

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL072524\
 Data File : VL041406.D
 Acq On : 25 Jul 2024 19:31
 Operator : SY/MD
 Sample : VSTDICV010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :

Quant Time: Jul 29 01:38:18 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	5.176	49	1233360	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.642	114	3392081	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.462	117	3925061	10.000	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene 13.770 95 2574566 8.523 ppbv 0.00
 Spiked Amount 10.000 Range 65 - 135 Recovery = 85.200%

Target Compounds

					Qvalue	
2) Dichlorodifluoromethane	2.709	85	2089346	9.847	ppbv	98
3) Chlorodifluoromethane	2.655	51	1318682	8.981	ppbv	99
4) Chloromethane	2.793	50	699978	8.963	ppbv	100
5) Vinyl Chloride	2.899	62	713101	9.264	ppbv	97
6) Bromomethane	3.099	94	364517	9.214	ppbv	95
7) Chloroethane	3.176	64	252261	9.496	ppbv	96
8) Dichlorotetrafluoroethane	2.835	85	1697946	9.031	ppbv	99
9) Propene	2.674	41	639582	9.482	ppbv	96
10) Heptane	7.568	43	1491349	9.841	ppbv	99
11) Trichlorofluoromethane	3.545	101	1658278	8.800	ppbv	100
12) 1,1,2-Trichlorotrifluo...	4.050	101	1213196	8.941	ppbv	99
13) Ethanol	3.224	45	13420	2.226	ppbv #	1
14) Bromoethene	3.346	108	507449	9.593	ppbv	100
15) Acetone	3.449	43	1230438	8.780	ppbv	99
16) 1,3-Butadiene	2.964	39	668082	8.923	ppbv	96
17) tert-Butyl alcohol	3.857	59	1324286	10.362	ppbv	100
18) 1,1-Dichloroethene	3.861	96	557323	9.602	ppbv	98
19) Isopropyl Alcohol	3.555	45	721368	8.805	ppbv	99
20) Methylene Chloride	3.915	84	448788	8.588	ppbv	97
21) Allyl Chloride	3.980	41	895495	9.744	ppbv	99
22) trans-1,2-Dichloroethene	4.430	96	558720	9.627	ppbv	99
23) Vinyl Acetate	4.610	43	1095721	10.238	ppbv	99
24) 1,1-Dichloroethane	4.545	63	1130815	8.974	ppbv	100
25) Ethyl Acetate	5.189	43	2667366	9.581	ppbv	99
26) Hexane	5.198	57	1124469	9.737	ppbv	99
27) Carbon Disulfide	4.105	76	1334231	9.875	ppbv	98
28) Methyl tert-Butyl Ether	4.571	73	697129	9.572	ppbv	99
29) Chloroform	5.259	83	1729039	9.179	ppbv	97
30) Cyclohexane	6.587	84	960876	10.217	ppbv	100
31) cis-1,2-Dichloroethene	5.063	61	1119982	9.817	ppbv	95
32) 1,1,1-Trichloroethane	5.989	97	1701553	9.280	ppbv	99
34) 2-Butanone	4.771	43	1622167	9.886	ppbv	100
35) Carbon Tetrachloride	6.481	117	1763315	9.425	ppbv	99
36) Benzene	6.359	78	2398715	9.678	ppbv	99
37) 1,2-Dichloroethane	5.793	62	1330637	9.592	ppbv	99
38) Trichloroethene	7.282	130	1077080	9.485	ppbv	98
39) 1,2-Dichloropropane	7.063	63	922512	9.722	ppbv	97
40) 1,4-Dioxane	7.278	88	291753	7.654	ppbv #	37
41) Tetrahydrofuran	5.542	42	998498	10.640	ppbv	99
42) Bromodichloromethane	7.240	83	1912987	9.550	ppbv	98
43) Methyl Methacrylate	7.465	69	968598	10.898	ppbv	99
44) 2,2,4-Trimethylpentane	7.314	57	3920496	9.470	ppbv	100
45) t-1,3-Dichloropropene	8.700	75	983393	12.021	ppbv	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL072524\
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 Acq On : 25 Jul 2024 19:31
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 Sample : VSTDICV010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

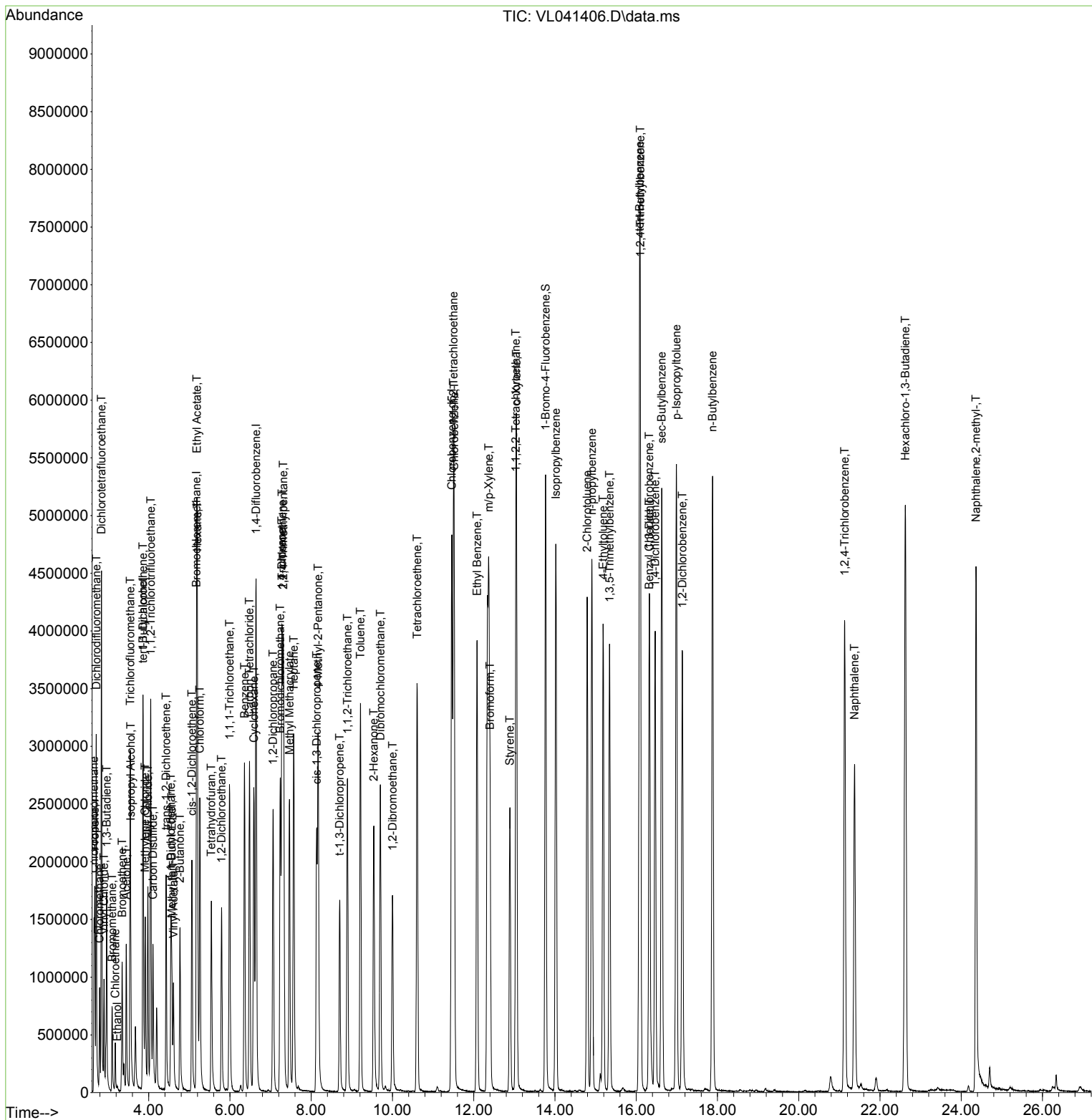
Instrument :
 MSVOA_L
 ClientSampleId :

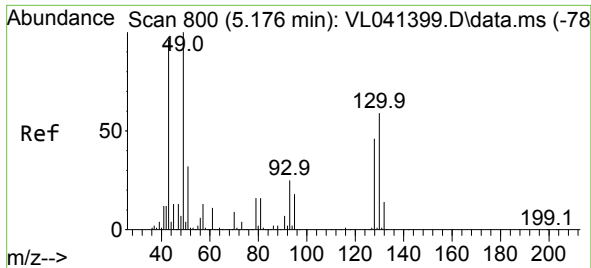
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 Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Fri Jul 26 07:31:14 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.134	75	1301297	11.015	ppbv	96
47) 1,1,2-Trichloroethane	8.893	97	988701	9.452	ppbv	97
48) Dibromochloromethane	9.703	129	1650868	9.797	ppbv	100
49) Bromoform	12.404	173	1471871	10.340	ppbv	99
50) 4-Methyl-2-Pentanone	8.169	43	2646380	10.222	ppbv	99
51) 2-Hexanone	9.542	43	2152180	10.994	ppbv #	100
52) Tetrachloroethene	10.606	164	919784	9.604	ppbv	99
53) Toluene	9.211	91	2811445	10.183	ppbv	99
54) 1,2-Dibromoethane	10.002	107	1435862	10.313	ppbv	100
56) 1,1,1,2-Tetrachloroethane	11.503	131	1179925	7.752	ppbv #	56
57) Chlorobenzene	11.519	112	2154494	7.710	ppbv	98
58) Ethyl Benzene	12.082	91	3742890	8.273	ppbv	97
59) m/p-Xylene	12.368	91	3530325	9.040	ppbv #	45
60) o-Xylene	13.053	91	3021924	8.180	ppbv	99
61) Styrene	12.889	104	1515228	9.091	ppbv	99
62) Isopropylbenzene	14.021	105	4395572	7.827	ppbv	99
63) 1,1,2,2-Tetrachloroethane	13.037	83	1799183	7.712	ppbv	99
64) n-propylbenzene	14.908	120	1178085	8.023	ppbv	99
65) tert-Butylbenzene	16.082	119	3927896	7.743	ppbv	100
66) Benzyl Chloride	16.317	91	146994	4.518	ppbv #	66
67) sec-Butylbenzene	16.629	105	5460239	7.812	ppbv	99
69) p-Isopropyltoluene	16.989	119	4608861	7.947	ppbv	100
70) n-Butylbenzene	17.879	91	4724502	7.946	ppbv	100
71) 2-Chlorotoluene	14.793	91	3319940	8.016	ppbv	100
72) 4-Ethyltoluene	15.185	105	3595789	8.267	ppbv	99
73) 1,3,5-Trimethylbenzene	15.346	105	3106784	8.291	ppbv	99
74) 1,2,4-Trimethylbenzene	16.101	105	3420961	7.853	ppbv	98
75) 1,3-Dichlorobenzene	16.323	146	2143246	7.827	ppbv	100
76) 1,4-Dichlorobenzene	16.468	146	2089633	7.881	ppbv	100
77) 1,2-Dichlorobenzene	17.137	146	2088726	7.694	ppbv	100
78) Hexachloro-1,3-Butadiene	22.625	225	1608282	6.947	ppbv	100
79) Naphthalene	21.374	128	3604007	9.373	ppbv	99
80) Naphthalene,2-methyl-	24.365	142	3294736	10.222	ppbv	100
81) 1,2,4-Trichlorobenzene	21.130	180	1888152	8.252	ppbv	100

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

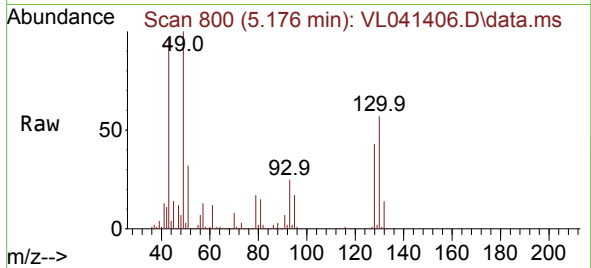
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Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 26 06:05:16 2022
QLast Update : Fri Jul 26 07:31:14 2024
Response via : Initial Calibration



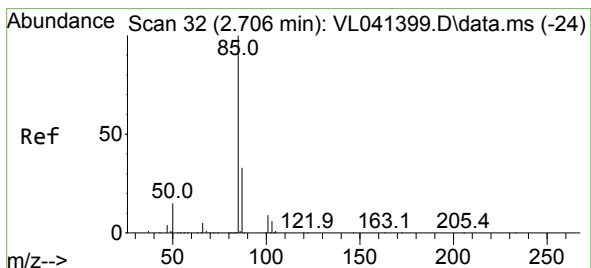
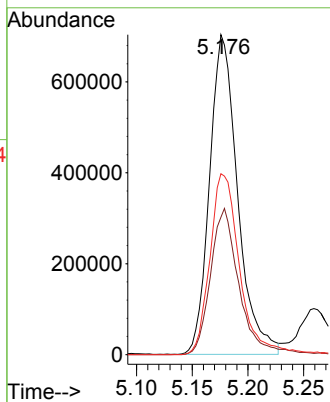
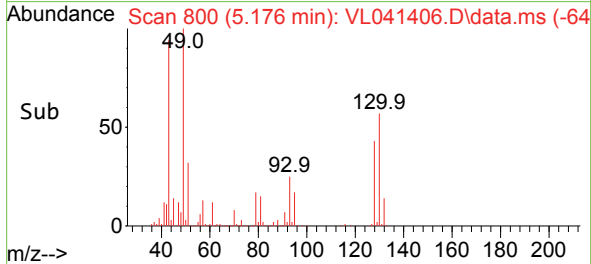


#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.176 min Scan# 80
Delta R.T. -0.000 min
Lab File: VL041406.D
Acq: 25 Jul 2024 19:31

Instrument :
MSVOA_L
ClientSampleId :

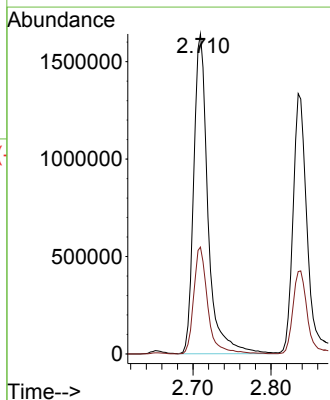
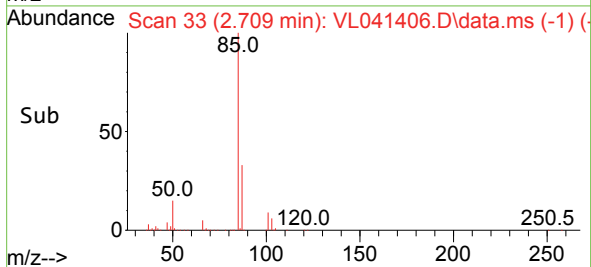
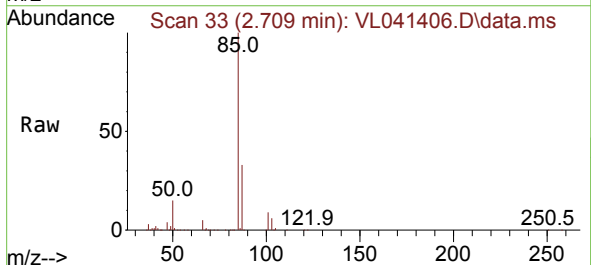


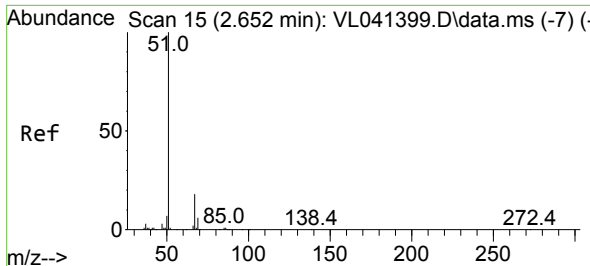
Tgt Ion: 49 Resp: 1233360
Ion Ratio Lower Upper
49 100
128 47.3 23.8 71.4
130 61.2 30.8 92.4



#2
Dichlorodifluoromethane
Concen: 9.847 ppbv
RT: 2.709 min Scan# 33
Delta R.T. 0.003 min
Lab File: VL041406.D
Acq: 25 Jul 2024 19:31

Tgt Ion: 85 Resp: 2089346
Ion Ratio Lower Upper
85 100
87 33.4 26.0 39.0

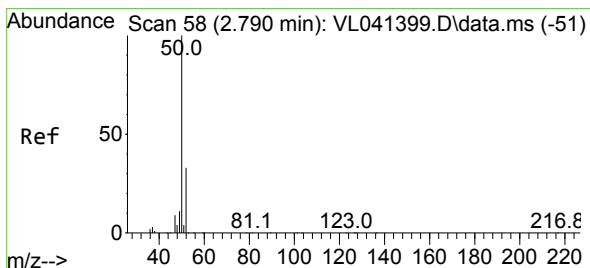
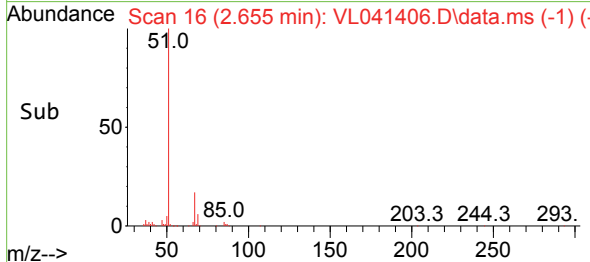
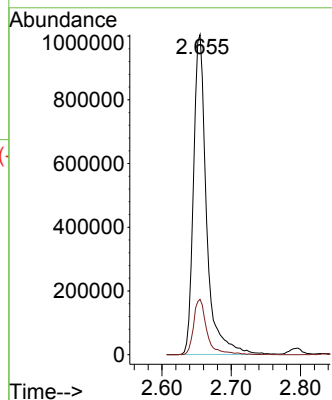
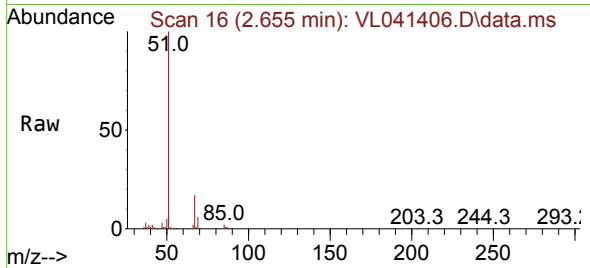




#3
Chlorodifluoromethane
Concen: 8.981 ppbv
RT: 2.655 min Scan# 1
Delta R.T. 0.003 min
Lab File: VL041406.D
Acq: 25 Jul 2024 19:31

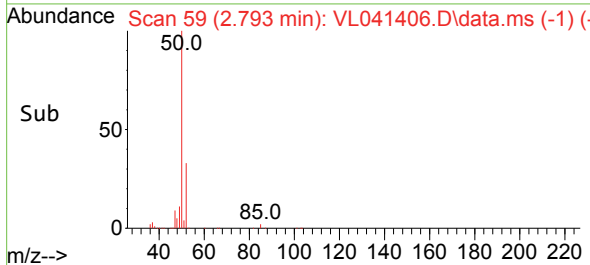
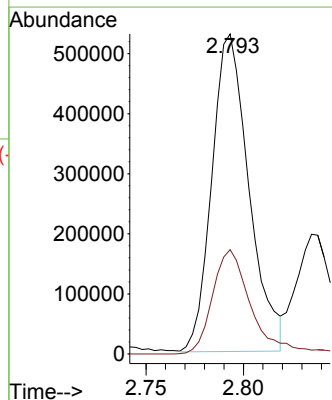
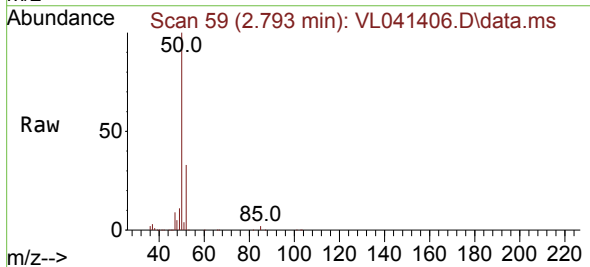
Instrument :
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ClientSampleId :

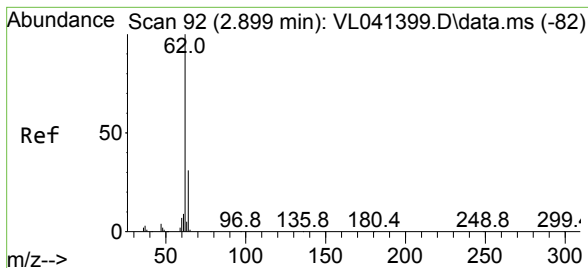
Tgt Ion: 51 Resp: 1318682
Ion Ratio Lower Upper
51 100
67 17.8 14.5 21.7



#4
Chloromethane
Concen: 8.963 ppbv
RT: 2.793 min Scan# 59
Delta R.T. 0.003 min
Lab File: VL041406.D
Acq: 25 Jul 2024 19:31

Tgt Ion: 50 Resp: 699978
Ion Ratio Lower Upper
50 100
52 32.8 26.1 39.1

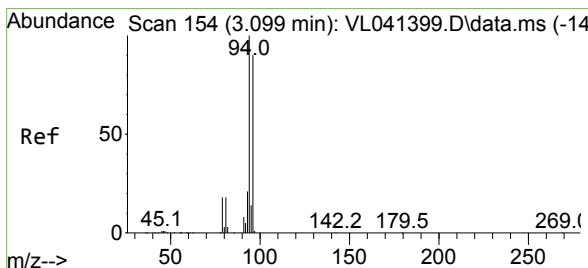
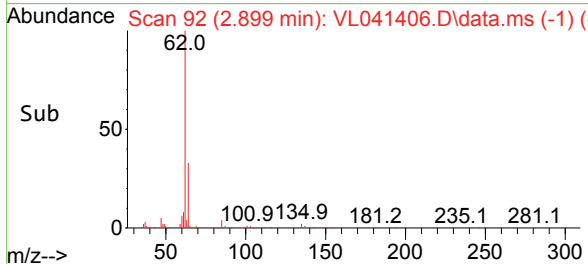
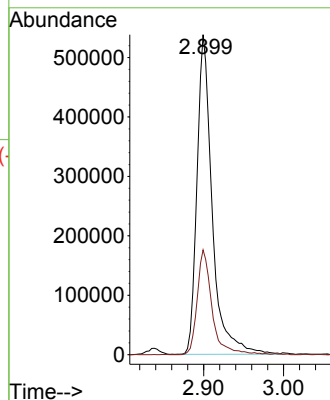
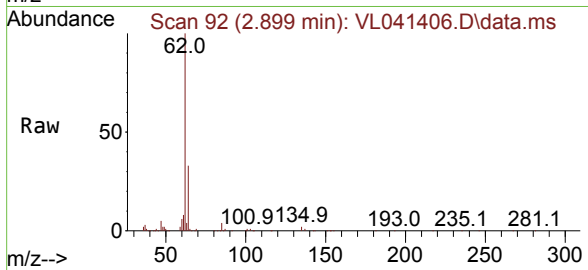




#5
 Vinyl Chloride
 Concen: 9.264 ppbv
 RT: 2.899 min Scan# 91
 Delta R.T. -0.000 min
 Lab File: VL041406.D
 Acq: 25 Jul 2024 19:31

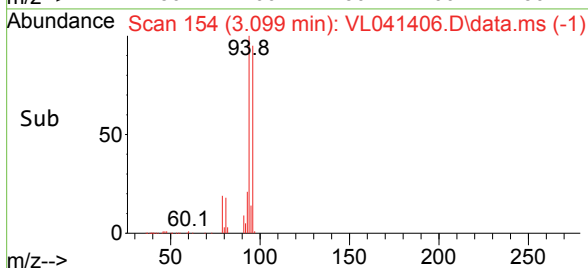
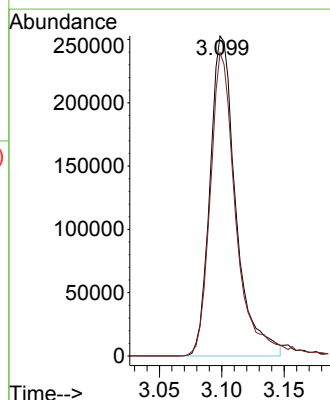
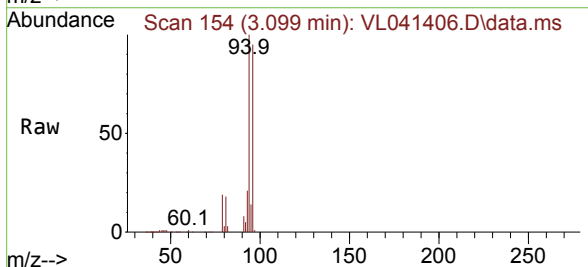
Instrument :
 MSVOA_L
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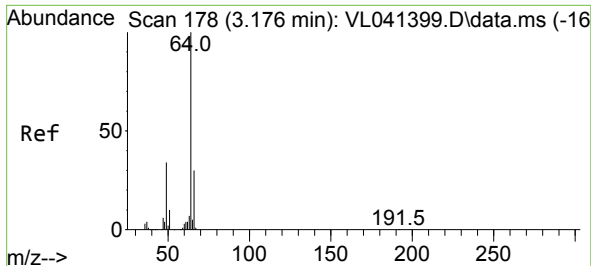
Tgt Ion: 62 Resp: 713101
 Ion Ratio Lower Upper
 62 100
 64 32.8 25.0 37.4



#6
 Bromomethane
 Concen: 9.214 ppbv
 RT: 3.099 min Scan# 154
 Delta R.T. -0.000 min
 Lab File: VL041406.D
 Acq: 25 Jul 2024 19:31

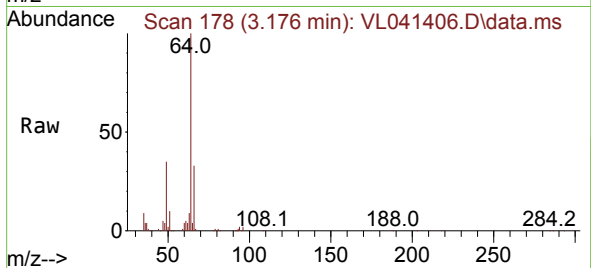
Tgt Ion: 94 Resp: 364517
 Ion Ratio Lower Upper
 94 100
 96 94.7 72.3 108.5



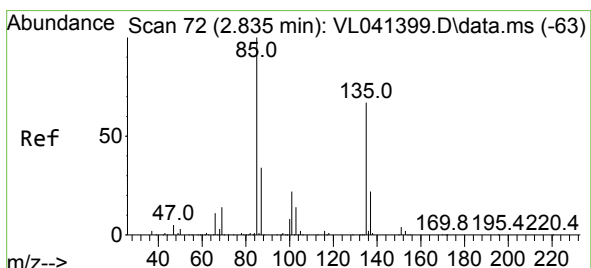
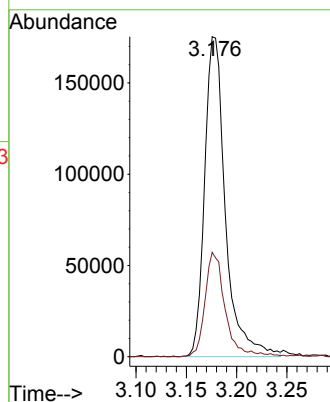
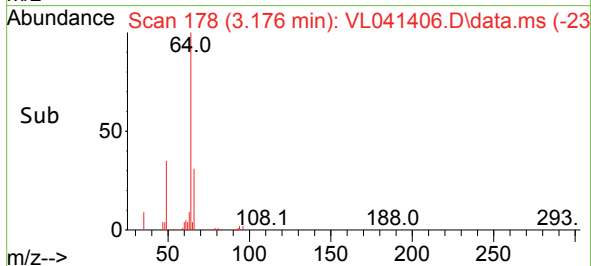


#7
Chloroethane
Concen: 9.496 ppbv
RT: 3.176 min Scan# 11
Delta R.T. -0.000 min
Lab File: VL041406.D
Acq: 25 Jul 2024 19:31

Instrument :
MSVOA_L
ClientSampleId :

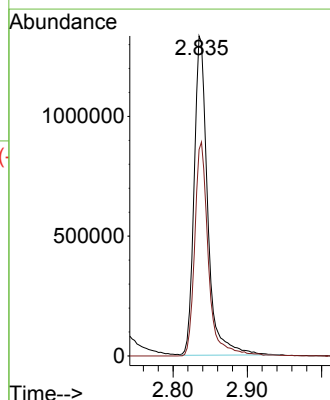
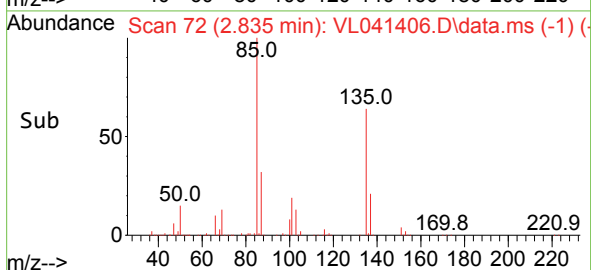
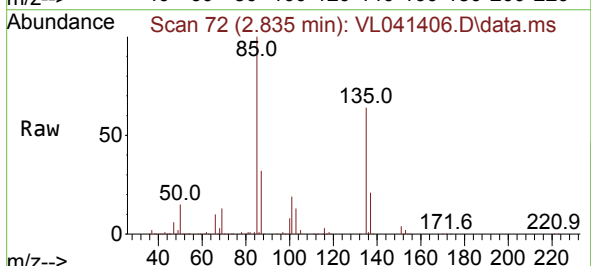


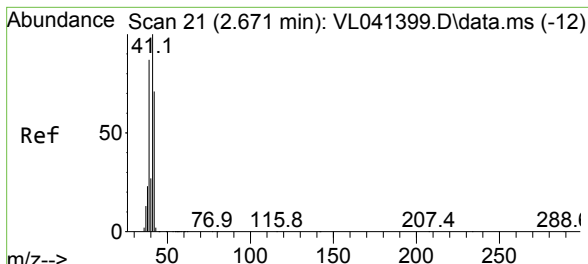
Tgt Ion: 64 Resp: 252261
Ion Ratio Lower Upper
64 100
66 32.6 24.2 36.2



#8
Dichlorotetrafluoroethane
Concen: 9.031 ppbv
RT: 2.835 min Scan# 72
Delta R.T. -0.000 min
Lab File: VL041406.D
Acq: 25 Jul 2024 19:31

Tgt Ion: 85 Resp: 1697946
Ion Ratio Lower Upper
85 100
135 68.1 55.4 83.0

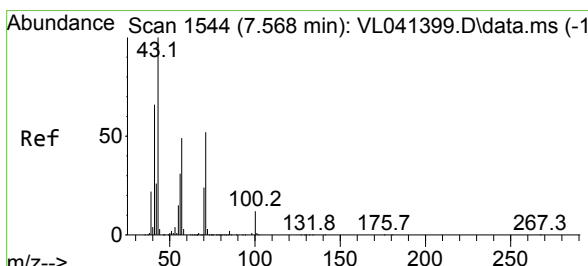
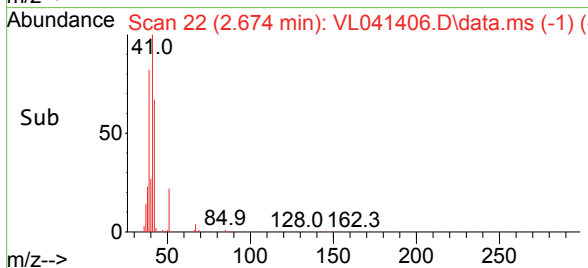
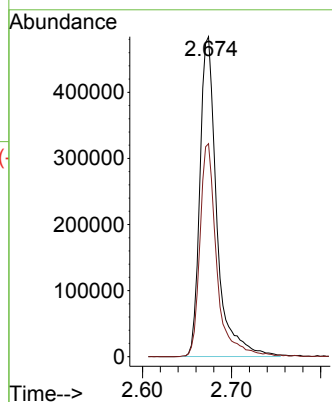
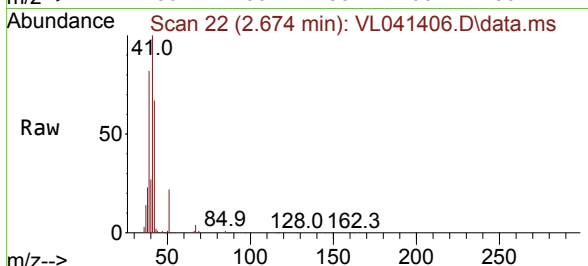




#9
Propene
Concen: 9.482 ppbv
RT: 2.674 min Scan# 21
Delta R.T. 0.003 min
Lab File: VL041406.D
Acq: 25 Jul 2024 19:31

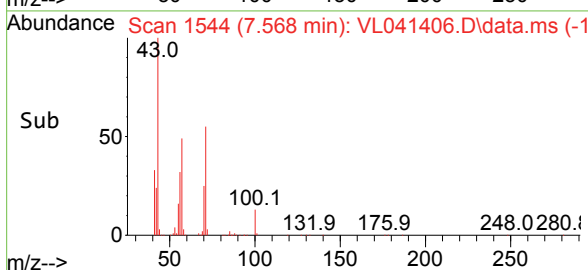
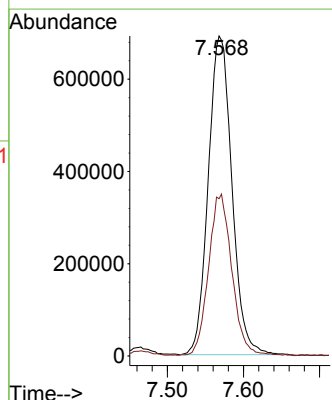
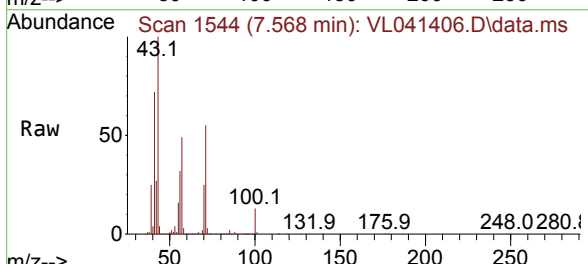
Instrument :
MSVOA_L
ClientSampleId :

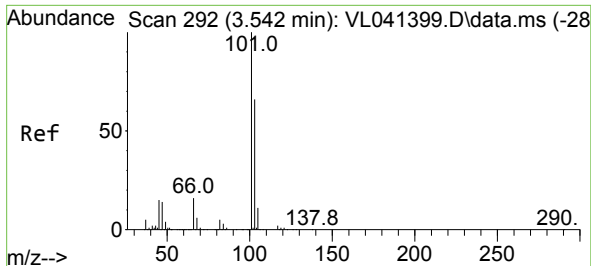
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Ion Ratio Lower Upper
41 100
42 66.7 55.9 83.9



#10
Heptane
Concen: 9.841 ppbv
RT: 7.568 min Scan# 1544
Delta R.T. -0.000 min
Lab File: VL041406.D
Acq: 25 Jul 2024 19:31

Tgt Ion: 43 Resp: 1491349
Ion Ratio Lower Upper
43 100
57 50.0 40.5 60.7

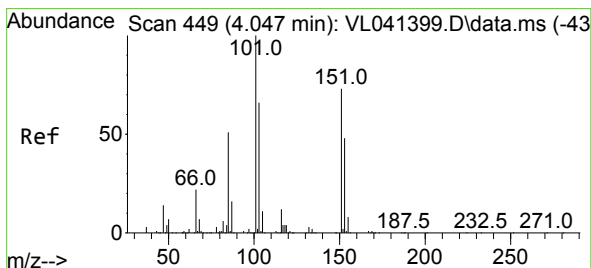
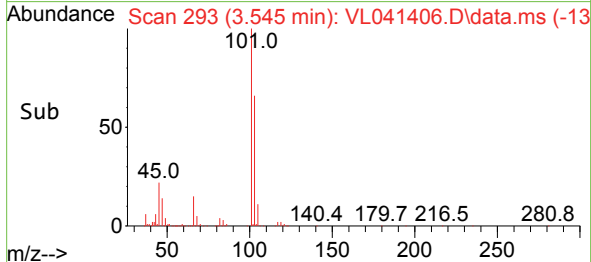
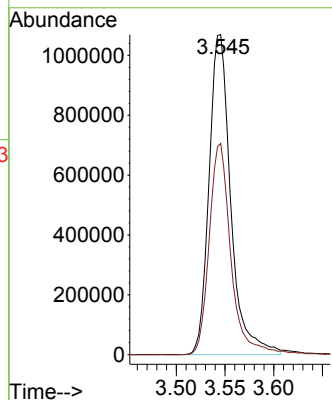
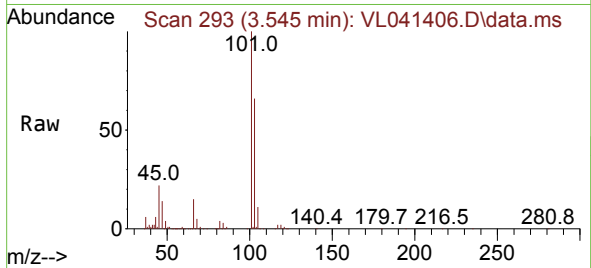




#11
Trichlorofluoromethane
Concen: 8.800 ppbv
RT: 3.545 min Scan# 292
Delta R.T. 0.003 min
Lab File: VL041406.D
Acq: 25 Jul 2024 19:31

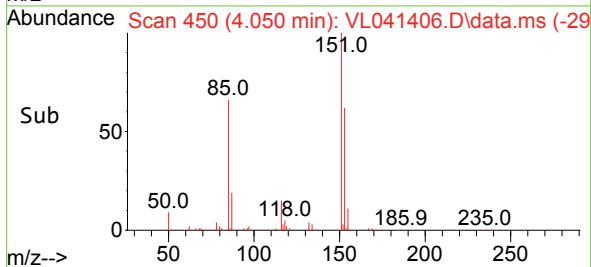
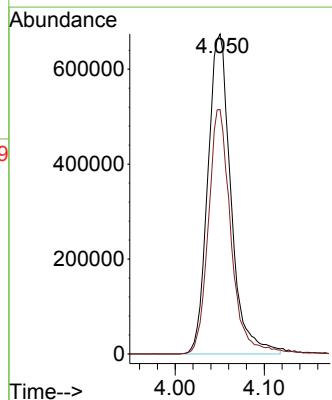
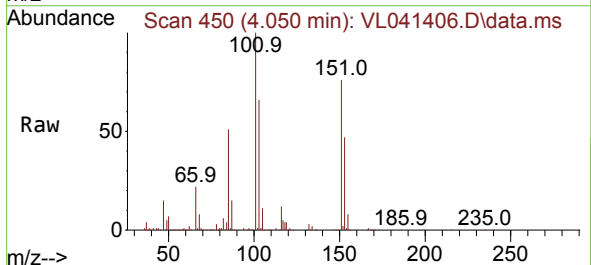
Instrument :
MSVOA_L
ClientSampleId :

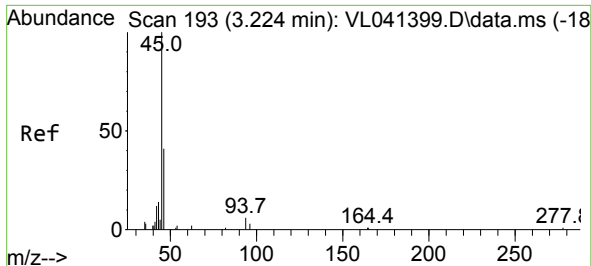
Tgt Ion:101 Resp: 1658278
Ion Ratio Lower Upper
101 100
103 66.0 52.6 79.0



#12
1,1,2-Trichlorotrifluoroethane
Concen: 8.941 ppbv
RT: 4.050 min Scan# 450
Delta R.T. 0.003 min
Lab File: VL041406.D
Acq: 25 Jul 2024 19:31

Tgt Ion:101 Resp: 1213196
Ion Ratio Lower Upper
101 100
151 75.1 59.4 89.2

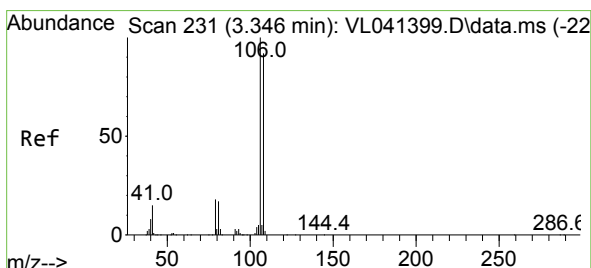
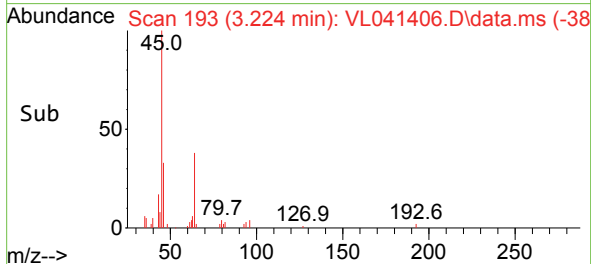
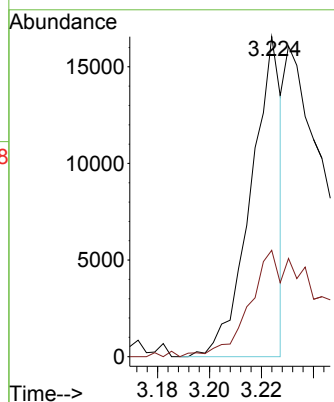
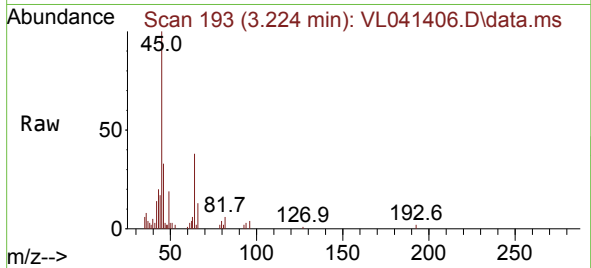




#13
Ethanol
Concen: 2.226 ppbv
RT: 3.224 min Scan# 193
Delta R.T. -0.000 min
Lab File: VL041406.D
Acq: 25 Jul 2024 19:31

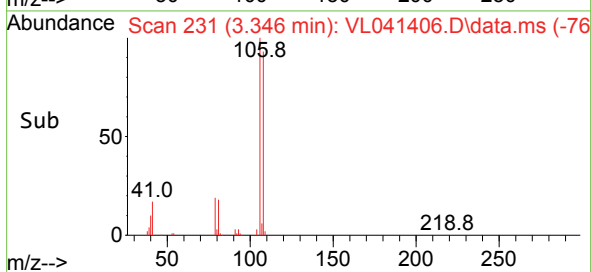
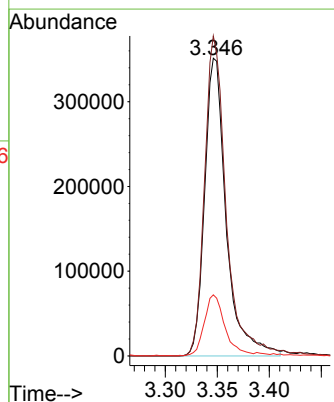
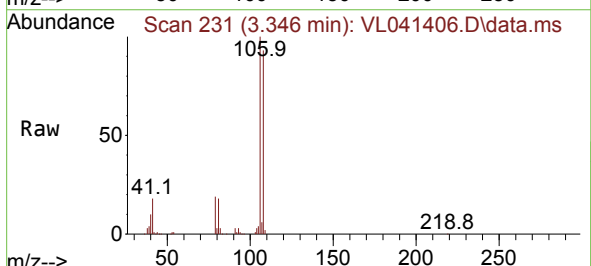
Instrument :
MSVOA_L
ClientSampleId :

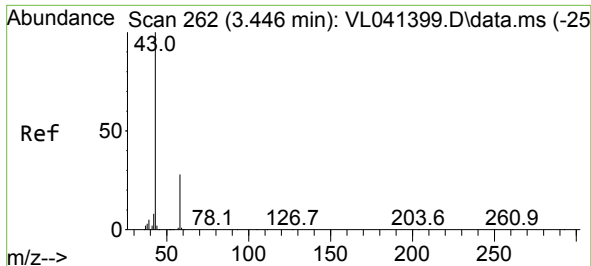
Tgt Ion: 45 Resp: 13420
Ion Ratio Lower Upper
45 100
46 94.8 13.4 53.4#



#14
Bromoethene
Concen: 9.593 ppbv
RT: 3.346 min Scan# 231
Delta R.T. -0.000 min
Lab File: VL041406.D
Acq: 25 Jul 2024 19:31

Tgt Ion:108 Resp: 507449
Ion Ratio Lower Upper
108 100
106 108.5 86.9 130.3
79 20.4 16.2 24.4

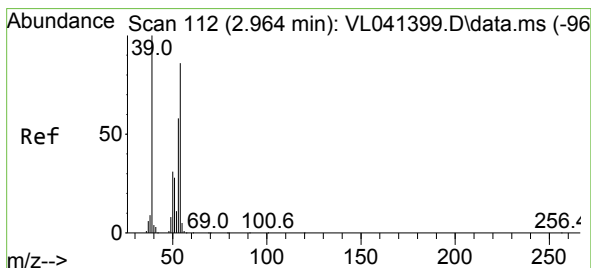
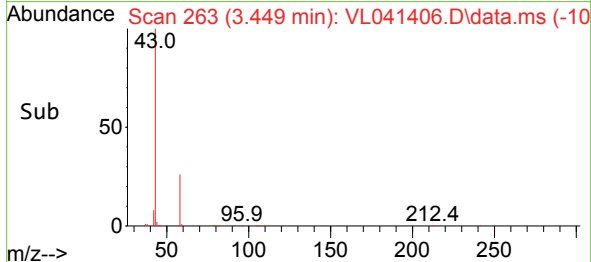
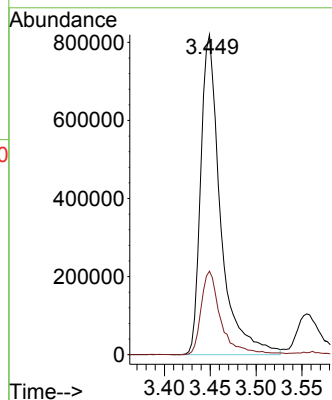
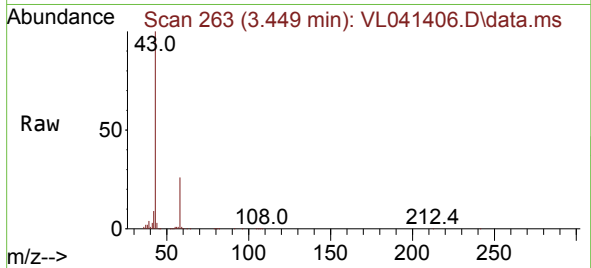




#15
Acetone
Concen: 8.780 ppbv
RT: 3.449 min Scan# 20
Delta R.T. 0.003 min
Lab File: VL041406.D
Acq: 25 Jul 2024 19:31

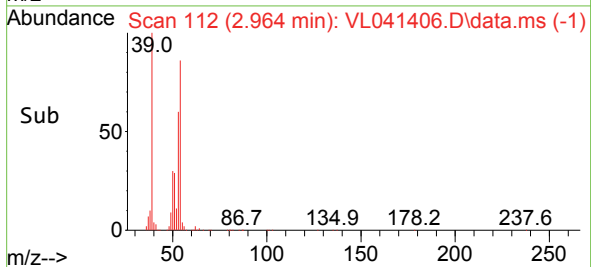
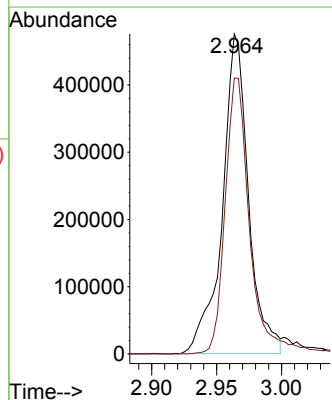
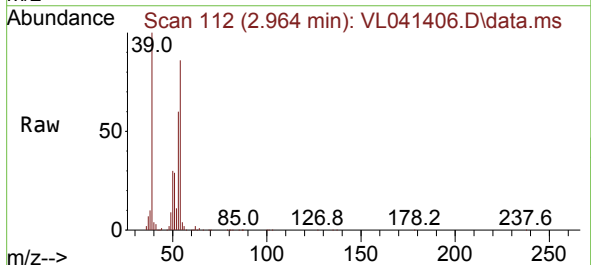
Instrument :
MSVOA_L
ClientSampleId :

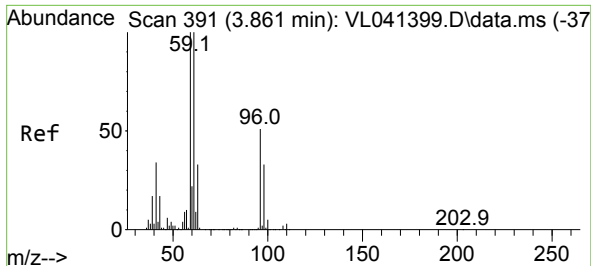
Tgt Ion: 43 Resp: 1230438
Ion Ratio Lower Upper
43 100
58 26.2 21.4 32.2



#16
1,3-Butadiene
Concen: 8.923 ppbv
RT: 2.964 min Scan# 112
Delta R.T. -0.000 min
Lab File: VL041406.D
Acq: 25 Jul 2024 19:31

Tgt Ion: 39 Resp: 668082
Ion Ratio Lower Upper
39 100
54 82.0 62.5 93.7





#17

tert-Butyl alcohol

Concen: 10.362 ppbv

RT: 3.857 min Scan# 390

Delta R.T. -0.003 min

Lab File: VL041406.D

Acq: 25 Jul 2024 19:31

Instrument :

MSVOA_L

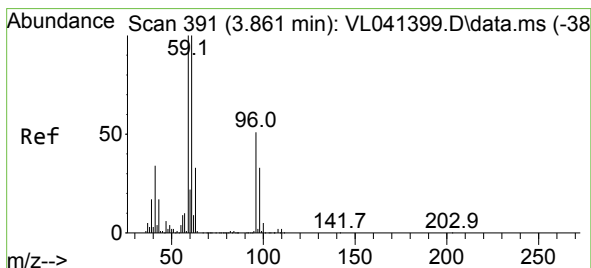
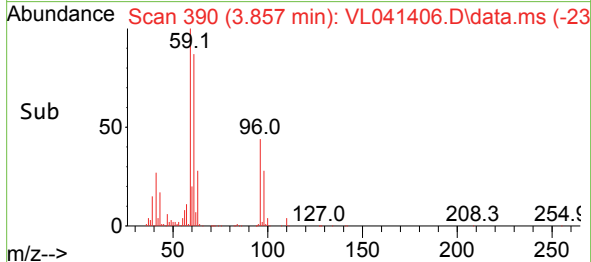
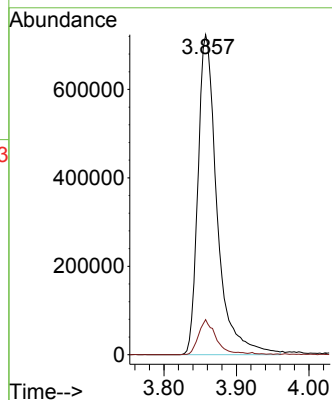
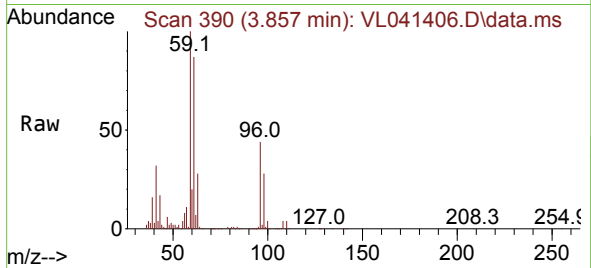
ClientSampleId :

Tgt Ion: 59 Resp: 1324286

Ion Ratio Lower Upper

59 100

57 10.8 8.6 12.8



#18

1,1-Dichloroethene

Concen: 9.602 ppbv

RT: 3.861 min Scan# 391

Delta R.T. -0.000 min

Lab File: VL041406.D

Acq: 25 Jul 2024 19:31

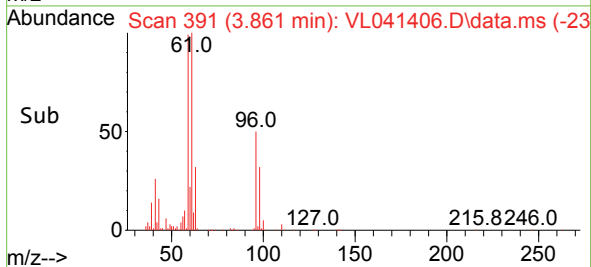
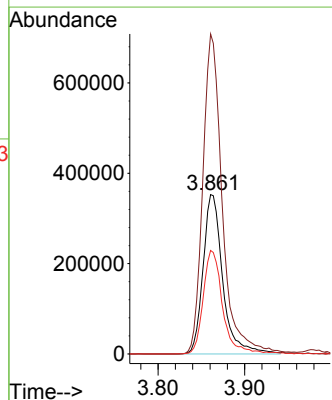
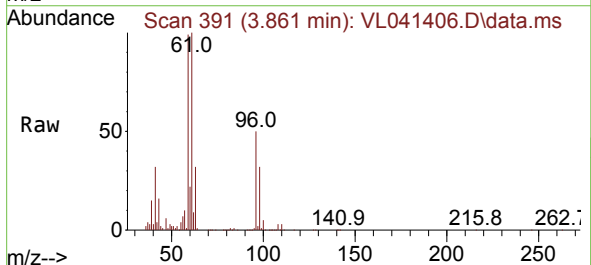
Tgt Ion: 96 Resp: 557323

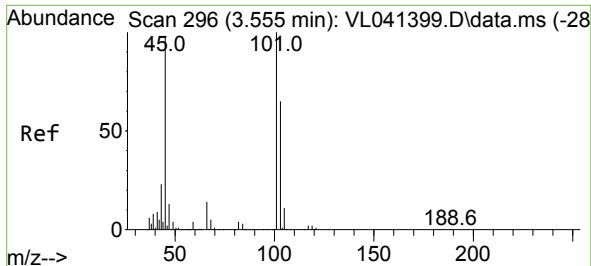
Ion Ratio Lower Upper

96 100

61 200.7 157.5 236.3

98 65.0 51.2 76.8

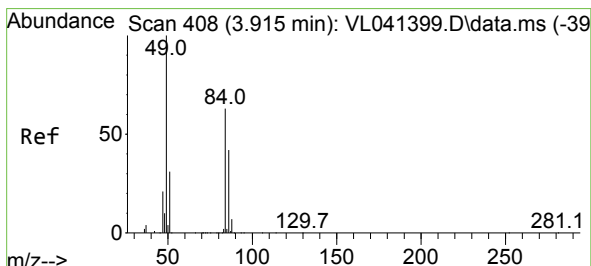
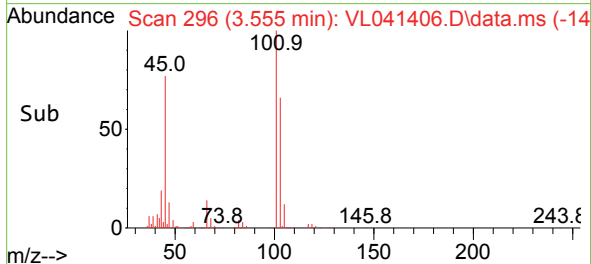
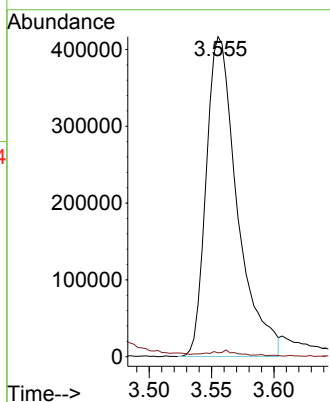
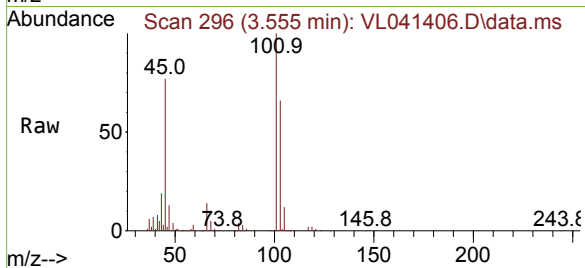




#19
Isopropyl Alcohol
Concen: 8.805 ppbv
RT: 3.555 min Scan# 296
Delta R.T. -0.000 min
Lab File: VL041406.D
Acq: 25 Jul 2024 19:31

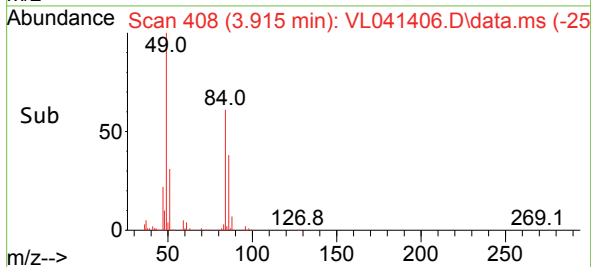
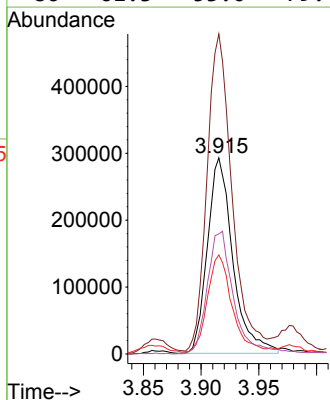
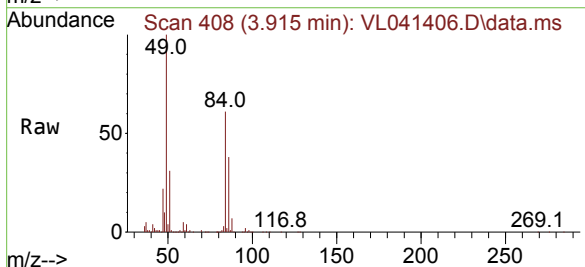
Instrument :
MSVOA_L
ClientSampleId :

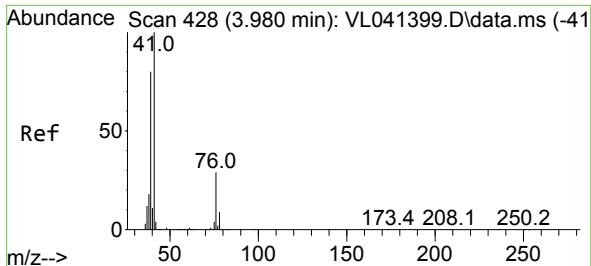
Tgt Ion: 45 Resp: 721368
Ion Ratio Lower Upper
45 100
58 2.1 1.9 2.9



#20
Methylene Chloride
Concen: 8.588 ppbv
RT: 3.915 min Scan# 408
Delta R.T. -0.000 min
Lab File: VL041406.D
Acq: 25 Jul 2024 19:31

Tgt Ion: 84 Resp: 448788
Ion Ratio Lower Upper
84 100
49 161.8 126.6 190.0
51 49.2 38.6 58.0
86 61.3 53.0 79.4

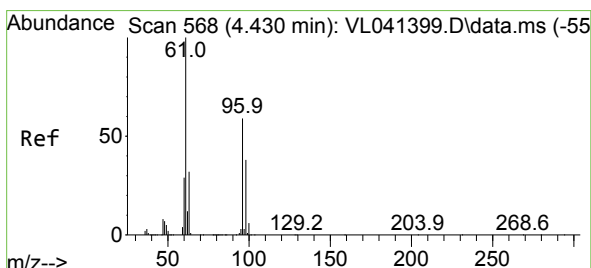
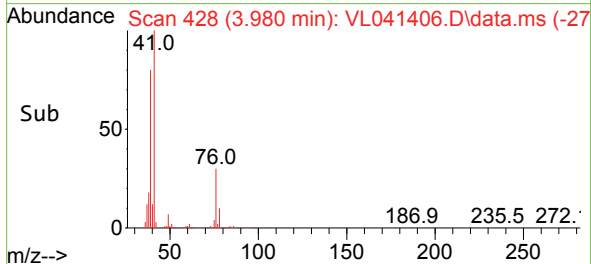
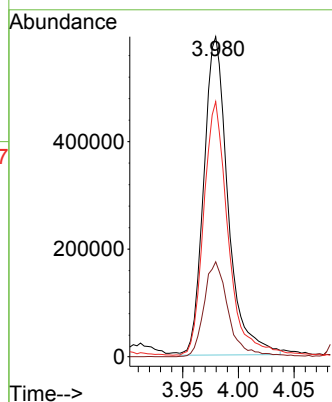
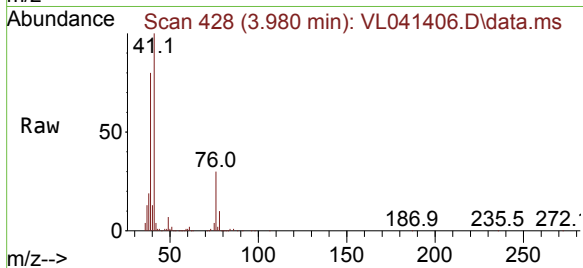




#21
 Allyl Chloride
 Concen: 9.744 ppbv
 RT: 3.980 min Scan# 41
 Delta R.T. -0.000 min
 Lab File: VL041406.D
 Acq: 25 Jul 2024 19:31

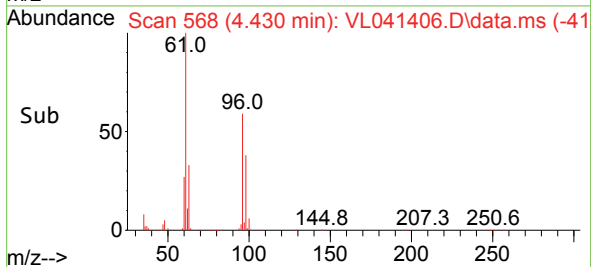
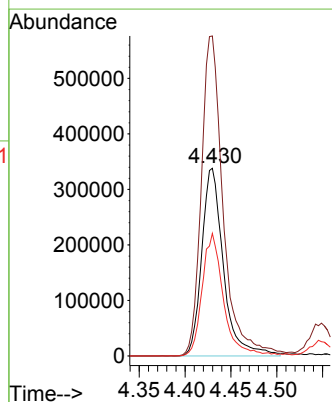
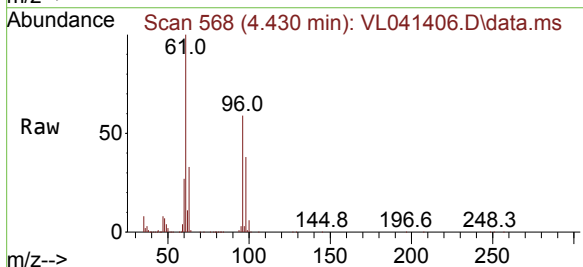
Instrument :
 MSVOA_L
 ClientSampleId :

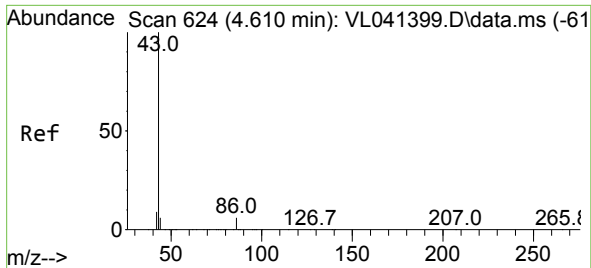
Tgt Ion: 41 Resp: 895495
 Ion Ratio Lower Upper
 41 100
 76 30.2 23.7 35.5
 39 81.2 64.3 96.5



#22
 trans-1,2-Dichloroethene
 Concen: 9.627 ppbv
 RT: 4.430 min Scan# 568
 Delta R.T. -0.000 min
 Lab File: VL041406.D
 Acq: 25 Jul 2024 19:31

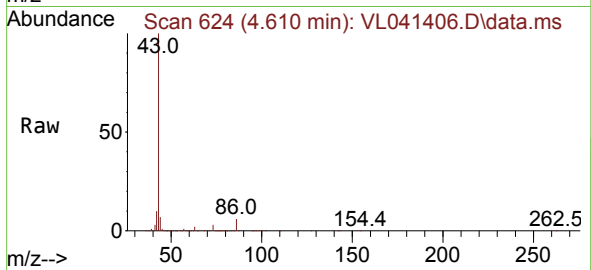
Tgt Ion: 96 Resp: 558720
 Ion Ratio Lower Upper
 96 100
 61 170.1 135.4 203.2
 98 65.2 51.0 76.4





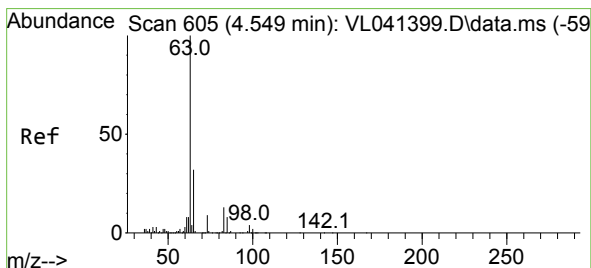
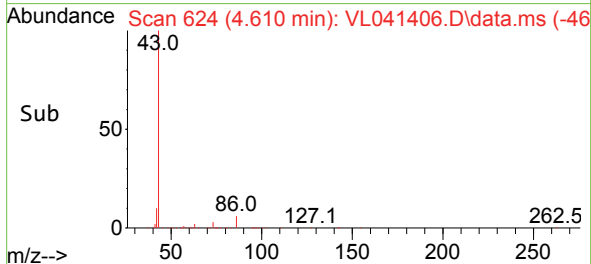
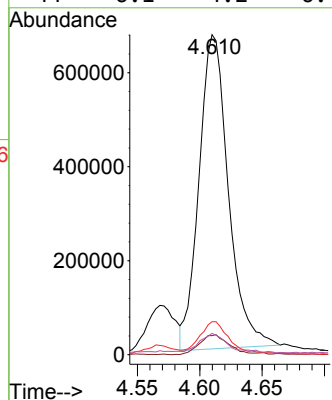
#23
 Vinyl Acetate
 Concen: 10.238 ppbv
 RT: 4.610 min Scan# 61
 Delta R.T. -0.000 min
 Lab File: VL041406.D
 Acq: 25 Jul 2024 19:31

Instrument :
 MSVOA_L
 ClientSampleId :



Tgt Ion: 43 Resp: 1095721

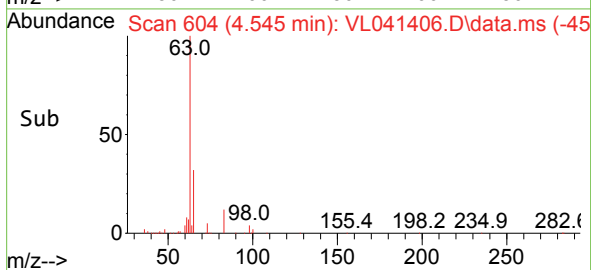
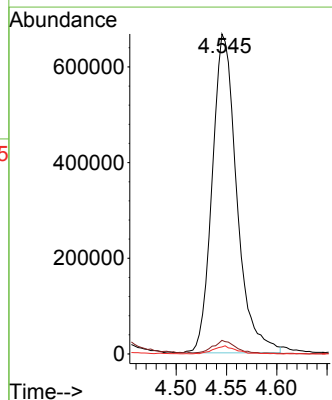
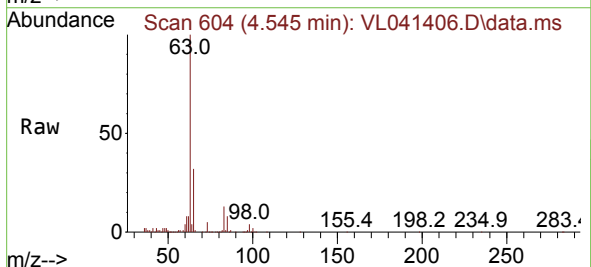
Ion	Ratio	Lower	Upper
43	100		
86	6.0	4.6	6.8
42	10.1	7.9	11.9
44	6.1	4.2	6.4

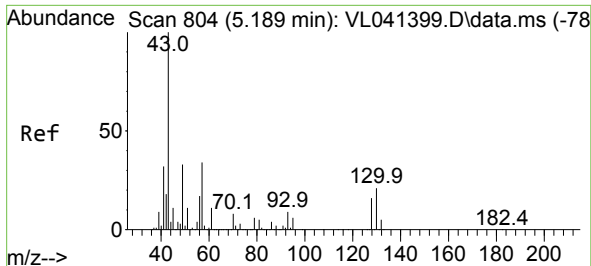


#24
 1,1-Dichloroethane
 Concen: 8.974 ppbv
 RT: 4.545 min Scan# 604
 Delta R.T. -0.003 min
 Lab File: VL041406.D
 Acq: 25 Jul 2024 19:31

Tgt Ion: 63 Resp: 1130815

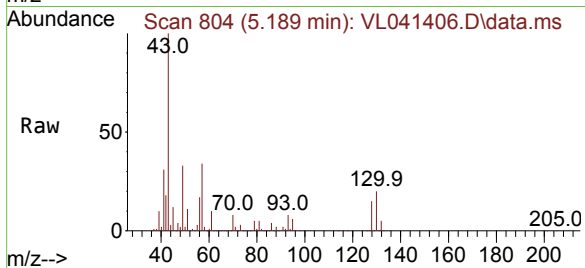
Ion	Ratio	Lower	Upper
63	100		
98	4.1	2.0	6.0
100	2.2	1.2	3.6





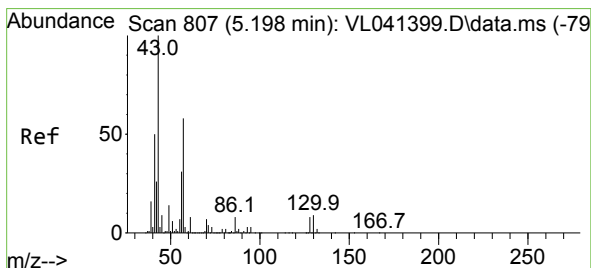
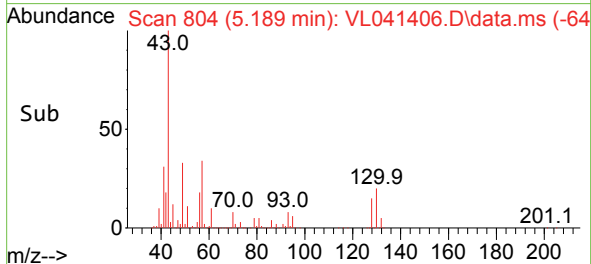
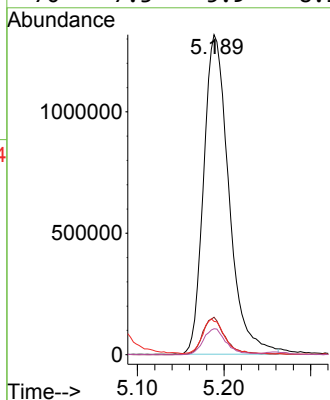
#25
Ethyl Acetate
Concen: 9.581 ppbv
RT: 5.189 min Scan# 804
Delta R.T. -0.000 min
Lab File: VL041406.D
Acq: 25 Jul 2024 19:31

Instrument :
MSVOA_L
ClientSampleId :



Tgt Ion: 43 Resp: 2667366

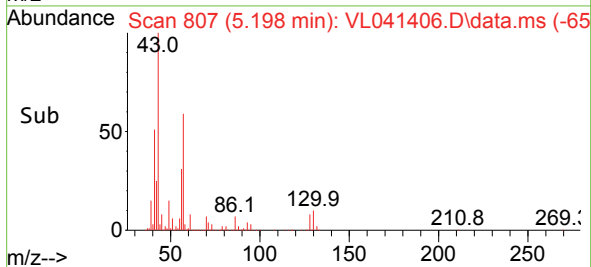
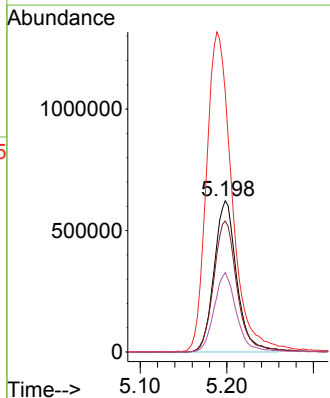
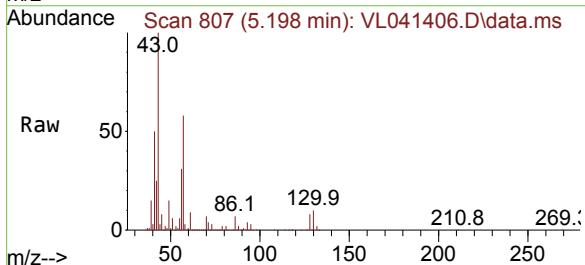
Ion	Ratio	Lower	Upper
43	100		
45	10.7	8.5	12.7
61	11.0	8.0	12.0
70	7.3	5.9	8.9

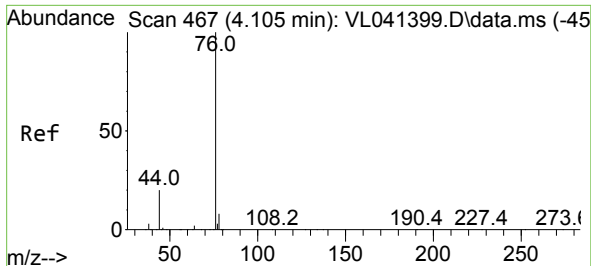


#26
Hexane
Concen: 9.737 ppbv
RT: 5.198 min Scan# 807
Delta R.T. -0.000 min
Lab File: VL041406.D
Acq: 25 Jul 2024 19:31

Tgt Ion: 57 Resp: 1124469

Ion	Ratio	Lower	Upper
57	100		
41	91.1	74.0	111.0
43	240.1	193.6	290.4
56	52.3	43.1	64.7

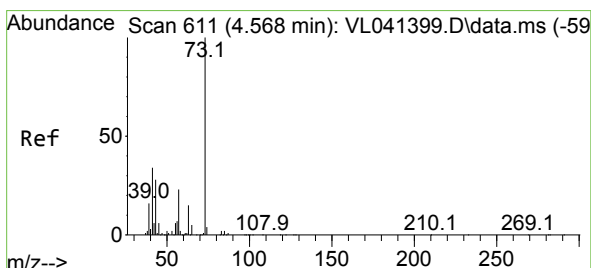
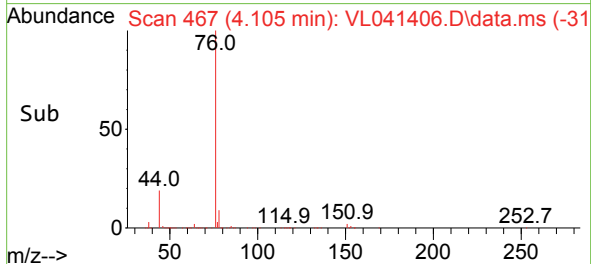
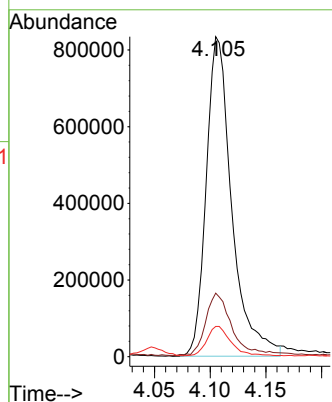
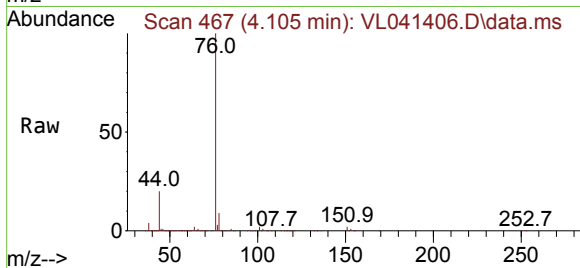




#27
Carbon Disulfide
Concen: 9.875 ppbv
RT: 4.105 min Scan# 41
Delta R.T. -0.000 min
Lab File: VL041406.D
Acq: 25 Jul 2024 19:31

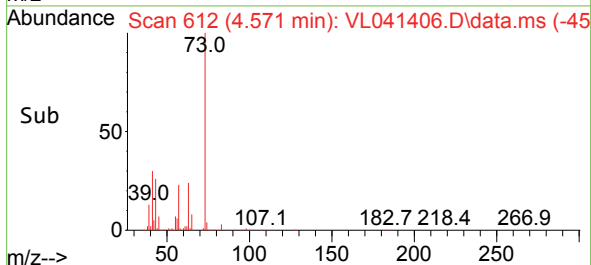
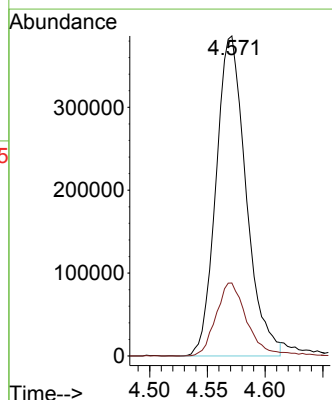
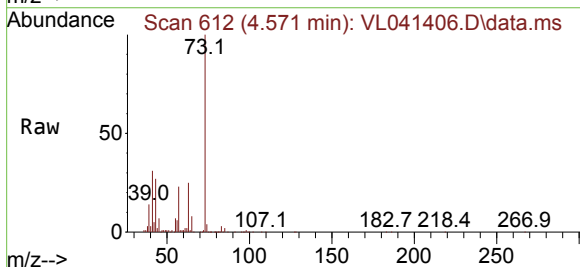
Instrument :
MSVOA_L
ClientSampleId :

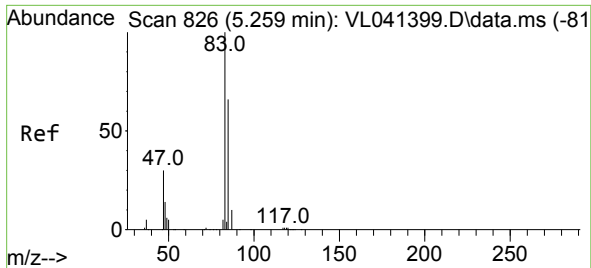
Tgt Ion: 76 Resp: 1334231
Ion Ratio Lower Upper
76 100
44 20.7 15.6 23.4
78 9.9 7.7 11.5



#28
Methyl tert-Butyl Ether
Concen: 9.572 ppbv
RT: 4.571 min Scan# 612
Delta R.T. 0.003 min
Lab File: VL041406.D
Acq: 25 Jul 2024 19:31

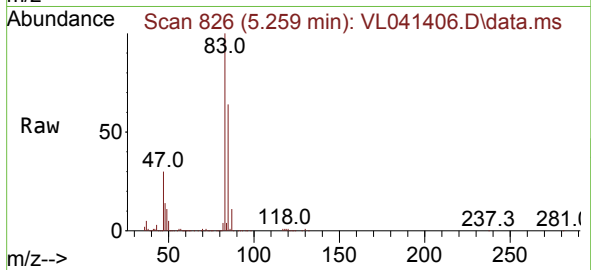
Tgt Ion: 73 Resp: 697129
Ion Ratio Lower Upper
73 100
57 24.0 18.9 28.3



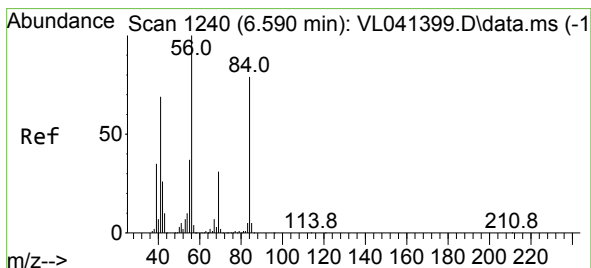
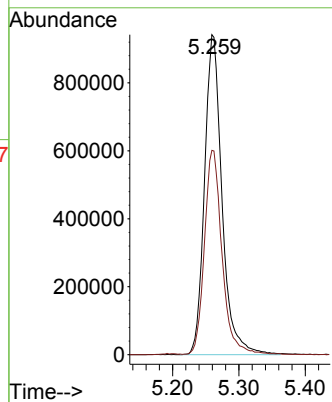
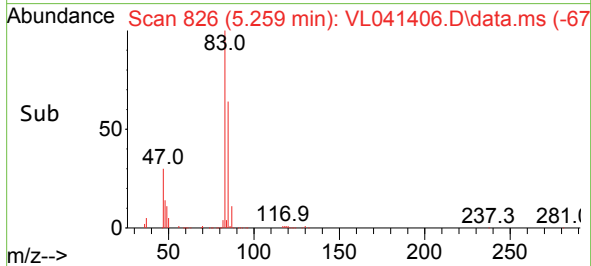


#29
Chloroform
Concen: 9.179 ppbv
RT: 5.259 min Scan# 81
Delta R.T. -0.000 min
Lab File: VL041406.D
Acq: 25 Jul 2024 19:31

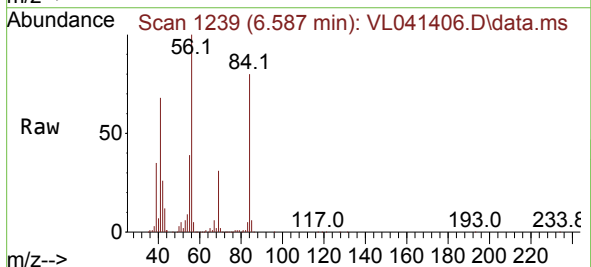
Instrument :
MSVOA_L
ClientSampleId :



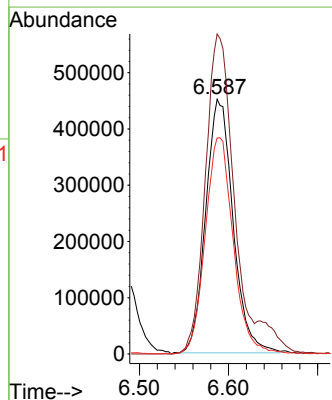
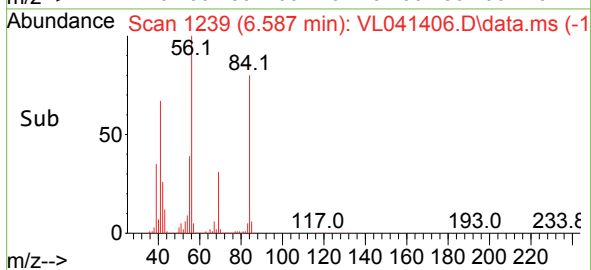
Tgt Ion: 83 Resp: 1729039
Ion Ratio Lower Upper
83 100
85 63.6 53.1 79.7

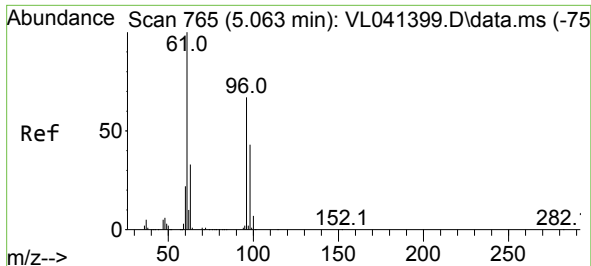


#30
Cyclohexane
Concen: 10.217 ppbv
RT: 6.587 min Scan# 1239
Delta R.T. -0.003 min
Lab File: VL041406.D
Acq: 25 Jul 2024 19:31



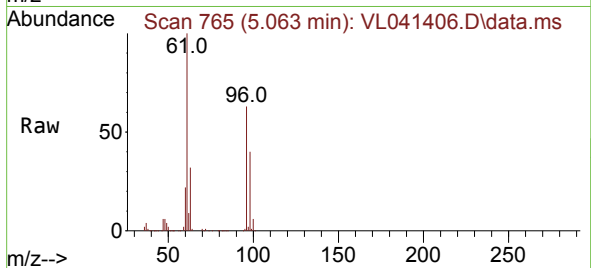
Tgt Ion: 84 Resp: 960876
Ion Ratio Lower Upper
84 100
56 138.1 111.2 166.8
41 87.9 70.3 105.5





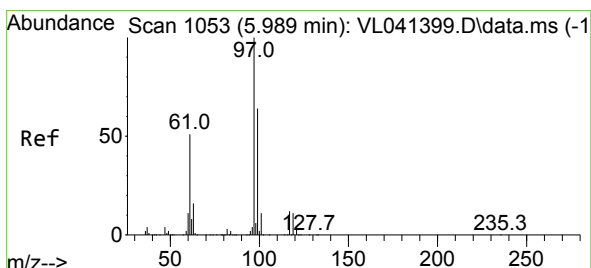
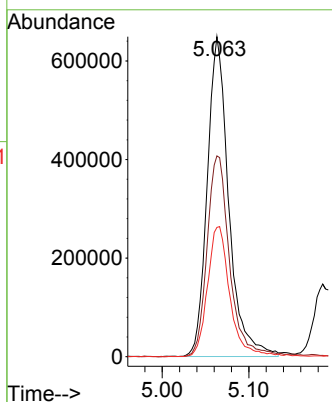
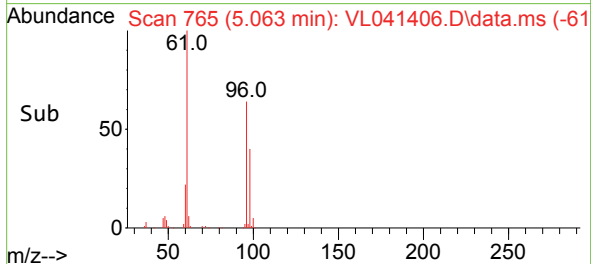
#31
 cis-1,2-Dichloroethene
 Concen: 9.817 ppbv
 RT: 5.063 min Scan# 765
 Delta R.T. -0.000 min
 Lab File: VL041406.D
 Acq: 25 Jul 2024 19:31

Instrument :
 MSVOA_L
 ClientSampleId :



Tgt Ion: 61 Resp: 1119982

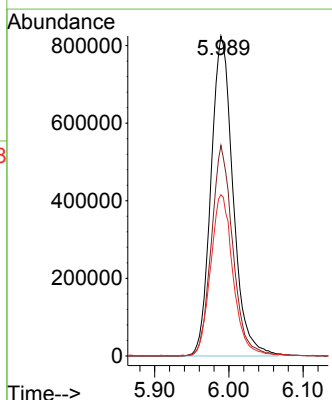
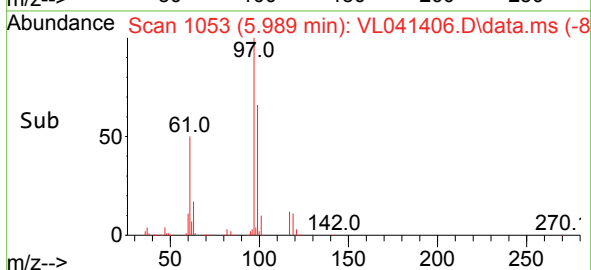
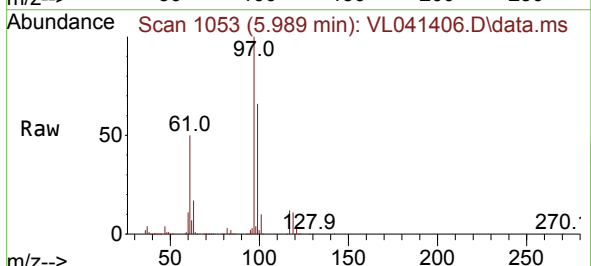
Ion	Ratio	Lower	Upper
61	100		
96	62.8	53.4	80.2
98	40.4	34.4	51.6

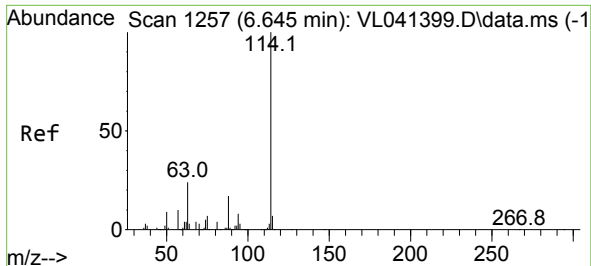


#32
 1,1,1-Trichloroethane
 Concen: 9.280 ppbv
 RT: 5.989 min Scan# 1053
 Delta R.T. -0.000 min
 Lab File: VL041406.D
 Acq: 25 Jul 2024 19:31

Tgt Ion: 97 Resp: 1701553

Ion	Ratio	Lower	Upper
97	100		
99	64.3	52.0	78.0
61	51.3	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: VL041406.D

Acq: 25 Jul 2024 19:31

Instrument :

MSVOA_L

ClientSampleId :

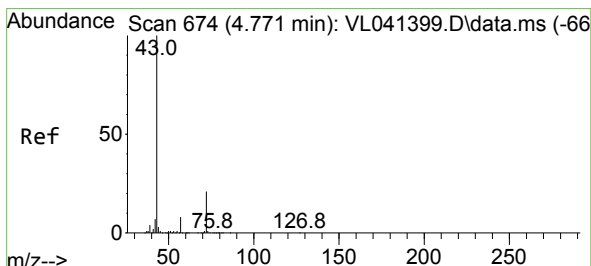
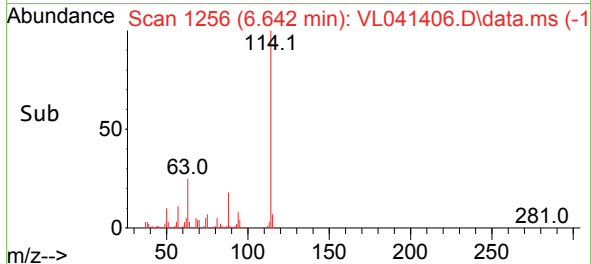
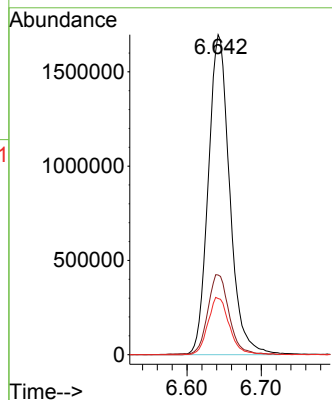
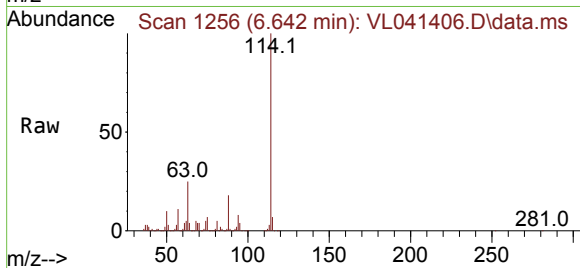
Tgt Ion:114 Resp: 3392081

Ion Ratio Lower Upper

114 100

63 25.2 20.3 30.5

88 17.9 14.3 21.5



#34

2-Butanone

Concen: 9.886 ppbv

RT: 4.771 min Scan# 674

Delta R.T. -0.000 min

Lab File: VL041406.D

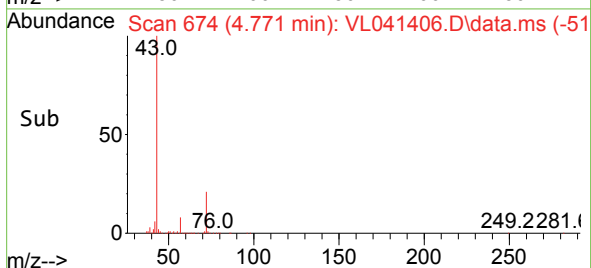
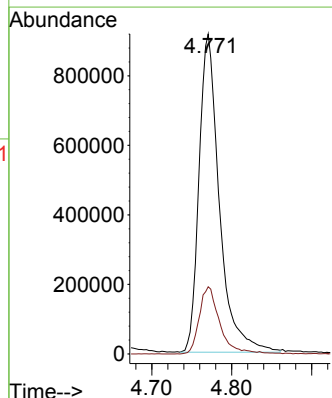
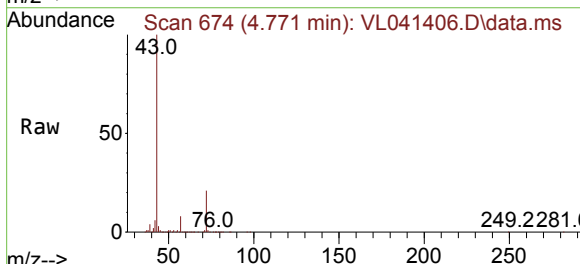
Acq: 25 Jul 2024 19:31

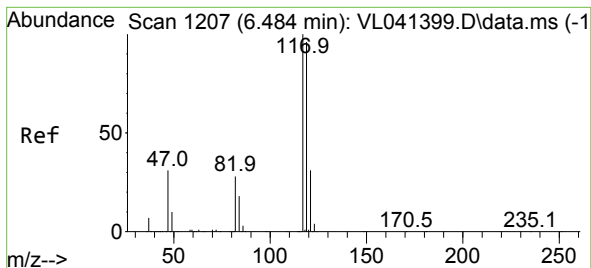
Tgt Ion: 43 Resp: 1622167

Ion Ratio Lower Upper

43 100

72 21.5 17.3 25.9





#35

Carbon Tetrachloride

Concen: 9.425 ppbv

RT: 6.481 min Scan# 117

Delta R.T. -0.003 min

Lab File: VL041406.D

Acq: 25 Jul 2024 19:31

Instrument :

MSVOA_L

ClientSampleId :

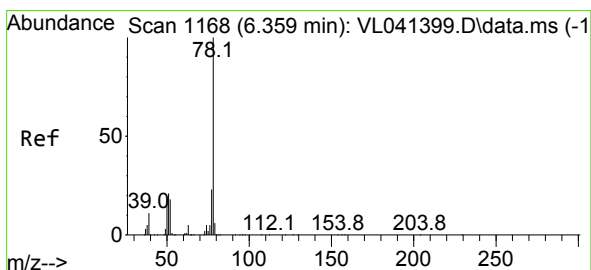
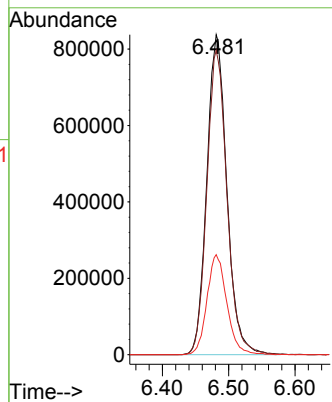
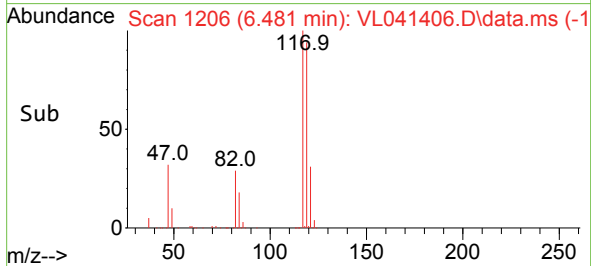
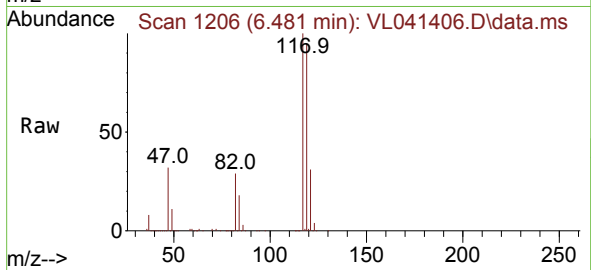
Tgt Ion:117 Resp: 1763315

Ion Ratio Lower Upper

117 100

119 95.0 76.6 115.0

121 31.3 25.1 37.7



#36

Benzene

Concen: 9.678 ppbv

RT: 6.359 min Scan# 1168

Delta R.T. -0.000 min

Lab File: VL041406.D

Acq: 25 Jul 2024 19:31

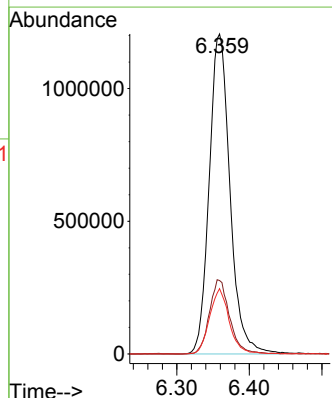
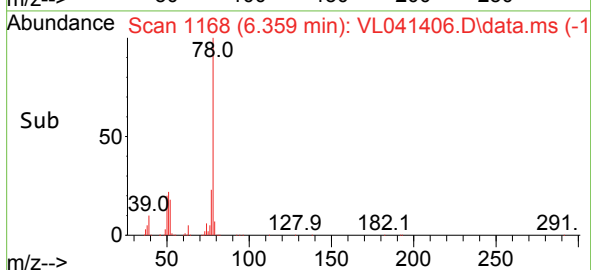
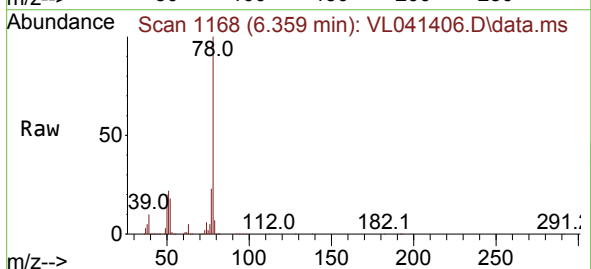
Tgt Ion: 78 Resp: 2398715

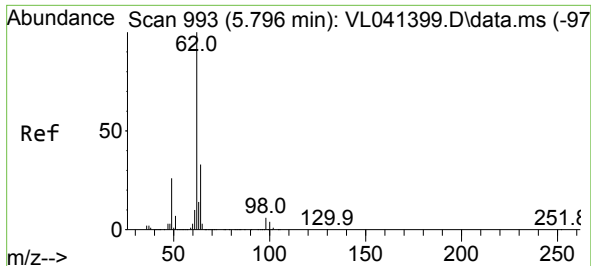
Ion Ratio Lower Upper

78 100

77 22.9 18.1 27.1

50 20.4 15.5 23.3





#37

1,2-Dichloroethane

Concen: 9.592 ppbv

RT: 5.793 min Scan# 993

Delta R.T. -0.003 min

Lab File: VL041406.D

Acq: 25 Jul 2024 19:31

Instrument :

MSVOA_L

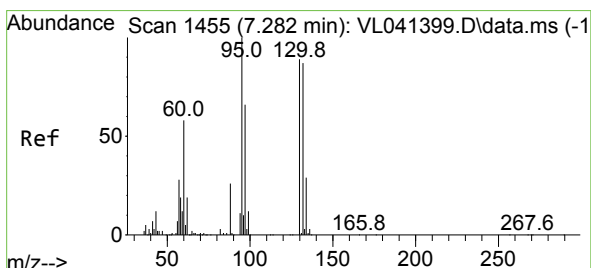
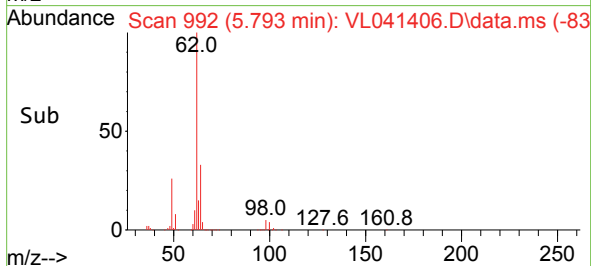
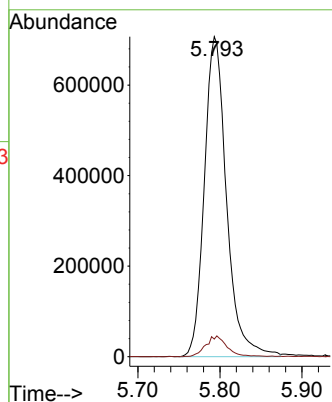
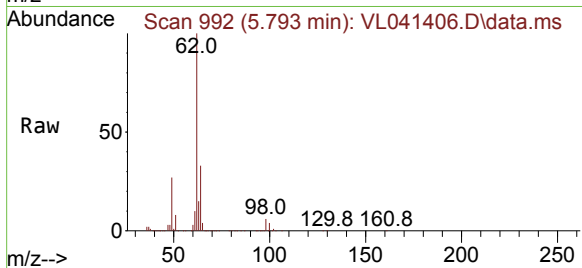
ClientSampleId :

Tgt Ion: 62 Resp: 1330637

Ion Ratio Lower Upper

62 100

98 6.5 5.0 7.4



#38

Trichloroethene

Concen: 9.485 ppbv

RT: 7.282 min Scan# 1455

Delta R.T. -0.000 min

Lab File: VL041406.D

Acq: 25 Jul 2024 19:31

Tgt Ion:130 Resp: 1077080

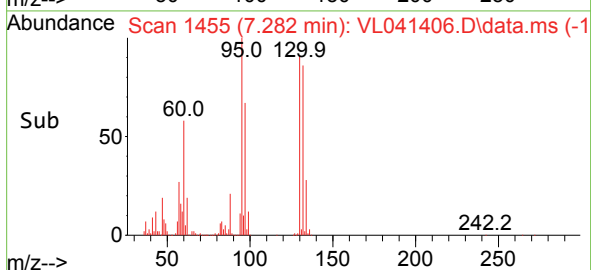
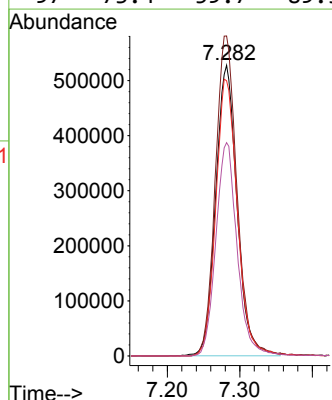
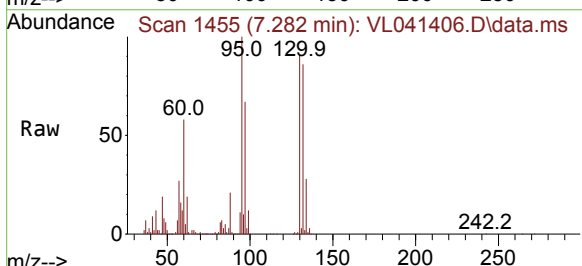
Ion Ratio Lower Upper

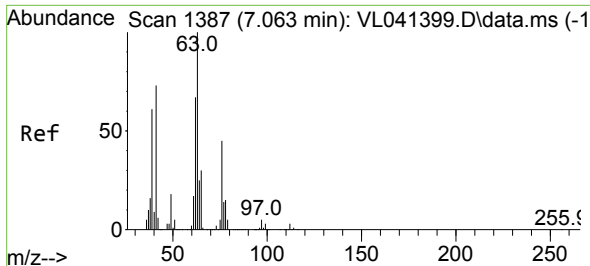
130 100

95 110.1 90.2 135.2

132 94.7 78.1 117.1

97 73.4 59.7 89.5





#39

1,2-Dichloropropane

Concen: 9.722 ppbv

RT: 7.063 min Scan# 11

Delta R.T. -0.000 min

Lab File: VL041406.D

Acq: 25 Jul 2024 19:31

Instrument :

MSVOA_L

ClientSampleId :

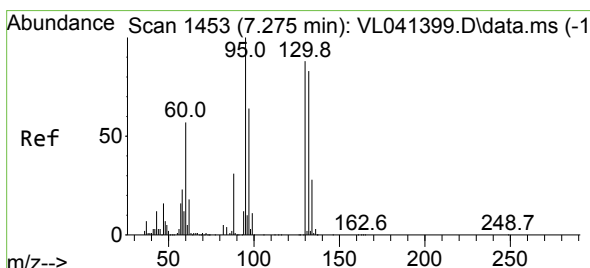
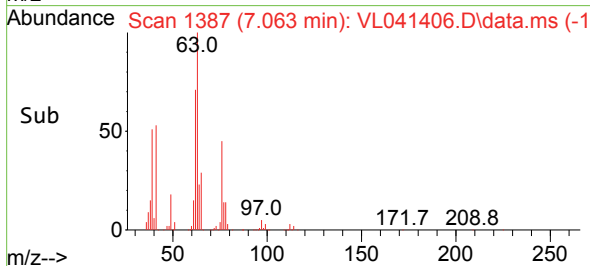
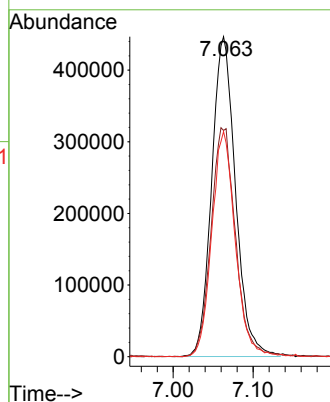
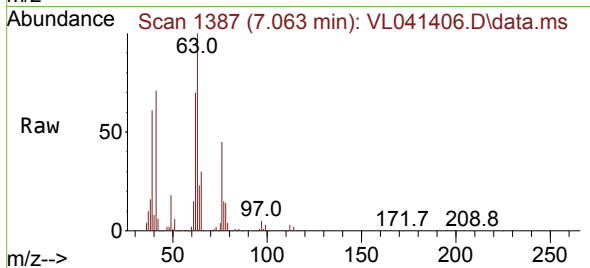
Tgt Ion: 63 Resp: 922512

Ion Ratio Lower Upper

63 100

41 70.7 58.3 87.5

62 70.4 53.9 80.9



#40

1,4-Dioxane

Concen: 7.654 ppbv

RT: 7.278 min Scan# 1454

Delta R.T. 0.003 min

Lab File: VL041406.D

Acq: 25 Jul 2024 19:31

Tgt Ion: 88 Resp: 291753

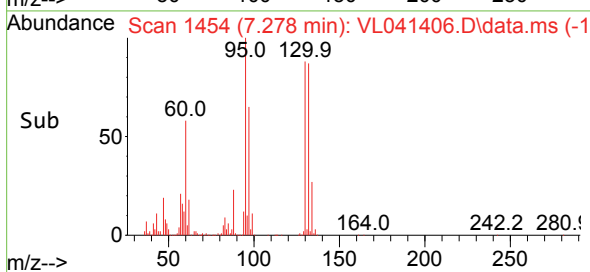
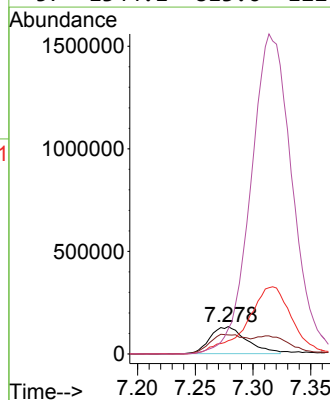
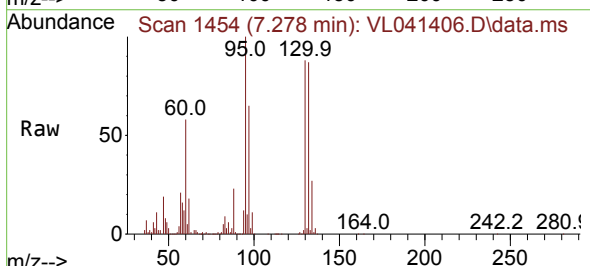
Ion Ratio Lower Upper

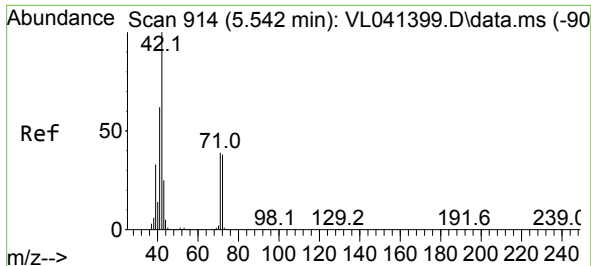
88 100

58 142.3 95.8 143.6

43 309.5 188.2 282.2#

57 1344.1 813.6 1220.4#





#41

Tetrahydrofuran

Concen: 10.640 ppbv

RT: 5.542 min Scan# 914

Delta R.T. -0.000 min

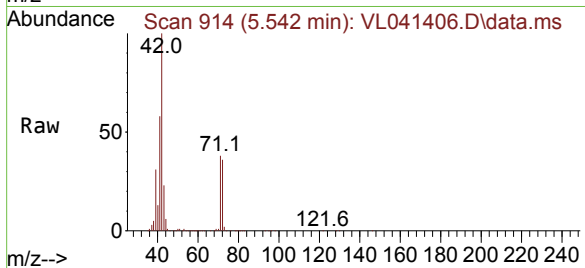
Lab File: VL041406.D

Acq: 25 Jul 2024 19:31

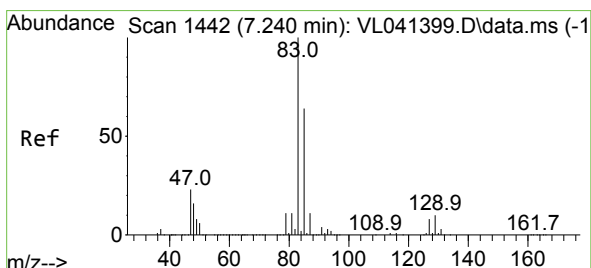
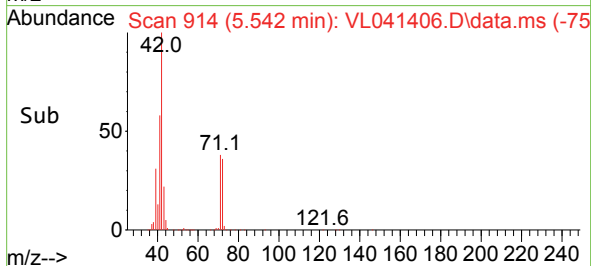
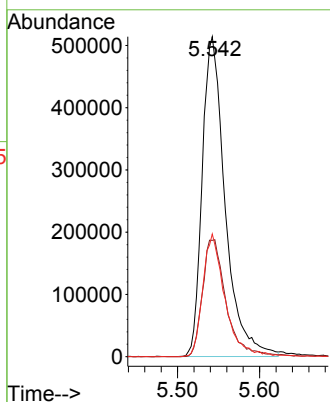
Instrument :

MSVOA_L

ClientSampleId :



Tgt Ion:	42	Resp:	998498
Ion Ratio	100	Lower	Upper
72	38.1	31.2	46.8
71	37.4	30.5	45.7



#42

Bromodichloromethane

Concen: 9.550 ppbv

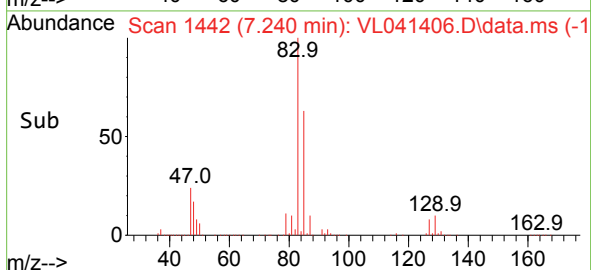
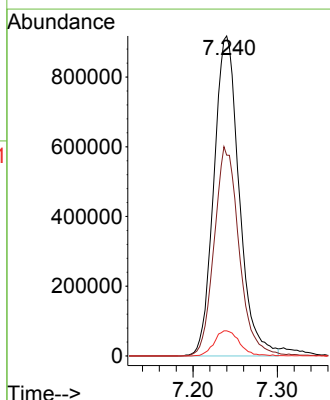
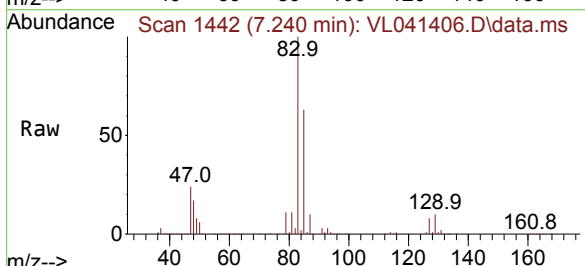
RT: 7.240 min Scan# 1442

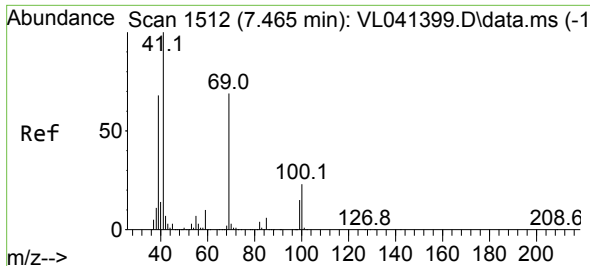
Delta R.T. -0.000 min

Lab File: VL041406.D

Acq: 25 Jul 2024 19:31

Tgt Ion:	83	Resp:	1912987
Ion Ratio	100	Lower	Upper
85	62.7	51.4	77.0
127	7.9	6.7	10.1

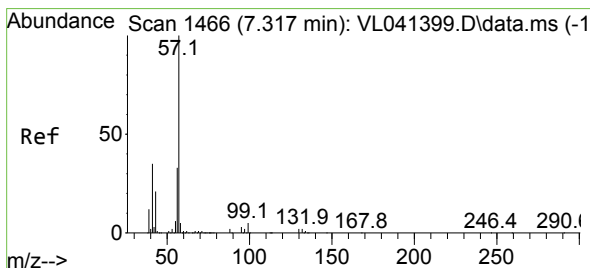
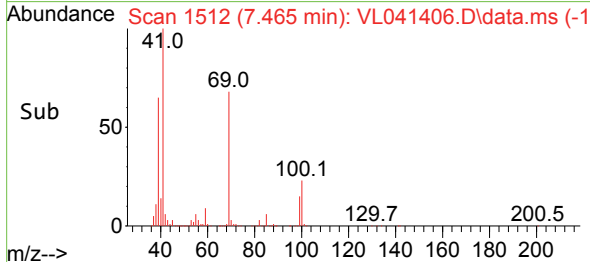
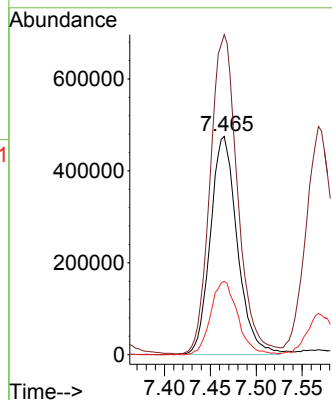
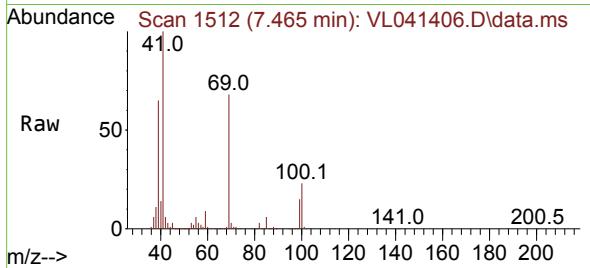




#43
Methyl Methacrylate
Concen: 10.898 ppbv
RT: 7.465 min Scan# 11
Delta R.T. -0.000 min
Lab File: VL041406.D
Acq: 25 Jul 2024 19:31

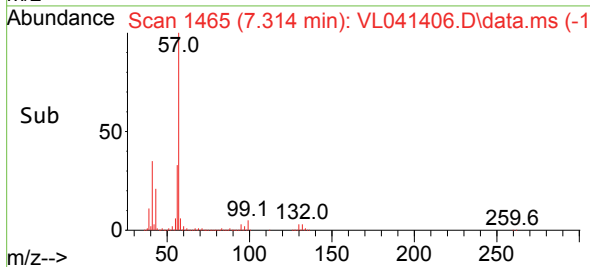
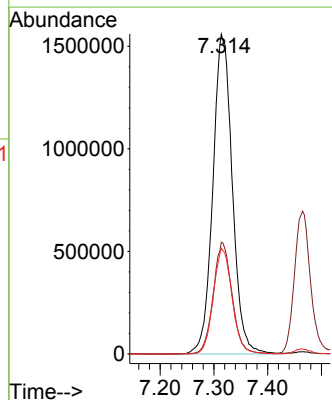
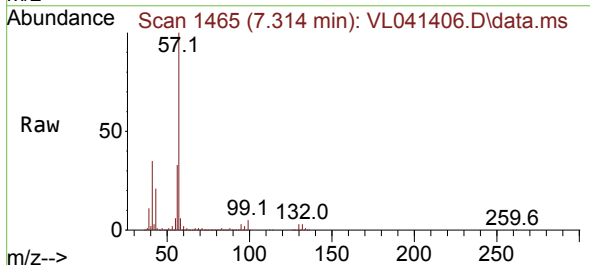
Instrument :
MSVOA_L
ClientSampleId :

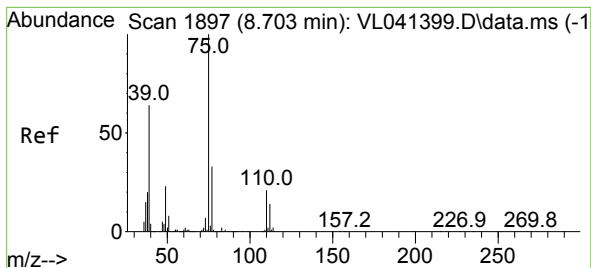
Tgt Ion: 69 Resp: 968598
Ion Ratio Lower Upper
69 100
41 150.0 118.7 178.1
100 33.9 27.0 40.4



#44
2,2,4-Trimethylpentane
Concen: 9.470 ppbv
RT: 7.314 min Scan# 1465
Delta R.T. -0.003 min
Lab File: VL041406.D
Acq: 25 Jul 2024 19:31

Tgt Ion: 57 Resp: 3920496
Ion Ratio Lower Upper
57 100
41 33.6 27.0 40.6
56 31.8 25.2 37.8





#45

t-1,3-Dichloropropene

Concen: 12.021 ppbv

RT: 8.700 min Scan# 11

Delta R.T. -0.003 min

Lab File: VL041406.D

Acq: 25 Jul 2024 19:31

Instrument :

MSVOA_L

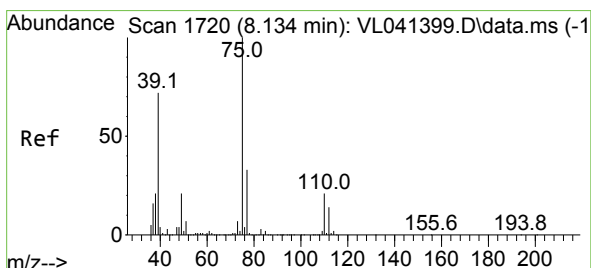
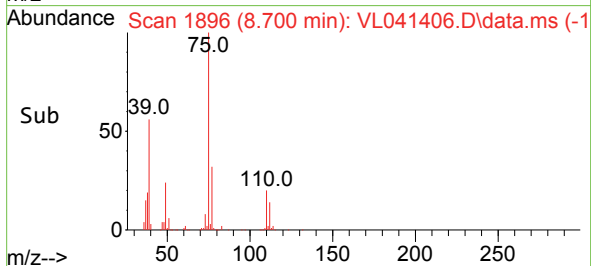
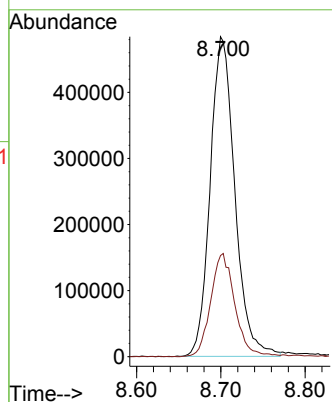
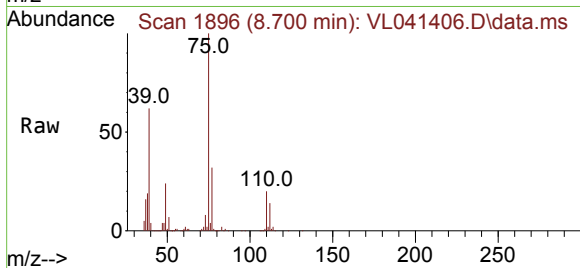
ClientSampleId :

Tgt Ion: 75 Resp: 983393

Ion Ratio Lower Upper

75 100

77 31.6 26.5 39.7



#46

cis-1,3-Dichloropropene

Concen: 11.015 ppbv

RT: 8.134 min Scan# 1720

Delta R.T. -0.000 min

Lab File: VL041406.D

Acq: 25 Jul 2024 19:31

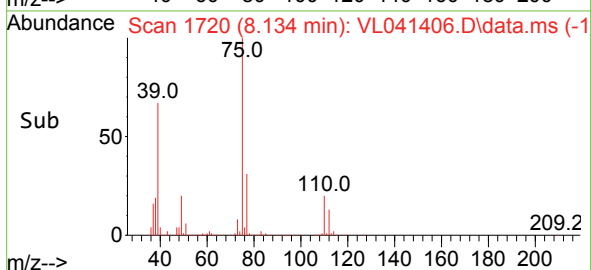
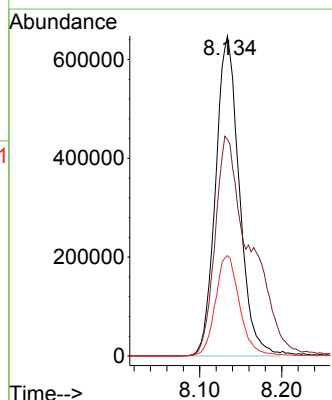
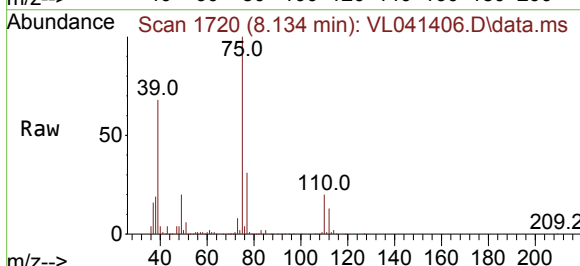
Tgt Ion: 75 Resp: 1301297

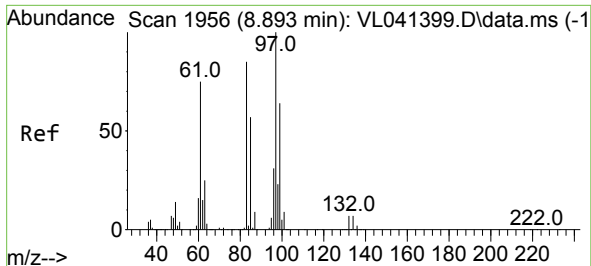
Ion Ratio Lower Upper

75 100

39 67.7 57.3 85.9

77 31.4 26.2 39.2





#47

1,1,2-Trichloroethane

Concen: 9.452 ppbv

RT: 8.893 min Scan# 1956

Delta R.T. -0.000 min

Lab File: VL041406.D

Acq: 25 Jul 2024 19:31

Instrument :

MSVOA_L

ClientSampleId :

Tgt Ion: 97 Resp: 988701

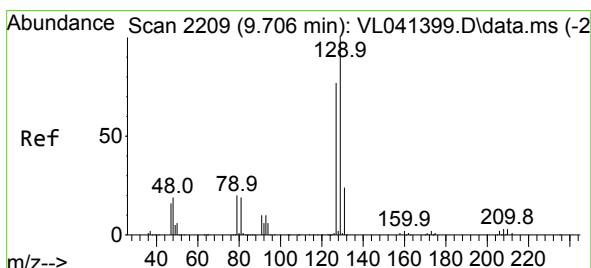
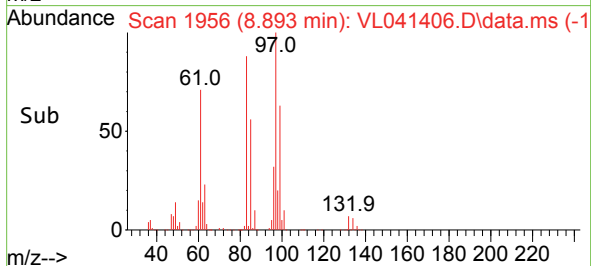
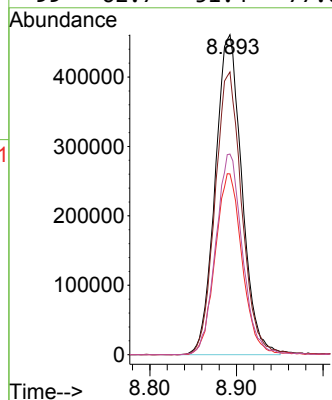
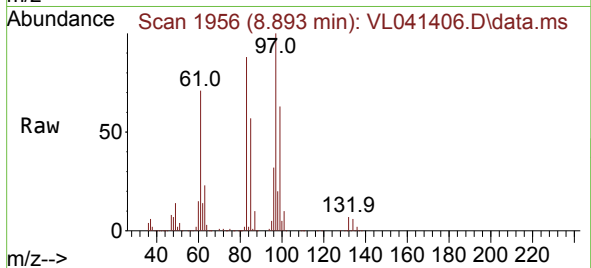
Ion Ratio Lower Upper

97 100

83 88.3 67.6 101.4

85 56.5 45.9 68.9

99 62.7 51.4 77.0



#48

Dibromochloromethane

Concen: 9.797 ppbv

RT: 9.703 min Scan# 2208

Delta R.T. -0.003 min

Lab File: VL041406.D

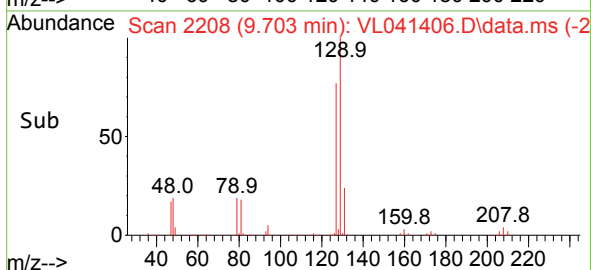
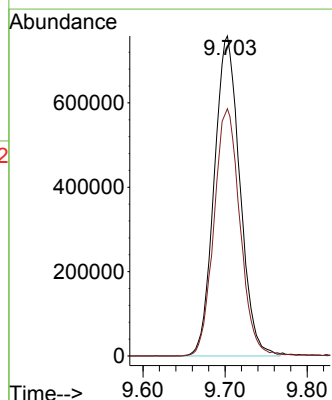
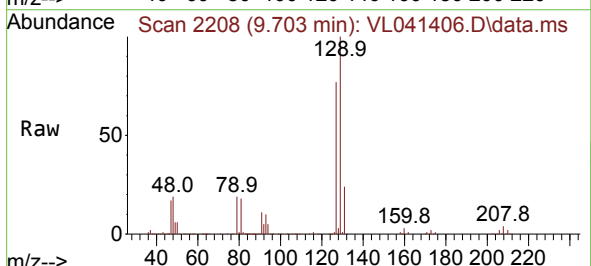
Acq: 25 Jul 2024 19:31

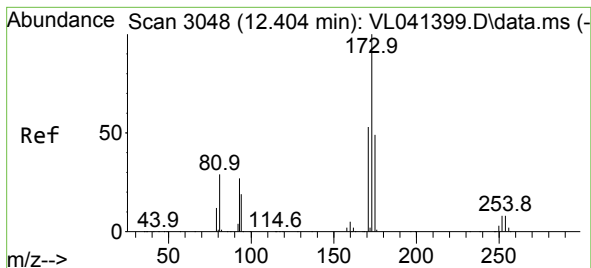
Tgt Ion: 129 Resp: 1650868

Ion Ratio Lower Upper

129 100

127 78.7 39.3 117.8





#49

Bromoform

Concen: 10.340 ppbv

RT: 12.404 min Scan# 3048

Delta R.T. -0.000 min

Lab File: VL041406.D

Acq: 25 Jul 2024 19:31

Instrument :

MSVOA_L

ClientSampleId :

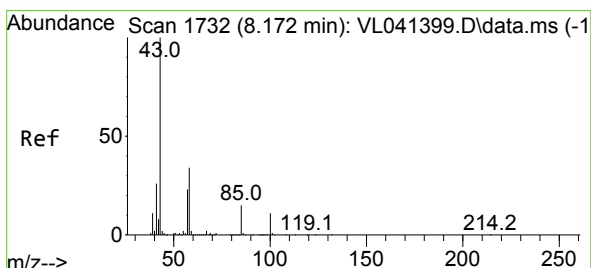
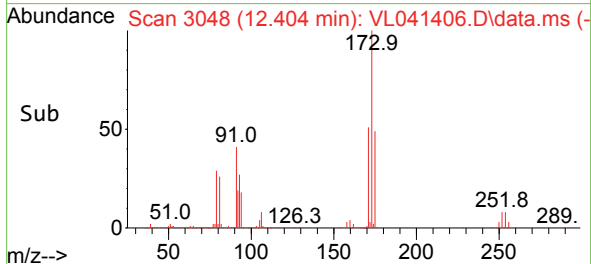
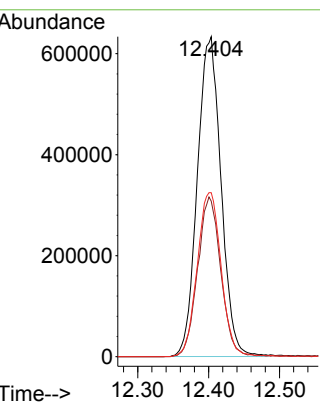
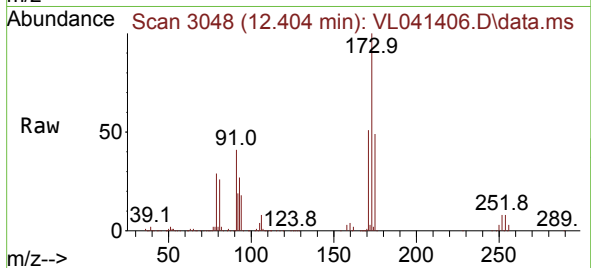
Tgt Ion:173 Resp: 1471871

Ion Ratio Lower Upper

173 100

175 49.2 39.9 59.9

171 52.4 41.7 62.5



#50

4-Methyl-2-Pentanone

Concen: 10.222 ppbv

RT: 8.169 min Scan# 1731

Delta R.T. -0.003 min

Lab File: VL041406.D

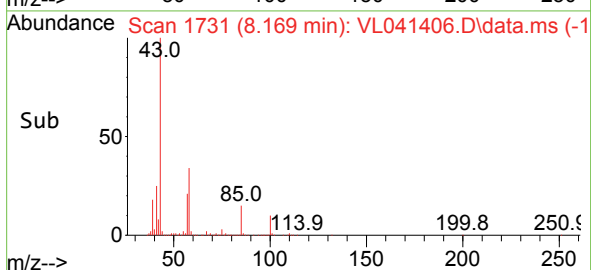
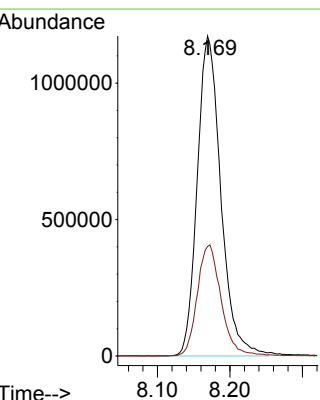
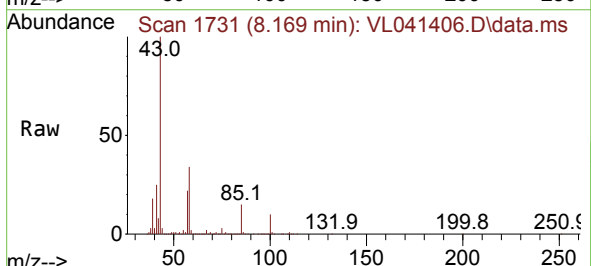
Acq: 25 Jul 2024 19:31

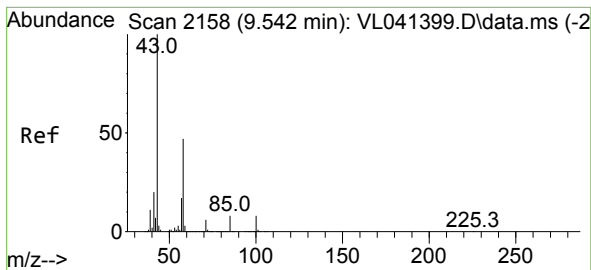
Tgt Ion: 43 Resp: 2646380

Ion Ratio Lower Upper

43 100

58 35.3 27.9 41.9

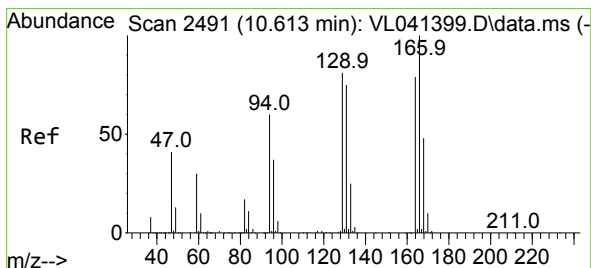
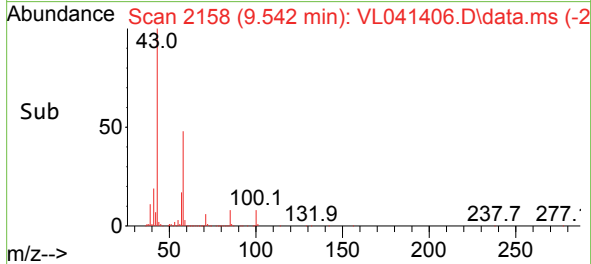
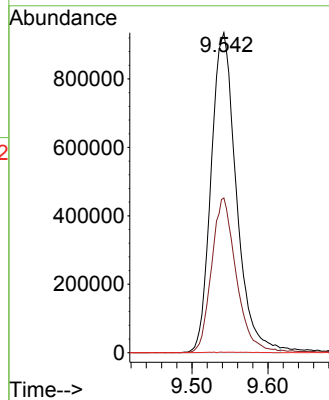
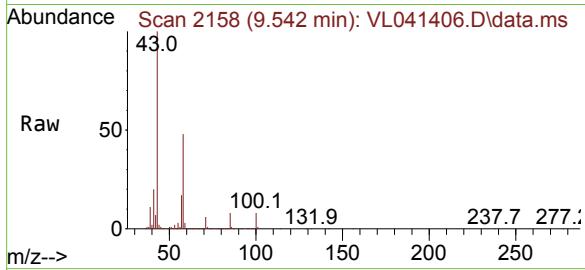




#51
2-Hexanone
Concen: 10.994 ppbv
RT: 9.542 min Scan# 2158
Delta R.T. -0.000 min
Lab File: VL041406.D
Acq: 25 Jul 2024 19:31

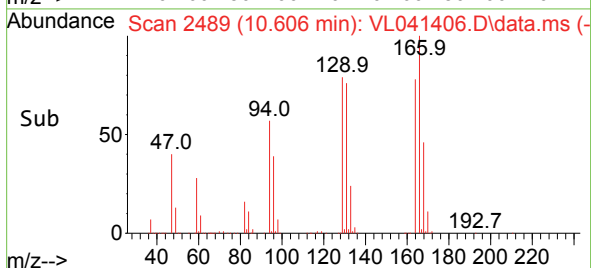
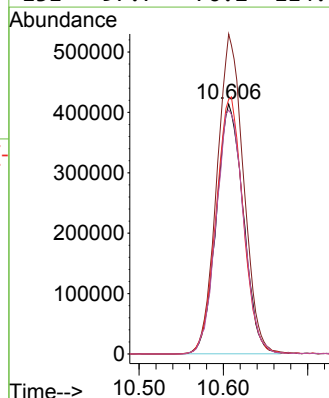
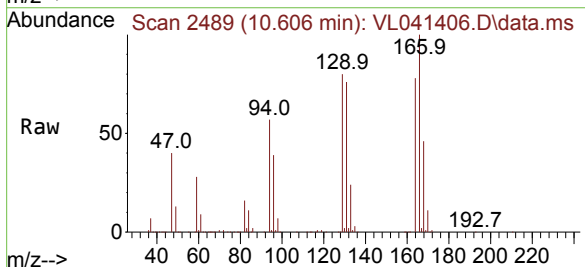
Instrument :
MSVOA_L
ClientSampleId :

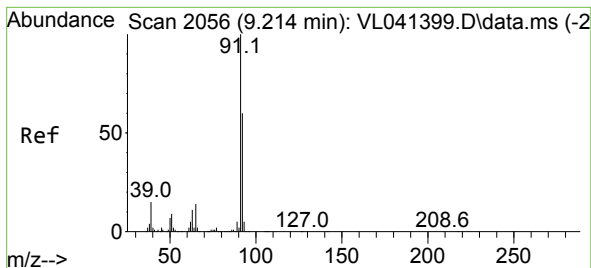
Tgt Ion: 43 Resp: 2152180
Ion Ratio Lower Upper
43 100
58 47.9 38.2 57.2
98 0.3 0.3 0.5#



#52
Tetrachloroethene
Concen: 9.604 ppbv
RT: 10.606 min Scan# 2489
Delta R.T. -0.006 min
Lab File: VL041406.D
Acq: 25 Jul 2024 19:31

Tgt Ion:164 Resp: 919784
Ion Ratio Lower Upper
164 100
166 128.1 101.1 151.7
129 101.9 81.7 122.5
131 97.7 76.2 114.4





#53

Toluene

Concen: 10.183 ppbv

RT: 9.211 min Scan# 2056

Delta R.T. -0.003 min

Lab File: VL041406.D

Acq: 25 Jul 2024 19:31

Instrument :

MSVOA_L

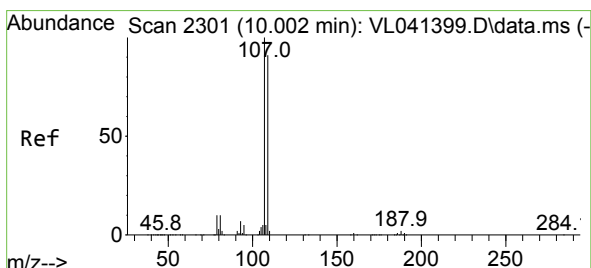
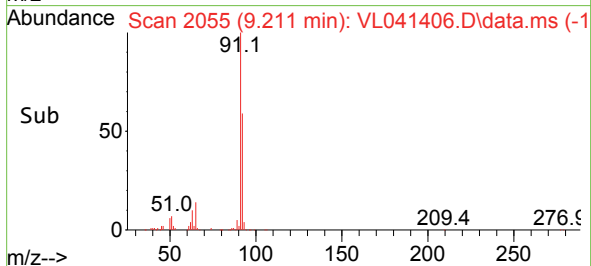
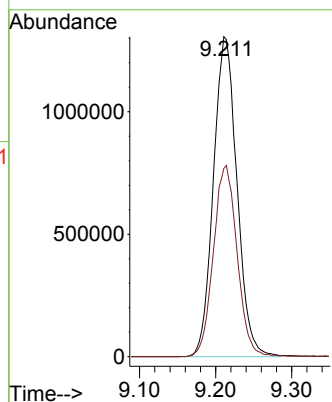
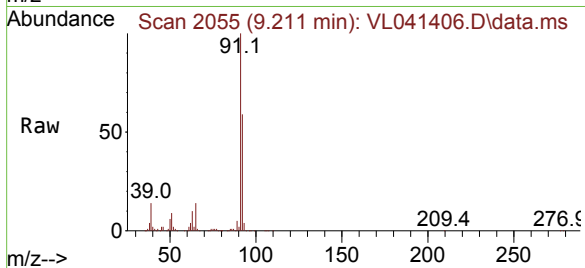
ClientSampleId :

Tgt Ion: 91 Resp: 2811445

Ion Ratio Lower Upper

91 100

92 60.3 48.7 73.1



#54

1,2-Dibromoethane

Concen: 10.313 ppbv

RT: 10.002 min Scan# 2301

Delta R.T. -0.000 min

Lab File: VL041406.D

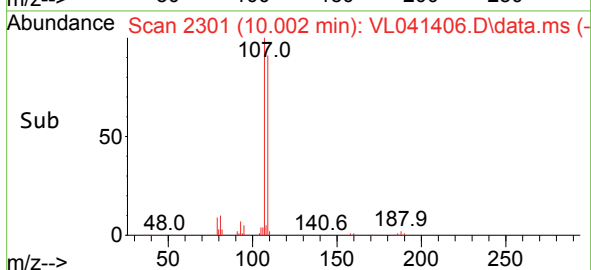
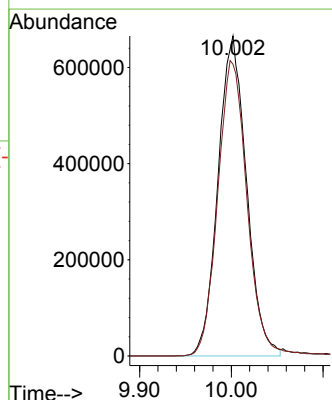
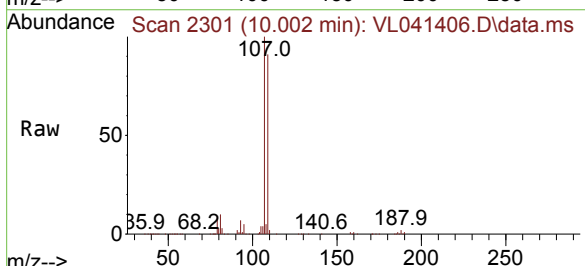
Acq: 25 Jul 2024 19:31

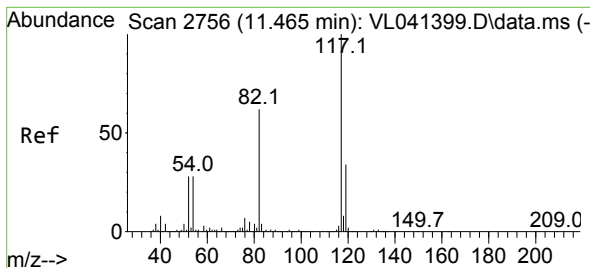
Tgt Ion: 107 Resp: 1435862

Ion Ratio Lower Upper

107 100

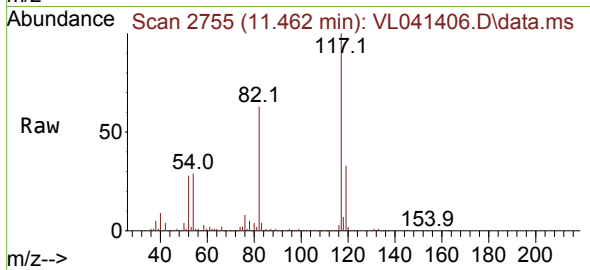
109 91.0 72.7 109.1



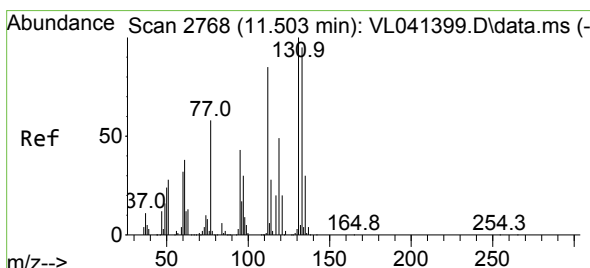
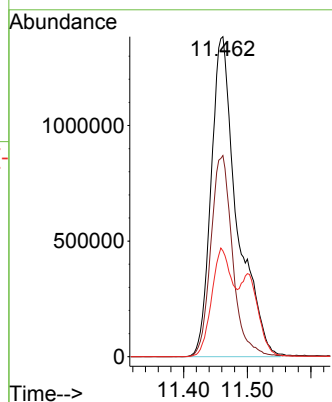
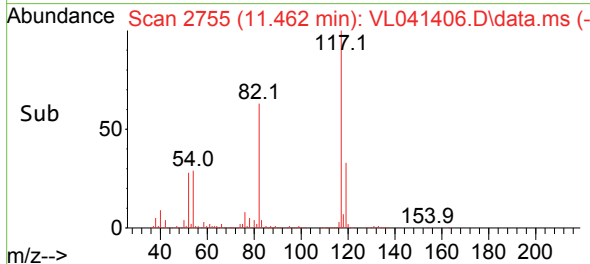


#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.462 min Scan# 21
Delta R.T. -0.003 min
Lab File: VL041406.D
Acq: 25 Jul 2024 19:31

Instrument :
MSVOA_L
ClientSampleId :

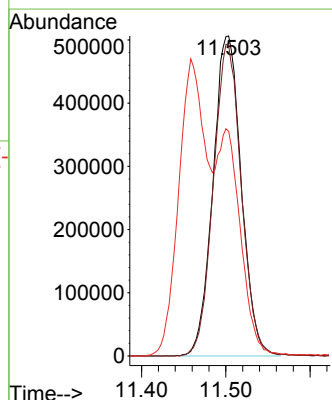
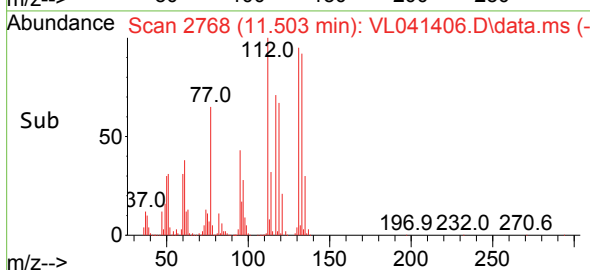
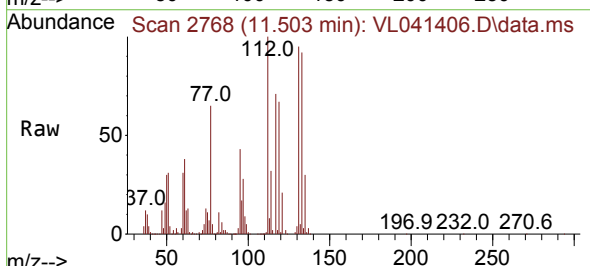


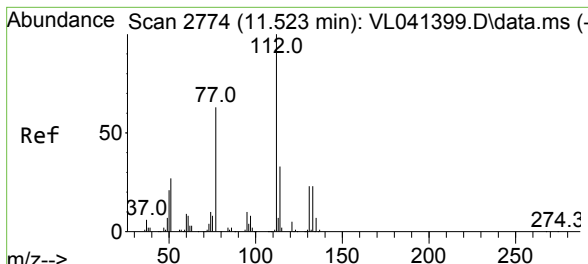
Tgt Ion:117 Resp: 3925061
Ion Ratio Lower Upper
117 100
82 53.0 51.0 76.6
119 46.1 45.2 67.8



#56
1,1,1,2-Tetrachloroethane
Concen: 7.752 ppbv
RT: 11.503 min Scan# 2768
Delta R.T. -0.000 min
Lab File: VL041406.D
Acq: 25 Jul 2024 19:31

Tgt Ion:131 Resp: 1179925
Ion Ratio Lower Upper
131 100
133 96.4 77.0 115.4
119 60.5 121.5 182.3#



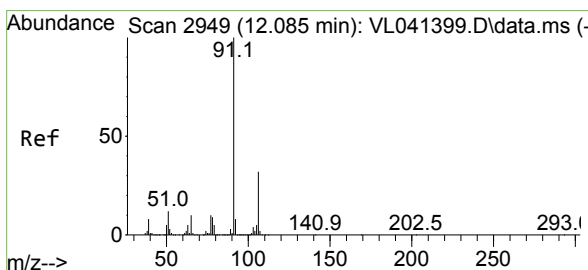
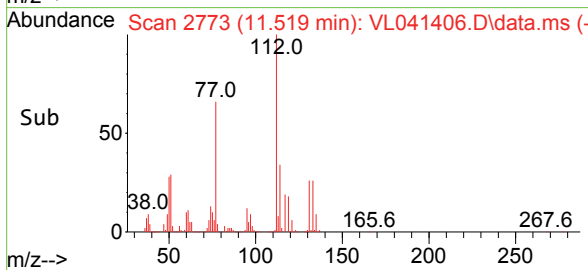
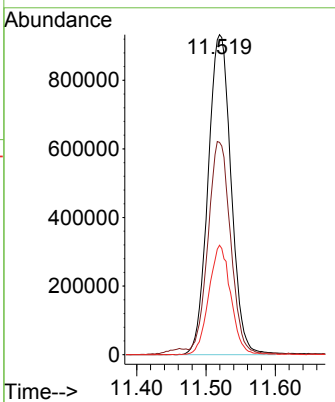
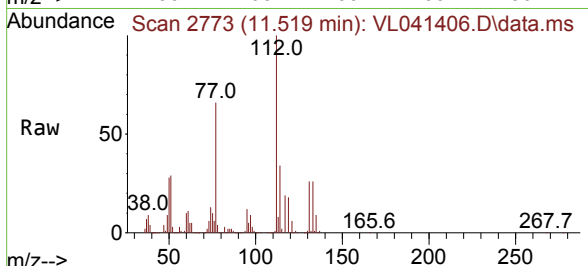


#57
Chlorobenzene
Concen: 7.710 ppbv
RT: 11.519 min Scan# 21
Delta R.T. -0.003 min
Lab File: VL041406.D
Acq: 25 Jul 2024 19:31

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion:112 Resp: 2154494

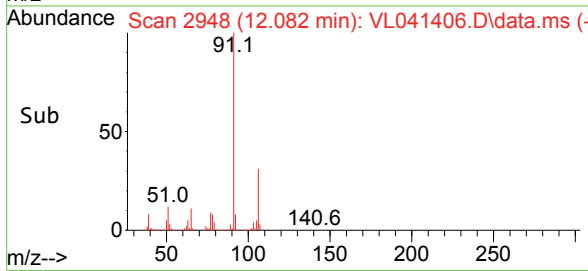
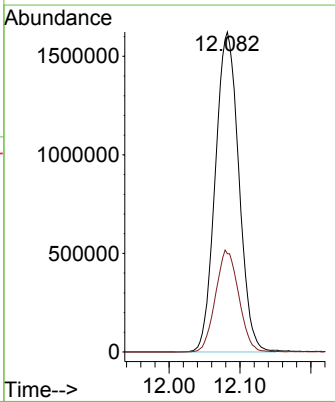
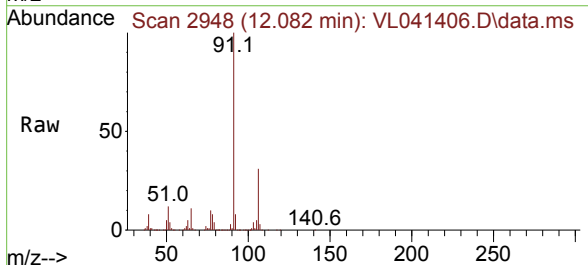
Ion	Ratio	Lower	Upper
112	100		
77	65.8	51.1	76.7
114	34.2	29.5	36.1

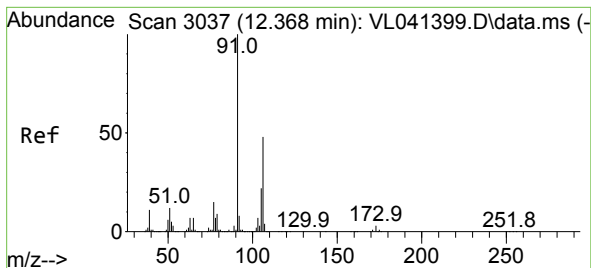


#58
Ethyl Benzene
Concen: 8.273 ppbv
RT: 12.082 min Scan# 2948
Delta R.T. -0.003 min
Lab File: VL041406.D
Acq: 25 Jul 2024 19:31

Tgt Ion: 91 Resp: 3742890

Ion	Ratio	Lower	Upper
91	100		
106	30.7	25.8	38.8

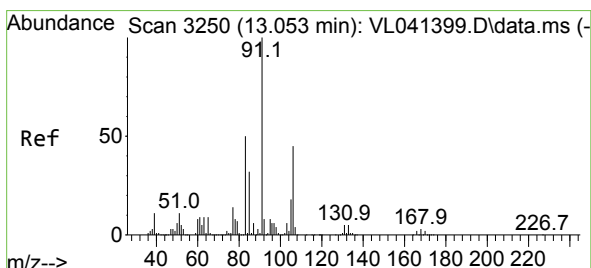
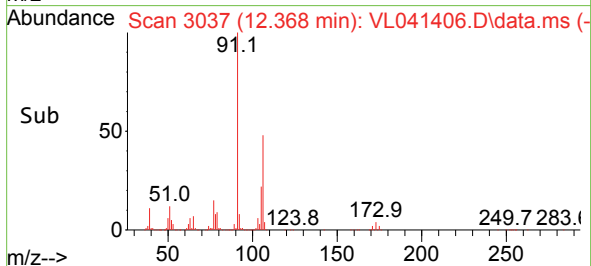
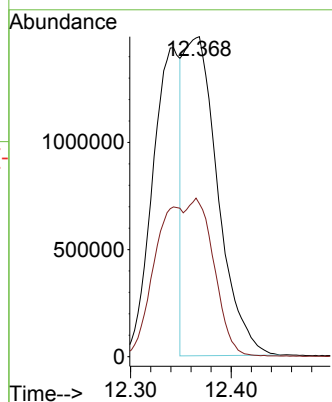
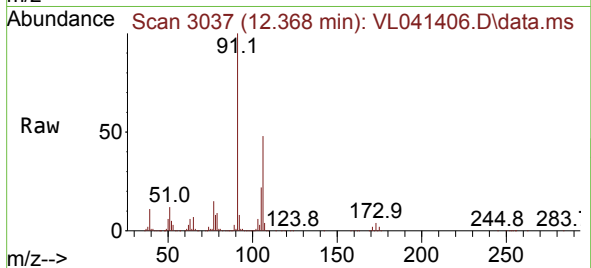




#59
m/p-Xylene
Concen: 9.040 ppbv
RT: 12.368 min Scan# 3037
Delta R.T. -0.000 min
Lab File: VL041406.D
Acq: 25 Jul 2024 19:31

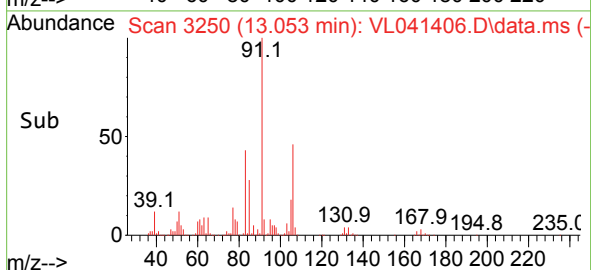
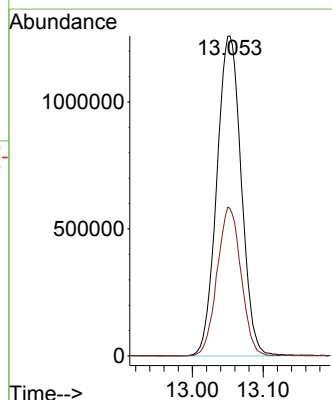
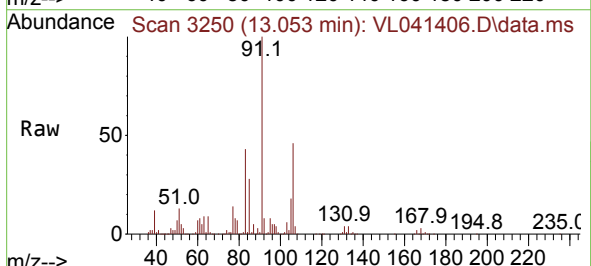
Instrument :
MSVOA_L
ClientSampleId :

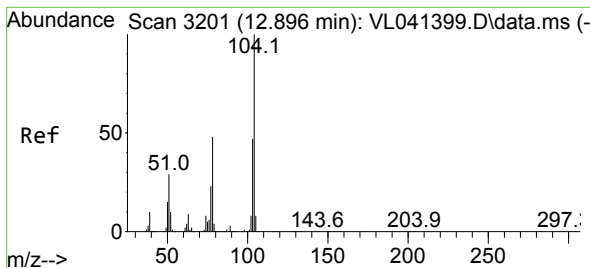
Tgt Ion: 91 Resp: 3530325
Ion Ratio Lower Upper
91 100
106 81.3 36.3 54.5#



#60
o-Xylene
Concen: 8.180 ppbv
RT: 13.053 min Scan# 3250
Delta R.T. -0.000 min
Lab File: VL041406.D
Acq: 25 Jul 2024 19:31

Tgt Ion: 91 Resp: 3021924
Ion Ratio Lower Upper
91 100
106 45.6 23.1 69.3





#61

Styrene

Concen: 9.091 ppbv

RT: 12.889 min Scan# 3199

Delta R.T. -0.006 min

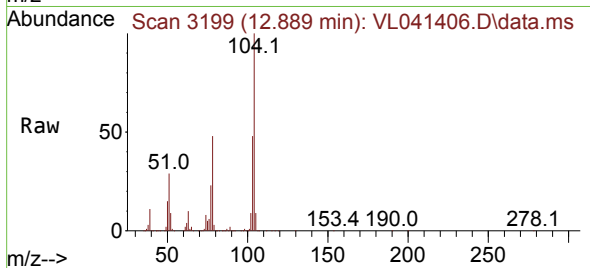
Lab File: VL041406.D

Acq: 25 Jul 2024 19:31

Instrument :

MSVOA_L

ClientSampleId :



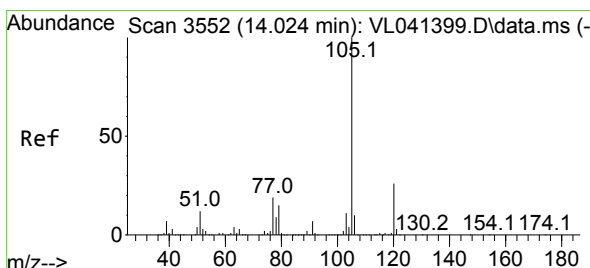
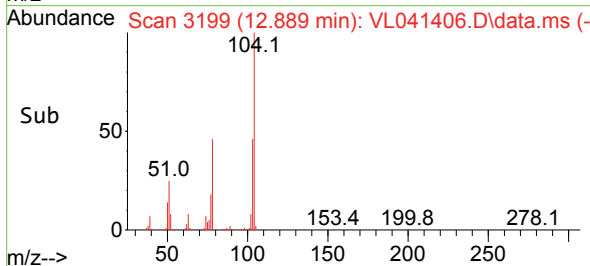
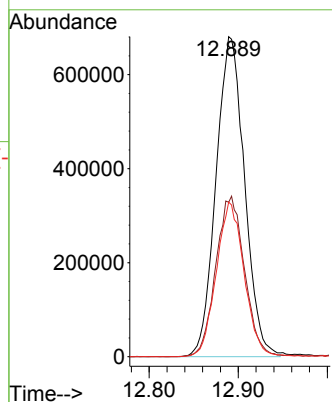
Tgt Ion:104 Resp: 1515228

Ion Ratio Lower Upper

104 100

78 50.6 40.8 61.2

103 47.2 38.2 57.4



#62

Isopropylbenzene

Concen: 7.827 ppbv

RT: 14.021 min Scan# 3551

Delta R.T. -0.003 min

Lab File: VL041406.D

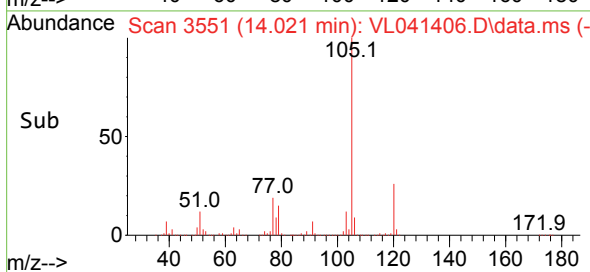
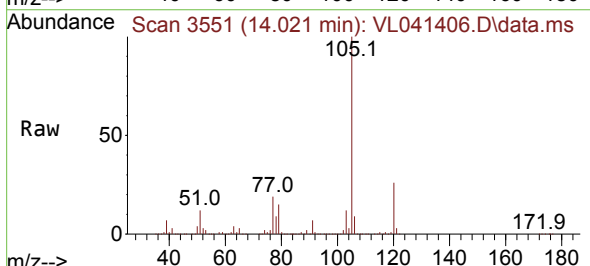
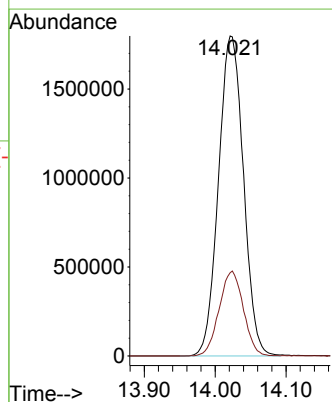
Acq: 25 Jul 2024 19:31

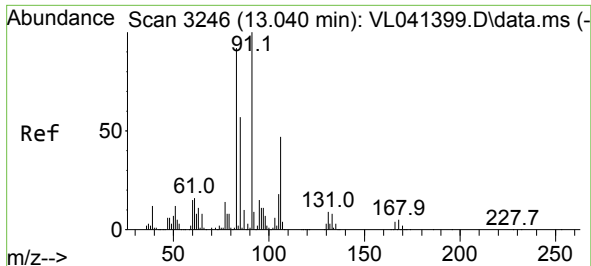
Tgt Ion:105 Resp: 4395572

Ion Ratio Lower Upper

105 100

120 25.8 21.0 31.4

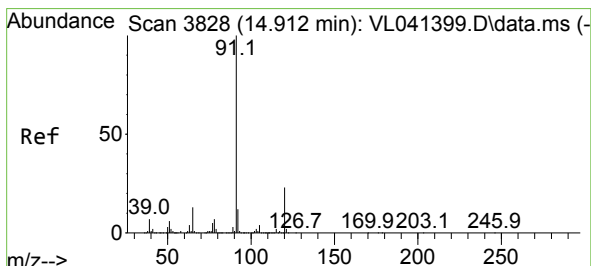
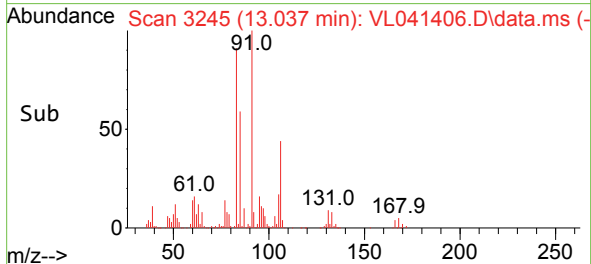
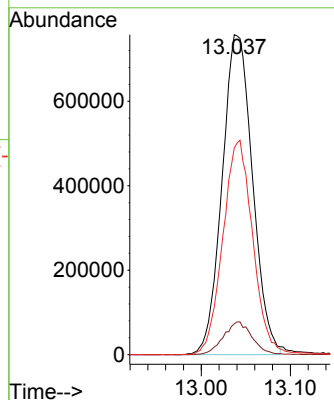
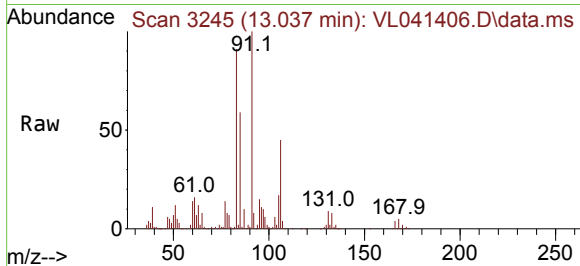




#63
1,1,2,2-Tetrachloroethane
Concen: 7.712 ppbv
RT: 13.037 min Scan# 31
Delta R.T. -0.003 min
Lab File: VL041406.D
Acq: 25 Jul 2024 19:31

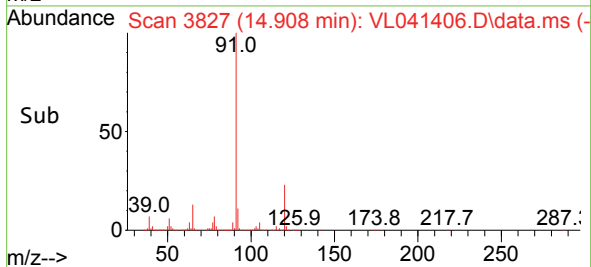
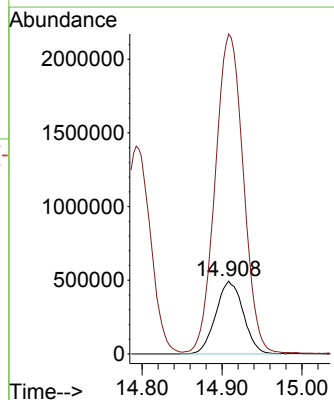
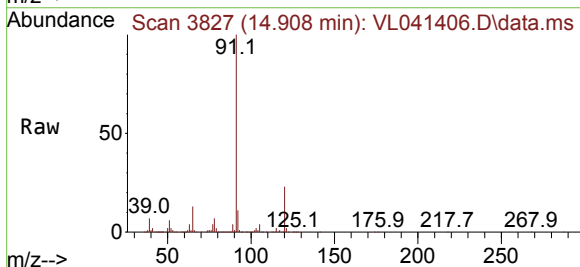
Instrument :
MSVOA_L
ClientSampleId :

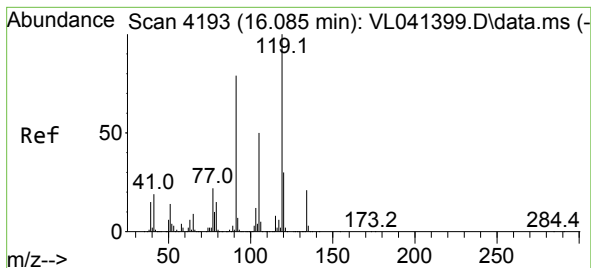
Tgt Ion: 83 Resp: 1799183
Ion Ratio Lower Upper
83 100
131 9.8 4.8 14.4
85 66.4 32.6 98.0



#64
n-propylbenzene
Concen: 8.023 ppbv
RT: 14.908 min Scan# 3827
Delta R.T. -0.003 min
Lab File: VL041406.D
Acq: 25 Jul 2024 19:31

Tgt Ion:120 Resp: 1178085
Ion Ratio Lower Upper
120 100
91 453.9 361.4 542.0

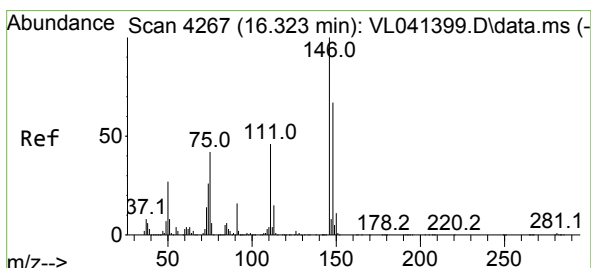
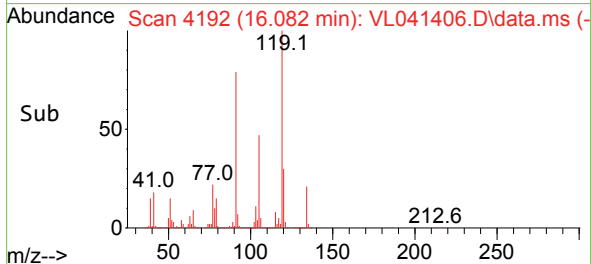
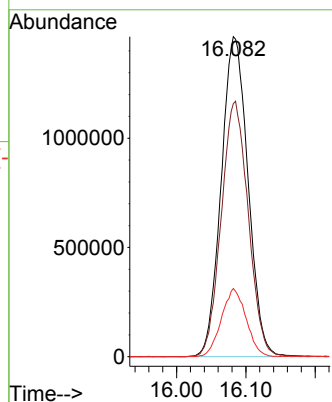
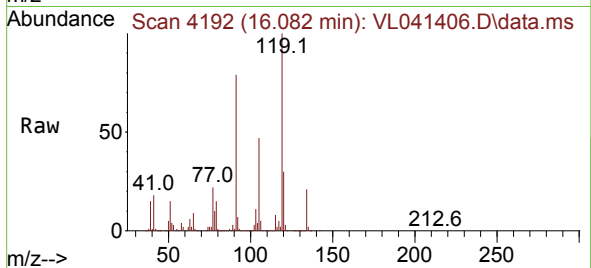




#65
tert-Butylbenzene
Concen: 7.743 ppbv
RT: 16.082 min Scan# 4193
Delta R.T. -0.003 min
Lab File: VL041406.D
Acq: 25 Jul 2024 19:31

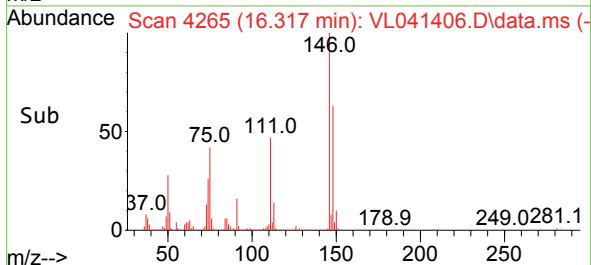
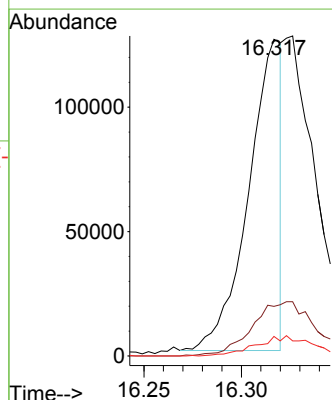
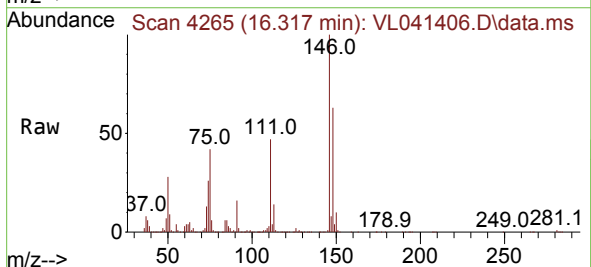
Instrument :
MSVOA_L
ClientSampleId :

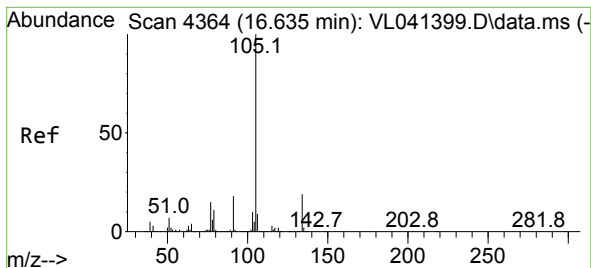
Tgt Ion:119 Resp: 3927896
Ion Ratio Lower Upper
119 100
91 80.6 64.2 96.2
134 19.7 15.7 23.5



#66
Benzyl Chloride
Concen: 4.518 ppbv
RT: 16.317 min Scan# 4265
Delta R.T. -0.006 min
Lab File: VL041406.D
Acq: 25 Jul 2024 19:31

Tgt Ion: 91 Resp: 146994
Ion Ratio Lower Upper
91 100
126 0.0 13.8 20.8#
128 0.0 4.4 6.6#

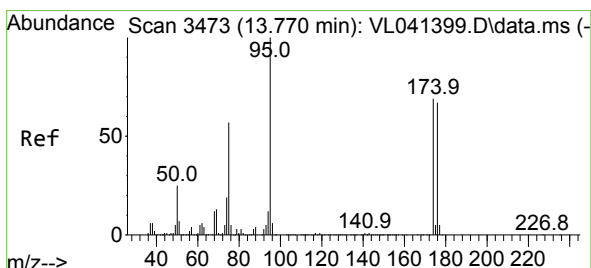
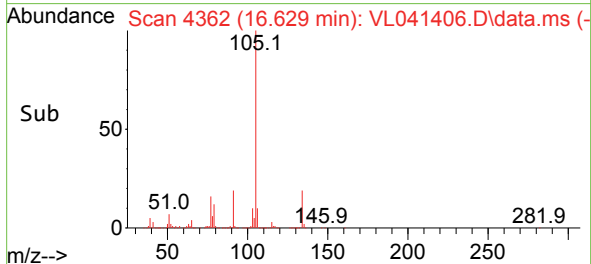
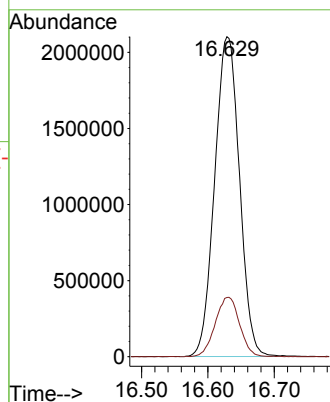
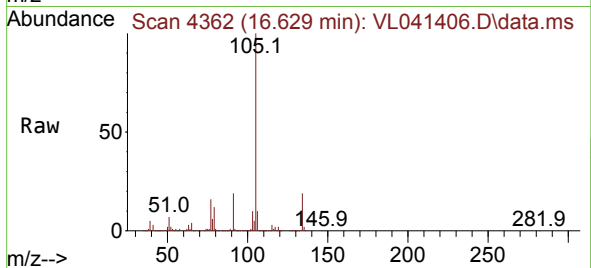




#67
sec-Butylbenzene
Concen: 7.812 ppbv
RT: 16.629 min Scan# 41
Delta R.T. -0.006 min
Lab File: VL041406.D
Acq: 25 Jul 2024 19:31

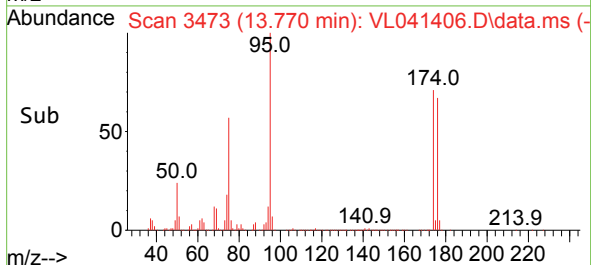
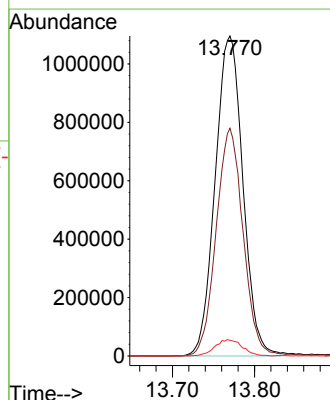
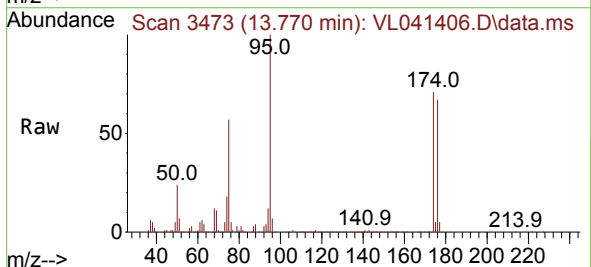
Instrument :
MSVOA_L
ClientSampleId :

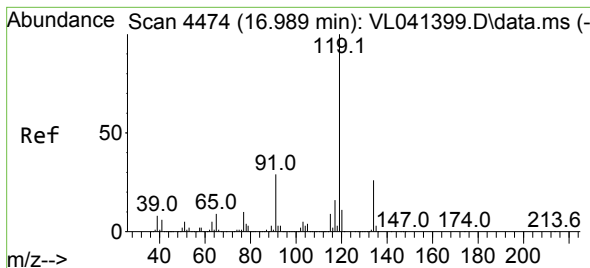
Tgt Ion:105 Resp: 5460239
Ion Ratio Lower Upper
105 100
134 18.3 14.5 21.7



#68
1-Bromo-4-Fluorobenzene
Concen: 8.523 ppbv
RT: 13.770 min Scan# 3473
Delta R.T. -0.000 min
Lab File: VL041406.D
Acq: 25 Jul 2024 19:31

Tgt Ion: 95 Resp: 2574566
Ion Ratio Lower Upper
95 100
174 70.0 56.3 84.5
175 5.1 4.0 6.0

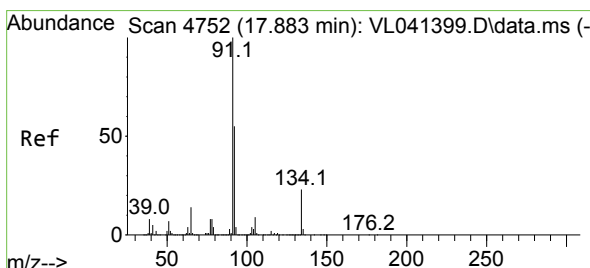
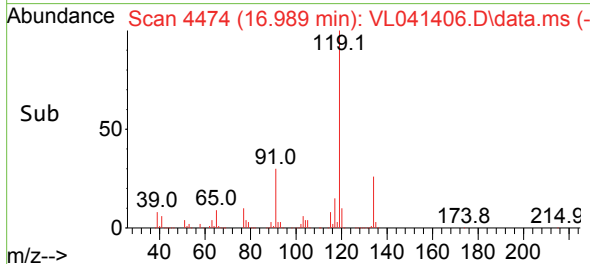
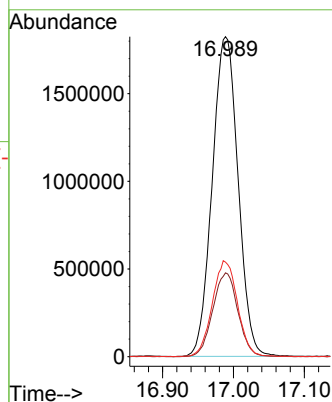
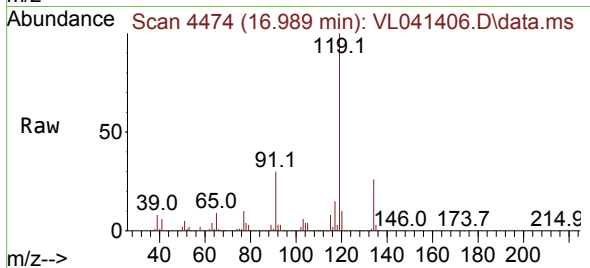




#69
p-Isopropyltoluene
Concen: 7.947 ppbv
RT: 16.989 min Scan# 4474
Delta R.T. -0.000 min
Lab File: VL041406.D
Acq: 25 Jul 2024 19:31

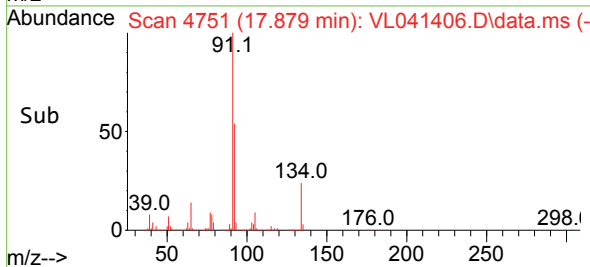
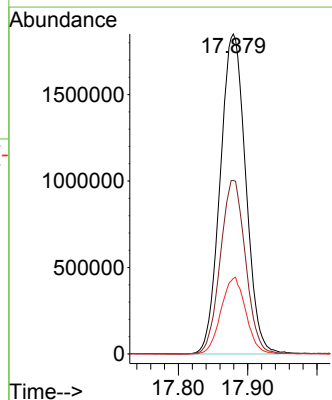
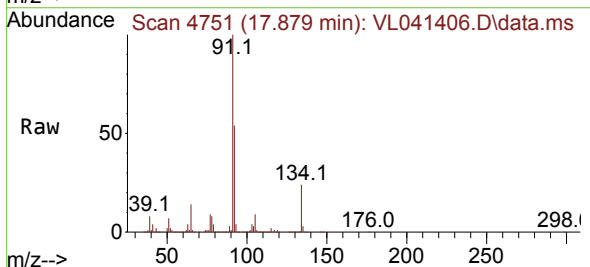
Instrument :
MSVOA_L
ClientSampleId :

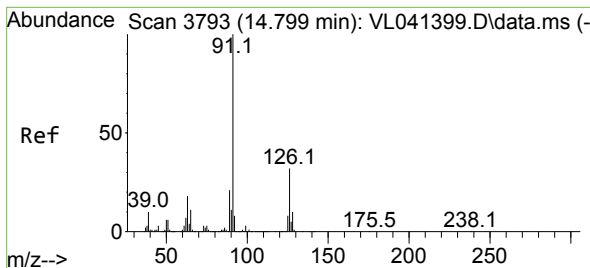
Tgt Ion:119 Resp: 4608861
Ion Ratio Lower Upper
119 100
134 25.6 20.5 30.7
91 29.3 23.2 34.8



#70
n-Butylbenzene
Concen: 7.946 ppbv
RT: 17.879 min Scan# 4751
Delta R.T. -0.003 min
Lab File: VL041406.D
Acq: 25 Jul 2024 19:31

Tgt Ion: 91 Resp: 4724502
Ion Ratio Lower Upper
91 100
92 53.9 43.2 64.8
134 23.4 18.5 27.7

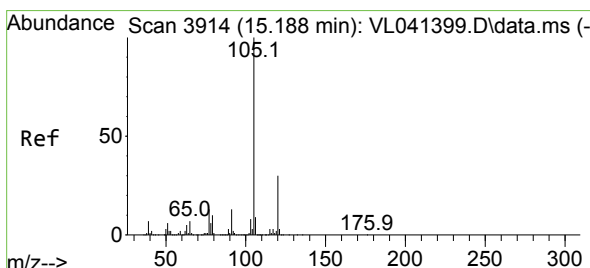
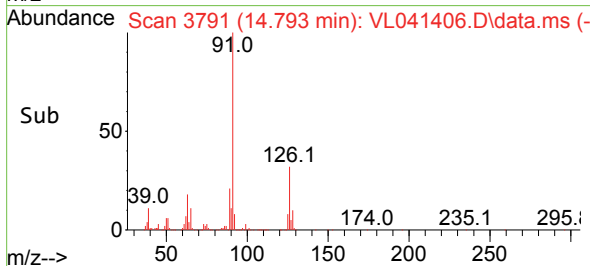
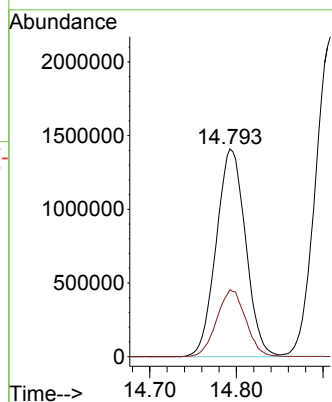
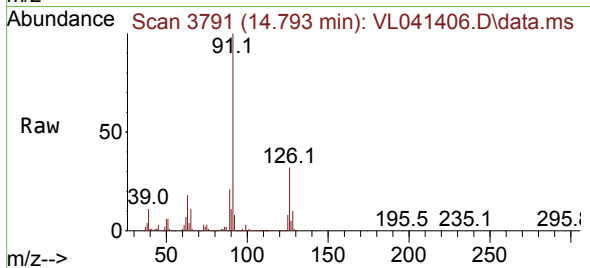




#71
2-Chlorotoluene
Concen: 8.016 ppbv
RT: 14.793 min Scan# 31
Delta R.T. -0.006 min
Lab File: VL041406.D
Acq: 25 Jul 2024 19:31

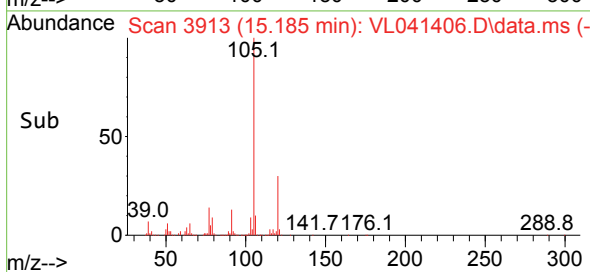
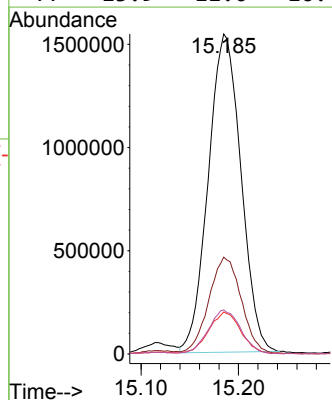
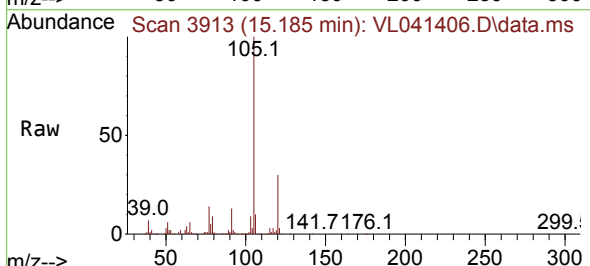
Instrument :
MSVOA_L
ClientSampleId :

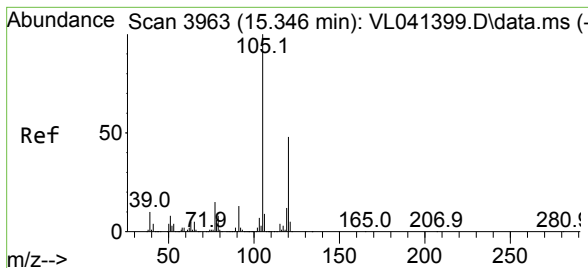
Tgt Ion: 91 Resp: 3319940
Ion Ratio Lower Upper
91 100
126 32.0 12.7 50.9



#72
4-Ethyltoluene
Concen: 8.267 ppbv
RT: 15.185 min Scan# 3913
Delta R.T. -0.003 min
Lab File: VL041406.D
Acq: 25 Jul 2024 19:31

Tgt Ion:105 Resp: 3595789
Ion Ratio Lower Upper
105 100
120 30.6 24.2 36.2
91 13.0 10.4 15.6
77 13.9 11.0 16.4





#73

1,3,5-Trimethylbenzene

Concen: 8.291 ppbv

RT: 15.346 min Scan# 3963

Delta R.T. -0.000 min

Lab File: VL041406.D

Acq: 25 Jul 2024 19:31

Instrument :

MSVOA_L

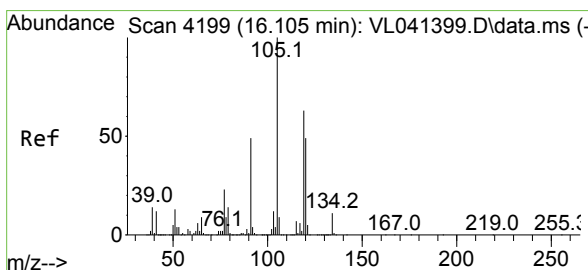
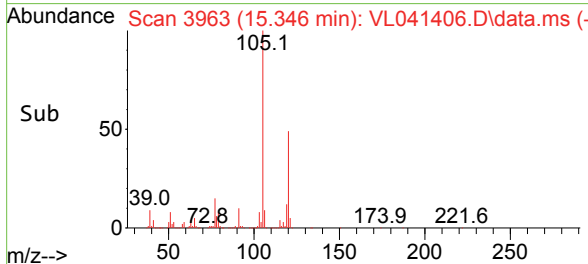
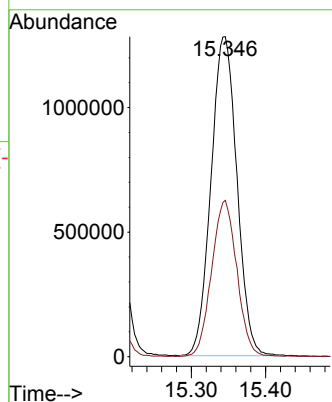
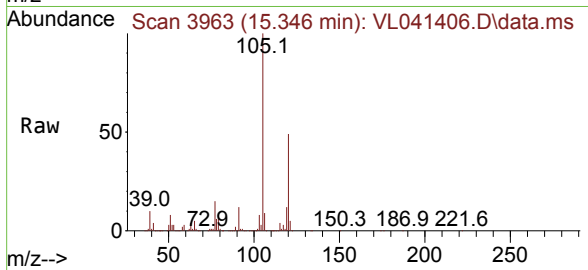
ClientSampleId :

Tgt Ion:105 Resp: 3106784

Ion Ratio Lower Upper

105 100

120 48.9 38.6 57.8



#74

1,2,4-Trimethylbenzene

Concen: 7.853 ppbv

RT: 16.101 min Scan# 4198

Delta R.T. -0.003 min

Lab File: VL041406.D

Acq: 25 Jul 2024 19:31

Tgt Ion:105 Resp: 3420961

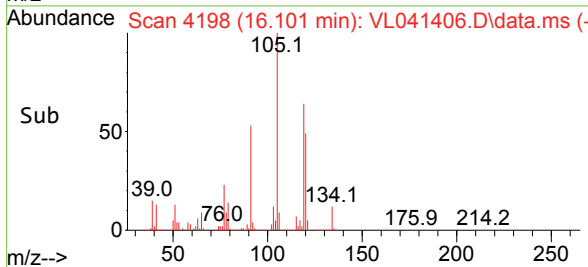
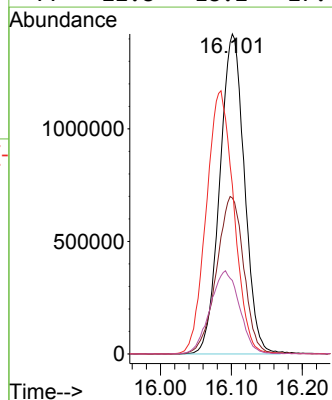
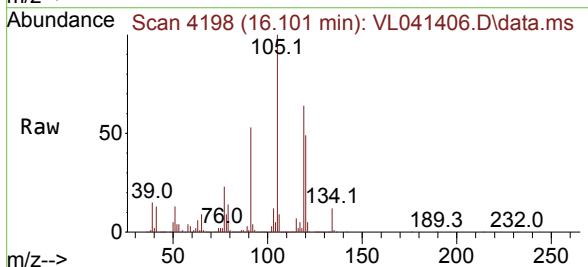
Ion Ratio Lower Upper

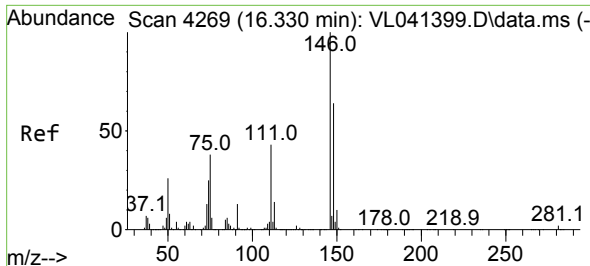
105 100

120 48.7 39.5 59.3

91 52.5 39.8 59.8

77 22.8 18.2 27.4

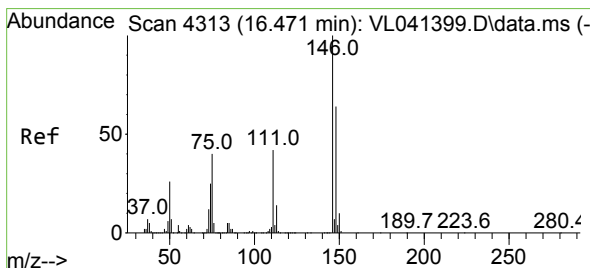
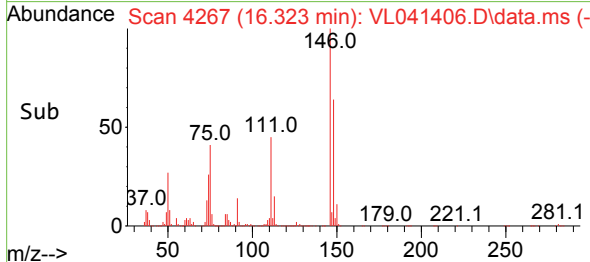
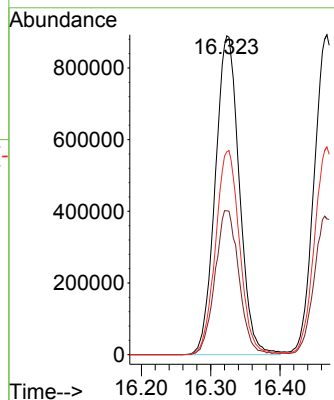
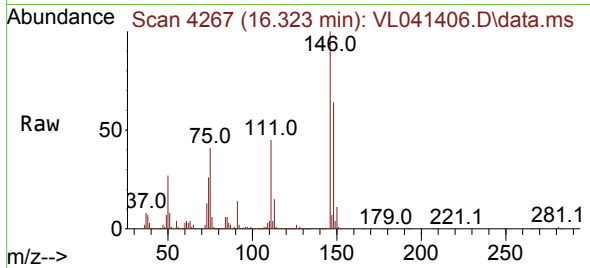




#75
1,3-Dichlorobenzene
Concen: 7.827 ppbv
RT: 16.323 min Scan# 4312
Delta R.T. -0.006 min
Lab File: VL041406.D
Acq: 25 Jul 2024 19:31

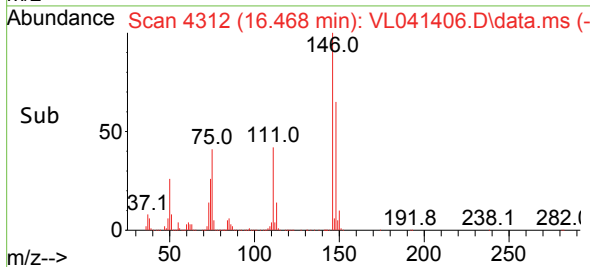
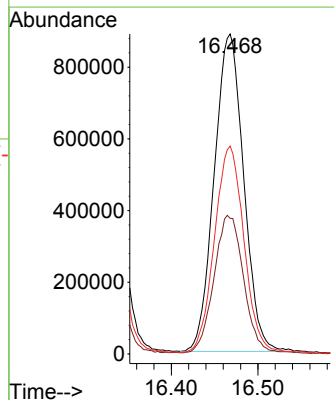
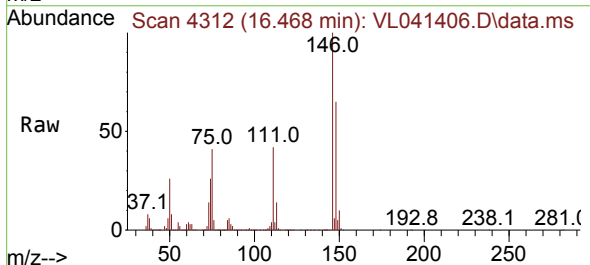
Instrument :
MSVOA_L
ClientSampleId :

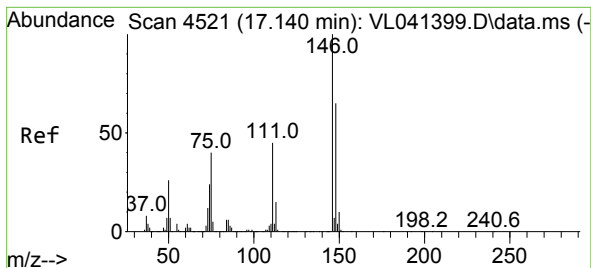
Tgt Ion:146 Resp: 2143246
Ion Ratio Lower Upper
146 100
111 45.3 22.6 67.8
148 64.3 32.3 96.8



#76
1,4-Dichlorobenzene
Concen: 7.881 ppbv
RT: 16.468 min Scan# 4312
Delta R.T. -0.003 min
Lab File: VL041406.D
Acq: 25 Jul 2024 19:31

Tgt Ion:146 Resp: 2089633
Ion Ratio Lower Upper
146 100
111 44.9 22.4 67.0
148 66.7 33.1 99.5





#77

1,2-Dichlorobenzene

Concen: 7.694 ppbv

RT: 17.137 min Scan# 4521

Delta R.T. -0.003 min

Lab File: VL041406.D

Acq: 25 Jul 2024 19:31

Instrument :

MSVOA_L

ClientSampleId :

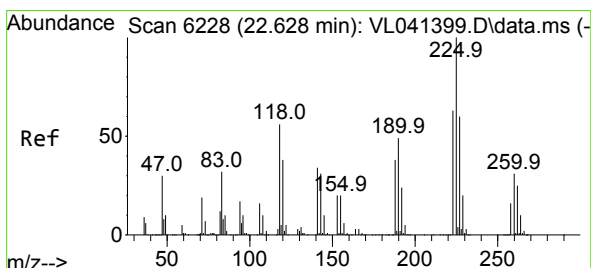
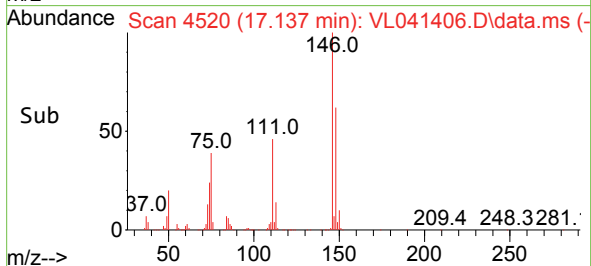
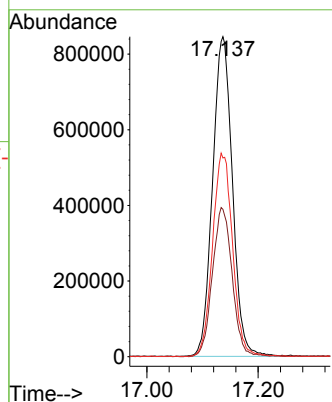
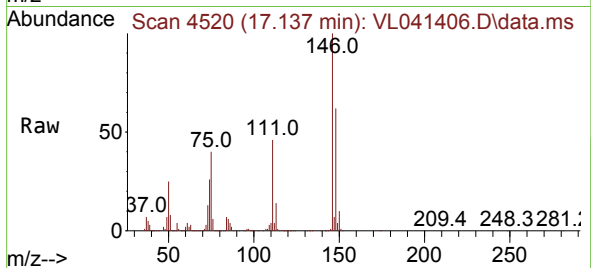
Tgt Ion:146 Resp: 2088726

Ion Ratio Lower Upper

146 100

111 46.7 23.4 70.0

148 64.2 32.2 96.6



#78

Hexachloro-1,3-Butadiene

Concen: 6.947 ppbv

RT: 22.625 min Scan# 6227

Delta R.T. -0.003 min

Lab File: VL041406.D

Acq: 25 Jul 2024 19:31

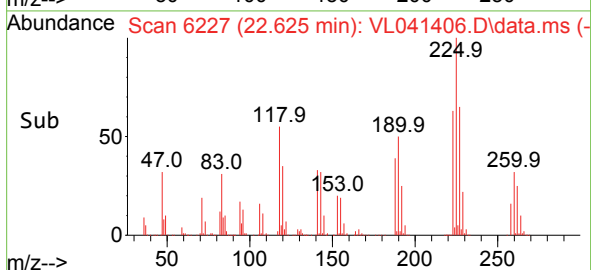
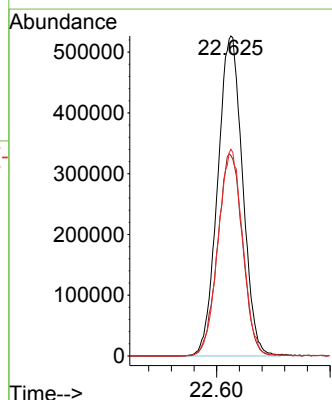
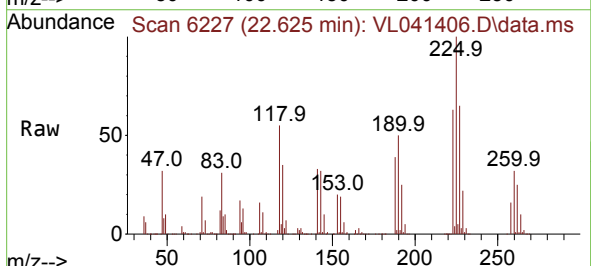
Tgt Ion:225 Resp: 1608282

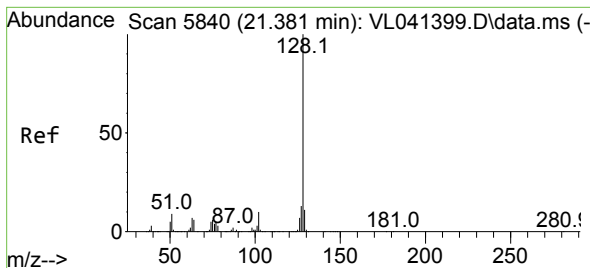
Ion Ratio Lower Upper

225 100

223 63.3 50.6 76.0

227 63.8 50.8 76.2





#79

Naphthalene

Concen: 9.373 ppbv

RT: 21.374 min Scan# 51

Delta R.T. -0.006 min

Lab File: VL041406.D

Acq: 25 Jul 2024 19:31

Instrument :

MSVOA_L

ClientSampleId :

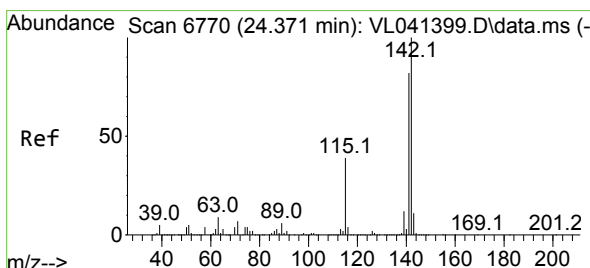
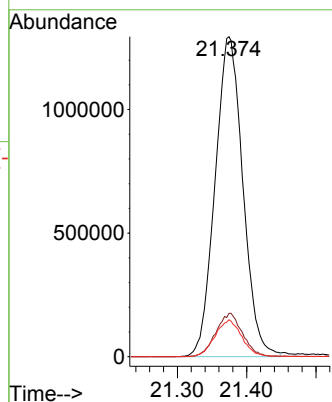
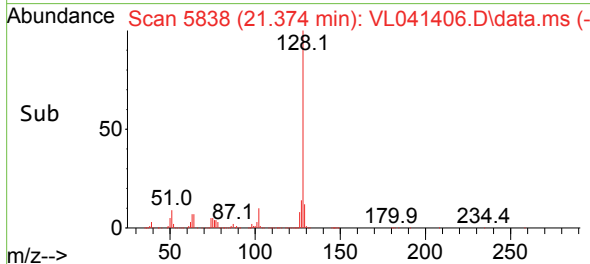
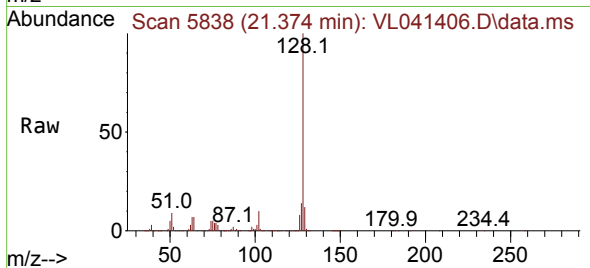
Tgt Ion:128 Resp: 3604007

Ion Ratio Lower Upper

128 100

127 13.5 10.3 15.5

129 11.6 9.0 13.4



#80

Naphthalene,2-methyl-

Concen: 10.222 ppbv

RT: 24.365 min Scan# 6768

Delta R.T. -0.006 min

Lab File: VL041406.D

Acq: 25 Jul 2024 19:31

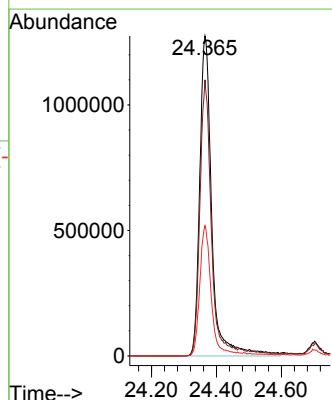
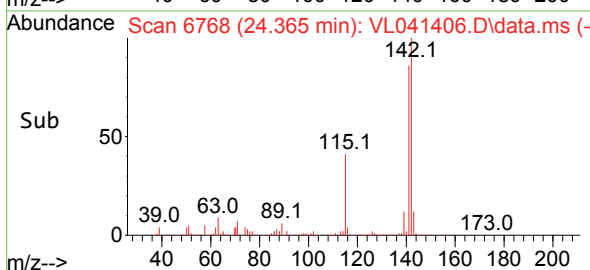
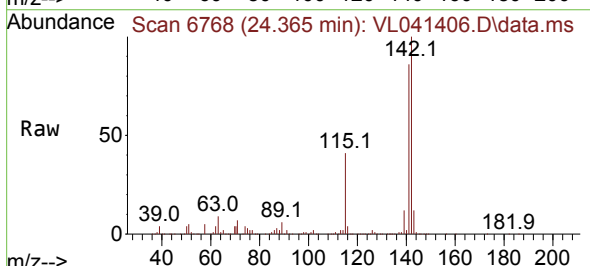
Tgt Ion:142 Resp: 3294736

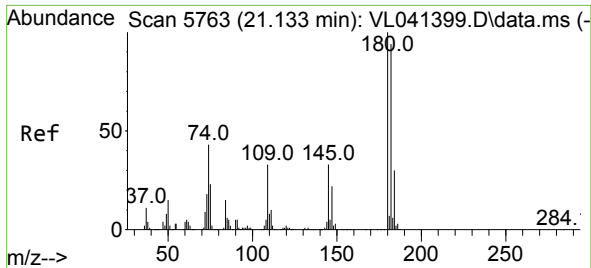
Ion Ratio Lower Upper

142 100

141 83.5 67.0 100.4

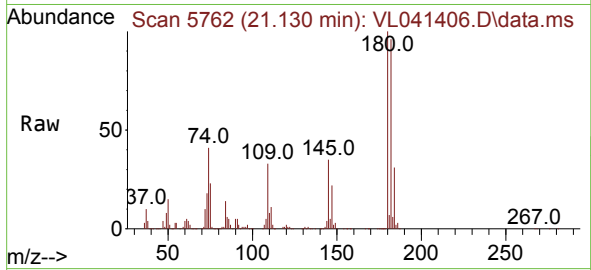
115 39.7 32.2 48.2





#81
 1,2,4-Trichlorobenzene
 Concen: 8.252 ppbv
 RT: 21.130 min Scan# 51
 Delta R.T. -0.003 min
 Lab File: VL041406.D
 Acq: 25 Jul 2024 19:31

Instrument :
 MSVOA_L
 ClientSampleId :



Tgt Ion:180 Resp: 1888152

Ion	Ratio	Lower	Upper
180	100		
182	95.4	76.7	115.1
184	30.8	24.5	36.7

