

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL073124\
 Data File : VL041453.D
 Acq On : 31 Jul 2024 8:07
 Operator : SY/MD
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :

Quant Time: Aug 01 02:37:30 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 : Thu Aug 01 02:36:30 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.195	49	1056218	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.658	114	2891752	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.471	117	2826699	10.000	ppbv	# 0.00

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.783	95	2181421	10.028	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	100.300%

Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.729	85	1451857	7.990	ppbv	98
3) Chlorodifluoromethane	2.674	51	1258920	10.012	ppbv	99
4) Chloromethane	2.812	50	653767	9.776	ppbv	99
5) Vinyl Chloride	2.922	62	665911	10.102	ppbv	100
6) Bromomethane	3.121	94	350958	10.359	ppbv	99
7) Chloroethane	3.198	64	237193	10.426	ppbv	96
8) Dichlorotetrafluoroethane	2.857	85	1591117	9.883	ppbv	99
9) Propene	2.693	41	584367	10.117	ppbv	98
10) Heptane	7.584	43	1408075	10.850	ppbv	100
11) Trichlorofluoromethane	3.565	101	1598882	9.908	ppbv	98
12) 1,1,2-Trichlorotrifluo...	4.066	101	1122400	9.659	ppbv	98
13) Ethanol	3.247	45	36995	7.166	ppbv	88
14) Bromoethene	3.365	108	473240	10.446	ppbv	99
15) Acetone	3.468	43	1175492	9.795	ppbv	100
16) 1,3-Butadiene	2.986	39	654179	10.203	ppbv	100
17) tert-Butyl alcohol	3.877	59	1239642	11.326	ppbv	100
18) 1,1-Dichloroethene	3.880	96	518648	10.434	ppbv	94
19) Isopropyl Alcohol	3.574	45	782984	11.160	ppbv	99
20) Methylene Chloride	3.935	84	425308	9.504	ppbv	97
21) Allyl Chloride	3.996	41	811870	10.316	ppbv	97
22) trans-1,2-Dichloroethene	4.446	96	514987	10.362	ppbv	99
23) Vinyl Acetate	4.629	43	1035280	11.295	ppbv	99
24) 1,1-Dichloroethane	4.565	63	1093906	10.137	ppbv	99
25) Ethyl Acetate	5.205	43	2507082	10.516	ppbv	100
26) Hexane	5.214	57	1051725	10.634	ppbv	99
27) Carbon Disulfide	4.124	76	1235826	10.681	ppbv	98
28) Methyl tert-Butyl Ether	4.587	73	646078	10.359	ppbv	99
29) Chloroform	5.275	83	1626013	10.080	ppbv	99
30) Cyclohexane	6.606	84	893897	11.099	ppbv	99
31) cis-1,2-Dichloroethene	5.082	61	1055145	10.800	ppbv	99
32) 1,1,1-Trichloroethane	6.008	97	1601401	10.198	ppbv	100
34) 2-Butanone	4.787	43	1526268	10.911	ppbv	100
35) Carbon Tetrachloride	6.497	117	1669633	10.468	ppbv	99
36) Benzene	6.375	78	2227263	10.541	ppbv	99
37) 1,2-Dichloroethane	5.809	62	1250795	10.576	ppbv	100
38) Trichloroethene	7.298	130	1008103	10.414	ppbv	98
39) 1,2-Dichloropropane	7.076	63	875613	10.824	ppbv	99
40) 1,4-Dioxane	7.291	88	363754	11.193	ppbv	96
41) Tetrahydrofuran	5.558	42	929664	11.620	ppbv	99
42) Bromodichloromethane	7.256	83	1791366	10.490	ppbv	98
43) Methyl Methacrylate	7.478	69	903880	11.929	ppbv	99
44) 2,2,4-Trimethylpentane	7.333	57	3737752	10.591	ppbv	100
45) t-1,3-Dichloropropene	8.713	75	917856	13.161	ppbv	95

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

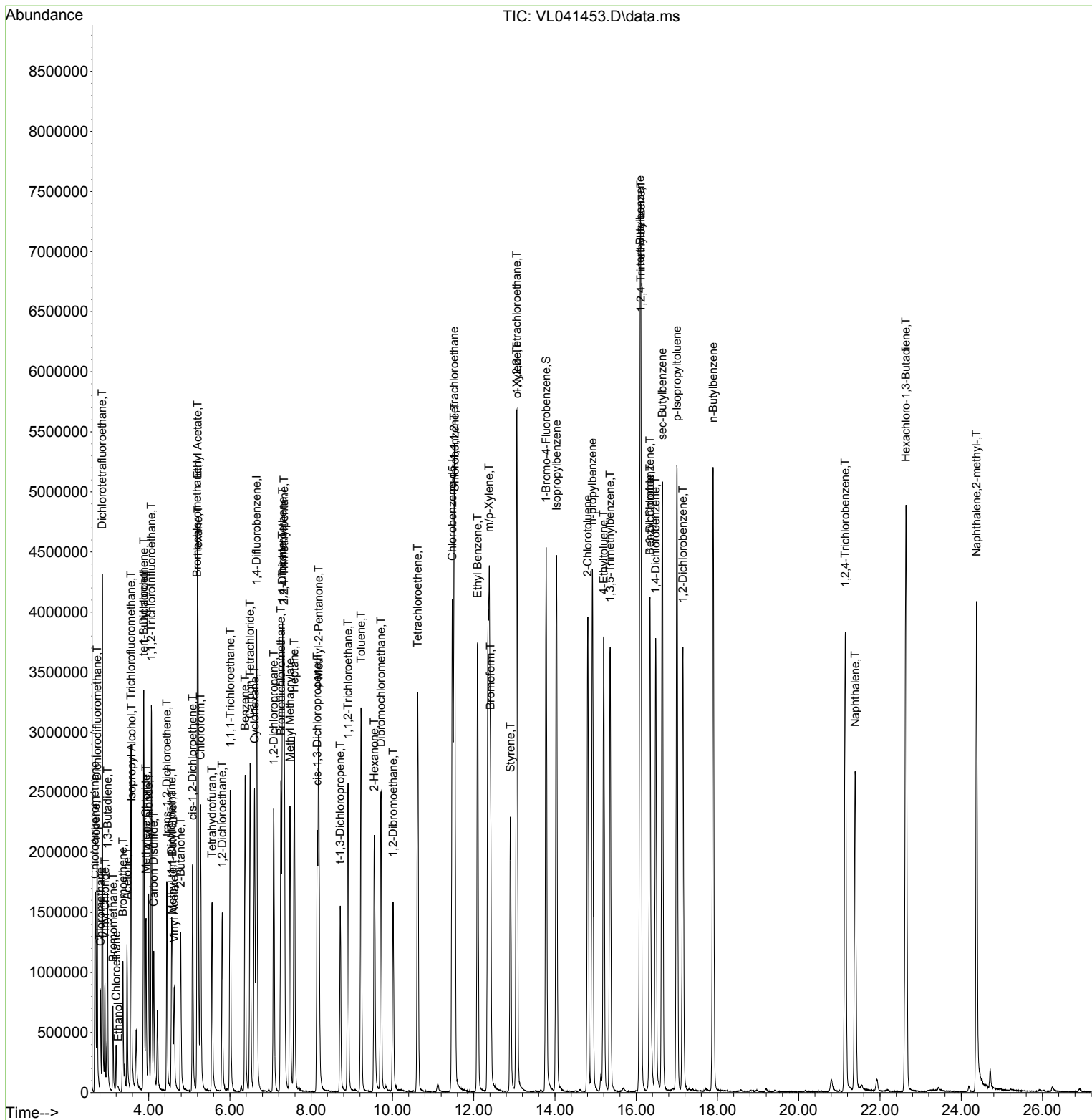
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 ClientSampleId :

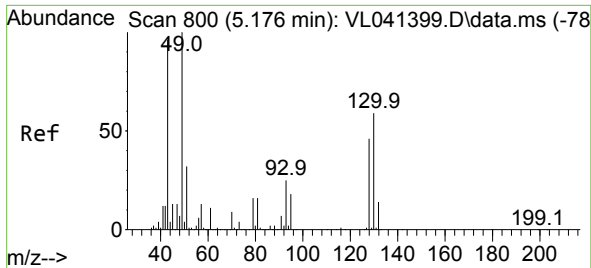
Quant Time: Aug 01 02:37:30 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL072524AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Thu Aug 01 02:36:30 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.150	75	1223759	12.151	ppbv	95
47) 1,1,2-Trichloroethane	8.905	97	930770	10.438	ppbv	99
48) Dibromochloromethane	9.719	129	1549666	10.788	ppbv	100
49) Bromoform	12.413	173	1349001	11.117	ppbv	99
50) 4-Methyl-2-Pentanone	8.185	43	2490766	11.286	ppbv	100
51) 2-Hexanone	9.552	43	2023084	12.123	ppbv	100
52) Tetrachloroethene	10.622	164	859219	10.524	ppbv	97
53) Toluene	9.227	91	2637897	11.208	ppbv	100
54) 1,2-Dibromoethane	10.015	107	1351830	11.390	ppbv	94
56) 1,1,1,2-Tetrachloroethane	11.516	131	1119746	10.215	ppbv #	55
57) Chlorobenzene	11.536	112	2033707	10.105	ppbv	99
58) Ethyl Benzene	12.098	91	3557954	10.920	ppbv	99
59) m/p-Xylene	12.378	91	3199127	11.375	ppbv #	40
60) o-Xylene	13.066	91	2839908	10.674	ppbv	99
61) Styrene	12.905	104	1425542	11.876	ppbv	99
62) Isopropylbenzene	14.037	105	4168862	10.307	ppbv	99
63) 1,1,2,2-Tetrachloroethane	13.056	83	1738046	10.345	ppbv	100
64) n-propylbenzene	14.921	120	1121299	10.604	ppbv	98
65) tert-Butylbenzene	16.095	119	3749291	10.263	ppbv	100
66) Benzyl Chloride	16.336	91	291792	12.453	ppbv	99
67) sec-Butylbenzene	16.641	105	5246091	10.423	ppbv	100
69) p-Isopropyltoluene	17.002	119	4386478	10.502	ppbv	100
70) n-Butylbenzene	17.892	91	4550383	10.627	ppbv	100
71) 2-Chlorotoluene	14.806	91	3131546	10.499	ppbv	99
72) 4-Ethyltoluene	15.198	105	3437522	10.974	ppbv	100
73) 1,3,5-Trimethylbenzene	15.359	105	2942554	10.905	ppbv	99
74) 1,2,4-Trimethylbenzene	16.117	105	3253415	10.370	ppbv	96
75) 1,3-Dichlorobenzene	16.339	146	2045897	10.374	ppbv	100
76) 1,4-Dichlorobenzene	16.481	146	2032848	10.646	ppbv	98
77) 1,2-Dichlorobenzene	17.149	146	1979755	10.127	ppbv	99
78) Hexachloro-1,3-Butadiene	22.638	225	1513614	9.079	ppbv	99
79) Naphthalene	21.390	128	3395303	12.262	ppbv	99
80) Naphthalene,2-methyl-	24.377	142	2977660	12.829	ppbv	99
81) 1,2,4-Trichlorobenzene	21.146	180	1792242	10.876	ppbv	100

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

Quant Time: Aug 01 02:37:30 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL072524AIR.M
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QLast Update : Thu Aug 01 02:36:30 2024
Response via : Initial Calibration

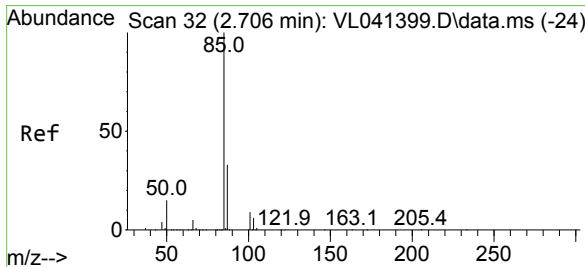
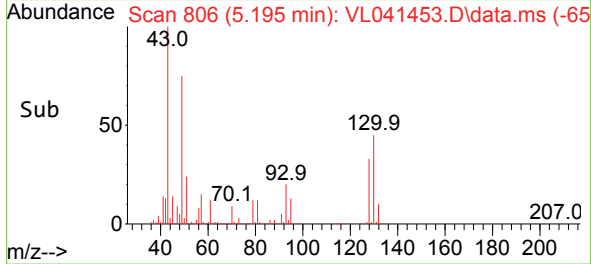
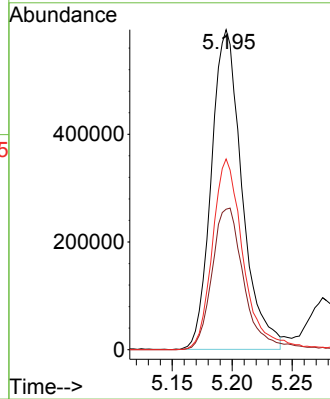
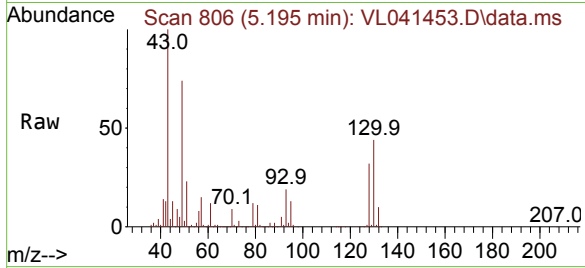




#1
 Bromochloromethane
 Concen: 10.000 ppbv
 RT: 5.195 min Scan# 80
 Delta R.T. -0.000 min
 Lab File: VL041453.D
 Acq: 31 Jul 2024 8:07

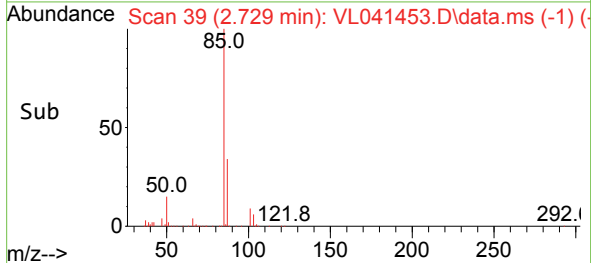
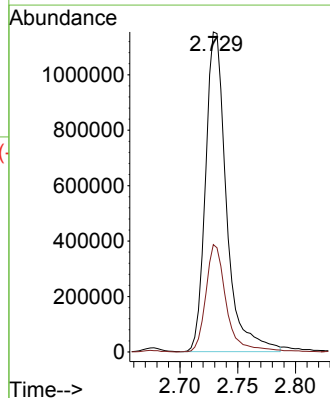
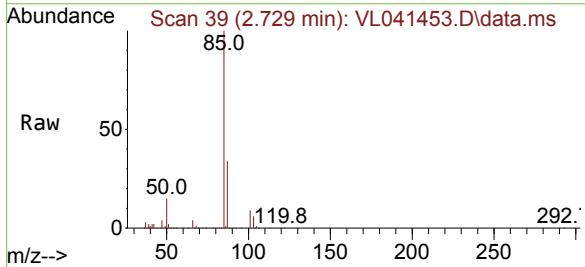
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 MSVOA_L
 ClientSampleId :

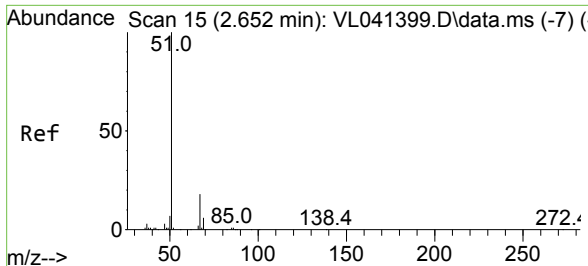
Tgt Ion: 49 Resp: 1056218
 Ion Ratio Lower Upper
 49 100
 128 46.8 23.8 71.4
 130 61.6 30.8 92.4



#2
 Dichlorodifluoromethane
 Concen: 7.990 ppbv
 RT: 2.729 min Scan# 39
 Delta R.T. 0.000 min
 Lab File: VL041453.D
 Acq: 31 Jul 2024 8:07

Tgt Ion: 85 Resp: 1451857
 Ion Ratio Lower Upper
 85 100
 87 33.5 26.0 39.0

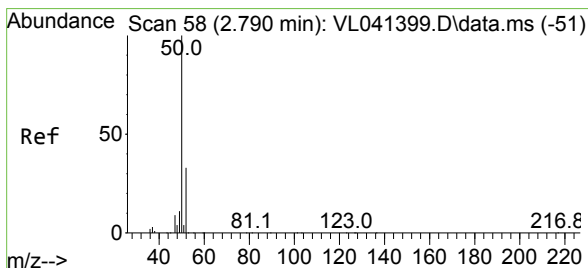
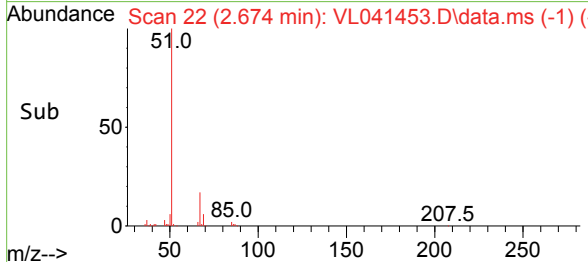
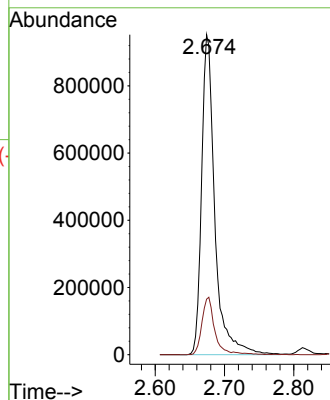
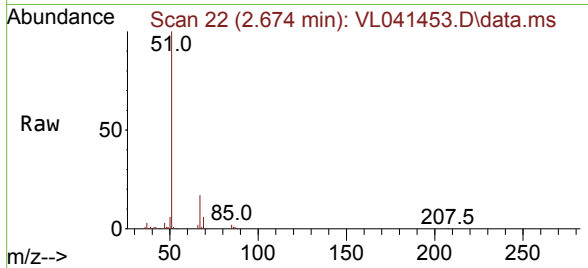




#3
Chlorodifluoromethane
Concen: 10.012 ppbv
RT: 2.674 min Scan# 21
Delta R.T. 0.000 min
Lab File: VL041453.D
Acq: 31 Jul 2024 8:07

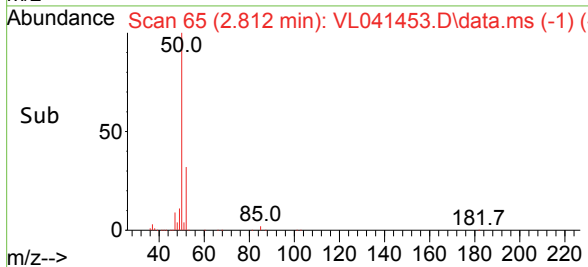
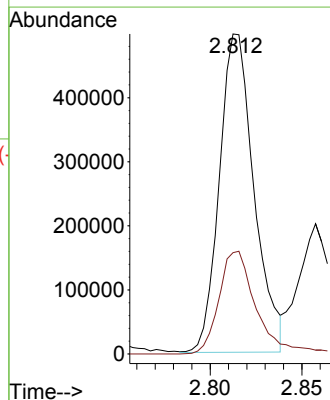
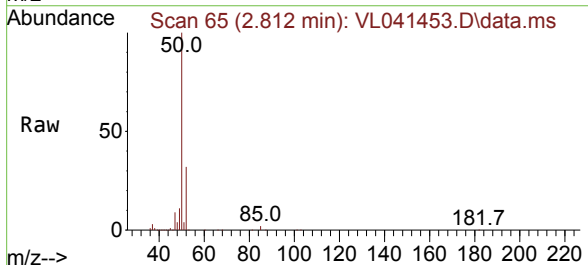
Instrument :
MSVOA_L
ClientSampleId :

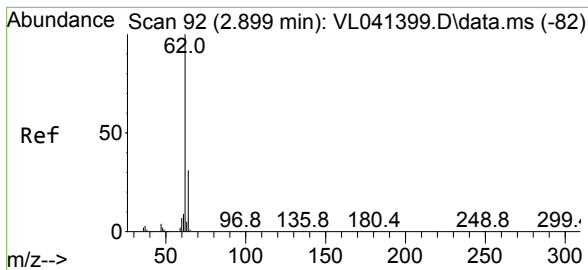
Tgt Ion: 51 Resp: 1258920
Ion Ratio Lower Upper
51 100
67 17.7 14.5 21.7



#4
Chloromethane
Concen: 9.776 ppbv
RT: 2.812 min Scan# 65
Delta R.T. 0.000 min
Lab File: VL041453.D
Acq: 31 Jul 2024 8:07

Tgt Ion: 50 Resp: 653767
Ion Ratio Lower Upper
50 100
52 31.9 26.1 39.1

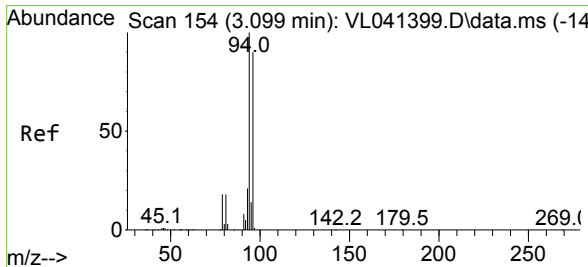
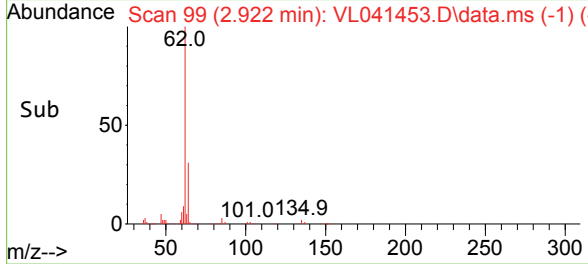
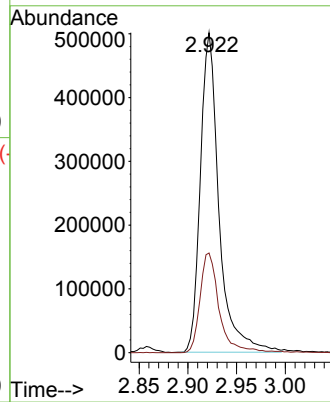
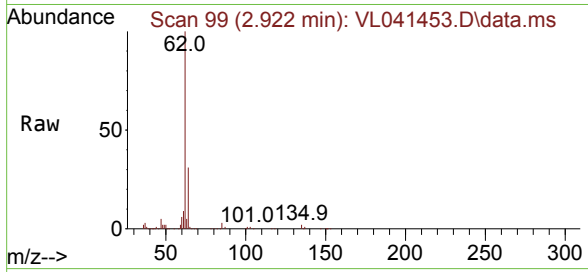




#5
 Vinyl Chloride
 Concen: 10.102 ppbv
 RT: 2.922 min Scan# 99
 Delta R.T. 0.000 min
 Lab File: VL041453.D
 Acq: 31 Jul 2024 8:07

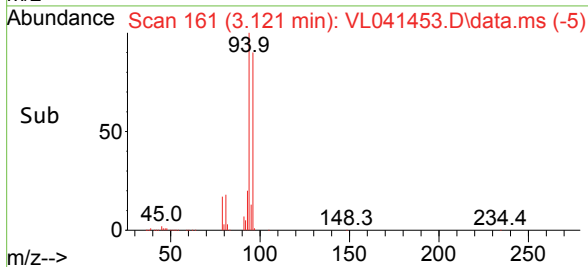
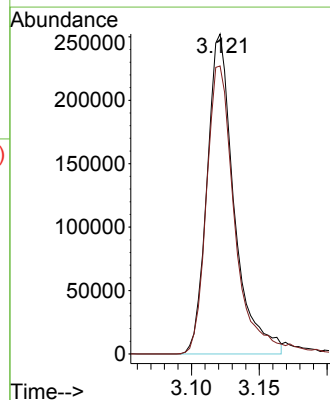
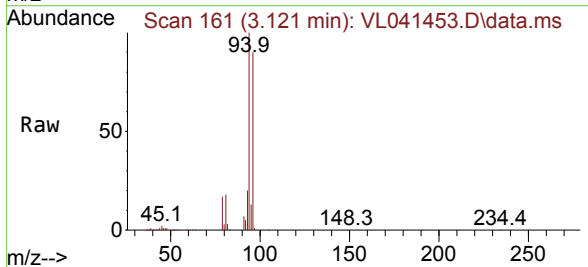
Instrument :
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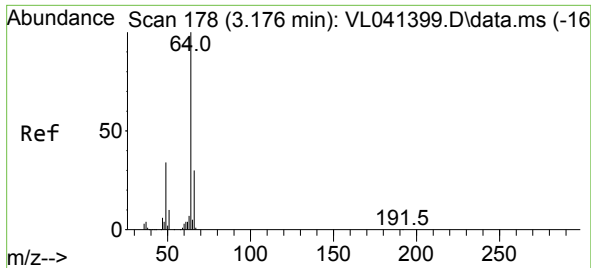
Tgt Ion: 62 Resp: 665911
 Ion Ratio Lower Upper
 62 100
 64 31.2 25.0 37.4



#6
 Bromomethane
 Concen: 10.359 ppbv
 RT: 3.121 min Scan# 161
 Delta R.T. 0.000 min
 Lab File: VL041453.D
 Acq: 31 Jul 2024 8:07

Tgt Ion: 94 Resp: 350958
 Ion Ratio Lower Upper
 94 100
 96 89.9 72.3 108.5

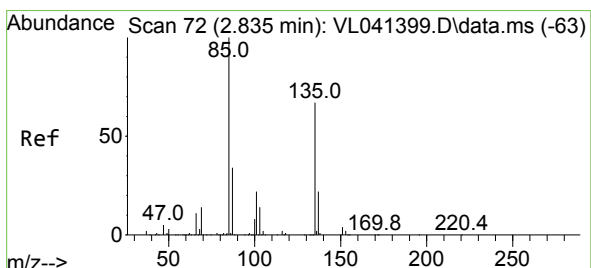
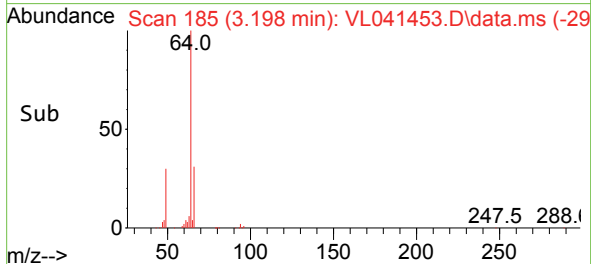
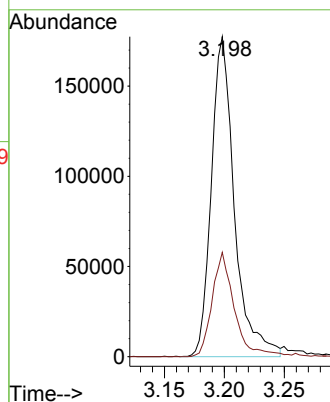
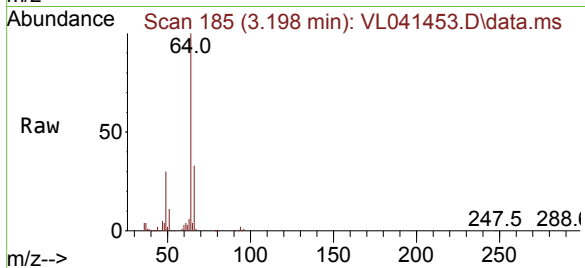




#7
Chloroethane
Concen: 10.426 ppbv
RT: 3.198 min Scan# 11
Delta R.T. 0.000 min
Lab File: VL041453.D
Acq: 31 Jul 2024 8:07

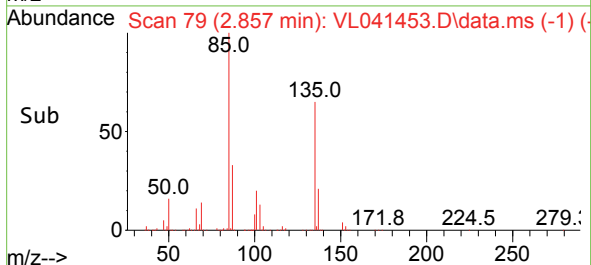
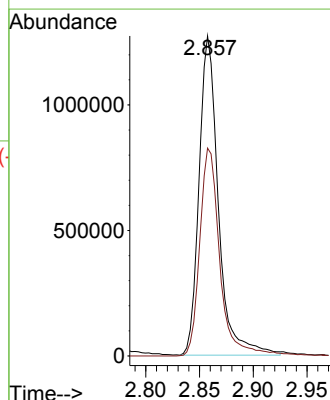
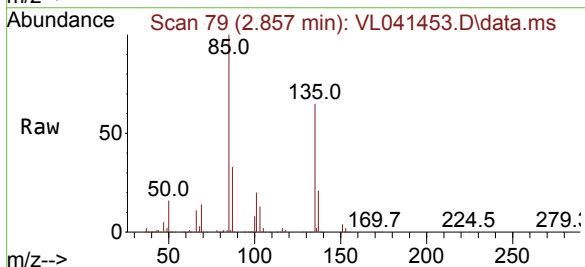
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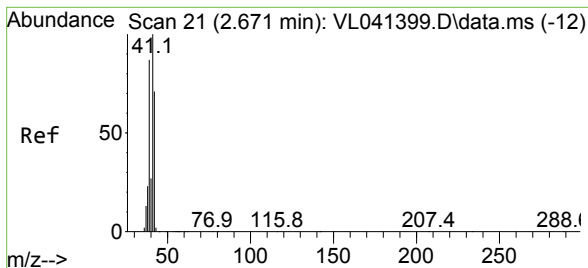
Tgt Ion: 64 Resp: 237193
Ion Ratio Lower Upper
64 100
66 32.6 24.2 36.2



#8
Dichlorotetrafluoroethane
Concen: 9.883 ppbv
RT: 2.857 min Scan# 79
Delta R.T. 0.000 min
Lab File: VL041453.D
Acq: 31 Jul 2024 8:07

Tgt Ion: 85 Resp: 1591117
Ion Ratio Lower Upper
85 100
135 68.5 55.4 83.0





#9

Propene

Concen: 10.117 ppbv

RT: 2.693 min Scan# 21

Delta R.T. 0.000 min

Lab File: VL041453.D

Acq: 31 Jul 2024 8:07

Instrument :

MSVOA_L

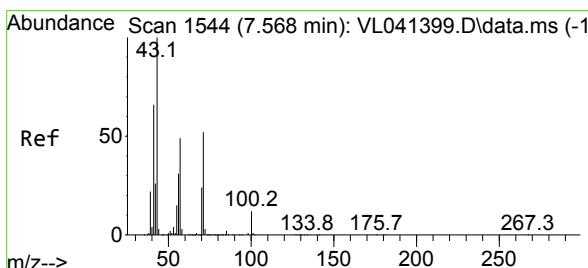
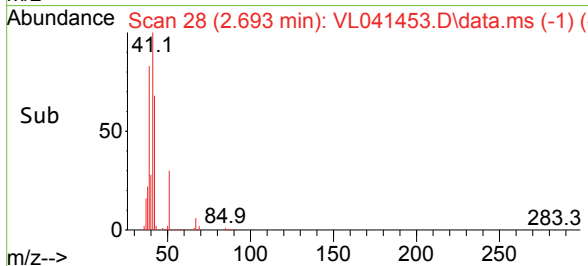
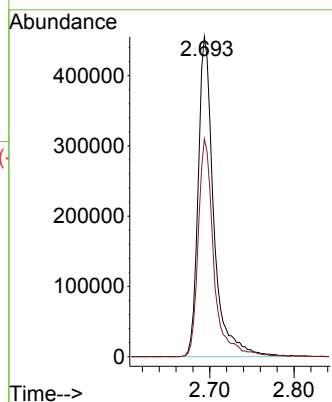
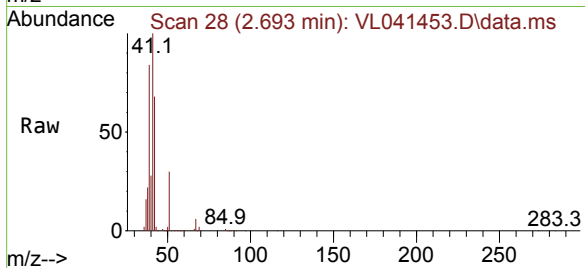
ClientSampleId :

Tgt Ion: 41 Resp: 584367

Ion Ratio Lower Upper

41 100

42 68.5 55.9 83.9



#10

Heptane

Concen: 10.850 ppbv

RT: 7.584 min Scan# 1549

Delta R.T. 0.000 min

Lab File: VL041453.D

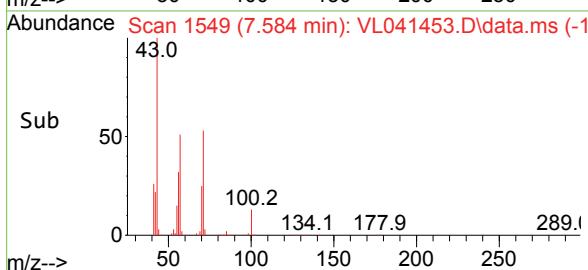
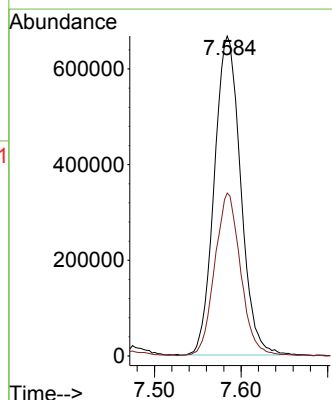
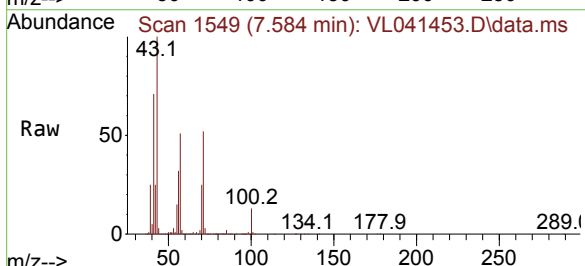
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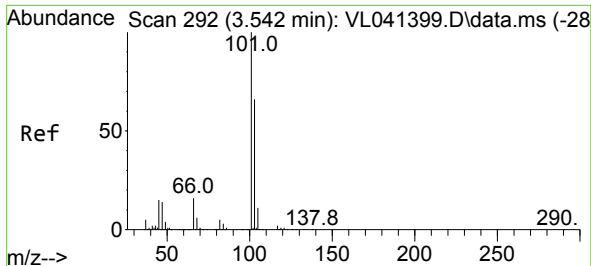
Tgt Ion: 43 Resp: 1408075

Ion Ratio Lower Upper

43 100

57 50.4 40.5 60.7

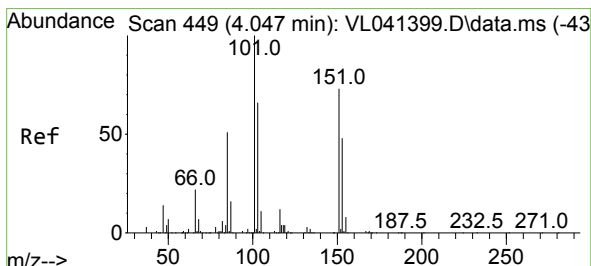
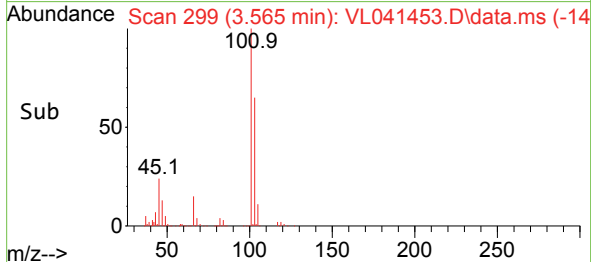
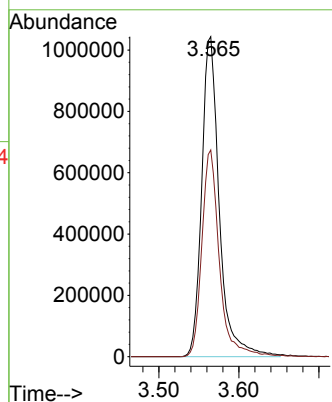
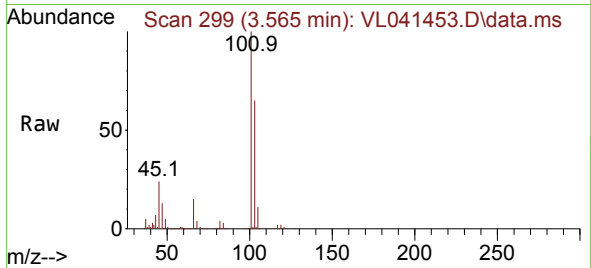




#11
 Trichlorofluoromethane
 Concen: 9.908 ppbv
 RT: 3.565 min Scan# 292
 Delta R.T. 0.000 min
 Lab File: VL041453.D
 Acq: 31 Jul 2024 8:07

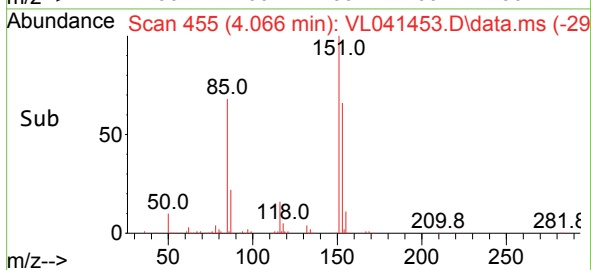
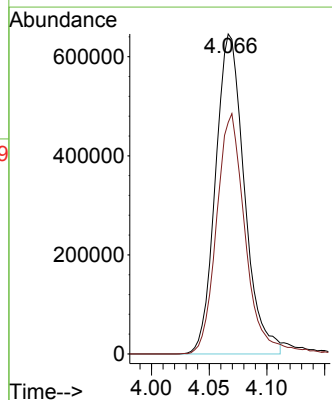
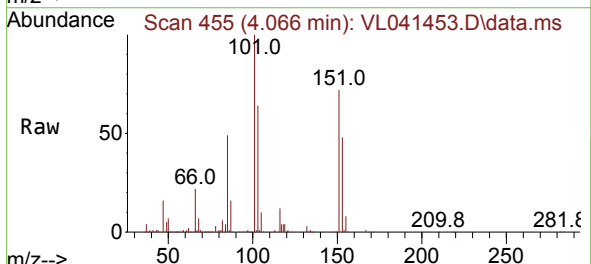
Instrument :
 MSVOA_L
 ClientSampleId :

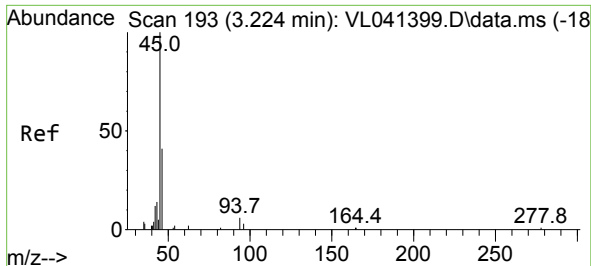
Tgt Ion:101 Resp: 1598882
 Ion Ratio Lower Upper
 101 100
 103 64.6 52.6 79.0



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 9.659 ppbv
 RT: 4.066 min Scan# 455
 Delta R.T. 0.000 min
 Lab File: VL041453.D
 Acq: 31 Jul 2024 8:07

Tgt Ion:101 Resp: 1122400
 Ion Ratio Lower Upper
 101 100
 151 75.7 59.4 89.2

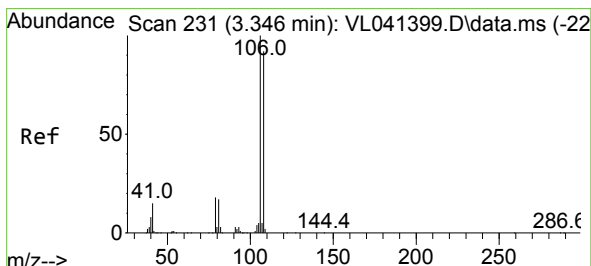
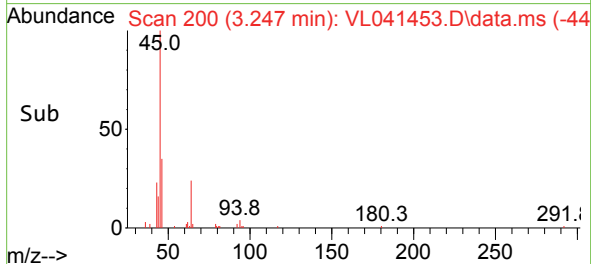
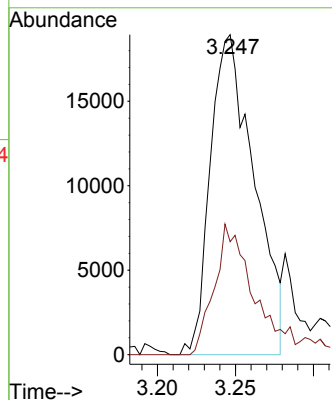
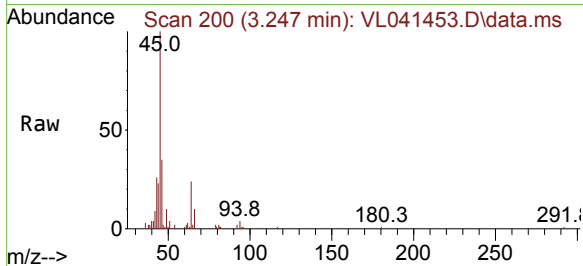




#13
Ethanol
Concen: 7.166 ppbv
RT: 3.247 min Scan# 200
Delta R.T. 0.000 min
Lab File: VL041453.D
Acq: 31 Jul 2024 8:07

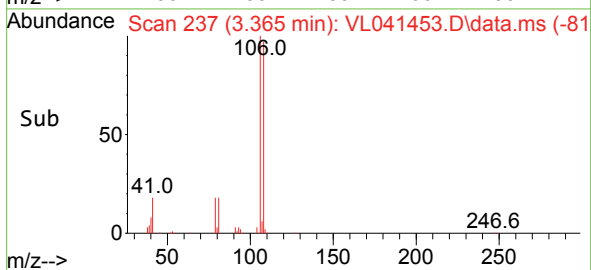
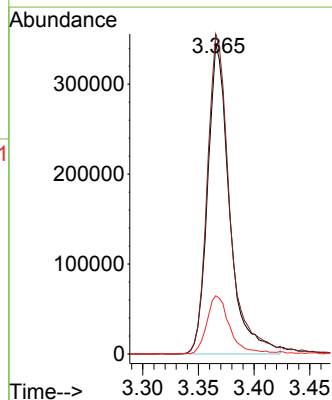
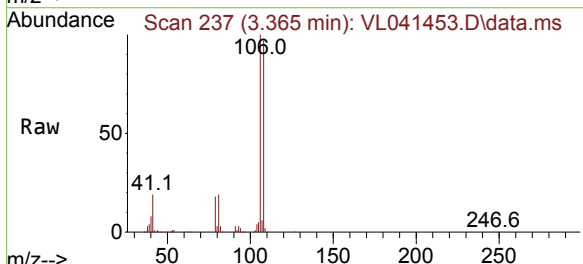
Instrument :
MSVOA_L
ClientSampleId :

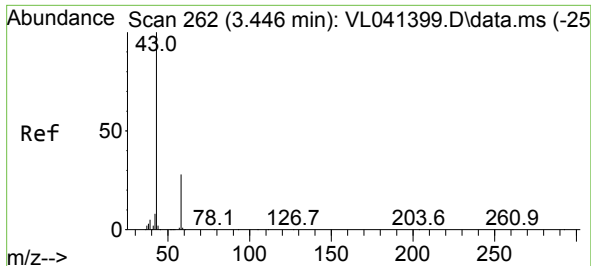
Tgt Ion: 45 Resp: 36995
Ion Ratio Lower Upper
45 100
46 40.1 13.4 53.4



#14
Bromoethene
Concen: 10.446 ppbv
RT: 3.365 min Scan# 237
Delta R.T. 0.000 min
Lab File: VL041453.D
Acq: 31 Jul 2024 8:07

Tgt Ion: 108 Resp: 473240
Ion Ratio Lower Upper
108 100
106 107.8 86.9 130.3
79 20.3 16.2 24.4





#15

Acetone

Concen: 9.795 ppbv

RT: 3.468 min Scan# 2

Delta R.T. 0.000 min

Lab File: VL041453.D

Acq: 31 Jul 2024 8:07

Instrument :

MSVOA_L

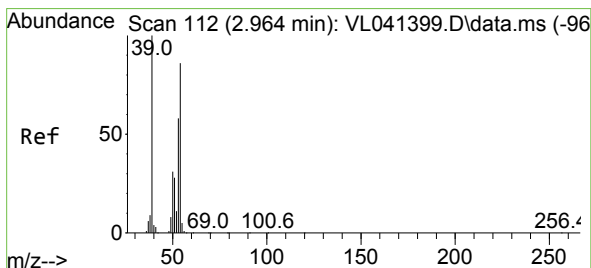
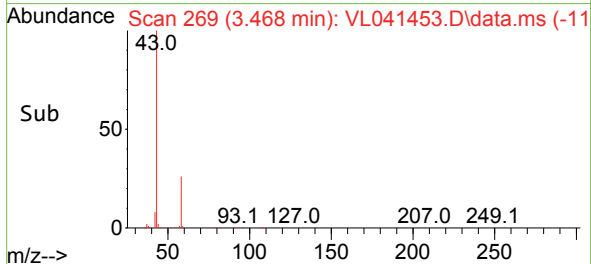
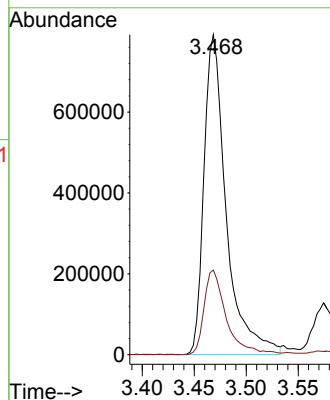
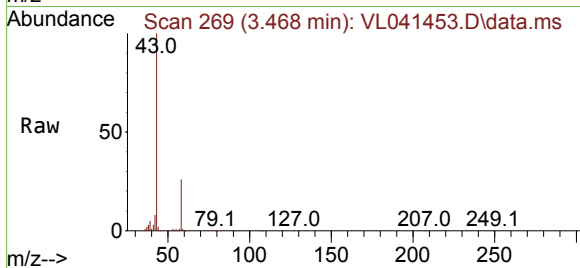
ClientSampleId :

Tgt Ion: 43 Resp: 1175492

Ion Ratio Lower Upper

43 100

58 26.8 21.4 32.2



#16

1,3-Butadiene

Concen: 10.203 ppbv

RT: 2.986 min Scan# 119

Delta R.T. 0.000 min

Lab File: VL041453.D

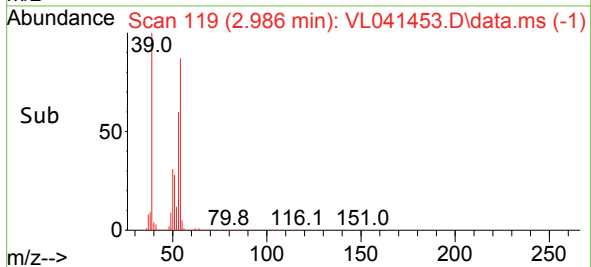
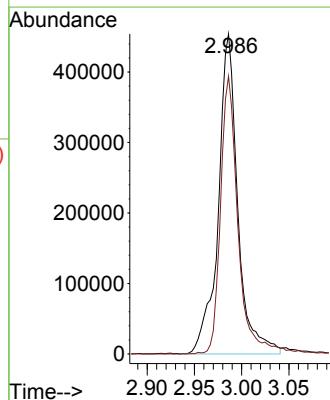
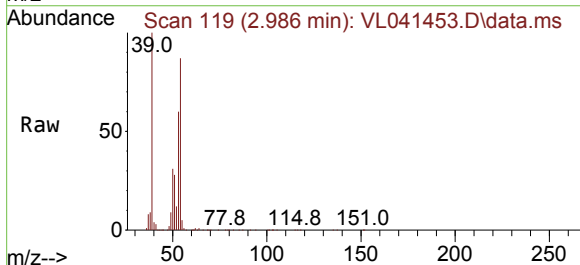
Acq: 31 Jul 2024 8:07

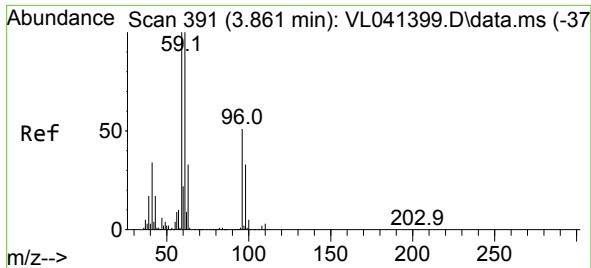
Tgt Ion: 39 Resp: 654179

Ion Ratio Lower Upper

39 100

54 78.3 62.5 93.7

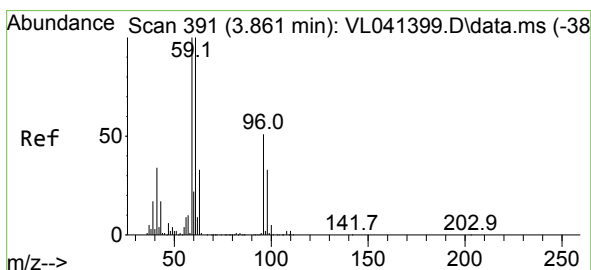
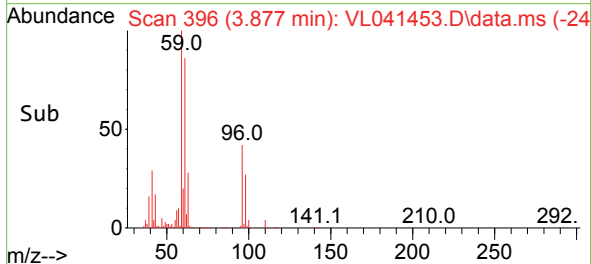
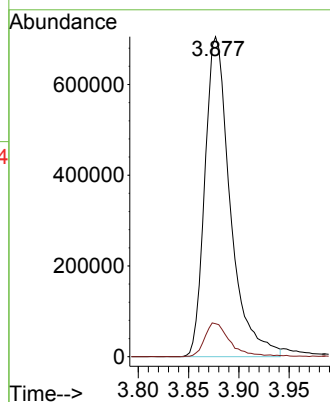
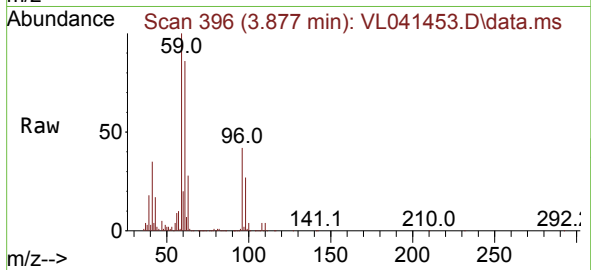




#17
tert-Butyl alcohol
Concen: 11.326 ppbv
RT: 3.877 min Scan# 396
Delta R.T. 0.000 min
Lab File: VL041453.D
Acq: 31 Jul 2024 8:07

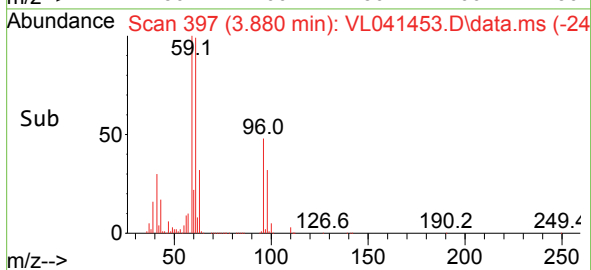
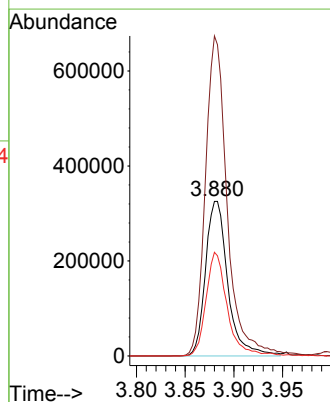
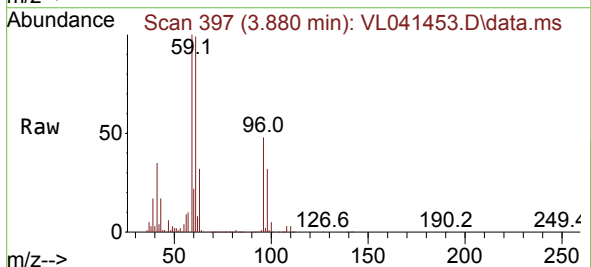
Instrument :
MSVOA_L
ClientSampleId :

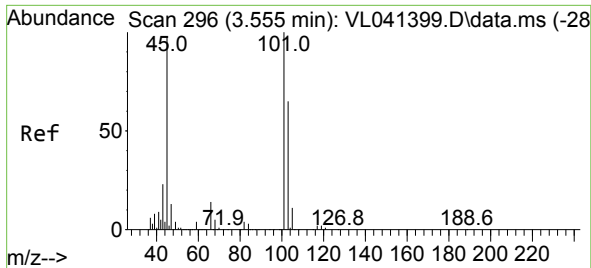
Tgt Ion: 59 Resp: 1239642
Ion Ratio Lower Upper
59 100
57 10.8 8.6 12.8



#18
1,1-Dichloroethene
Concen: 10.434 ppbv
RT: 3.880 min Scan# 397
Delta R.T. 0.000 min
Lab File: VL041453.D
Acq: 31 Jul 2024 8:07

Tgt Ion: 96 Resp: 518648
Ion Ratio Lower Upper
96 100
61 206.9 157.5 236.3
98 67.1 51.2 76.8

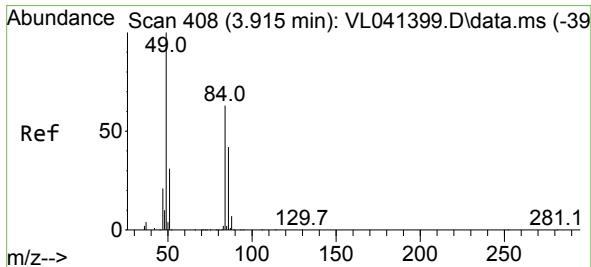
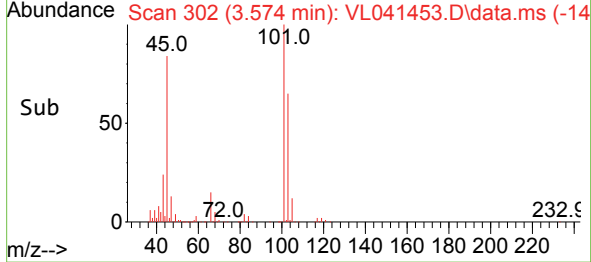
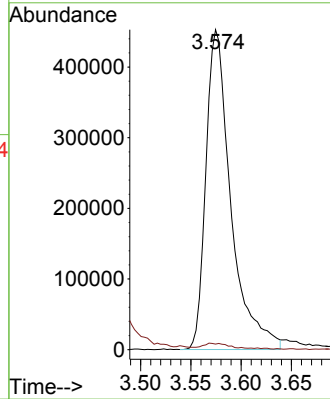
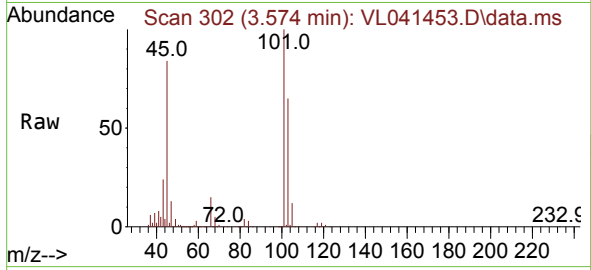




#19
Isopropyl Alcohol
Concen: 11.160 ppbv
RT: 3.574 min Scan# 30
Delta R.T. 0.000 min
Lab File: VL041453.D
Acq: 31 Jul 2024 8:07

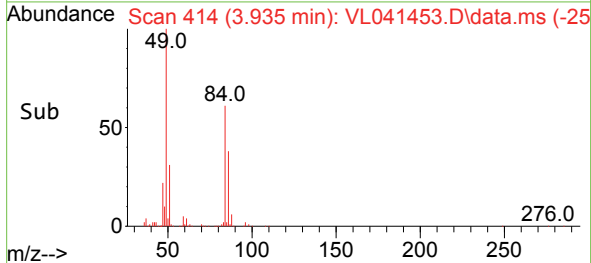
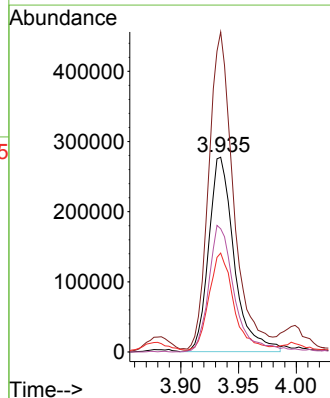
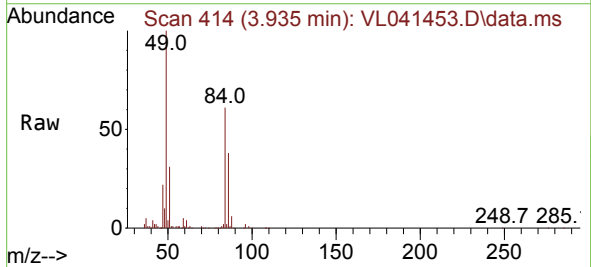
Instrument :
MSVOA_L
ClientSampleId :

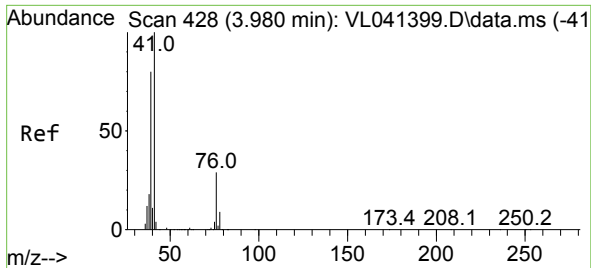
Tgt Ion: 45 Resp: 782984
Ion Ratio Lower Upper
45 100
58 2.2 1.9 2.9



#20
Methylene Chloride
Concen: 9.504 ppbv
RT: 3.935 min Scan# 414
Delta R.T. 0.000 min
Lab File: VL041453.D
Acq: 31 Jul 2024 8:07

Tgt Ion: 84 Resp: 425308
Ion Ratio Lower Upper
84 100
49 163.0 126.6 190.0
51 49.5 38.6 58.0
86 63.3 53.0 79.4

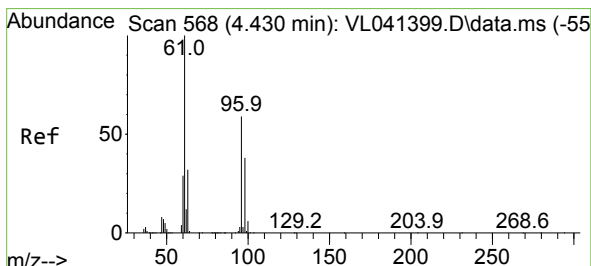
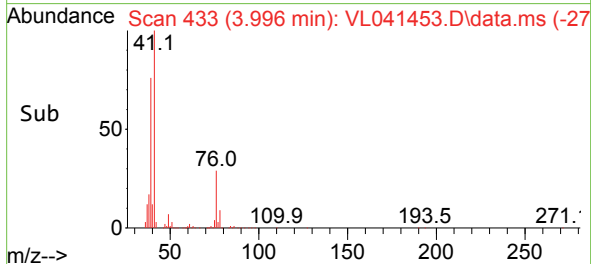
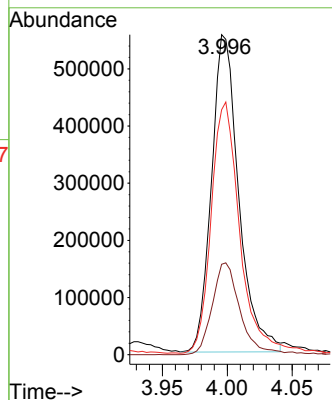
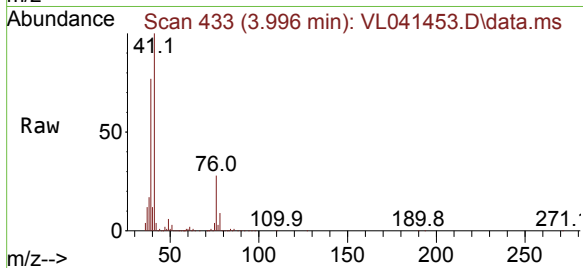




#21
 Allyl Chloride
 Concen: 10.316 ppbv
 RT: 3.996 min Scan# 41
 Delta R.T. 0.000 min
 Lab File: VL041453.D
 Acq: 31 Jul 2024 8:07

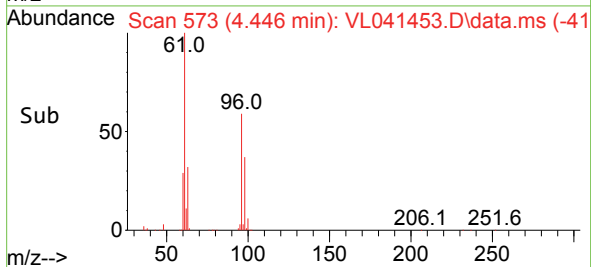
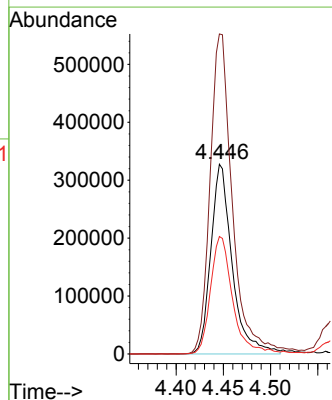
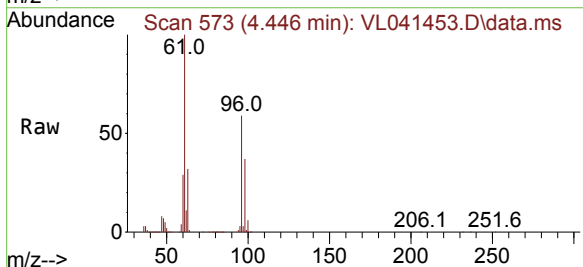
Instrument :
 MSVOA_L
 ClientSampleId :

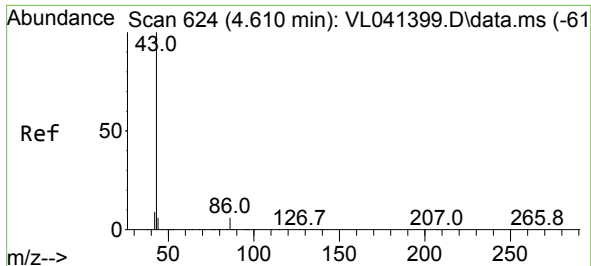
Tgt Ion: 41 Resp: 811870
 Ion Ratio Lower Upper
 41 100
 76 29.9 23.7 35.5
 39 84.1 64.3 96.5



#22
 trans-1,2-Dichloroethene
 Concen: 10.362 ppbv
 RT: 4.446 min Scan# 573
 Delta R.T. 0.000 min
 Lab File: VL041453.D
 Acq: 31 Jul 2024 8:07

Tgt Ion: 96 Resp: 514987
 Ion Ratio Lower Upper
 96 100
 61 168.6 135.4 203.2
 98 61.8 51.0 76.4



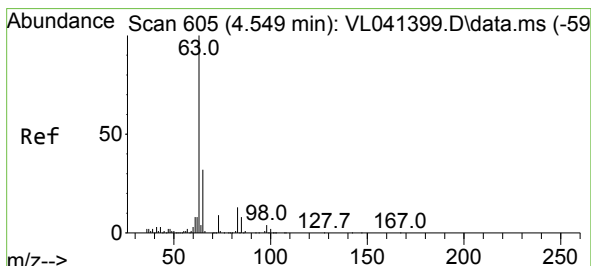
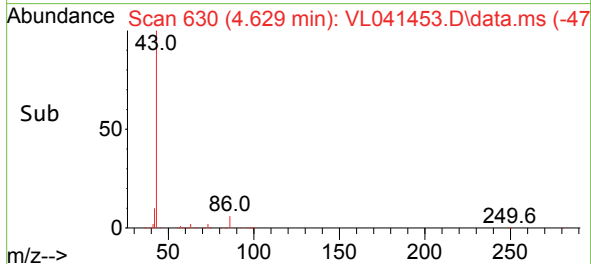
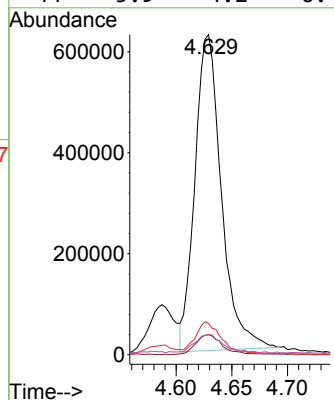
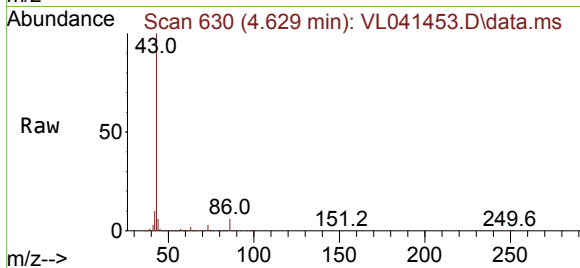


#23
 Vinyl Acetate
 Concen: 11.295 ppbv
 RT: 4.629 min Scan# 610
 Delta R.T. 0.000 min
 Lab File: VL041453.D
 Acq: 31 Jul 2024 8:07

Instrument :
 MSVOA_L
 ClientSampleId :

Tgt Ion: 43 Resp: 1035280

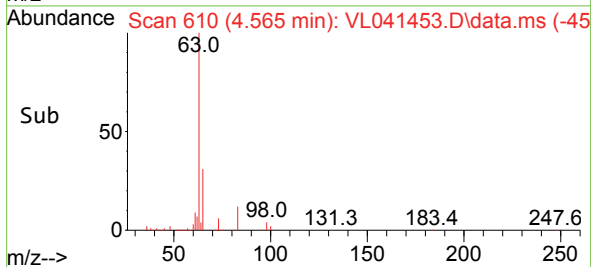
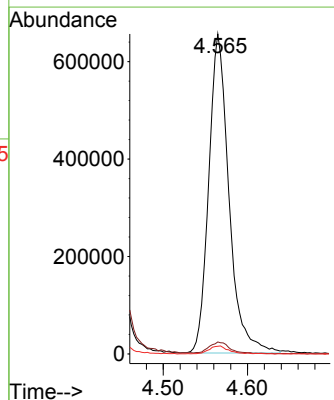
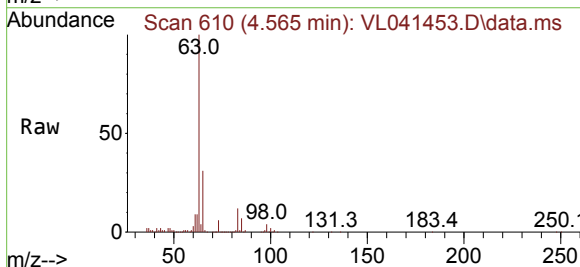
Ion	Ratio	Lower	Upper
43	100		
86	6.2	4.6	6.8
42	9.7	7.9	11.9
44	5.9	4.2	6.4

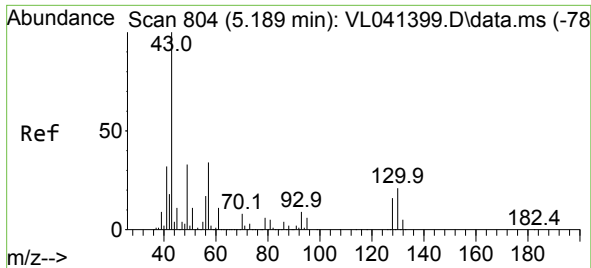


#24
 1,1-Dichloroethane
 Concen: 10.137 ppbv
 RT: 4.565 min Scan# 610
 Delta R.T. 0.000 min
 Lab File: VL041453.D
 Acq: 31 Jul 2024 8:07

Tgt Ion: 63 Resp: 1093906

Ion	Ratio	Lower	Upper
63	100		
98	3.7	2.0	6.0
100	2.4	1.2	3.6



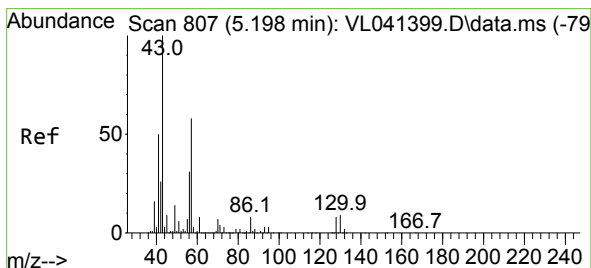
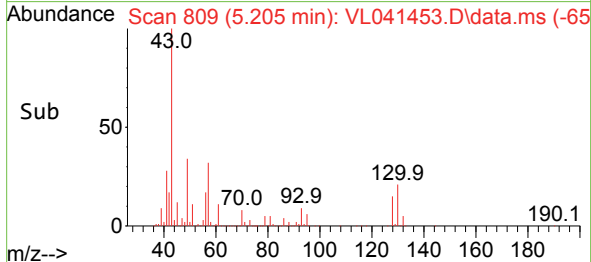
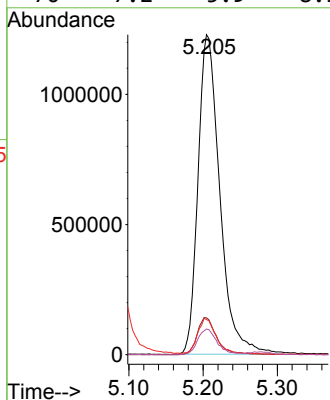
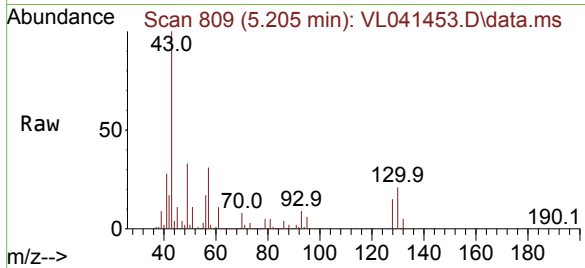


#25
Ethyl Acetate
Concen: 10.516 ppbv
RT: 5.205 min Scan# 804
Delta R.T. 0.000 min
Lab File: VL041453.D
Acq: 31 Jul 2024 8:07

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 43 Resp: 2507082

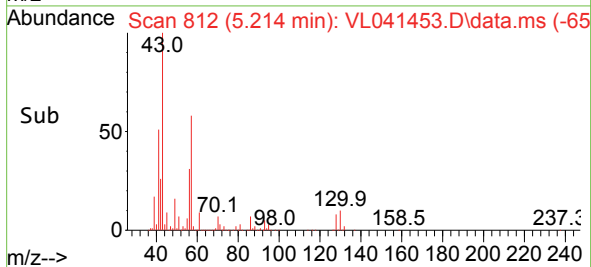
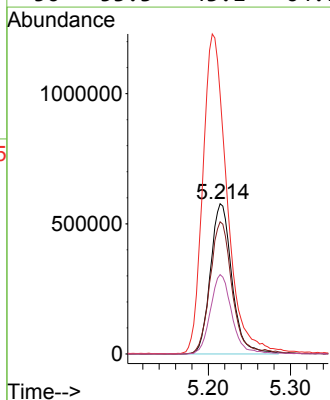
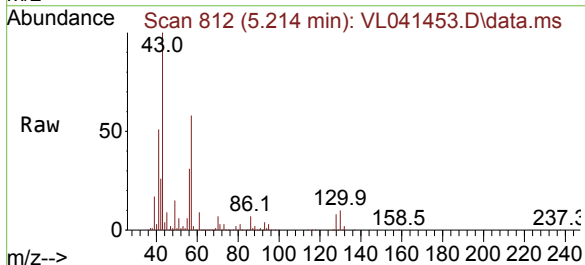
Ion	Ratio	Lower	Upper
43	100		
45	10.5	8.5	12.7
61	10.1	8.0	12.0
70	7.2	5.9	8.9

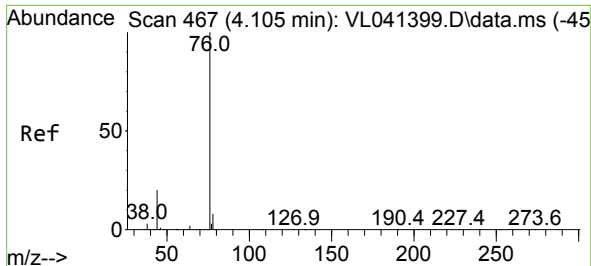


#26
Hexane
Concen: 10.634 ppbv
RT: 5.214 min Scan# 812
Delta R.T. 0.000 min
Lab File: VL041453.D
Acq: 31 Jul 2024 8:07

Tgt Ion: 57 Resp: 1051725

Ion	Ratio	Lower	Upper
57	100		
41	91.7	74.0	111.0
43	240.9	193.6	290.4
56	53.3	43.1	64.7

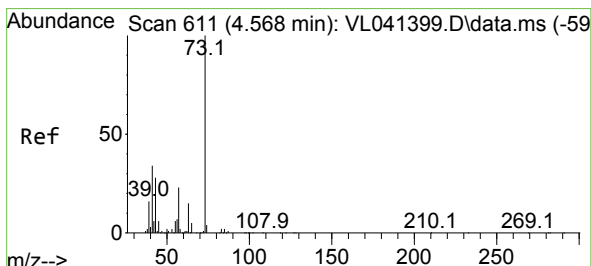
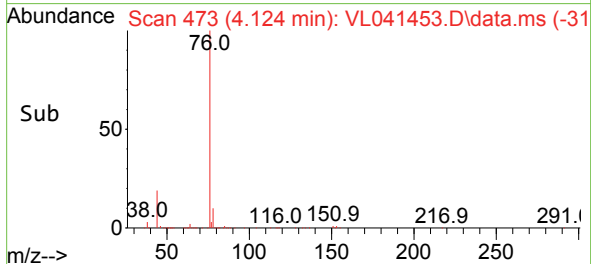
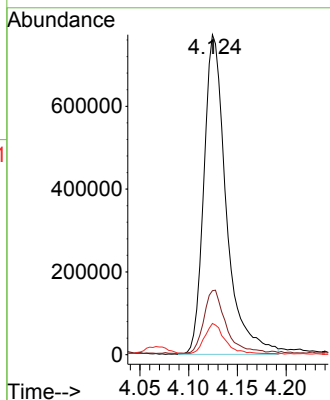
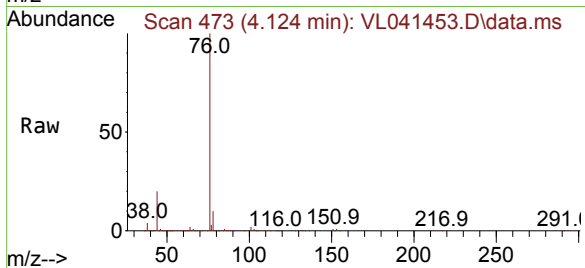




#27
Carbon Disulfide
Concen: 10.681 ppbv
RT: 4.124 min Scan# 41
Delta R.T. 0.000 min
Lab File: VL041453.D
Acq: 31 Jul 2024 8:07

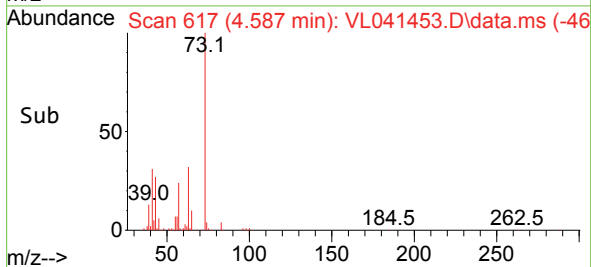
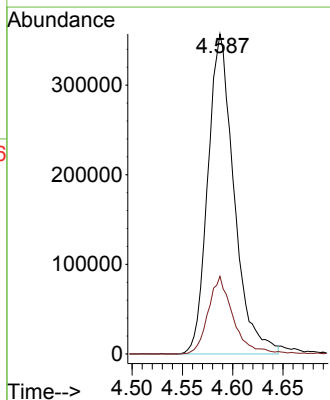
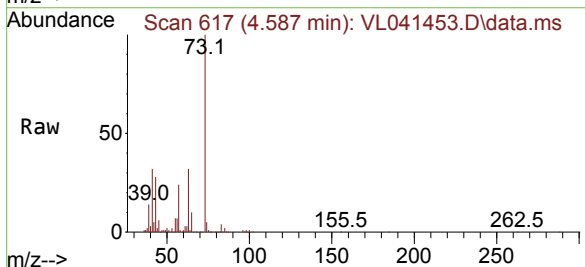
Instrument :
MSVOA_L
ClientSampleId :

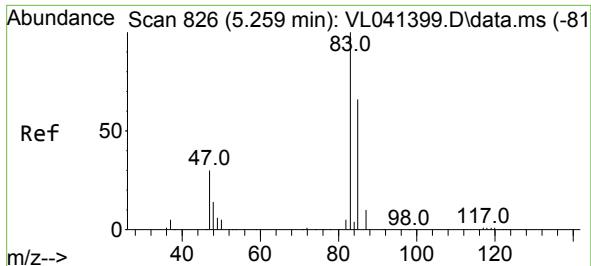
Tgt Ion: 76 Resp: 1235826
Ion Ratio Lower Upper
76 100
44 20.5 15.6 23.4
78 9.6 7.7 11.5



#28
Methyl tert-Butyl Ether
Concen: 10.359 ppbv
RT: 4.587 min Scan# 617
Delta R.T. 0.000 min
Lab File: VL041453.D
Acq: 31 Jul 2024 8:07

Tgt Ion: 73 Resp: 646078
Ion Ratio Lower Upper
73 100
57 23.2 18.9 28.3

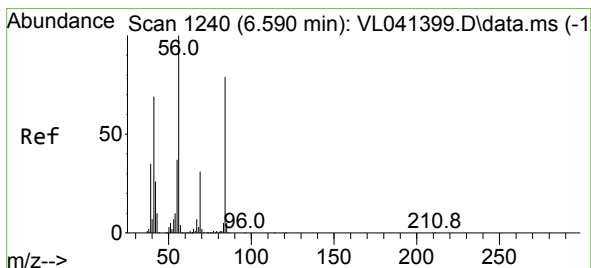
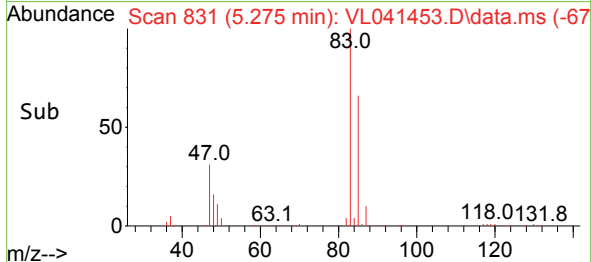
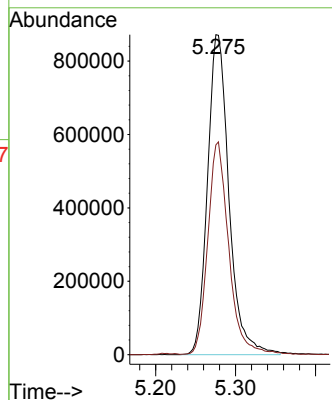
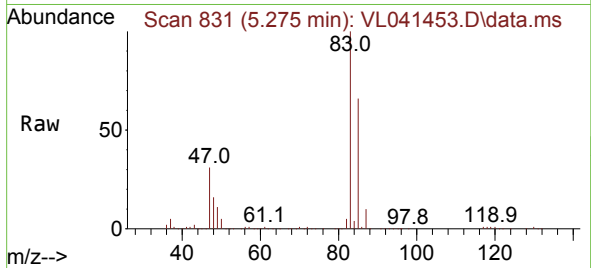




#29
Chloroform
Concen: 10.080 ppbv
RT: 5.275 min Scan# 81
Delta R.T. 0.000 min
Lab File: VL041453.D
Acq: 31 Jul 2024 8:07

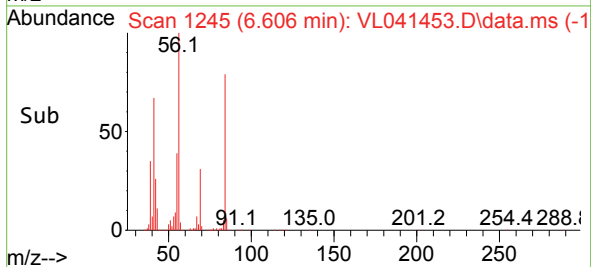
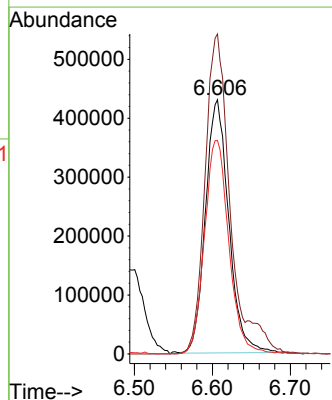
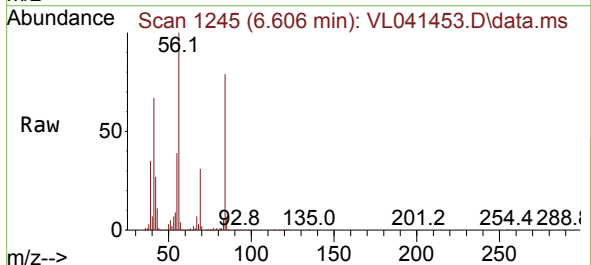
Instrument :
MSVOA_L
ClientSampleId :

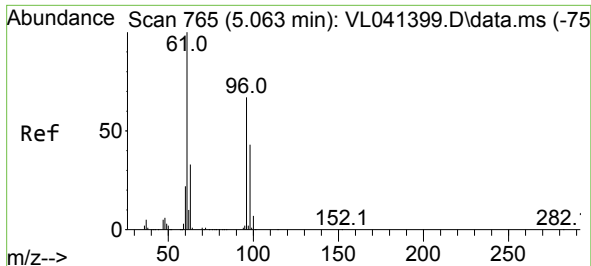
Tgt Ion: 83 Resp: 1626013
Ion Ratio Lower Upper
83 100
85 65.5 53.1 79.7



#30
Cyclohexane
Concen: 11.099 ppbv
RT: 6.606 min Scan# 1245
Delta R.T. 0.000 min
Lab File: VL041453.D
Acq: 31 Jul 2024 8:07

Tgt Ion: 84 Resp: 893897
Ion Ratio Lower Upper
84 100
56 137.5 111.2 166.8
41 88.2 70.3 105.5

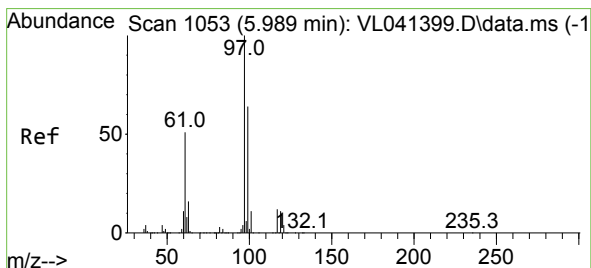
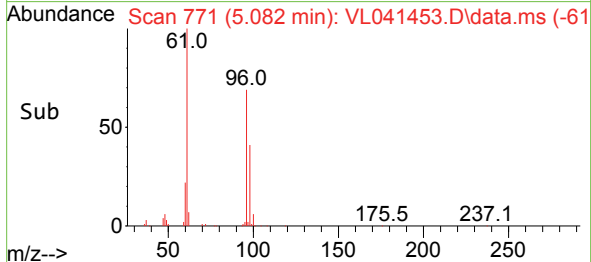
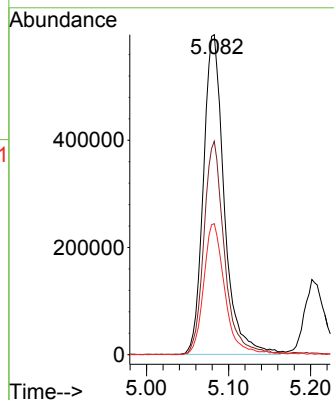
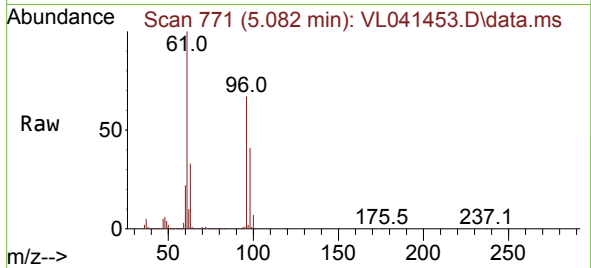




#31
 cis-1,2-Dichloroethene
 Concen: 10.800 ppbv
 RT: 5.082 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: VL041453.D
 Acq: 31 Jul 2024 8:07

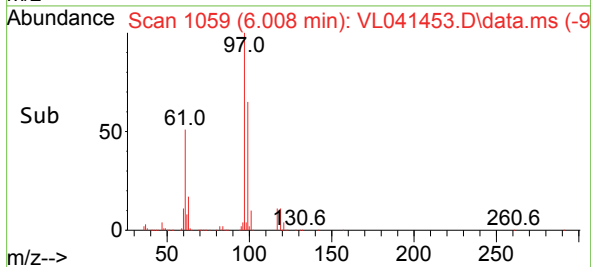
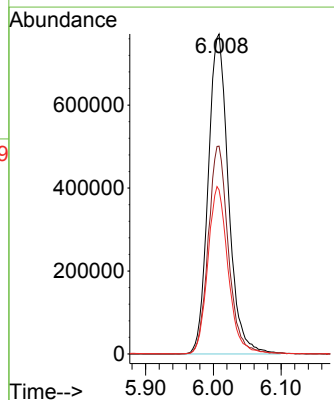
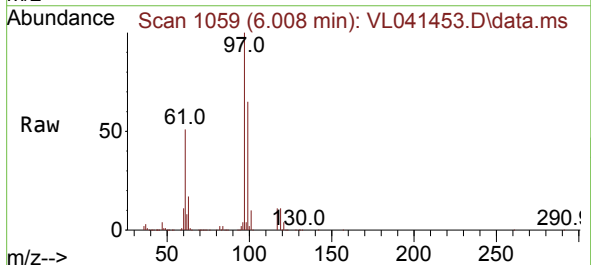
Instrument :
 MSVOA_L
 ClientSampleId :

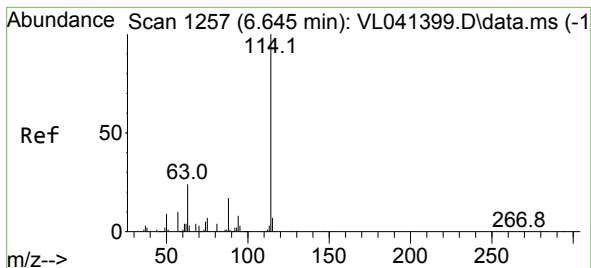
Tgt Ion: 61 Resp: 1055145
 Ion Ratio Lower Upper
 61 100
 96 66.7 53.4 80.2
 98 40.9 34.4 51.6



#32
 1,1,1-Trichloroethane
 Concen: 10.198 ppbv
 RT: 6.008 min Scan# 1059
 Delta R.T. 0.000 min
 Lab File: VL041453.D
 Acq: 31 Jul 2024 8:07

Tgt Ion: 97 Resp: 1601401
 Ion Ratio Lower Upper
 97 100
 99 64.6 52.0 78.0
 61 52.5 41.8 62.8





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.658 min Scan# 11

Delta R.T. 0.000 min

Lab File: VL041453.D

Acq: 31 Jul 2024 8:07

Instrument :

MSVOA_L

ClientSampleId :

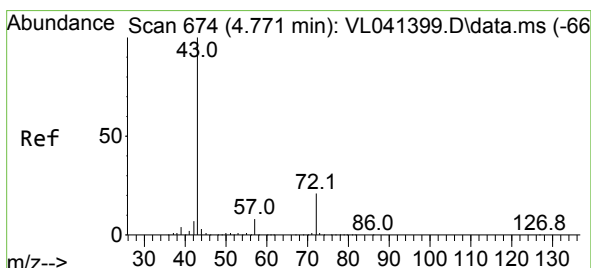
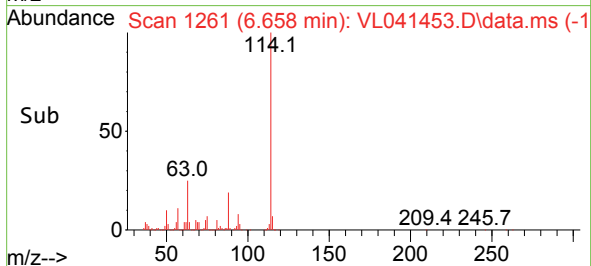
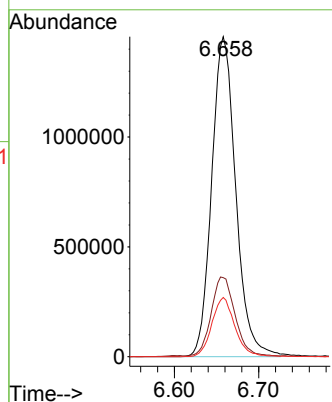
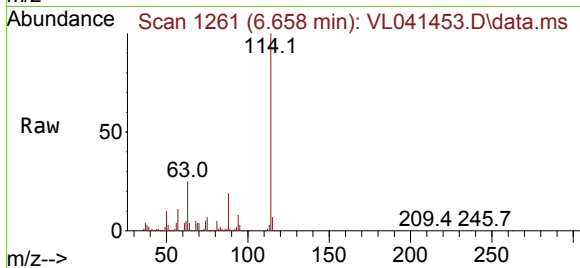
Tgt Ion:114 Resp: 2891752

Ion Ratio Lower Upper

114 100

63 25.5 20.3 30.5

88 17.8 14.3 21.5



#34

2-Butanone

Concen: 10.911 ppbv

RT: 4.787 min Scan# 679

Delta R.T. 0.000 min

Lab File: VL041453.D

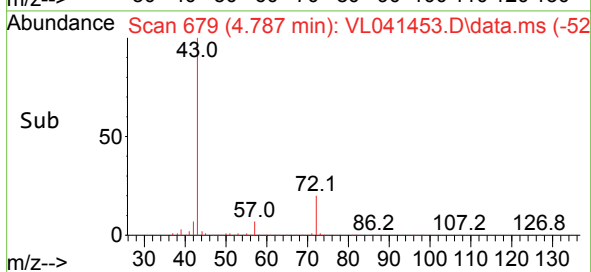
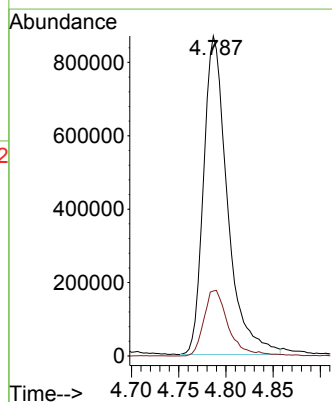
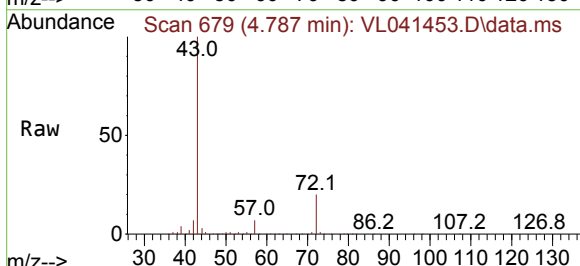
Acq: 31 Jul 2024 8:07

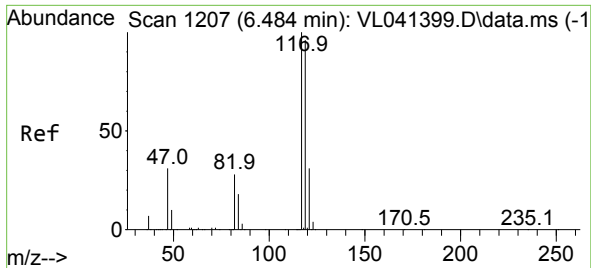
Tgt Ion: 43 Resp: 1526268

Ion Ratio Lower Upper

43 100

72 21.8 17.3 25.9

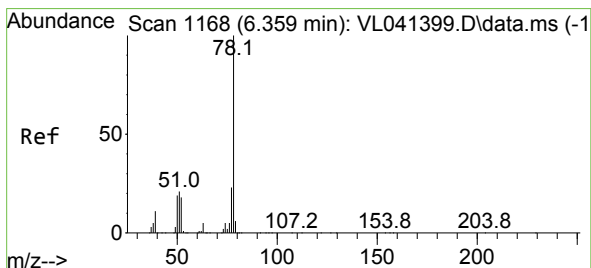
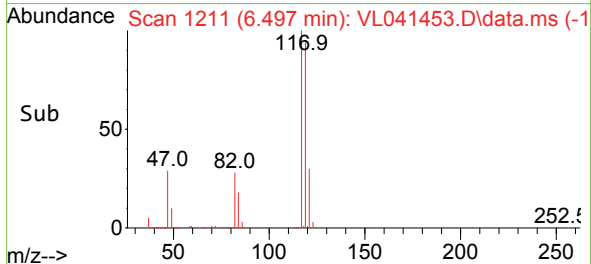
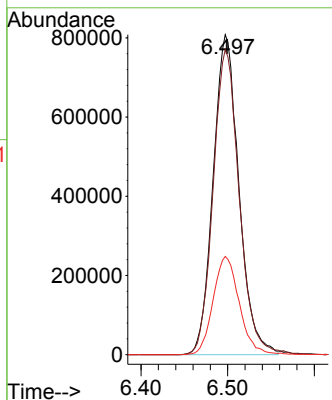
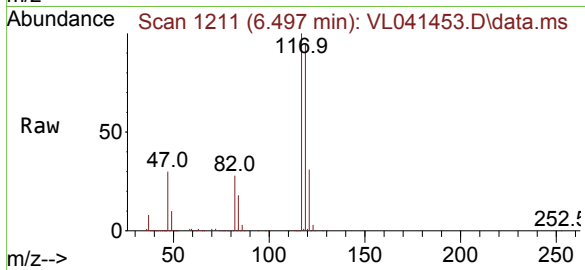




#35
Carbon Tetrachloride
Concen: 10.468 ppbv
RT: 6.497 min Scan# 1173
Delta R.T. 0.000 min
Lab File: VL041453.D
Acq: 31 Jul 2024 8:07

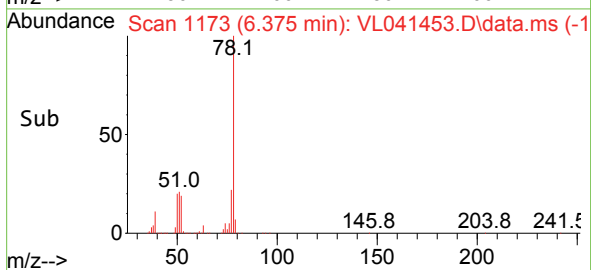
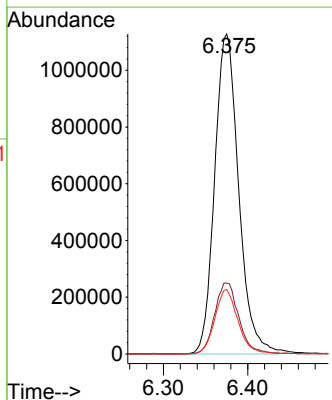
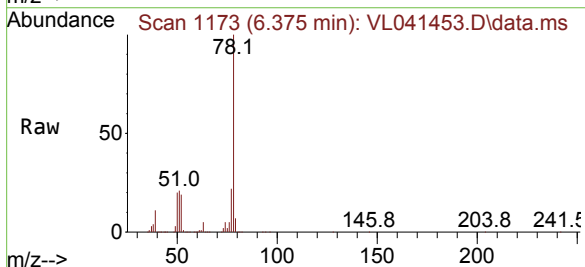
Instrument :
MSVOA_L
ClientSampleId :

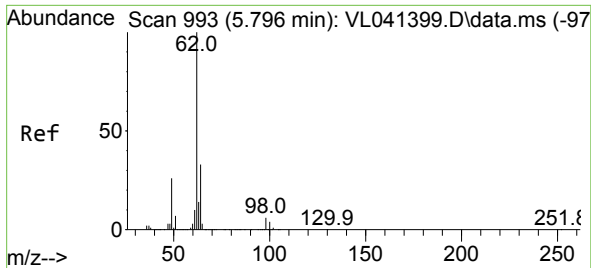
Tgt Ion:117 Resp: 1669633
Ion Ratio Lower Upper
117 100
119 95.3 76.6 115.0
121 30.7 25.1 37.7



#36
Benzene
Concen: 10.541 ppbv
RT: 6.375 min Scan# 1173
Delta R.T. 0.000 min
Lab File: VL041453.D
Acq: 31 Jul 2024 8:07

Tgt Ion: 78 Resp: 2227263
Ion Ratio Lower Upper
78 100
77 22.1 18.1 27.1
50 20.2 15.5 23.3





#37

1,2-Dichloroethane

Concen: 10.576 ppbv

RT: 5.809 min Scan# 993

Delta R.T. 0.000 min

Lab File: VL041453.D

Acq: 31 Jul 2024 8:07

Instrument :

MSVOA_L

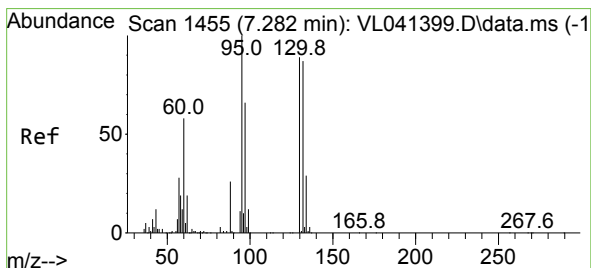
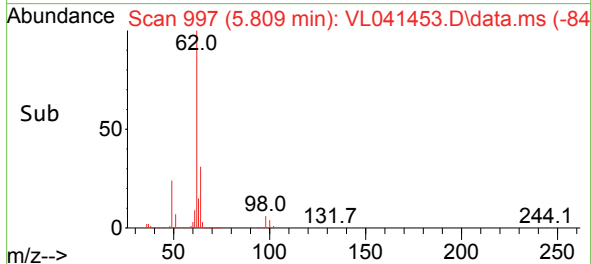
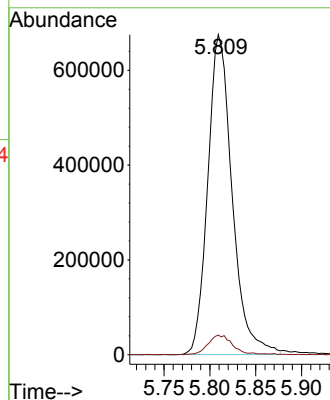
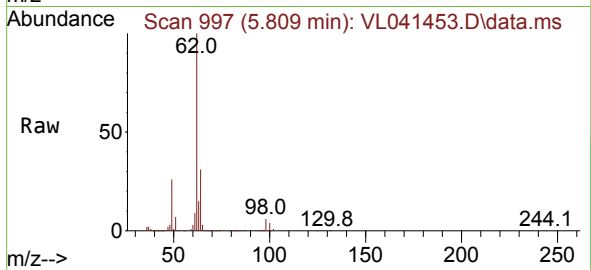
ClientSampleId :

Tgt Ion: 62 Resp: 1250795

Ion Ratio Lower Upper

62 100

98 6.3 5.0 7.4



#38

Trichloroethene

Concen: 10.414 ppbv

RT: 7.298 min Scan# 1460

Delta R.T. 0.000 min

Lab File: VL041453.D

Acq: 31 Jul 2024 8:07

Tgt Ion:130 Resp: 1008103

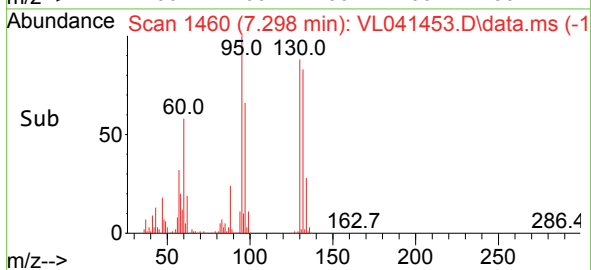
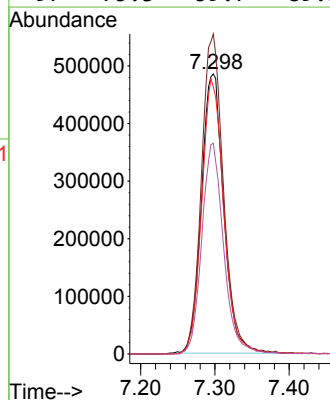
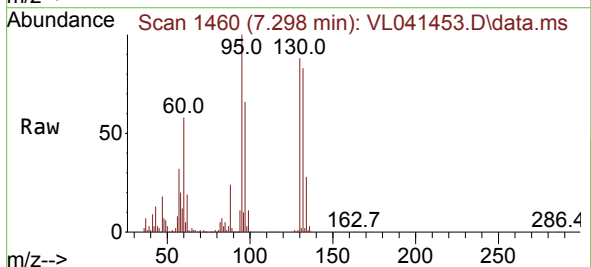
Ion Ratio Lower Upper

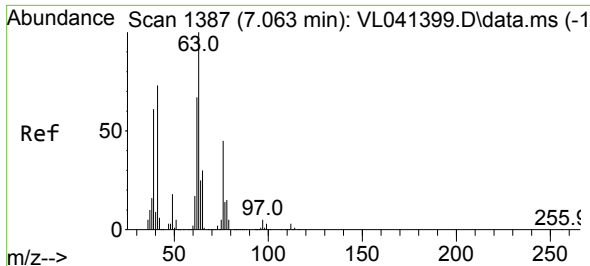
130 100

95 114.2 90.2 135.2

132 95.4 78.1 117.1

97 75.3 59.7 89.5





#39

1,2-Dichloropropane

Concen: 10.824 ppbv

RT: 7.076 min Scan# 11

Delta R.T. 0.000 min

Lab File: VL041453.D

Acq: 31 Jul 2024 8:07

Instrument :

MSVOA_L

ClientSampleId :

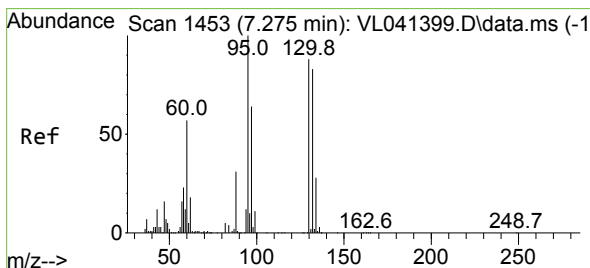
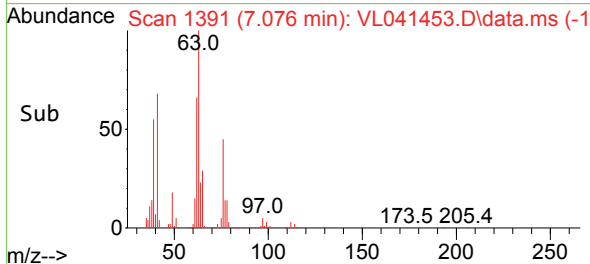
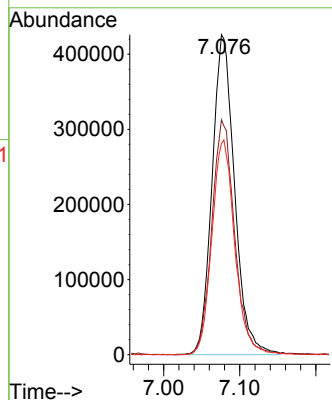
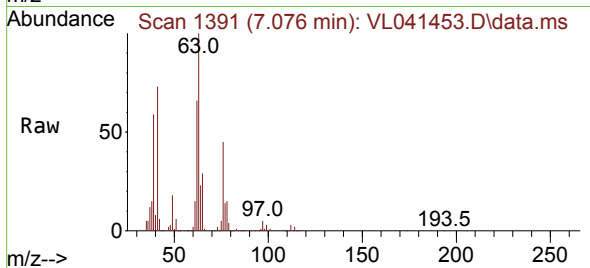
Tgt Ion: 63 Resp: 875613

Ion Ratio Lower Upper

63 100

41 73.2 58.3 87.5

62 66.0 53.9 80.9



#40

1,4-Dioxane

Concen: 11.193 ppbv

RT: 7.291 min Scan# 1458

Delta R.T. 0.000 min

Lab File: VL041453.D

Acq: 31 Jul 2024 8:07

Tgt Ion: 88 Resp: 363754

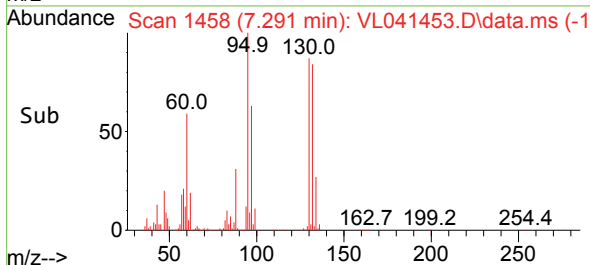
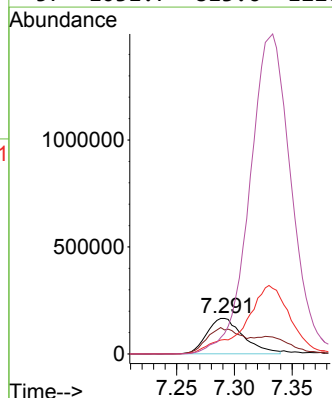
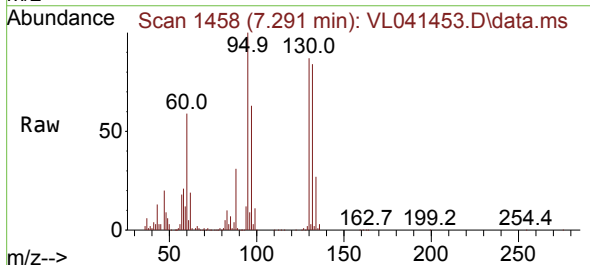
Ion Ratio Lower Upper

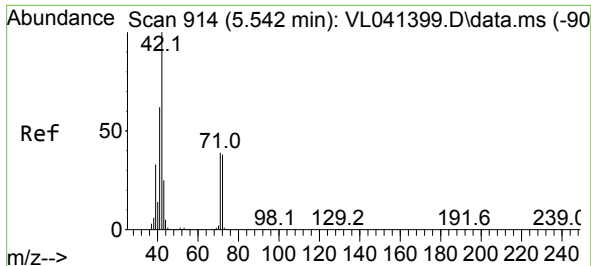
88 100

58 122.9 95.8 143.6

43 243.7 188.2 282.2

57 1031.7 813.6 1220.4





#41

Tetrahydrofuran

Concen: 11.620 ppbv

RT: 5.558 min Scan# 914

Delta R.T. 0.000 min

Lab File: VL041453.D

Acq: 31 Jul 2024 8:07

Instrument :

MSVOA_L

ClientSampleId :

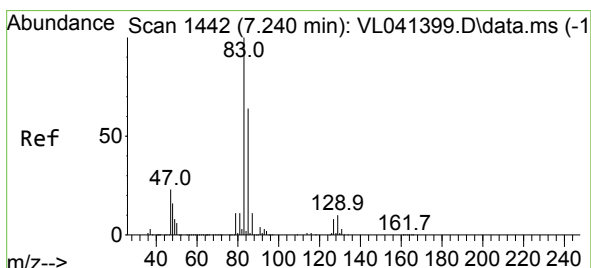
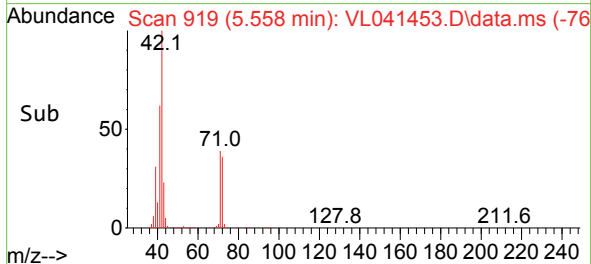
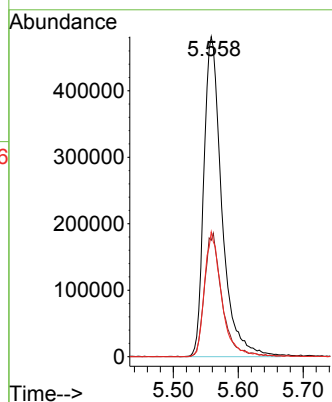
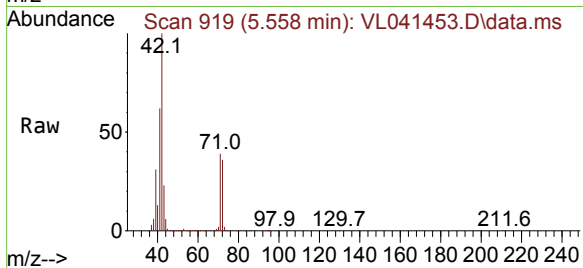
Tgt Ion: 42 Resp: 929664

Ion Ratio Lower Upper

42 100

72 37.8 31.2 46.8

71 37.6 30.5 45.7



#42

Bromodichloromethane

Concen: 10.490 ppbv

RT: 7.256 min Scan# 1447

Delta R.T. 0.000 min

Lab File: VL041453.D

Acq: 31 Jul 2024 8:07

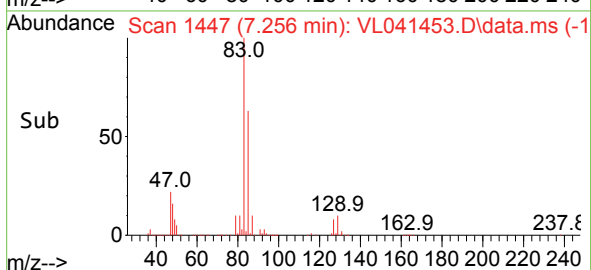
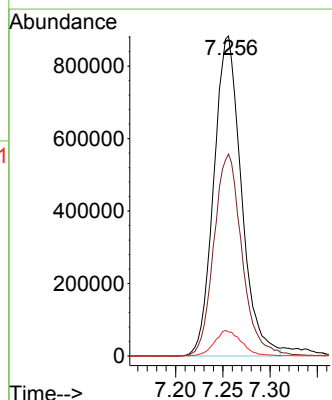
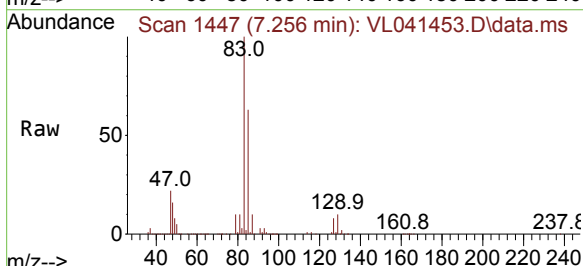
Tgt Ion: 83 Resp: 1791366

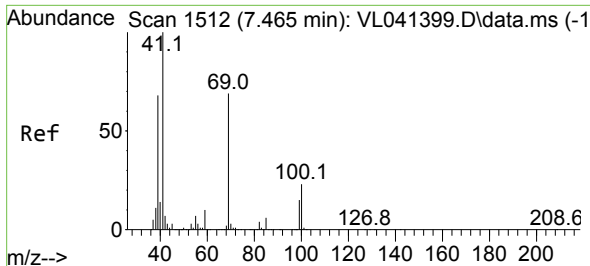
Ion Ratio Lower Upper

83 100

85 63.1 51.4 77.0

127 7.5 6.7 10.1

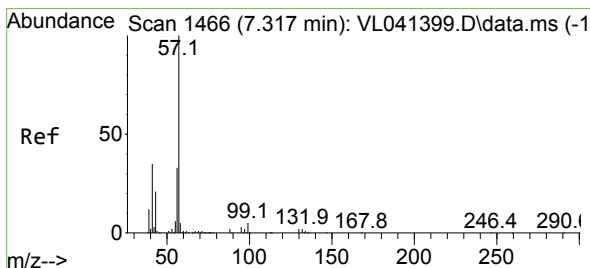
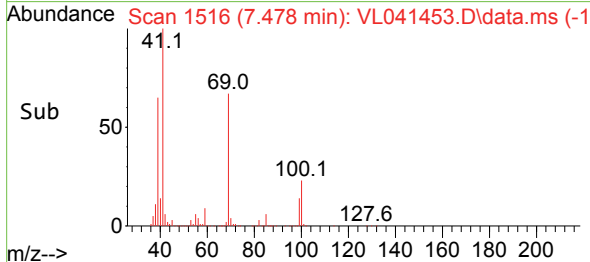
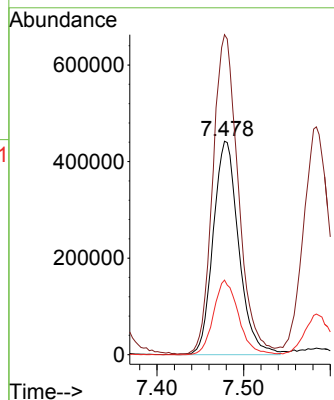
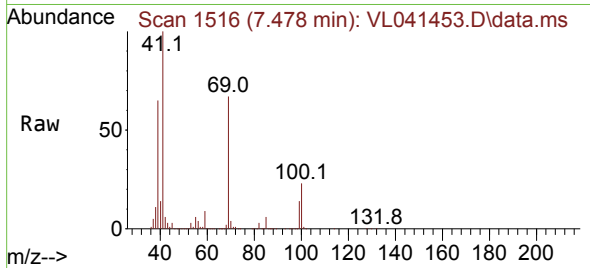




#43
Methyl Methacrylate
Concen: 11.929 ppbv
RT: 7.478 min Scan# 11
Delta R.T. 0.000 min
Lab File: VL041453.D
Acq: 31 Jul 2024 8:07

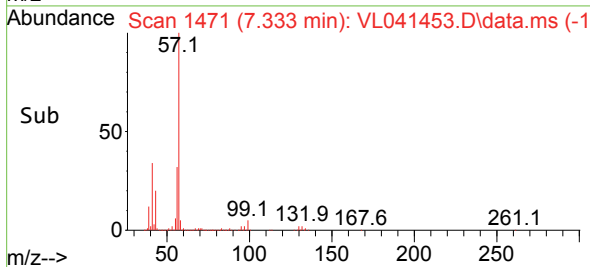
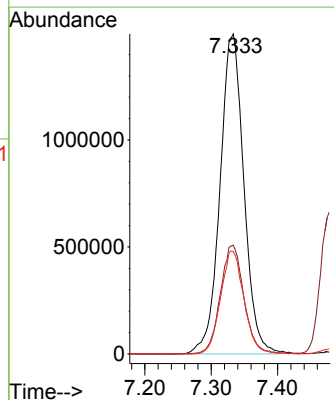
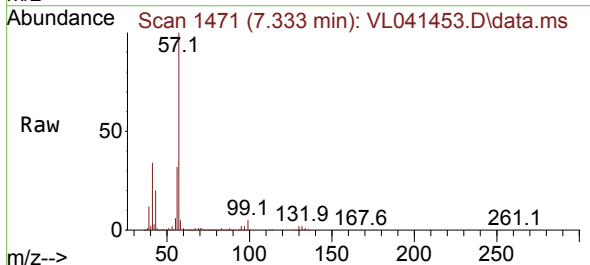
Instrument :
MSVOA_L
ClientSampleId :

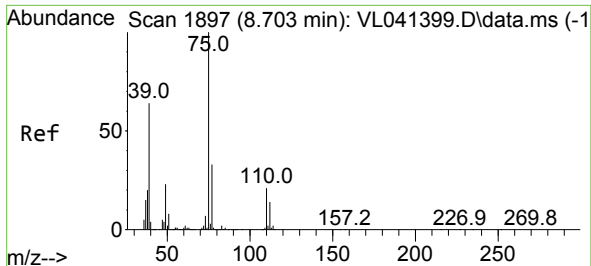
Tgt Ion: 69 Resp: 903880
Ion Ratio Lower Upper
69 100
41 150.0 118.7 178.1
100 34.2 27.0 40.4



#44
2,2,4-Trimethylpentane
Concen: 10.591 ppbv
RT: 7.333 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VL041453.D
Acq: 31 Jul 2024 8:07

Tgt Ion: 57 Resp: 3737752
Ion Ratio Lower Upper
57 100
41 33.7 27.0 40.6
56 31.5 25.2 37.8

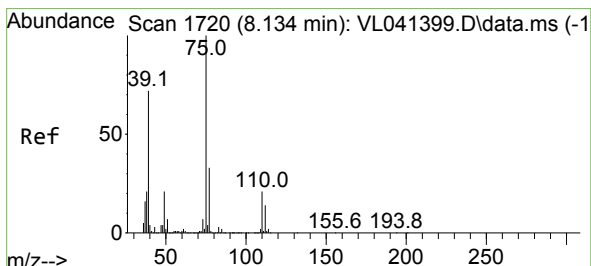
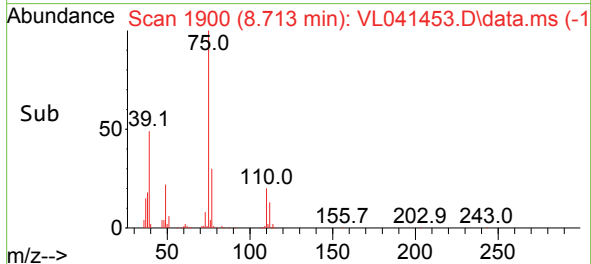
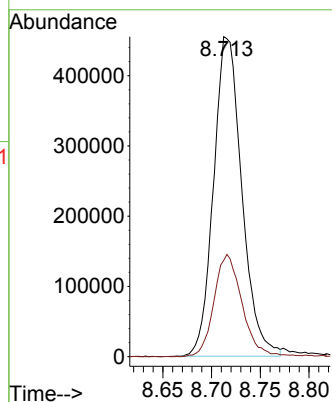
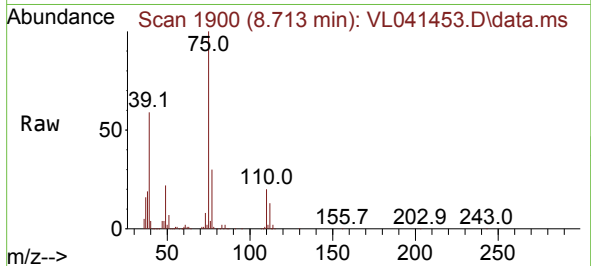




#45
 t-1,3-Dichloropropene
 Concen: 13.161 ppbv
 RT: 8.713 min Scan# 1900
 Delta R.T. 0.000 min
 Lab File: VL041453.D
 Acq: 31 Jul 2024 8:07

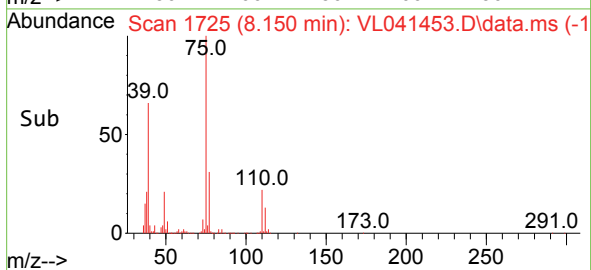
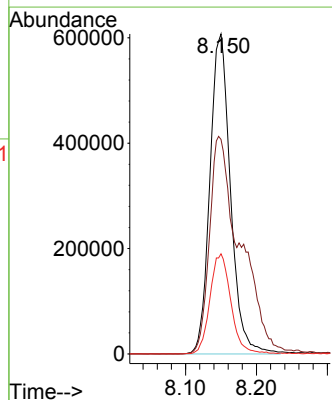
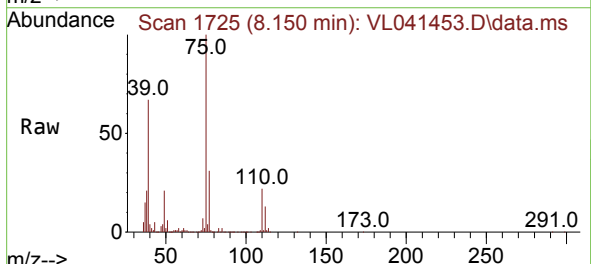
Instrument :
 MSVOA_L
 ClientSampleId :

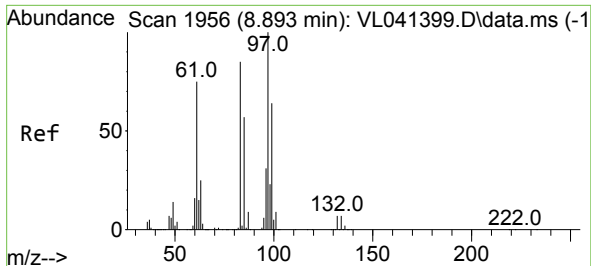
Tgt Ion: 75 Resp: 917856
 Ion Ratio Lower Upper
 75 100
 77 30.1 26.5 39.7



#46
 cis-1,3-Dichloropropene
 Concen: 12.151 ppbv
 RT: 8.150 min Scan# 1725
 Delta R.T. 0.000 min
 Lab File: VL041453.D
 Acq: 31 Jul 2024 8:07

Tgt Ion: 75 Resp: 1223759
 Ion Ratio Lower Upper
 75 100
 39 67.0 57.3 85.9
 77 31.3 26.2 39.2





#47

1,1,2-Trichloroethane

Concen: 10.438 ppbv

RT: 8.905 min Scan# 1956

Delta R.T. 0.000 min

Lab File: VL041453.D

Acq: 31 Jul 2024 8:07

Instrument :

MSVOA_L

ClientSampleId :

Tgt Ion: 97 Resp: 930770

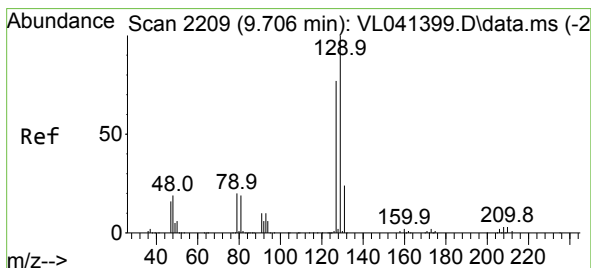
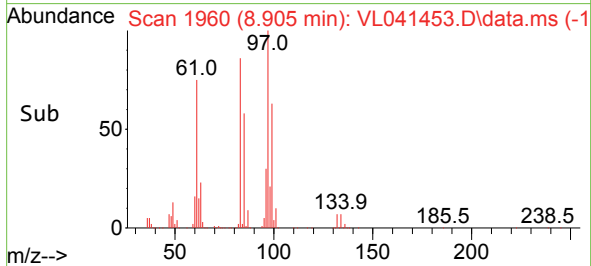
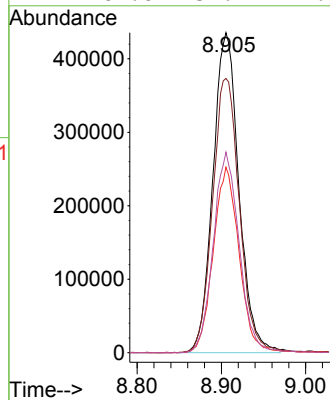
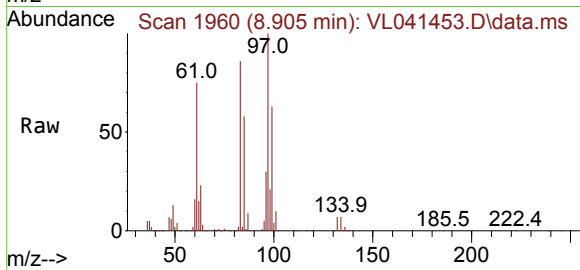
Ion Ratio Lower Upper

97 100

83 85.6 67.6 101.4

85 57.9 45.9 68.9

99 62.6 51.4 77.0



#48

Dibromochloromethane

Concen: 10.788 ppbv

RT: 9.719 min Scan# 2213

Delta R.T. 0.000 min

Lab File: VL041453.D

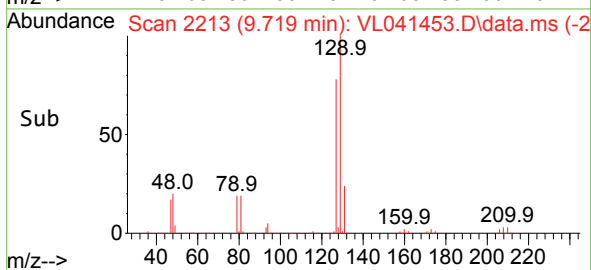
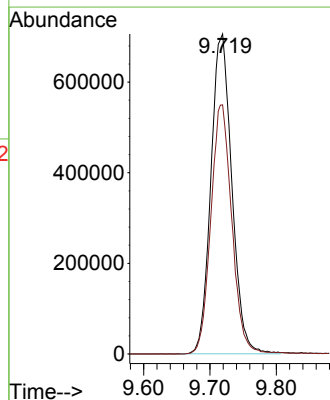
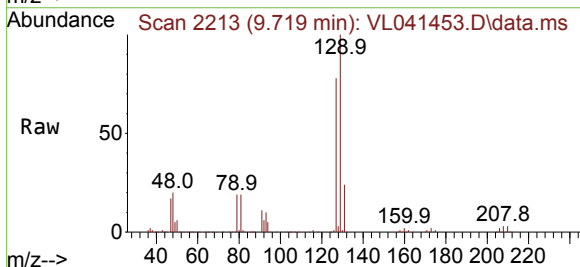
Acq: 31 Jul 2024 8:07

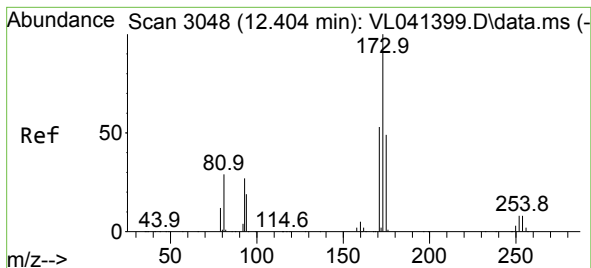
Tgt Ion: 129 Resp: 1549666

Ion Ratio Lower Upper

129 100

127 78.2 39.3 117.8





#49

Bromoform

Concen: 11.117 ppbv

RT: 12.413 min Scan# 3048

Delta R.T. 0.000 min

Lab File: VL041453.D

Acq: 31 Jul 2024 8:07

Instrument :

MSVOA_L

ClientSampleId :

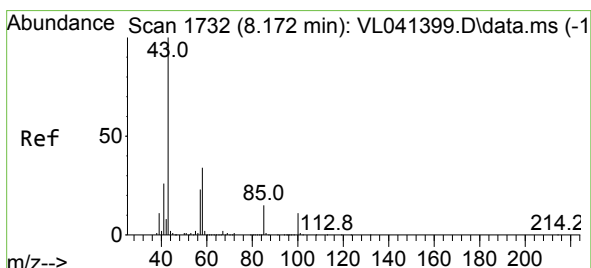
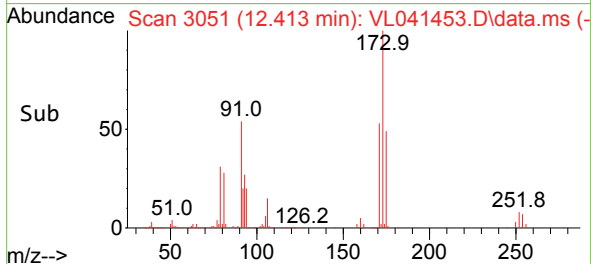
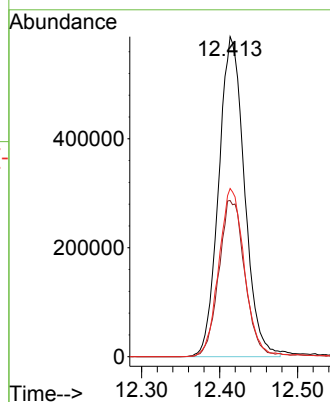
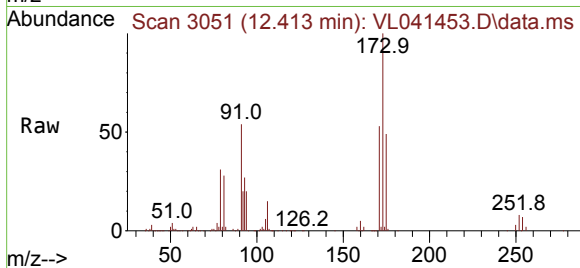
Tgt Ion:173 Resp: 1349001

Ion Ratio Lower Upper

173 100

175 50.1 39.9 59.9

171 53.5 41.7 62.5



#50

4-Methyl-2-Pentanone

Concen: 11.286 ppbv

RT: 8.185 min Scan# 1736

Delta R.T. 0.000 min

Lab File: VL041453.D

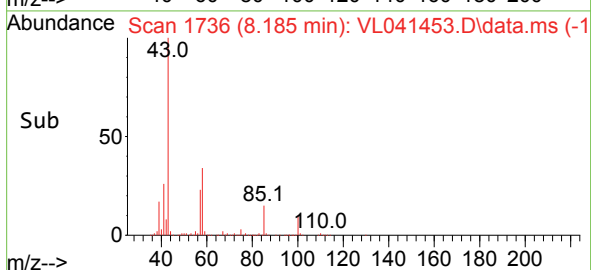
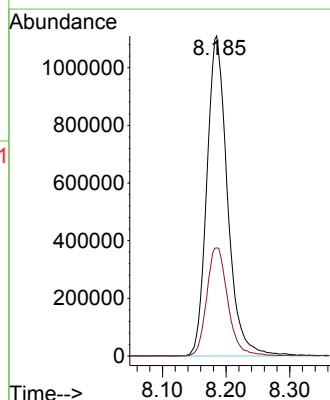
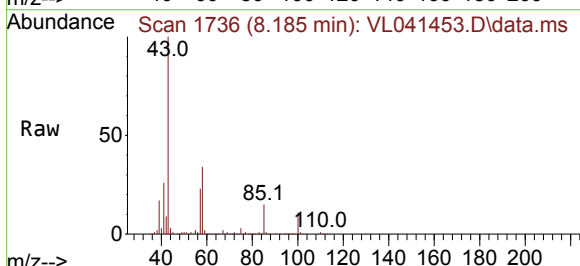
Acq: 31 Jul 2024 8:07

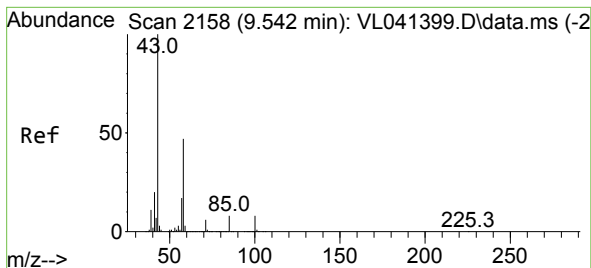
Tgt Ion: 43 Resp: 2490766

Ion Ratio Lower Upper

43 100

58 34.9 27.9 41.9





#51

2-Hexanone

Concen: 12.123 ppbv

RT: 9.552 min Scan# 2158

Delta R.T. 0.000 min

Lab File: VL041453.D

Acq: 31 Jul 2024 8:07

Instrument :

MSVOA_L

ClientSampleId :

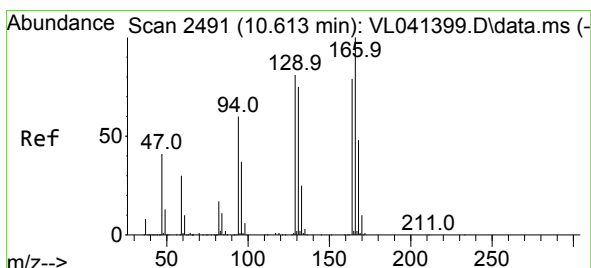
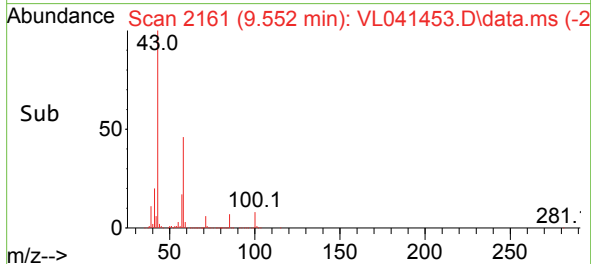
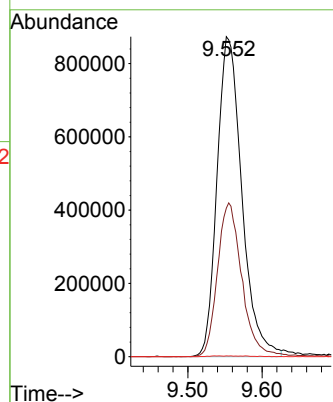
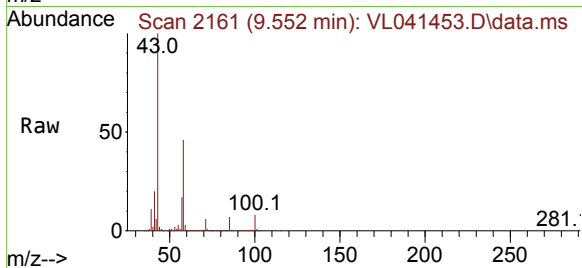
Tgt Ion: 43 Resp: 2023084

Ion Ratio Lower Upper

43 100

58 48.0 38.2 57.2

98 0.4 0.3 0.5



#52

Tetrachloroethene

Concen: 10.524 ppbv

RT: 10.622 min Scan# 2494

Delta R.T. 0.000 min

Lab File: VL041453.D

Acq: 31 Jul 2024 8:07

Tgt Ion: 164 Resp: 859219

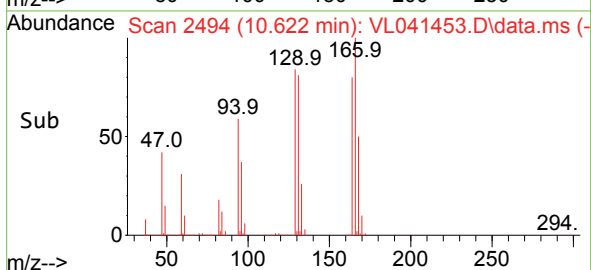
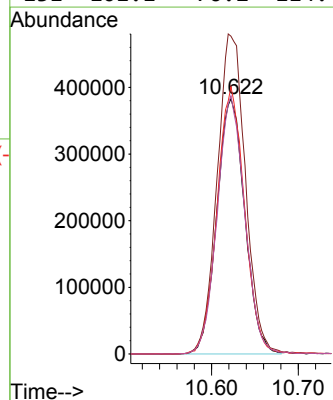
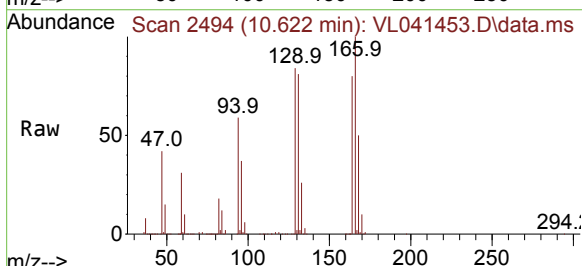
Ion Ratio Lower Upper

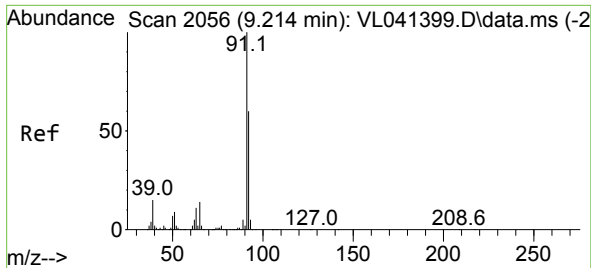
164 100

166 124.4 101.1 151.7

129 104.6 81.7 122.5

131 101.1 76.2 114.4

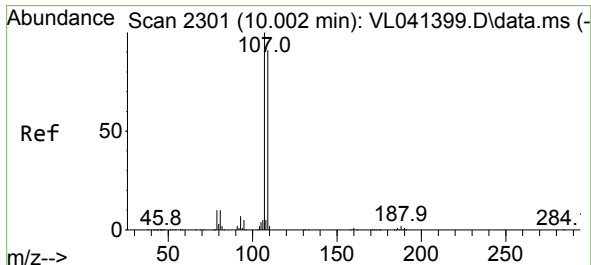
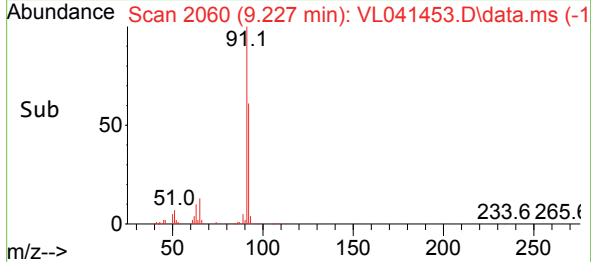
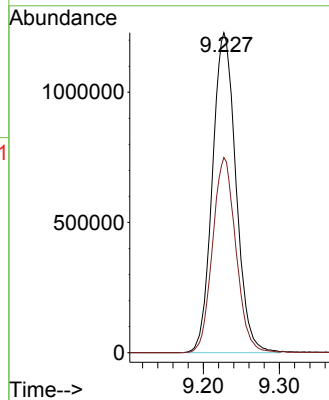
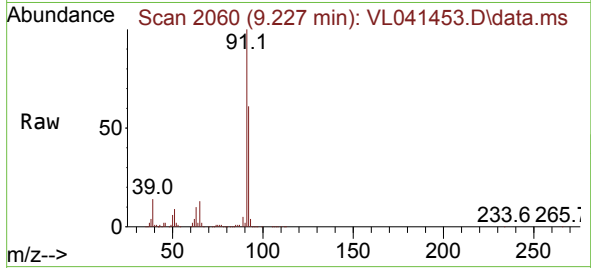




#53
Toluene
Concen: 11.208 ppbv
RT: 9.227 min Scan# 2056
Delta R.T. 0.000 min
Lab File: VL041453.D
Acq: 31 Jul 2024 8:07

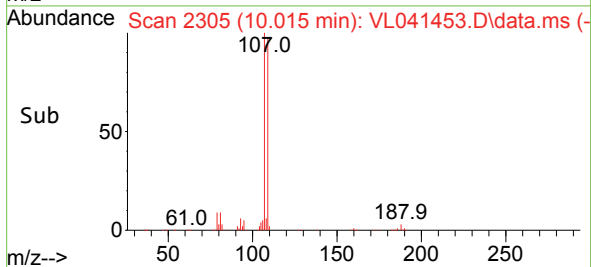
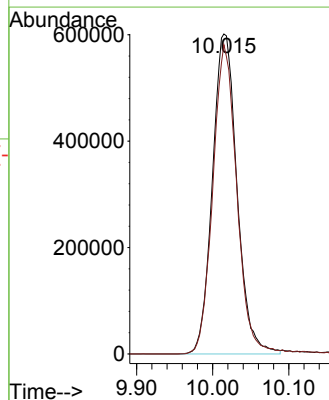
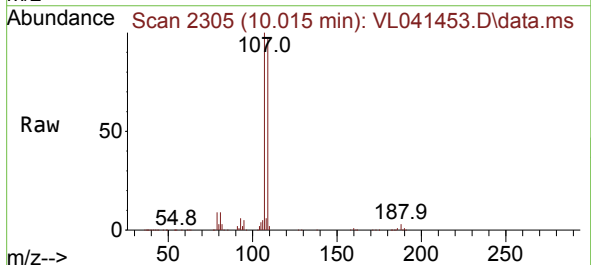
Instrument :
MSVOA_L
ClientSampleId :

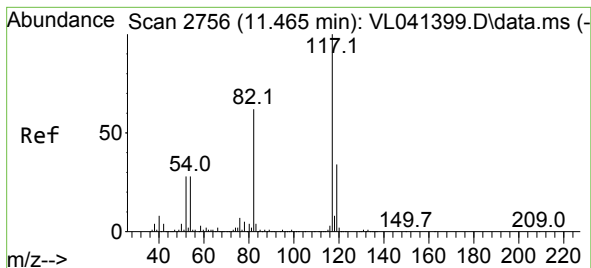
Tgt Ion: 91 Resp: 2637897
Ion Ratio Lower Upper
91 100
92 60.6 48.7 73.1



#54
1,2-Dibromoethane
Concen: 11.390 ppbv
RT: 10.015 min Scan# 2305
Delta R.T. 0.000 min
Lab File: VL041453.D
Acq: 31 Jul 2024 8:07

Tgt Ion: 107 Resp: 1351830
Ion Ratio Lower Upper
107 100
109 96.6 72.7 109.1





#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 11.471 min Scan# 21

Delta R.T. 0.000 min

Lab File: VL041453.D

Acq: 31 Jul 2024 8:07

Instrument :

MSVOA_L

ClientSampleId :

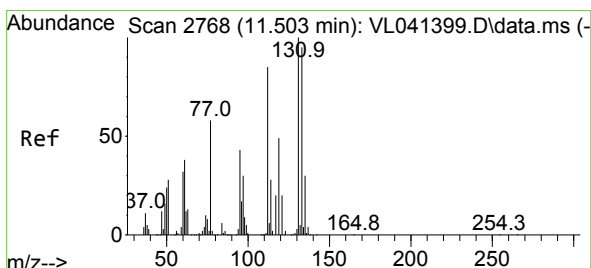
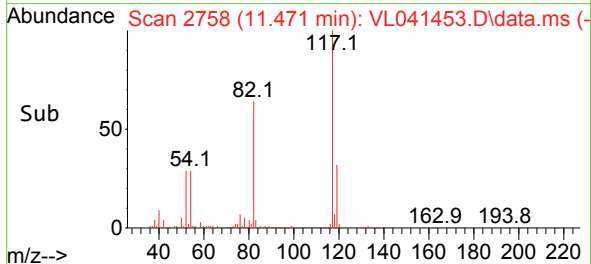
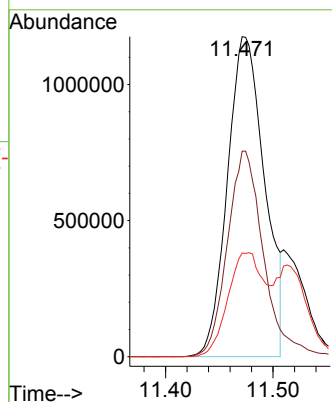
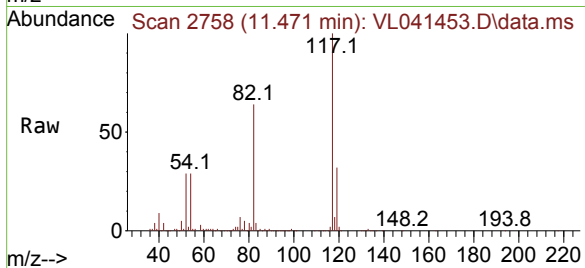
Tgt Ion:117 Resp: 2826699

Ion Ratio Lower Upper

117 100

82 63.3 51.0 76.6

119 30.0 45.2 67.8#



#56

1,1,1,2-Tetrachloroethane

Concen: 10.215 ppbv

RT: 11.516 min Scan# 2772

Delta R.T. 0.000 min

Lab File: VL041453.D

Acq: 31 Jul 2024 8:07

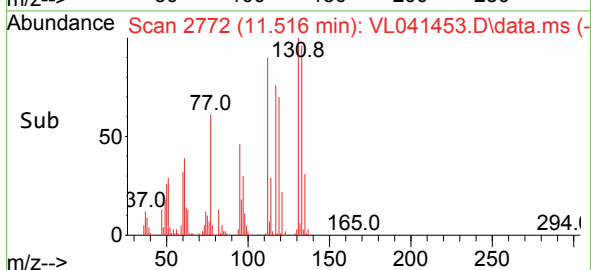
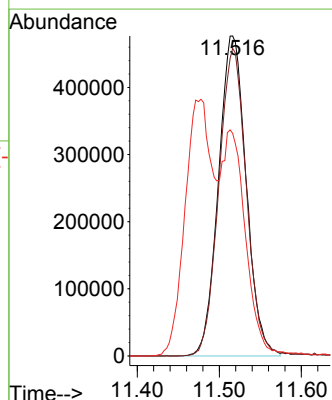
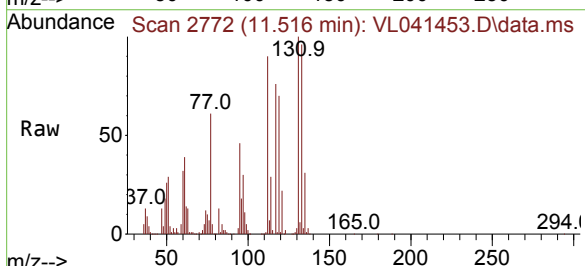
Tgt Ion:131 Resp: 1119746

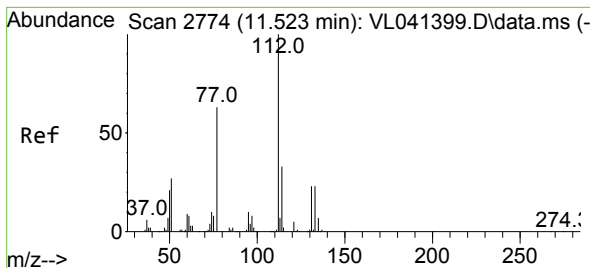
Ion Ratio Lower Upper

131 100

133 95.8 77.0 115.4

119 58.0 121.5 182.3#

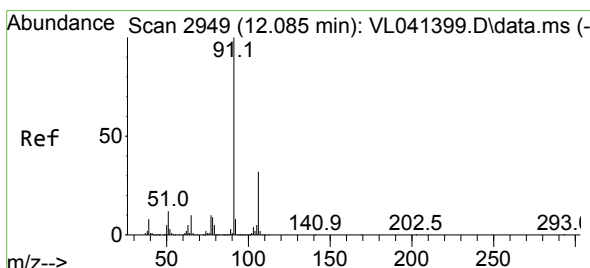
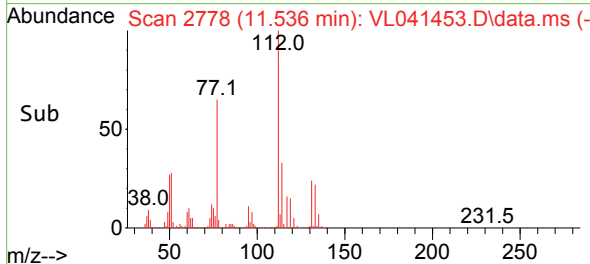
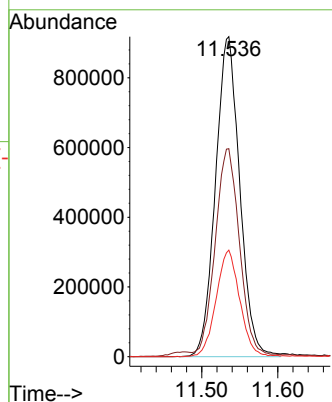
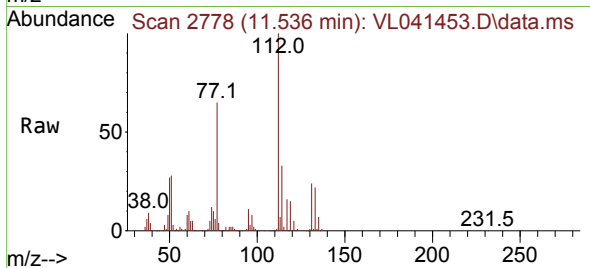




#57
Chlorobenzene
Concen: 10.105 ppbv
RT: 11.536 min Scan# 21
Delta R.T. 0.000 min
Lab File: VL041453.D
Acq: 31 Jul 2024 8:07

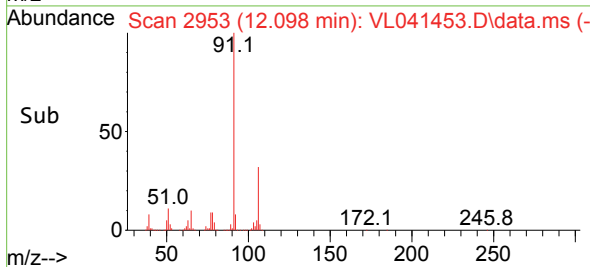
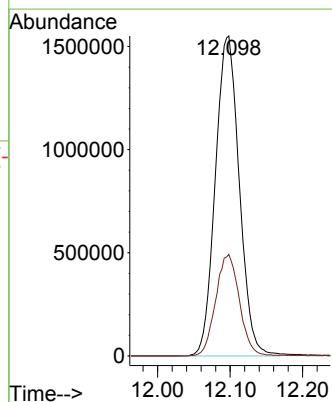
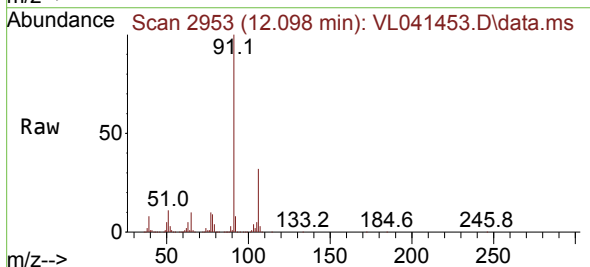
Instrument :
MSVOA_L
ClientSampleId :

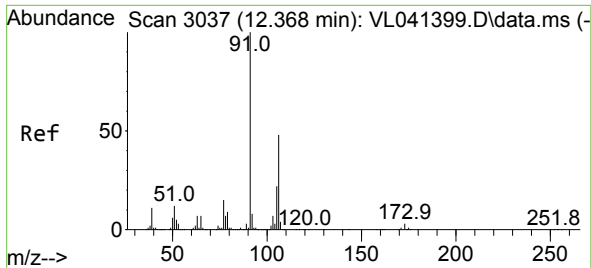
Tgt Ion:112 Resp: 2033707
Ion Ratio Lower Upper
112 100
77 64.2 51.1 76.7
114 33.3 29.5 36.1



#58
Ethyl Benzene
Concen: 10.920 ppbv
RT: 12.098 min Scan# 2953
Delta R.T. 0.000 min
Lab File: VL041453.D
Acq: 31 Jul 2024 8:07

Tgt Ion: 91 Resp: 3557954
Ion Ratio Lower Upper
91 100
106 31.8 25.8 38.8

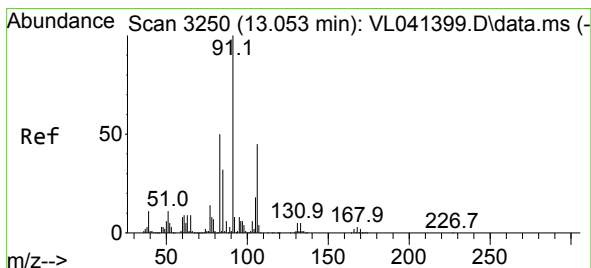
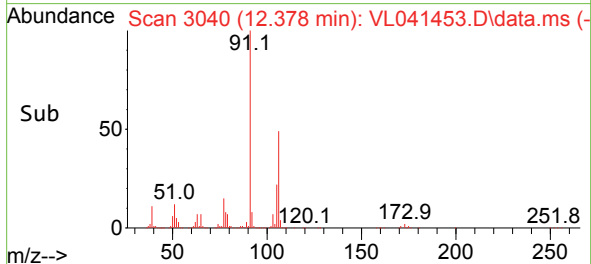
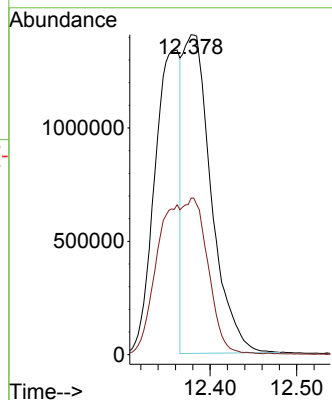
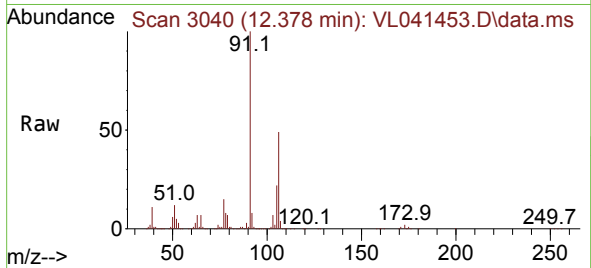




#59
m/p-Xylene
Concen: 11.375 ppbv
RT: 12.378 min Scan# 3037
Delta R.T. 0.000 min
Lab File: VL041453.D
Acq: 31 Jul 2024 8:07

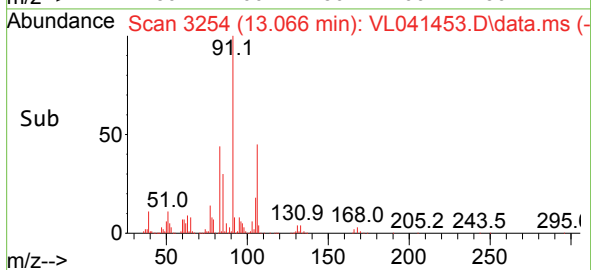
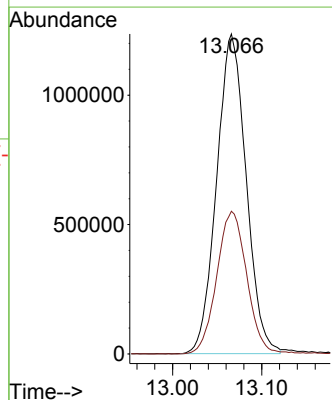
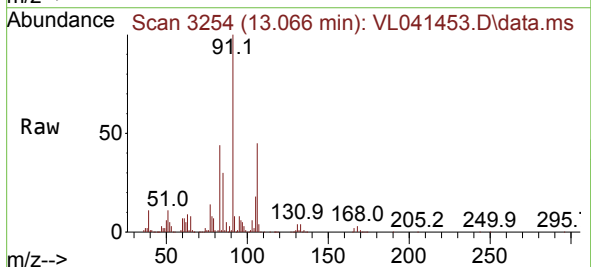
Instrument :
MSVOA_L
ClientSampleId :

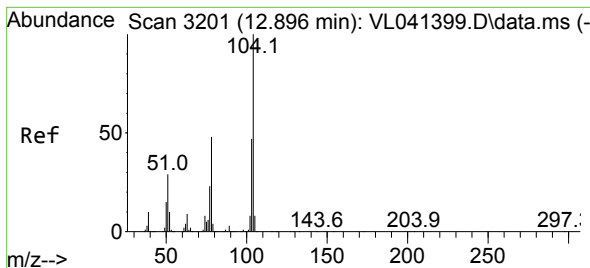
Tgt Ion: 91 Resp: 3199127
Ion Ratio Lower Upper
91 100
106 85.0 36.3 54.5#



#60
o-Xylene
Concen: 10.674 ppbv
RT: 13.066 min Scan# 3254
Delta R.T. 0.000 min
Lab File: VL041453.D
Acq: 31 Jul 2024 8:07

Tgt Ion: 91 Resp: 2839908
Ion Ratio Lower Upper
91 100
106 45.8 23.1 69.3





#61

Styrene

Concen: 11.876 ppbv

RT: 12.905 min Scan# 31

Delta R.T. 0.000 min

Lab File: VL041453.D

Acq: 31 Jul 2024 8:07

Instrument :

MSVOA_L

ClientSampleId :

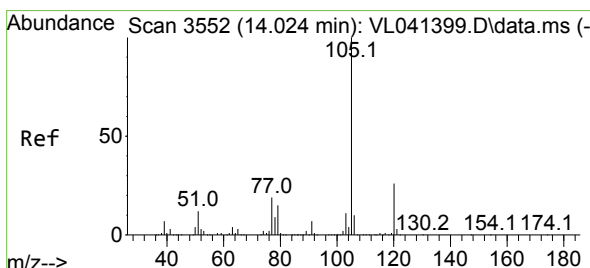
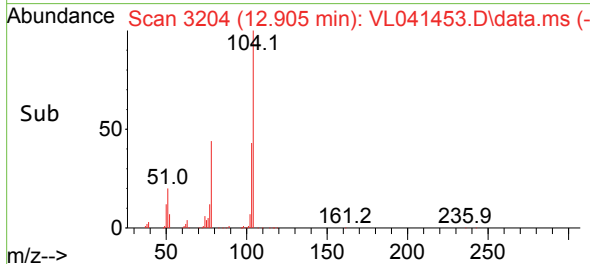
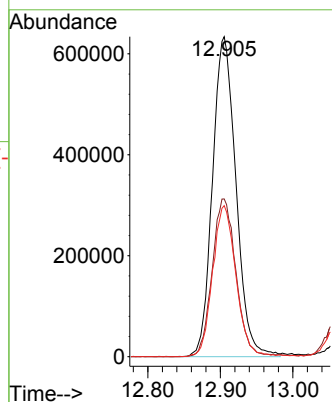
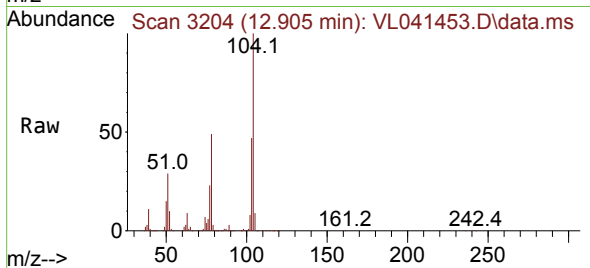
Tgt Ion:104 Resp: 1425542

Ion Ratio Lower Upper

104 100

78 50.3 40.8 61.2

103 47.3 38.2 57.4



#62

Isopropylbenzene

Concen: 10.307 ppbv

RT: 14.037 min Scan# 3556

Delta R.T. 0.000 min

Lab File: VL041453.D

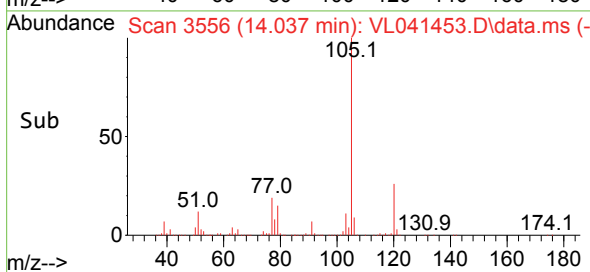
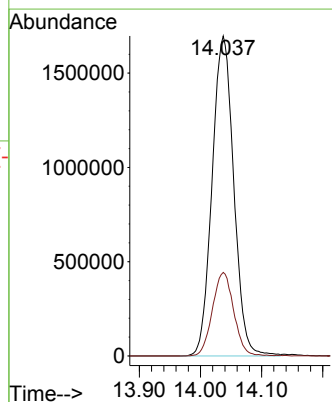
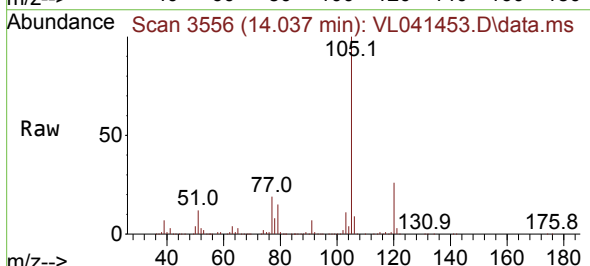
Acq: 31 Jul 2024 8:07

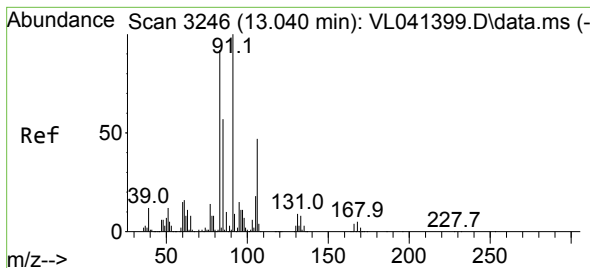
Tgt Ion:105 Resp: 4168862

Ion Ratio Lower Upper

105 100

120 25.9 21.0 31.4

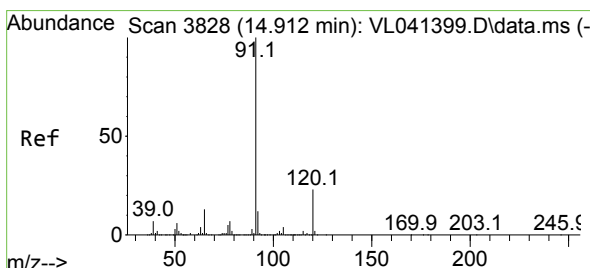
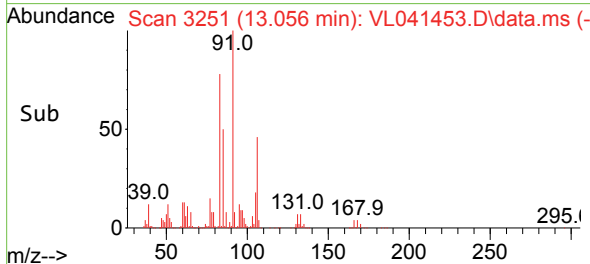
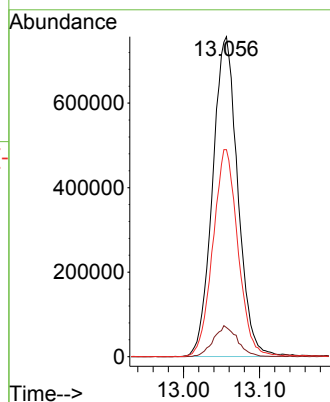
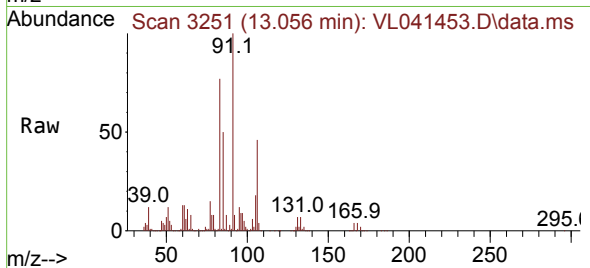




#63
1,1,2,2-Tetrachloroethane
Concen: 10.345 ppbv
RT: 13.056 min Scan# 31
Delta R.T. 0.000 min
Lab File: VL041453.D
Acq: 31 Jul 2024 8:07

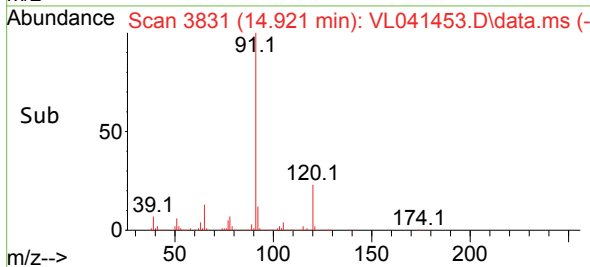
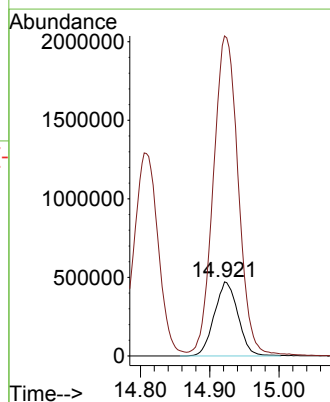
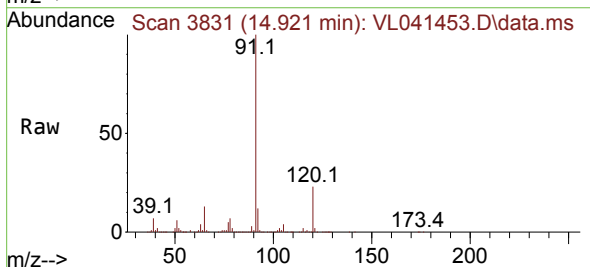
Instrument :
MSVOA_L
ClientSampleId :

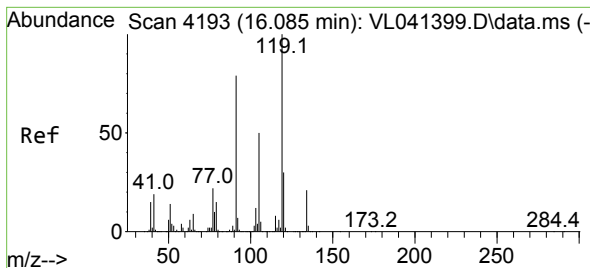
Tgt Ion: 83 Resp: 1738046
Ion Ratio Lower Upper
83 100
131 9.3 4.8 14.4
85 65.3 32.6 98.0



#64
n-propylbenzene
Concen: 10.604 ppbv
RT: 14.921 min Scan# 3831
Delta R.T. 0.000 min
Lab File: VL041453.D
Acq: 31 Jul 2024 8:07

Tgt Ion:120 Resp: 1121299
Ion Ratio Lower Upper
120 100
91 456.6 361.4 542.0





#65

tert-Butylbenzene

Concen: 10.263 ppbv

RT: 16.095 min Scan# 41

Delta R.T. 0.000 min

Lab File: VL041453.D

Acq: 31 Jul 2024 8:07

Instrument :

MSVOA_L

ClientSampleId :

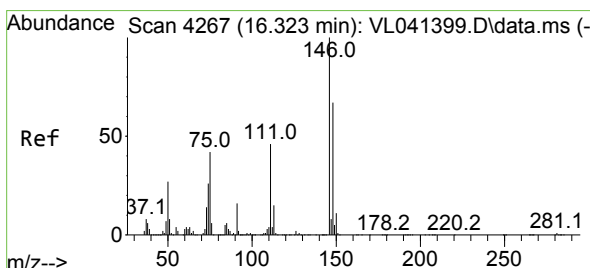
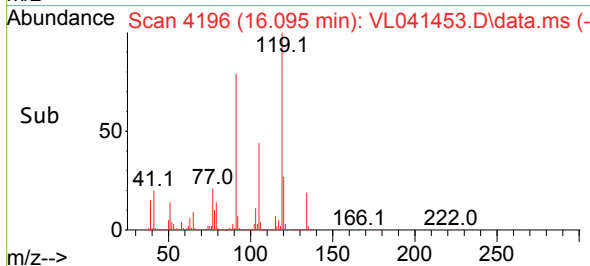
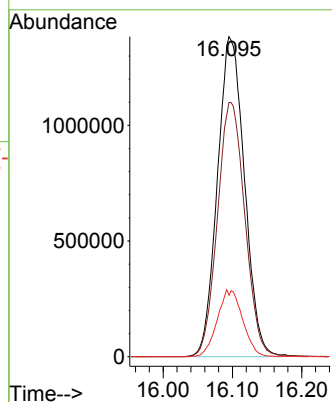
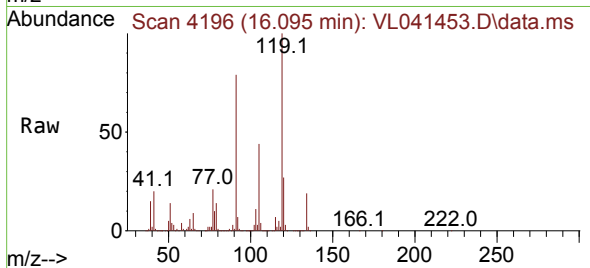
Tgt Ion:119 Resp: 3749291

Ion Ratio Lower Upper

119 100

91 80.6 64.2 96.2

134 19.7 15.7 23.5



#66

Benzyl Chloride

Concen: 12.453 ppbv

RT: 16.336 min Scan# 4271

Delta R.T. 0.000 min

Lab File: VL041453.D

Acq: 31 Jul 2024 8:07

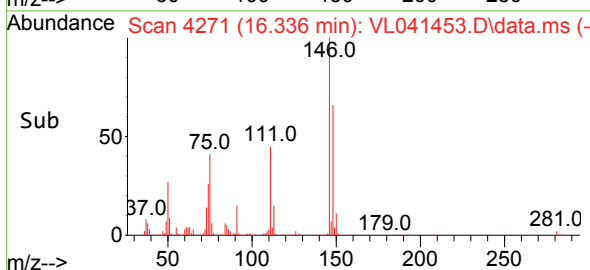
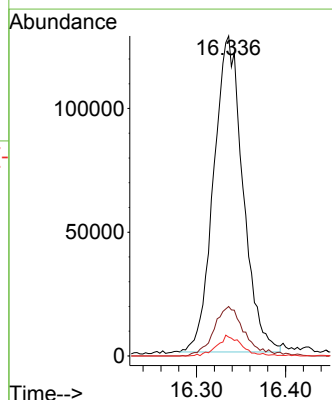
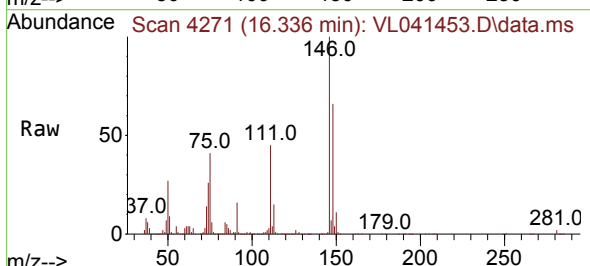
Tgt Ion: 91 Resp: 291792

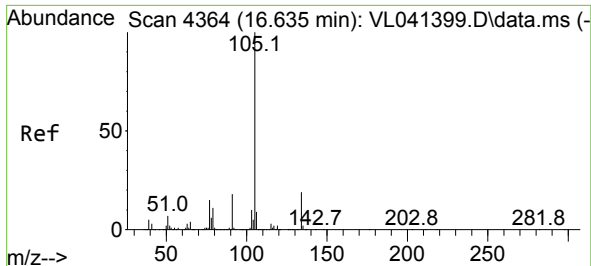
Ion Ratio Lower Upper

91 100

126 16.6 13.8 20.8

128 5.6 4.4 6.6

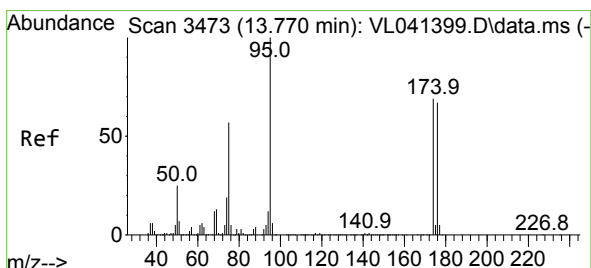
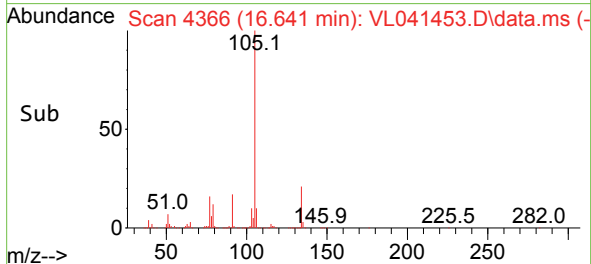
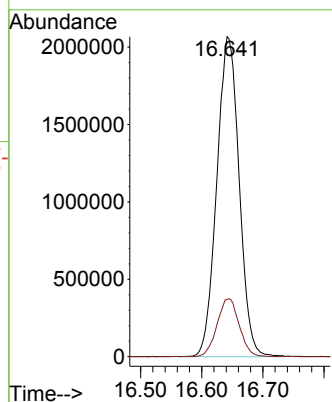
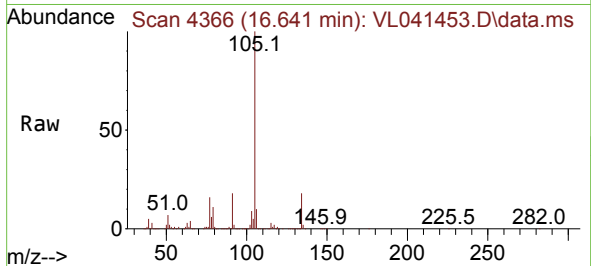




#67
 sec-Butylbenzene
 Concen: 10.423 ppbv
 RT: 16.641 min Scan# 41
 Delta R.T. 0.000 min
 Lab File: VL041453.D
 Acq: 31 Jul 2024 8:07

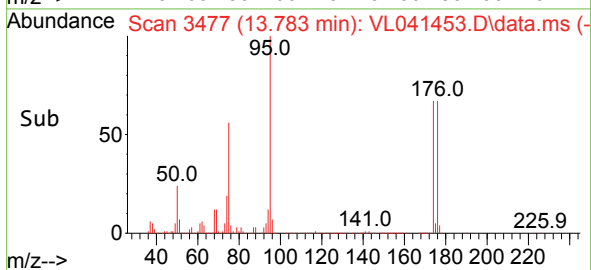
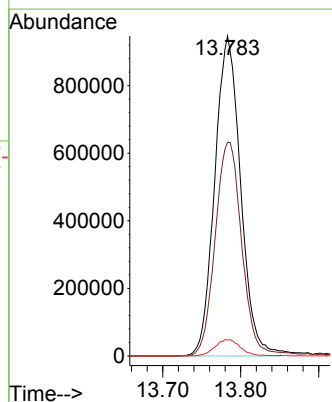
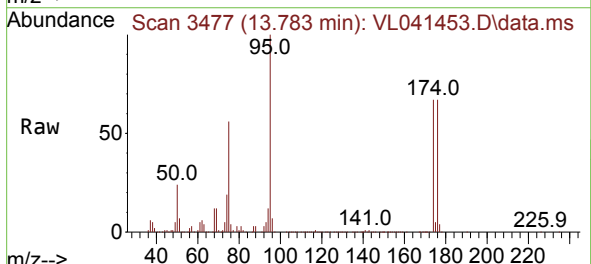
Instrument :
 MSVOA_L
 ClientSampleId :

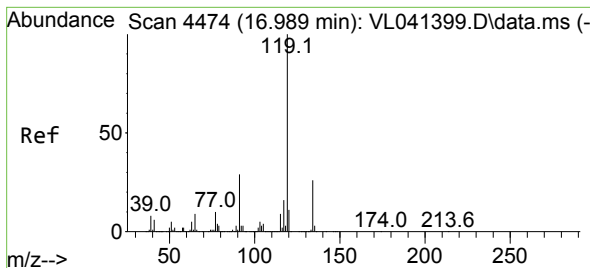
Tgt Ion:105 Resp: 5246091
 Ion Ratio Lower Upper
 105 100
 134 18.1 14.5 21.7



#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.028 ppbv
 RT: 13.783 min Scan# 3477
 Delta R.T. 0.000 min
 Lab File: VL041453.D
 Acq: 31 Jul 2024 8:07

Tgt Ion: 95 Resp: 2181421
 Ion Ratio Lower Upper
 95 100
 174 69.8 56.3 84.5
 175 5.2 4.0 6.0





#69

p-Isopropyltoluene

Concen: 10.502 ppbv

RT: 17.002 min Scan# 4478

Delta R.T. 0.000 min

Lab File: VL041453.D

Acq: 31 Jul 2024 8:07

Instrument :

MSVOA_L

ClientSampleId :

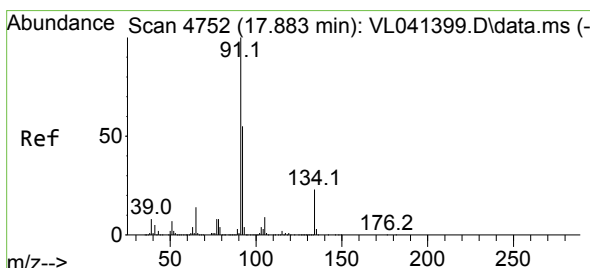
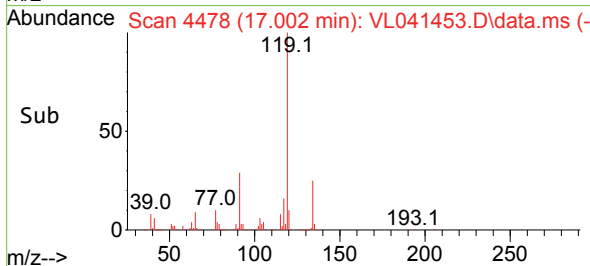
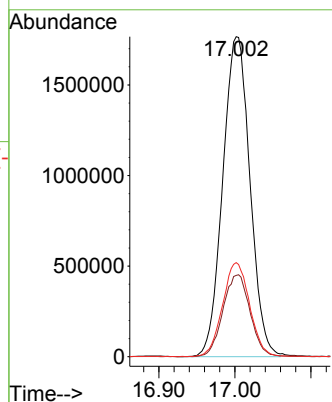
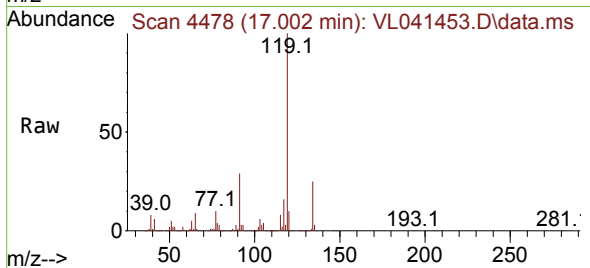
Tgt Ion:119 Resp: 4386478

Ion Ratio Lower Upper

119 100

134 25.6 20.5 30.7

91 29.2 23.2 34.8



#70

n-Butylbenzene

Concen: 10.627 ppbv

RT: 17.892 min Scan# 4755

Delta R.T. 0.000 min

Lab File: VL041453.D

Acq: 31 Jul 2024 8:07

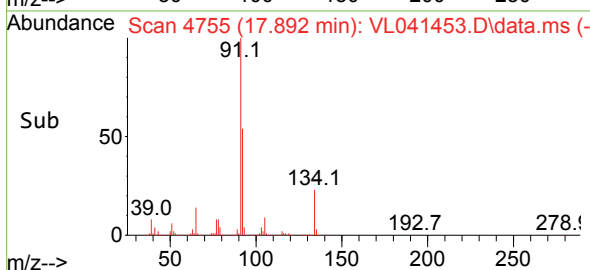
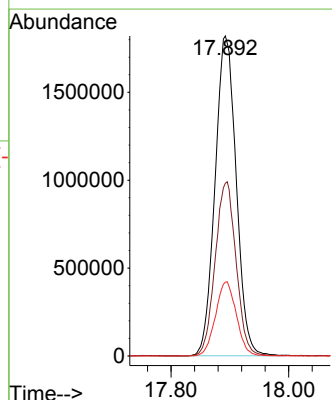
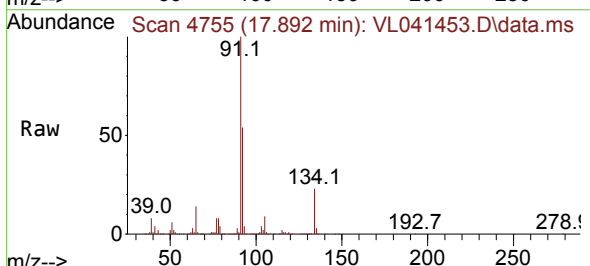
Tgt Ion: 91 Resp: 4550383

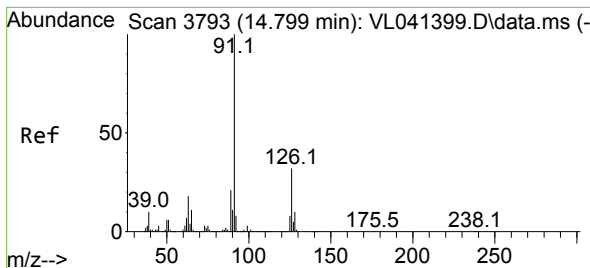
Ion Ratio Lower Upper

91 100

92 53.9 43.2 64.8

134 22.9 18.5 27.7

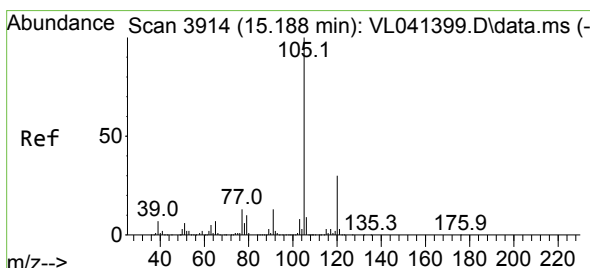
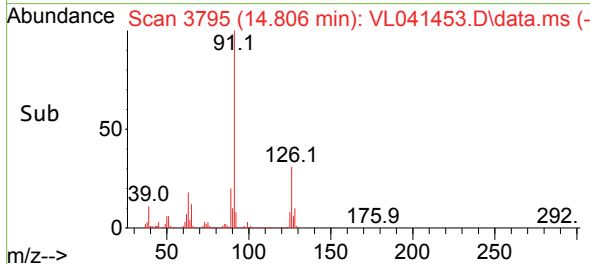
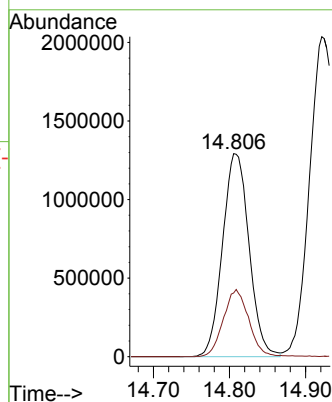
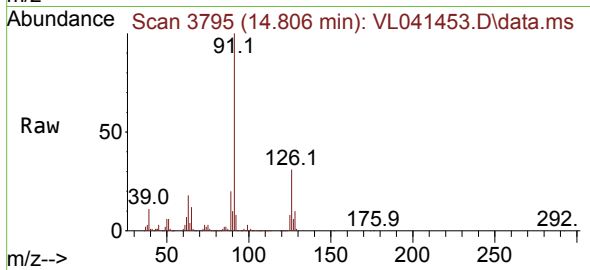




#71
2-Chlorotoluene
Concen: 10.499 ppbv
RT: 14.806 min Scan# 31
Delta R.T. 0.000 min
Lab File: VL041453.D
Acq: 31 Jul 2024 8:07

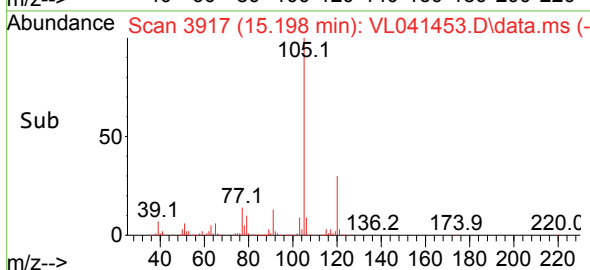
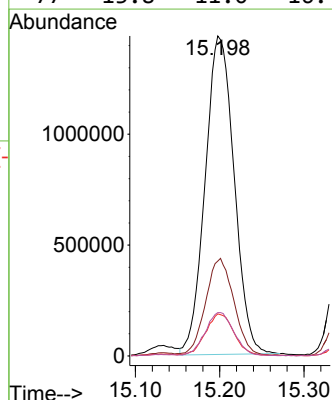
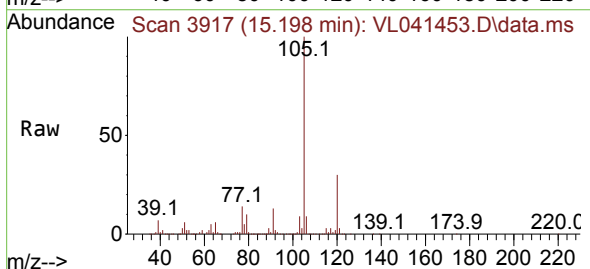
Instrument :
MSVOA_L
ClientSampleId :

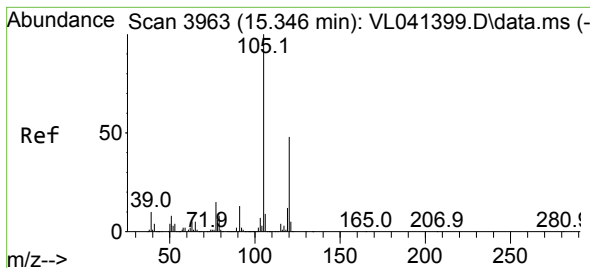
Tgt Ion: 91 Resp: 3131546
Ion Ratio Lower Upper
91 100
126 32.2 12.7 50.9



#72
4-Ethyltoluene
Concen: 10.974 ppbv
RT: 15.198 min Scan# 3917
Delta R.T. 0.000 min
Lab File: VL041453.D
Acq: 31 Jul 2024 8:07

Tgt Ion:105 Resp: 3437522
Ion Ratio Lower Upper
105 100
120 30.3 24.2 36.2
91 13.1 10.4 15.6
77 13.8 11.0 16.4





#73

1,3,5-Trimethylbenzene

Concen: 10.905 ppbv

RT: 15.359 min Scan# 3967

Delta R.T. 0.000 min

Lab File: VL041453.D

Acq: 31 Jul 2024 8:07

Instrument :

MSVOA_L

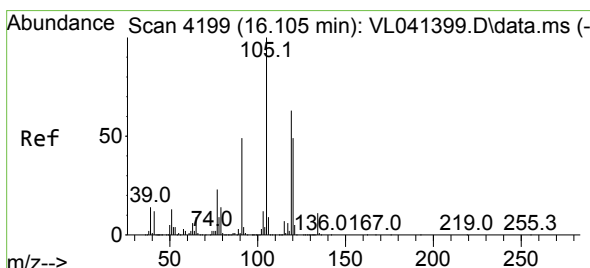
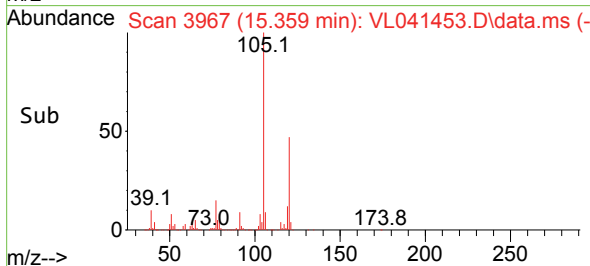
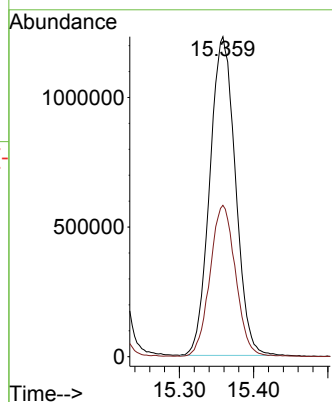
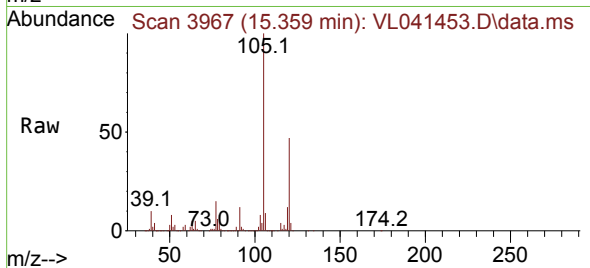
ClientSampleId :

Tgt Ion:105 Resp: 2942554

Ion Ratio Lower Upper

105 100

120 47.3 38.6 57.8



#74

1,2,4-Trimethylbenzene

Concen: 10.370 ppbv

RT: 16.117 min Scan# 4203

Delta R.T. 0.000 min

Lab File: VL041453.D

Acq: 31 Jul 2024 8:07

Tgt Ion:105 Resp: 3253415

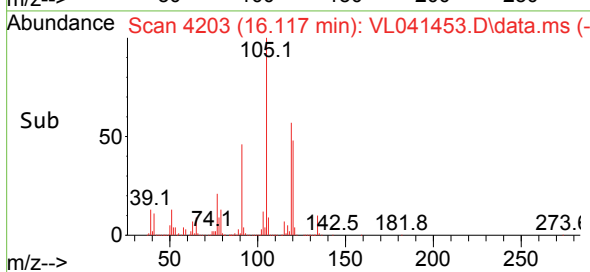
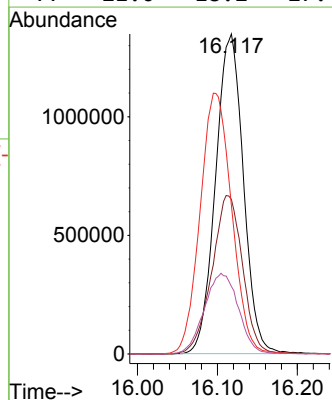
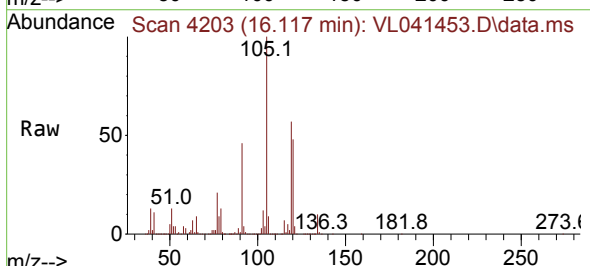
Ion Ratio Lower Upper

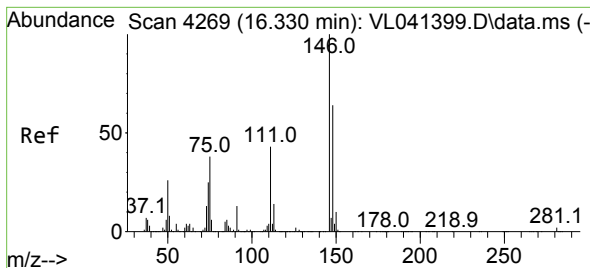
105 100

120 47.9 39.5 59.3

91 46.1 39.8 59.8

77 21.0 18.2 27.4





#75

1,3-Dichlorobenzene

Concen: 10.374 ppbv

RT: 16.339 min Scan# 41

Delta R.T. 0.000 min

Lab File: VL041453.D

Acq: 31 Jul 2024 8:07

Instrument :

MSVOA_L

ClientSampleId :

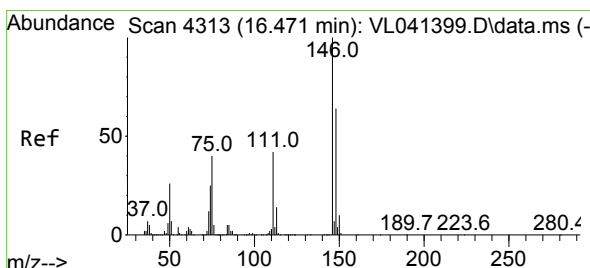
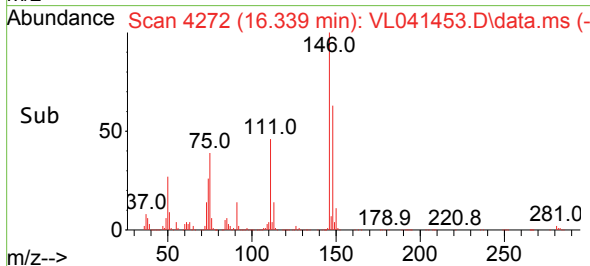
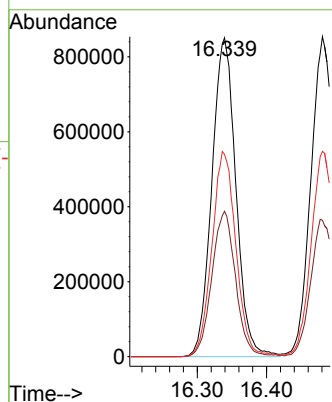
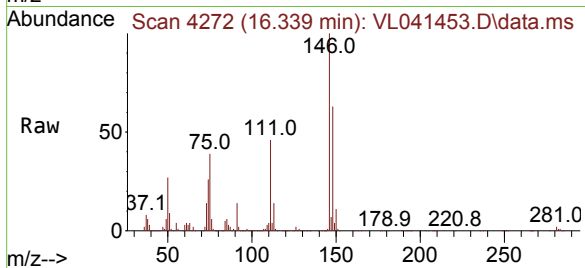
Tgt Ion:146 Resp: 2045897

Ion Ratio Lower Upper

146 100

111 45.3 22.6 67.8

148 64.4 32.3 96.8



#76

1,4-Dichlorobenzene

Concen: 10.646 ppbv

RT: 16.481 min Scan# 4316

Delta R.T. 0.000 min

Lab File: VL041453.D

Acq: 31 Jul 2024 8:07

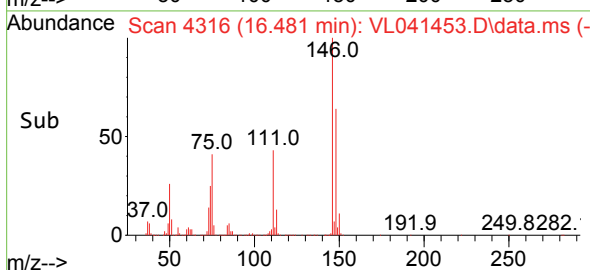
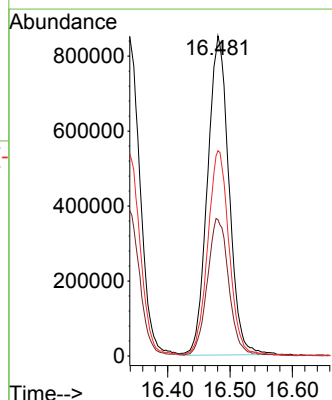
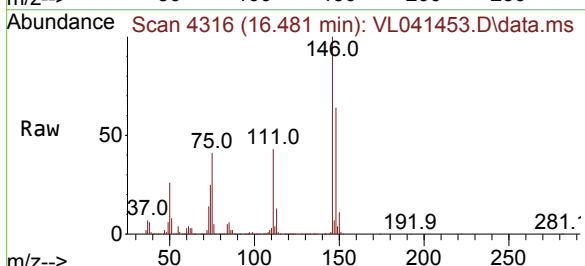
Tgt Ion:146 Resp: 2032848

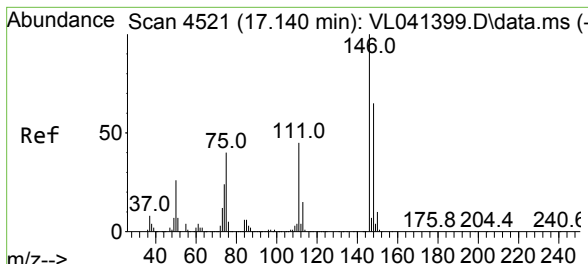
Ion Ratio Lower Upper

146 100

111 43.4 22.4 67.0

148 64.7 33.1 99.5



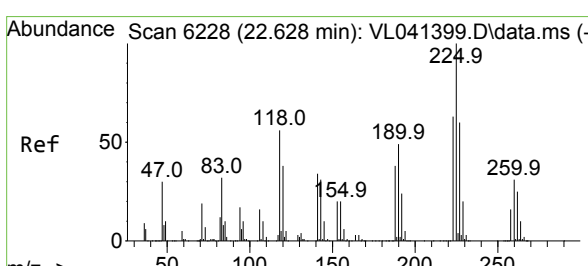
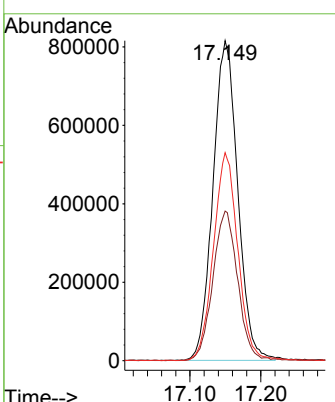
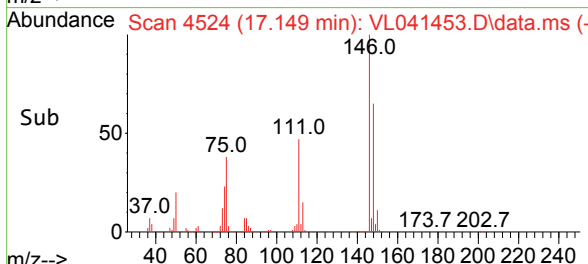
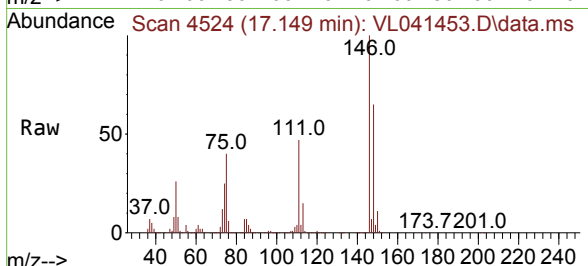


#77
 1,2-Dichlorobenzene
 Concen: 10.127 ppbv
 RT: 17.149 min Scan# 4521
 Delta R.T. 0.000 min
 Lab File: VL041453.D
 Acq: 31 Jul 2024 8:07

Instrument :
 MSVOA_L
 ClientSampleId :

Tgt Ion:146 Resp: 1979755

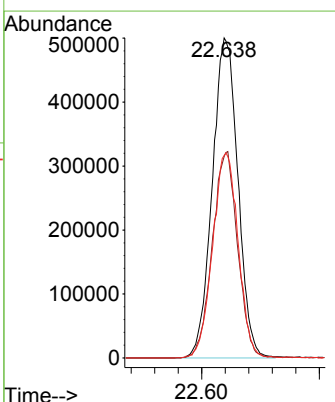
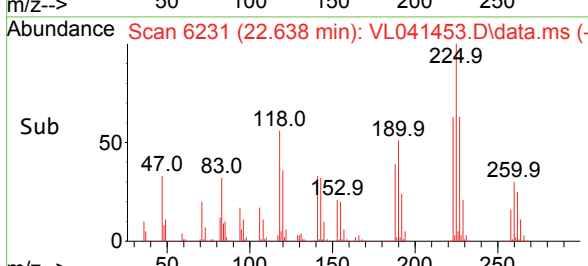
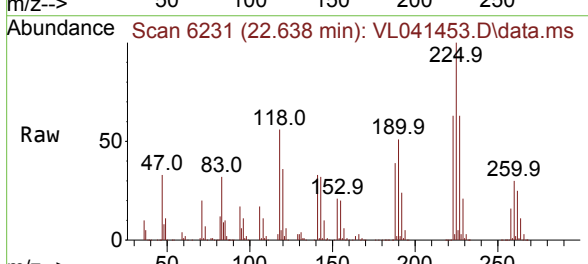
Ion	Ratio	Lower	Upper
146	100		
111	47.5	23.4	70.0
148	64.1	32.2	96.6

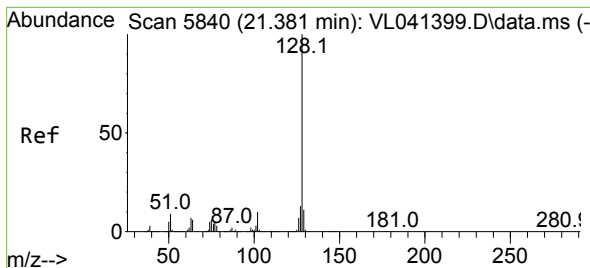


#78
 Hexachloro-1,3-Butadiene
 Concen: 9.079 ppbv
 RT: 22.638 min Scan# 6231
 Delta R.T. 0.000 min
 Lab File: VL041453.D
 Acq: 31 Jul 2024 8:07

Tgt Ion:225 Resp: 1513614

Ion	Ratio	Lower	Upper
225	100		
223	63.7	50.6	76.0
227	64.1	50.8	76.2





#79

Naphthalene

Concen: 12.262 ppbv

RT: 21.390 min Scan# 5843

Delta R.T. 0.000 min

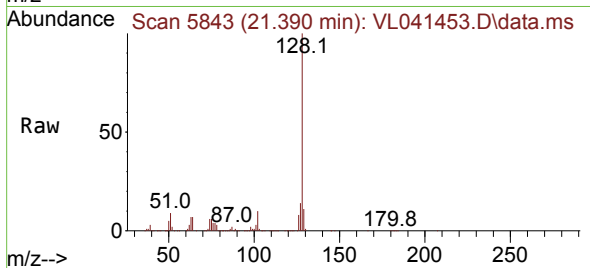
Lab File: VL041453.D

Acq: 31 Jul 2024 8:07

Instrument :

MSVOA_L

ClientSampleId :



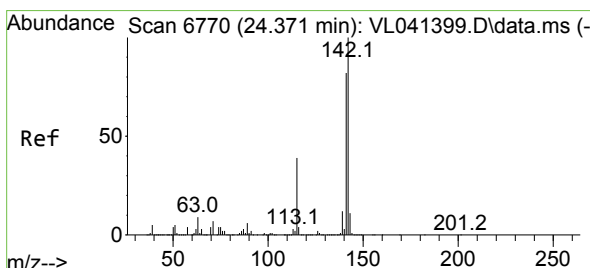
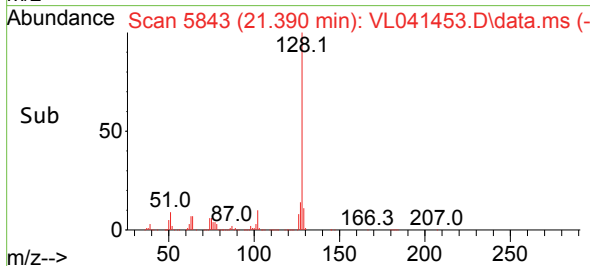
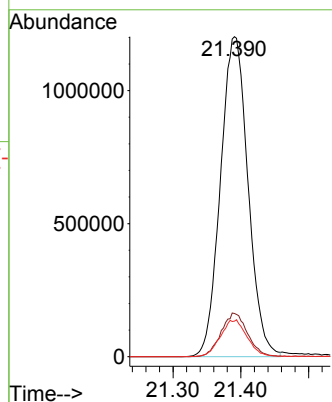
Tgt Ion:128 Resp: 3395303

Ion Ratio Lower Upper

128 100

127 13.5 10.3 15.5

129 11.1 9.0 13.4



#80

Naphthalene,2-methyl-

Concen: 12.829 ppbv

RT: 24.377 min Scan# 6772

Delta R.T. 0.000 min

Lab File: VL041453.D

Acq: 31 Jul 2024 8:07

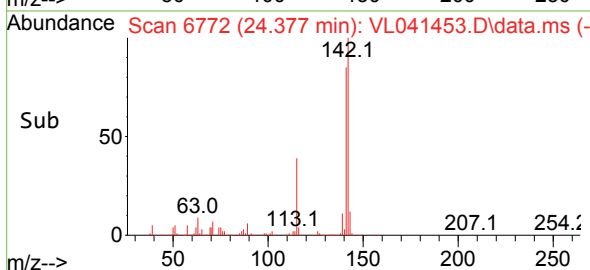
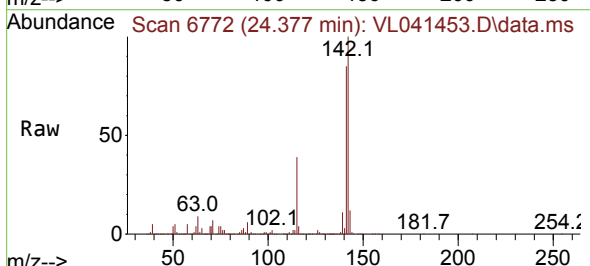
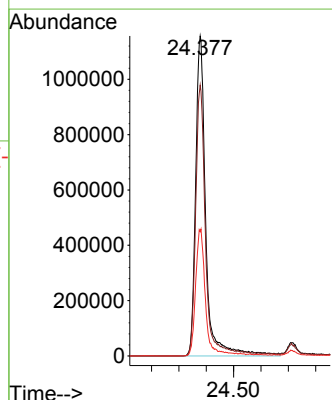
Tgt Ion:142 Resp: 2977660

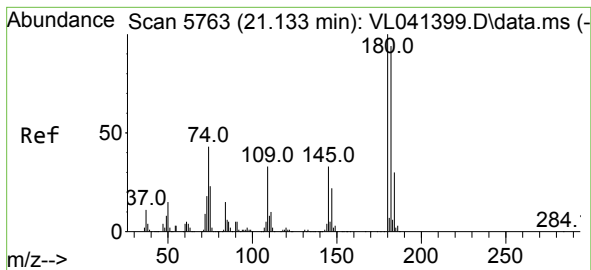
Ion Ratio Lower Upper

142 100

141 82.6 67.0 100.4

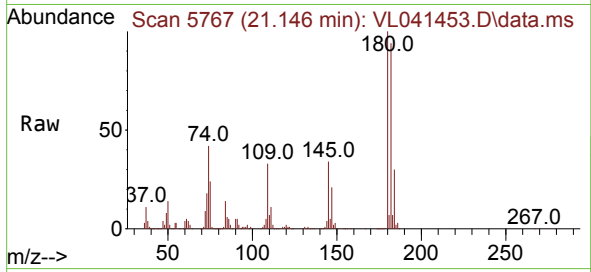
115 39.1 32.2 48.2





#81
 1,2,4-Trichlorobenzene
 Concen: 10.876 ppbv
 RT: 21.146 min Scan# 51
 Delta R.T. 0.000 min
 Lab File: VL041453.D
 Acq: 31 Jul 2024 8:07

Instrument :
 MSVOA_L
 ClientSampleId :



Tgt Ion:180 Resp: 1792242

Ion	Ratio	Lower	Upper
180	100		
182	95.9	76.7	115.1
184	30.6	24.5	36.7

