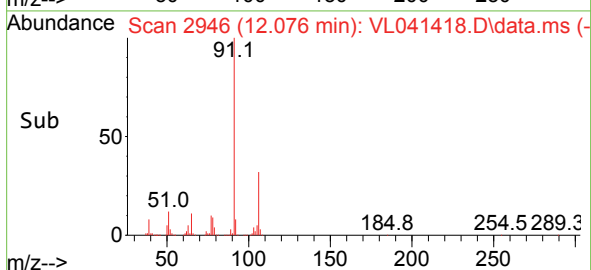
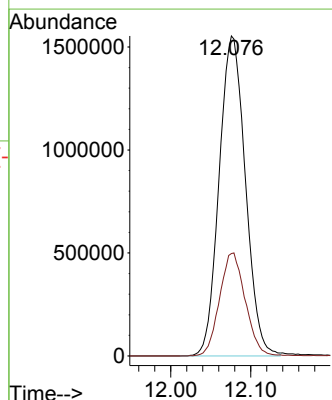
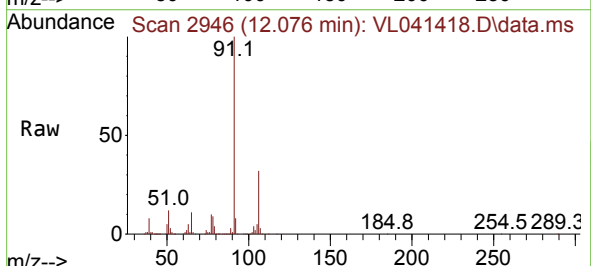
Acq: 26 Jul 2024 12:45

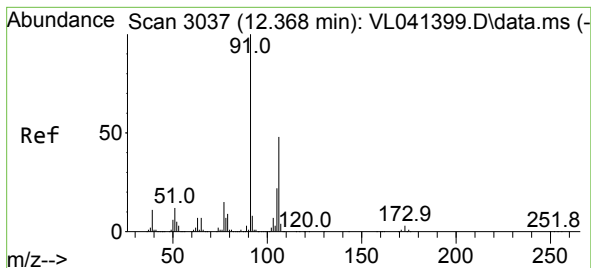
Tgt Ion: 91 Resp: 3538730

Ion Ratio Lower Upper

91 100

106 32.0 25.8 38.8





#59

m/p-Xylene

Concen: 8.260 ppbv

RT: 12.362 min Scan# 3037

Delta R.T. -0.006 min

Lab File: VL041418.D

Acq: 26 Jul 2024 12:45

Instrument :

MSVOA_L

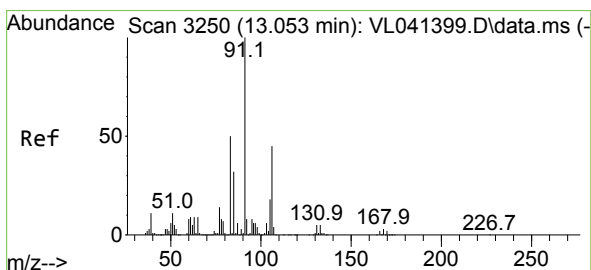
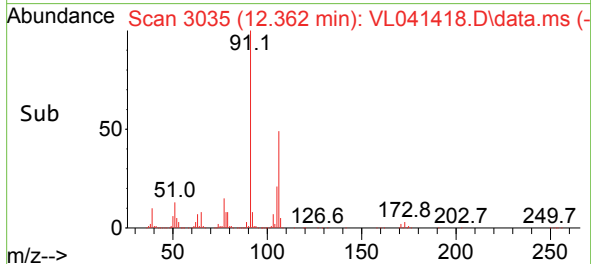
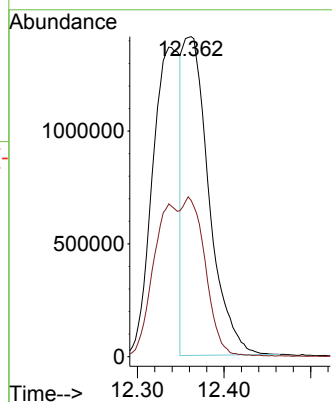
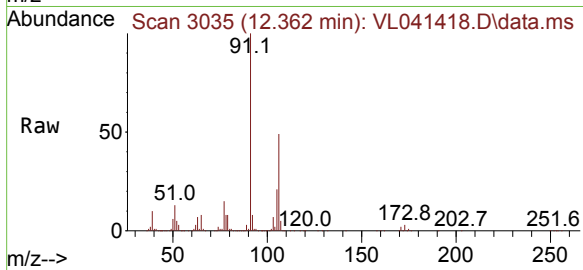
ClientSampleId :

Tgt Ion: 91 Resp: 3005079

Ion Ratio Lower Upper

91 100

106 91.6 36.3 54.5#



#60

o-Xylene

Concen: 8.366 ppbv

RT: 13.047 min Scan# 3248

Delta R.T. -0.006 min

Lab File: VL041418.D

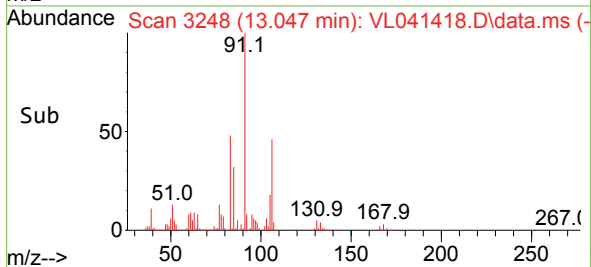
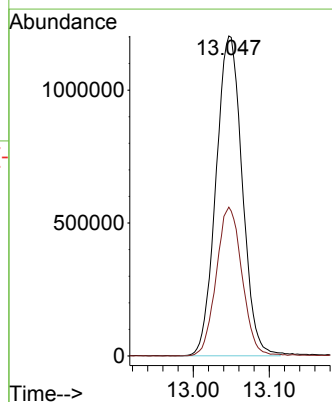
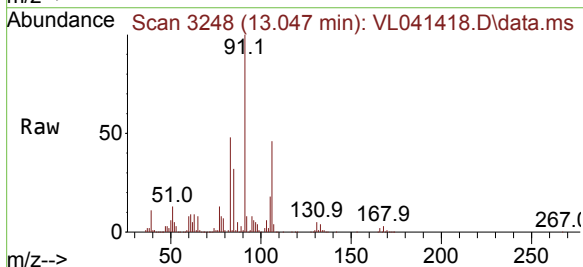
Acq: 26 Jul 2024 12:45

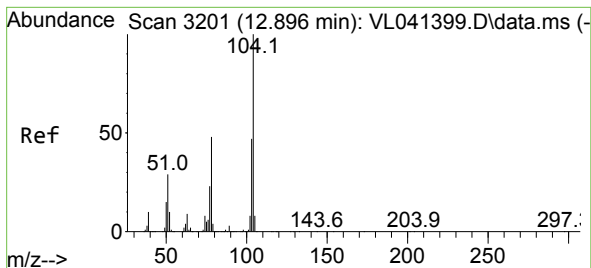
Tgt Ion: 91 Resp: 2879240

Ion Ratio Lower Upper

91 100

106 46.1 23.1 69.3





#61

Styrene

Concen: 9.207 ppbv

RT: 12.886 min Scan# 3198

Delta R.T. -0.010 min

Lab File: VL041418.D

Acq: 26 Jul 2024 12:45

Instrument :

MSVOA_L

ClientSampleId :

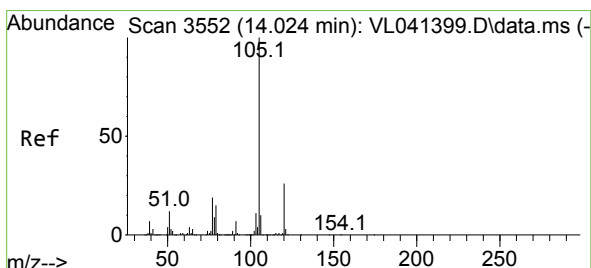
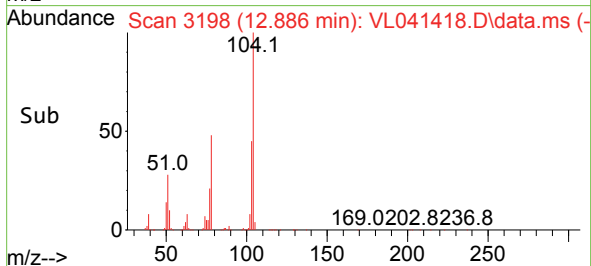
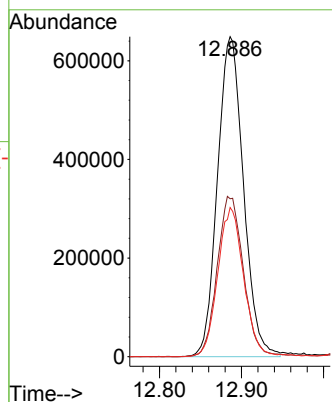
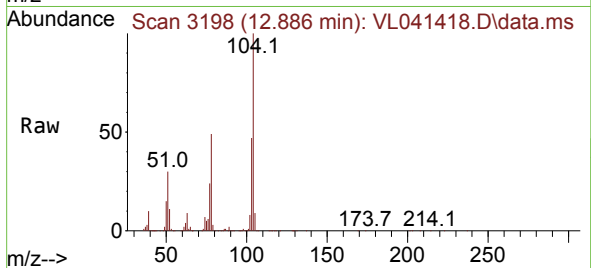
Tgt Ion:104 Resp: 1429605

Ion Ratio Lower Upper

104 100

78 50.8 40.8 61.2

103 46.9 38.2 57.4



#62

Isopropylbenzene

Concen: 8.021 ppbv

RT: 14.018 min Scan# 3550

Delta R.T. -0.006 min

Lab File: VL041418.D

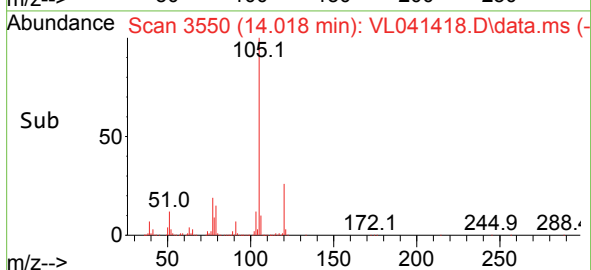
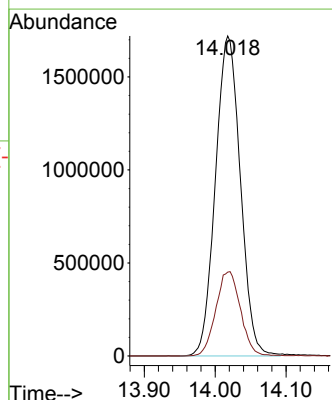
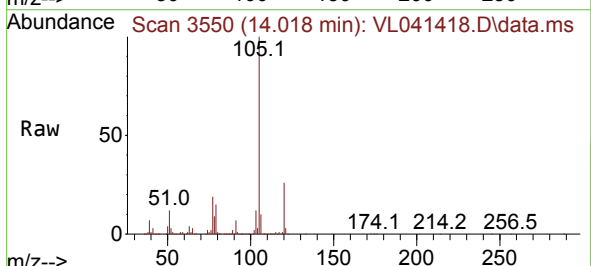
Acq: 26 Jul 2024 12:45

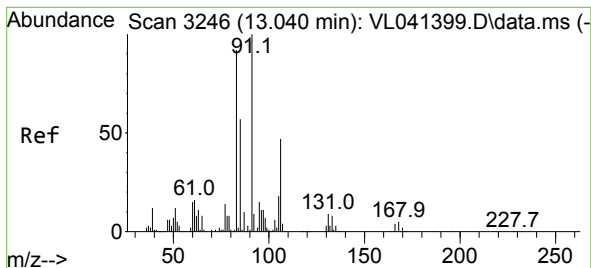
Tgt Ion:105 Resp: 4196324

Ion Ratio Lower Upper

105 100

120 26.3 21.0 31.4

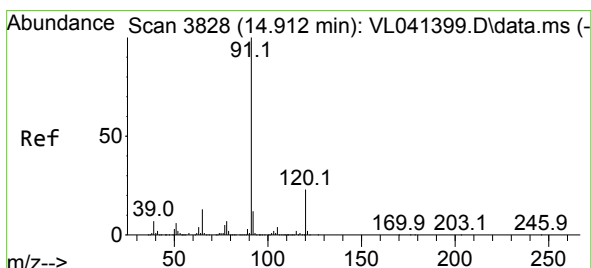
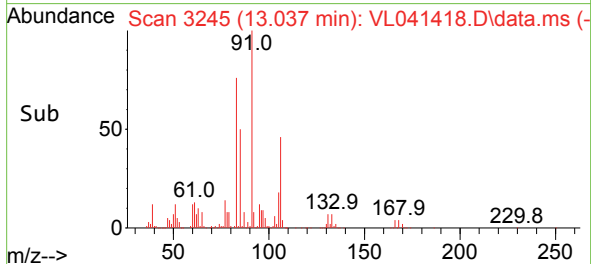
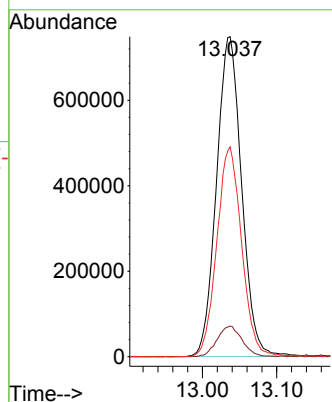
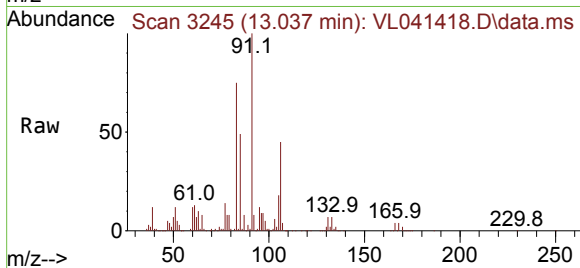




#63
1,1,2,2-Tetrachloroethane
Concen: 8.083 ppbv
RT: 13.037 min Scan# 31
Delta R.T. -0.003 min
Lab File: VL041418.D
Acq: 26 Jul 2024 12:45

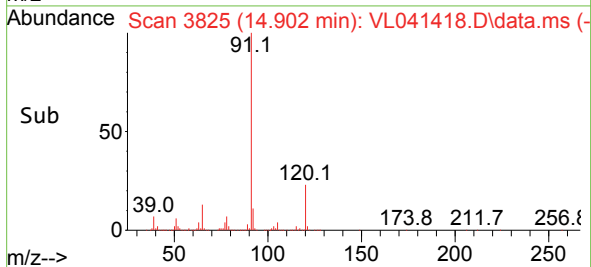
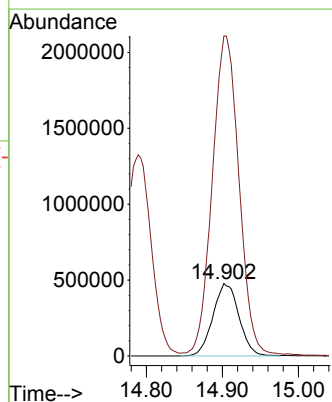
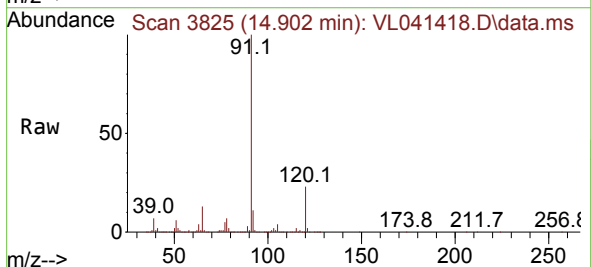
Instrument :
MSVOA_L
ClientSampleId :

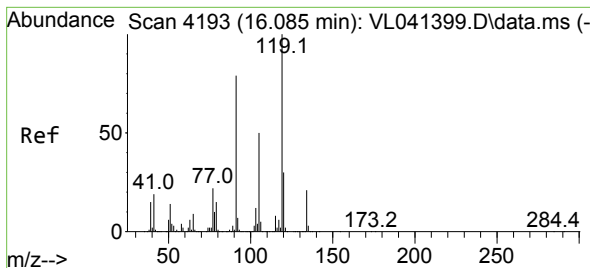
Tgt Ion: 83 Resp: 1756658
Ion Ratio Lower Upper
83 100
131 9.6 4.8 14.4
85 65.5 32.6 98.0



#64
n-propylbenzene
Concen: 8.285 ppbv
RT: 14.902 min Scan# 3825
Delta R.T. -0.010 min
Lab File: VL041418.D
Acq: 26 Jul 2024 12:45

Tgt Ion:120 Resp: 1133314
Ion Ratio Lower Upper
120 100
91 456.9 361.4 542.0

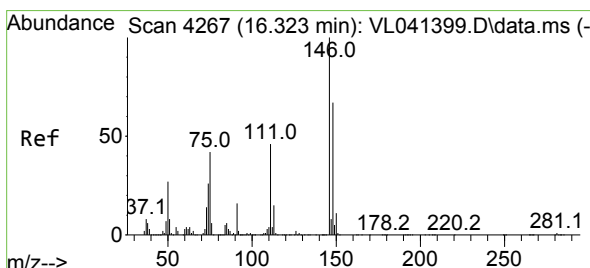
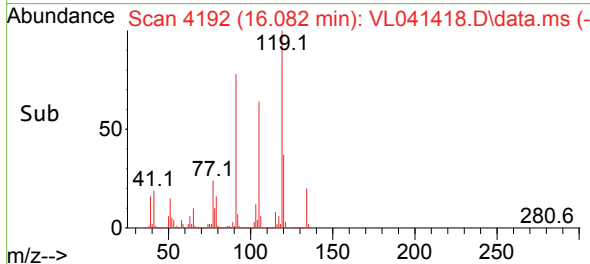
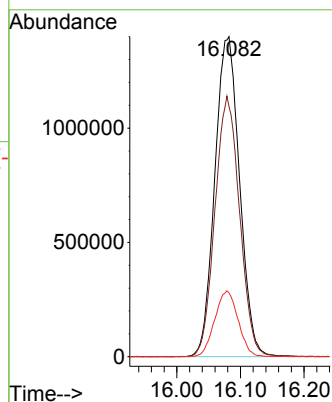
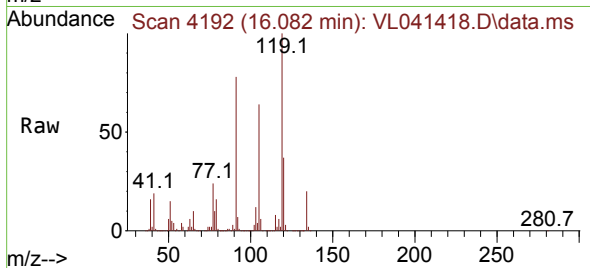




#65
tert-Butylbenzene
Concen: 8.001 ppbv
RT: 16.082 min Scan# 4193
Delta R.T. -0.003 min
Lab File: VL041418.D
Acq: 26 Jul 2024 12:45

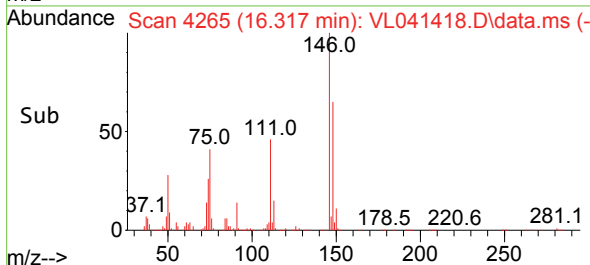
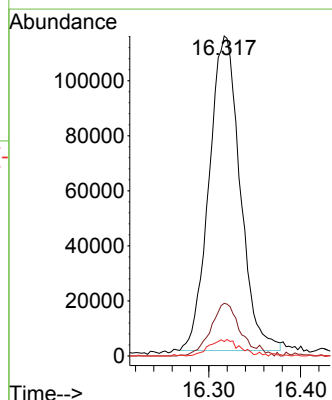
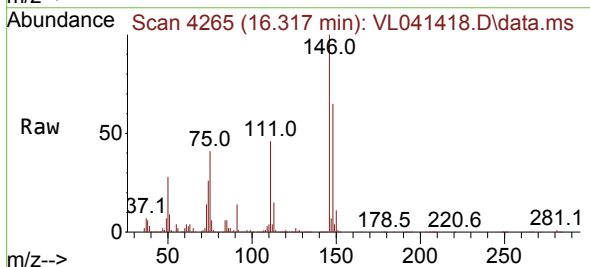
Instrument :
MSVOA_L
ClientSampleId :

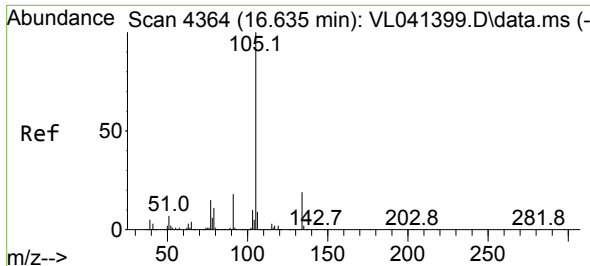
Tgt Ion:119 Resp: 3781175
Ion Ratio Lower Upper
119 100
91 81.0 64.2 96.2
134 19.5 15.7 23.5



#66
Benzyl Chloride
Concen: 8.872 ppbv
RT: 16.317 min Scan# 4265
Delta R.T. -0.006 min
Lab File: VL041418.D
Acq: 26 Jul 2024 12:45

Tgt Ion: 91 Resp: 268918
Ion Ratio Lower Upper
91 100
126 16.3 13.8 20.8
128 5.3 4.4 6.6

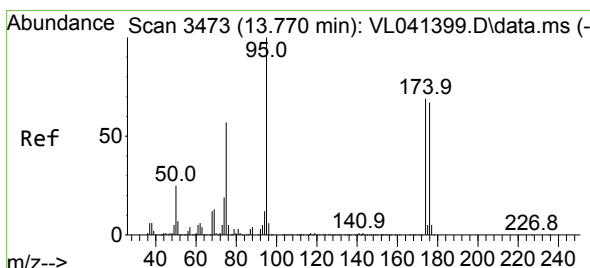
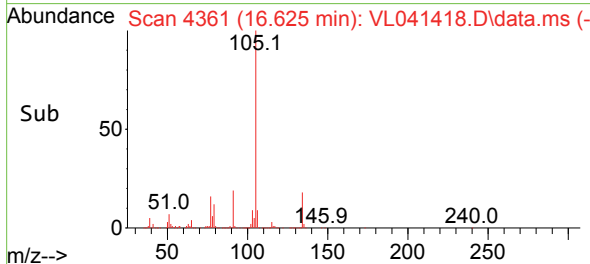
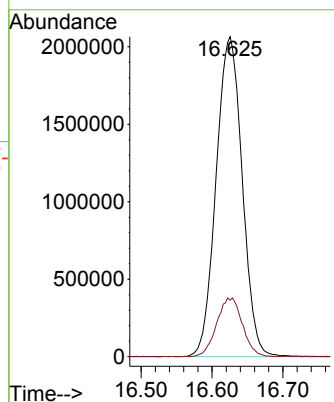
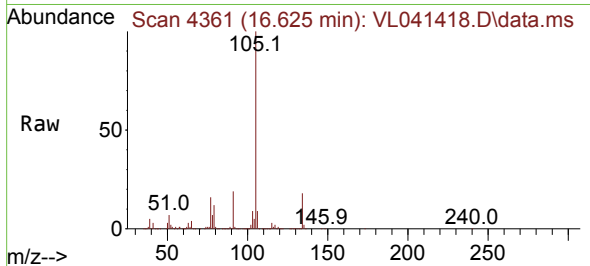




#67
 sec-Butylbenzene
 Concen: 8.113 ppbv
 RT: 16.625 min Scan# 41
 Delta R.T. -0.010 min
 Lab File: VL041418.D
 Acq: 26 Jul 2024 12:45

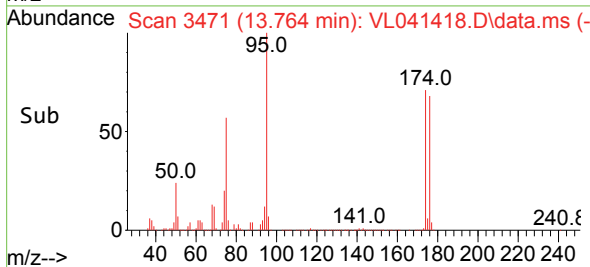
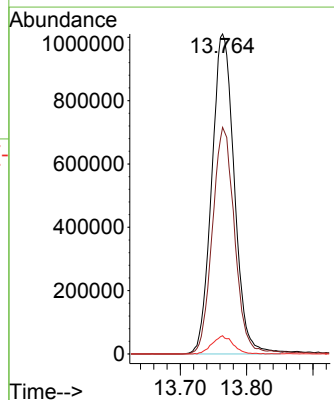
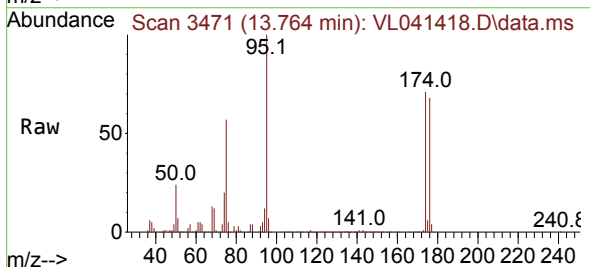
Instrument :
 MSVOA_L
 ClientSampleId :

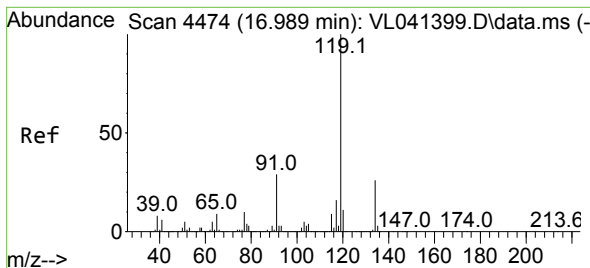
Tgt Ion:105 Resp: 5282274
 Ion Ratio Lower Upper
 105 100
 134 18.2 14.5 21.7



#68
 1-Bromo-4-Fluorobenzene
 Concen: 8.489 ppbv
 RT: 13.764 min Scan# 3471
 Delta R.T. -0.006 min
 Lab File: VL041418.D
 Acq: 26 Jul 2024 12:45

Tgt Ion: 95 Resp: 2388595
 Ion Ratio Lower Upper
 95 100
 174 70.5 56.3 84.5
 175 5.3 4.0 6.0

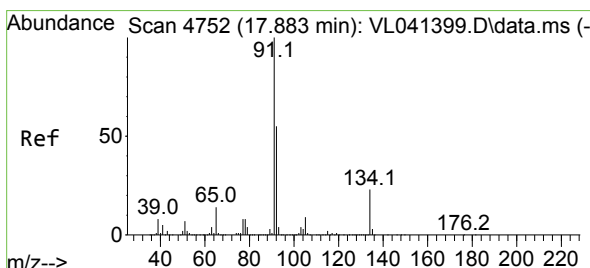
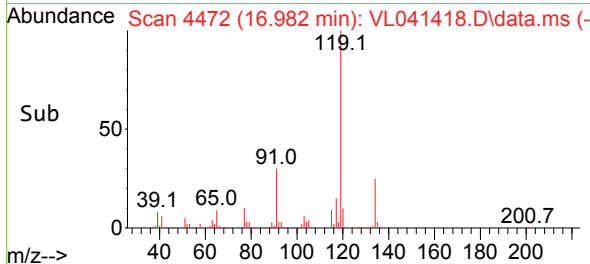
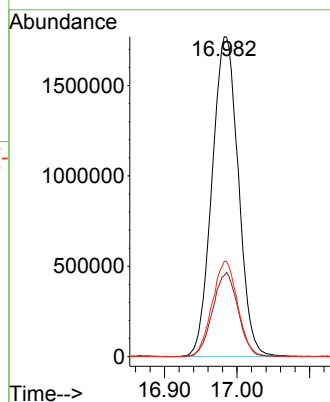
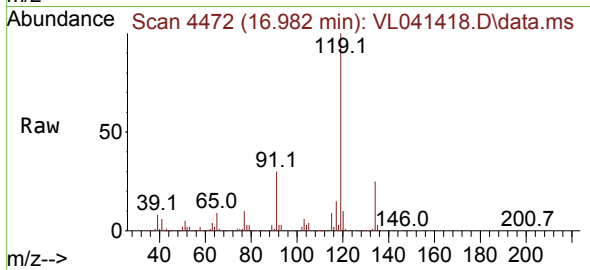




#69
 p-Isopropyltoluene
 Concen: 8.227 ppbv
 RT: 16.982 min Scan# 4474
 Delta R.T. -0.006 min
 Lab File: VL041418.D
 Acq: 26 Jul 2024 12:45

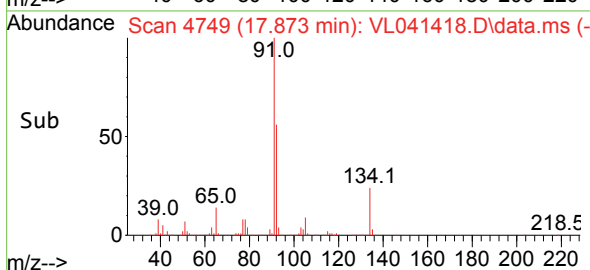
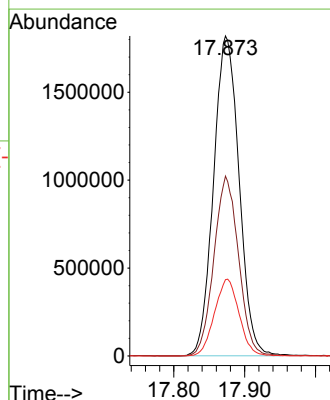
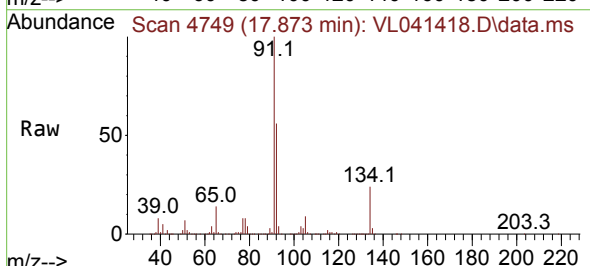
Instrument :
 MSVOA_L
 ClientSampleId :

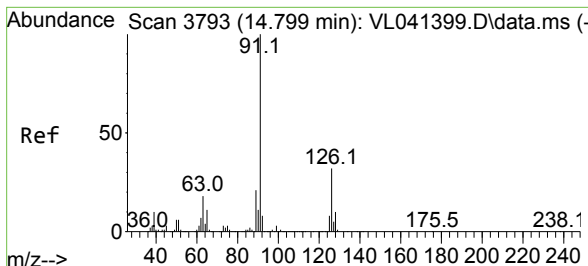
Tgt Ion:119 Resp: 4444978
 Ion Ratio Lower Upper
 119 100
 134 25.5 20.5 30.7
 91 29.1 23.2 34.8



#70
 n-Butylbenzene
 Concen: 8.216 ppbv
 RT: 17.873 min Scan# 4749
 Delta R.T. -0.010 min
 Lab File: VL041418.D
 Acq: 26 Jul 2024 12:45

Tgt Ion: 91 Resp: 4550755
 Ion Ratio Lower Upper
 91 100
 92 54.4 43.2 64.8
 134 23.2 18.5 27.7

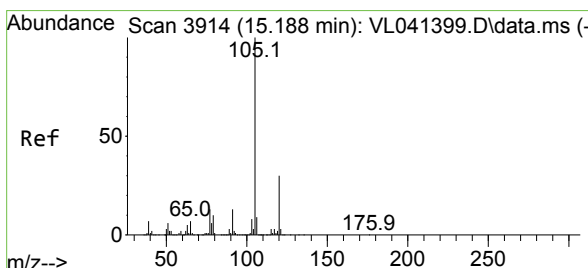
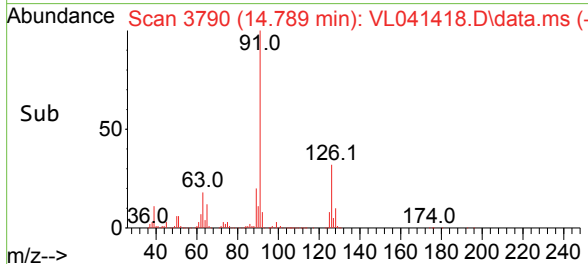
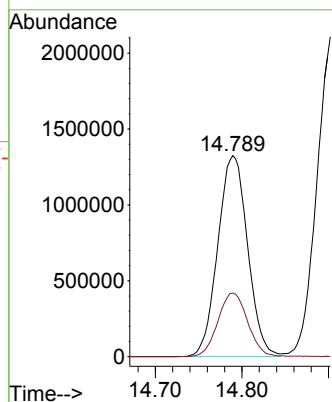
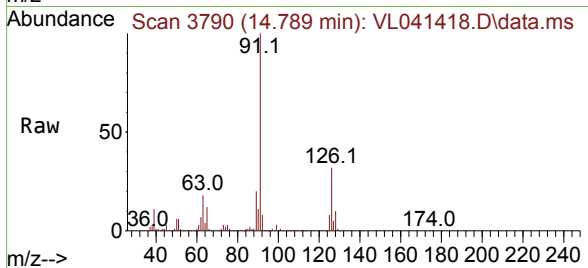




#71
2-Chlorotoluene
Concen: 8.198 ppbv
RT: 14.789 min Scan# 31
Delta R.T. -0.010 min
Lab File: VL041418.D
Acq: 26 Jul 2024 12:45

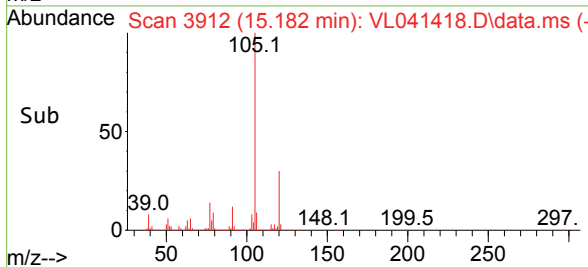
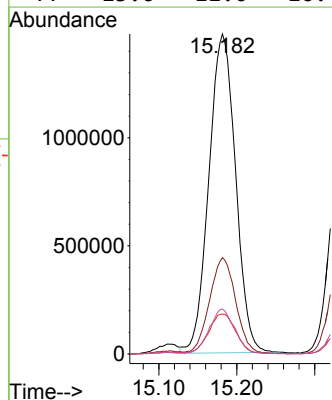
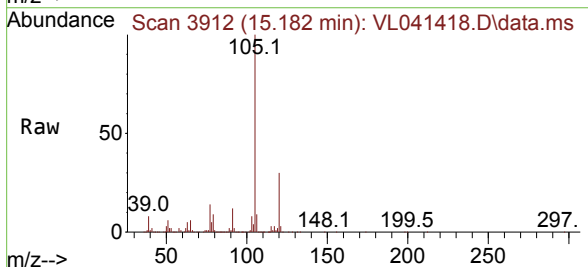
Instrument :
MSVOA_L
ClientSampleId :

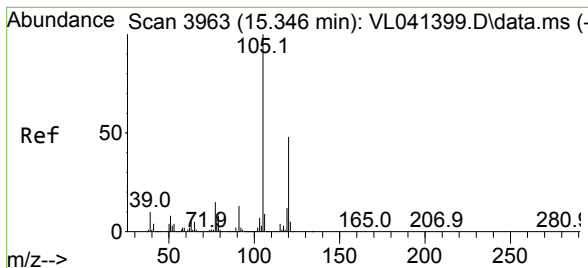
Tgt Ion: 91 Resp: 3163171
Ion Ratio Lower Upper
91 100
126 32.1 12.7 50.9



#72
4-Ethyltoluene
Concen: 8.674 ppbv
RT: 15.182 min Scan# 3912
Delta R.T. -0.006 min
Lab File: VL041418.D
Acq: 26 Jul 2024 12:45

Tgt Ion: 105 Resp: 3514717
Ion Ratio Lower Upper
105 100
120 29.9 24.2 36.2
91 13.4 10.4 15.6
77 13.6 11.0 16.4





#73

1,3,5-Trimethylbenzene

Concen: 8.534 ppbv

RT: 15.339 min Scan# 3961

Delta R.T. -0.006 min

Lab File: VL041418.D

Acq: 26 Jul 2024 12:45

Instrument :

MSVOA_L

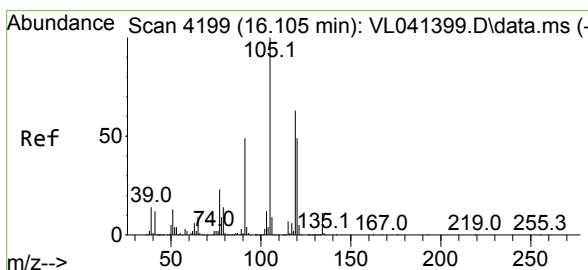
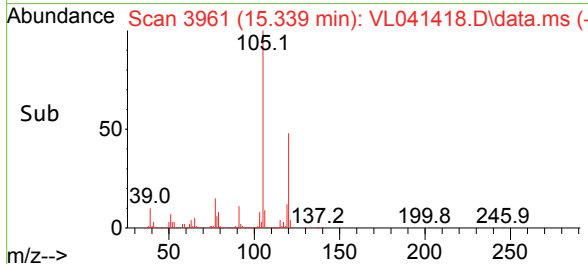
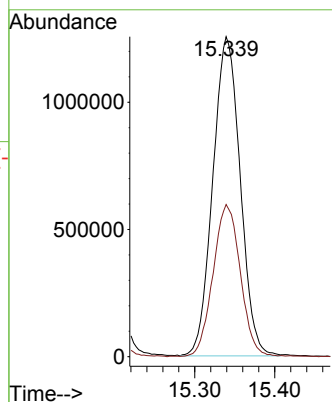
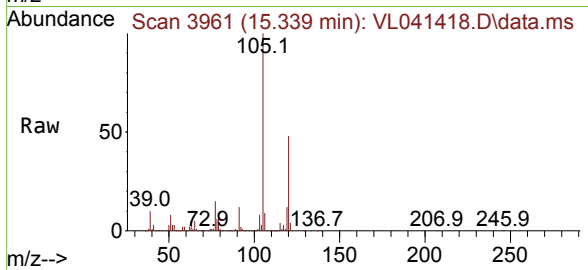
ClientSampleId :

Tgt Ion:105 Resp: 2978924

Ion Ratio Lower Upper

105 100

120 47.5 38.6 57.8



#74

1,2,4-Trimethylbenzene

Concen: 8.157 ppbv

RT: 16.095 min Scan# 4196

Delta R.T. -0.010 min

Lab File: VL041418.D

Acq: 26 Jul 2024 12:45

Tgt Ion:105 Resp: 3310269

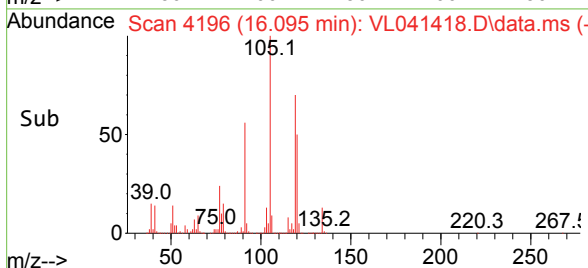
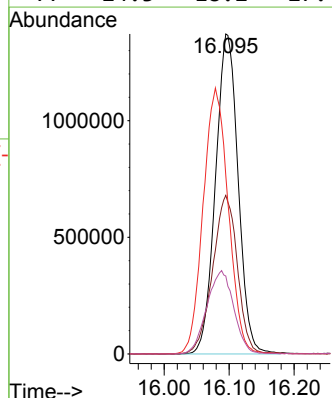
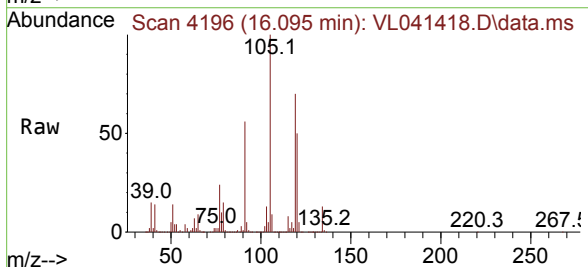
Ion Ratio Lower Upper

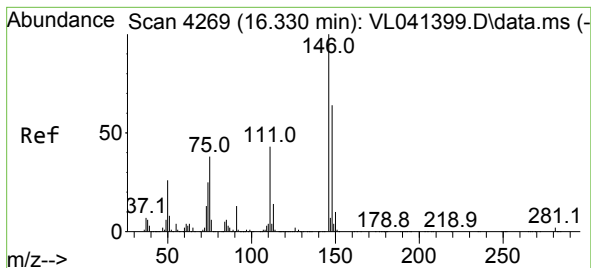
105 100

120 49.5 39.5 59.3

91 55.6 39.8 59.8

77 24.3 18.2 27.4





#75

1,3-Dichlorobenzene

Concen: 8.064 ppbv

RT: 16.320 min Scan# 41

Delta R.T. -0.010 min

Lab File: VL041418.D

Acq: 26 Jul 2024 12:45

Instrument :

MSVOA_L

ClientSampleId :

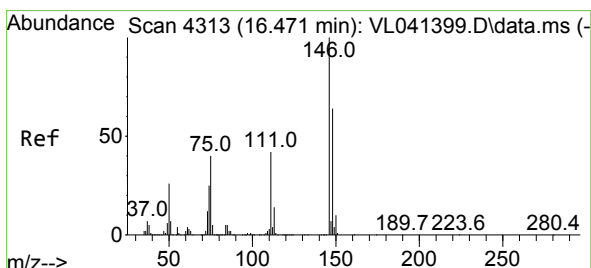
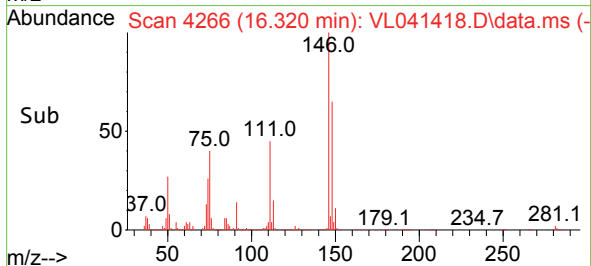
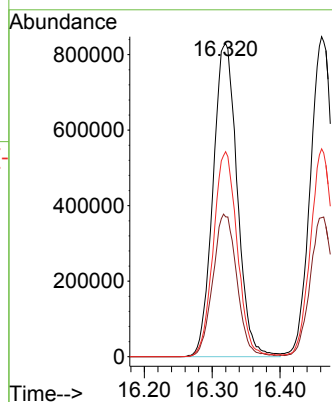
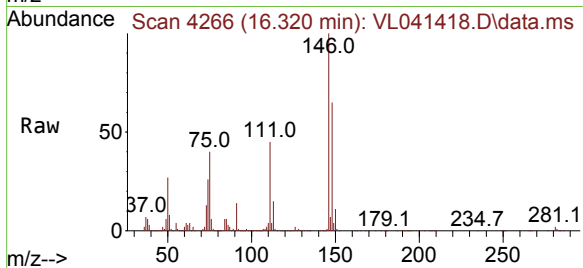
Tgt Ion:146 Resp: 2057162

Ion Ratio Lower Upper

146 100

111 45.3 22.6 67.8

148 64.7 32.3 96.8



#76

1,4-Dichlorobenzene

Concen: 8.040 ppbv

RT: 16.461 min Scan# 4310

Delta R.T. -0.010 min

Lab File: VL041418.D

Acq: 26 Jul 2024 12:45

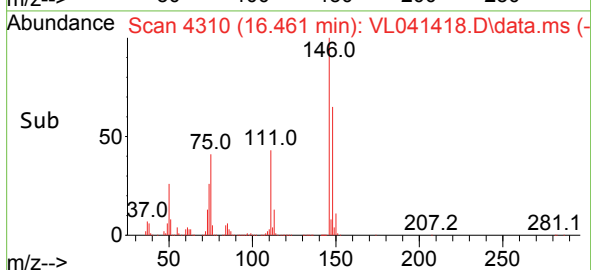
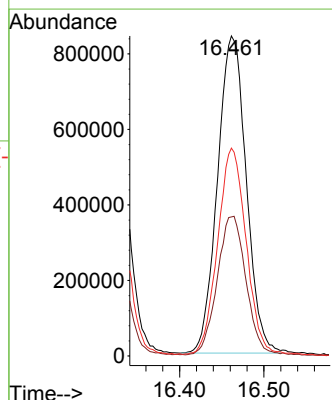
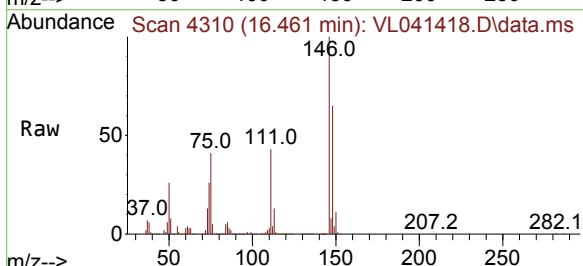
Tgt Ion:146 Resp: 1986009

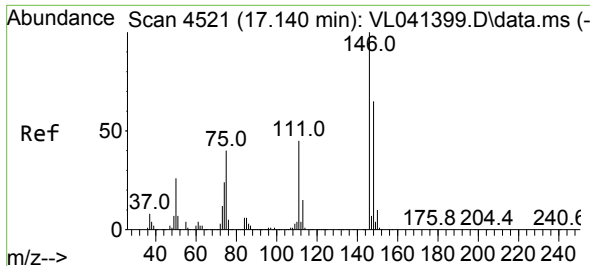
Ion Ratio Lower Upper

146 100

111 44.9 22.4 67.0

148 66.1 33.1 99.5

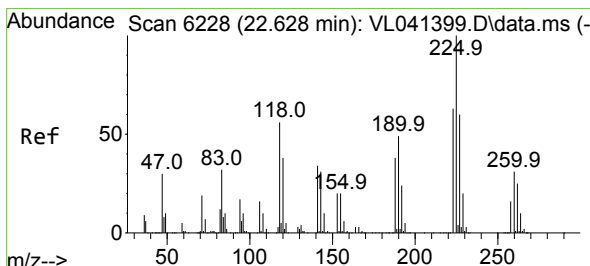
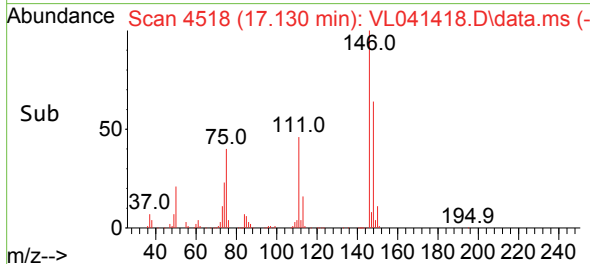
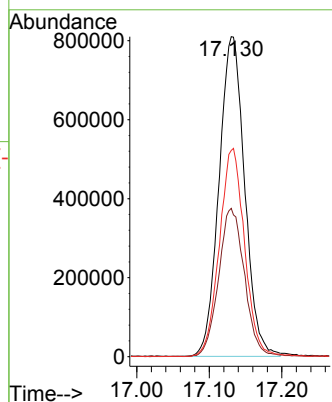
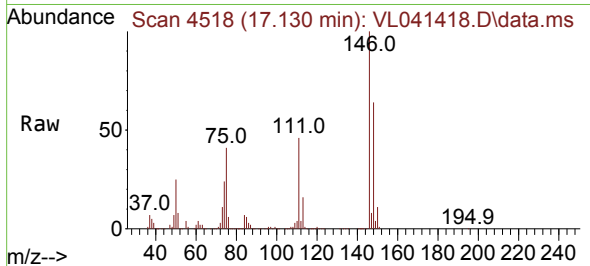




#77
1,2-Dichlorobenzene
Concen: 7.851 ppbv
RT: 17.130 min Scan# 4518
Delta R.T. -0.010 min
Lab File: VL041418.D
Acq: 26 Jul 2024 12:45

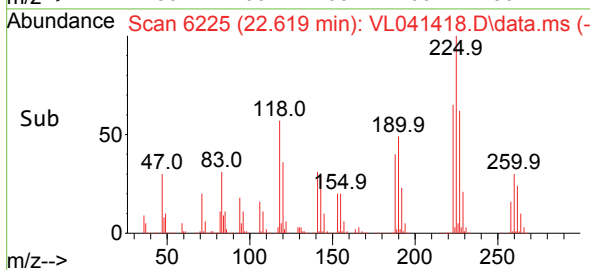
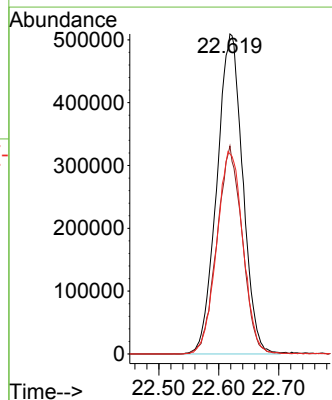
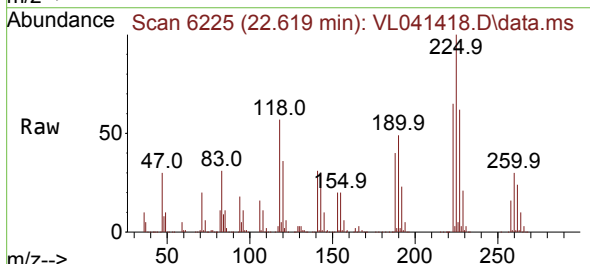
Instrument :
MSVOA_L
ClientSampleId :

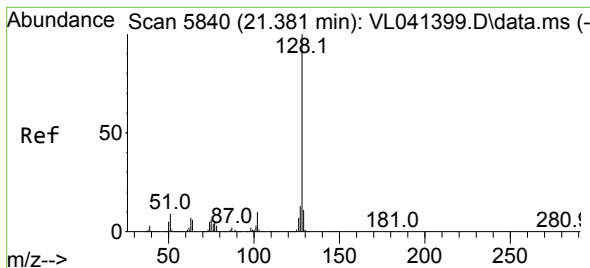
Tgt Ion:146 Resp: 1985499
Ion Ratio Lower Upper
146 100
111 46.9 23.4 70.0
148 64.3 32.2 96.6



#78
Hexachloro-1,3-Butadiene
Concen: 7.061 ppbv
RT: 22.619 min Scan# 6225
Delta R.T. -0.010 min
Lab File: VL041418.D
Acq: 26 Jul 2024 12:45

Tgt Ion:225 Resp: 1522850
Ion Ratio Lower Upper
225 100
223 63.8 50.6 76.0
227 64.4 50.8 76.2





#79

Naphthalene

Concen: 9.420 ppbv

RT: 21.368 min Scan# 5836

Delta R.T. -0.013 min

Lab File: VL041418.D

Acq: 26 Jul 2024 12:45

Instrument :

MSVOA_L

ClientSampleId :

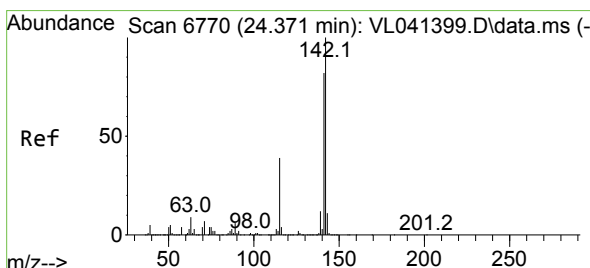
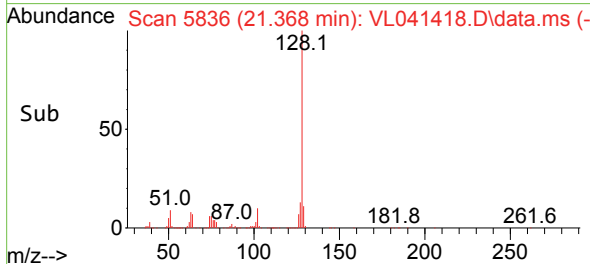
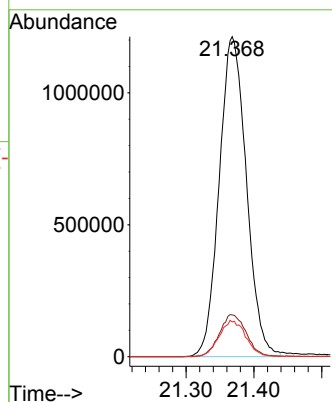
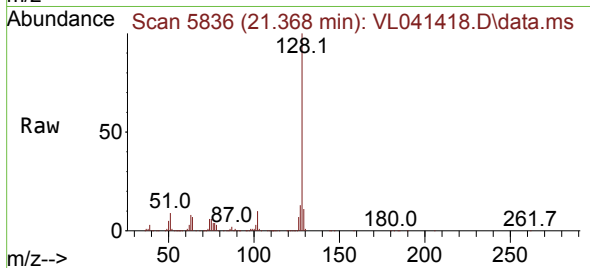
Tgt Ion:128 Resp: 3374074

Ion Ratio Lower Upper

128 100

127 13.0 10.3 15.5

129 10.9 9.0 13.4



#80

Naphthalene,2-methyl-

Concen: 8.774 ppbv

RT: 24.358 min Scan# 6766

Delta R.T. -0.013 min

Lab File: VL041418.D

Acq: 26 Jul 2024 12:45

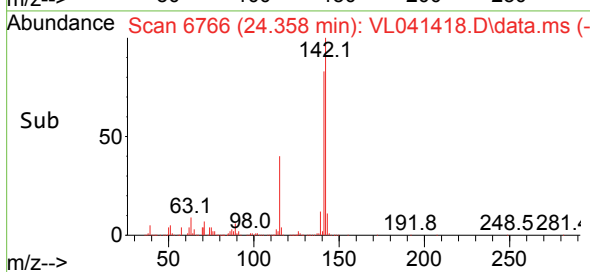
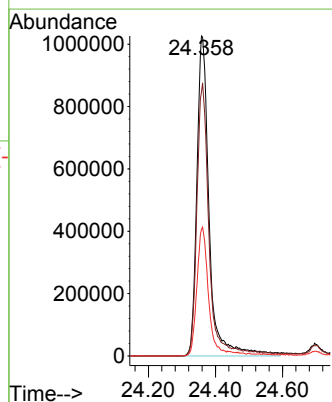
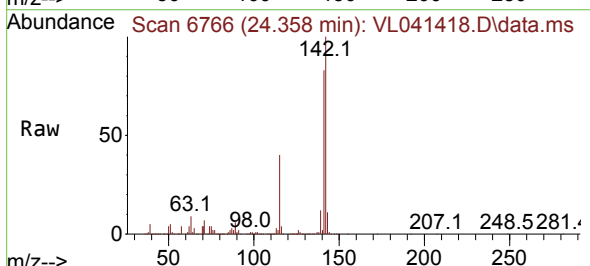
Tgt Ion:142 Resp: 2634418

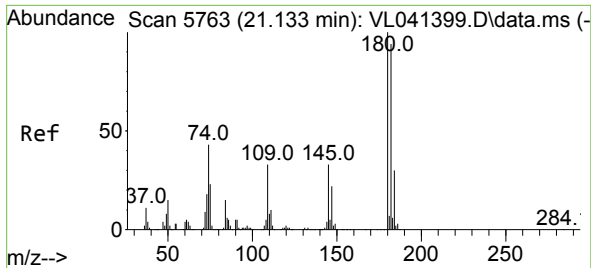
Ion Ratio Lower Upper

142 100

141 85.6 67.0 100.4

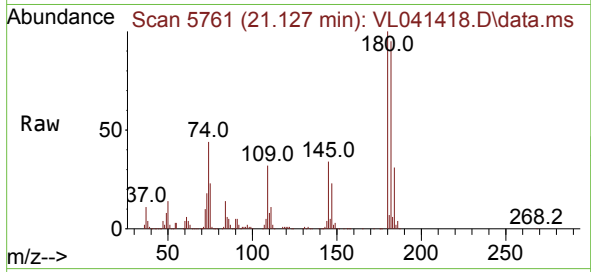
115 39.6 32.2 48.2





#81
 1,2,4-Trichlorobenzene
 Concen: 8.288 ppbv
 RT: 21.127 min Scan# 51
 Delta R.T. -0.006 min
 Lab File: VL041418.D
 Acq: 26 Jul 2024 12:45

Instrument :
 MSVOA_L
 ClientSampleId :



Tgt Ion:180 Resp: 1766558

Ion	Ratio	Lower	Upper
180	100		
182	96.7	76.7	115.1
184	31.1	24.5	36.7

