

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL080524\
 Data File : VL041492.D
 Acq On : 5 Aug 2024 8:15
 Operator : SY/MD
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :

Quant Time: Aug 06 01:34:34 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 : Tue Aug 06 01:32:58 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.189	49	1034046	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.648	114	2823238	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.462	117	3334798	10.000	ppbv	# 0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.767	95	2015007	7.852	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	78.500%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.732	85	1210790	6.806	ppbv	99
3) Chlorodifluoromethane	2.677	51	1236944	10.048	ppbv	99
4) Chloromethane	2.816	50	649025	9.913	ppbv	100
5) Vinyl Chloride	2.922	62	653881	10.132	ppbv	97
6) Bromomethane	3.121	94	342336	10.321	ppbv	97
7) Chloroethane	3.198	64	227428	10.211	ppbv	94
8) Dichlorotetrafluoroethane	2.861	85	1555334	9.867	ppbv	98
9) Propene	2.697	41	540835	9.564	ppbv	98
10) Heptane	7.574	43	1388315	10.927	ppbv	99
11) Trichlorofluoromethane	3.562	101	1566621	9.916	ppbv	99
12) 1,1,2-Trichlorotrifluo...	4.063	101	1139577	10.017	ppbv	99
13) Ethanol	3.243	45	37245	7.369	ppbv	96
14) Bromoethene	3.365	108	460339	10.380	ppbv	99
15) Acetone	3.468	43	1162748	9.897	ppbv	100
16) 1,3-Butadiene	2.986	39	650065	10.356	ppbv	100
17) tert-Butyl alcohol	3.877	59	1155069	10.780	ppbv	100
18) 1,1-Dichloroethene	3.880	96	514349	10.570	ppbv	99
19) Isopropyl Alcohol	3.574	45	721665	10.507	ppbv	# 98
20) Methylene Chloride	3.931	84	417957	9.540	ppbv	96
21) Allyl Chloride	3.996	41	808639	10.495	ppbv	98
22) trans-1,2-Dichloroethene	4.443	96	517510	10.636	ppbv	99
23) Vinyl Acetate	4.626	43	1036523	11.551	ppbv	98
24) 1,1-Dichloroethane	4.562	63	1089139	10.309	ppbv	99
25) Ethyl Acetate	5.201	43	2473611	10.598	ppbv	99
26) Hexane	5.211	57	1019904	10.533	ppbv	99
27) Carbon Disulfide	4.124	76	1207438	10.660	ppbv	99
28) Methyl tert-Butyl Ether	4.581	73	630195	10.321	ppbv	100
29) Chloroform	5.272	83	1606698	10.173	ppbv	99
30) Cyclohexane	6.597	84	894332	11.342	ppbv	98
31) cis-1,2-Dichloroethene	5.076	61	1019566	10.659	ppbv	98
32) 1,1,1-Trichloroethane	5.999	97	1573647	10.236	ppbv	100
34) 2-Butanone	4.783	43	1485469	10.877	ppbv	99
35) Carbon Tetrachloride	6.491	117	1659946	10.660	ppbv	98
36) Benzene	6.369	78	2193743	10.634	ppbv	98
37) 1,2-Dichloroethane	5.806	62	1229718	10.651	ppbv	100
38) Trichloroethene	7.288	130	991953	10.496	ppbv	98
39) 1,2-Dichloropropane	7.069	63	845993	10.712	ppbv	97
40) 1,4-Dioxane	7.278	88	322874	10.177	ppbv	76
41) Tetrahydrofuran	5.552	42	871951	11.163	ppbv	100
42) Bromodichloromethane	7.246	83	1774615	10.644	ppbv	99
43) Methyl Methacrylate	7.468	69	866253	11.710	ppbv	96
44) 2,2,4-Trimethylpentane	7.320	57	3668281	10.646	ppbv	100
45) t-1,3-Dichloropropene	8.706	75	888906	13.055	ppbv	99

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 ALS Vial : 1 Sample Multiplier: 1

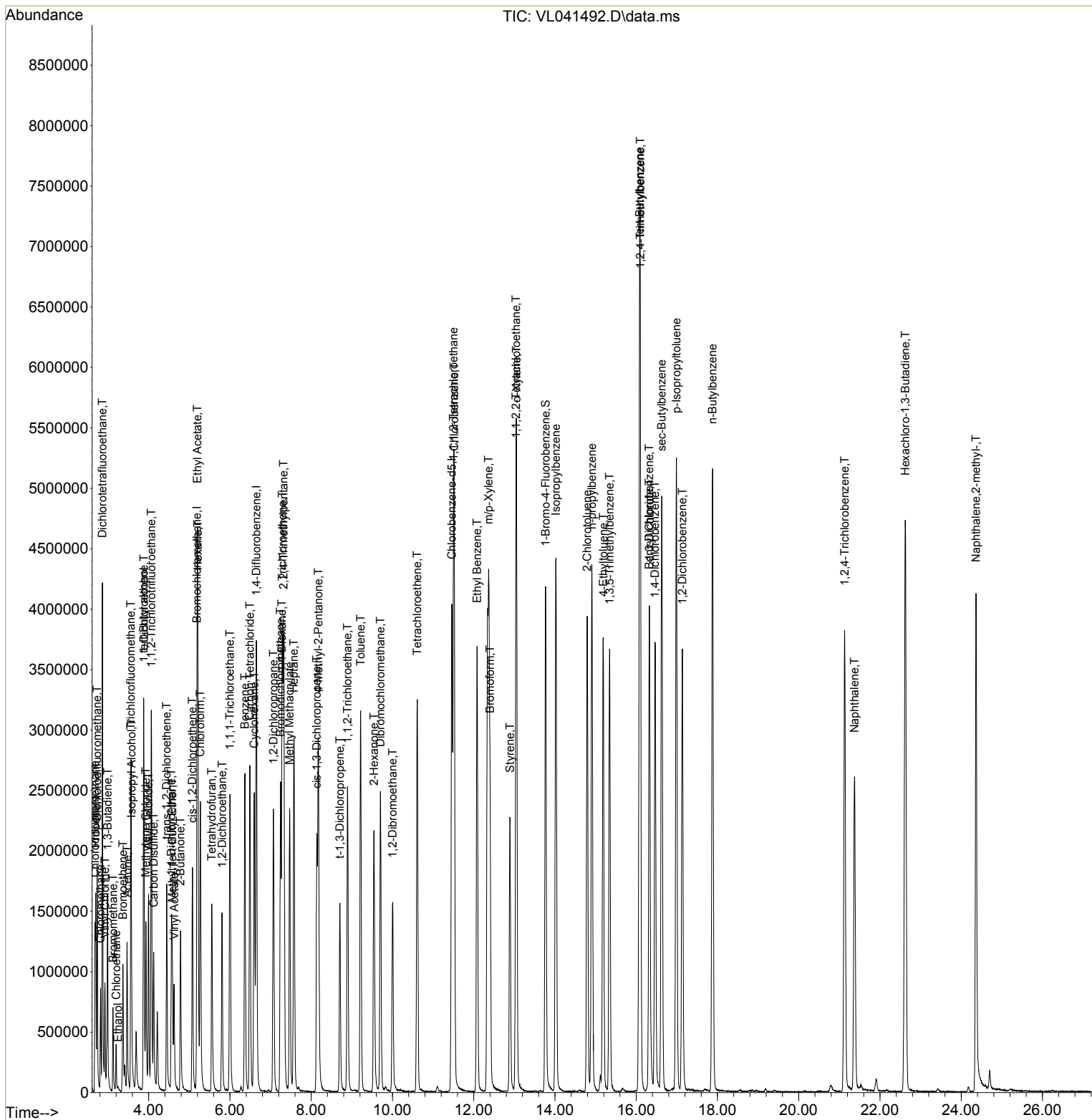
Instrument :
 MSVOA_L
 ClientSampleId :

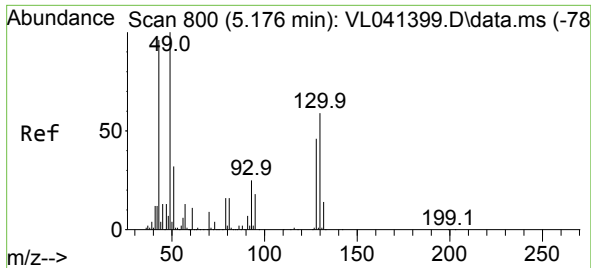
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 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL072524AIR.M
 Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Tue Aug 06 01:32:58 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.140	75	1197773	12.182	ppbv	96
47) 1,1,2-Trichloroethane	8.893	97	912598	10.483	ppbv	97
48) Dibromochloromethane	9.706	129	1536211	10.953	ppbv	99
49) Bromoform	12.400	173	1362852	11.504	ppbv	99
50) 4-Methyl-2-Pentanone	8.176	43	2441373	11.330	ppbv	99
51) 2-Hexanone	9.545	43	2003191	12.295	ppbv	98
52) Tetrachloroethene	10.613	164	833142	10.452	ppbv	96
53) Toluene	9.217	91	2584060	11.246	ppbv	99
54) 1,2-Dibromoethane	10.005	107	1319578	11.388	ppbv	96
56) 1,1,1,2-Tetrachloroethane	11.503	131	1103662	8.534	ppbv #	56
57) Chlorobenzene	11.519	112	2006819	8.452	ppbv	99
58) Ethyl Benzene	12.085	91	3481919	9.059	ppbv	97
59) m/p-Xylene	12.368	91	3167878	9.547	ppbv #	40
60) o-Xylene	13.053	91	2816993	8.975	ppbv	100
61) Styrene	12.892	104	1397860	9.871	ppbv	99
62) Isopropylbenzene	14.021	105	4123045	8.641	ppbv	100
63) 1,1,2,2-Tetrachloroethane	13.040	83	1734357	8.750	ppbv	100
64) n-propylbenzene	14.912	120	1103072	8.842	ppbv	96
65) tert-Butylbenzene	16.082	119	3704329	8.595	ppbv	100
66) Benzyl Chloride	16.320	91	288869	10.450	ppbv	99
67) sec-Butylbenzene	16.629	105	5184615	8.731	ppbv	100
69) p-Isopropyltoluene	16.989	119	4357796	8.844	ppbv	100
70) n-Butylbenzene	17.879	91	4519257	8.946	ppbv	100
71) 2-Chlorotoluene	14.793	91	3114664	8.851	ppbv	99
72) 4-Ethyltoluene	15.188	105	3411948	9.233	ppbv	99
73) 1,3,5-Trimethylbenzene	15.346	105	2916730	9.162	ppbv	99
74) 1,2,4-Trimethylbenzene	16.101	105	3255434	8.796	ppbv	99
75) 1,3-Dichlorobenzene	16.323	146	2022267	8.692	ppbv	100
76) 1,4-Dichlorobenzene	16.465	146	1993472	8.849	ppbv	99
77) 1,2-Dichlorobenzene	17.137	146	1972219	8.551	ppbv	100
78) Hexachloro-1,3-Butadiene	22.622	225	1478216	7.516	ppbv	99
79) Naphthalene	21.371	128	3345463	10.241	ppbv	100
80) Naphthalene,2-methyl-	24.361	142	2971534	10.852	ppbv	97
81) 1,2,4-Trichlorobenzene	21.130	180	1763021	9.069	ppbv	99

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

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL072524AIR.M
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QLast Update : Tue Aug 06 01:32:58 2024
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.189 min Scan# 80

Delta R.T. -0.000 min

Lab File: VL041492.D

Acq: 5 Aug 2024 8:15

Instrument :

MSVOA_L

ClientSampleId :

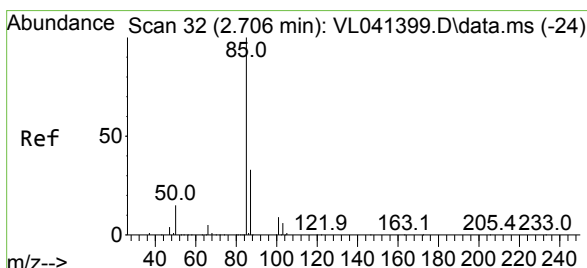
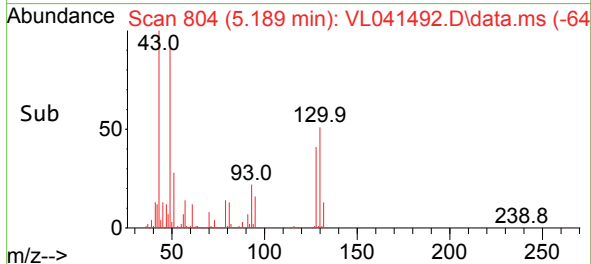
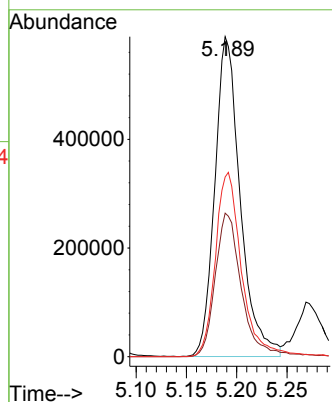
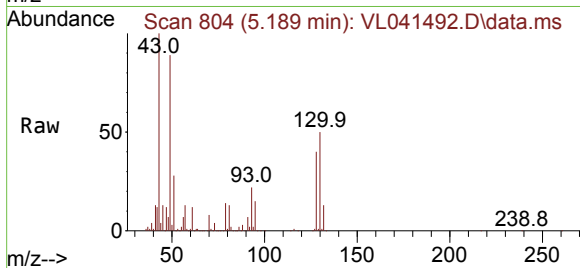
Tgt Ion: 49 Resp: 1034046

Ion Ratio Lower Upper

49 100

128 47.2 23.8 71.4

130 60.5 30.8 92.4



#2

Dichlorodifluoromethane

Concen: 6.806 ppbv

RT: 2.732 min Scan# 40

Delta R.T. 0.000 min

Lab File: VL041492.D

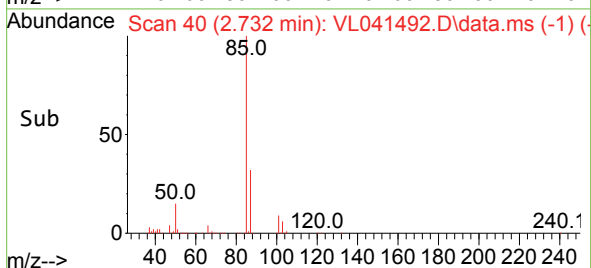
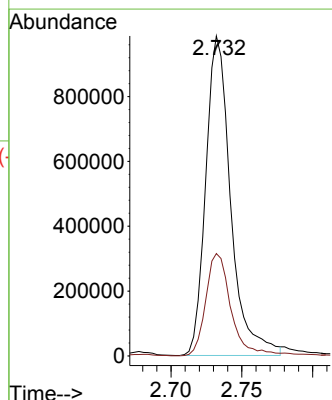
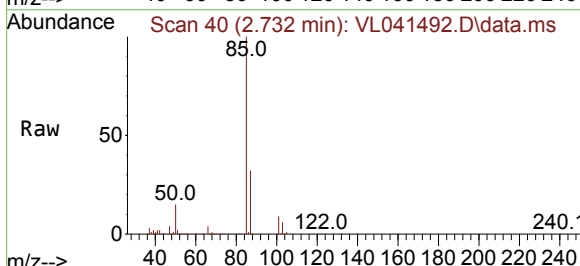
Acq: 5 Aug 2024 8:15

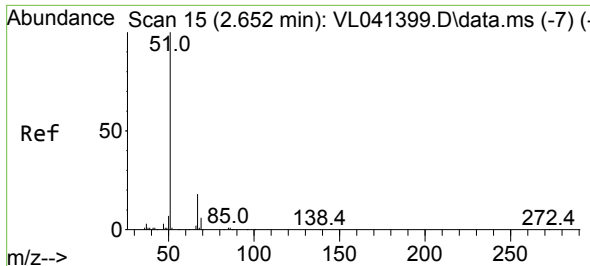
Tgt Ion: 85 Resp: 1210790

Ion Ratio Lower Upper

85 100

87 32.0 26.0 39.0

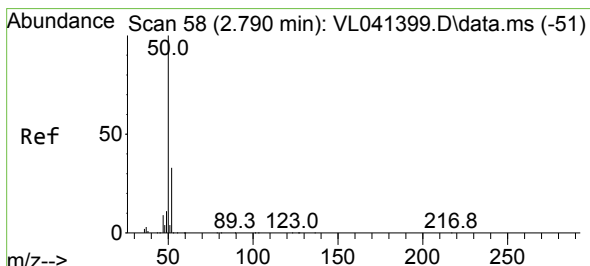
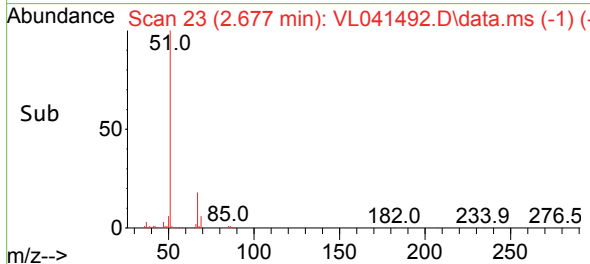
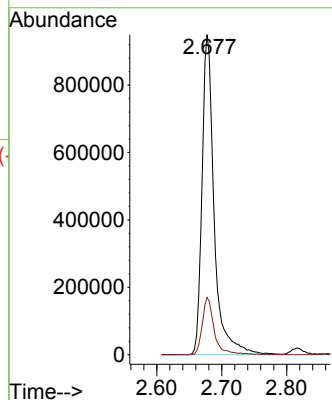
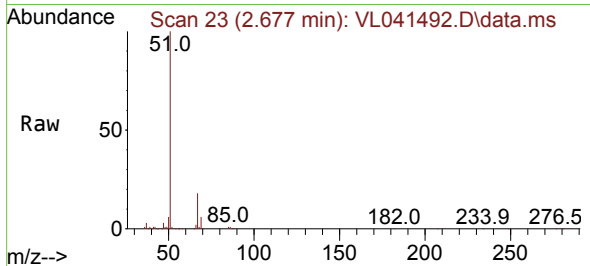




#3
Chlorodifluoromethane
Concen: 10.048 ppbv
RT: 2.677 min Scan# 21
Delta R.T. 0.000 min
Lab File: VL041492.D
Acq: 5 Aug 2024 8:15

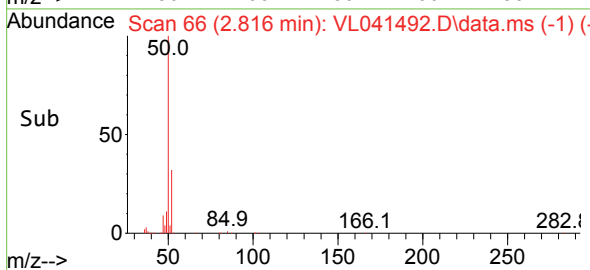
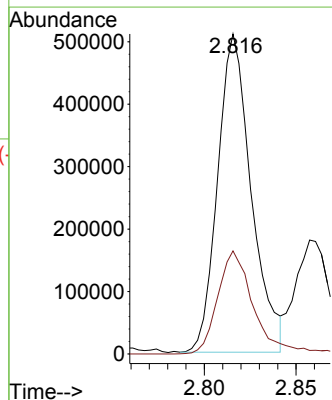
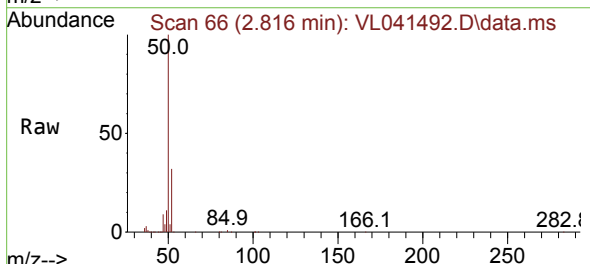
Instrument :
MSVOA_L
ClientSampleId :

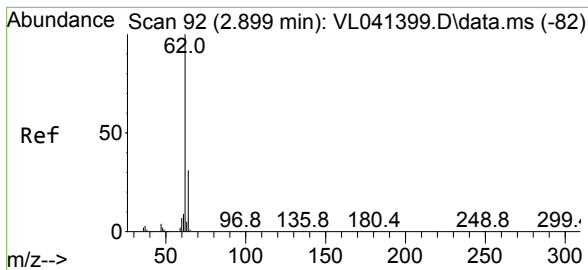
Tgt Ion: 51 Resp: 1236944
Ion Ratio Lower Upper
51 100
67 17.7 14.5 21.7



#4
Chloromethane
Concen: 9.913 ppbv
RT: 2.816 min Scan# 66
Delta R.T. 0.000 min
Lab File: VL041492.D
Acq: 5 Aug 2024 8:15

Tgt Ion: 50 Resp: 649025
Ion Ratio Lower Upper
50 100
52 32.5 26.1 39.1

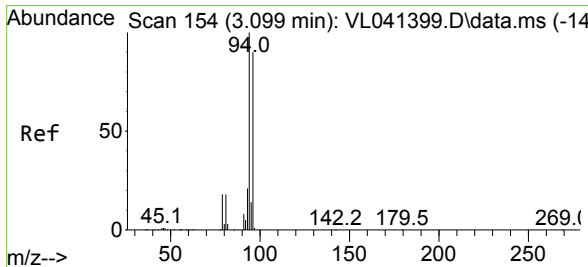
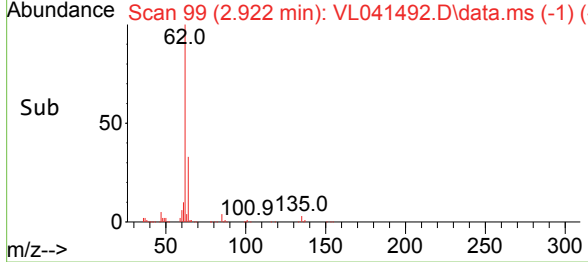
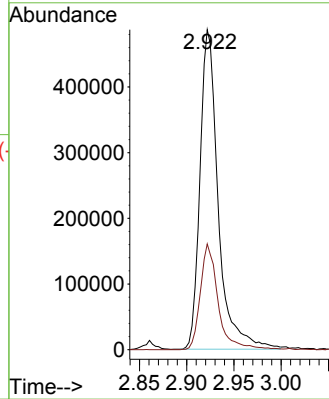
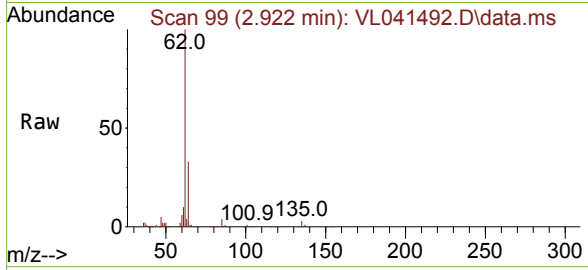




#5
 Vinyl Chloride
 Concen: 10.132 ppbv
 RT: 2.922 min Scan# 99
 Delta R.T. 0.000 min
 Lab File: VL041492.D
 Acq: 5 Aug 2024 8:15

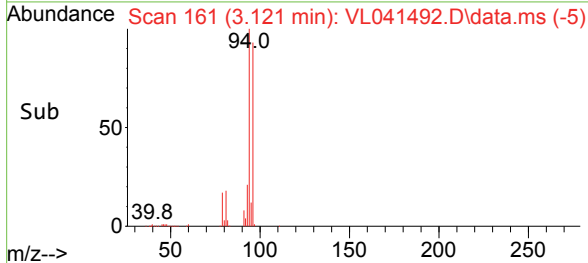
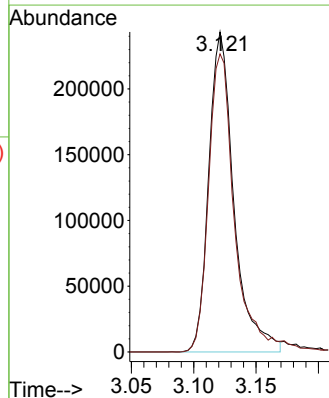
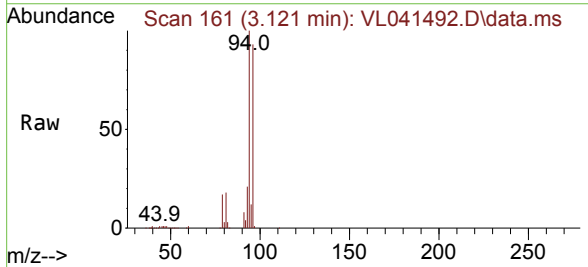
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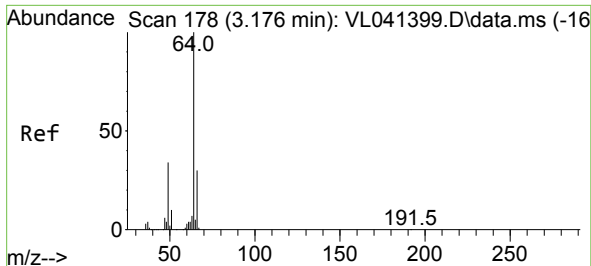
Tgt Ion: 62 Resp: 653881
 Ion Ratio Lower Upper
 62 100
 64 33.1 25.0 37.4



#6
 Bromomethane
 Concen: 10.321 ppbv
 RT: 3.121 min Scan# 161
 Delta R.T. 0.000 min
 Lab File: VL041492.D
 Acq: 5 Aug 2024 8:15

Tgt Ion: 94 Resp: 342336
 Ion Ratio Lower Upper
 94 100
 96 93.2 72.3 108.5

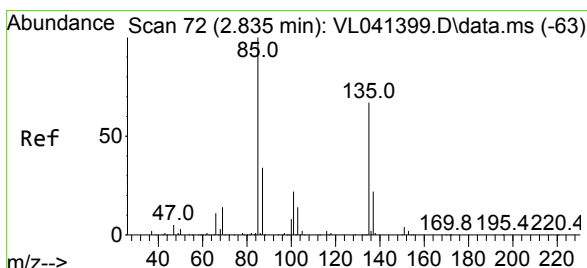
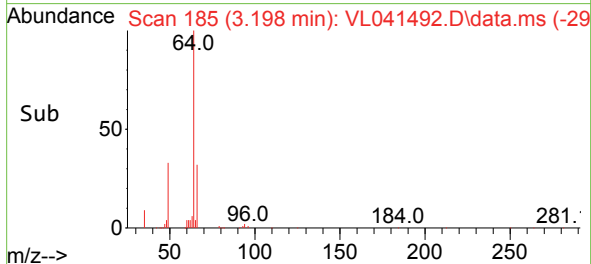
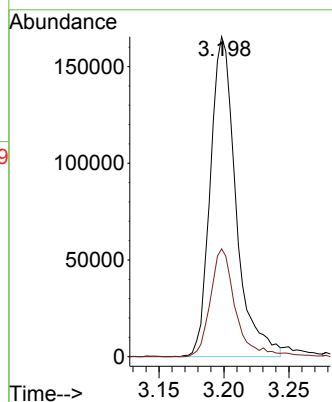
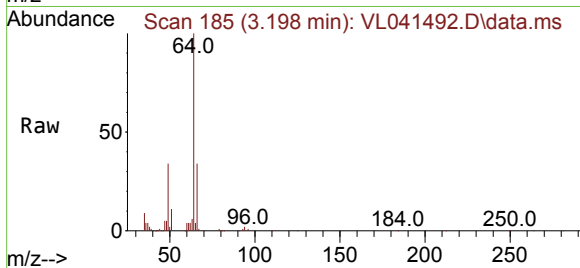




#7
Chloroethane
Concen: 10.211 ppbv
RT: 3.198 min Scan# 11
Delta R.T. 0.000 min
Lab File: VL041492.D
Acq: 5 Aug 2024 8:15

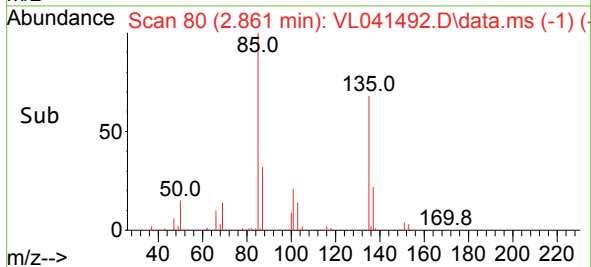
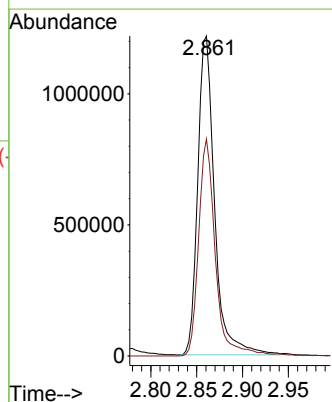
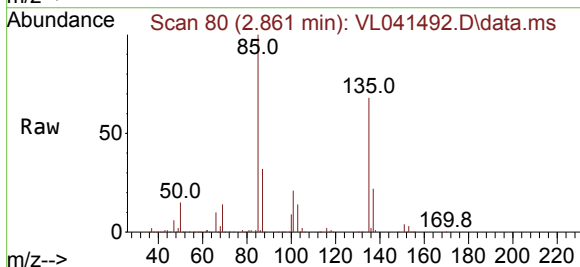
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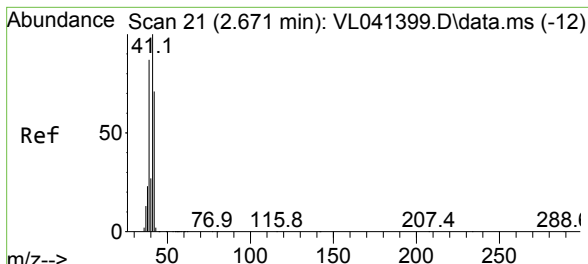
Tgt Ion: 64 Resp: 227428
Ion Ratio Lower Upper
64 100
66 33.7 24.2 36.2



#8
Dichlorotetrafluoroethane
Concen: 9.867 ppbv
RT: 2.861 min Scan# 80
Delta R.T. 0.000 min
Lab File: VL041492.D
Acq: 5 Aug 2024 8:15

Tgt Ion: 85 Resp: 1555334
Ion Ratio Lower Upper
85 100
135 68.0 55.4 83.0

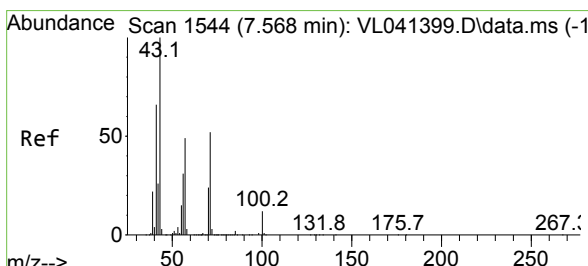
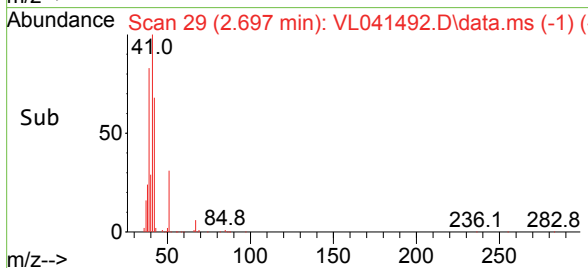
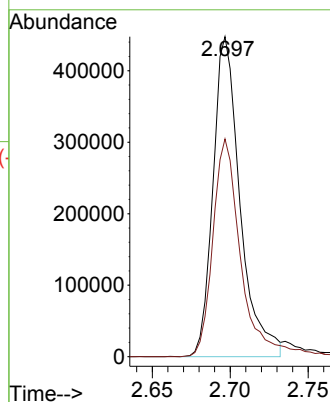
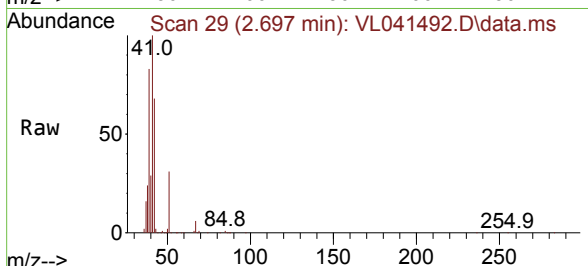




#9
 Propene
 Concen: 9.564 ppbv
 RT: 2.697 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VL041492.D
 Acq: 5 Aug 2024 8:15

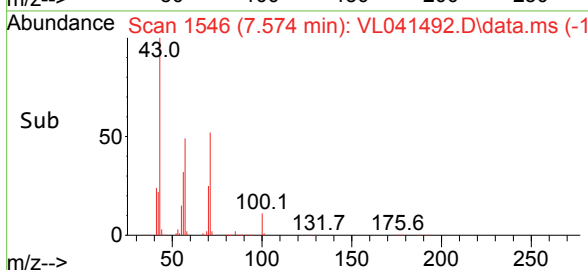
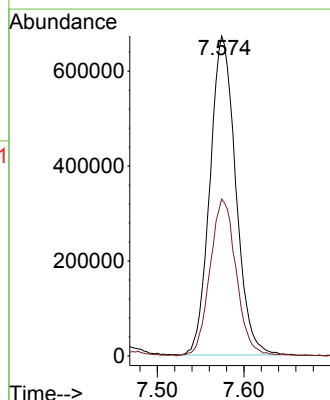
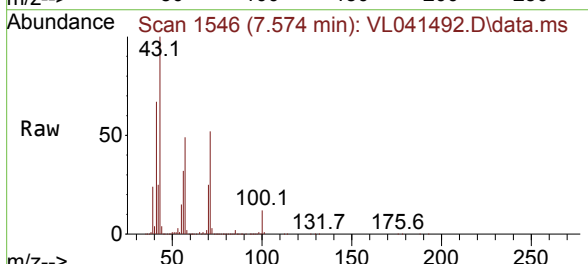
Instrument :
 MSVOA_L
 ClientSampleId :

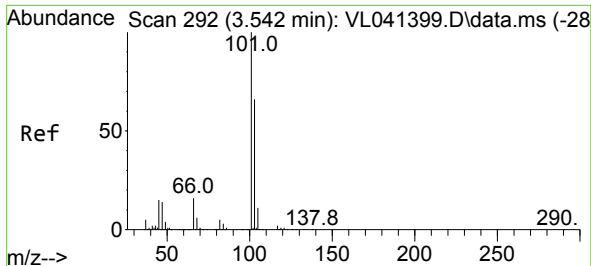
Tgt Ion: 41 Resp: 540835
 Ion Ratio Lower Upper
 41 100
 42 71.5 55.9 83.9



#10
 Heptane
 Concen: 10.927 ppbv
 RT: 7.574 min Scan# 1546
 Delta R.T. 0.000 min
 Lab File: VL041492.D
 Acq: 5 Aug 2024 8:15

Tgt Ion: 43 Resp: 1388315
 Ion Ratio Lower Upper
 43 100
 57 50.1 40.5 60.7

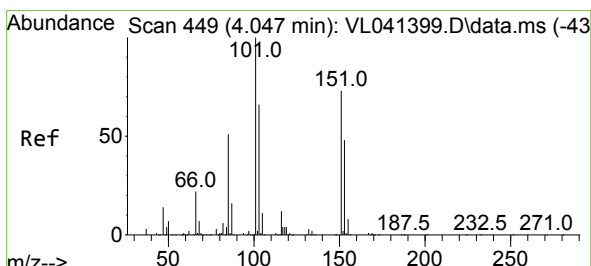
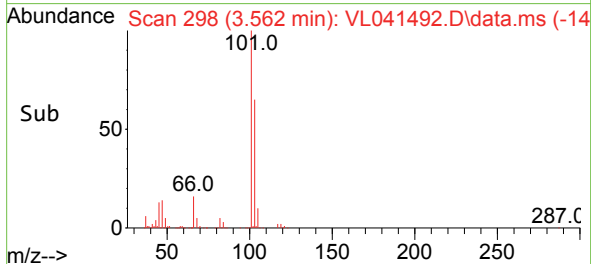
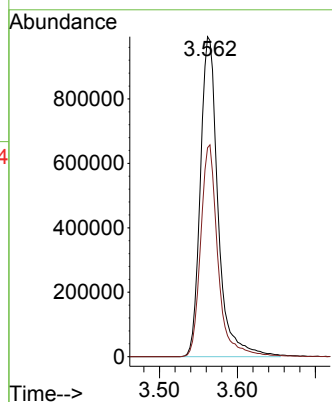
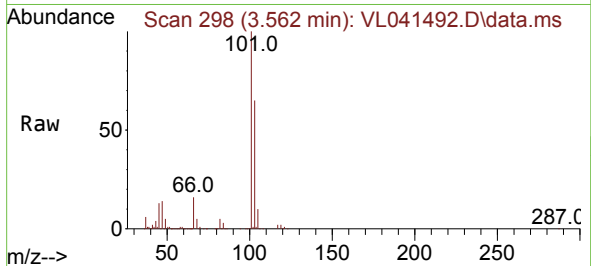




#11
 Trichlorofluoromethane
 Concen: 9.916 ppbv
 RT: 3.562 min Scan# 292
 Delta R.T. 0.000 min
 Lab File: VL041492.D
 Acq: 5 Aug 2024 8:15

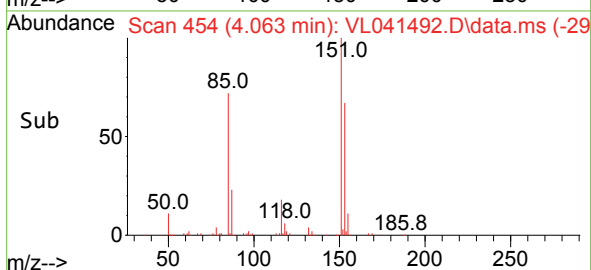
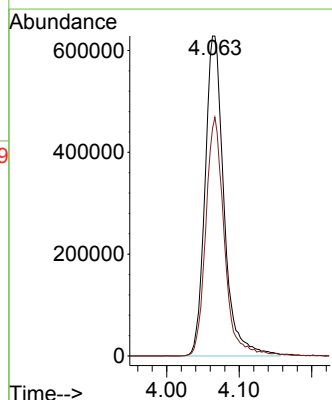
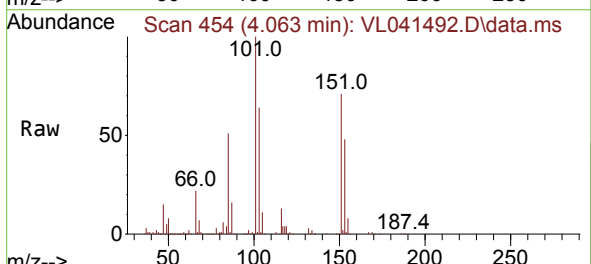
Instrument :
 MSVOA_L
 ClientSampleId :

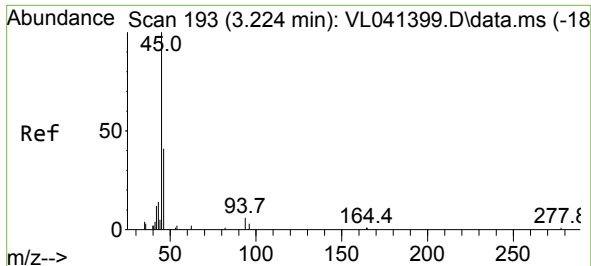
Tgt Ion:101 Resp: 1566621
 Ion Ratio Lower Upper
 101 100
 103 65.3 52.6 79.0



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 10.017 ppbv
 RT: 4.063 min Scan# 454
 Delta R.T. 0.000 min
 Lab File: VL041492.D
 Acq: 5 Aug 2024 8:15

Tgt Ion:101 Resp: 1139577
 Ion Ratio Lower Upper
 101 100
 151 73.2 59.4 89.2

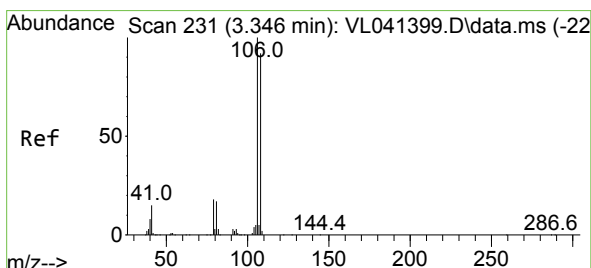
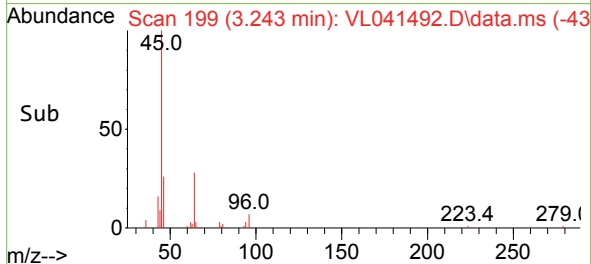
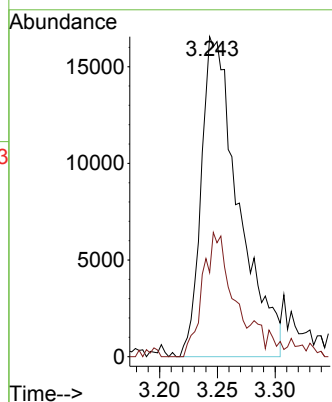
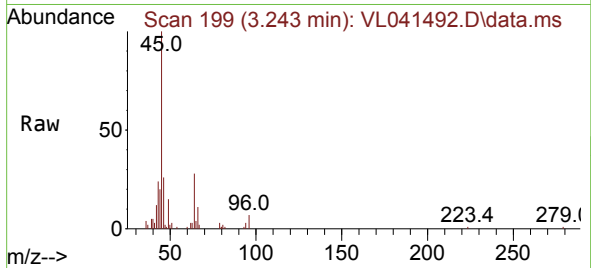




#13
Ethanol
Concen: 7.369 ppbv
RT: 3.243 min Scan# 193
Delta R.T. 0.000 min
Lab File: VL041492.D
Acq: 5 Aug 2024 8:15

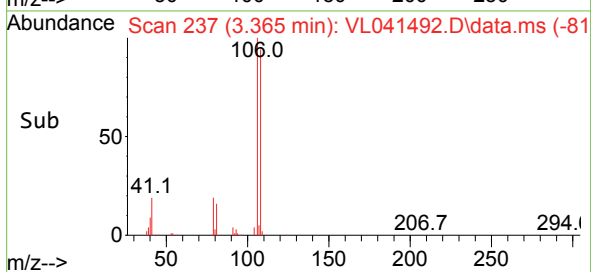
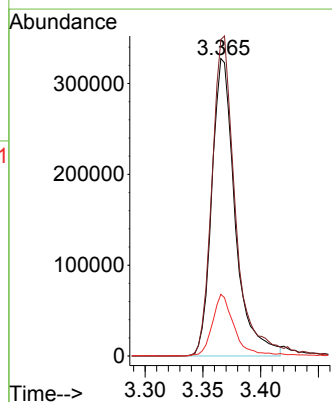
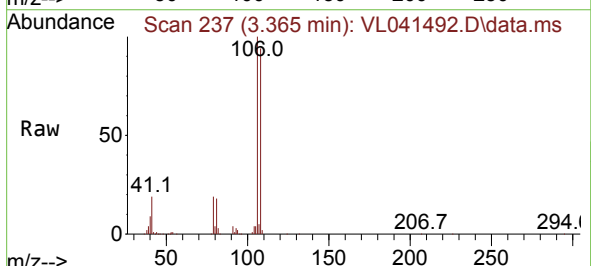
Instrument :
MSVOA_L
ClientSampleId :

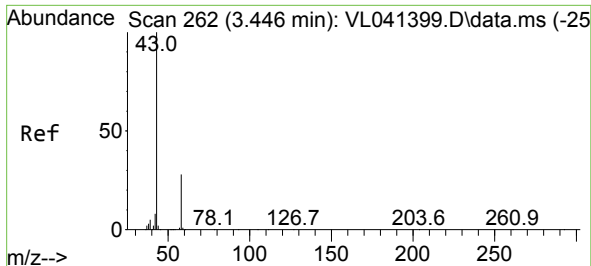
Tgt Ion: 45 Resp: 37245
Ion Ratio Lower Upper
45 100
46 35.8 13.4 53.4



#14
Bromoethene
Concen: 10.380 ppbv
RT: 3.365 min Scan# 237
Delta R.T. 0.000 min
Lab File: VL041492.D
Acq: 5 Aug 2024 8:15

Tgt Ion:108 Resp: 460339
Ion Ratio Lower Upper
108 100
106 110.1 86.9 130.3
79 20.4 16.2 24.4

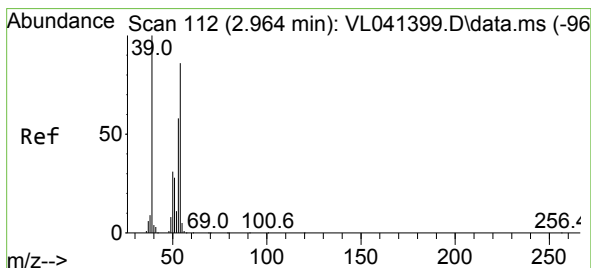
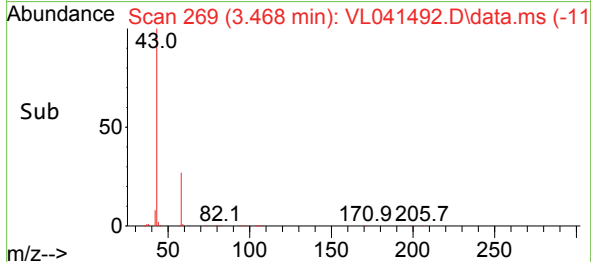
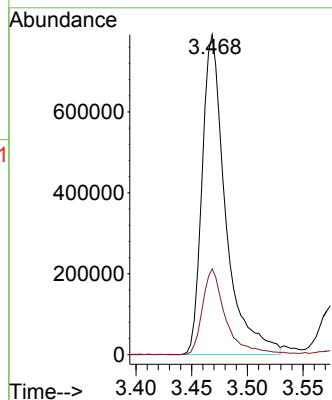
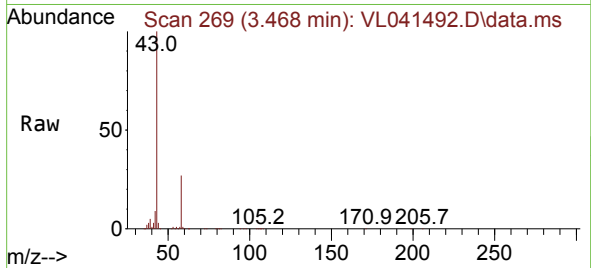




#15
Acetone
Concen: 9.897 ppbv
RT: 3.468 min Scan# 20
Delta R.T. 0.000 min
Lab File: VL041492.D
Acq: 5 Aug 2024 8:15

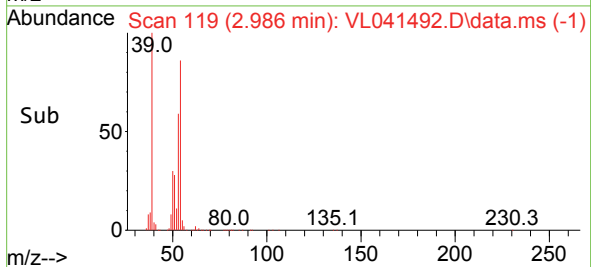
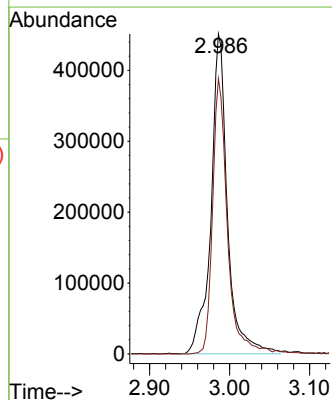
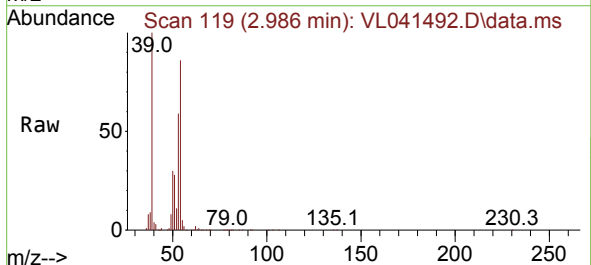
Instrument :
MSVOA_L
ClientSampleId :

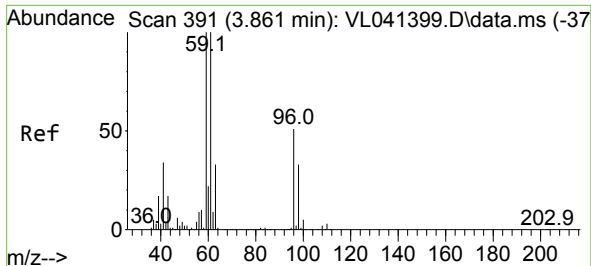
Tgt Ion: 43 Resp: 1162748
Ion Ratio Lower Upper
43 100
58 26.9 21.4 32.2



#16
1,3-Butadiene
Concen: 10.356 ppbv
RT: 2.986 min Scan# 119
Delta R.T. 0.000 min
Lab File: VL041492.D
Acq: 5 Aug 2024 8:15

Tgt Ion: 39 Resp: 650065
Ion Ratio Lower Upper
39 100
54 77.8 62.5 93.7

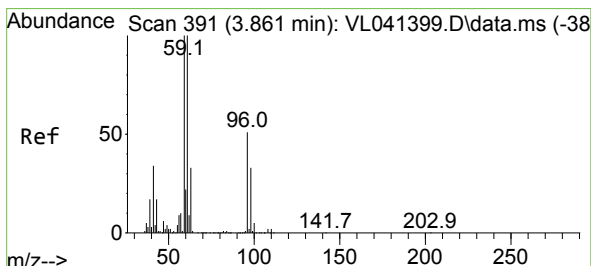
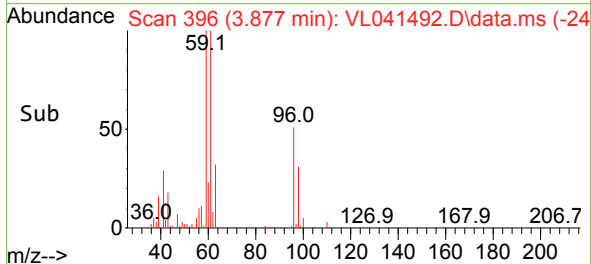
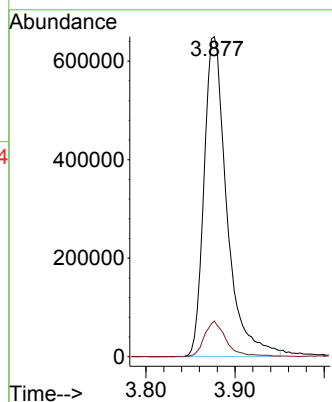
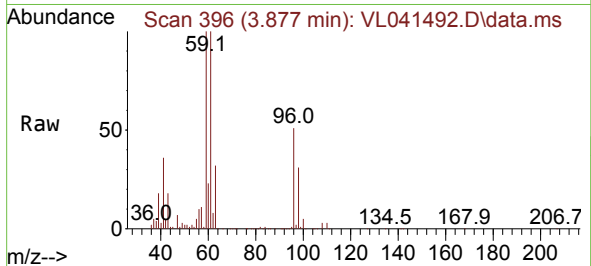




#17
tert-Butyl alcohol
Concen: 10.780 ppbv
RT: 3.877 min Scan# 396
Delta R.T. 0.000 min
Lab File: VL041492.D
Acq: 5 Aug 2024 8:15

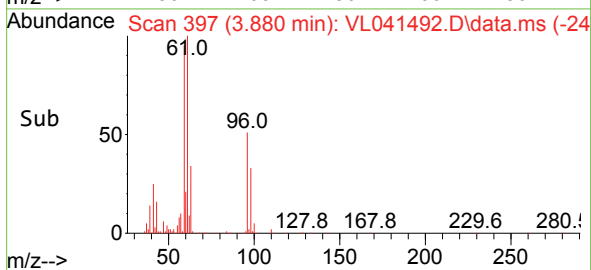
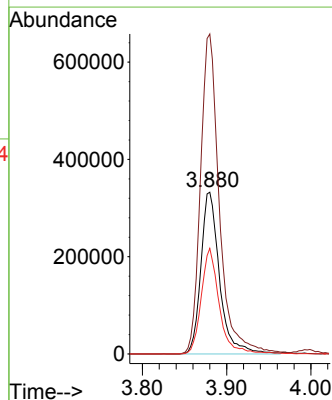
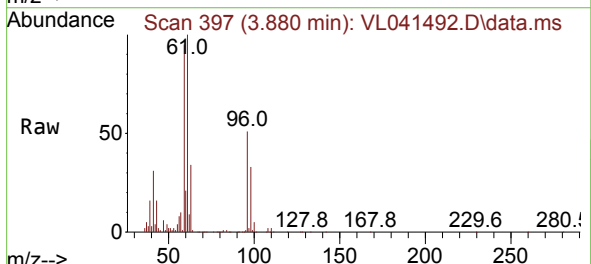
Instrument :
MSVOA_L
ClientSampleId :

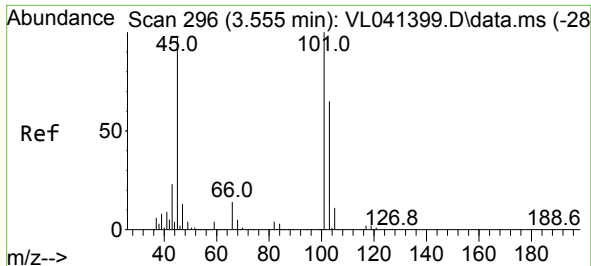
Tgt Ion: 59 Resp: 1155069
Ion Ratio Lower Upper
59 100
57 10.8 8.6 12.8



#18
1,1-Dichloroethene
Concen: 10.570 ppbv
RT: 3.880 min Scan# 397
Delta R.T. 0.000 min
Lab File: VL041492.D
Acq: 5 Aug 2024 8:15

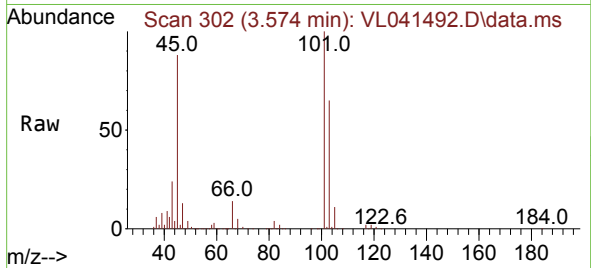
Tgt Ion: 96 Resp: 514349
Ion Ratio Lower Upper
96 100
61 197.8 157.5 236.3
98 65.3 51.2 76.8



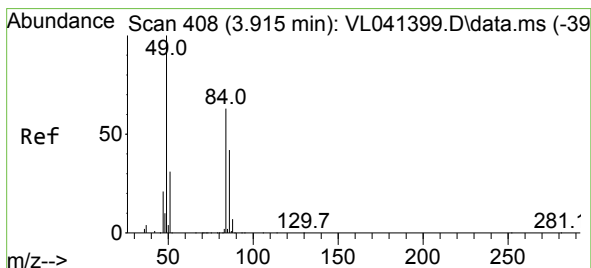
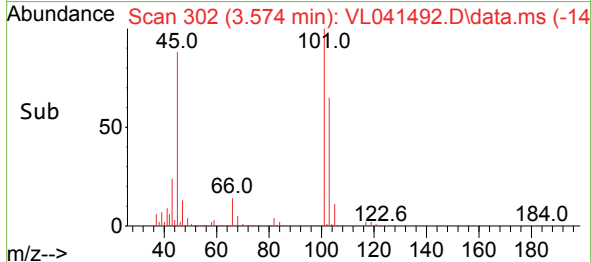
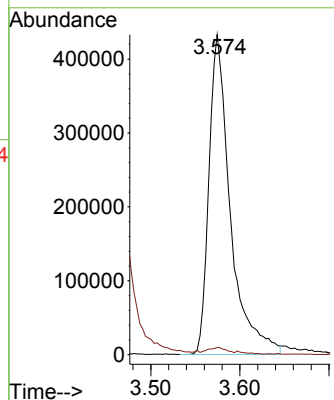


#19
Isopropyl Alcohol
Concen: 10.507 ppbv
RT: 3.574 min Scan# 302
Delta R.T. 0.000 min
Lab File: VL041492.D
Acq: 5 Aug 2024 8:15

Instrument :
MSVOA_L
ClientSampleId :

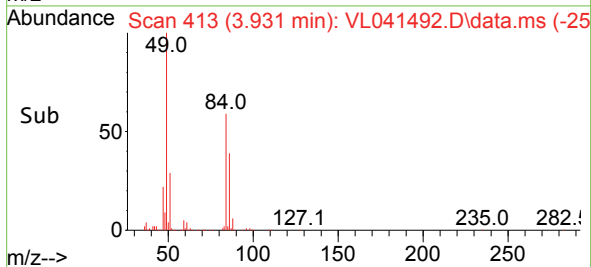
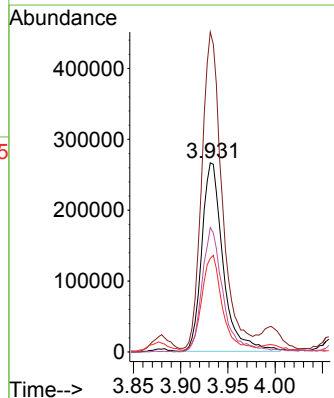
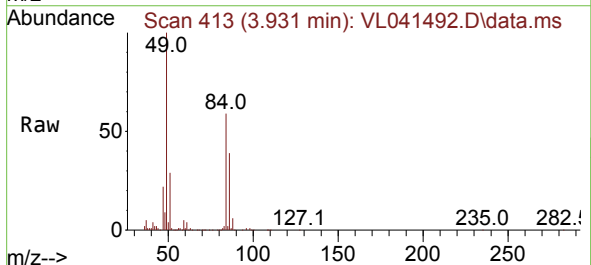


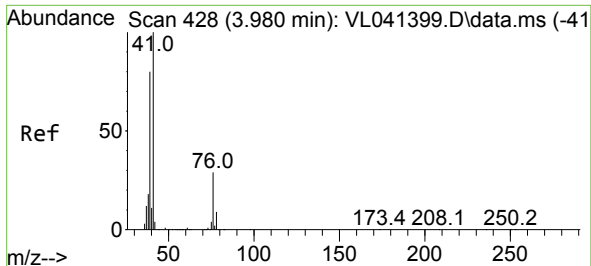
Tgt Ion: 45 Resp: 721665
Ion Ratio Lower Upper
45 100
58 3.1 1.9 2.9#



#20
Methylene Chloride
Concen: 9.540 ppbv
RT: 3.931 min Scan# 413
Delta R.T. 0.000 min
Lab File: VL041492.D
Acq: 5 Aug 2024 8:15

Tgt Ion: 84 Resp: 417957
Ion Ratio Lower Upper
84 100
49 167.8 126.6 190.0
51 48.5 38.6 58.0
86 65.8 53.0 79.4

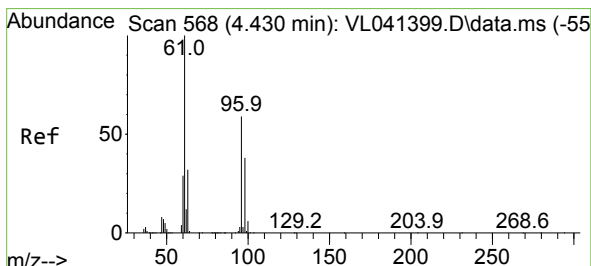
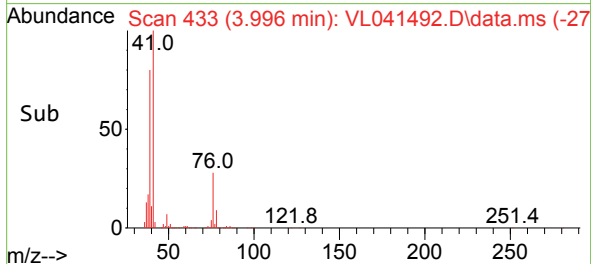
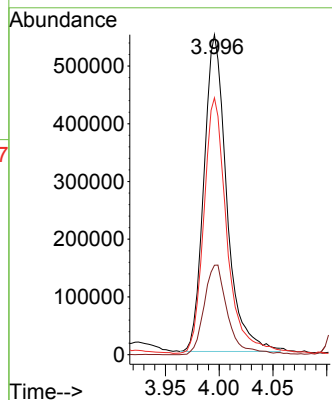
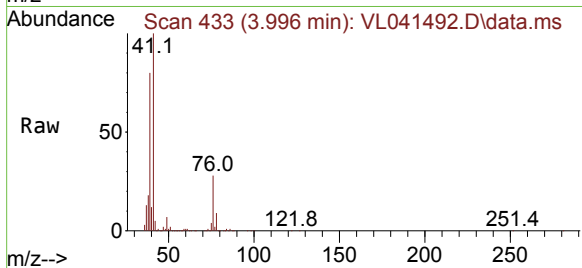




#21
 Allyl Chloride
 Concen: 10.495 ppbv
 RT: 3.996 min Scan# 41
 Delta R.T. 0.000 min
 Lab File: VL041492.D
 Acq: 5 Aug 2024 8:15

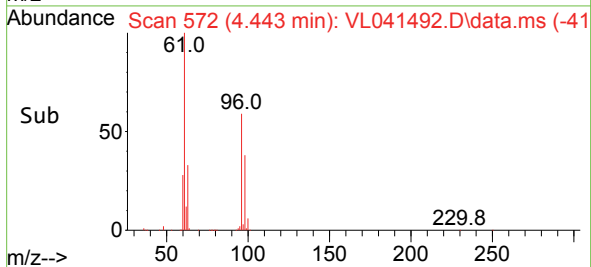
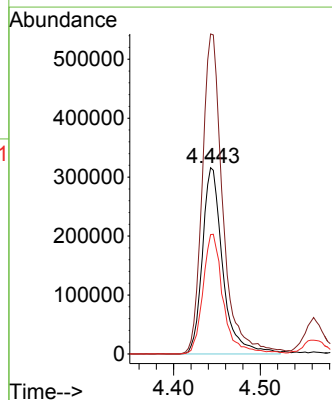
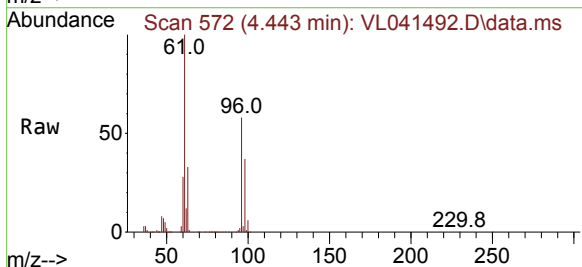
Instrument :
 MSVOA_L
 ClientSampleId :

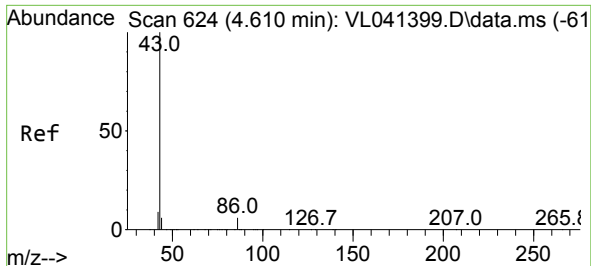
Tgt Ion: 41 Resp: 808639
 Ion Ratio Lower Upper
 41 100
 76 29.4 23.7 35.5
 39 82.7 64.3 96.5



#22
 trans-1,2-Dichloroethene
 Concen: 10.636 ppbv
 RT: 4.443 min Scan# 572
 Delta R.T. 0.000 min
 Lab File: VL041492.D
 Acq: 5 Aug 2024 8:15

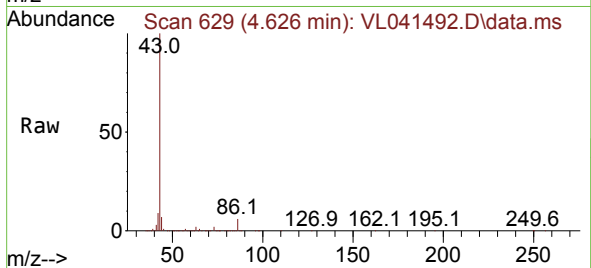
Tgt Ion: 96 Resp: 517510
 Ion Ratio Lower Upper
 96 100
 61 171.8 135.4 203.2
 98 64.1 51.0 76.4





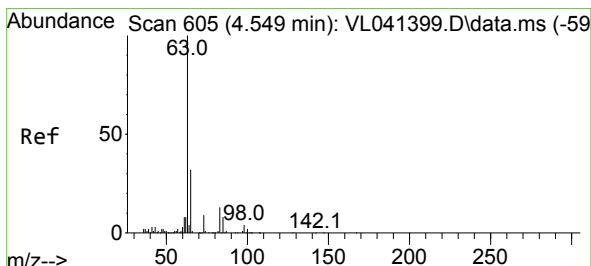
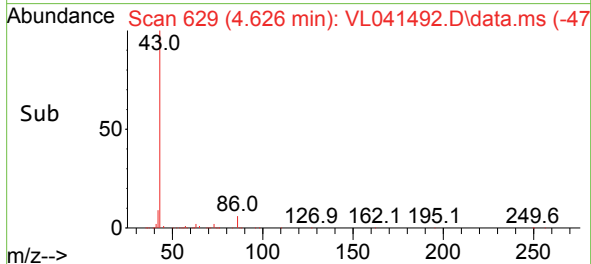
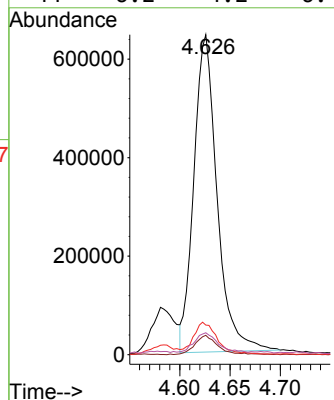
#23
 Vinyl Acetate
 Concen: 11.551 ppbv
 RT: 4.626 min Scan# 61
 Delta R.T. 0.000 min
 Lab File: VL041492.D
 Acq: 5 Aug 2024 8:15

Instrument :
 MSVOA_L
 ClientSampleId :



Tgt Ion: 43 Resp: 1036523

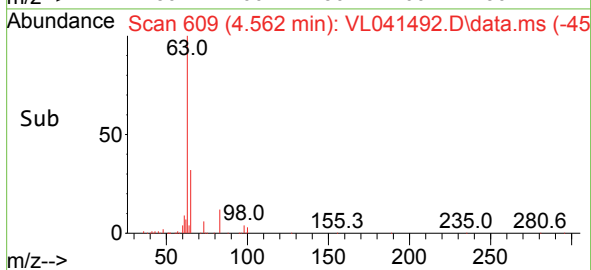
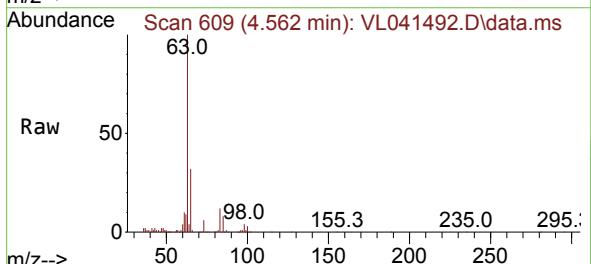
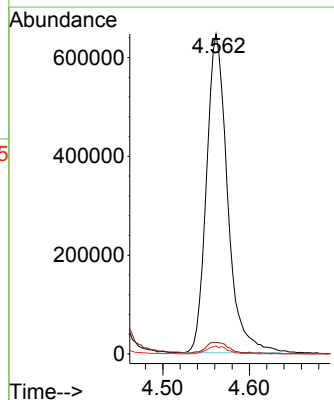
Ion	Ratio	Lower	Upper
43	100		
86	6.1	4.6	6.8
42	9.2	7.9	11.9
44	6.2	4.2	6.4

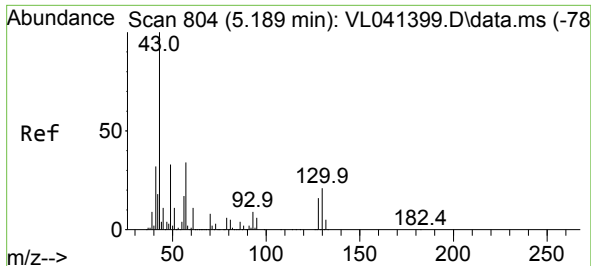


#24
 1,1-Dichloroethane
 Concen: 10.309 ppbv
 RT: 4.562 min Scan# 609
 Delta R.T. 0.000 min
 Lab File: VL041492.D
 Acq: 5 Aug 2024 8:15

Tgt Ion: 63 Resp: 1089139

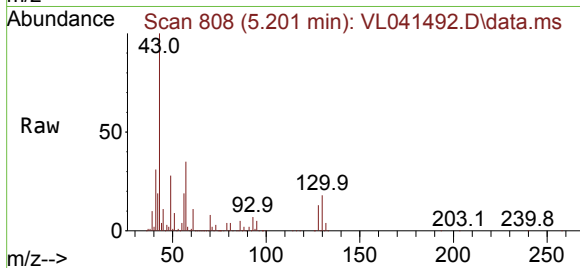
Ion	Ratio	Lower	Upper
63	100		
98	3.5	2.0	6.0
100	2.5	1.2	3.6





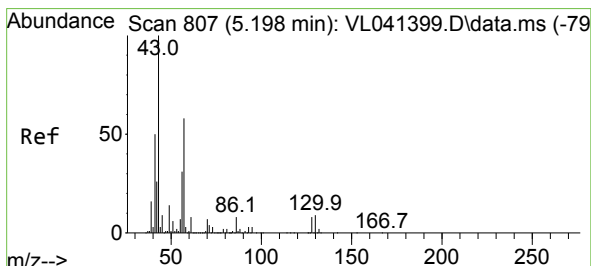
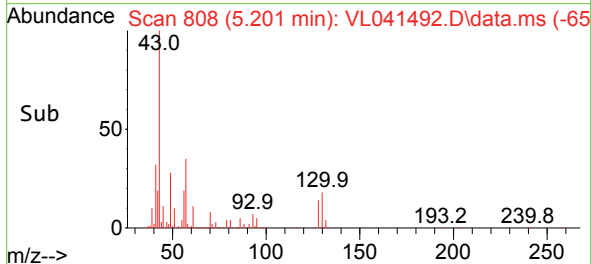
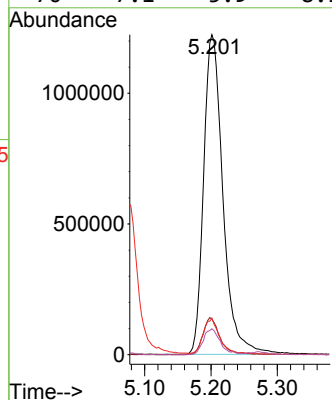
#25
Ethyl Acetate
Concen: 10.598 ppbv
RT: 5.201 min Scan# 804
Delta R.T. 0.000 min
Lab File: VL041492.D
Acq: 5 Aug 2024 8:15

Instrument :
MSVOA_L
ClientSampleId :



Tgt Ion: 43 Resp: 2473611

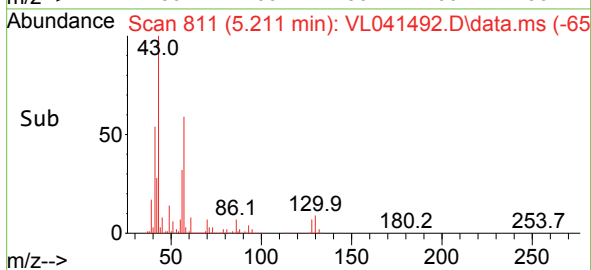
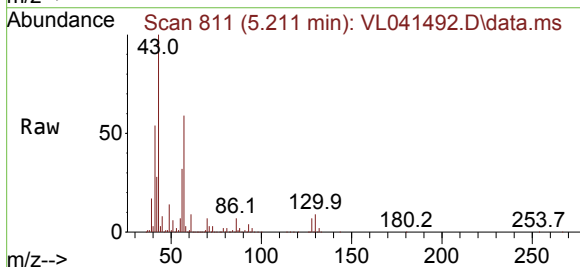
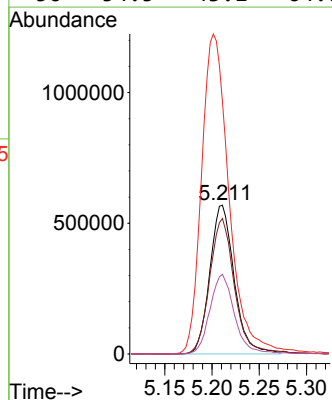
Ion	Ratio	Lower	Upper
43	100		
45	10.4	8.5	12.7
61	10.2	8.0	12.0
70	7.1	5.9	8.9

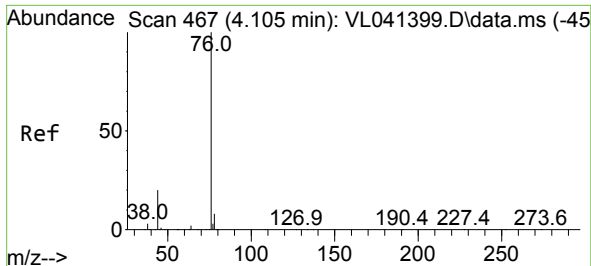


#26
Hexane
Concen: 10.533 ppbv
RT: 5.211 min Scan# 811
Delta R.T. 0.000 min
Lab File: VL041492.D
Acq: 5 Aug 2024 8:15

Tgt Ion: 57 Resp: 1019904

Ion	Ratio	Lower	Upper
57	100		
41	94.1	74.0	111.0
43	243.8	193.6	290.4
56	54.5	43.1	64.7





#27

Carbon Disulfide

Concen: 10.660 ppbv

RT: 4.124 min Scan# 41

Delta R.T. 0.000 min

Lab File: VL041492.D

Acq: 5 Aug 2024 8:15

Instrument :

MSVOA_L

ClientSampleId :

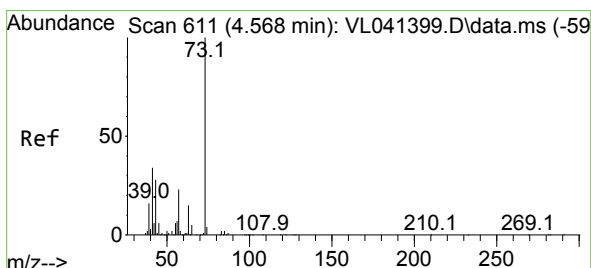
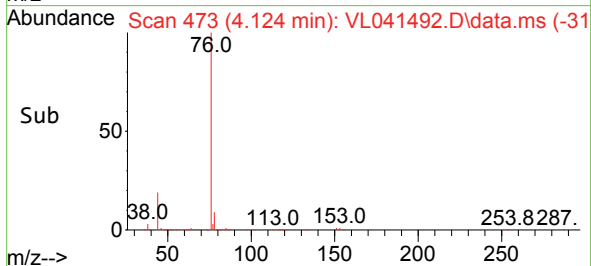
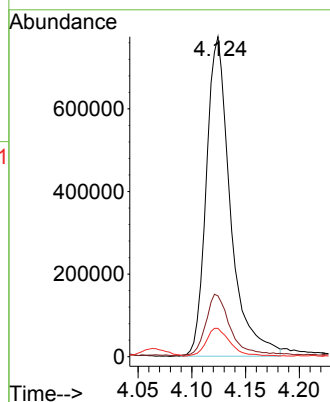
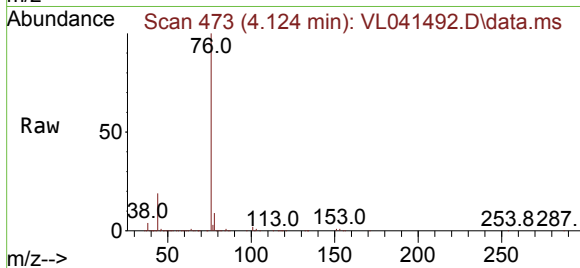
Tgt Ion: 76 Resp: 1207438

Ion Ratio Lower Upper

76 100

44 19.8 15.6 23.4

78 9.2 7.7 11.5



#28

Methyl tert-Butyl Ether

Concen: 10.321 ppbv

RT: 4.581 min Scan# 615

Delta R.T. 0.000 min

Lab File: VL041492.D

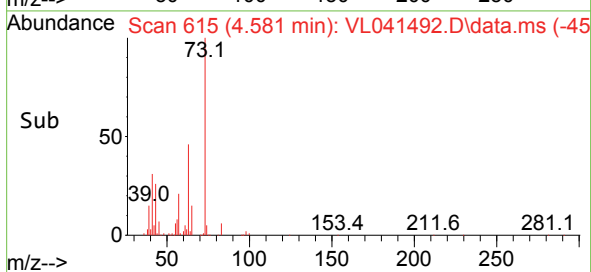
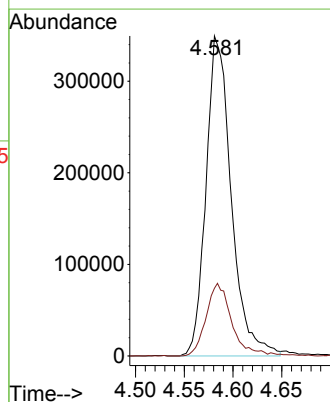
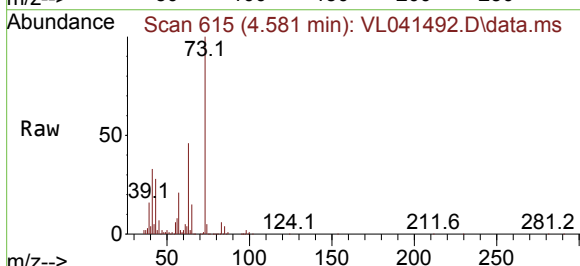
Acq: 5 Aug 2024 8:15

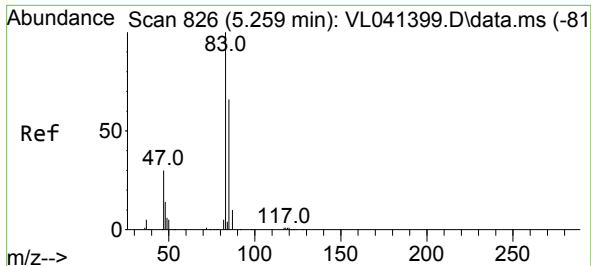
Tgt Ion: 73 Resp: 630195

Ion Ratio Lower Upper

73 100

57 23.4 18.9 28.3





#29

Chloroform

Concen: 10.173 ppbv

RT: 5.272 min Scan# 81

Delta R.T. 0.000 min

Lab File: VL041492.D

Acq: 5 Aug 2024 8:15

Instrument :

MSVOA_L

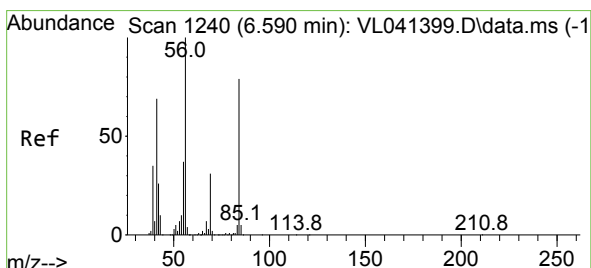
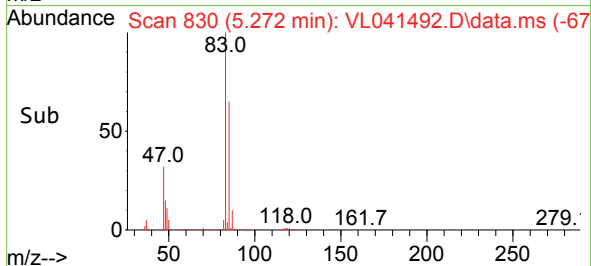
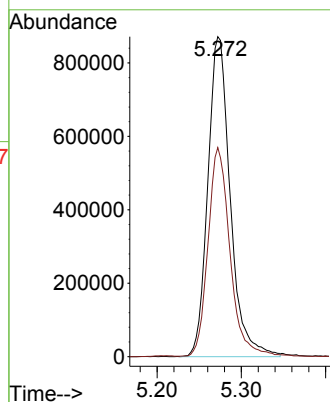
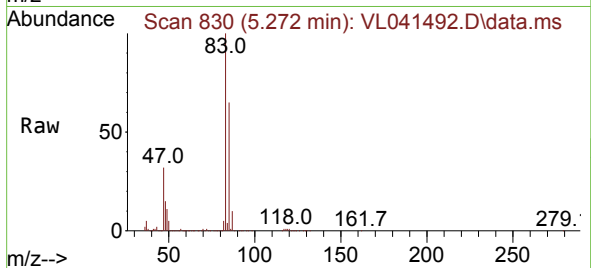
ClientSampleId :

Tgt Ion: 83 Resp: 1606698

Ion Ratio Lower Upper

83 100

85 65.2 53.1 79.7



#30

Cyclohexane

Concen: 11.342 ppbv

RT: 6.597 min Scan# 1242

Delta R.T. 0.000 min

Lab File: VL041492.D

Acq: 5 Aug 2024 8:15

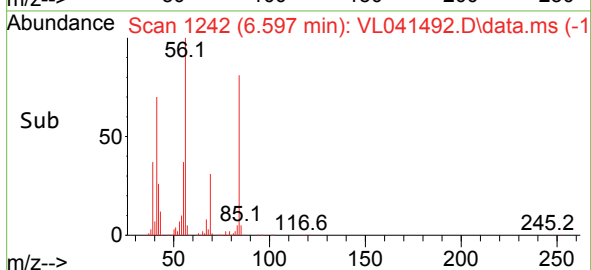
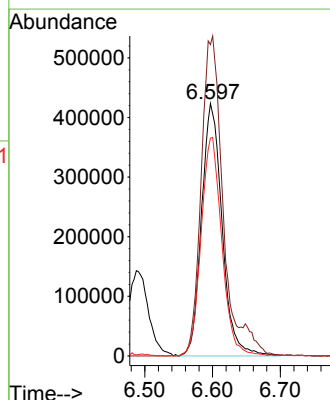
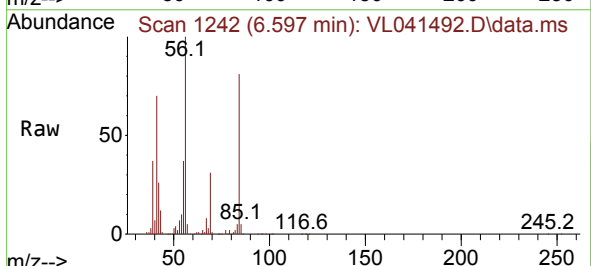
Tgt Ion: 84 Resp: 894332

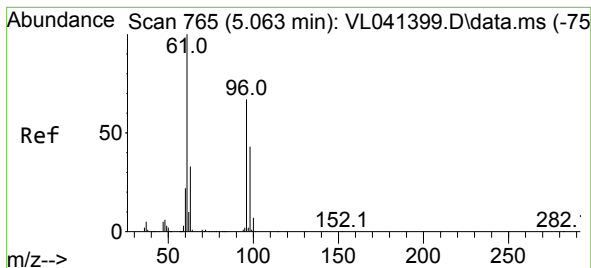
Ion Ratio Lower Upper

84 100

56 136.0 111.2 166.8

41 87.0 70.3 105.5





#31

cis-1,2-Dichloroethene

Concen: 10.659 ppbv

RT: 5.076 min Scan# 769

Delta R.T. 0.000 min

Lab File: VL041492.D

Acq: 5 Aug 2024 8:15

Instrument :

MSVOA_L

ClientSampleId :

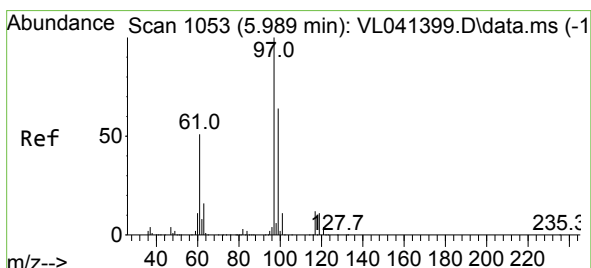
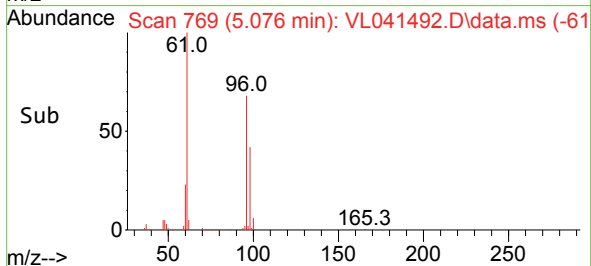
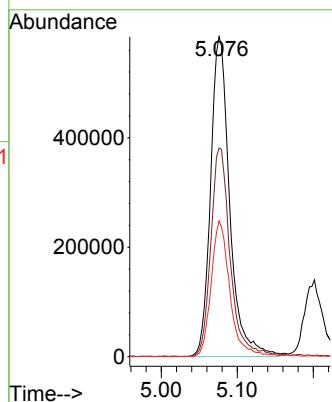
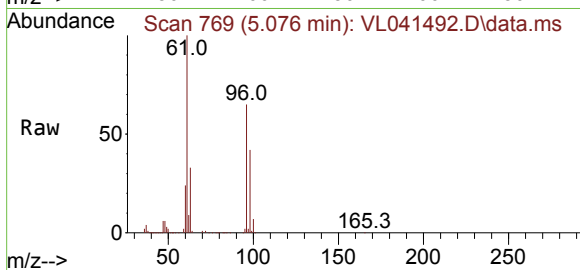
Tgt Ion: 61 Resp: 1019566

Ion Ratio Lower Upper

61 100

96 65.1 53.4 80.2

98 42.5 34.4 51.6



#32

1,1,1-Trichloroethane

Concen: 10.236 ppbv

RT: 5.999 min Scan# 1056

Delta R.T. 0.000 min

Lab File: VL041492.D

Acq: 5 Aug 2024 8:15

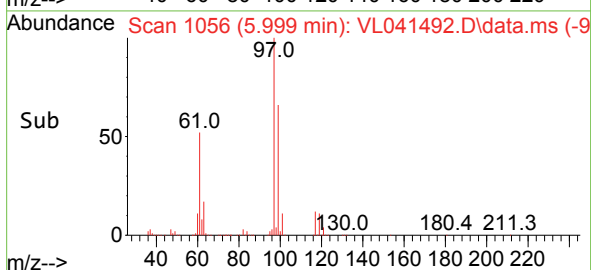
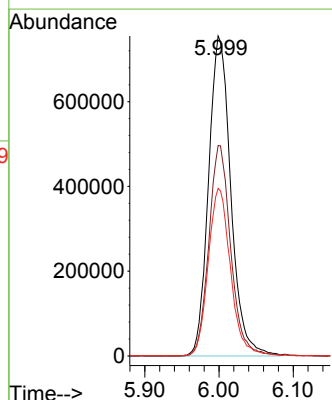
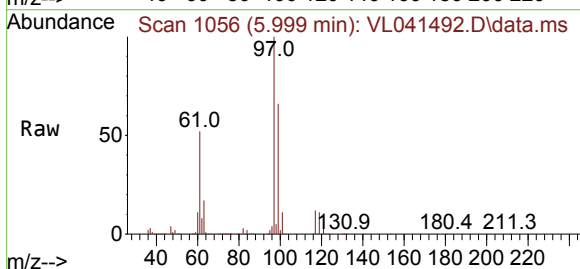
Tgt Ion: 97 Resp: 1573647

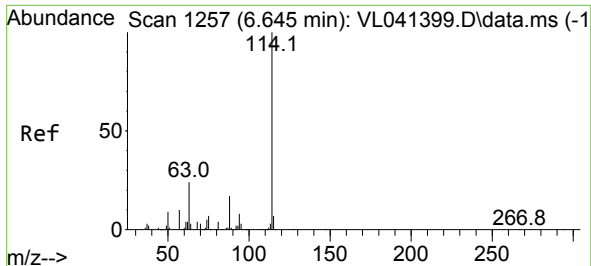
Ion Ratio Lower Upper

97 100

99 64.8 52.0 78.0

61 52.4 41.8 62.8





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.648 min Scan# 1

Delta R.T. 0.000 min

Lab File: VL041492.D

Acq: 5 Aug 2024 8:15

Instrument :

MSVOA_L

ClientSampleId :

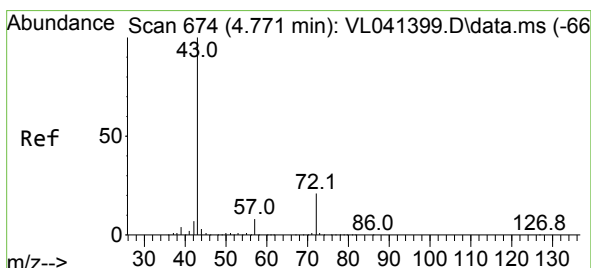
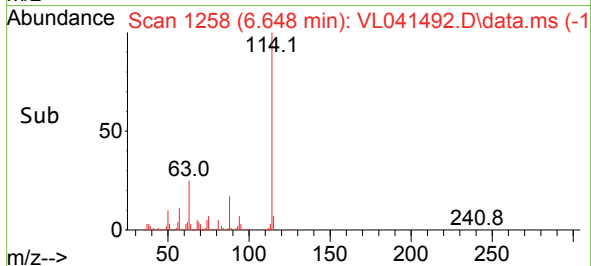
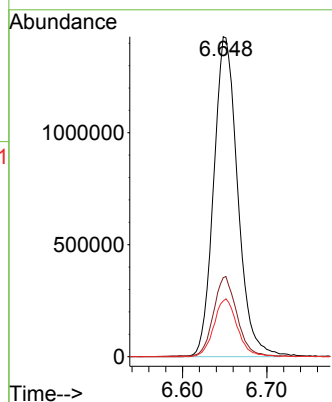
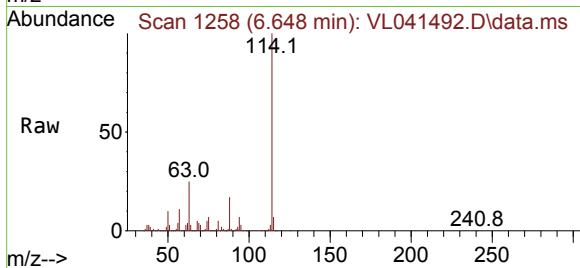
Tgt Ion:114 Resp: 2823238

Ion Ratio Lower Upper

114 100

63 25.1 20.3 30.5

88 17.8 14.3 21.5



#34

2-Butanone

Concen: 10.877 ppbv

RT: 4.783 min Scan# 678

Delta R.T. 0.000 min

Lab File: VL041492.D

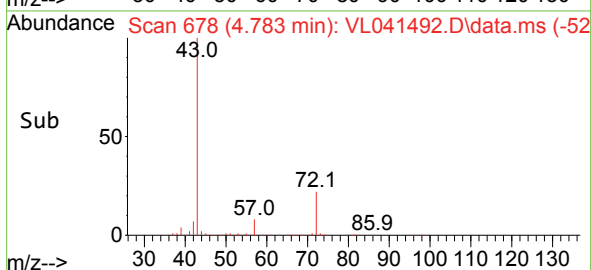
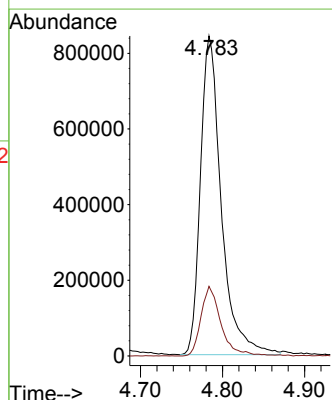
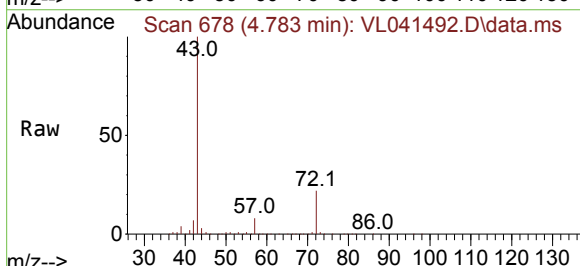
Acq: 5 Aug 2024 8:15

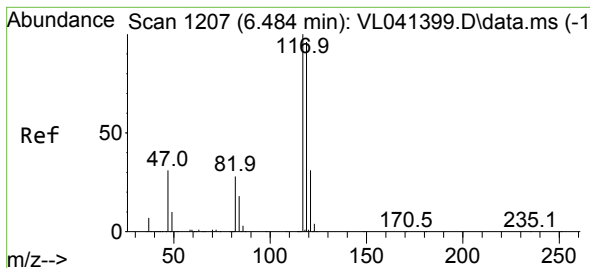
Tgt Ion: 43 Resp: 1485469

Ion Ratio Lower Upper

43 100

72 21.2 17.3 25.9





#35

Carbon Tetrachloride

Concen: 10.660 ppbv

RT: 6.491 min Scan# 1171

Delta R.T. 0.000 min

Lab File: VL041492.D

Acq: 5 Aug 2024 8:15

Instrument :

MSVOA_L

ClientSampleId :

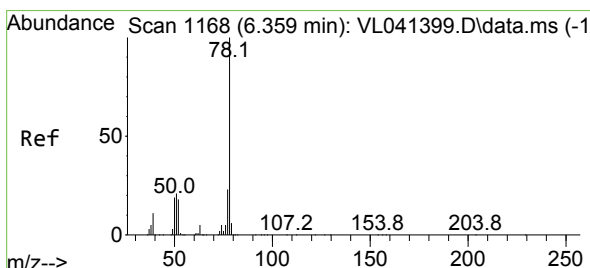
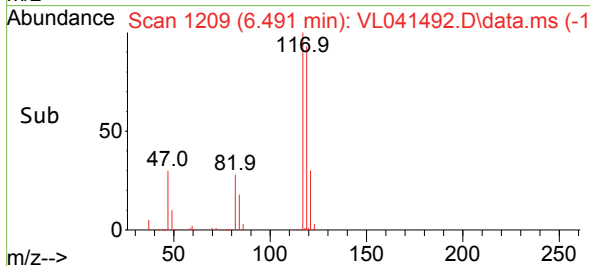
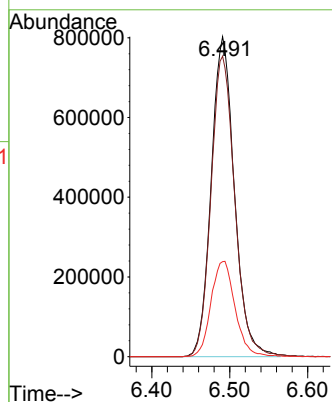
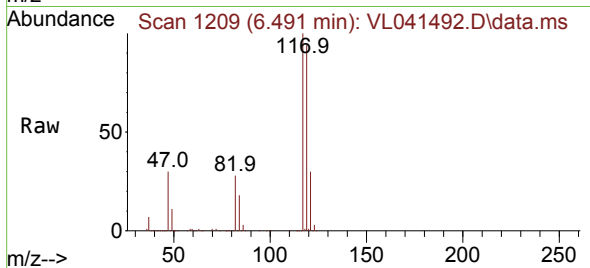
Tgt Ion:117 Resp: 1659946

Ion Ratio Lower Upper

117 100

119 93.9 76.6 115.0

121 29.7 25.1 37.7



#36

Benzene

Concen: 10.634 ppbv

RT: 6.369 min Scan# 1171

Delta R.T. 0.000 min

Lab File: VL041492.D

Acq: 5 Aug 2024 8:15

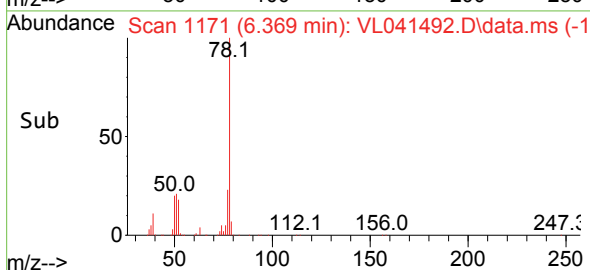
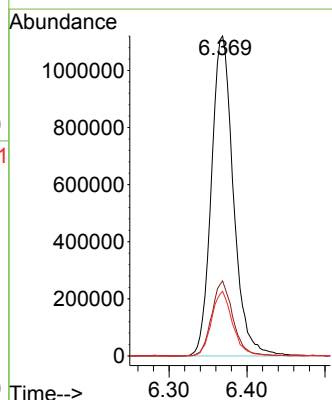
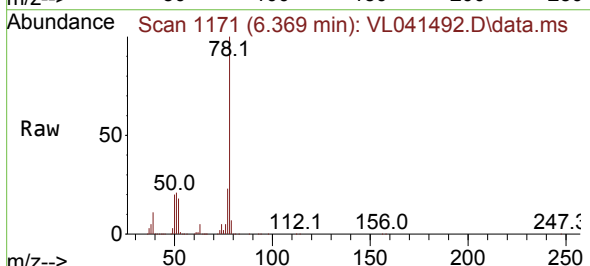
Tgt Ion: 78 Resp: 2193743

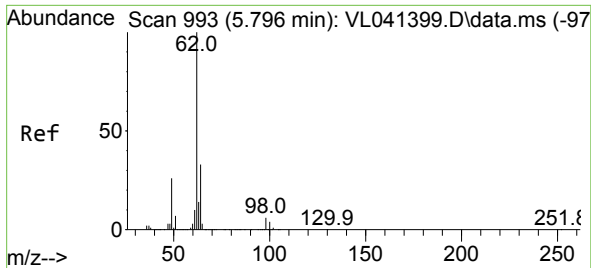
Ion Ratio Lower Upper

78 100

77 23.4 18.1 27.1

50 20.2 15.5 23.3





#37

1,2-Dichloroethane

Concen: 10.651 ppbv

RT: 5.806 min Scan# 993

Delta R.T. 0.000 min

Lab File: VL041492.D

Acq: 5 Aug 2024 8:15

Instrument :

MSVOA_L

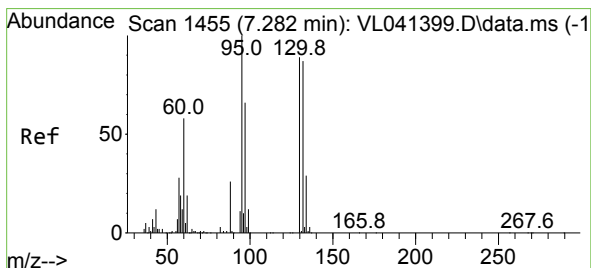
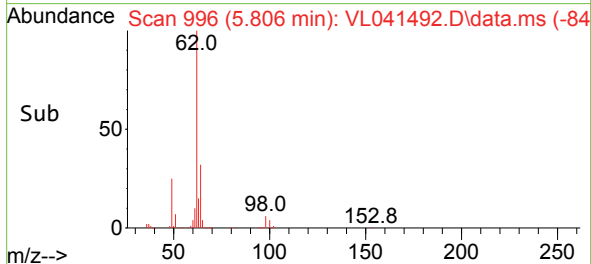
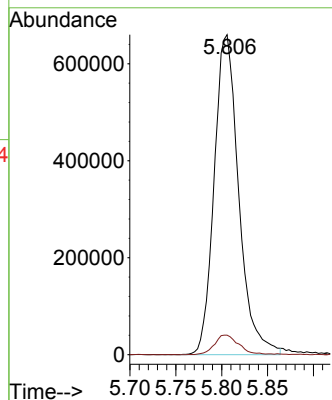
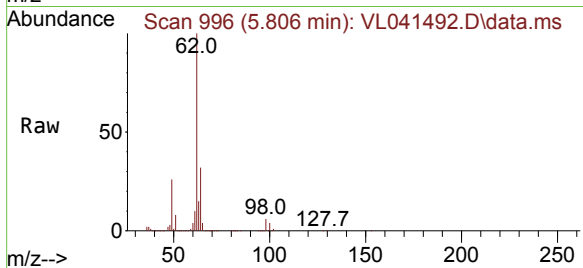
ClientSampleId :

Tgt Ion: 62 Resp: 1229718

Ion Ratio Lower Upper

62 100

98 6.3 5.0 7.4



#38

Trichloroethene

Concen: 10.496 ppbv

RT: 7.288 min Scan# 1457

Delta R.T. 0.000 min

Lab File: VL041492.D

Acq: 5 Aug 2024 8:15

Tgt Ion: 130 Resp: 991953

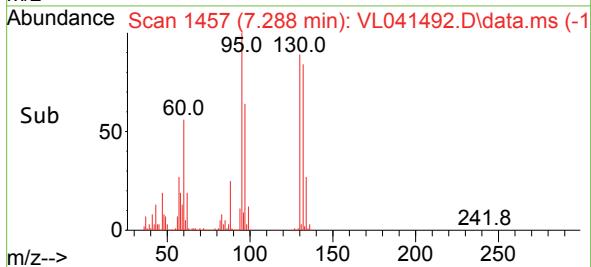
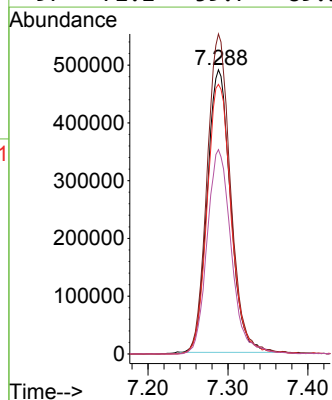
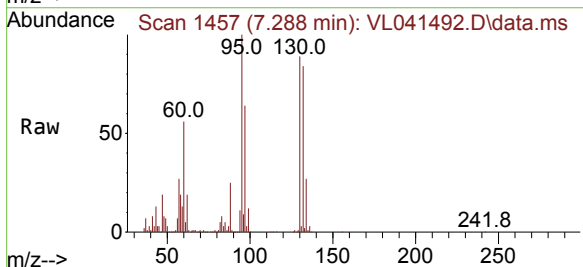
Ion Ratio Lower Upper

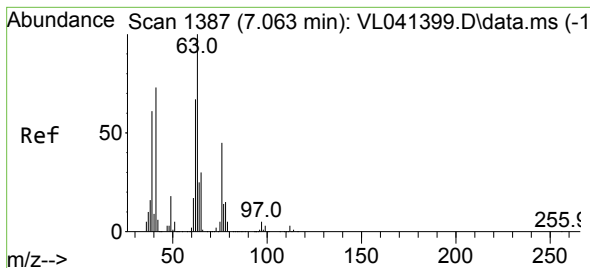
130 100

95 113.1 90.2 135.2

132 95.3 78.1 117.1

97 72.2 59.7 89.5





#39

1,2-Dichloropropane

Concen: 10.712 ppbv

RT: 7.069 min Scan# 11

Delta R.T. 0.000 min

Lab File: VL041492.D

Acq: 5 Aug 2024 8:15

Instrument :

MSVOA_L

ClientSampleId :

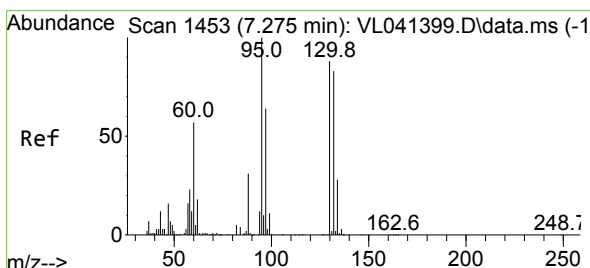
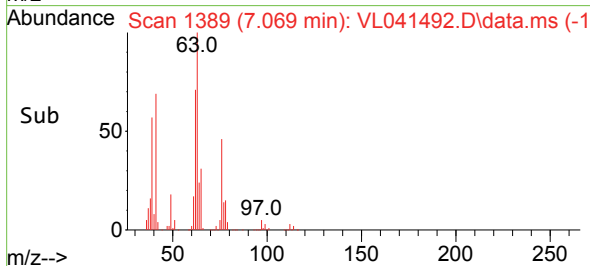
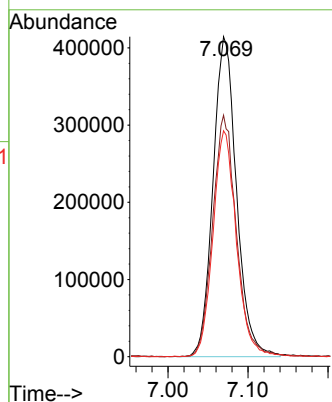
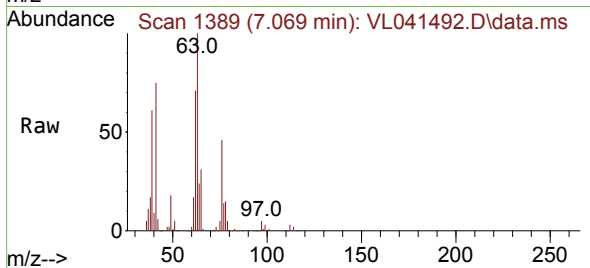
Tgt Ion: 63 Resp: 845993

Ion Ratio Lower Upper

63 100

41 75.4 58.3 87.5

62 70.6 53.9 80.9



#40

1,4-Dioxane

Concen: 10.177 ppbv

RT: 7.278 min Scan# 1454

Delta R.T. 0.000 min

Lab File: VL041492.D

Acq: 5 Aug 2024 8:15

Tgt Ion: 88 Resp: 322874

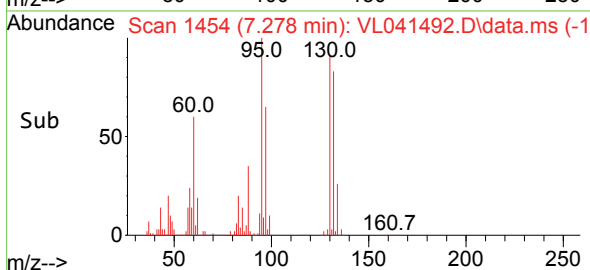
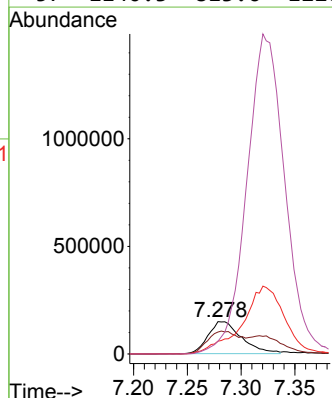
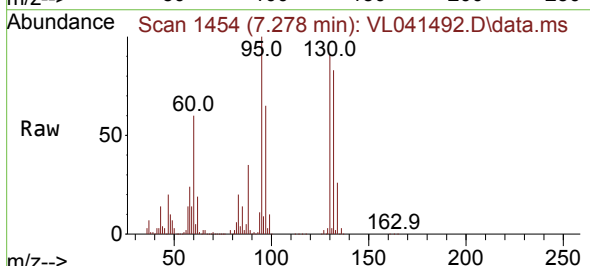
Ion Ratio Lower Upper

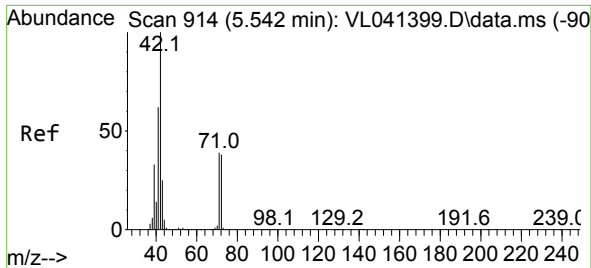
88 100

58 128.6 95.8 143.6

43 267.3 188.2 282.2

57 1140.3 813.6 1220.4





#41

Tetrahydrofuran

Concen: 11.163 ppbv

RT: 5.552 min Scan# 914

Delta R.T. 0.000 min

Lab File: VL041492.D

Acq: 5 Aug 2024 8:15

Instrument :

MSVOA_L

ClientSampleId :

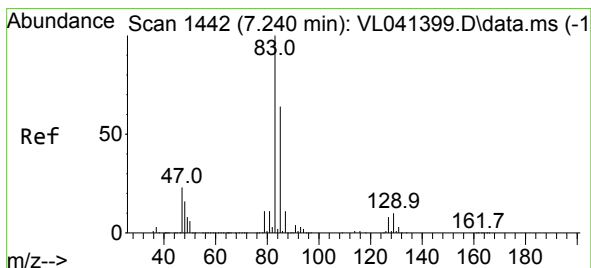
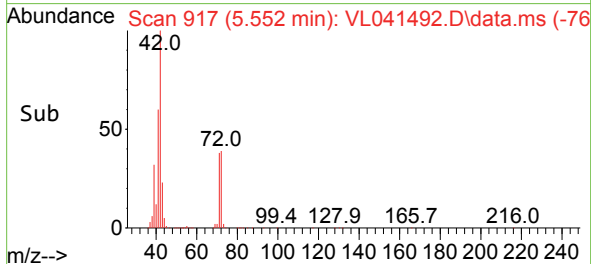
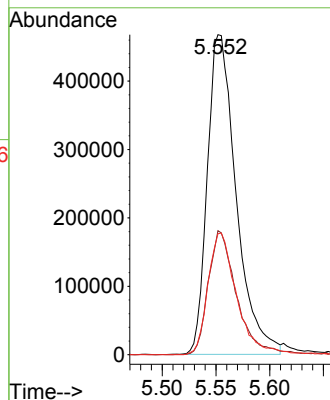
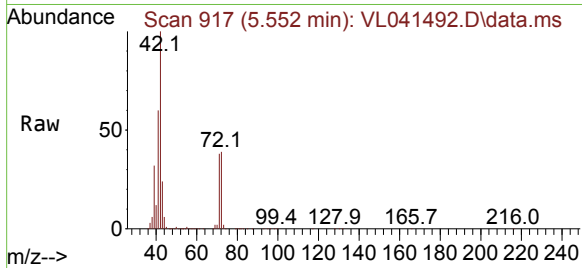
Tgt Ion: 42 Resp: 871951

Ion Ratio Lower Upper

42 100

72 38.6 31.2 46.8

71 38.3 30.5 45.7



#42

Bromodichloromethane

Concen: 10.644 ppbv

RT: 7.246 min Scan# 1444

Delta R.T. 0.000 min

Lab File: VL041492.D

Acq: 5 Aug 2024 8:15

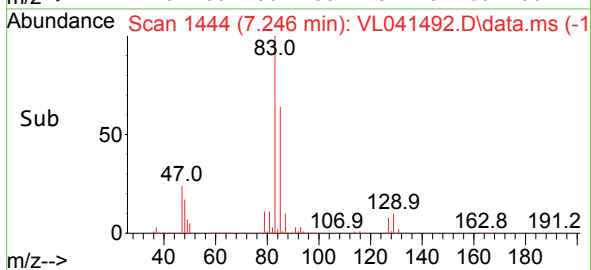
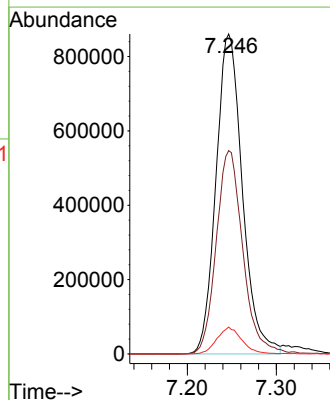
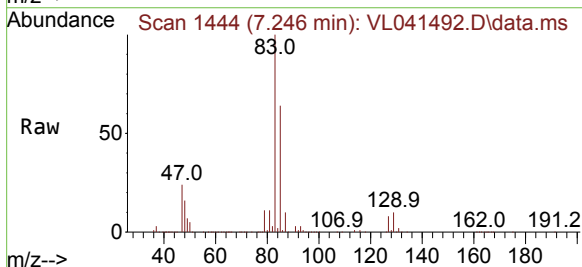
Tgt Ion: 83 Resp: 1774615

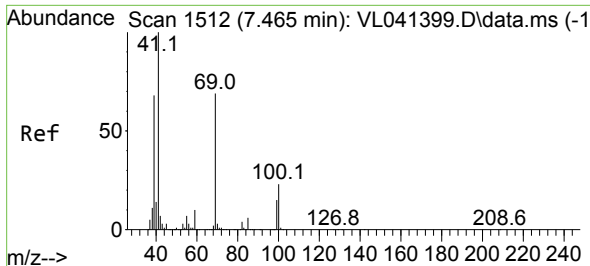
Ion Ratio Lower Upper

83 100

85 63.6 51.4 77.0

127 8.4 6.7 10.1

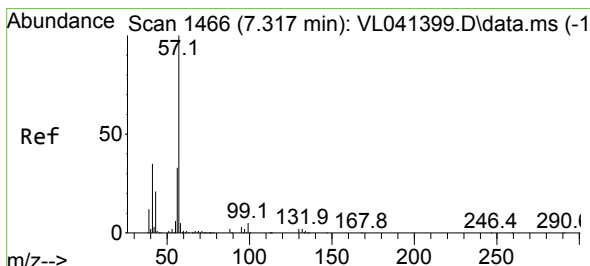
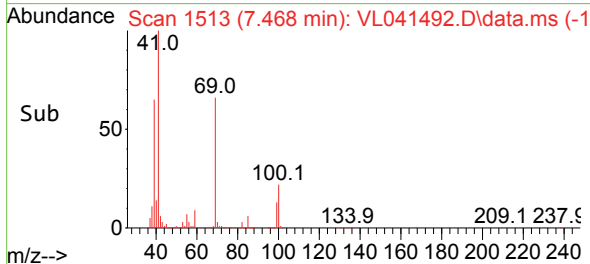
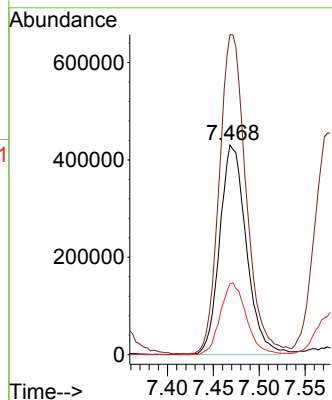
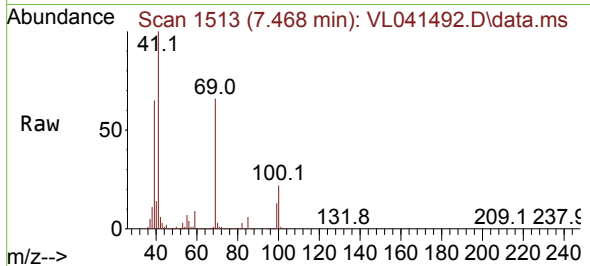




#43
Methyl Methacrylate
Concen: 11.710 ppbv
RT: 7.468 min Scan# 1513
Delta R.T. 0.000 min
Lab File: VL041492.D
Acq: 5 Aug 2024 8:15

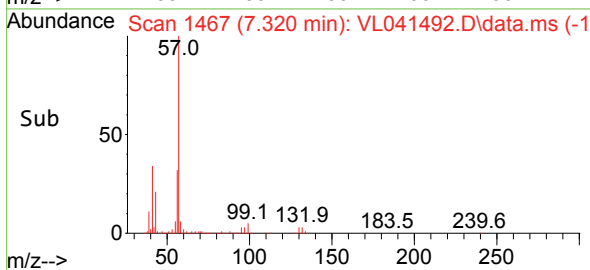
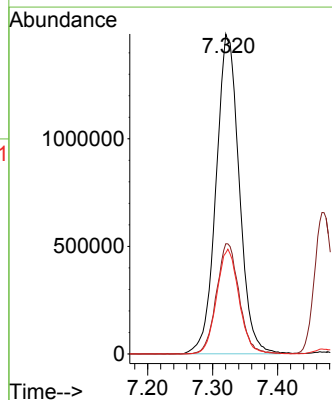
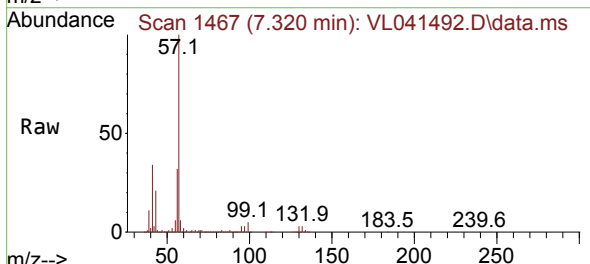
Instrument :
MSVOA_L
ClientSampleId :

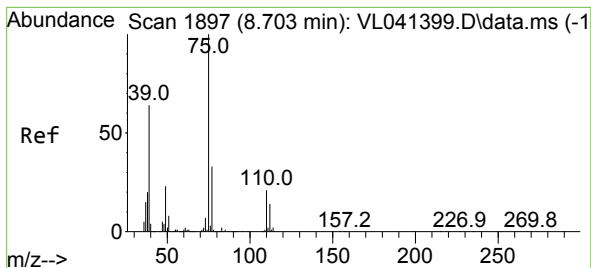
Tgt Ion: 69 Resp: 866253
Ion Ratio Lower Upper
69 100
41 154.8 118.7 178.1
100 33.7 27.0 40.4



#44
2,2,4-Trimethylpentane
Concen: 10.646 ppbv
RT: 7.320 min Scan# 1467
Delta R.T. 0.000 min
Lab File: VL041492.D
Acq: 5 Aug 2024 8:15

Tgt Ion: 57 Resp: 3668281
Ion Ratio Lower Upper
57 100
41 34.0 27.0 40.6
56 31.8 25.2 37.8





#45

t-1,3-Dichloropropene

Concen: 13.055 ppbv

RT: 8.706 min Scan# 11

Delta R.T. 0.000 min

Lab File: VL041492.D

Acq: 5 Aug 2024 8:15

Instrument :

MSVOA_L

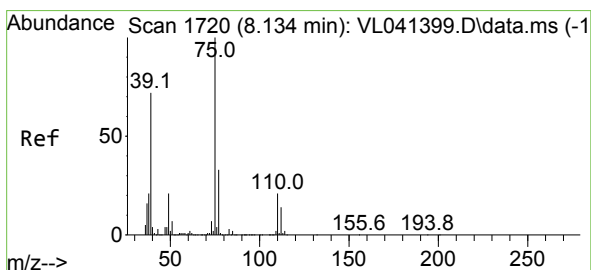
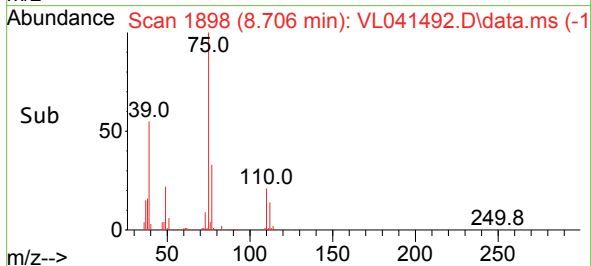
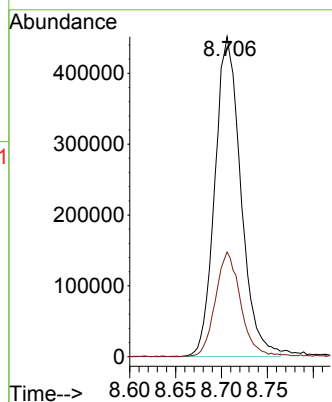
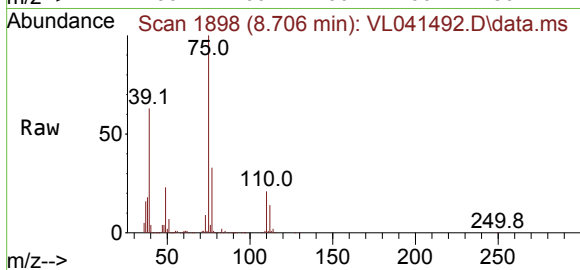
ClientSampleId :

Tgt Ion: 75 Resp: 888906

Ion Ratio Lower Upper

75 100

77 32.7 26.5 39.7



#46

cis-1,3-Dichloropropene

Concen: 12.182 ppbv

RT: 8.140 min Scan# 1722

Delta R.T. 0.000 min

Lab File: VL041492.D

Acq: 5 Aug 2024 8:15

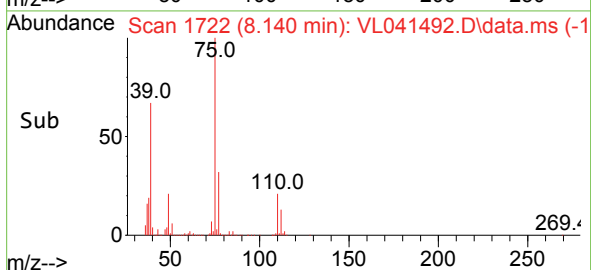
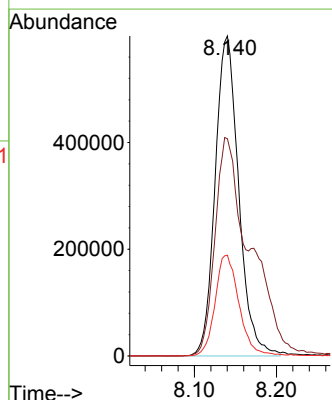
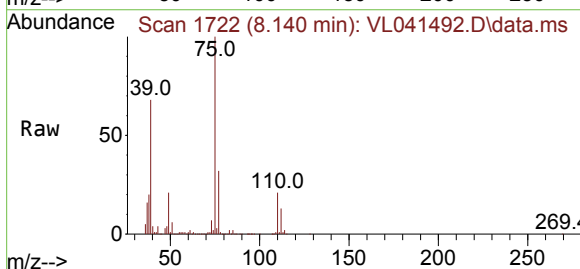
Tgt Ion: 75 Resp: 1197773

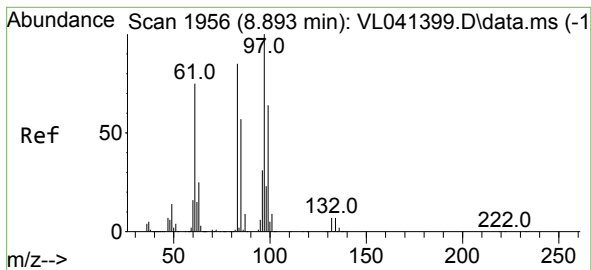
Ion Ratio Lower Upper

75 100

39 67.8 57.3 85.9

77 31.5 26.2 39.2





#47

1,1,2-Trichloroethane

Concen: 10.483 ppbv

RT: 8.893 min Scan# 1956

Delta R.T. 0.000 min

Lab File: VL041492.D

Acq: 5 Aug 2024 8:15

Instrument :

MSVOA_L

ClientSampleId :

Tgt Ion: 97 Resp: 912598

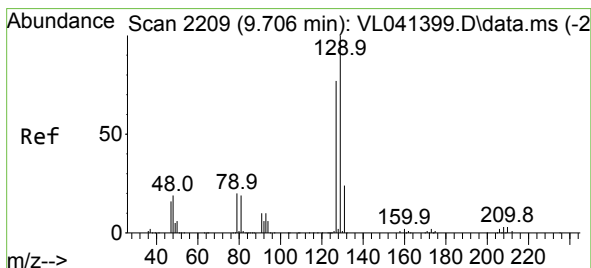
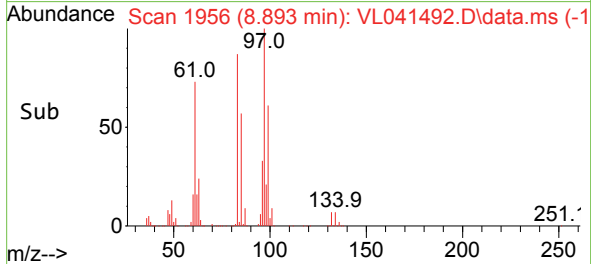
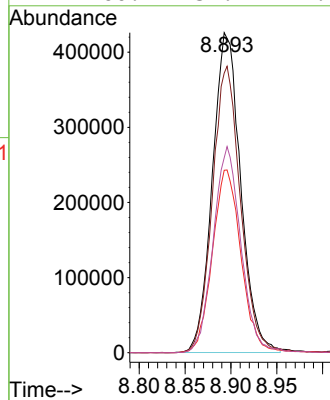
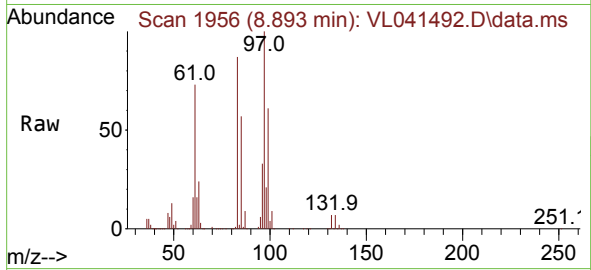
Ion Ratio Lower Upper

97 100

83 87.2 67.6 101.4

85 57.0 45.9 68.9

99 60.9 51.4 77.0



#48

Dibromochloromethane

Concen: 10.953 ppbv

RT: 9.706 min Scan# 2209

Delta R.T. 0.000 min

Lab File: VL041492.D

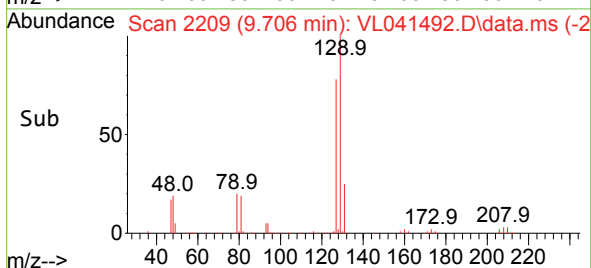
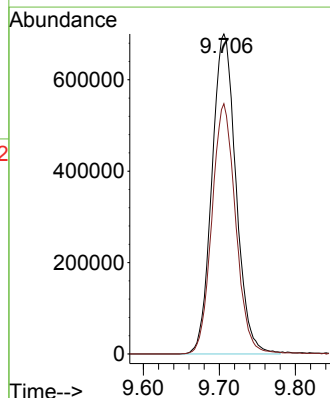
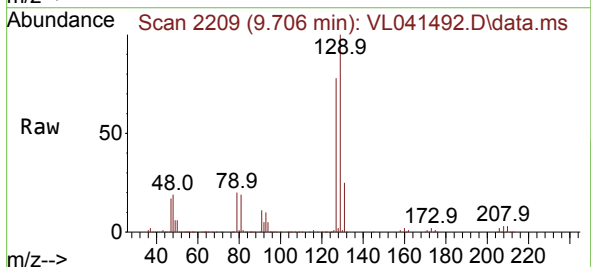
Acq: 5 Aug 2024 8:15

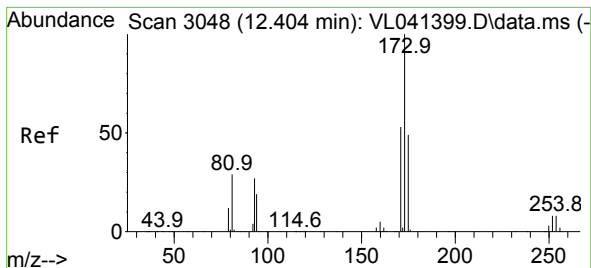
Tgt Ion: 129 Resp: 1536211

Ion Ratio Lower Upper

129 100

127 77.4 39.3 117.8





#49

Bromoform

Concen: 11.504 ppbv

RT: 12.400 min Scan# 3048

Delta R.T. 0.000 min

Lab File: VL041492.D

Acq: 5 Aug 2024 8:15

Instrument :

MSVOA_L

ClientSampleId :

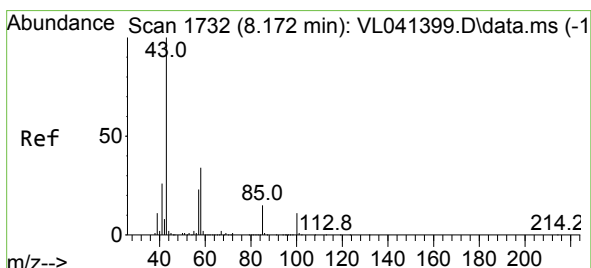
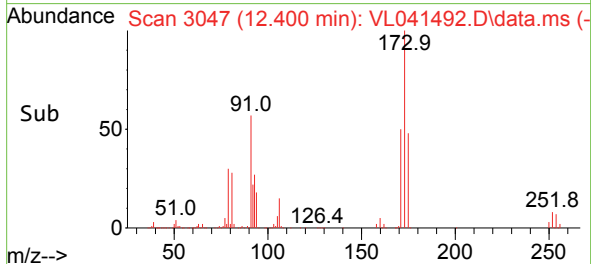
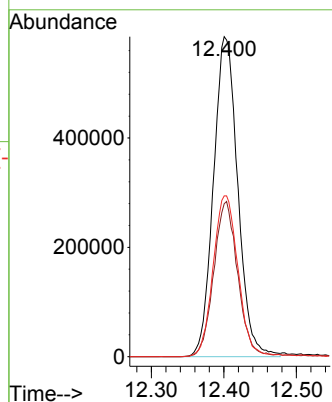
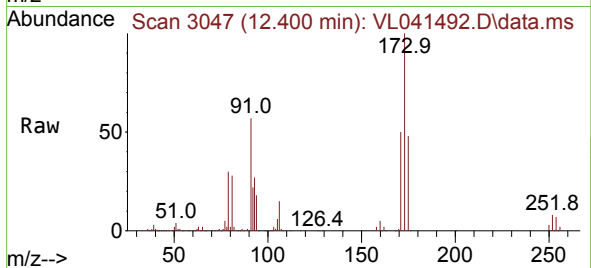
Tgt Ion:173 Resp: 1362852

Ion Ratio Lower Upper

173 100

175 48.8 39.9 59.9

171 51.7 41.7 62.5



#50

4-Methyl-2-Pentanone

Concen: 11.330 ppbv

RT: 8.176 min Scan# 1733

Delta R.T. 0.000 min

Lab File: VL041492.D

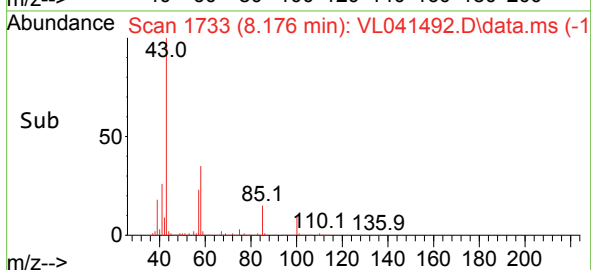
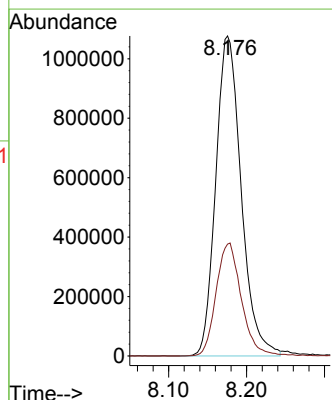
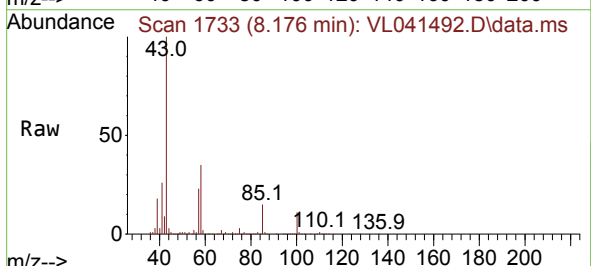
Acq: 5 Aug 2024 8:15

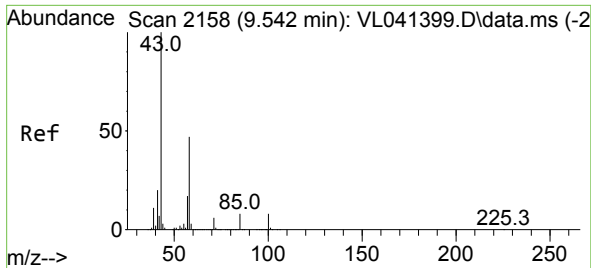
Tgt Ion: 43 Resp: 2441373

Ion Ratio Lower Upper

43 100

58 35.2 27.9 41.9

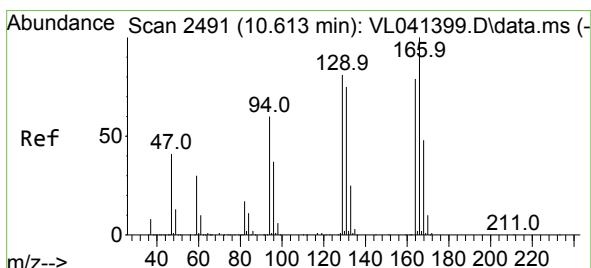
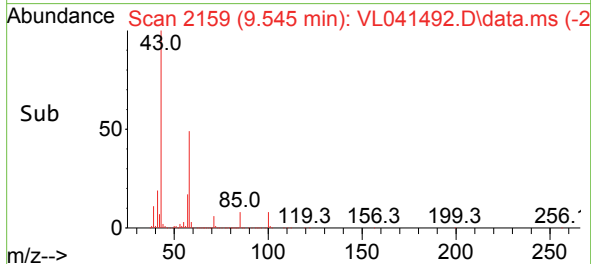
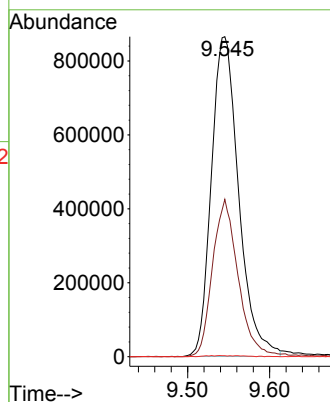
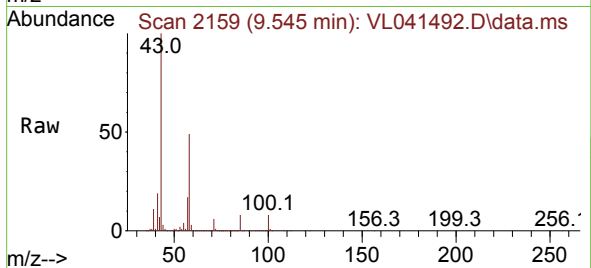




#51
2-Hexanone
Concen: 12.295 ppbv
RT: 9.545 min Scan# 2158
Delta R.T. 0.000 min
Lab File: VL041492.D
Acq: 5 Aug 2024 8:15

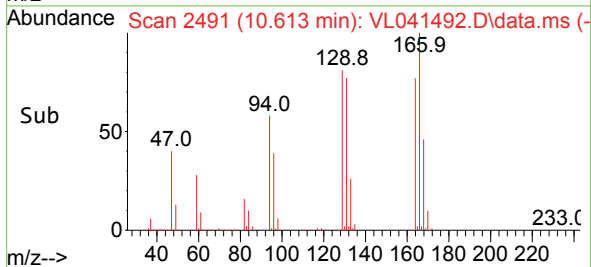
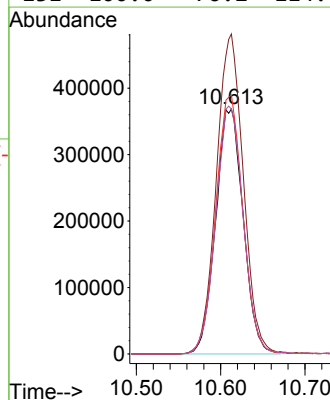
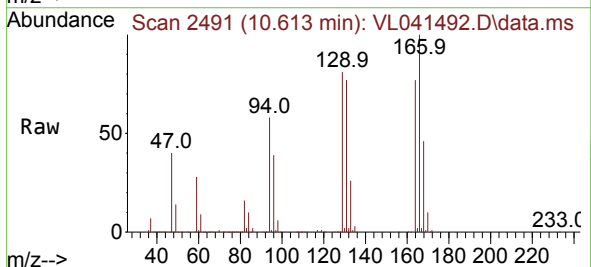
Instrument :
MSVOA_L
ClientSampleId :

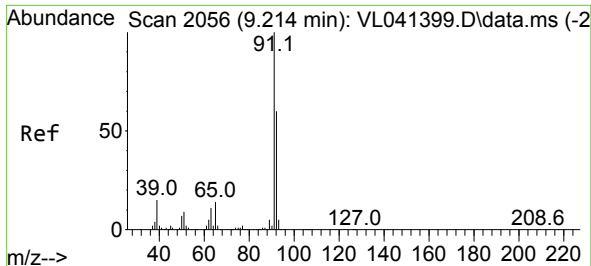
Tgt Ion: 43 Resp: 2003191
Ion Ratio Lower Upper
43 100
58 46.6 38.2 57.2
98 0.5 0.3 0.5



#52
Tetrachloroethene
Concen: 10.452 ppbv
RT: 10.613 min Scan# 2491
Delta R.T. 0.000 min
Lab File: VL041492.D
Acq: 5 Aug 2024 8:15

Tgt Ion: 164 Resp: 833142
Ion Ratio Lower Upper
164 100
166 130.6 101.1 151.7
129 105.7 81.7 122.5
131 100.0 76.2 114.4

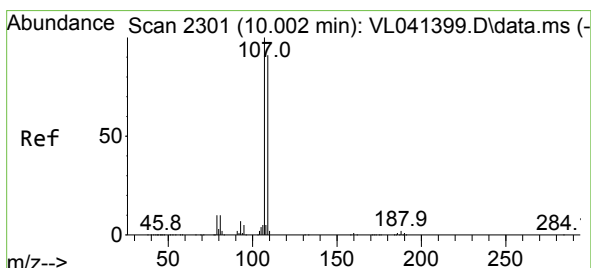
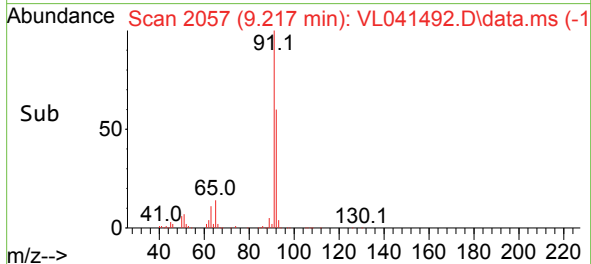
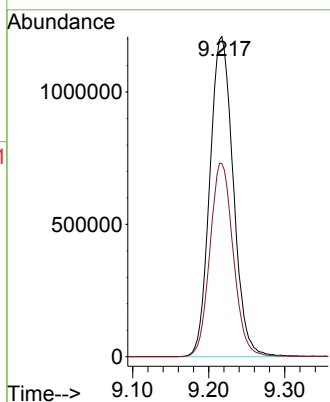
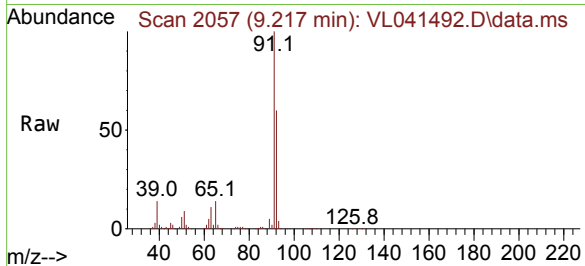




#53
Toluene
Concen: 11.246 ppbv
RT: 9.217 min Scan# 2056
Delta R.T. 0.000 min
Lab File: VL041492.D
Acq: 5 Aug 2024 8:15

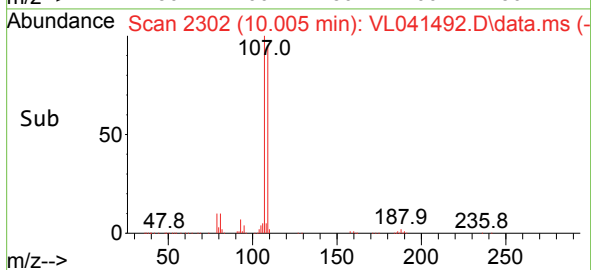
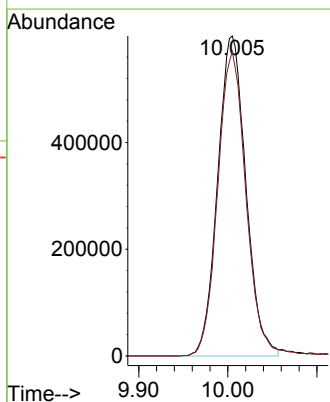
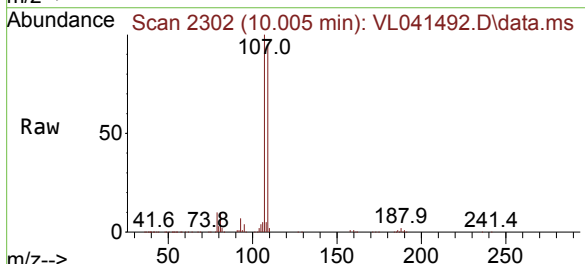
Instrument :
MSVOA_L
ClientSampleId :

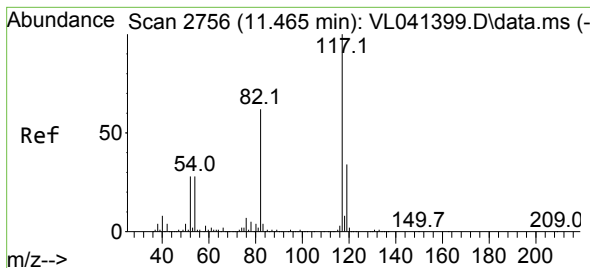
Tgt Ion: 91 Resp: 2584060
Ion Ratio Lower Upper
91 100
92 60.5 48.7 73.1



#54
1,2-Dibromoethane
Concen: 11.388 ppbv
RT: 10.005 min Scan# 2302
Delta R.T. 0.000 min
Lab File: VL041492.D
Acq: 5 Aug 2024 8:15

Tgt Ion: 107 Resp: 1319578
Ion Ratio Lower Upper
107 100
109 95.1 72.7 109.1

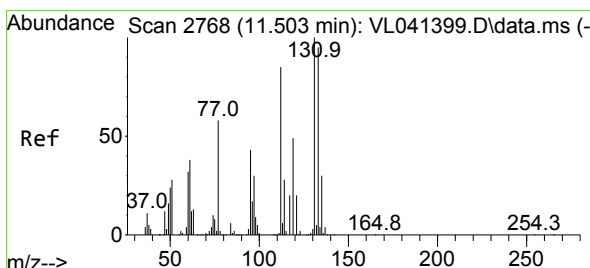
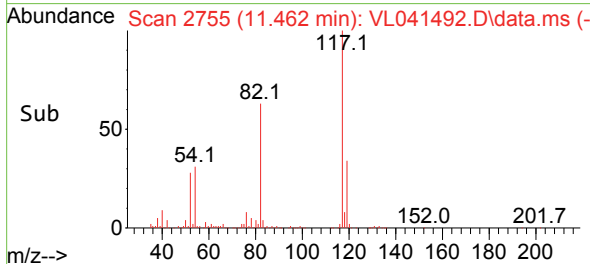
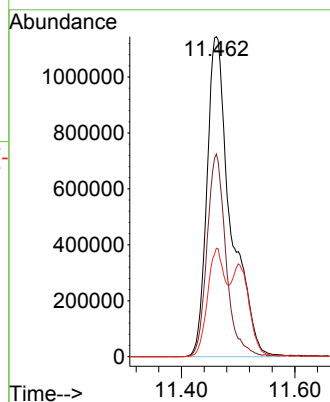
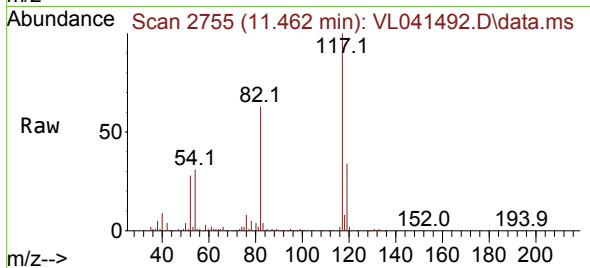




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.462 min Scan# 21
Delta R.T. 0.000 min
Lab File: VL041492.D
Acq: 5 Aug 2024 8:15

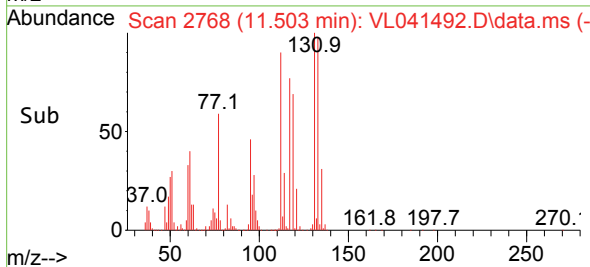
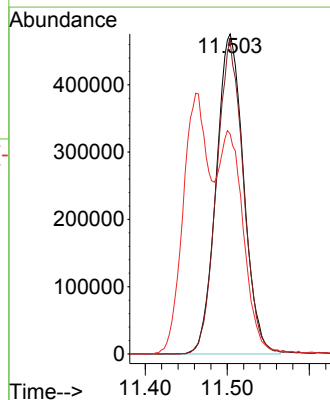
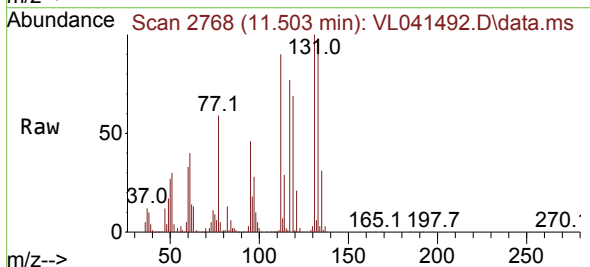
Instrument :
MSVOA_L
ClientSampleId :

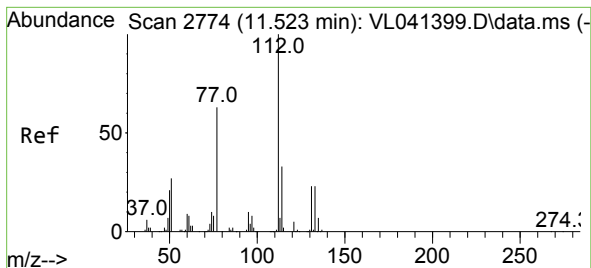
Tgt Ion:117 Resp: 3334798
Ion Ratio Lower Upper
117 100
82 51.0 51.0 76.6#
119 26.0 45.2 67.8#



#56
1,1,1,2-Tetrachloroethane
Concen: 8.534 ppbv
RT: 11.503 min Scan# 2768
Delta R.T. 0.000 min
Lab File: VL041492.D
Acq: 5 Aug 2024 8:15

Tgt Ion:131 Resp: 1103662
Ion Ratio Lower Upper
131 100
133 96.4 77.0 115.4
119 60.1 121.5 182.3#





#57

Chlorobenzene

Concen: 8.452 ppbv

RT: 11.519 min Scan# 21

Delta R.T. 0.000 min

Lab File: VL041492.D

Acq: 5 Aug 2024 8:15

Instrument :

MSVOA_L

ClientSampleId :

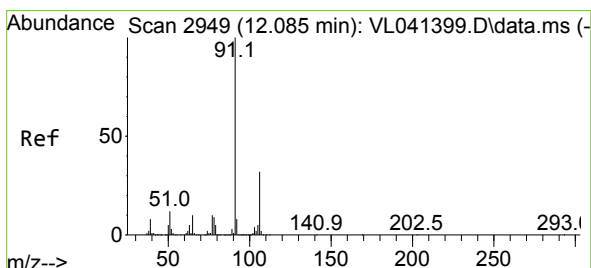
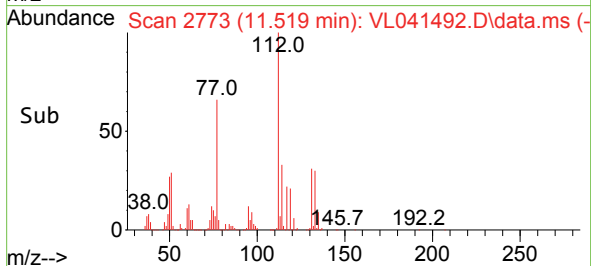
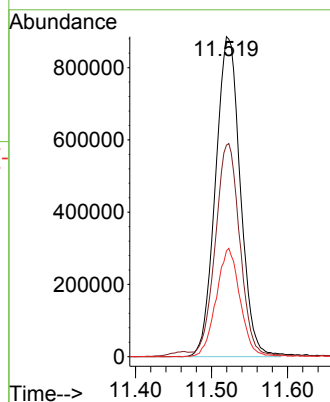
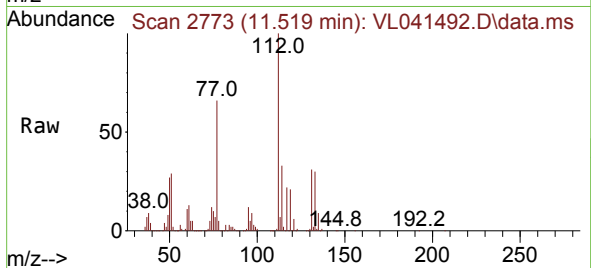
Tgt Ion:112 Resp: 2006819

Ion Ratio Lower Upper

112 100

77 65.5 51.1 76.7

114 33.0 29.5 36.1



#58

Ethyl Benzene

Concen: 9.059 ppbv

RT: 12.085 min Scan# 2949

Delta R.T. 0.000 min

Lab File: VL041492.D

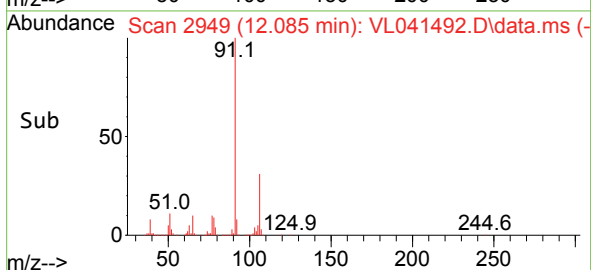
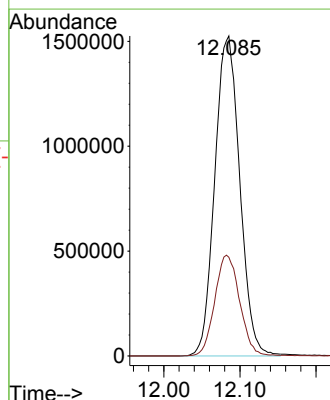
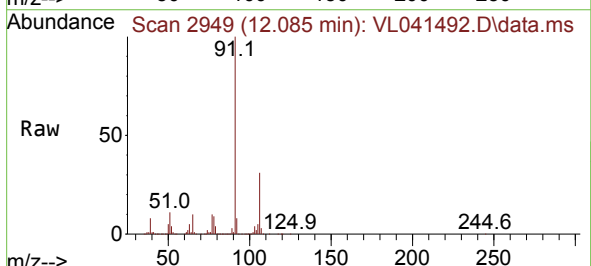
Acq: 5 Aug 2024 8:15

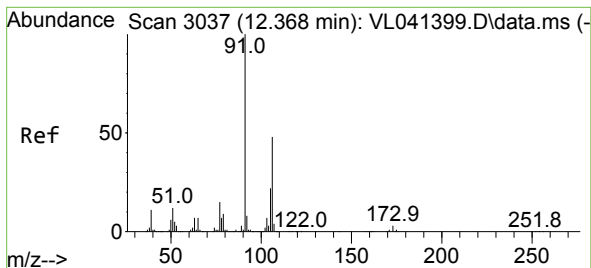
Tgt Ion: 91 Resp: 3481919

Ion Ratio Lower Upper

91 100

106 30.8 25.8 38.8

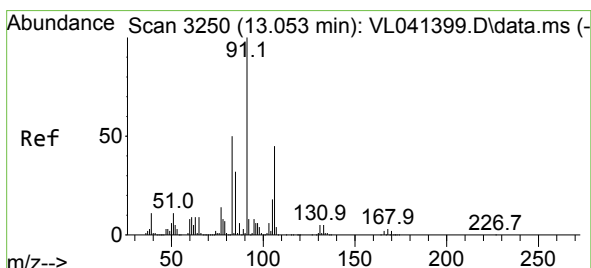
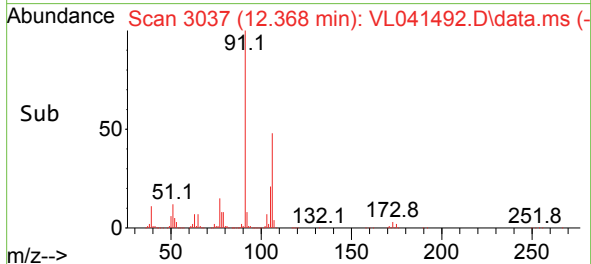
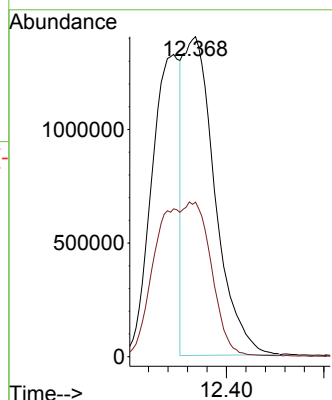
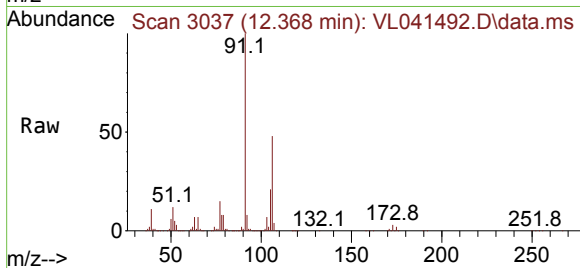




#59
m/p-Xylene
Concen: 9.547 ppbv
RT: 12.368 min Scan# 3037
Delta R.T. 0.000 min
Lab File: VL041492.D
Acq: 5 Aug 2024 8:15

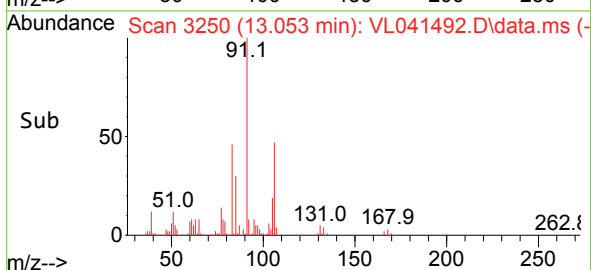
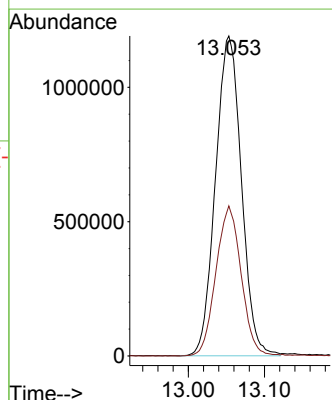
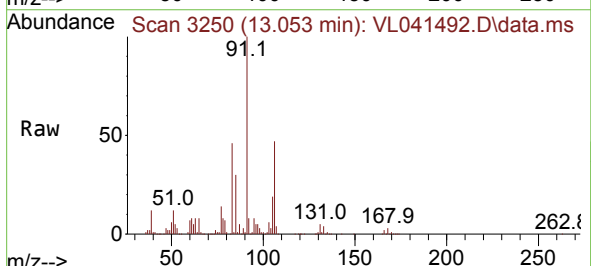
Instrument :
MSVOA_L
ClientSampleId :

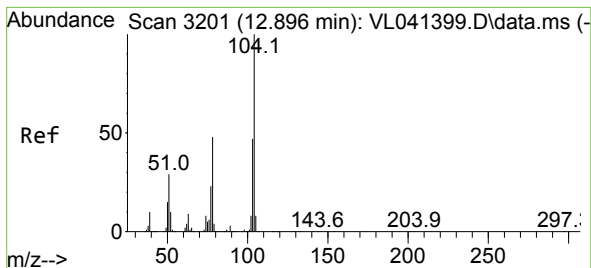
Tgt Ion: 91 Resp: 3167878
Ion Ratio Lower Upper
91 100
106 85.1 36.3 54.5#



#60
o-Xylene
Concen: 8.975 ppbv
RT: 13.053 min Scan# 3250
Delta R.T. 0.000 min
Lab File: VL041492.D
Acq: 5 Aug 2024 8:15

Tgt Ion: 91 Resp: 2816993
Ion Ratio Lower Upper
91 100
106 46.1 23.1 69.3





#61

Styrene

Concen: 9.871 ppbv

RT: 12.892 min Scan# 31

Delta R.T. 0.000 min

Lab File: VL041492.D

Acq: 5 Aug 2024 8:15

Instrument :

MSVOA_L

ClientSampleId :

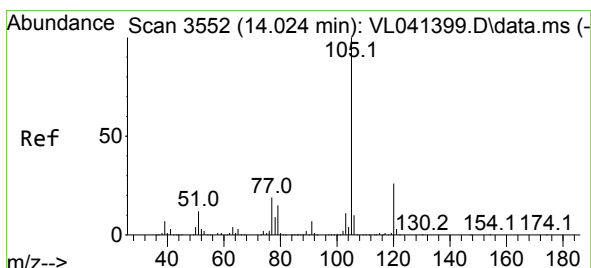
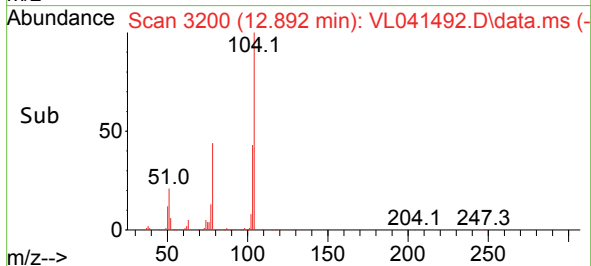
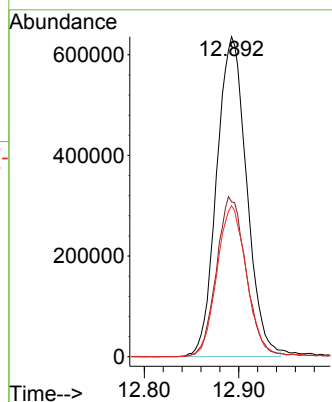
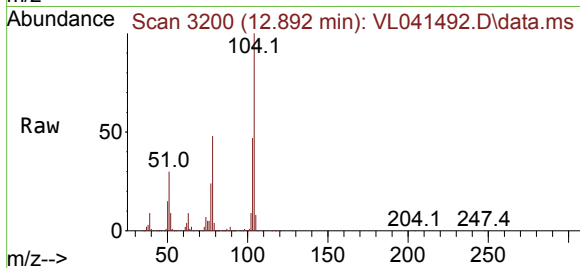
Tgt Ion:104 Resp: 1397860

Ion Ratio Lower Upper

104 100

78 50.0 40.8 61.2

103 47.4 38.2 57.4



#62

Isopropylbenzene

Concen: 8.641 ppbv

RT: 14.021 min Scan# 3551

Delta R.T. 0.000 min

Lab File: VL041492.D

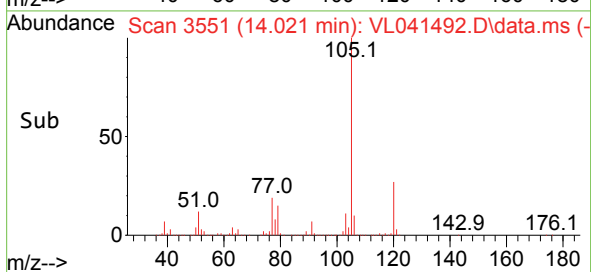
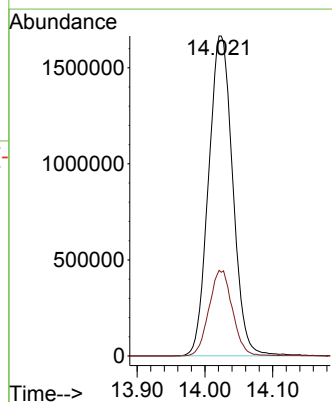
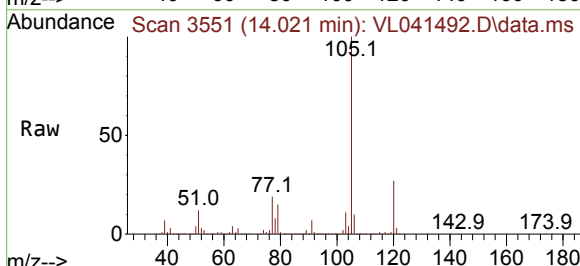
Acq: 5 Aug 2024 8:15

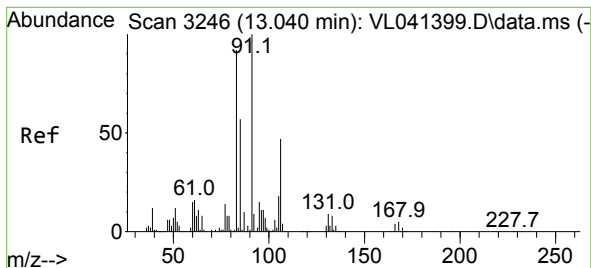
Tgt Ion:105 Resp: 4123045

Ion Ratio Lower Upper

105 100

120 26.2 21.0 31.4

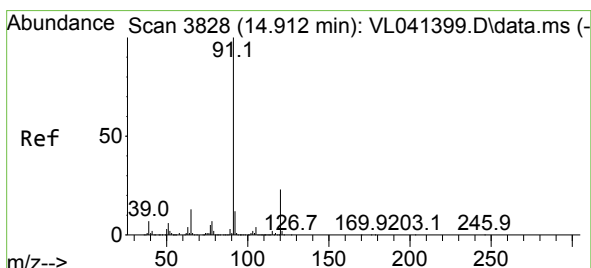
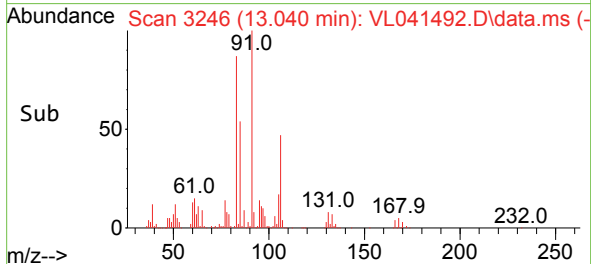
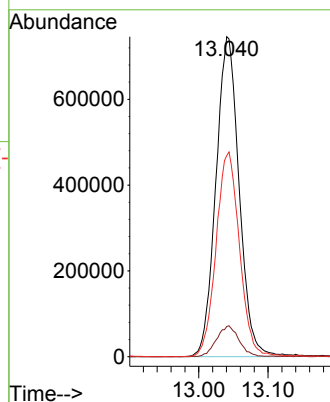
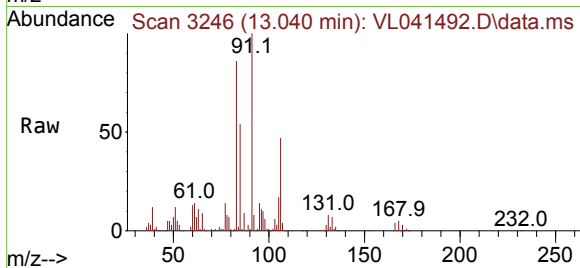




#63
1,1,2,2-Tetrachloroethane
Concen: 8.750 ppbv
RT: 13.040 min Scan# 31
Delta R.T. 0.000 min
Lab File: VL041492.D
Acq: 5 Aug 2024 8:15

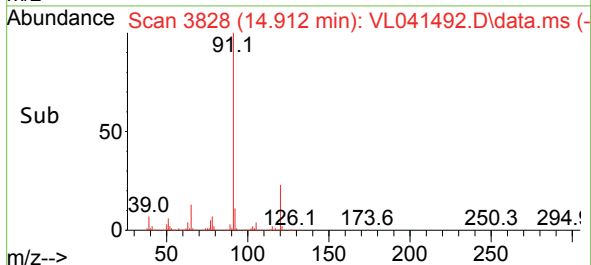
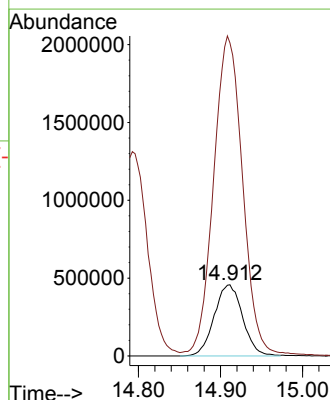
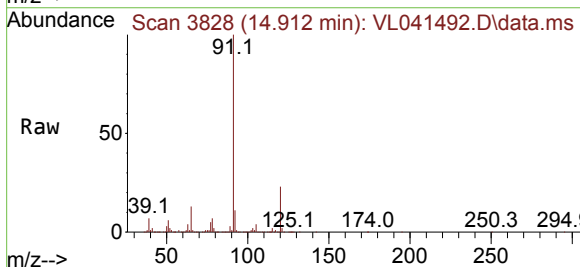
Instrument :
MSVOA_L
ClientSampleId :

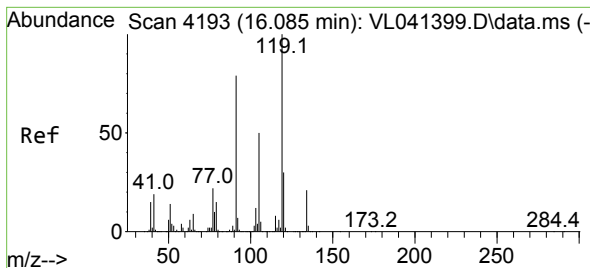
Tgt Ion: 83 Resp: 1734357
Ion Ratio Lower Upper
83 100
131 9.5 4.8 14.4
85 65.0 32.6 98.0



#64
n-propylbenzene
Concen: 8.842 ppbv
RT: 14.912 min Scan# 3828
Delta R.T. 0.000 min
Lab File: VL041492.D
Acq: 5 Aug 2024 8:15

Tgt Ion: 120 Resp: 1103072
Ion Ratio Lower Upper
120 100
91 460.8 361.4 542.0





#65

tert-Butylbenzene

Concen: 8.595 ppbv

RT: 16.082 min Scan# 41

Delta R.T. 0.000 min

Lab File: VL041492.D

Acq: 5 Aug 2024 8:15

Instrument :

MSVOA_L

ClientSampleId :

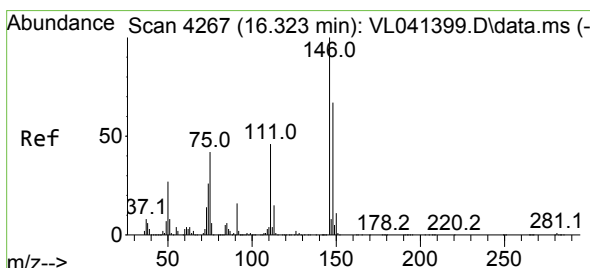
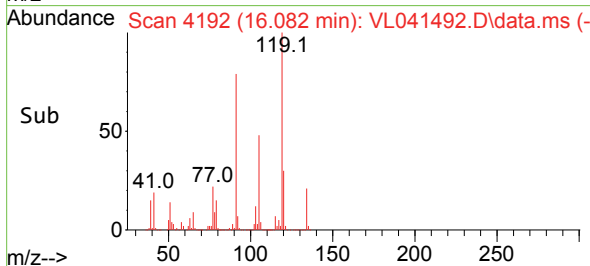
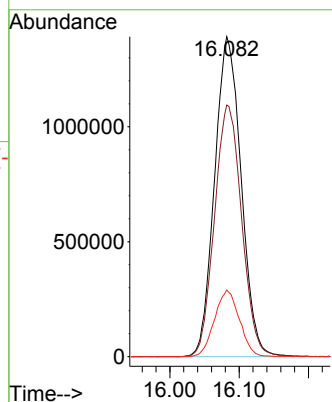
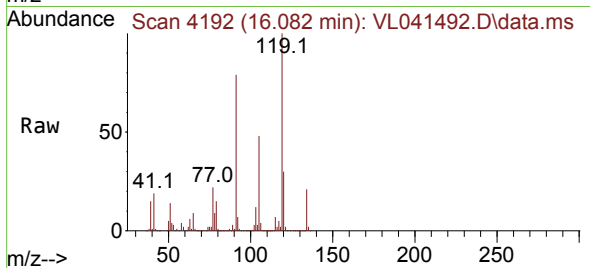
Tgt Ion:119 Resp: 3704329

Ion Ratio Lower Upper

119 100

91 80.5 64.2 96.2

134 19.6 15.7 23.5



#66

Benzyl Chloride

Concen: 10.450 ppbv

RT: 16.320 min Scan# 4266

Delta R.T. 0.000 min

Lab File: VL041492.D

Acq: 5 Aug 2024 8:15

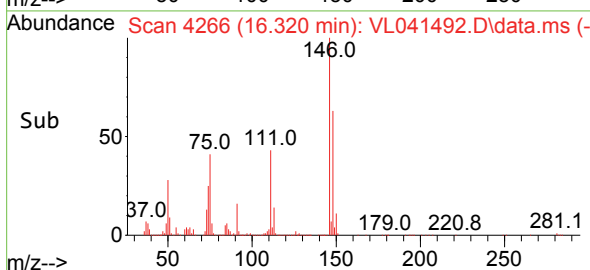
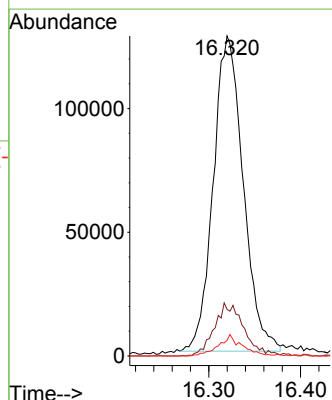
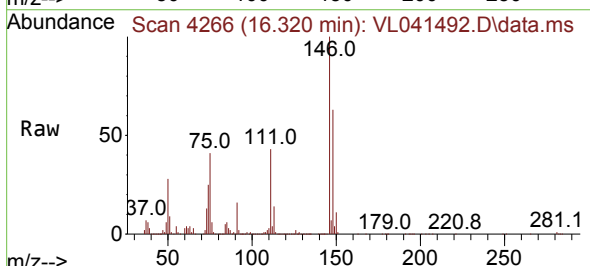
Tgt Ion: 91 Resp: 288869

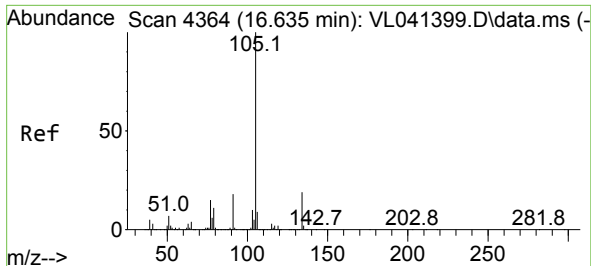
Ion Ratio Lower Upper

91 100

126 16.9 13.8 20.8

128 5.5 4.4 6.6

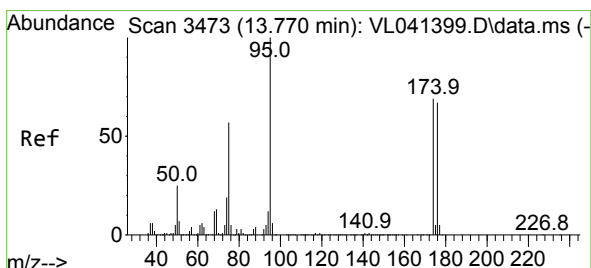
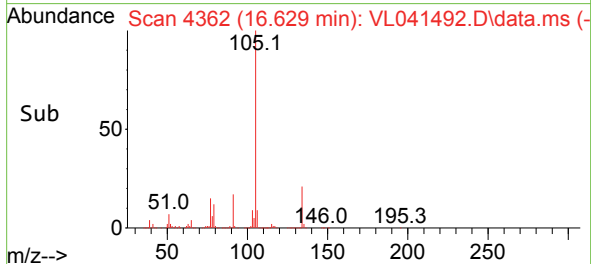
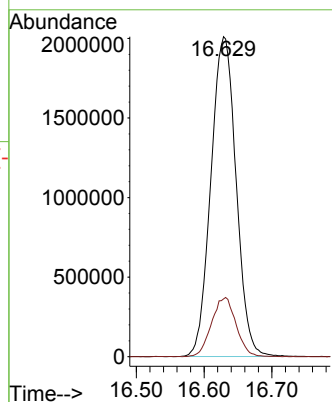
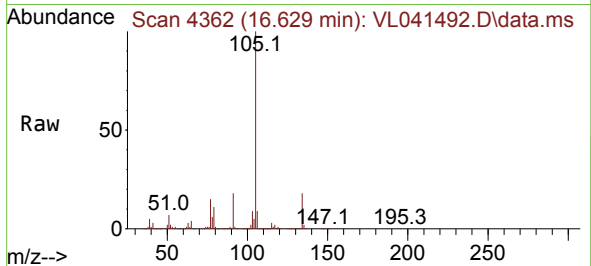




#67
 sec-Butylbenzene
 Concen: 8.731 ppbv
 RT: 16.629 min Scan# 41
 Delta R.T. 0.000 min
 Lab File: VL041492.D
 Acq: 5 Aug 2024 8:15

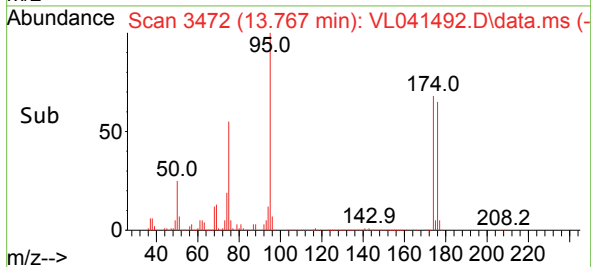
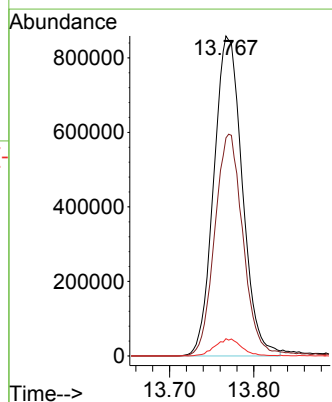
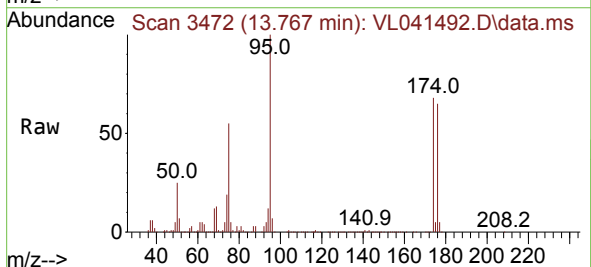
Instrument :
 MSVOA_L
 ClientSampleId :

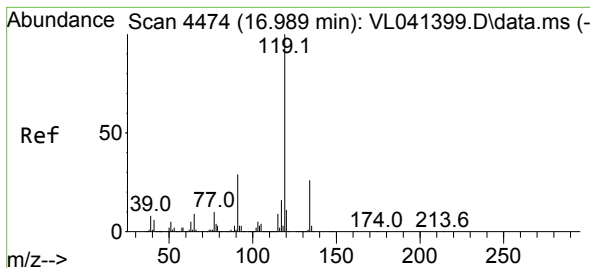
Tgt Ion:105 Resp: 5184615
 Ion Ratio Lower Upper
 105 100
 134 18.1 14.5 21.7



#68
 1-Bromo-4-Fluorobenzene
 Concen: 7.852 ppbv
 RT: 13.767 min Scan# 3472
 Delta R.T. 0.000 min
 Lab File: VL041492.D
 Acq: 5 Aug 2024 8:15

Tgt Ion: 95 Resp: 2015007
 Ion Ratio Lower Upper
 95 100
 174 69.9 56.3 84.5
 175 5.1 4.0 6.0





#69

p-Isopropyltoluene

Concen: 8.844 ppbv

RT: 16.989 min Scan# 4474

Delta R.T. 0.000 min

Lab File: VL041492.D

Acq: 5 Aug 2024 8:15

Instrument :

MSVOA_L

ClientSampleId :

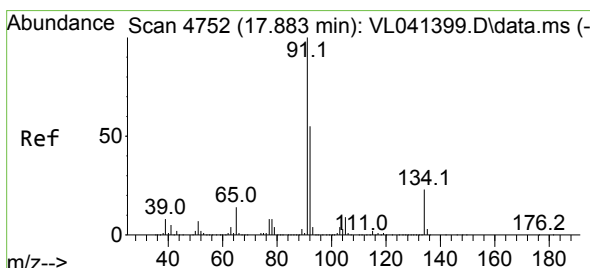
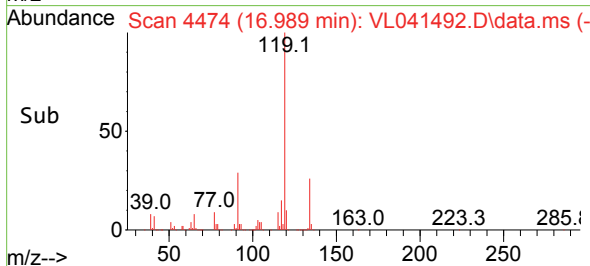
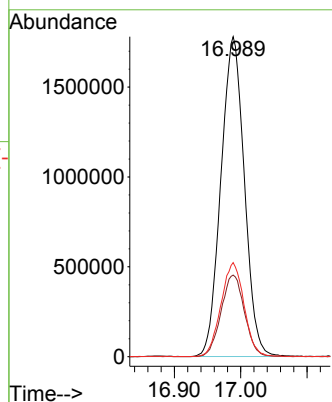
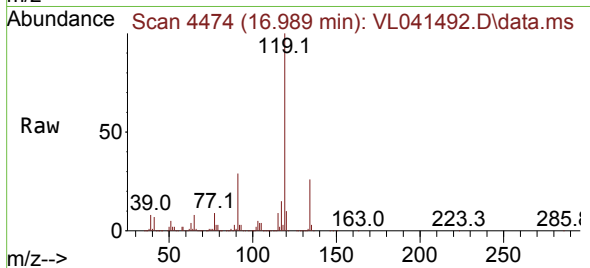
Tgt Ion:119 Resp: 4357796

Ion Ratio Lower Upper

119 100

134 25.6 20.5 30.7

91 29.0 23.2 34.8



#70

n-Butylbenzene

Concen: 8.946 ppbv

RT: 17.879 min Scan# 4751

Delta R.T. 0.000 min

Lab File: VL041492.D

Acq: 5 Aug 2024 8:15

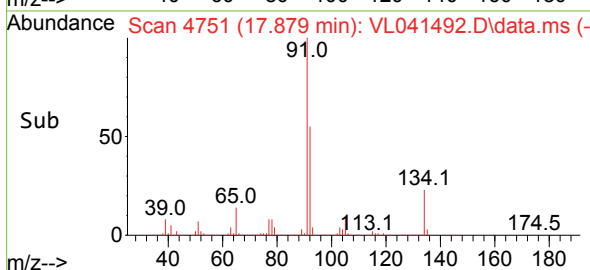
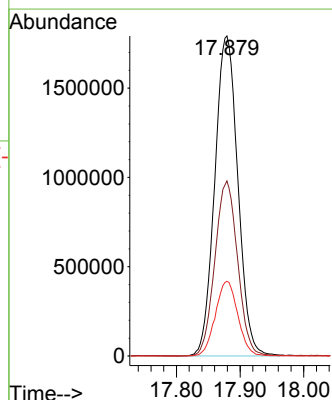
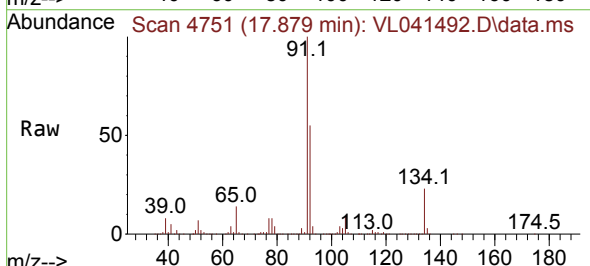
Tgt Ion: 91 Resp: 4519257

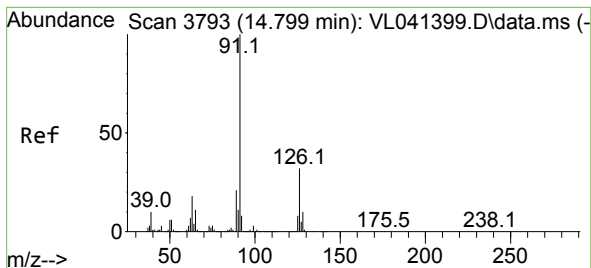
Ion Ratio Lower Upper

91 100

92 54.0 43.2 64.8

134 22.8 18.5 27.7

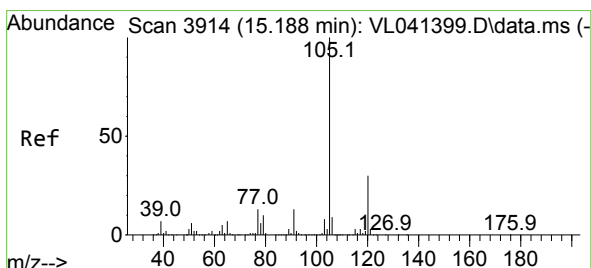
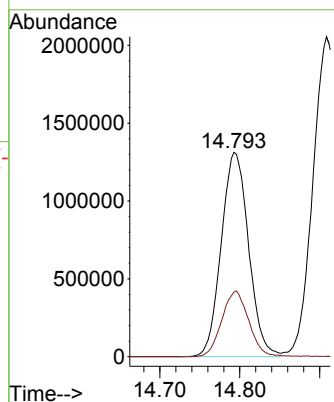
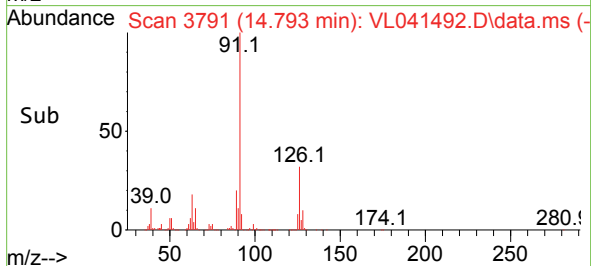
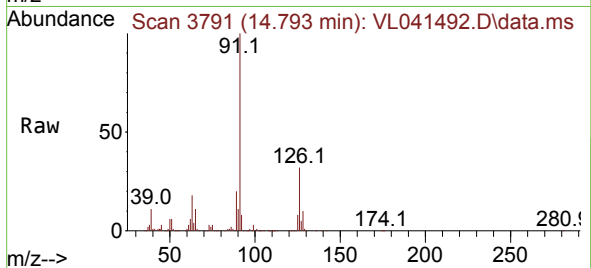




#71
2-Chlorotoluene
Concen: 8.851 ppbv
RT: 14.793 min Scan# 3793
Delta R.T. 0.000 min
Lab File: VL041492.D
Acq: 5 Aug 2024 8:15

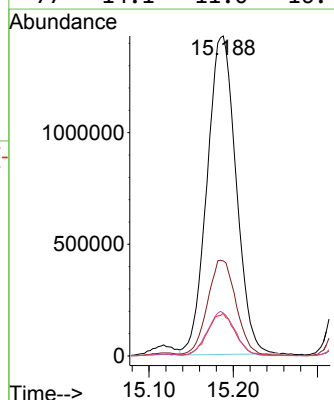
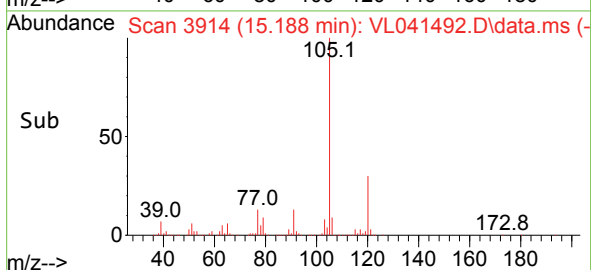
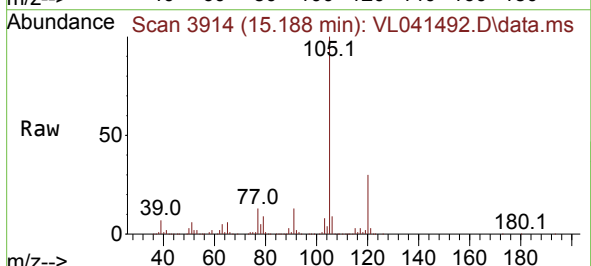
Instrument :
MSVOA_L
ClientSampleId :

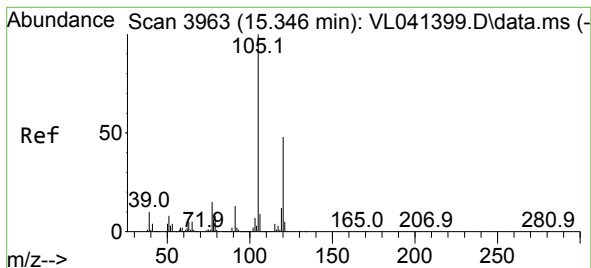
Tgt Ion: 91 Resp: 3114664
Ion Ratio Lower Upper
91 100
126 32.1 12.7 50.9



#72
4-Ethyltoluene
Concen: 9.233 ppbv
RT: 15.188 min Scan# 3914
Delta R.T. 0.000 min
Lab File: VL041492.D
Acq: 5 Aug 2024 8:15

Tgt Ion: 105 Resp: 3411948
Ion Ratio Lower Upper
105 100
120 31.0 24.2 36.2
91 13.4 10.4 15.6
77 14.1 11.0 16.4





#73

1,3,5-Trimethylbenzene

Concen: 9.162 ppbv

RT: 15.346 min Scan# 3963

Delta R.T. 0.000 min

Lab File: VL041492.D

Acq: 5 Aug 2024 8:15

Instrument :

MSVOA_L

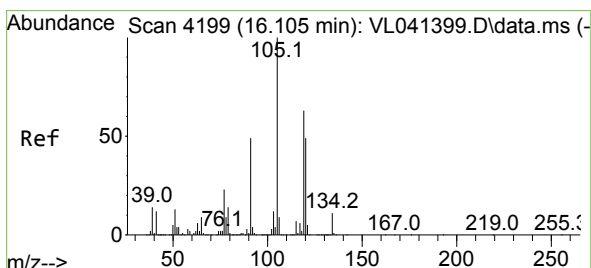
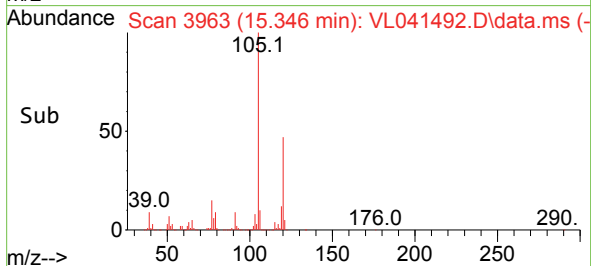
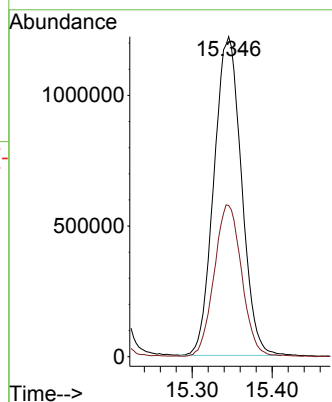
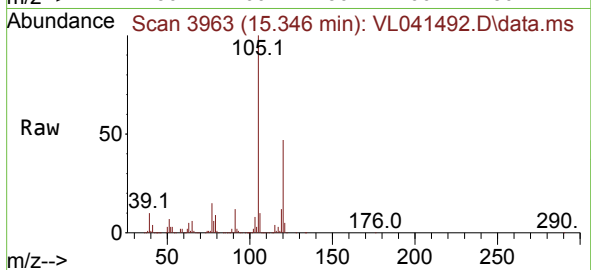
ClientSampleId :

Tgt Ion:105 Resp: 2916730

Ion Ratio Lower Upper

105 100

120 47.3 38.6 57.8



#74

1,2,4-Trimethylbenzene

Concen: 8.796 ppbv

RT: 16.101 min Scan# 4198

Delta R.T. 0.000 min

Lab File: VL041492.D

Acq: 5 Aug 2024 8:15

Tgt Ion:105 Resp: 3255434

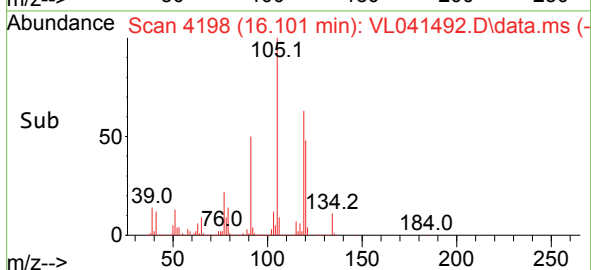
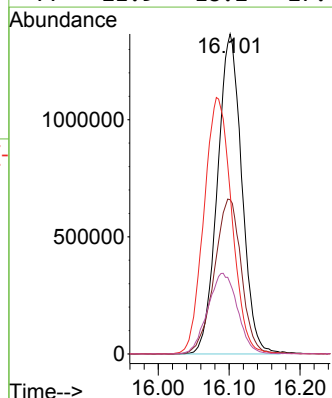
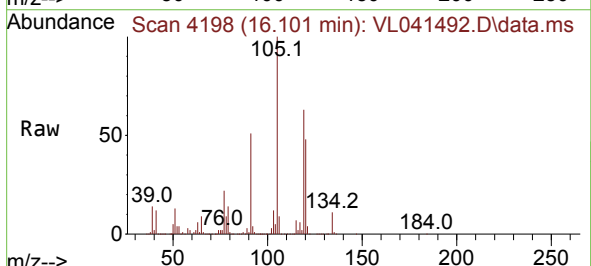
Ion Ratio Lower Upper

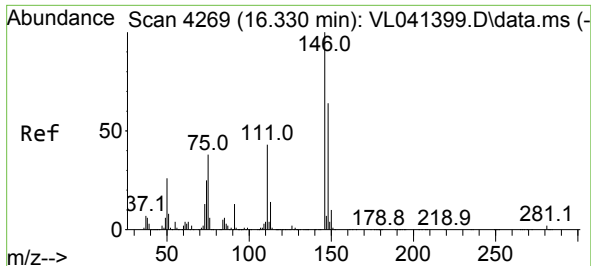
105 100

120 48.1 39.5 59.3

91 50.3 39.8 59.8

77 21.9 18.2 27.4

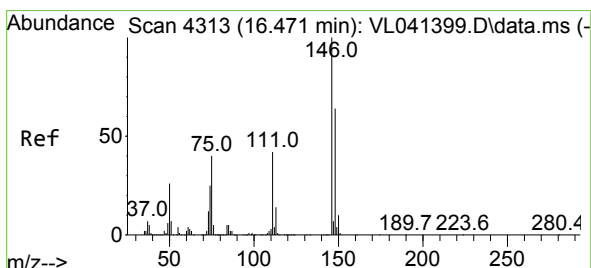
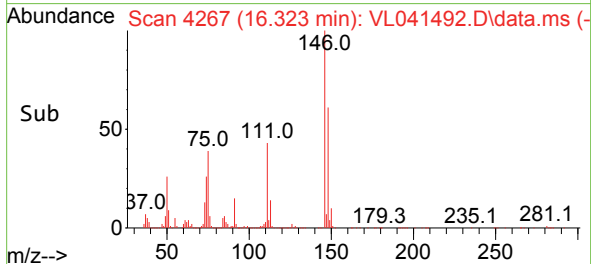
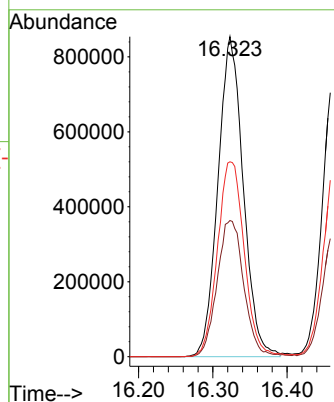
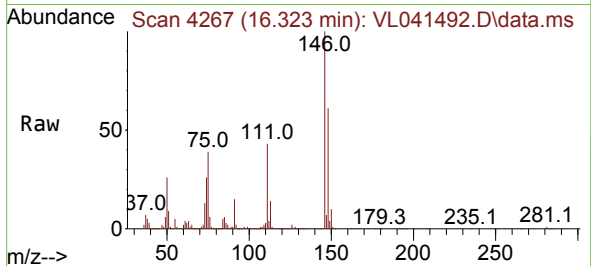




#75
1,3-Dichlorobenzene
Concen: 8.692 ppbv
RT: 16.323 min Scan# 41
Delta R.T. 0.000 min
Lab File: VL041492.D
Acq: 5 Aug 2024 8:15

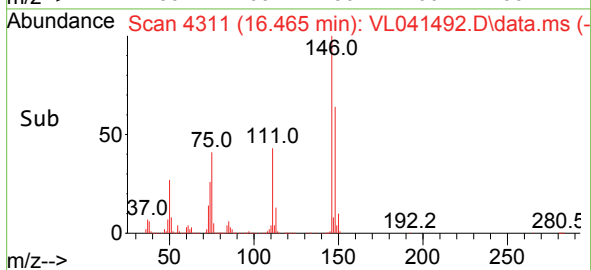
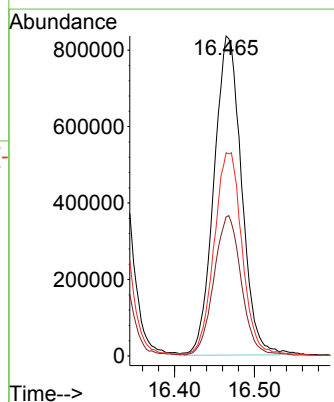
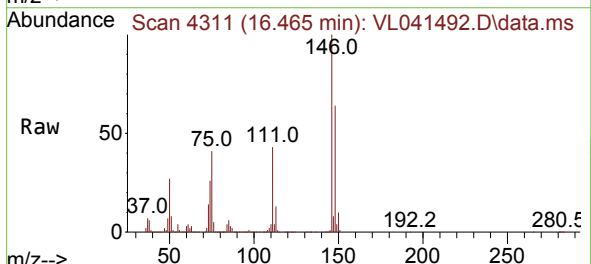
Instrument :
MSVOA_L
ClientSampleId :

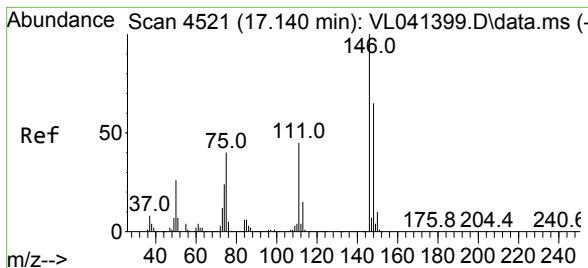
Tgt Ion:146 Resp: 2022267
Ion Ratio Lower Upper
146 100
111 45.0 22.6 67.8
148 64.6 32.3 96.8



#76
1,4-Dichlorobenzene
Concen: 8.849 ppbv
RT: 16.465 min Scan# 4311
Delta R.T. 0.000 min
Lab File: VL041492.D
Acq: 5 Aug 2024 8:15

Tgt Ion:146 Resp: 1993472
Ion Ratio Lower Upper
146 100
111 44.1 22.4 67.0
148 65.4 33.1 99.5





#77

1,2-Dichlorobenzene

Concen: 8.551 ppbv

RT: 17.137 min Scan# 4521

Delta R.T. 0.000 min

Lab File: VL041492.D

Acq: 5 Aug 2024 8:15

Instrument :

MSVOA_L

ClientSampleId :

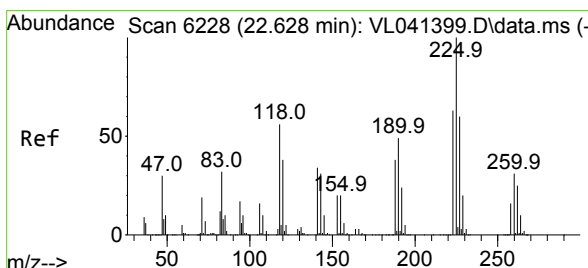
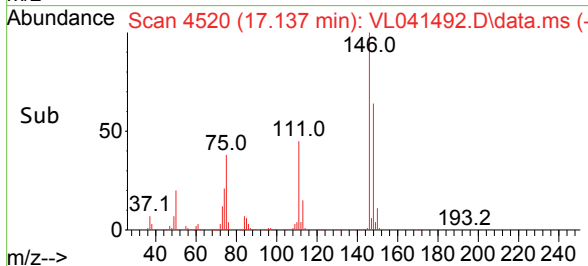
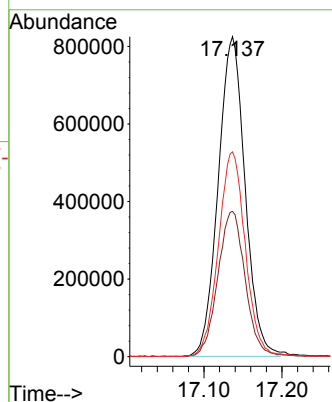
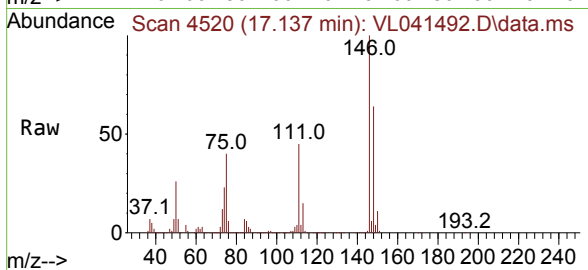
Tgt Ion:146 Resp: 1972219

Ion Ratio Lower Upper

146 100

111 46.5 23.4 70.0

148 64.5 32.2 96.6



#78

Hexachloro-1,3-Butadiene

Concen: 7.516 ppbv

RT: 22.622 min Scan# 6226

Delta R.T. 0.000 min

Lab File: VL041492.D

Acq: 5 Aug 2024 8:15

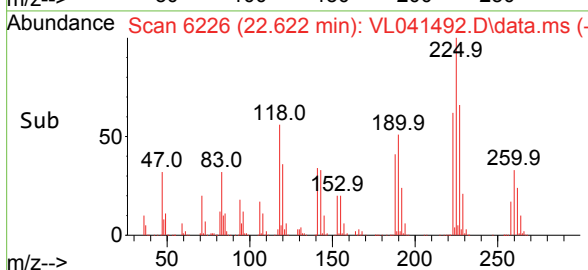
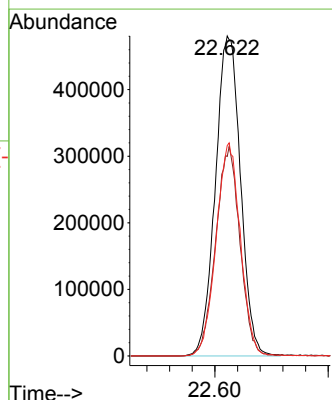
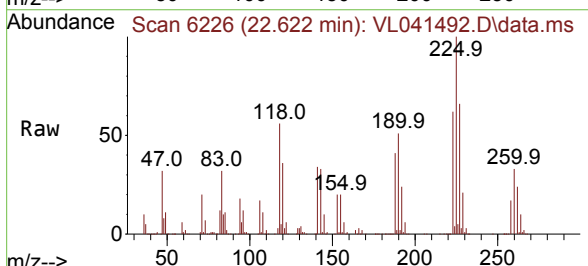
Tgt Ion:225 Resp: 1478216

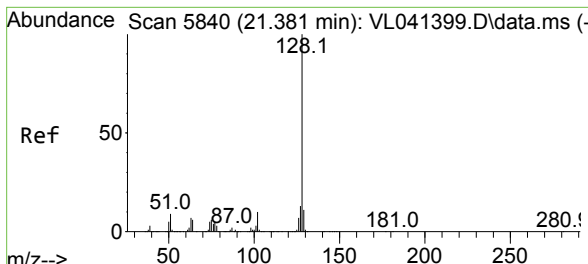
Ion Ratio Lower Upper

225 100

223 63.1 50.6 76.0

227 64.3 50.8 76.2

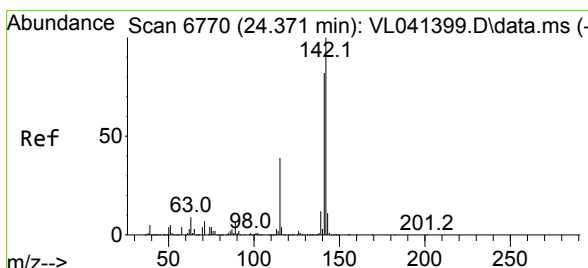
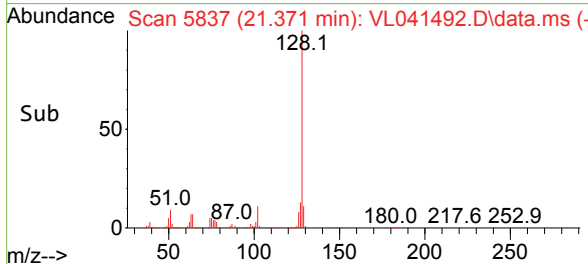
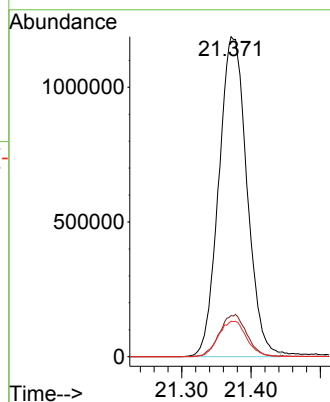
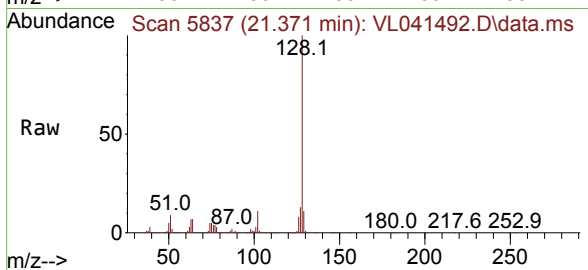




#79
Naphthalene
Concen: 10.241 ppbv
RT: 21.371 min Scan# 5837
Delta R.T. 0.000 min
Lab File: VL041492.D
Acq: 5 Aug 2024 8:15

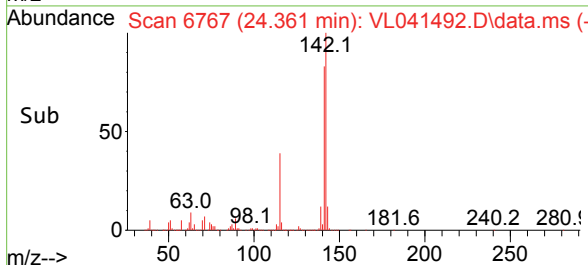
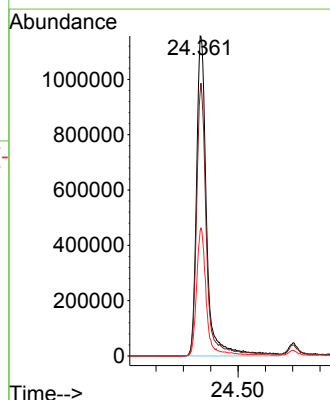
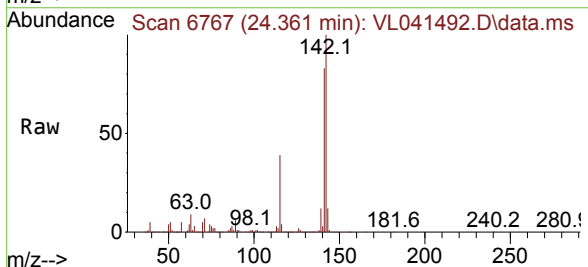
Instrument :
MSVOA_L
ClientSampleId :

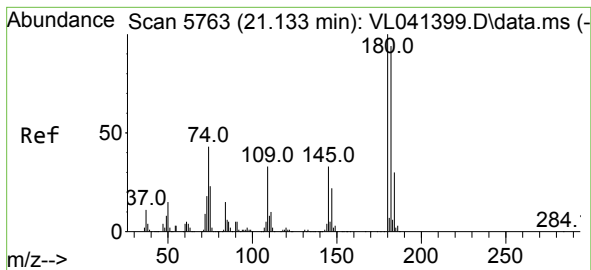
Tgt Ion:128 Resp: 3345463
Ion Ratio Lower Upper
128 100
127 12.8 10.3 15.5
129 11.1 9.0 13.4



#80
Naphthalene,2-methyl-
Concen: 10.852 ppbv
RT: 24.361 min Scan# 6767
Delta R.T. 0.000 min
Lab File: VL041492.D
Acq: 5 Aug 2024 8:15

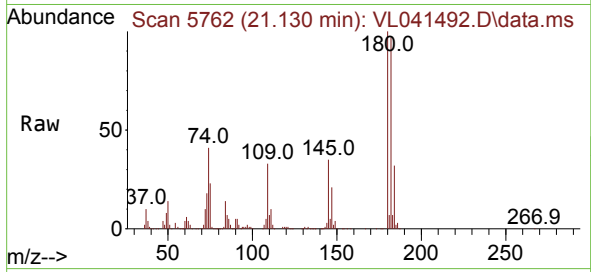
Tgt Ion:142 Resp: 2971534
Ion Ratio Lower Upper
142 100
141 81.2 67.0 100.4
115 38.8 32.2 48.2





#81
 1,2,4-Trichlorobenzene
 Concen: 9.069 ppbv
 RT: 21.130 min Scan# 51
 Delta R.T. 0.000 min
 Lab File: VL041492.D
 Acq: 5 Aug 2024 8:15

Instrument :
 MSVOA_L
 ClientSampleId :



Tgt Ion:180 Resp: 1763021

Ion	Ratio	Lower	Upper
180	100		
182	96.6	76.7	115.1
184	30.8	24.5	36.7

