

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL080524\
 Data File : VL041494.D
 Acq On : 5 Aug 2024 9:45
 Operator : SY/MD
 Sample : VL0805ABS01
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :

Quant Time: Aug 06 01:35:36 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	5.195	49	975401	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.655	114	2709541	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.465	117	3253413	10.000	ppbv	# 0.00

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.773	95	1939750	7.748	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	77.500%

Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.738	85	1205544	7.184	ppbv	98
3) Chlorodifluoromethane	2.684	51	1216281	10.475	ppbv	99
4) Chloromethane	2.822	50	644679	10.438	ppbv	100
5) Vinyl Chloride	2.928	62	638568	10.490	ppbv	99
6) Bromomethane	3.124	94	326179	10.425	ppbv	100
7) Chloroethane	3.205	64	226742	10.793	ppbv	96
8) Dichlorotetrafluoroethane	2.864	85	1554354	10.454	ppbv	99
9) Propene	2.703	41	563641	10.567	ppbv	98
10) Heptane	7.577	43	1395814	11.646	ppbv	99
11) Trichlorofluoromethane	3.568	101	1549651	10.399	ppbv	99
12) 1,1,2-Trichlorotrifluo...	4.070	101	1115647	10.396	ppbv	99
13) Ethanol	3.250	45	33610	7.050	ppbv	78
14) Bromoethene	3.372	108	467969	11.186	ppbv	99
15) Acetone	3.475	43	1177760	10.627	ppbv	99
16) 1,3-Butadiene	2.992	39	645155	10.896	ppbv	100
17) tert-Butyl alcohol	3.880	59	1165834	11.534	ppbv	100
18) 1,1-Dichloroethene	3.886	96	510260	11.116	ppbv	94
19) Isopropyl Alcohol	3.581	45	734570	11.337	ppbv #	98
20) Methylene Chloride	3.938	84	415272	10.048	ppbv	97
21) Allyl Chloride	3.999	41	798833	10.991	ppbv	99
22) trans-1,2-Dichloroethene	4.449	96	502458	10.947	ppbv	97
23) Vinyl Acetate	4.629	43	1028812	12.155	ppbv	98
24) 1,1-Dichloroethane	4.565	63	1083066	10.868	ppbv	100
25) Ethyl Acetate	5.205	43	2473886	11.236	ppbv	99
26) Hexane	5.214	57	1020558	11.174	ppbv	99
27) Carbon Disulfide	4.127	76	1220813	11.426	ppbv	99
28) Methyl tert-Butyl Ether	4.587	73	625556	10.861	ppbv	99
29) Chloroform	5.275	83	1599129	10.734	ppbv	98
30) Cyclohexane	6.600	84	875179	11.767	ppbv	99
31) cis-1,2-Dichloroethene	5.079	61	1010018	11.194	ppbv	97
32) 1,1,1-Trichloroethane	6.005	97	1573441	10.850	ppbv	99
34) 2-Butanone	4.787	43	1456777	11.115	ppbv	99
35) Carbon Tetrachloride	6.494	117	1642762	10.992	ppbv	99
36) Benzene	6.372	78	2172403	10.972	ppbv	97
37) 1,2-Dichloroethane	5.809	62	1216251	10.976	ppbv	99
38) Trichloroethene	7.291	130	983640	10.845	ppbv	98
39) 1,2-Dichloropropane	7.073	63	839633	11.077	ppbv	98
40) 1,4-Dioxane	7.285	88	349724	11.485	ppbv	93
41) Tetrahydrofuran	5.558	42	878533	11.719	ppbv	99
42) Bromodichloromethane	7.250	83	1750813	10.942	ppbv	99
43) Methyl Methacrylate	7.475	69	876343	12.343	ppbv	99
44) 2,2,4-Trimethylpentane	7.327	57	3660923	11.071	ppbv	100
45) t-1,3-Dichloropropene	8.712	75	881917	13.496	ppbv	94

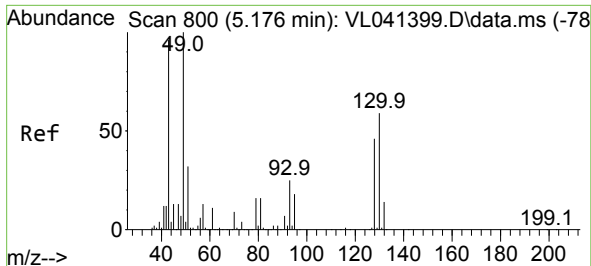
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL080524\
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Instrument :
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Quant Time: Aug 06 01:35:36 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL072524AIR.M
 Quant Title : AIR ANALYSIS BY METHOD 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)
46) cis-1,3-Dichloropropene	8.140	75	1176596	12.469	ppbv	96
47) 1,1,2-Trichloroethane	8.896	97	917081	10.976	ppbv	97
48) Dibromochloromethane	9.709	129	1515958	11.263	ppbv	100
49) Bromoform	12.404	173	1316636	11.580	ppbv	98
50) 4-Methyl-2-Pentanone	8.179	43	2434750	11.774	ppbv	100
51) 2-Hexanone	9.548	43	1991523	12.736	ppbv #	100
52) Tetrachloroethene	10.616	164	835405	10.920	ppbv	98
53) Toluene	9.220	91	2555613	11.589	ppbv	100
54) 1,2-Dibromoethane	10.008	107	1314243	11.818	ppbv	96
56) 1,1,1,2-Tetrachloroethane	11.507	131	1112981	8.821	ppbv #	58
57) Chlorobenzene	11.526	112	1988133	8.583	ppbv	99
58) Ethyl Benzene	12.085	91	3448476	9.196	ppbv	98
59) m/p-Xylene	12.368	91	3425365	10.582	ppbv #	49
60) o-Xylene	13.056	91	2811507	9.181	ppbv	100
61) Styrene	12.896	104	1402971	10.155	ppbv	98
62) Isopropylbenzene	14.027	105	4090508	8.787	ppbv	100
63) 1,1,2,2-Tetrachloroethane	13.043	83	1679168	8.684	ppbv	99
64) n-propylbenzene	14.915	120	1070699	8.797	ppbv	92
65) tert-Butylbenzene	16.088	119	3675495	8.741	ppbv	100
66) Benzyl Chloride	16.326	91	286045	10.606	ppbv	99
67) sec-Butylbenzene	16.632	105	5130808	8.857	ppbv	100
69) p-Isopropyltoluene	16.989	119	4337847	9.023	ppbv	100
70) n-Butylbenzene	17.883	91	4480169	9.091	ppbv	100
71) 2-Chlorotoluene	14.799	91	3046529	8.874	ppbv	98
72) 4-Ethyltoluene	15.191	105	3408854	9.455	ppbv	99
73) 1,3,5-Trimethylbenzene	15.352	105	2863014	9.218	ppbv	99
74) 1,2,4-Trimethylbenzene	16.104	105	3216640	8.908	ppbv	97
75) 1,3-Dichlorobenzene	16.330	146	1999126	8.808	ppbv	99
76) 1,4-Dichlorobenzene	16.468	146	1927662	8.771	ppbv	100
77) 1,2-Dichlorobenzene	17.140	146	1951426	8.673	ppbv	100
78) Hexachloro-1,3-Butadiene	22.628	225	1503067	7.833	ppbv	100
79) Naphthalene	21.378	128	3318120	10.411	ppbv	99
80) Naphthalene,2-methyl-	24.368	142	2904357	10.872	ppbv	99
81) 1,2,4-Trichlorobenzene	21.133	180	1745663	9.204	ppbv	99

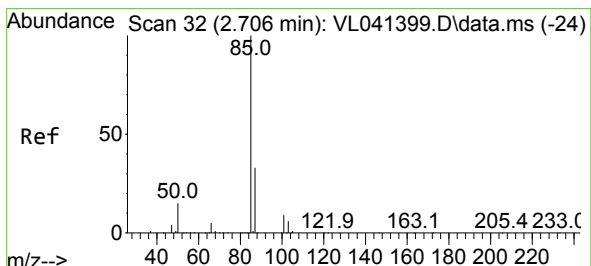
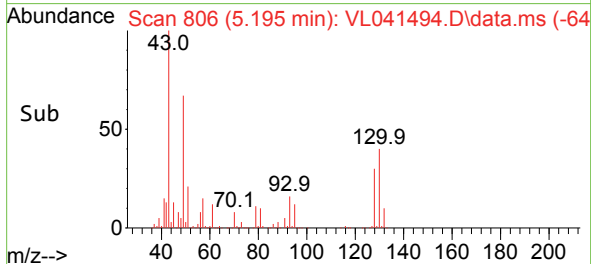
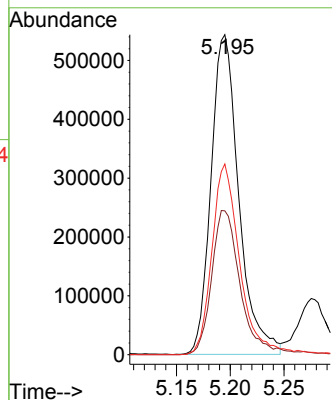
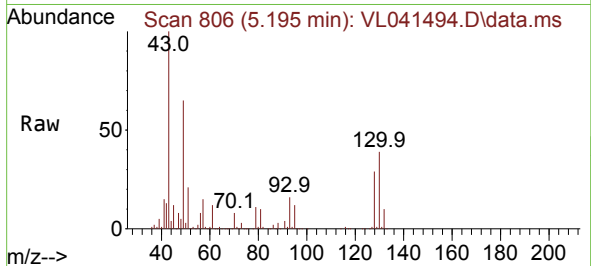
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.195 min Scan# 80
Delta R.T. 0.006 min
Lab File: VL041494.D
Acq: 5 Aug 2024 9:45

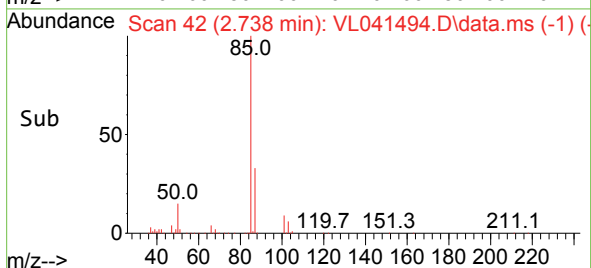
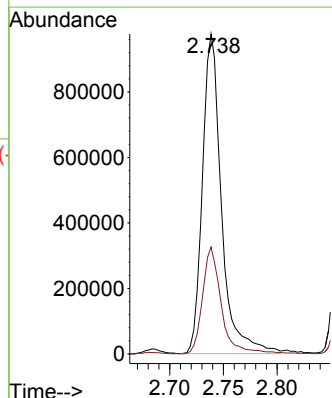
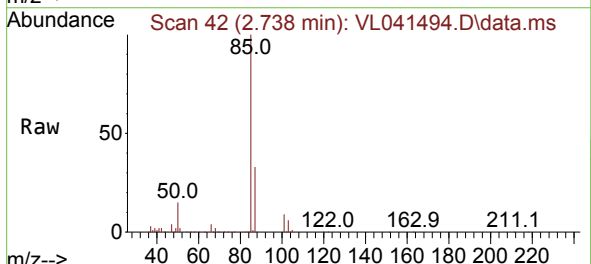
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MSVOA_L
ClientSampleId :

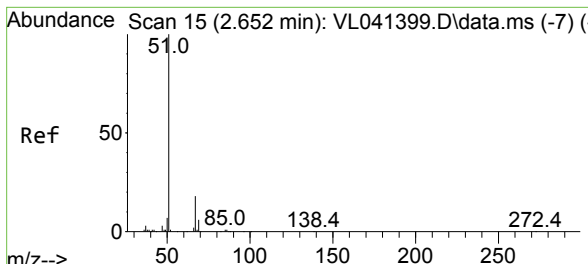
Tgt Ion: 49 Resp: 975401
Ion Ratio Lower Upper
49 100
128 47.5 23.8 71.4
130 60.9 30.8 92.4



#2
Dichlorodifluoromethane
Concen: 7.184 ppbv
RT: 2.738 min Scan# 42
Delta R.T. 0.006 min
Lab File: VL041494.D
Acq: 5 Aug 2024 9:45

Tgt Ion: 85 Resp: 1205544
Ion Ratio Lower Upper
85 100
87 33.4 26.0 39.0

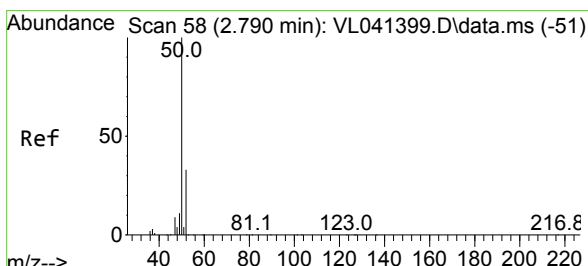
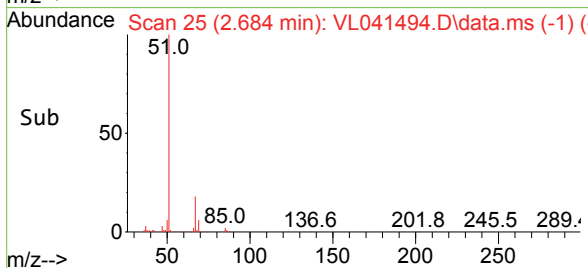
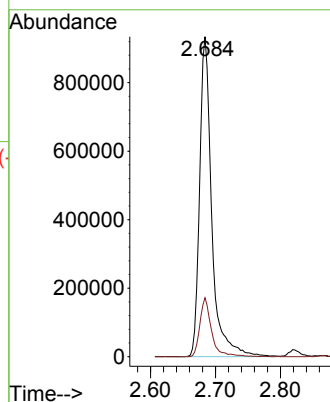
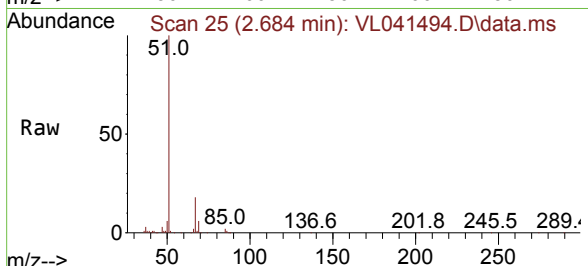




#3
Chlorodifluoromethane
Concen: 10.475 ppbv
RT: 2.684 min Scan# 21
Delta R.T. 0.006 min
Lab File: VL041494.D
Acq: 5 Aug 2024 9:45

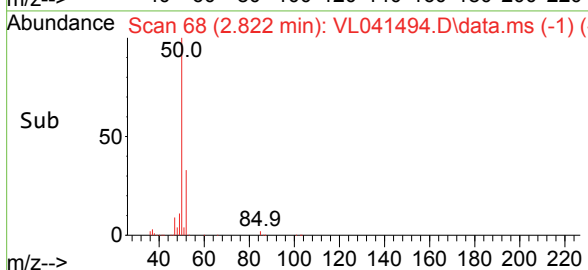
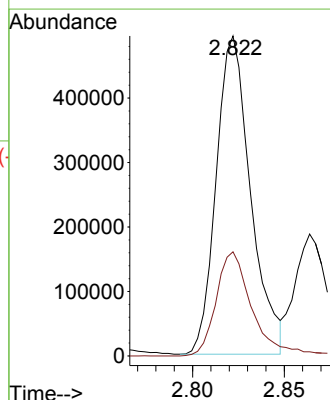
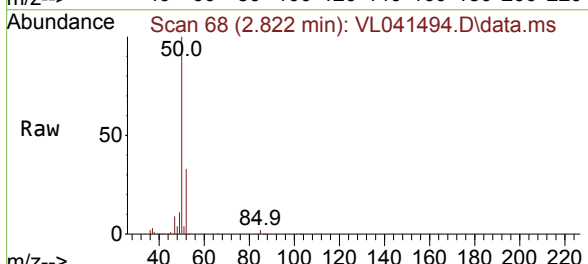
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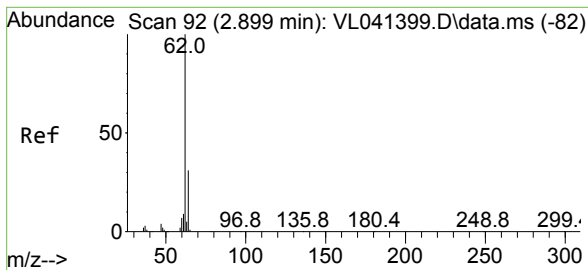
Tgt Ion: 51 Resp: 1216281
Ion Ratio Lower Upper
51 100
67 17.8 14.5 21.7



#4
Chloromethane
Concen: 10.438 ppbv
RT: 2.822 min Scan# 68
Delta R.T. 0.006 min
Lab File: VL041494.D
Acq: 5 Aug 2024 9:45

Tgt Ion: 50 Resp: 644679
Ion Ratio Lower Upper
50 100
52 32.7 26.1 39.1

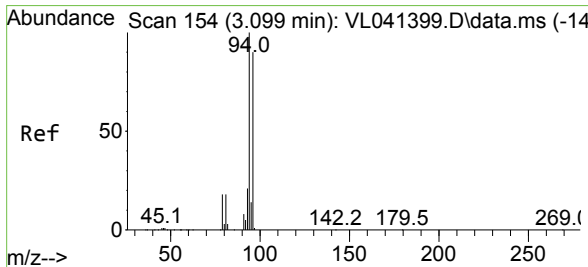
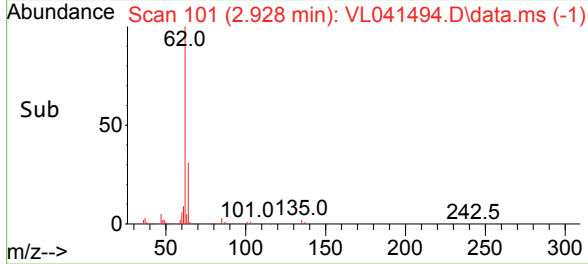
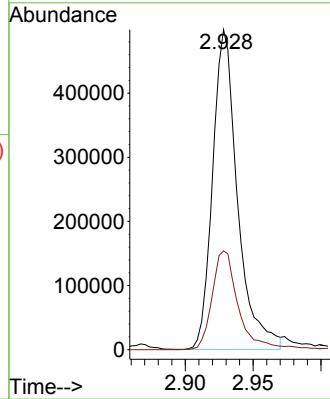
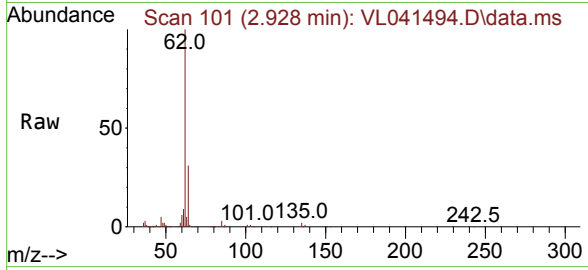




#5
 Vinyl Chloride
 Concen: 10.490 ppbv
 RT: 2.928 min Scan# 101
 Delta R.T. 0.006 min
 Lab File: VL041494.D
 Acq: 5 Aug 2024 9:45

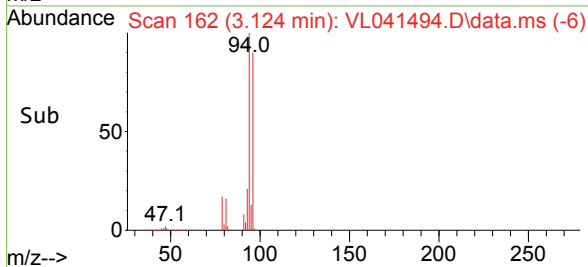
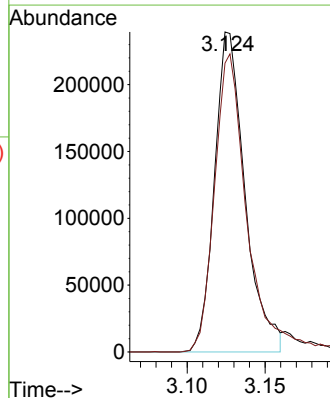
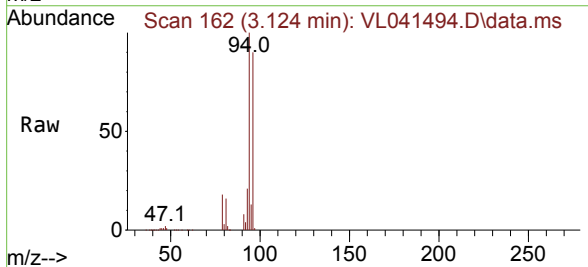
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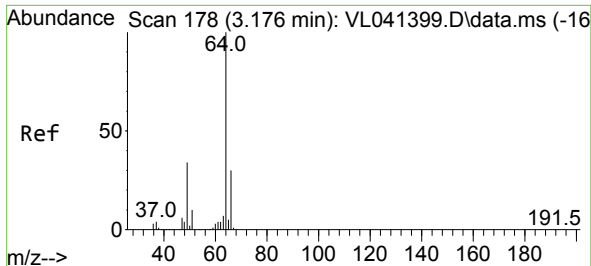
Tgt Ion: 62 Resp: 638568
 Ion Ratio Lower Upper
 62 100
 64 30.9 25.0 37.4



#6
 Bromomethane
 Concen: 10.425 ppbv
 RT: 3.124 min Scan# 162
 Delta R.T. 0.003 min
 Lab File: VL041494.D
 Acq: 5 Aug 2024 9:45

Tgt Ion: 94 Resp: 326179
 Ion Ratio Lower Upper
 94 100
 96 90.2 72.3 108.5

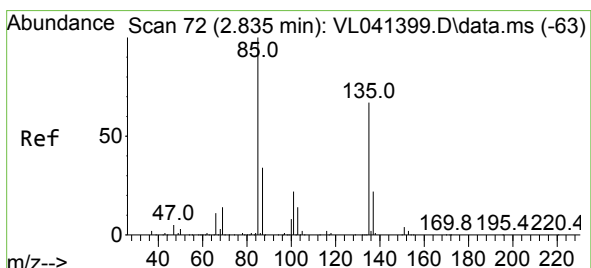
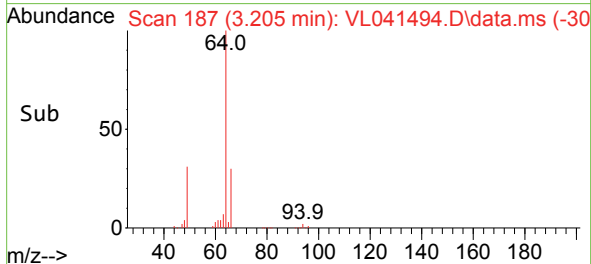
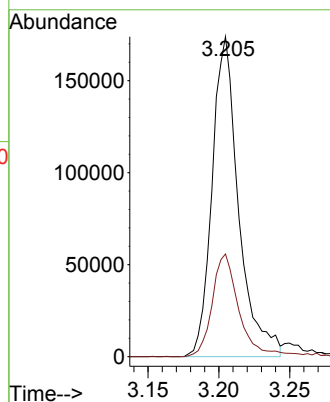
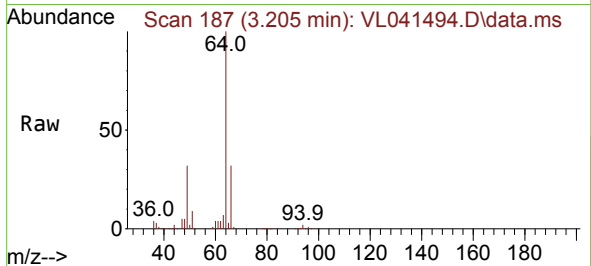




#7
Chloroethane
Concen: 10.793 ppbv
RT: 3.205 min Scan# 11
Delta R.T. 0.006 min
Lab File: VL041494.D
Acq: 5 Aug 2024 9:45

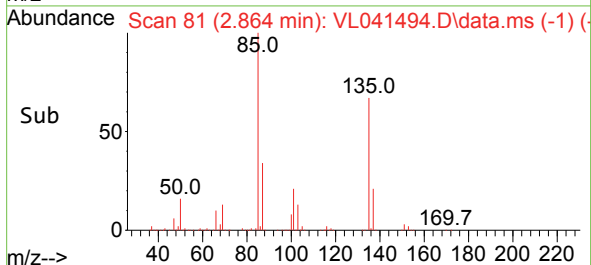
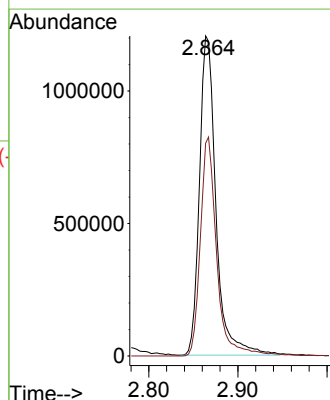
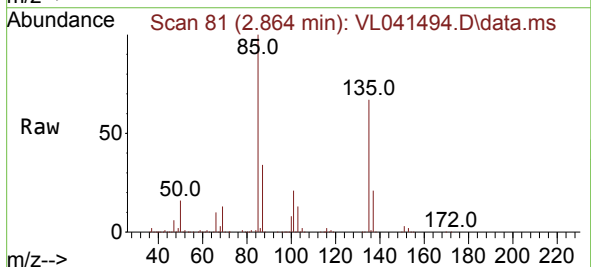
Instrument :
MSVOA_L
ClientSampleId :

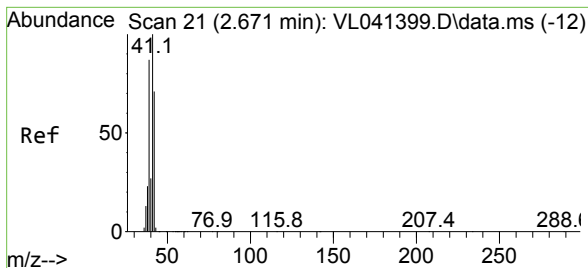
Tgt Ion: 64 Resp: 226742
Ion Ratio Lower Upper
64 100
66 32.1 24.2 36.2



#8
Dichlorotetrafluoroethane
Concen: 10.454 ppbv
RT: 2.864 min Scan# 81
Delta R.T. 0.003 min
Lab File: VL041494.D
Acq: 5 Aug 2024 9:45

Tgt Ion: 85 Resp: 1554354
Ion Ratio Lower Upper
85 100
135 68.3 55.4 83.0





#9

Propene

Concen: 10.567 ppbv

RT: 2.703 min Scan# 31

Delta R.T. 0.006 min

Lab File: VL041494.D

Acq: 5 Aug 2024 9:45

Instrument :

MSVOA_L

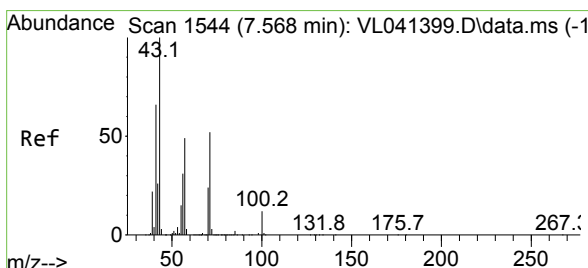
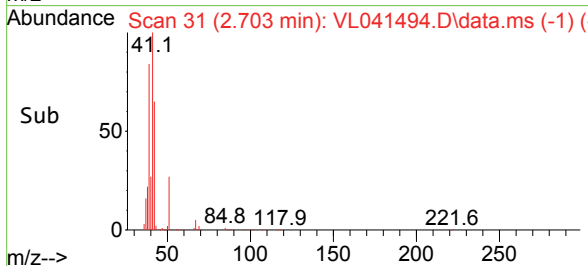
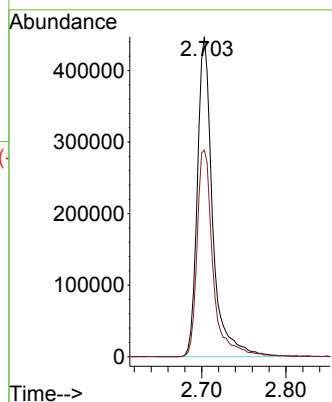
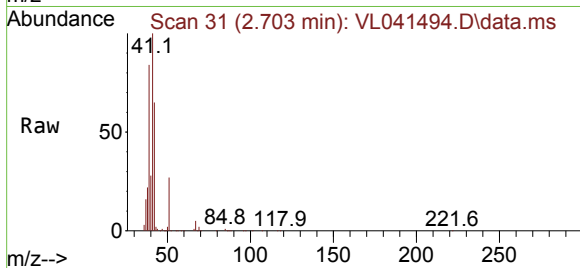
ClientSampleId :

Tgt Ion: 41 Resp: 563641

Ion Ratio Lower Upper

41 100

42 68.0 55.9 83.9



#10

Heptane

Concen: 11.646 ppbv

RT: 7.577 min Scan# 1547

Delta R.T. 0.003 min

Lab File: VL041494.D

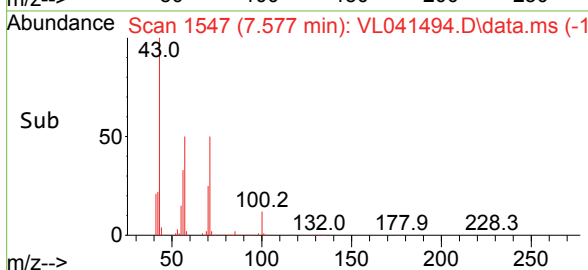
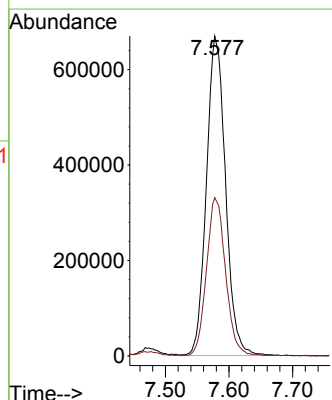
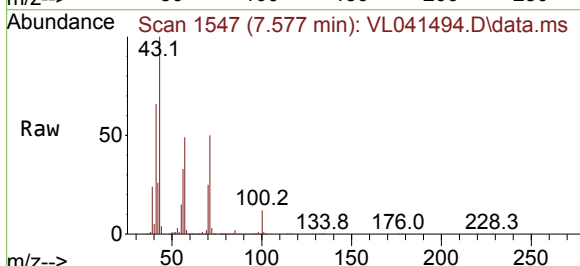
Acq: 5 Aug 2024 9:45

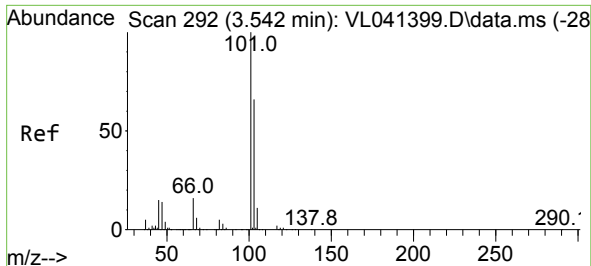
Tgt Ion: 43 Resp: 1395814

Ion Ratio Lower Upper

43 100

57 50.0 40.5 60.7

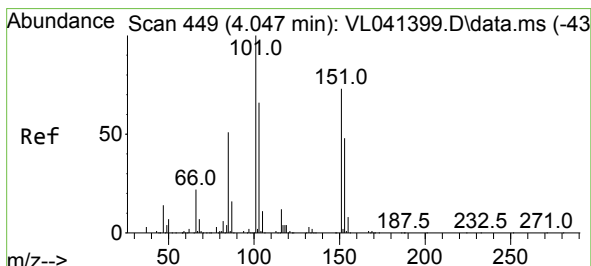
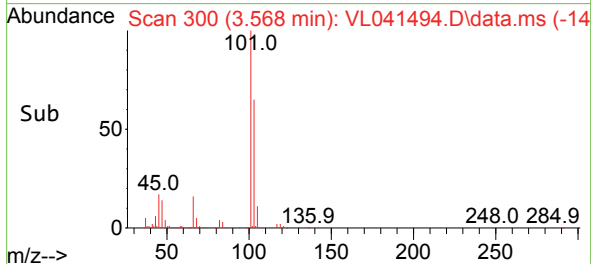
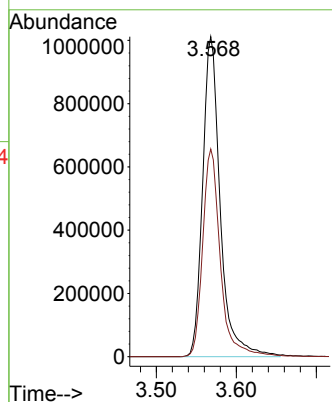
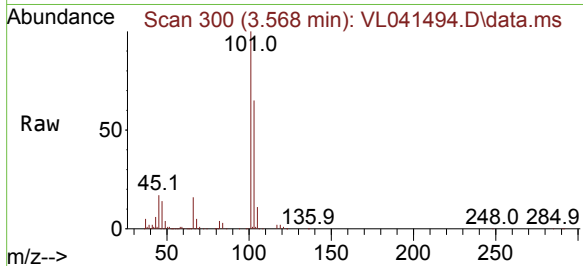




#11
 Trichlorofluoromethane
 Concen: 10.399 ppbv
 RT: 3.568 min Scan# 30
 Delta R.T. 0.006 min
 Lab File: VL041494.D
 Acq: 5 Aug 2024 9:45

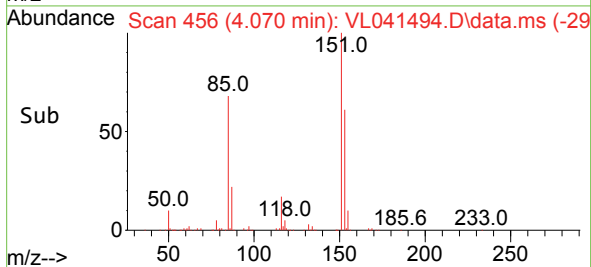
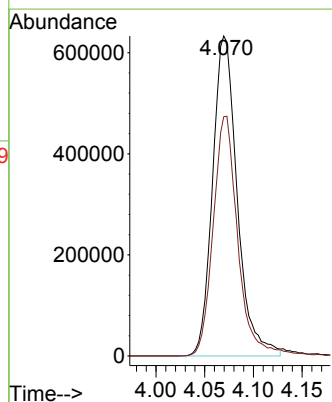
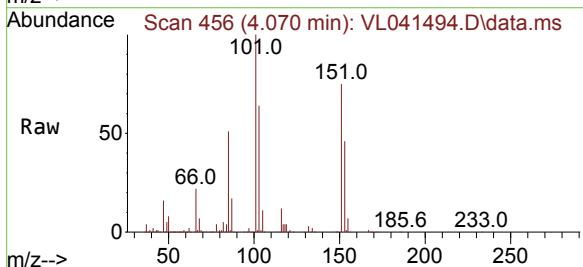
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 MSVOA_L
 ClientSampleId :

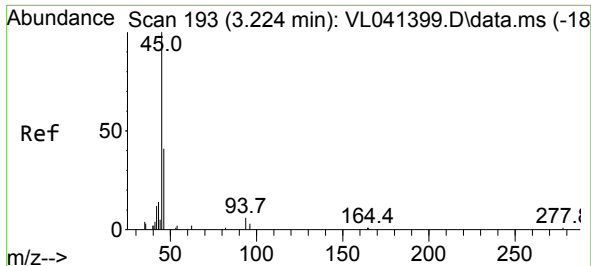
Tgt Ion:101 Resp: 1549651
 Ion Ratio Lower Upper
 101 100
 103 64.9 52.6 79.0



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 10.396 ppbv
 RT: 4.070 min Scan# 456
 Delta R.T. 0.006 min
 Lab File: VL041494.D
 Acq: 5 Aug 2024 9:45

Tgt Ion:101 Resp: 1115647
 Ion Ratio Lower Upper
 101 100
 151 75.4 59.4 89.2

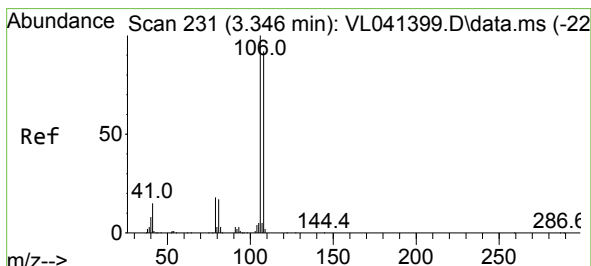
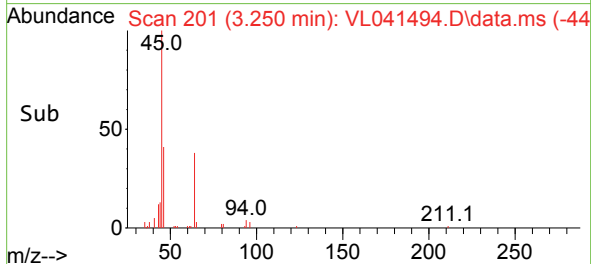
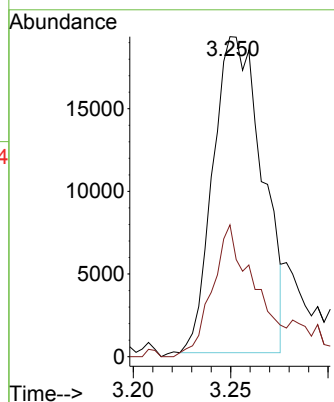
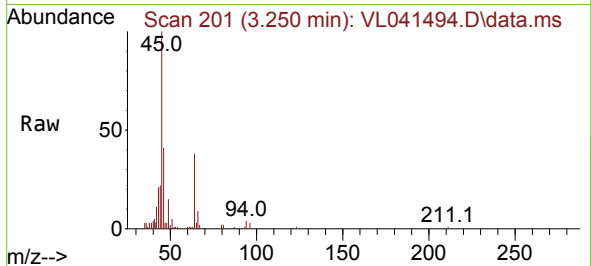




#13
Ethanol
Concen: 7.050 ppbv
RT: 3.250 min Scan# 201
Delta R.T. 0.006 min
Lab File: VL041494.D
Acq: 5 Aug 2024 9:45

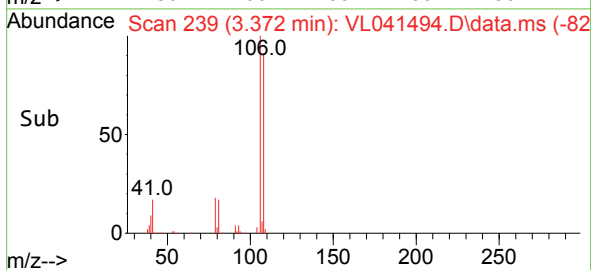
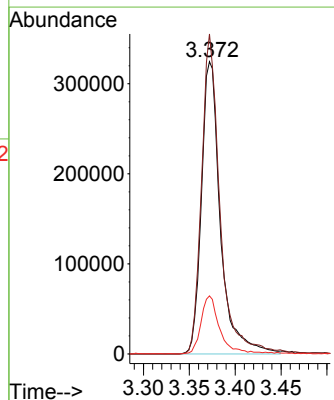
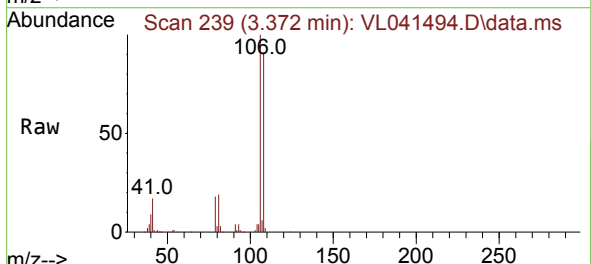
Instrument :
MSVOA_L
ClientSampleId :

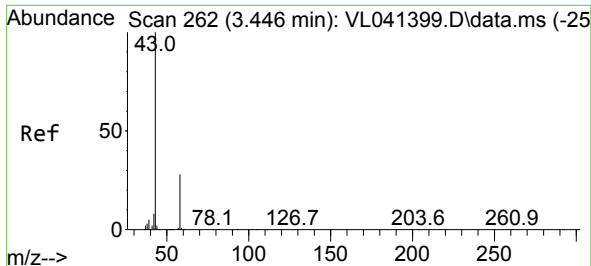
Tgt Ion: 45 Resp: 33610
Ion Ratio Lower Upper
45 100
46 45.6 13.4 53.4



#14
Bromoethene
Concen: 11.186 ppbv
RT: 3.372 min Scan# 239
Delta R.T. 0.006 min
Lab File: VL041494.D
Acq: 5 Aug 2024 9:45

Tgt Ion: 108 Resp: 467969
Ion Ratio Lower Upper
108 100
106 107.2 86.9 130.3
79 20.2 16.2 24.4

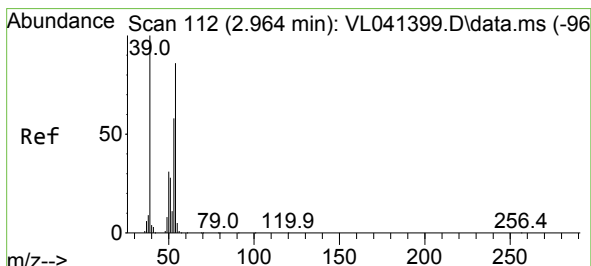
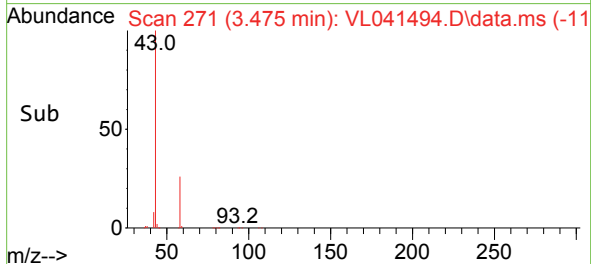
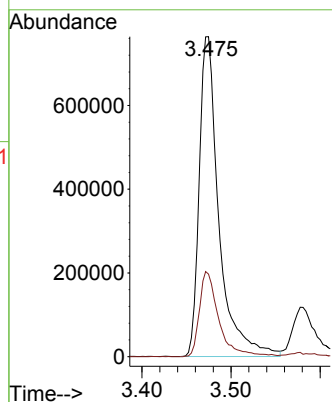
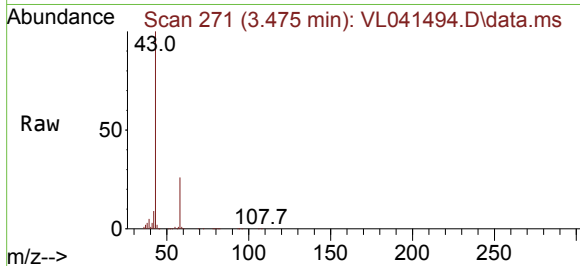




#15
Acetone
Concen: 10.627 ppbv
RT: 3.475 min Scan# 21
Delta R.T. 0.006 min
Lab File: VL041494.D
Acq: 5 Aug 2024 9:45

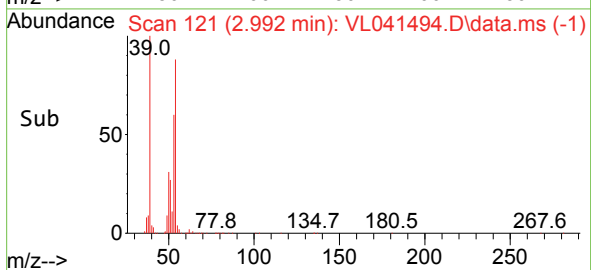
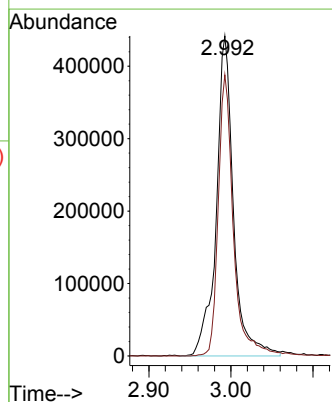
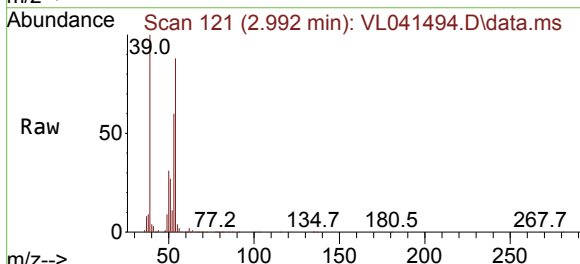
Instrument :
MSVOA_L
ClientSampleId :

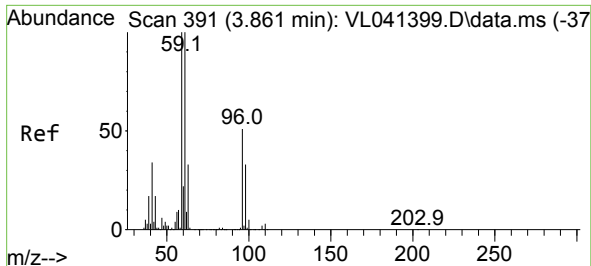
Tgt Ion: 43 Resp: 1177760
Ion Ratio Lower Upper
43 100
58 26.2 21.4 32.2



#16
1,3-Butadiene
Concen: 10.896 ppbv
RT: 2.992 min Scan# 121
Delta R.T. 0.006 min
Lab File: VL041494.D
Acq: 5 Aug 2024 9:45

Tgt Ion: 39 Resp: 645155
Ion Ratio Lower Upper
39 100
54 77.9 62.5 93.7





#17

tert-Butyl alcohol

Concen: 11.534 ppbv

RT: 3.880 min Scan# 391

Delta R.T. 0.003 min

Lab File: VL041494.D

Acq: 5 Aug 2024 9:45

Instrument :

MSVOA_L

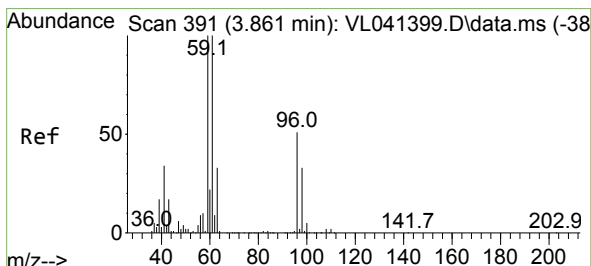
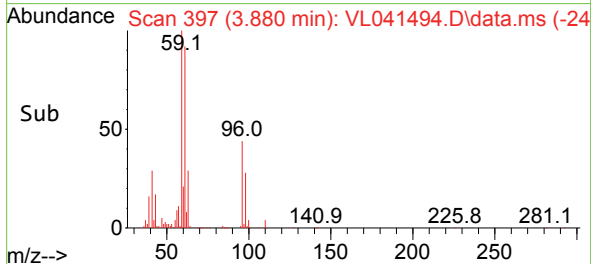
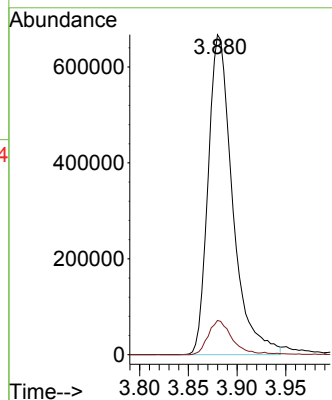
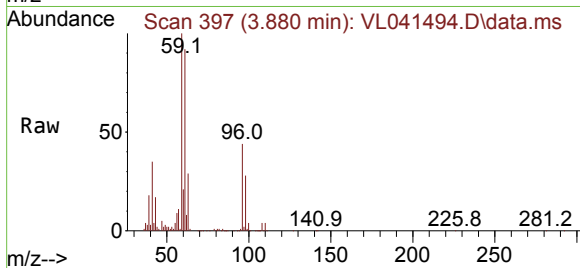
ClientSampleId :

Tgt Ion: 59 Resp: 1165834

Ion Ratio Lower Upper

59 100

57 10.8 8.6 12.8



#18

1,1-Dichloroethene

Concen: 11.116 ppbv

RT: 3.886 min Scan# 399

Delta R.T. 0.006 min

Lab File: VL041494.D

Acq: 5 Aug 2024 9:45

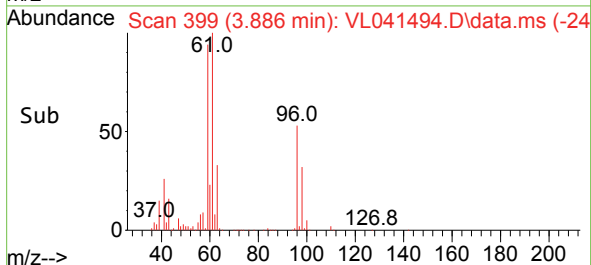
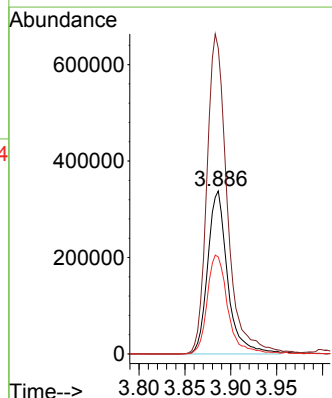
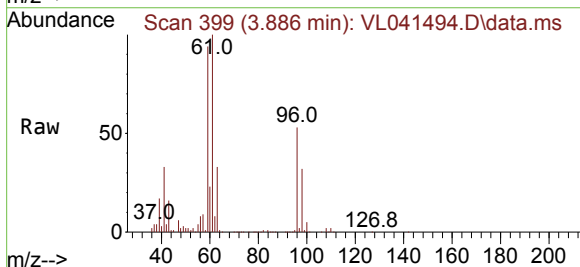
Tgt Ion: 96 Resp: 510260

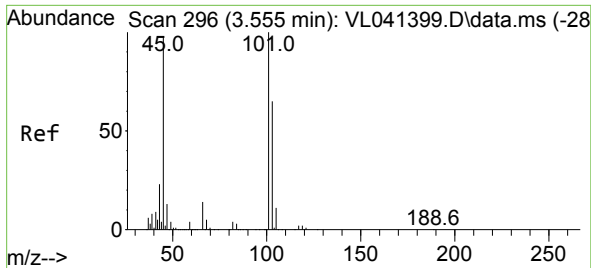
Ion Ratio Lower Upper

96 100

61 187.5 157.5 236.3

98 59.4 51.2 76.8





#19

Isopropyl Alcohol

Concen: 11.337 ppbv

RT: 3.581 min Scan# 304

Delta R.T. 0.006 min

Lab File: VL041494.D

Acq: 5 Aug 2024 9:45

Instrument :

MSVOA_L

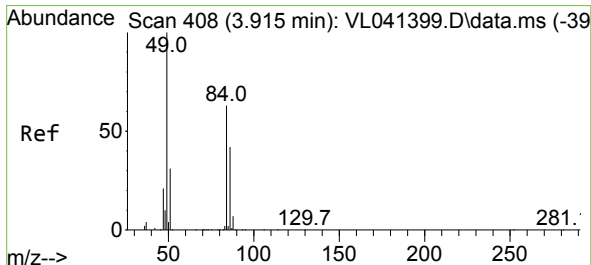
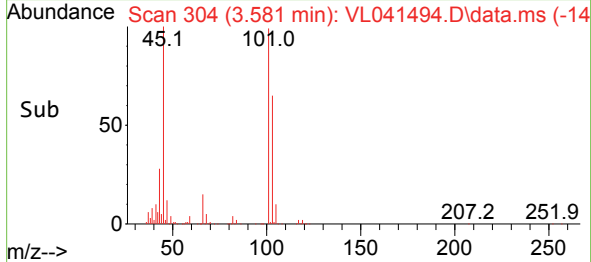
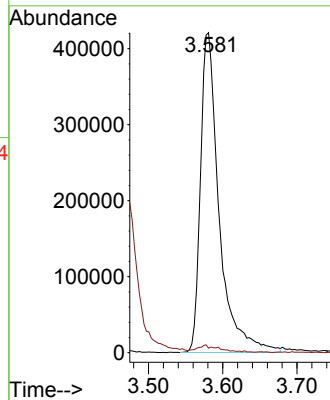
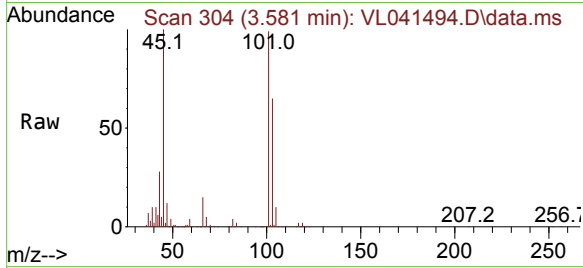
ClientSampleId :

Tgt Ion: 45 Resp: 734570

Ion Ratio Lower Upper

45 100

58 3.0 1.9 2.9#



#20

Methylene Chloride

Concen: 10.048 ppbv

RT: 3.938 min Scan# 415

Delta R.T. 0.006 min

Lab File: VL041494.D

Acq: 5 Aug 2024 9:45

Tgt Ion: 84 Resp: 415272

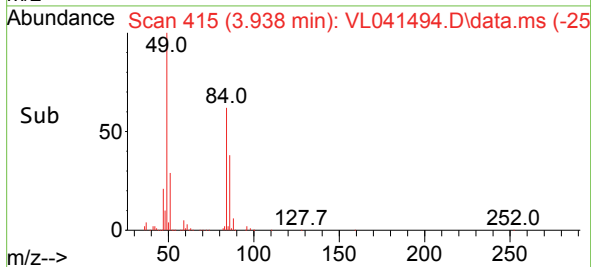
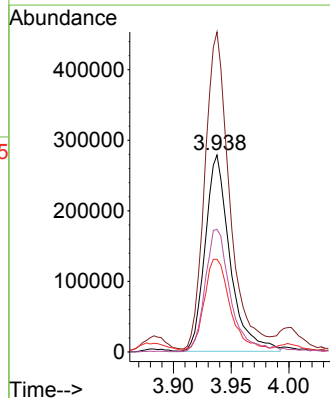
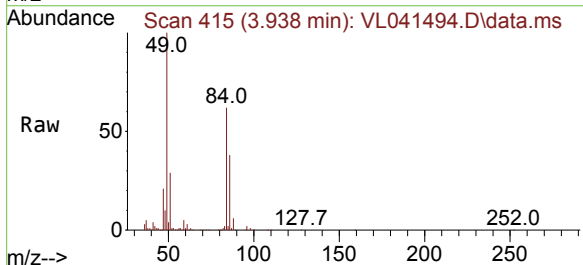
Ion Ratio Lower Upper

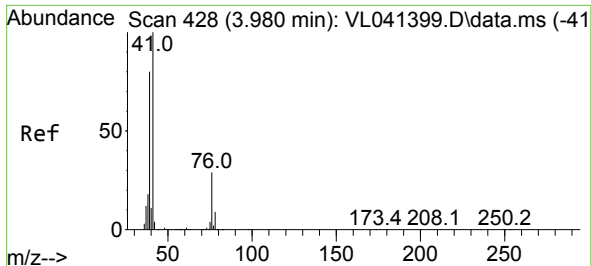
84 100

49 161.5 126.6 190.0

51 46.3 38.6 58.0

86 62.3 53.0 79.4

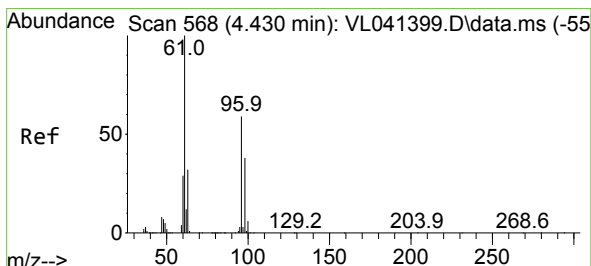
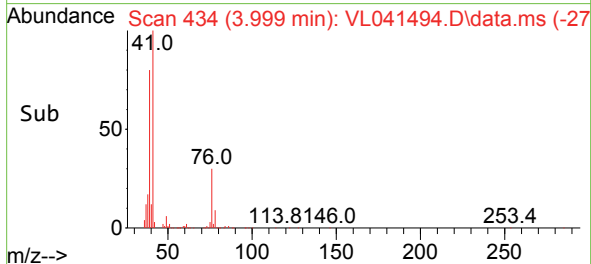
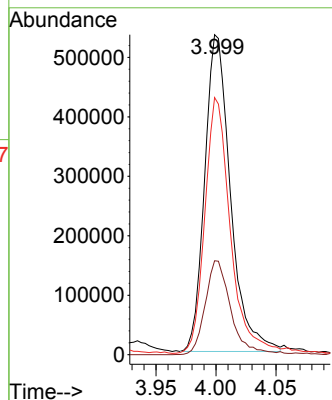
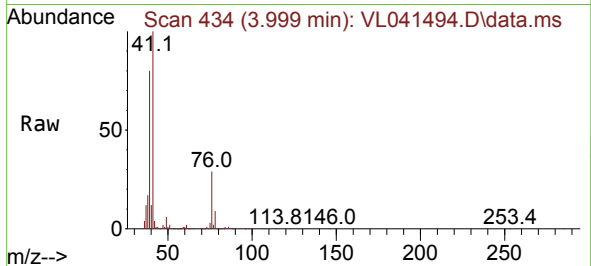




#21
 Allyl Chloride
 Concen: 10.991 ppbv
 RT: 3.999 min Scan# 41
 Delta R.T. 0.003 min
 Lab File: VL041494.D
 Acq: 5 Aug 2024 9:45

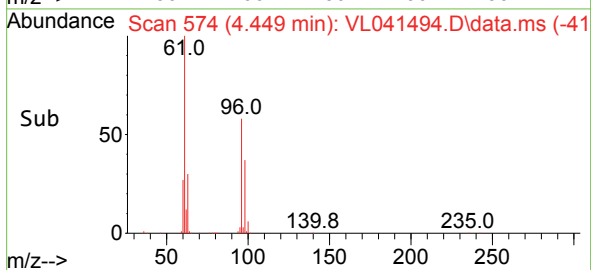
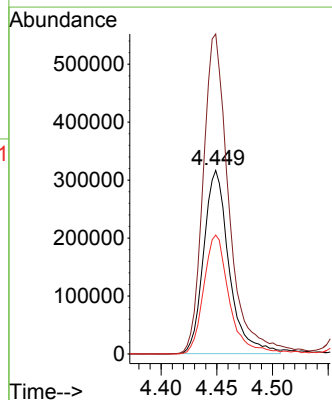
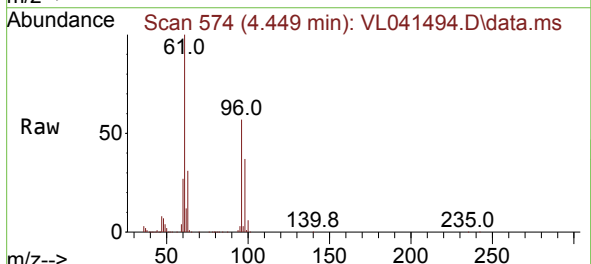
Instrument :
 MSVOA_L
 ClientSampleId :

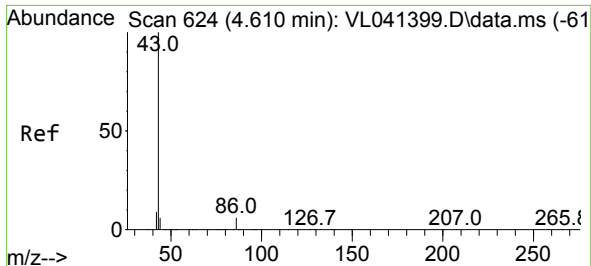
Tgt Ion: 41 Resp: 798833
 Ion Ratio Lower Upper
 41 100
 76 29.8 23.7 35.5
 39 81.1 64.3 96.5



#22
 trans-1,2-Dichloroethene
 Concen: 10.947 ppbv
 RT: 4.449 min Scan# 574
 Delta R.T. 0.006 min
 Lab File: VL041494.D
 Acq: 5 Aug 2024 9:45

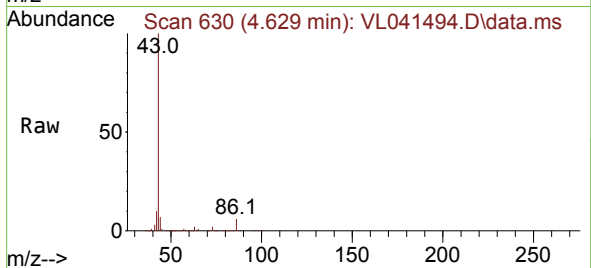
Tgt Ion: 96 Resp: 502458
 Ion Ratio Lower Upper
 96 100
 61 174.1 135.4 203.2
 98 64.8 51.0 76.4





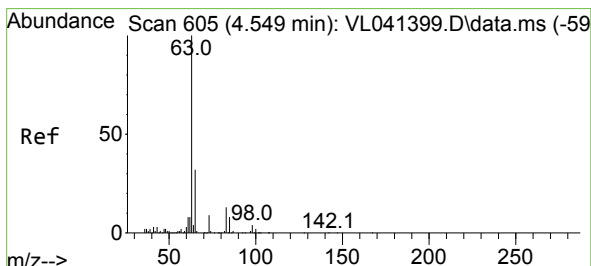
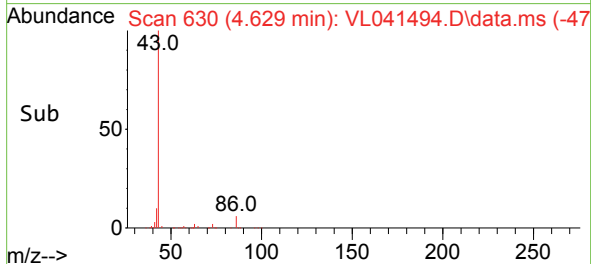
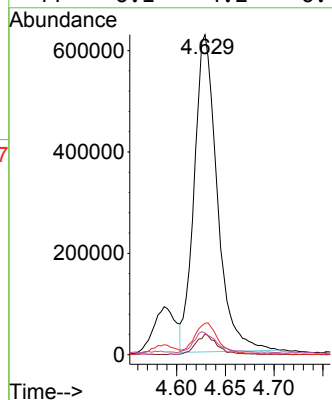
#23
 Vinyl Acetate
 Concen: 12.155 ppbv
 RT: 4.629 min Scan# 610
 Delta R.T. 0.003 min
 Lab File: VL041494.D
 Acq: 5 Aug 2024 9:45

Instrument :
 MSVOA_L
 ClientSampleId :



Tgt Ion: 43 Resp: 1028812

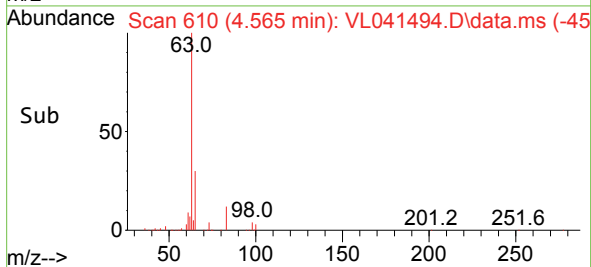
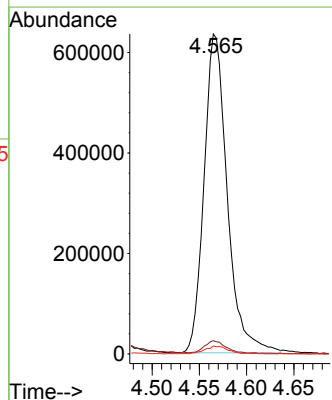
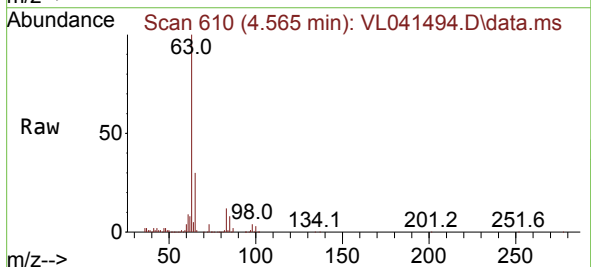
Ion	Ratio	Lower	Upper
43	100		
86	6.5	4.6	6.8
42	9.7	7.9	11.9
44	6.1	4.2	6.4

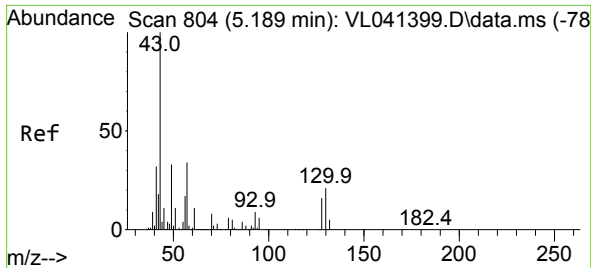


#24
 1,1-Dichloroethane
 Concen: 10.868 ppbv
 RT: 4.565 min Scan# 610
 Delta R.T. 0.003 min
 Lab File: VL041494.D
 Acq: 5 Aug 2024 9:45

Tgt Ion: 63 Resp: 1083066

Ion	Ratio	Lower	Upper
63	100		
98	3.9	2.0	6.0
100	2.5	1.2	3.6



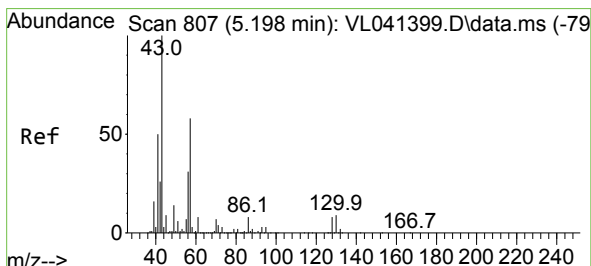
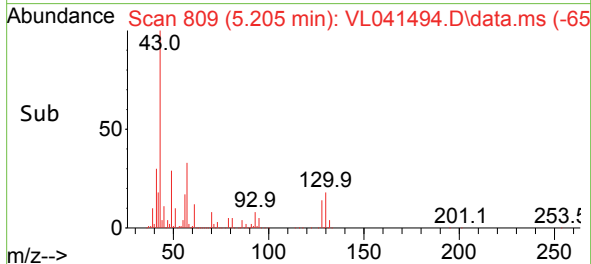
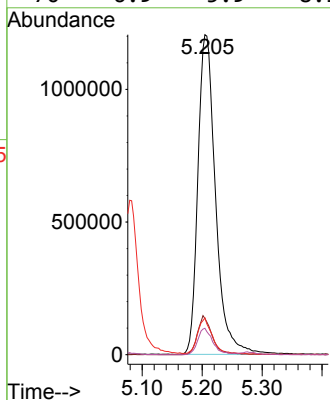
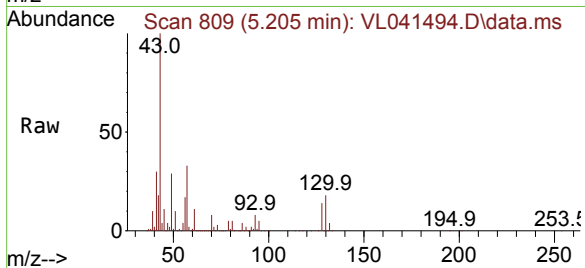


#25
Ethyl Acetate
Concen: 11.236 ppbv
RT: 5.205 min Scan# 804
Delta R.T. 0.003 min
Lab File: VL041494.D
Acq: 5 Aug 2024 9:45

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 43 Resp: 2473886

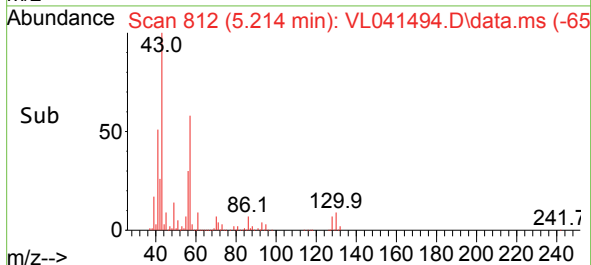
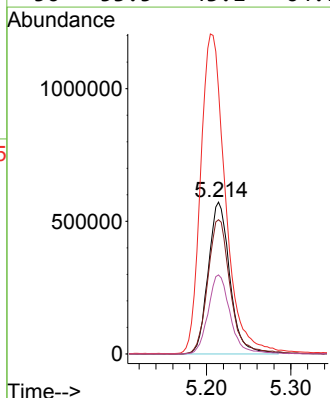
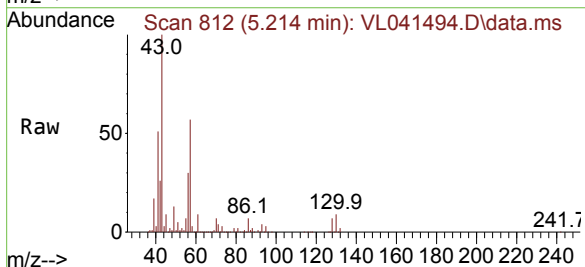
Ion	Ratio	Lower	Upper
43	100		
45	10.3	8.5	12.7
61	9.9	8.0	12.0
70	6.9	5.9	8.9

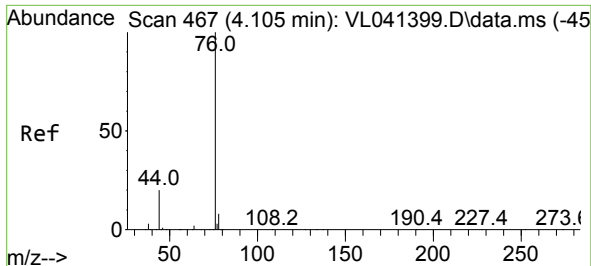


#26
Hexane
Concen: 11.174 ppbv
RT: 5.214 min Scan# 812
Delta R.T. 0.003 min
Lab File: VL041494.D
Acq: 5 Aug 2024 9:45

Tgt Ion: 57 Resp: 1020558

Ion	Ratio	Lower	Upper
57	100		
41	93.0	74.0	111.0
43	243.2	193.6	290.4
56	53.5	43.1	64.7

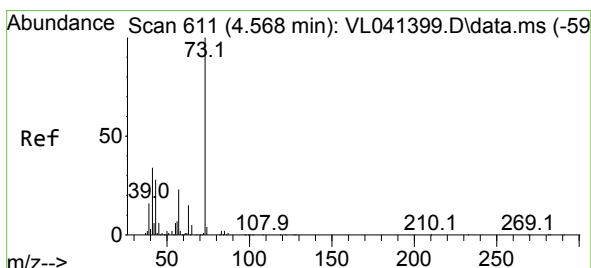
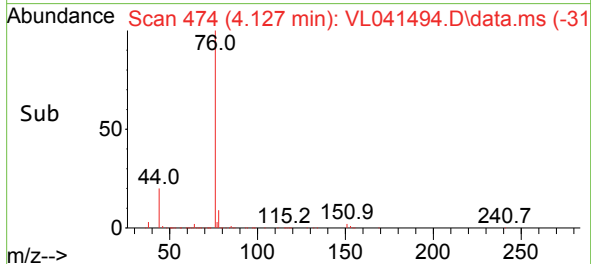
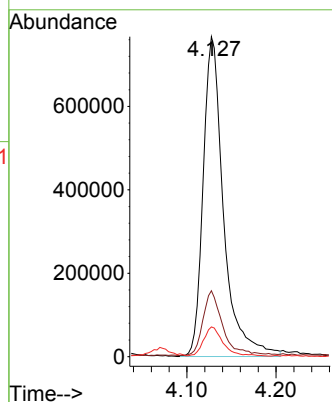
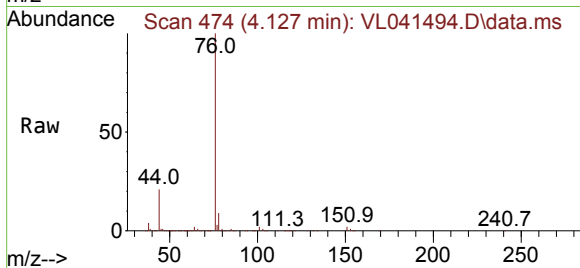




#27
Carbon Disulfide
Concen: 11.426 ppbv
RT: 4.127 min Scan# 41
Delta R.T. 0.003 min
Lab File: VL041494.D
Acq: 5 Aug 2024 9:45

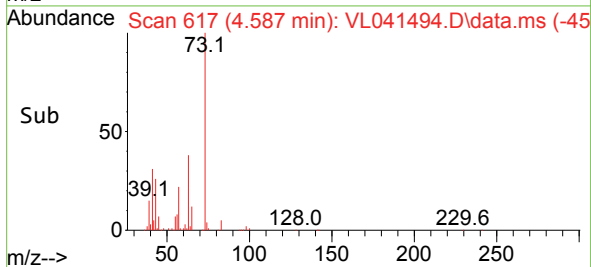
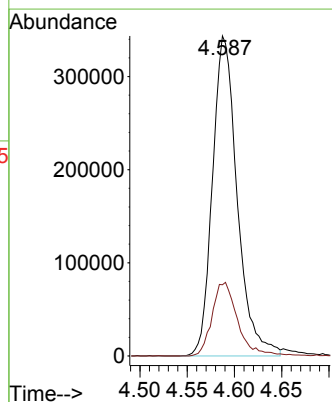
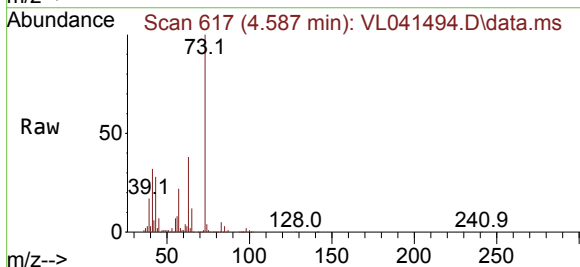
Instrument :
MSVOA_L
ClientSampleId :

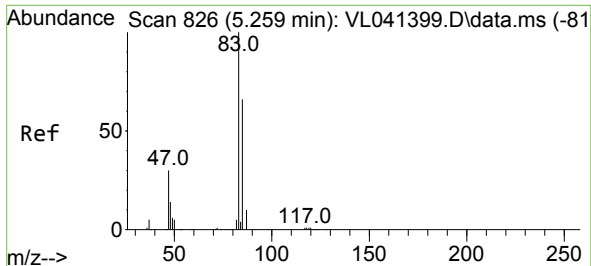
Tgt Ion: 76 Resp: 1220813
Ion Ratio Lower Upper
76 100
44 20.0 15.6 23.4
78 9.2 7.7 11.5



#28
Methyl tert-Butyl Ether
Concen: 10.861 ppbv
RT: 4.587 min Scan# 617
Delta R.T. 0.006 min
Lab File: VL041494.D
Acq: 5 Aug 2024 9:45

Tgt Ion: 73 Resp: 625556
Ion Ratio Lower Upper
73 100
57 24.0 18.9 28.3





#29

Chloroform

Concen: 10.734 ppbv

RT: 5.275 min Scan# 81

Delta R.T. 0.003 min

Lab File: VL041494.D

Acq: 5 Aug 2024 9:45

Instrument :

MSVOA_L

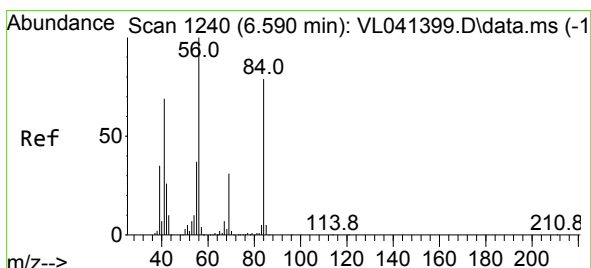
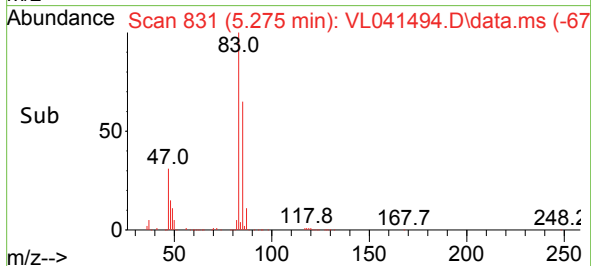
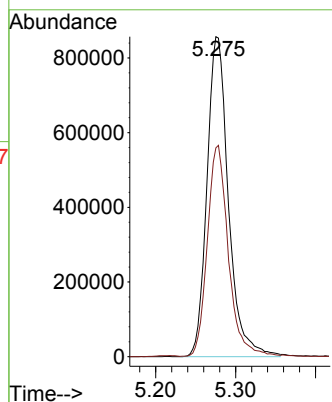
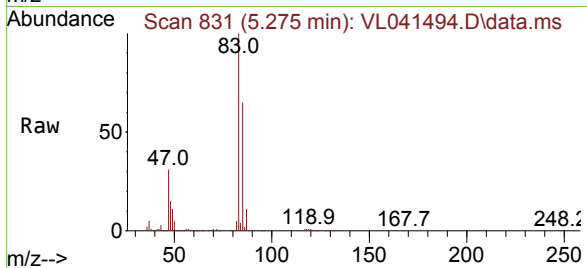
ClientSampleId :

Tgt Ion: 83 Resp: 1599129

Ion Ratio Lower Upper

83 100

85 65.2 53.1 79.7



#30

Cyclohexane

Concen: 11.767 ppbv

RT: 6.600 min Scan# 1243

Delta R.T. 0.003 min

Lab File: VL041494.D

Acq: 5 Aug 2024 9:45

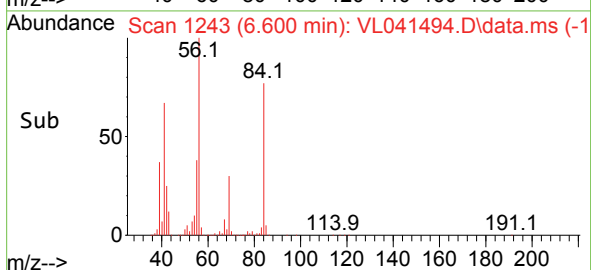
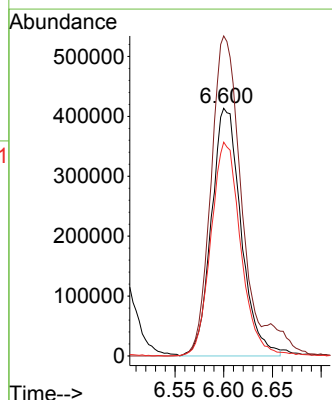
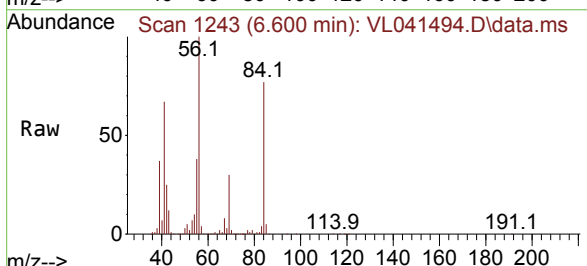
Tgt Ion: 84 Resp: 875179

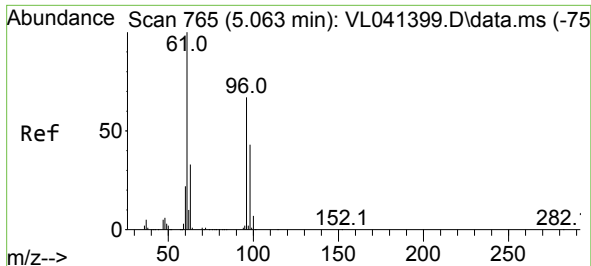
Ion Ratio Lower Upper

84 100

56 137.7 111.2 166.8

41 87.3 70.3 105.5

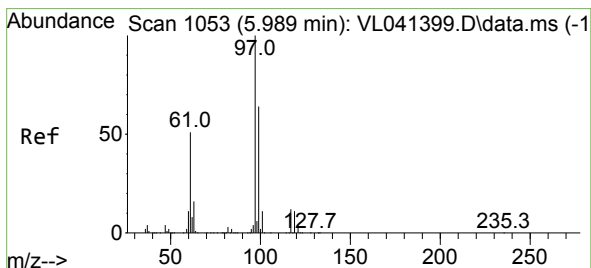
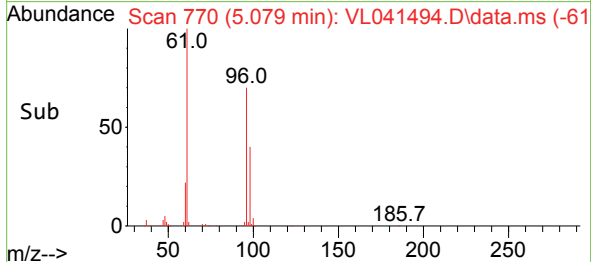
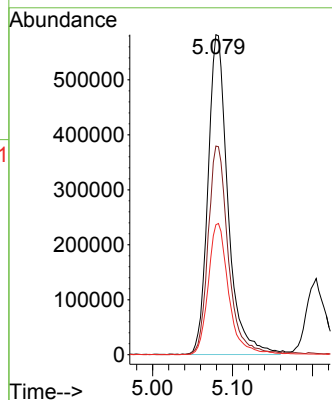
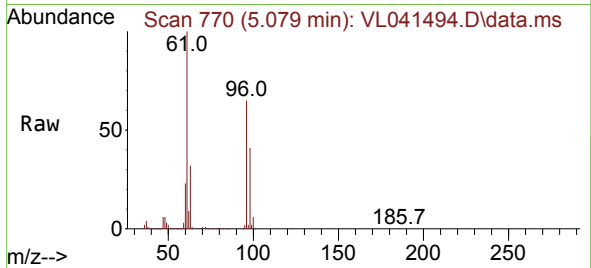




#31
 cis-1,2-Dichloroethene
 Concen: 11.194 ppbv
 RT: 5.079 min Scan# 71
 Delta R.T. 0.003 min
 Lab File: VL041494.D
 Acq: 5 Aug 2024 9:45

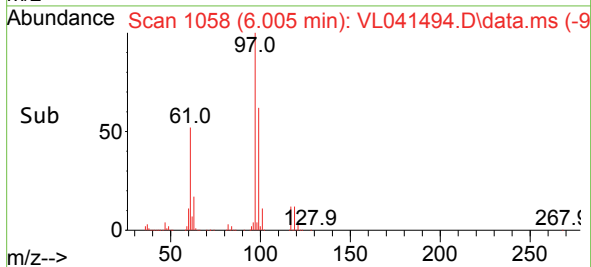
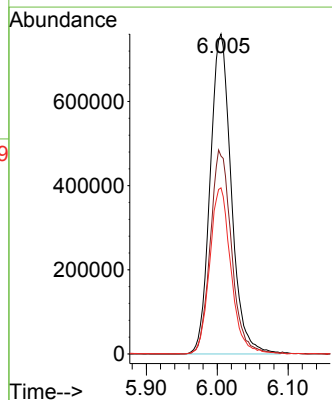
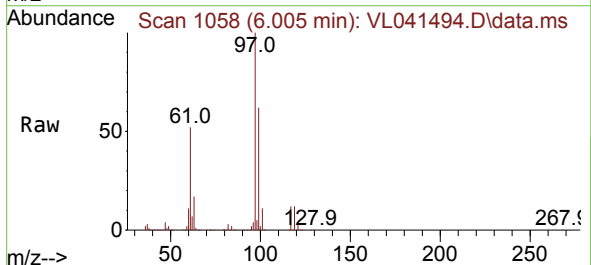
Instrument :
 MSVOA_L
 ClientSampleId :

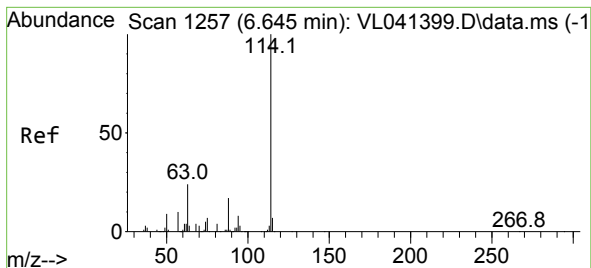
Tgt Ion: 61 Resp: 1010018
 Ion Ratio Lower Upper
 61 100
 96 65.2 53.4 80.2
 98 40.6 34.4 51.6



#32
 1,1,1-Trichloroethane
 Concen: 10.850 ppbv
 RT: 6.005 min Scan# 1058
 Delta R.T. 0.006 min
 Lab File: VL041494.D
 Acq: 5 Aug 2024 9:45

Tgt Ion: 97 Resp: 1573441
 Ion Ratio Lower Upper
 97 100
 99 64.3 52.0 78.0
 61 52.1 41.8 62.8





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.655 min Scan# 11

Delta R.T. 0.006 min

Lab File: VL041494.D

Acq: 5 Aug 2024 9:45

Instrument :

MSVOA_L

ClientSampleId :

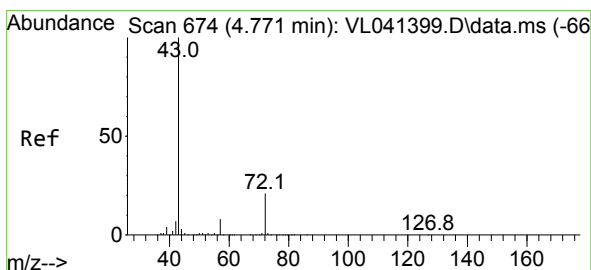
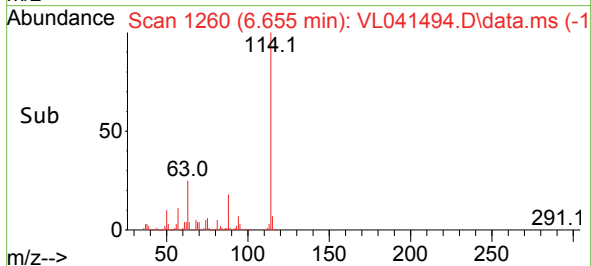
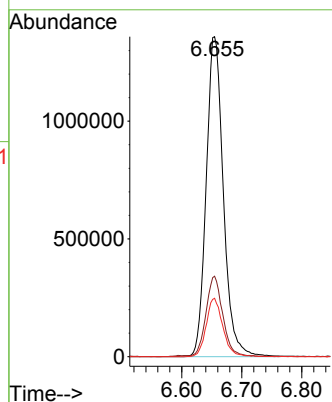
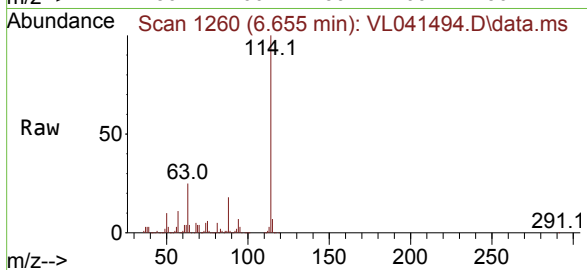
Tgt Ion:114 Resp: 2709541

Ion Ratio Lower Upper

114 100

63 25.3 20.3 30.5

88 17.7 14.3 21.5



#34

2-Butanone

Concen: 11.115 ppbv

RT: 4.787 min Scan# 679

Delta R.T. 0.003 min

Lab File: VL041494.D

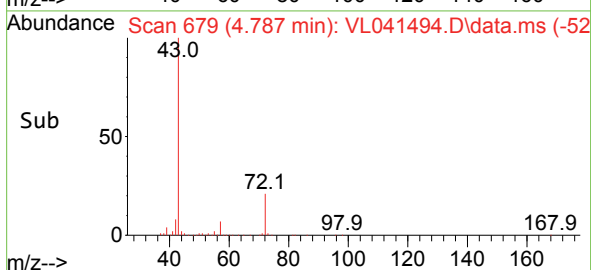
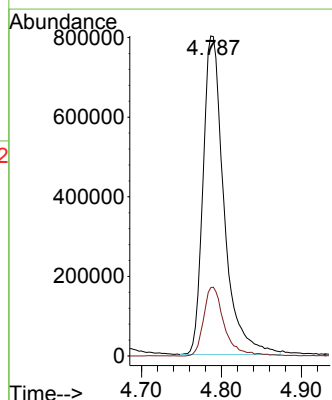
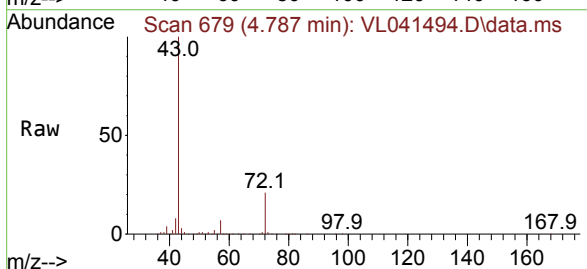
Acq: 5 Aug 2024 9:45

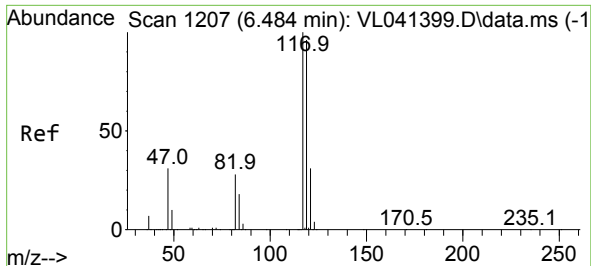
Tgt Ion: 43 Resp: 1456777

Ion Ratio Lower Upper

43 100

72 21.3 17.3 25.9

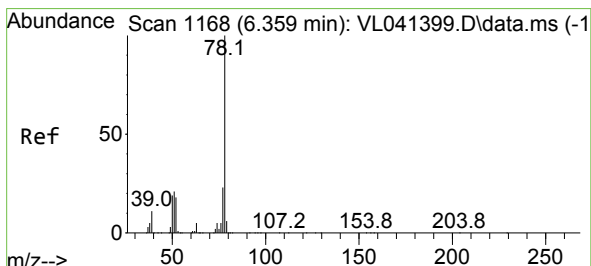
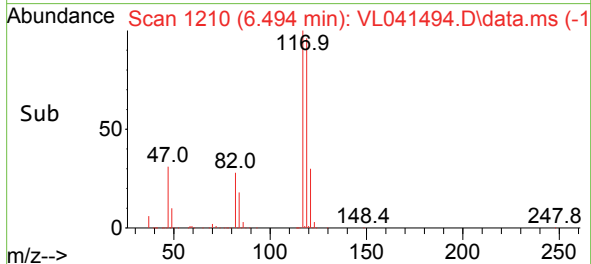
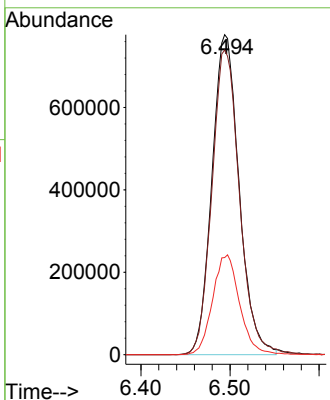
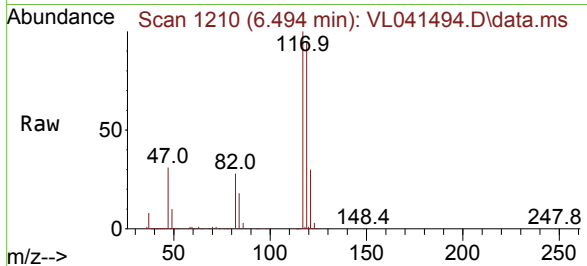




#35
Carbon Tetrachloride
Concen: 10.992 ppbv
RT: 6.494 min Scan# 1172
Delta R.T. 0.003 min
Lab File: VL041494.D
Acq: 5 Aug 2024 9:45

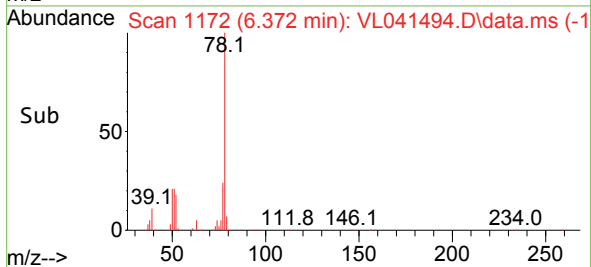
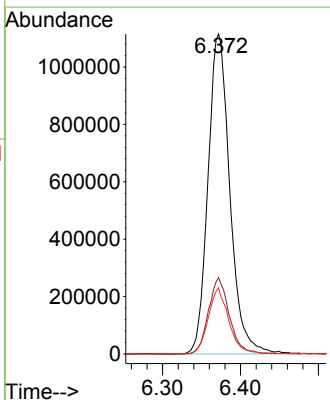
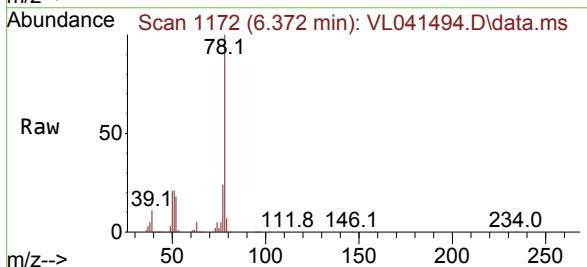
Instrument :
MSVOA_L
ClientSampleId :

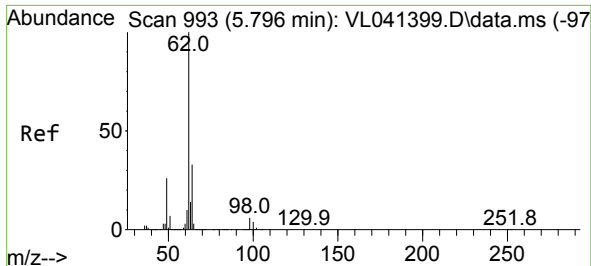
Tgt Ion:117 Resp: 1642762
Ion Ratio Lower Upper
117 100
119 95.2 76.6 115.0
121 30.4 25.1 37.7



#36
Benzene
Concen: 10.972 ppbv
RT: 6.372 min Scan# 1172
Delta R.T. 0.003 min
Lab File: VL041494.D
Acq: 5 Aug 2024 9:45

Tgt Ion: 78 Resp: 2172403
Ion Ratio Lower Upper
78 100
77 23.8 18.1 27.1
50 20.6 15.5 23.3





#37

1,2-Dichloroethane

Concen: 10.976 ppbv

RT: 5.809 min Scan# 993

Delta R.T. 0.003 min

Lab File: VL041494.D

Acq: 5 Aug 2024 9:45

Instrument :

MSVOA_L

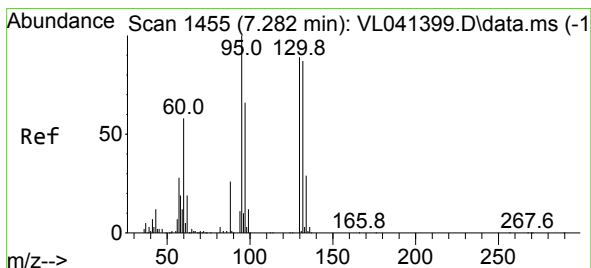
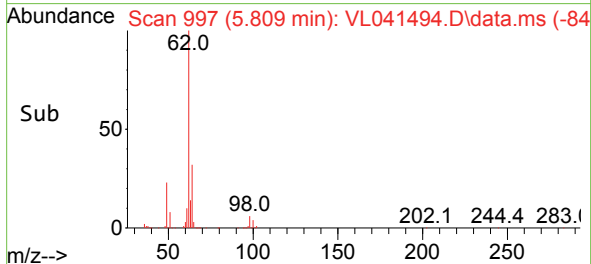
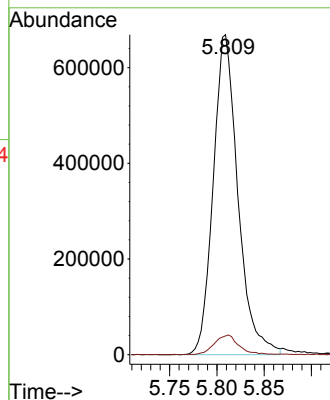
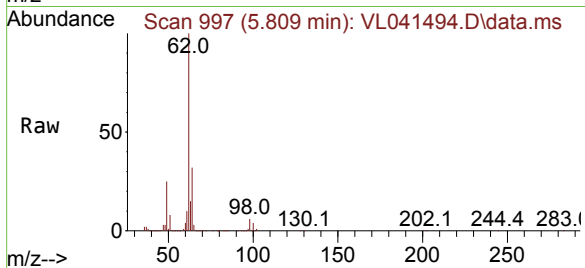
ClientSampleId :

Tgt Ion: 62 Resp: 1216251

Ion Ratio Lower Upper

62 100

98 6.4 5.0 7.4



#38

Trichloroethene

Concen: 10.845 ppbv

RT: 7.291 min Scan# 1458

Delta R.T. 0.003 min

Lab File: VL041494.D

Acq: 5 Aug 2024 9:45

Tgt Ion:130 Resp: 983640

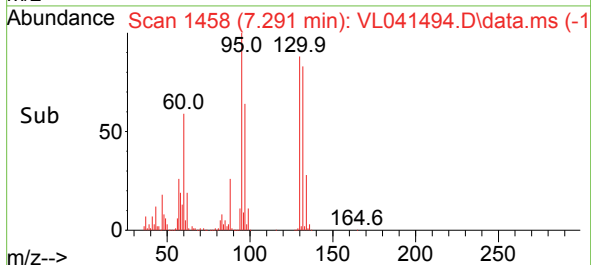
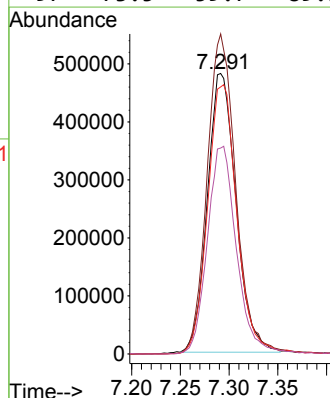
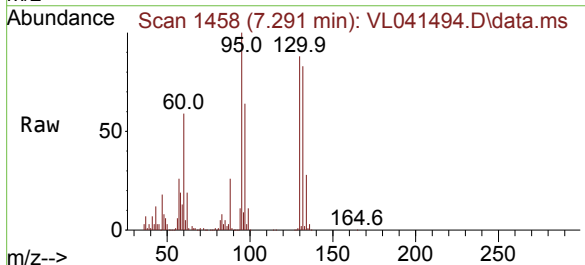
Ion Ratio Lower Upper

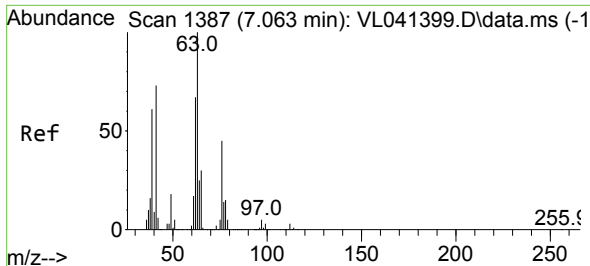
130 100

95 114.4 90.2 135.2

132 95.5 78.1 117.1

97 73.5 59.7 89.5

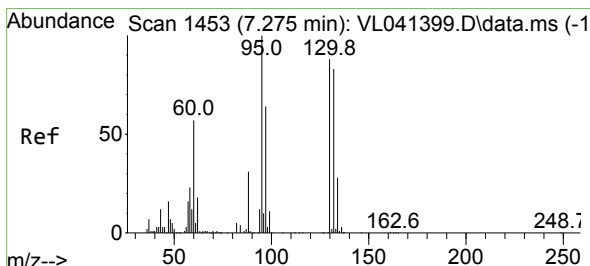
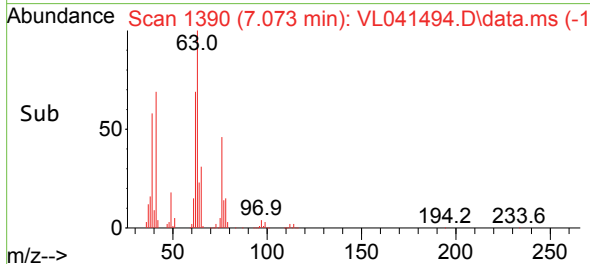
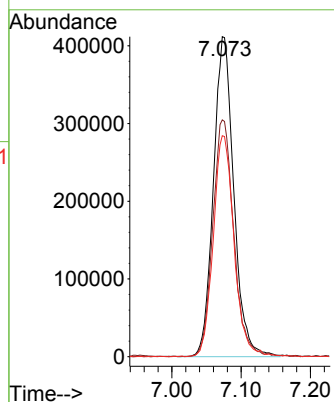
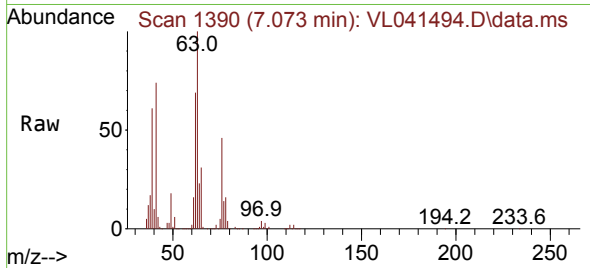




#39
1,2-Dichloropropane
Concen: 11.077 ppbv
RT: 7.073 min Scan# 11
Delta R.T. 0.003 min
Lab File: VL041494.D
Acq: 5 Aug 2024 9:45

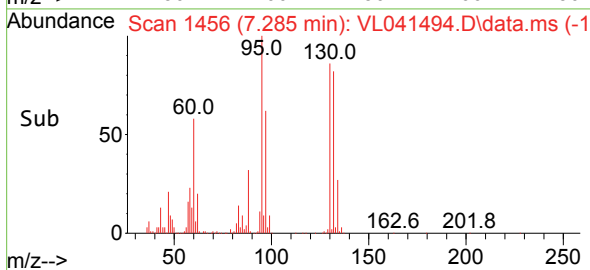
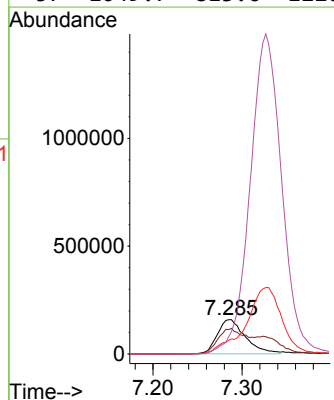
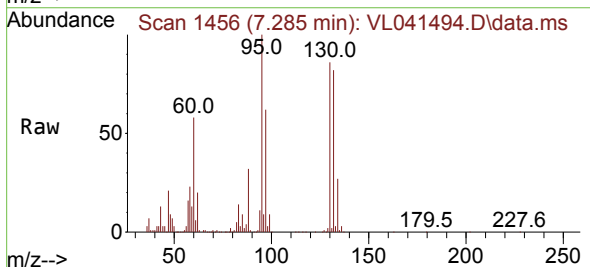
Instrument :
MSVOA_L
ClientSampleId :

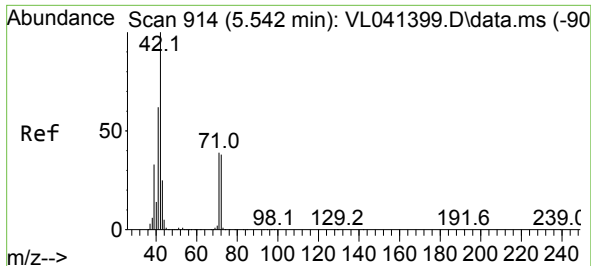
Tgt Ion: 63 Resp: 839633
Ion Ratio Lower Upper
63 100
41 73.9 58.3 87.5
62 68.9 53.9 80.9



#40
1,4-Dioxane
Concen: 11.485 ppbv
RT: 7.285 min Scan# 1456
Delta R.T. 0.006 min
Lab File: VL041494.D
Acq: 5 Aug 2024 9:45

Tgt Ion: 88 Resp: 349724
Ion Ratio Lower Upper
88 100
58 122.7 95.8 143.6
43 248.6 188.2 282.2
57 1049.7 813.6 1220.4





#41

Tetrahydrofuran

Concen: 11.719 ppbv

RT: 5.558 min Scan# 914

Delta R.T. 0.006 min

Lab File: VL041494.D

Acq: 5 Aug 2024 9:45

Instrument :

MSVOA_L

ClientSampleId :

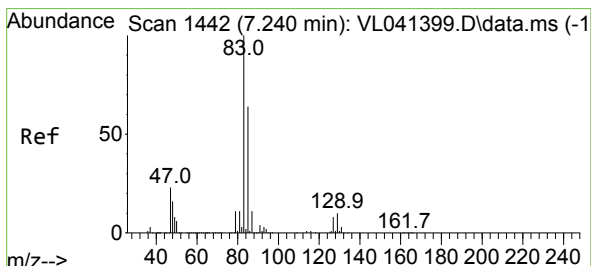
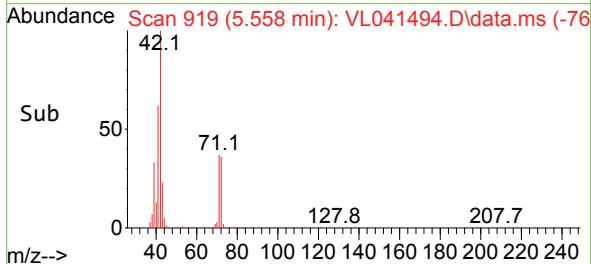
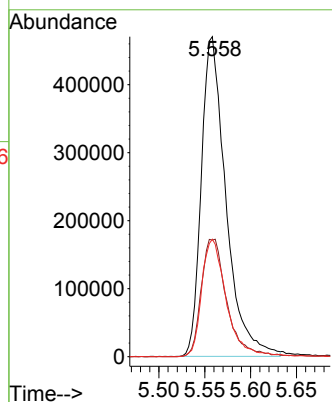
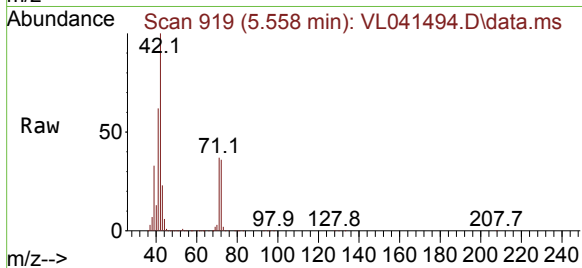
Tgt Ion: 42 Resp: 878533

Ion Ratio Lower Upper

42 100

72 38.5 31.2 46.8

71 37.2 30.5 45.7



#42

Bromodichloromethane

Concen: 10.942 ppbv

RT: 7.250 min Scan# 1445

Delta R.T. 0.003 min

Lab File: VL041494.D

Acq: 5 Aug 2024 9:45

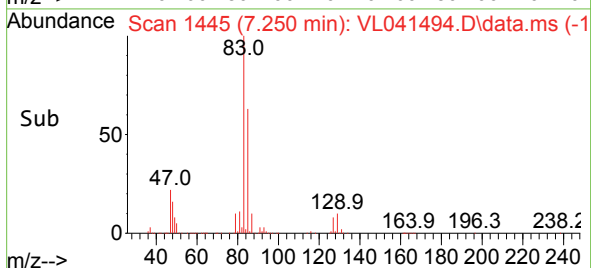
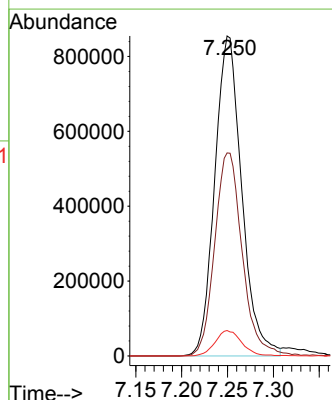
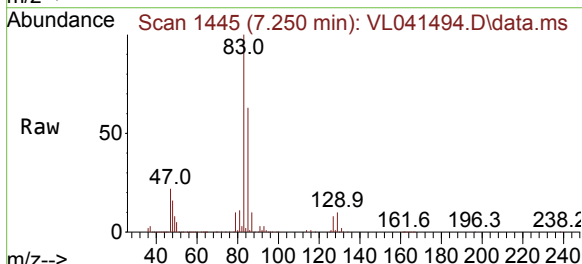
Tgt Ion: 83 Resp: 1750813

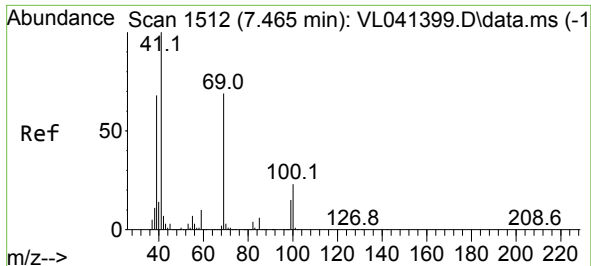
Ion Ratio Lower Upper

83 100

85 63.4 51.4 77.0

127 8.0 6.7 10.1

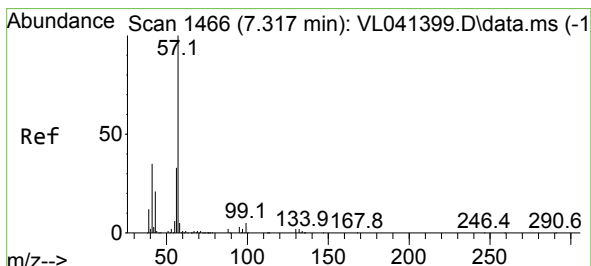
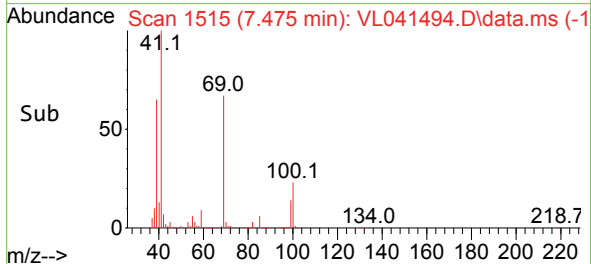
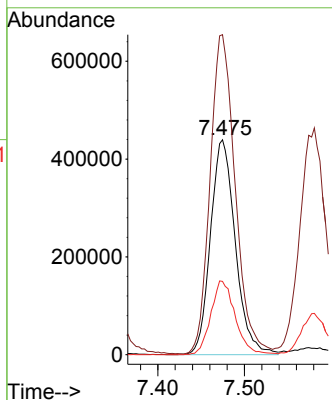
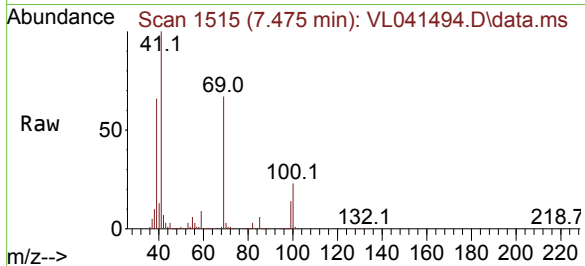




#43
Methyl Methacrylate
Concen: 12.343 ppbv
RT: 7.475 min Scan# 1515
Delta R.T. 0.006 min
Lab File: VL041494.D
Acq: 5 Aug 2024 9:45

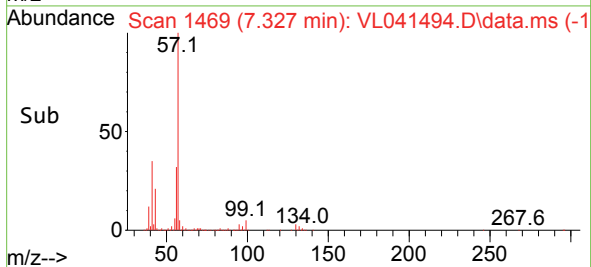
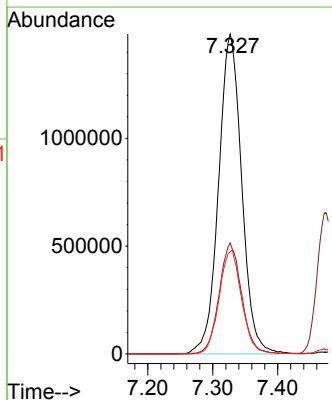
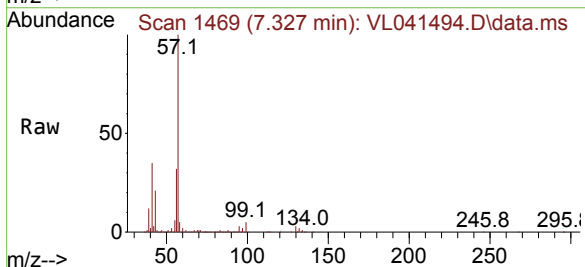
Instrument :
MSVOA_L
ClientSampleId :

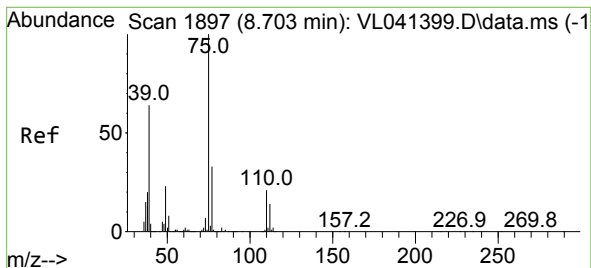
Tgt Ion: 69 Resp: 876343
Ion Ratio Lower Upper
69 100
41 150.7 118.7 178.1
100 33.7 27.0 40.4



#44
2,2,4-Trimethylpentane
Concen: 11.071 ppbv
RT: 7.327 min Scan# 1469
Delta R.T. 0.006 min
Lab File: VL041494.D
Acq: 5 Aug 2024 9:45

Tgt Ion: 57 Resp: 3660923
Ion Ratio Lower Upper
57 100
41 33.9 27.0 40.6
56 31.6 25.2 37.8





#45

t-1,3-Dichloropropene

Concen: 13.496 ppbv

RT: 8.712 min Scan# 1900

Delta R.T. 0.006 min

Lab File: VL041494.D

Acq: 5 Aug 2024 9:45

Instrument :

MSVOA_L

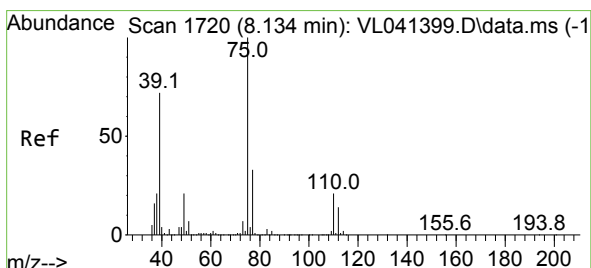
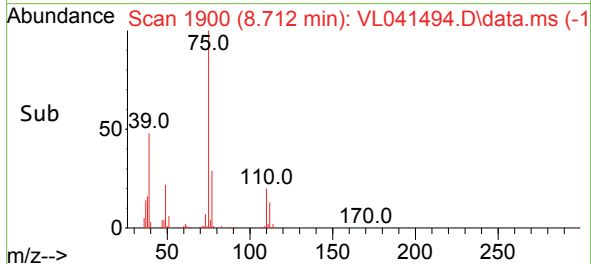
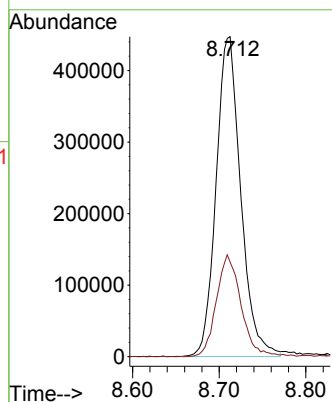
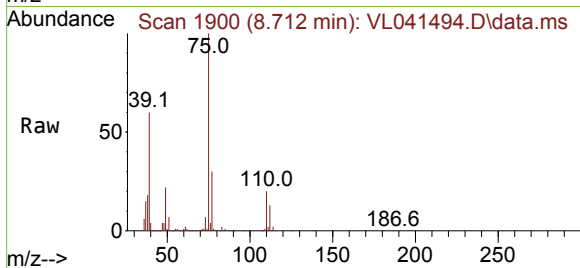
ClientSampleId :

Tgt Ion: 75 Resp: 881917

Ion Ratio Lower Upper

75 100

77 29.6 26.5 39.7



#46

cis-1,3-Dichloropropene

Concen: 12.469 ppbv

RT: 8.140 min Scan# 1722

Delta R.T. -0.000 min

Lab File: VL041494.D

Acq: 5 Aug 2024 9:45

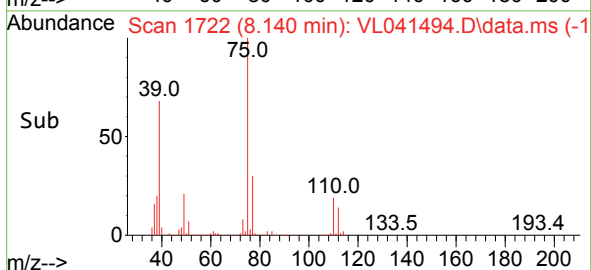
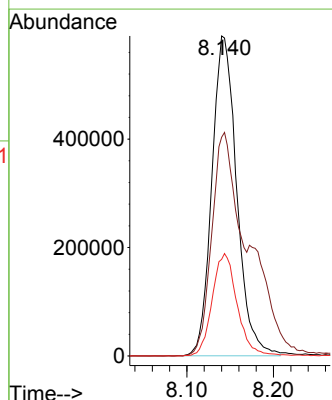
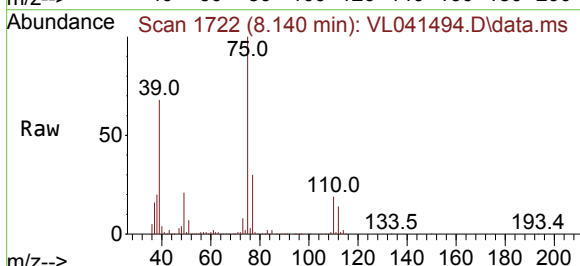
Tgt Ion: 75 Resp: 1176596

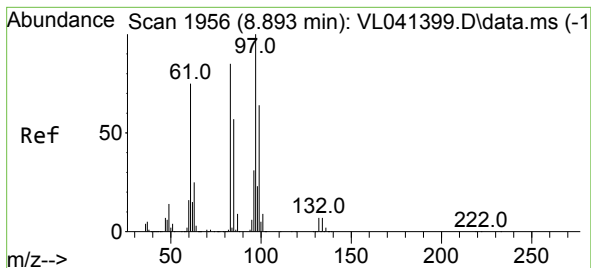
Ion Ratio Lower Upper

75 100

39 68.2 57.3 85.9

77 30.2 26.2 39.2





#47

1,1,2-Trichloroethane

Concen: 10.976 ppbv

RT: 8.896 min Scan# 1956

Delta R.T. 0.003 min

Lab File: VL041494.D

Acq: 5 Aug 2024 9:45

Instrument :

MSVOA_L

ClientSampleId :

Tgt Ion: 97 Resp: 917081

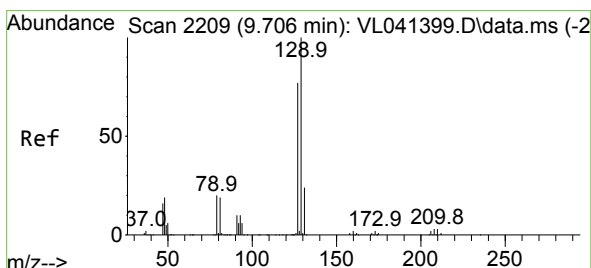
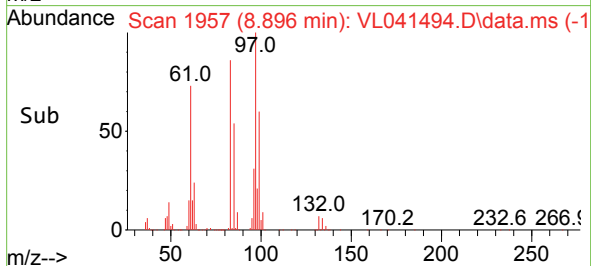
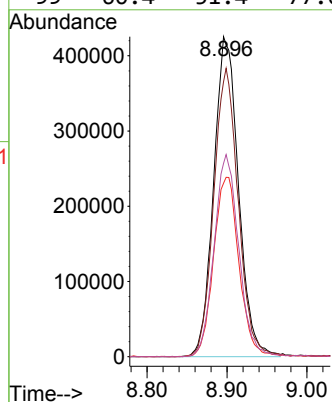
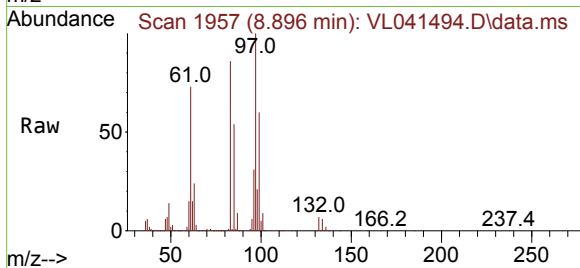
Ion Ratio Lower Upper

97 100

83 85.9 67.6 101.4

85 54.1 45.9 68.9

99 60.4 51.4 77.0



#48

Dibromochloromethane

Concen: 11.263 ppbv

RT: 9.709 min Scan# 2210

Delta R.T. 0.003 min

Lab File: VL041494.D

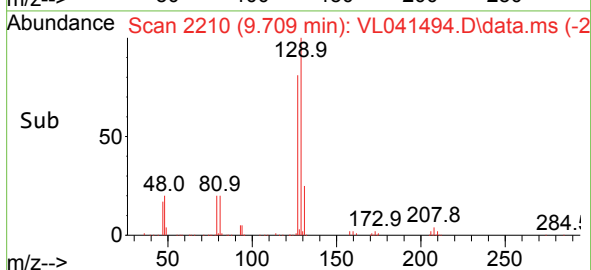
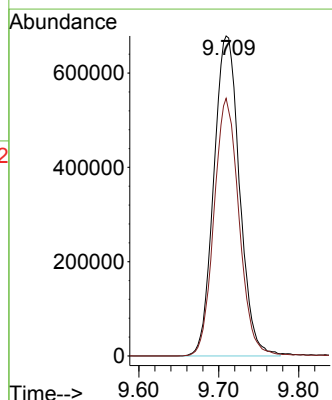
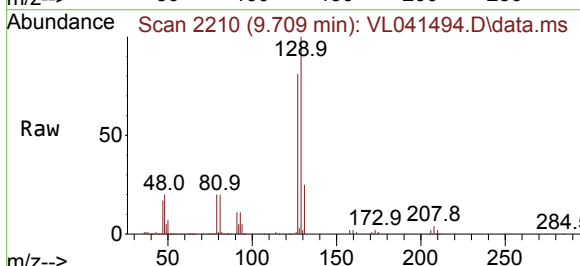
Acq: 5 Aug 2024 9:45

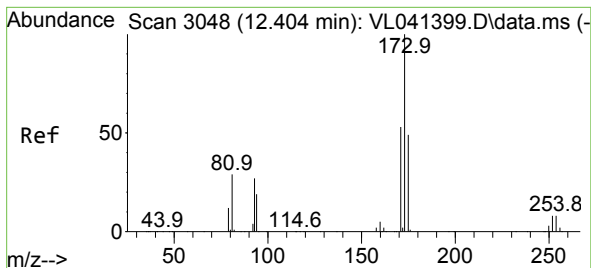
Tgt Ion: 129 Resp: 1515958

Ion Ratio Lower Upper

129 100

127 78.6 39.3 117.8





#49

Bromoform

Concen: 11.580 ppbv

RT: 12.404 min Scan# 3048

Delta R.T. 0.003 min

Lab File: VL041494.D

Acq: 5 Aug 2024 9:45

Instrument :

MSVOA_L

ClientSampleId :

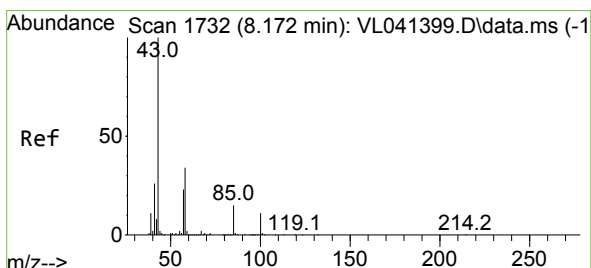
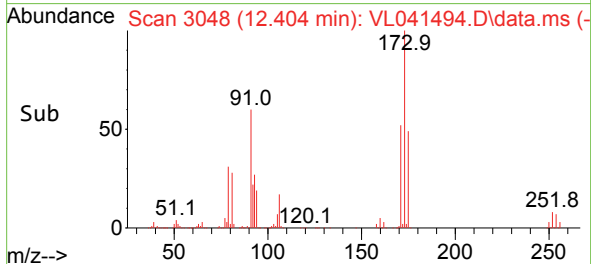
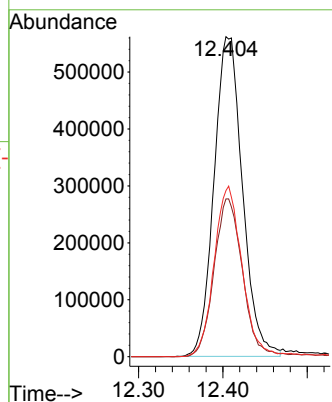
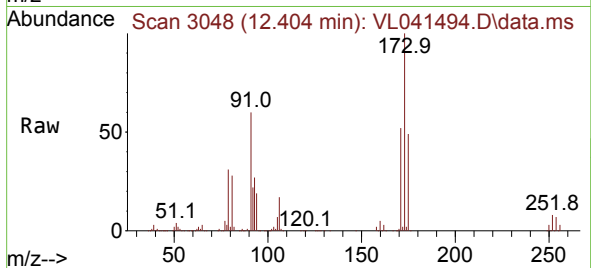
Tgt Ion:173 Resp: 1316636

Ion Ratio Lower Upper

173 100

175 50.6 39.9 59.9

171 53.8 41.7 62.5



#50

4-Methyl-2-Pentanone

Concen: 11.774 ppbv

RT: 8.179 min Scan# 1734

Delta R.T. 0.003 min

Lab File: VL041494.D

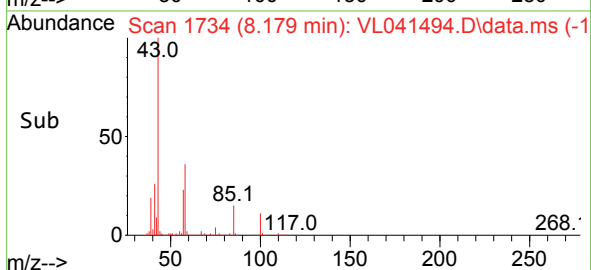
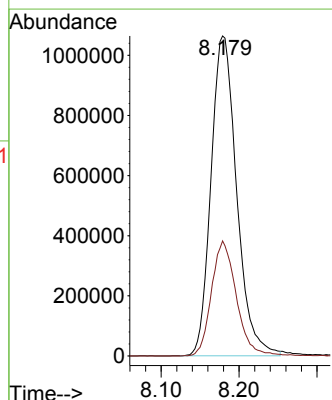
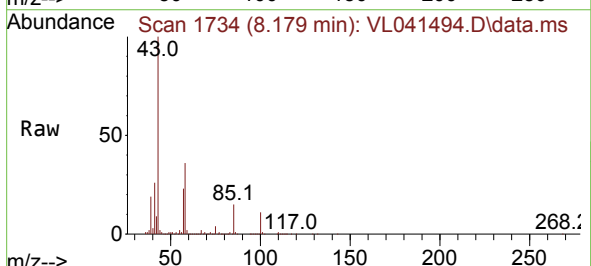
Acq: 5 Aug 2024 9:45

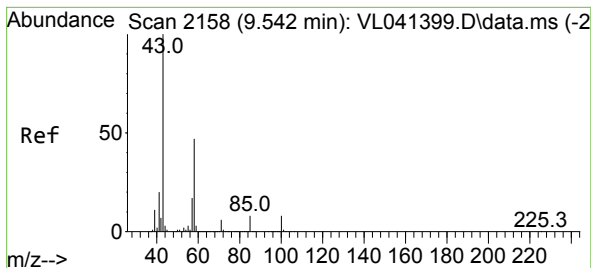
Tgt Ion: 43 Resp: 2434750

Ion Ratio Lower Upper

43 100

58 35.1 27.9 41.9





#51

2-Hexanone

Concen: 12.736 ppbv

RT: 9.548 min Scan# 2158

Delta R.T. 0.003 min

Lab File: VL041494.D

Acq: 5 Aug 2024 9:45

Instrument :

MSVOA_L

ClientSampleId :

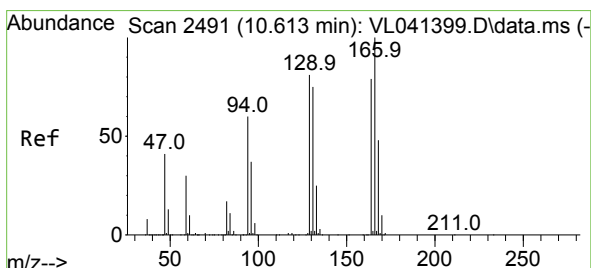
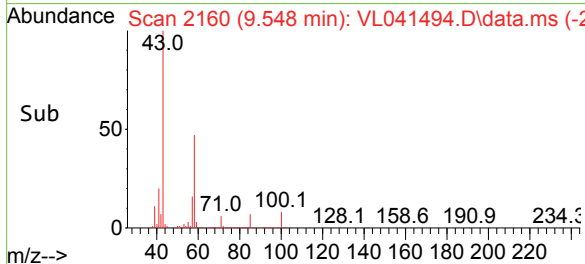
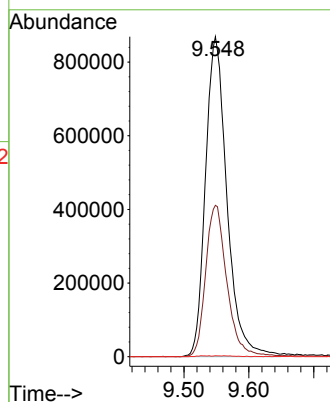
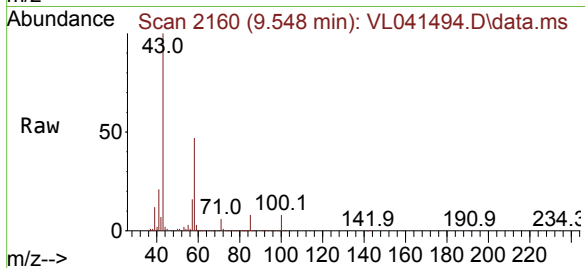
Tgt Ion: 43 Resp: 1991523

Ion Ratio Lower Upper

43 100

58 47.4 38.2 57.2

98 0.2 0.3 0.5#



#52

Tetrachloroethene

Concen: 10.920 ppbv

RT: 10.616 min Scan# 2492

Delta R.T. 0.003 min

Lab File: VL041494.D

Acq: 5 Aug 2024 9:45

Tgt Ion:164 Resp: 835405

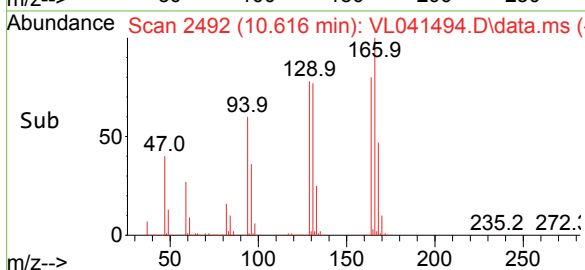
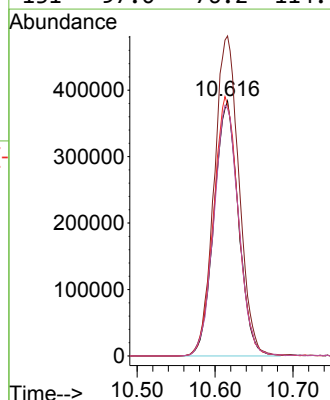
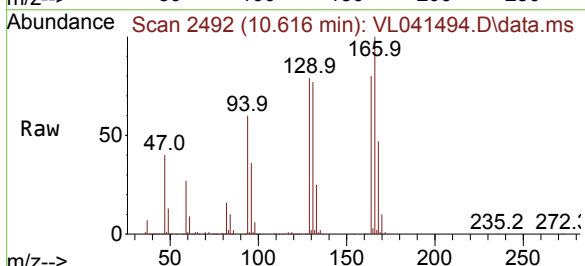
Ion Ratio Lower Upper

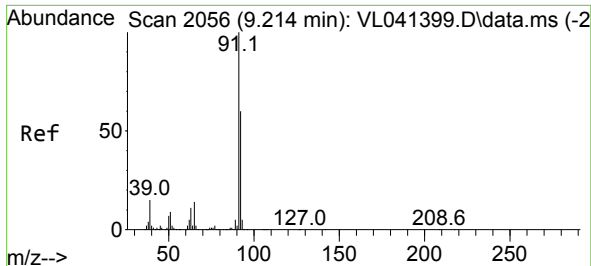
164 100

166 125.4 101.1 151.7

129 98.5 81.7 122.5

131 97.0 76.2 114.4

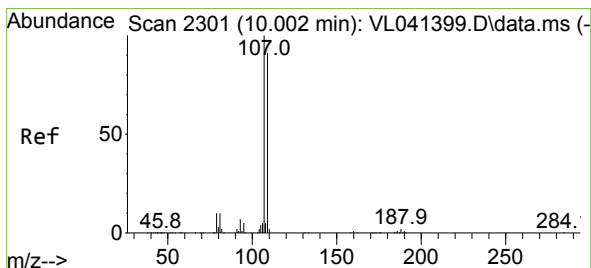
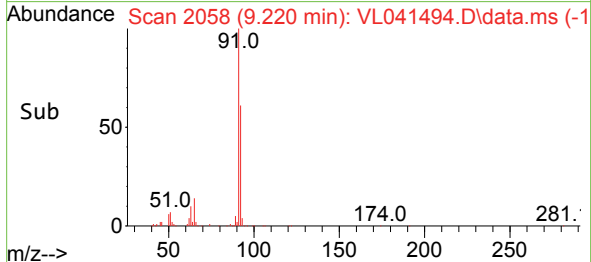
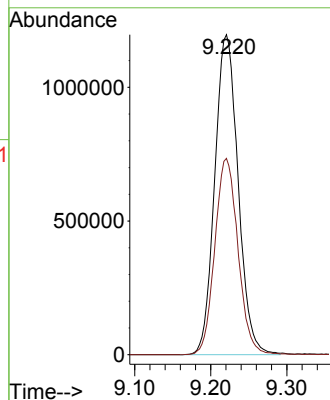
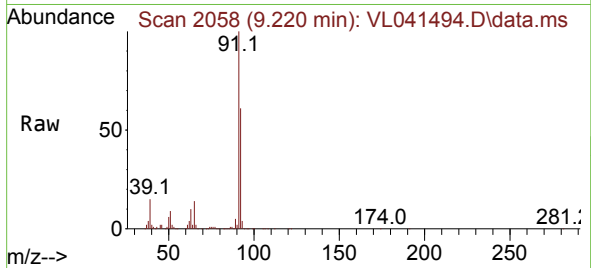




#53
Toluene
Concen: 11.589 ppbv
RT: 9.220 min Scan# 2056
Delta R.T. 0.003 min
Lab File: VL041494.D
Acq: 5 Aug 2024 9:45

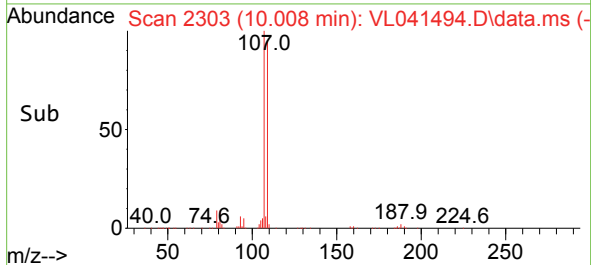
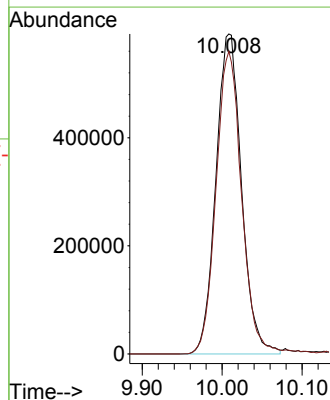
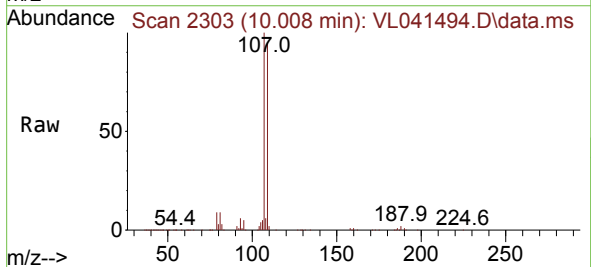
Instrument :
MSVOA_L
ClientSampleId :

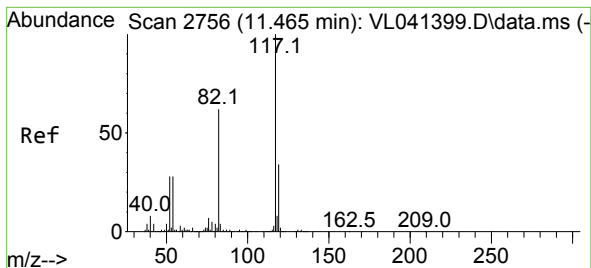
Tgt Ion: 91 Resp: 2555613
Ion Ratio Lower Upper
91 100
92 61.1 48.7 73.1



#54
1,2-Dibromoethane
Concen: 11.818 ppbv
RT: 10.008 min Scan# 2303
Delta R.T. 0.003 min
Lab File: VL041494.D
Acq: 5 Aug 2024 9:45

Tgt Ion: 107 Resp: 1314243
Ion Ratio Lower Upper
107 100
109 94.6 72.7 109.1





#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 11.465 min Scan# 21

Delta R.T. 0.003 min

Lab File: VL041494.D

Acq: 5 Aug 2024 9:45

Instrument :

MSVOA_L

ClientSampleId :

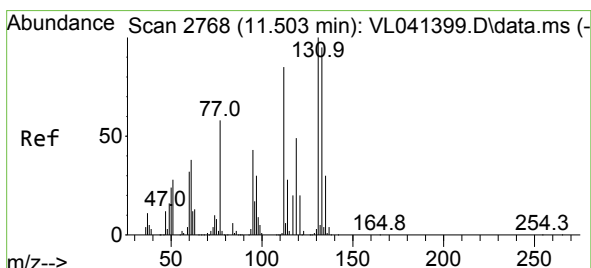
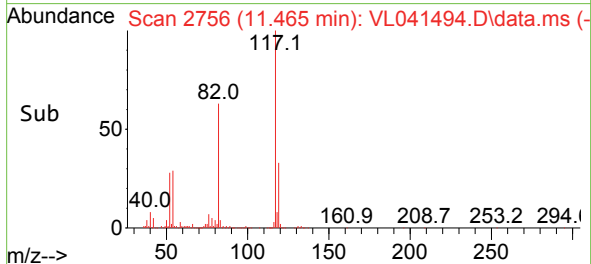
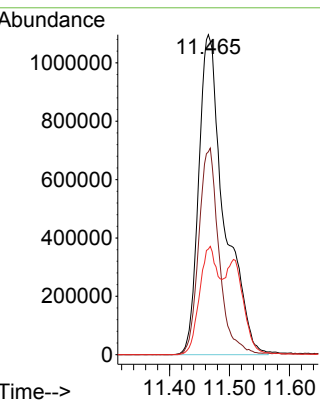
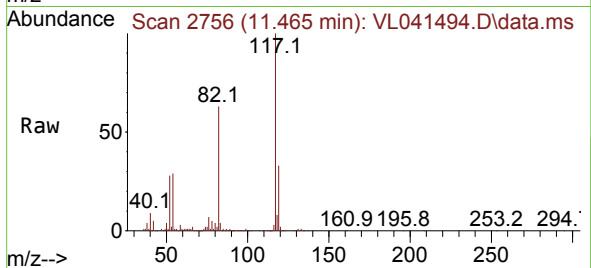
Tgt Ion:117 Resp: 3253413

Ion Ratio Lower Upper

117 100

82 52.0 51.0 76.6

119 24.0 45.2 67.8#



#56

1,1,1,2-Tetrachloroethane

Concen: 8.821 ppbv

RT: 11.507 min Scan# 2769

Delta R.T. 0.003 min

Lab File: VL041494.D

Acq: 5 Aug 2024 9:45

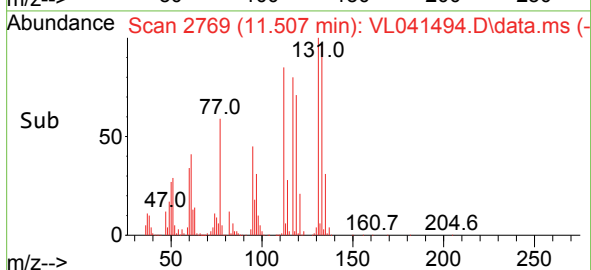
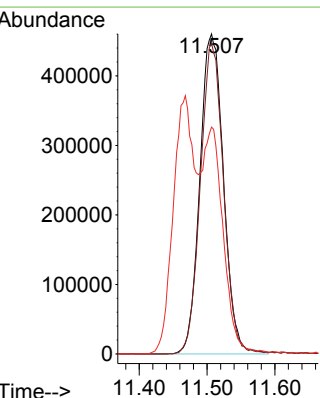
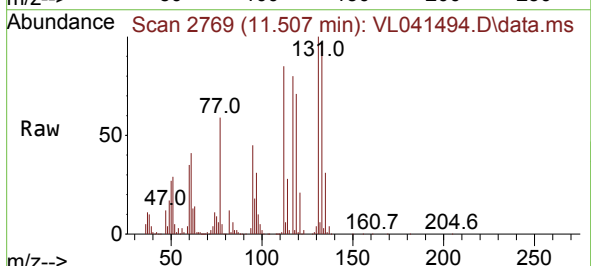
Tgt Ion:131 Resp: 1112981

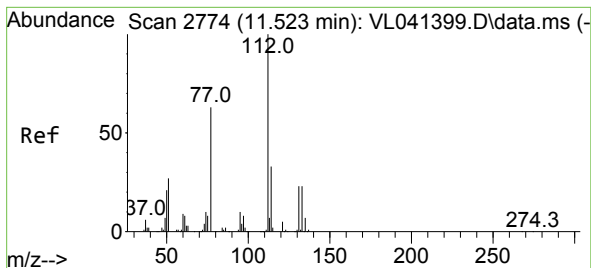
Ion Ratio Lower Upper

131 100

133 95.7 77.0 115.4

119 63.9 121.5 182.3#

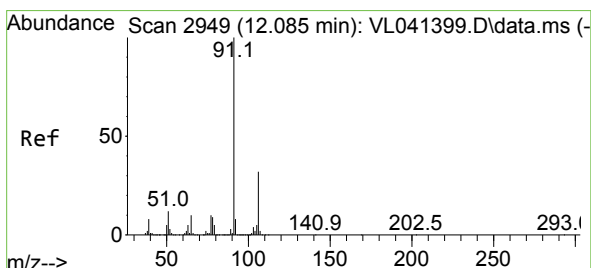
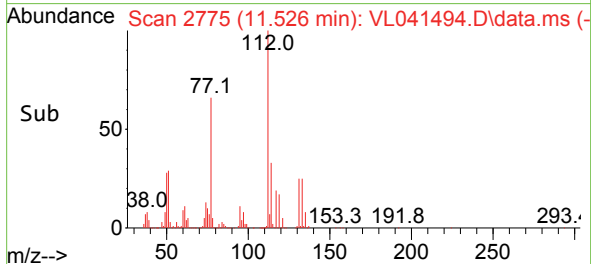
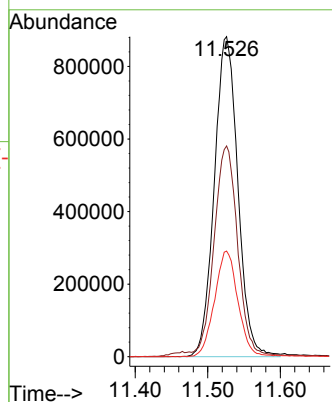
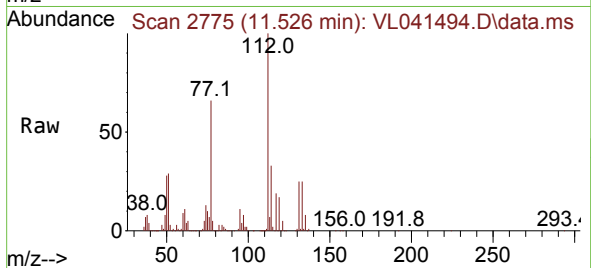




#57
Chlorobenzene
Concen: 8.583 ppbv
RT: 11.526 min Scan# 21
Delta R.T. 0.006 min
Lab File: VL041494.D
Acq: 5 Aug 2024 9:45

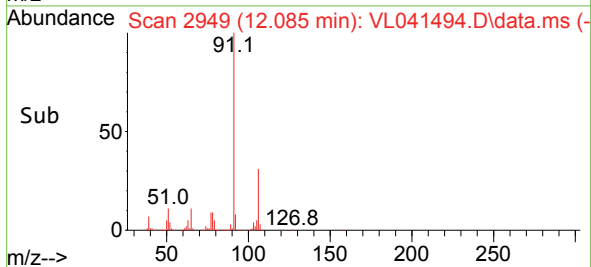
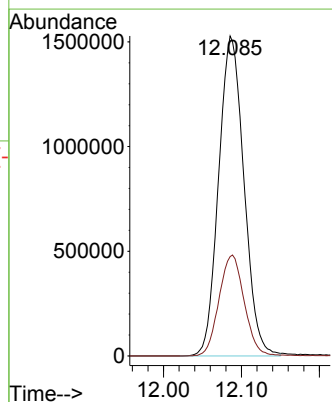
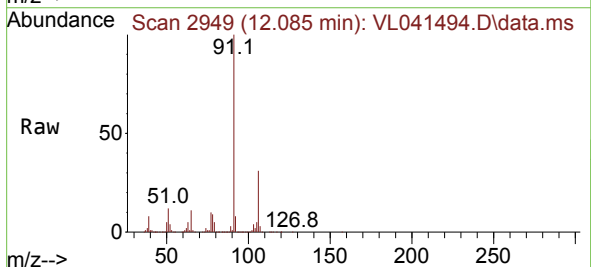
Instrument :
MSVOA_L
ClientSampleId :

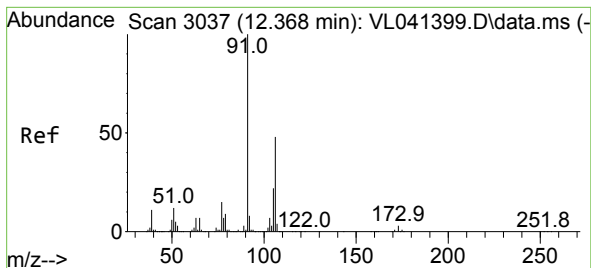
Tgt Ion:112 Resp: 1988133
Ion Ratio Lower Upper
112 100
77 65.4 51.1 76.7
114 33.0 29.5 36.1



#58
Ethyl Benzene
Concen: 9.196 ppbv
RT: 12.085 min Scan# 2949
Delta R.T. -0.000 min
Lab File: VL041494.D
Acq: 5 Aug 2024 9:45

Tgt Ion: 91 Resp: 3448476
Ion Ratio Lower Upper
91 100
106 31.0 25.8 38.8





#59

m/p-Xylene

Concen: 10.582 ppbv

RT: 12.368 min Scan# 3037

Delta R.T. -0.000 min

Lab File: VL041494.D

Acq: 5 Aug 2024 9:45

Instrument :

MSVOA_L

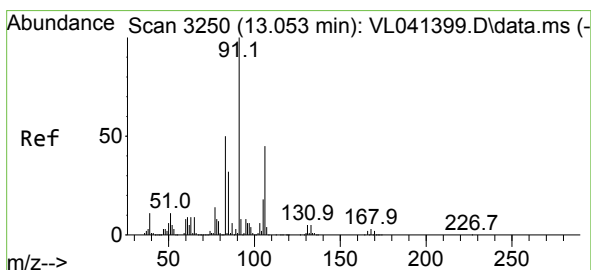
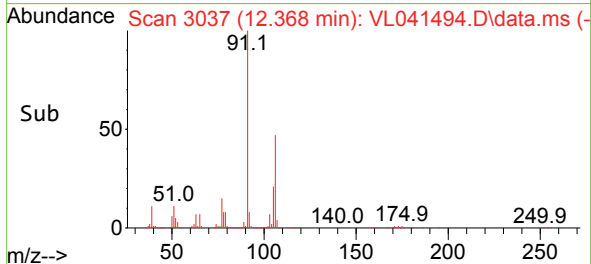
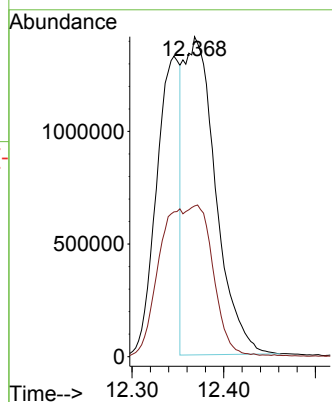
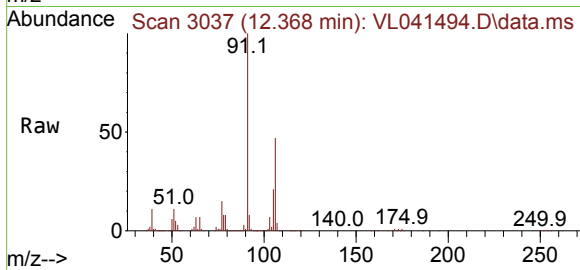
ClientSampleId :

Tgt Ion: 91 Resp: 3425365

Ion Ratio Lower Upper

91 100

106 78.7 36.3 54.5#



#60

o-Xylene

Concen: 9.181 ppbv

RT: 13.056 min Scan# 3251

Delta R.T. 0.003 min

Lab File: VL041494.D

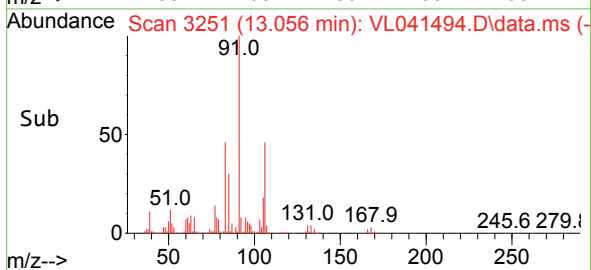
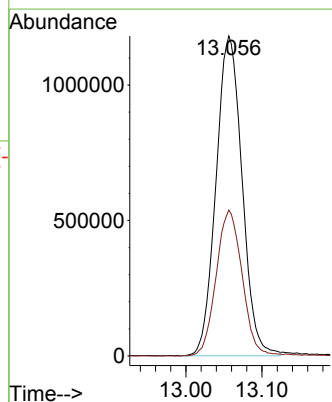
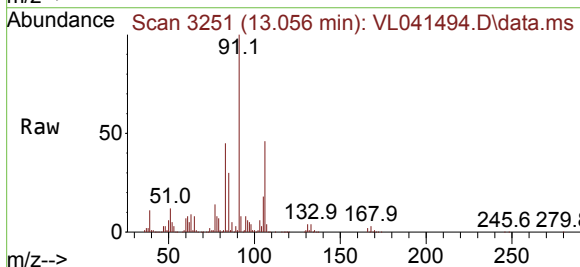
Acq: 5 Aug 2024 9:45

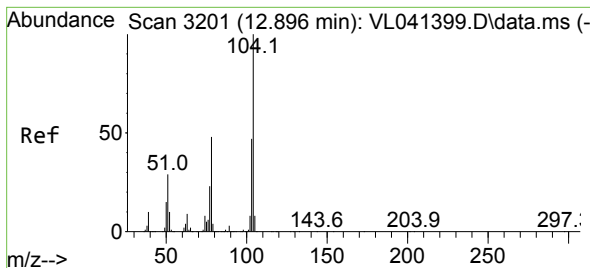
Tgt Ion: 91 Resp: 2811507

Ion Ratio Lower Upper

91 100

106 46.0 23.1 69.3





#61

Styrene

Concen: 10.155 ppbv

RT: 12.896 min Scan# 31

Delta R.T. 0.003 min

Lab File: VL041494.D

Acq: 5 Aug 2024 9:45

Instrument :

MSVOA_L

ClientSampleId :

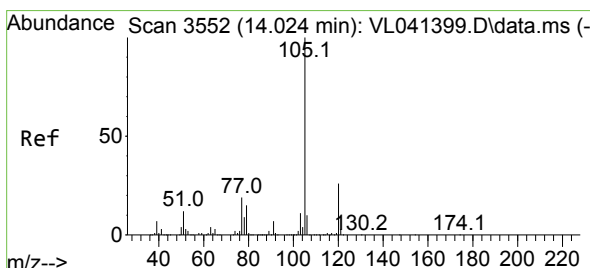
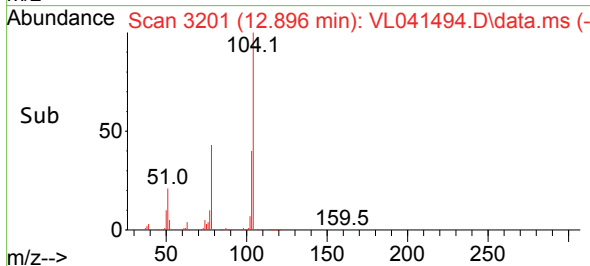
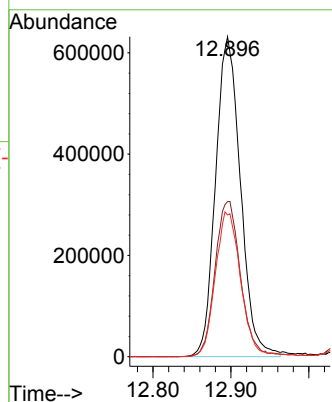
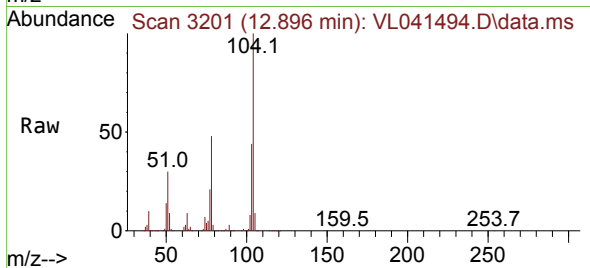
Tgt Ion:104 Resp: 1402971

Ion Ratio Lower Upper

104 100

78 50.1 40.8 61.2

103 46.3 38.2 57.4



#62

Isopropylbenzene

Concen: 8.787 ppbv

RT: 14.027 min Scan# 3553

Delta R.T. 0.006 min

Lab File: VL041494.D

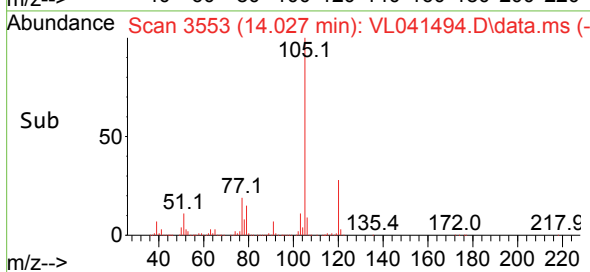
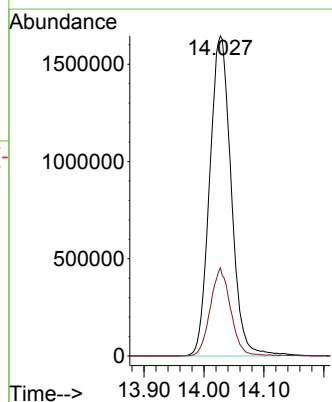
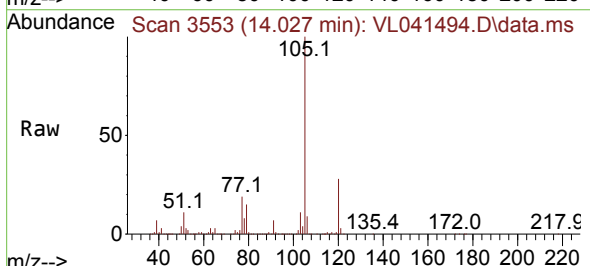
Acq: 5 Aug 2024 9:45

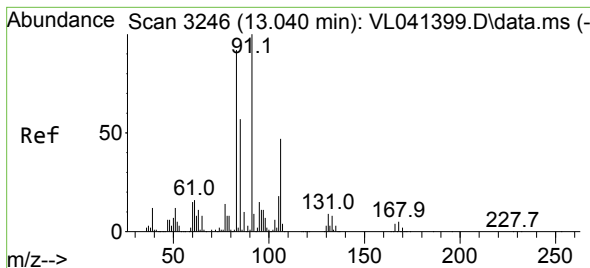
Tgt Ion:105 Resp: 4090508

Ion Ratio Lower Upper

105 100

120 26.2 21.0 31.4

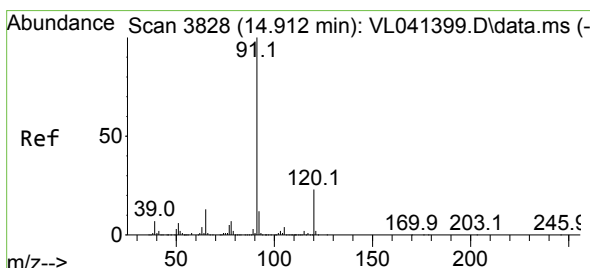
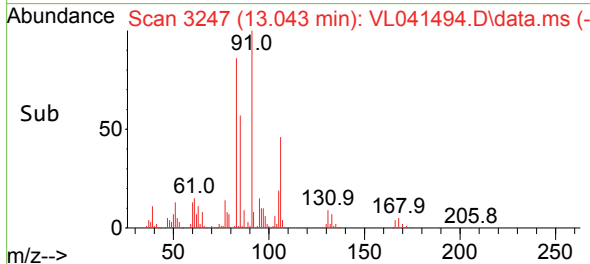
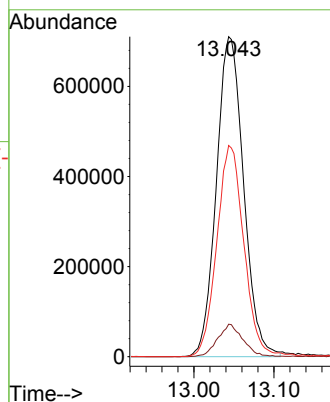
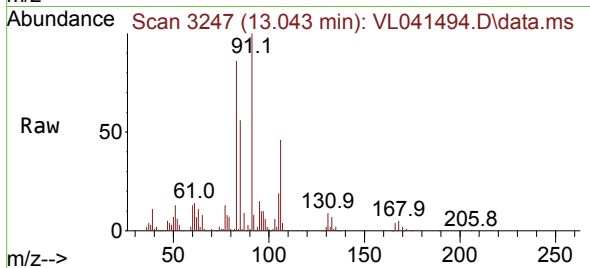




#63
1,1,2,2-Tetrachloroethane
Concen: 8.684 ppbv
RT: 13.043 min Scan# 31
Delta R.T. 0.003 min
Lab File: VL041494.D
Acq: 5 Aug 2024 9:45

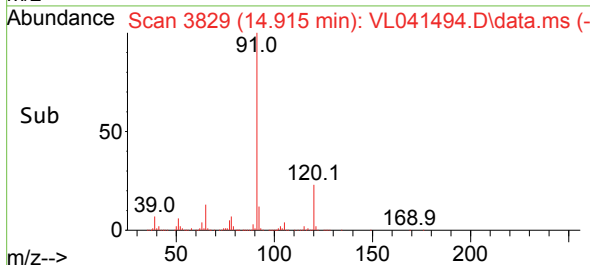
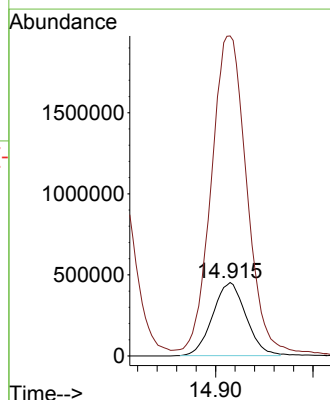
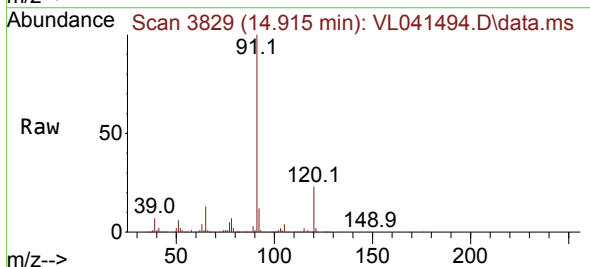
Instrument :
MSVOA_L
ClientSampleId :

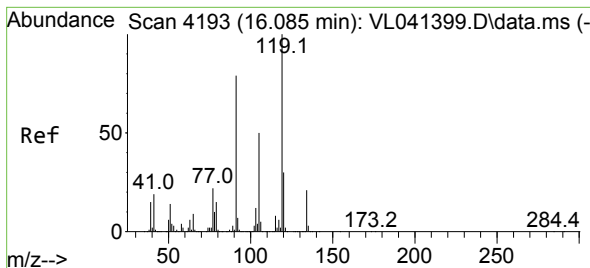
Tgt Ion: 83 Resp: 1679168
Ion Ratio Lower Upper
83 100
131 9.5 4.8 14.4
85 66.5 32.6 98.0



#64
n-propylbenzene
Concen: 8.797 ppbv
RT: 14.915 min Scan# 3829
Delta R.T. 0.003 min
Lab File: VL041494.D
Acq: 5 Aug 2024 9:45

Tgt Ion:120 Resp: 1070699
Ion Ratio Lower Upper
120 100
91 473.3 361.4 542.0

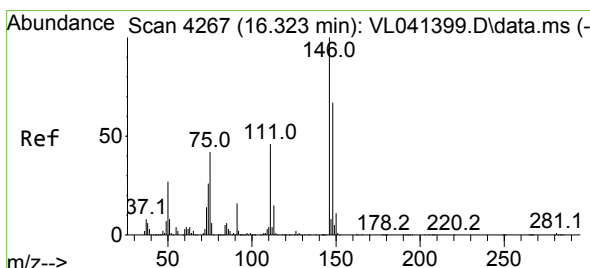
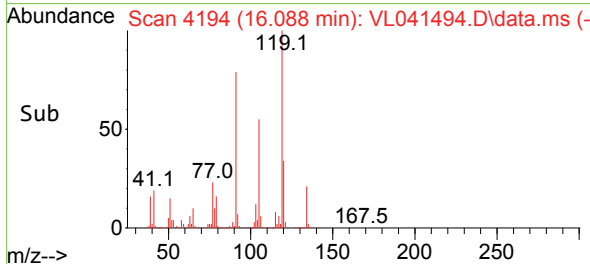
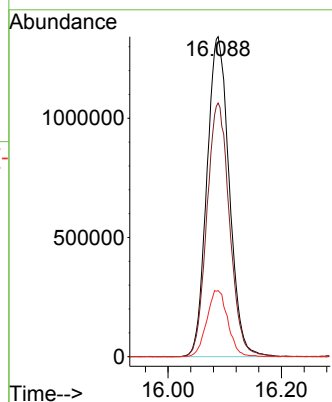
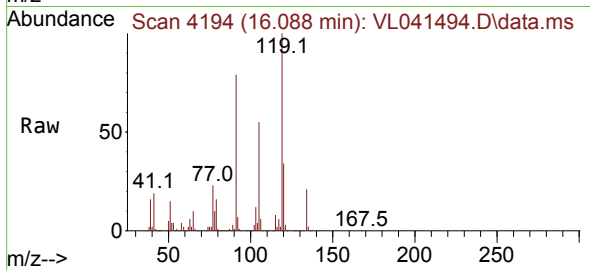




#65
tert-Butylbenzene
Concen: 8.741 ppbv
RT: 16.088 min Scan# 4193
Delta R.T. 0.006 min
Lab File: VL041494.D
Acq: 5 Aug 2024 9:45

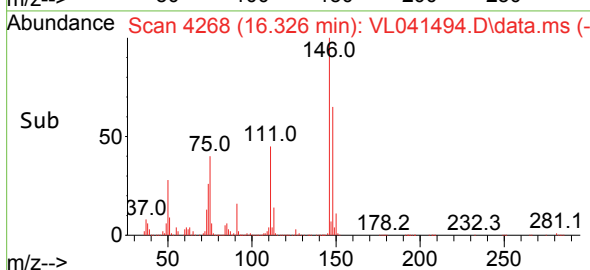
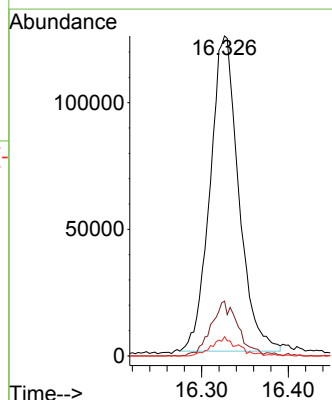
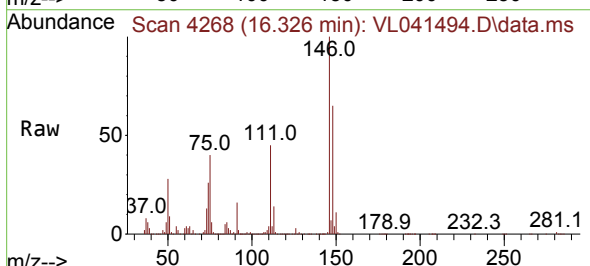
Instrument :
MSVOA_L
ClientSampleId :

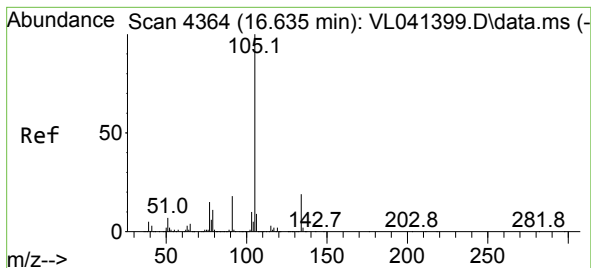
Tgt Ion:119 Resp: 3675495
Ion Ratio Lower Upper
119 100
91 80.1 64.2 96.2
134 19.6 15.7 23.5



#66
Benzyl Chloride
Concen: 10.606 ppbv
RT: 16.326 min Scan# 4268
Delta R.T. 0.006 min
Lab File: VL041494.D
Acq: 5 Aug 2024 9:45

Tgt Ion: 91 Resp: 286045
Ion Ratio Lower Upper
91 100
126 17.0 13.8 20.8
128 5.7 4.4 6.6





#67

sec-Butylbenzene

Concen: 8.857 ppbv

RT: 16.632 min Scan# 41

Delta R.T. 0.003 min

Lab File: VL041494.D

Acq: 5 Aug 2024 9:45

Instrument :

MSVOA_L

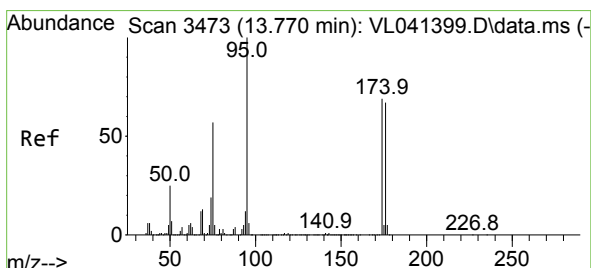
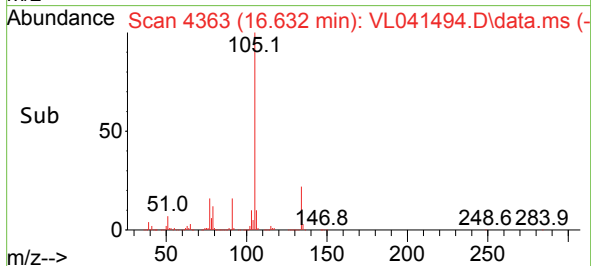
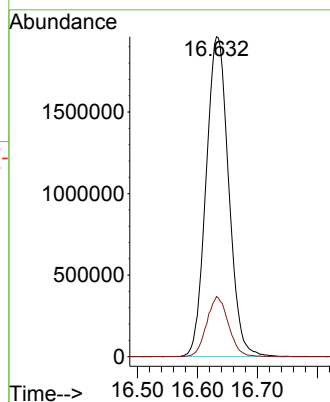
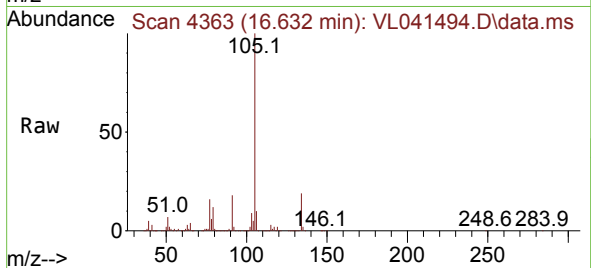
ClientSampleId :

Tgt Ion:105 Resp: 5130808

Ion Ratio Lower Upper

105 100

134 18.2 14.5 21.7



#68

1-Bromo-4-Fluorobenzene

Concen: 7.748 ppbv

RT: 13.773 min Scan# 3474

Delta R.T. 0.006 min

Lab File: VL041494.D

Acq: 5 Aug 2024 9:45

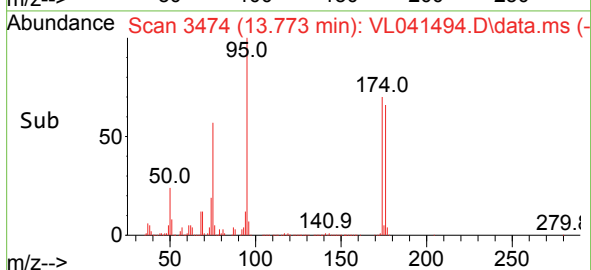
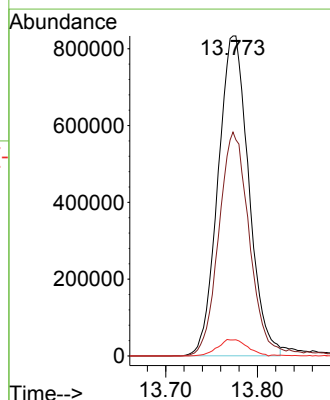
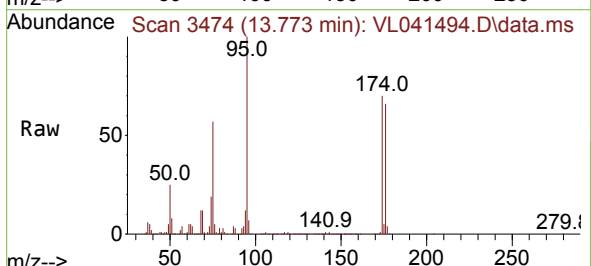
Tgt Ion: 95 Resp: 1939750

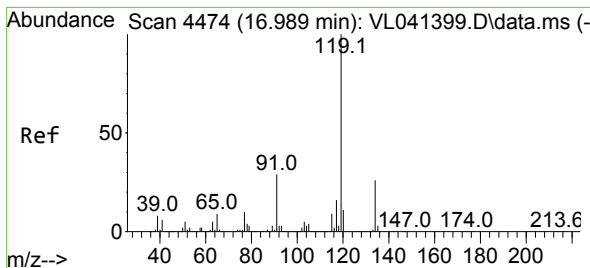
Ion Ratio Lower Upper

95 100

174 71.5 56.3 84.5

175 5.1 4.0 6.0

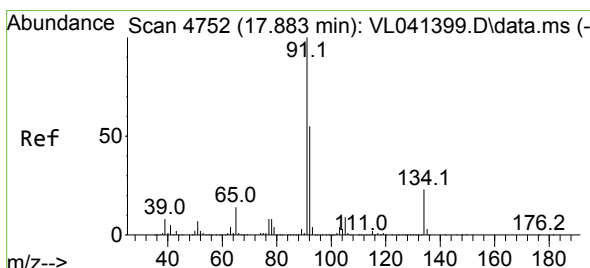
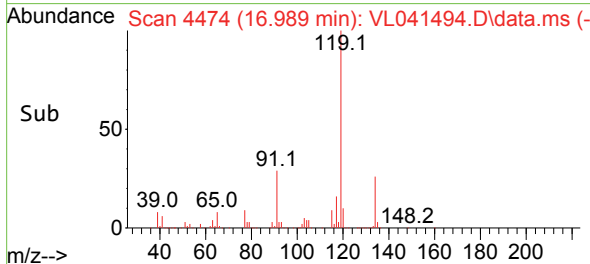
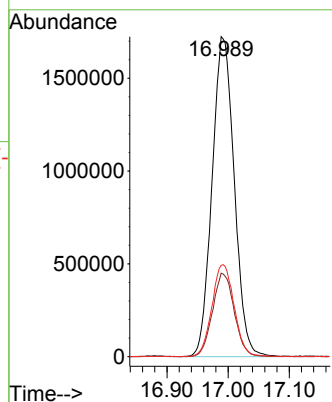
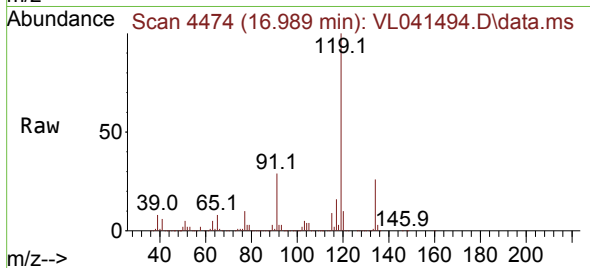




#69
p-Isopropyltoluene
Concen: 9.023 ppbv
RT: 16.989 min Scan# 4474
Delta R.T. -0.000 min
Lab File: VL041494.D
Acq: 5 Aug 2024 9:45

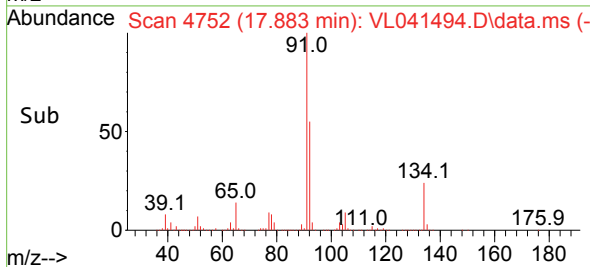
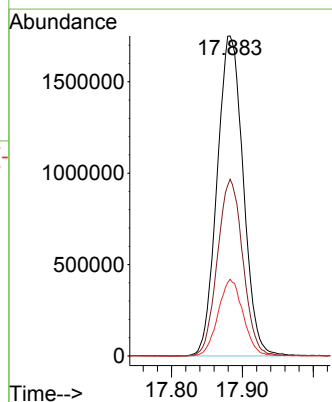
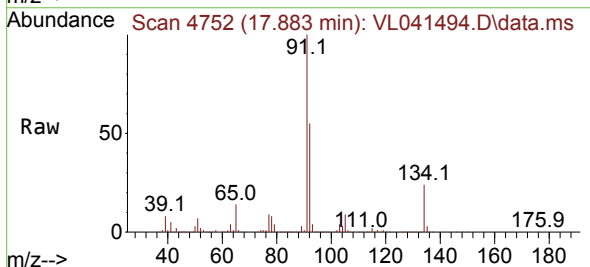
Instrument :
MSVOA_L
ClientSampleId :

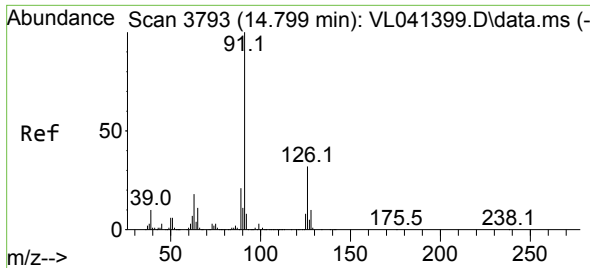
Tgt Ion:119 Resp: 4337847
Ion Ratio Lower Upper
119 100
134 25.7 20.5 30.7
91 28.7 23.2 34.8



#70
n-Butylbenzene
Concen: 9.091 ppbv
RT: 17.883 min Scan# 4752
Delta R.T. 0.003 min
Lab File: VL041494.D
Acq: 5 Aug 2024 9:45

Tgt Ion: 91 Resp: 4480169
Ion Ratio Lower Upper
91 100
92 54.0 43.2 64.8
134 23.0 18.5 27.7

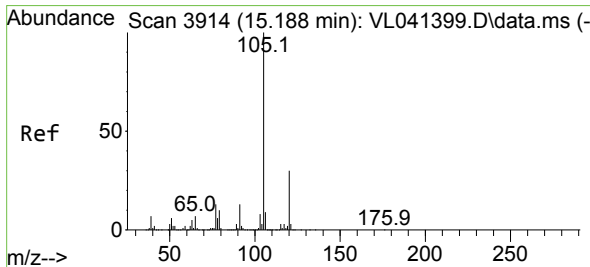
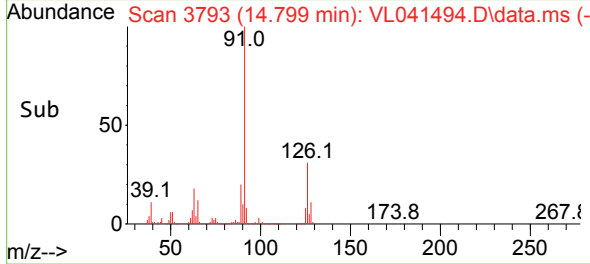
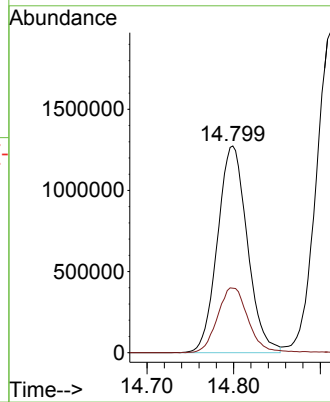
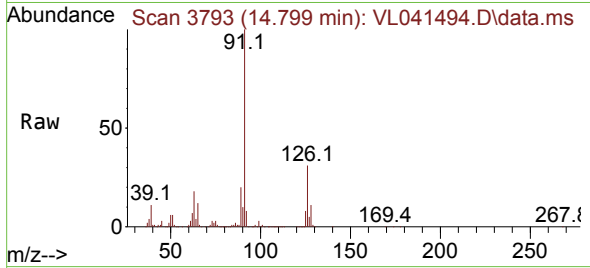




#71
2-Chlorotoluene
Concen: 8.874 ppbv
RT: 14.799 min Scan# 31
Delta R.T. 0.006 min
Lab File: VL041494.D
Acq: 5 Aug 2024 9:45

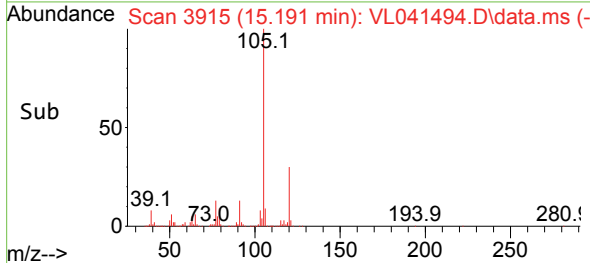
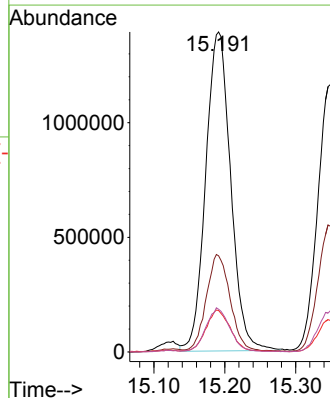
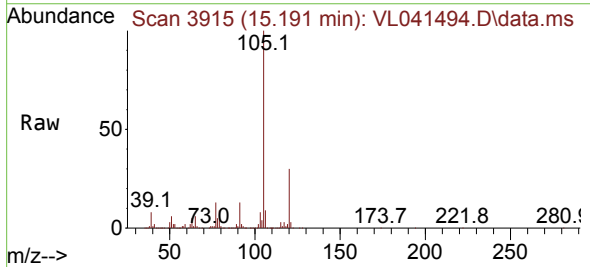
Instrument :
MSVOA_L
ClientSampleId :

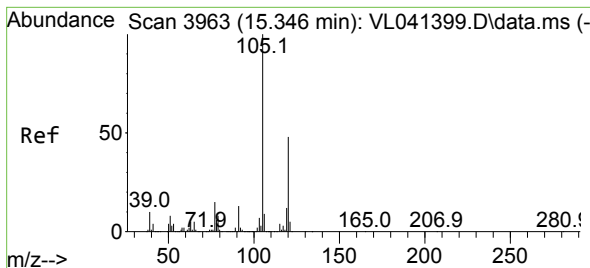
Tgt Ion: 91 Resp: 3046529
Ion Ratio Lower Upper
91 100
126 32.8 12.7 50.9



#72
4-Ethyltoluene
Concen: 9.455 ppbv
RT: 15.191 min Scan# 3915
Delta R.T. 0.003 min
Lab File: VL041494.D
Acq: 5 Aug 2024 9:45

Tgt Ion:105 Resp: 3408854
Ion Ratio Lower Upper
105 100
120 30.6 24.2 36.2
91 12.9 10.4 15.6
77 13.5 11.0 16.4





#73

1,3,5-Trimethylbenzene

Concen: 9.218 ppbv

RT: 15.352 min Scan# 3965

Delta R.T. 0.006 min

Lab File: VL041494.D

Acq: 5 Aug 2024 9:45

Instrument :

MSVOA_L

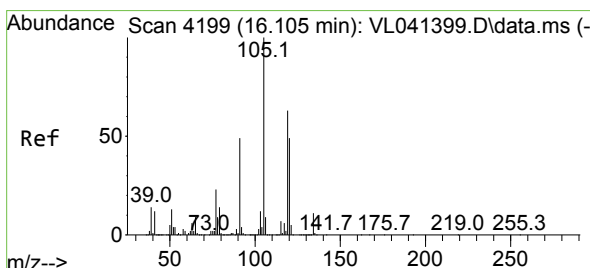
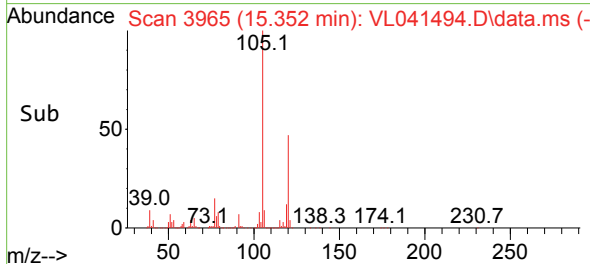
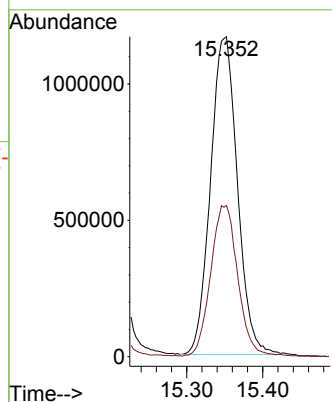
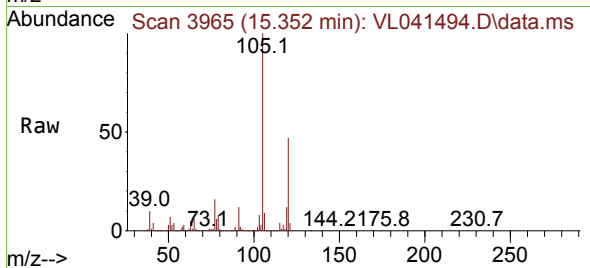
ClientSampleId :

Tgt Ion:105 Resp: 2863014

Ion Ratio Lower Upper

105 100

120 47.3 38.6 57.8



#74

1,2,4-Trimethylbenzene

Concen: 8.908 ppbv

RT: 16.104 min Scan# 4199

Delta R.T. 0.003 min

Lab File: VL041494.D

Acq: 5 Aug 2024 9:45

Tgt Ion:105 Resp: 3216640

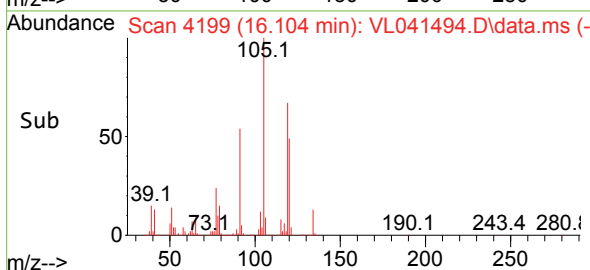
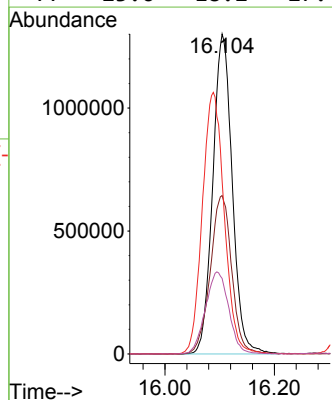
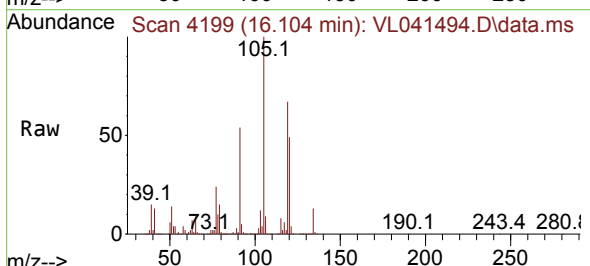
Ion Ratio Lower Upper

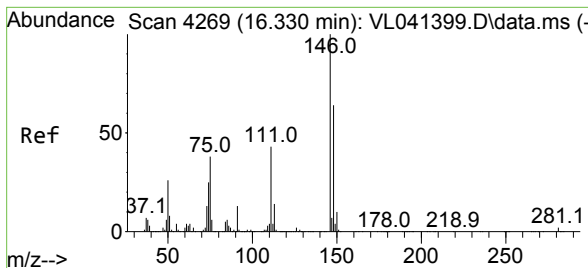
105 100

120 49.5 39.5 59.3

91 54.0 39.8 59.8

77 23.6 18.2 27.4





#75

1,3-Dichlorobenzene

Concen: 8.808 ppbv

RT: 16.330 min Scan# 4269

Delta R.T. 0.006 min

Lab File: VL041494.D

Acq: 5 Aug 2024 9:45

Instrument :

MSVOA_L

ClientSampleId :

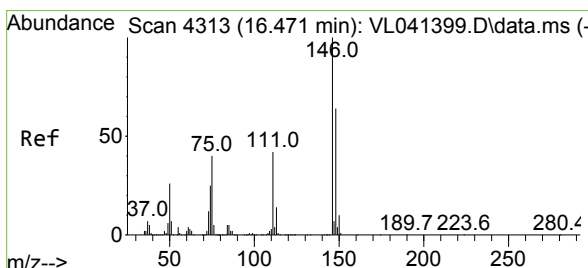
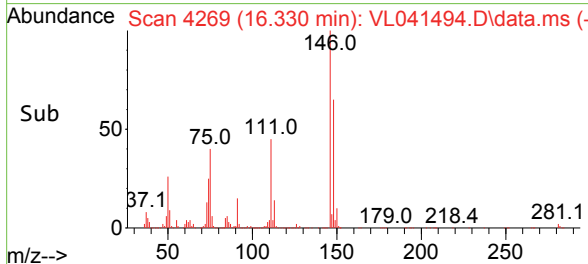
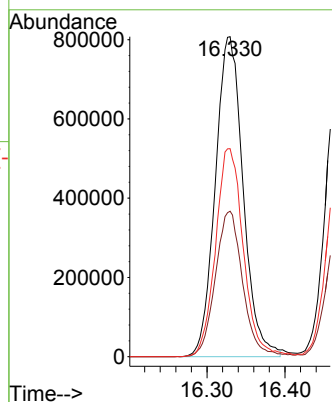
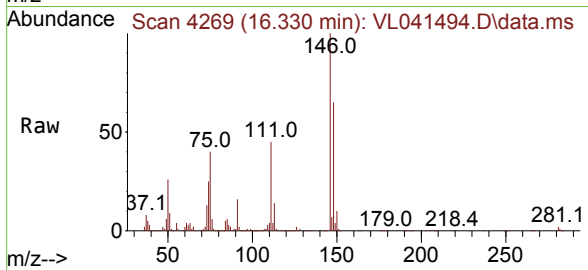
Tgt Ion:146 Resp: 1999126

Ion Ratio Lower Upper

146 100

111 44.9 22.6 67.8

148 65.1 32.3 96.8



#76

1,4-Dichlorobenzene

Concen: 8.771 ppbv

RT: 16.468 min Scan# 4312

Delta R.T. 0.003 min

Lab File: VL041494.D

Acq: 5 Aug 2024 9:45

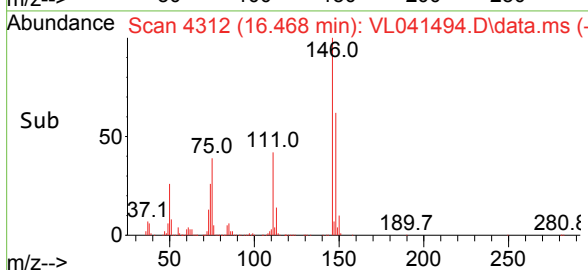
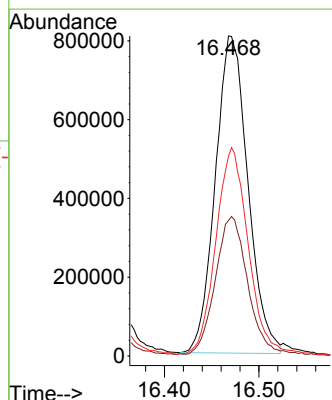
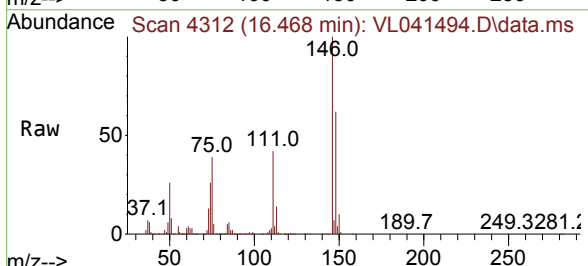
Tgt Ion:146 Resp: 1927662

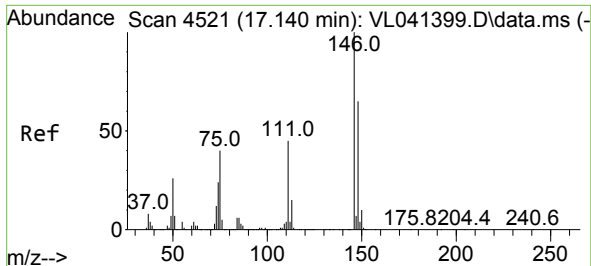
Ion Ratio Lower Upper

146 100

111 44.7 22.4 67.0

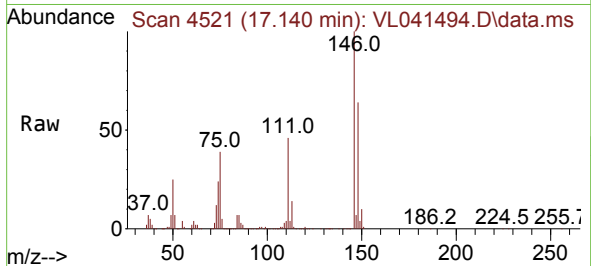
148 66.4 33.1 99.5



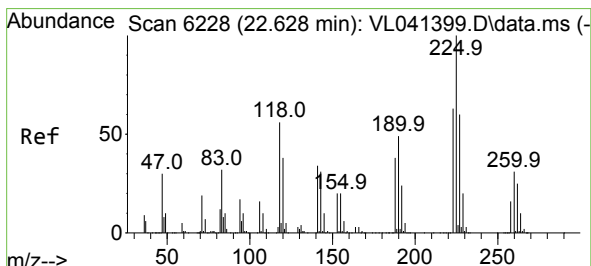
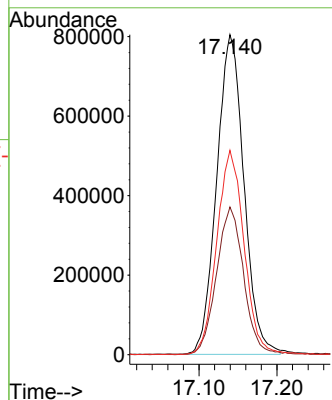
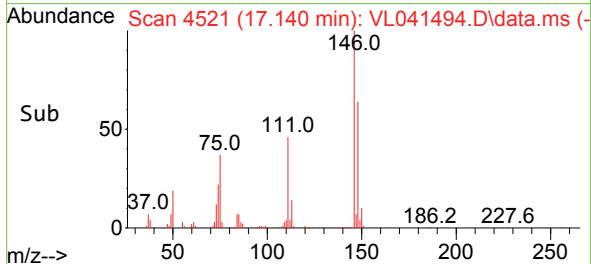


#77
1,2-Dichlorobenzene
Concen: 8.673 ppbv
RT: 17.140 min Scan# 4521
Delta R.T. 0.003 min
Lab File: VL041494.D
Acq: 5 Aug 2024 9:45

Instrument :
MSVOA_L
ClientSampleId :

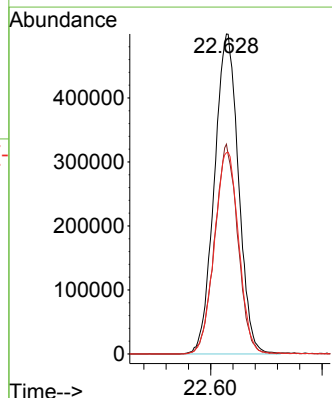
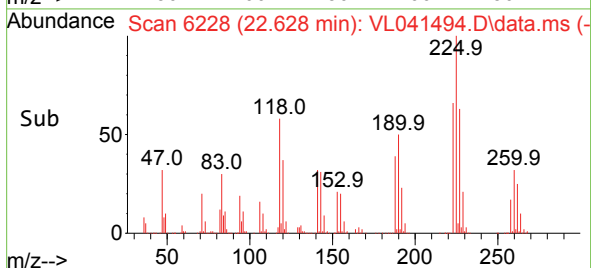
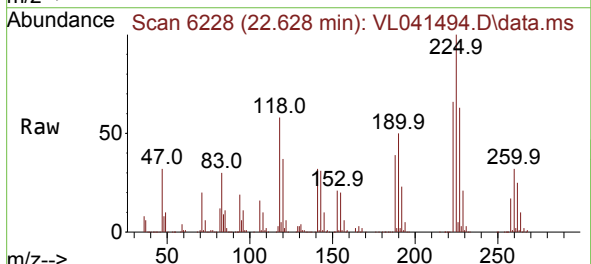


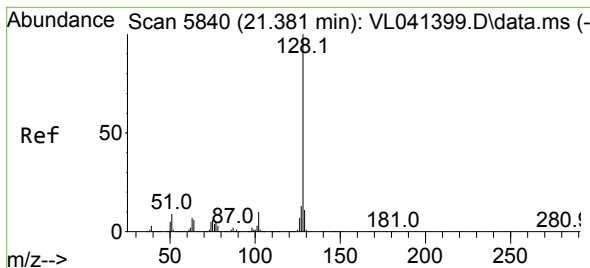
Tgt Ion:146 Resp: 1951426
Ion Ratio Lower Upper
146 100
111 46.3 23.4 70.0
148 64.3 32.2 96.6



#78
Hexachloro-1,3-Butadiene
Concen: 7.833 ppbv
RT: 22.628 min Scan# 6228
Delta R.T. 0.006 min
Lab File: VL041494.D
Acq: 5 Aug 2024 9:45

Tgt Ion:225 Resp: 1503067
Ion Ratio Lower Upper
225 100
223 63.3 50.6 76.0
227 63.8 50.8 76.2





#79

Naphthalene

Concen: 10.411 ppbv

RT: 21.378 min Scan# 5839

Delta R.T. 0.006 min

Lab File: VL041494.D

Acq: 5 Aug 2024 9:45

Instrument :

MSVOA_L

ClientSampleId :

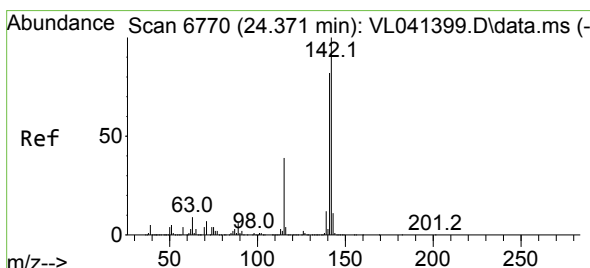
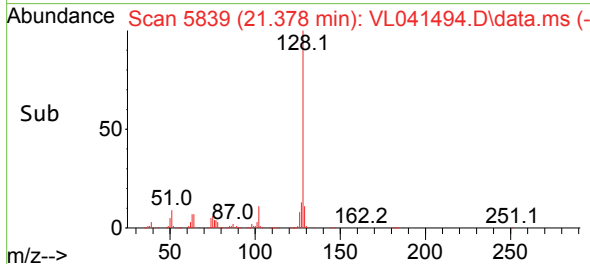
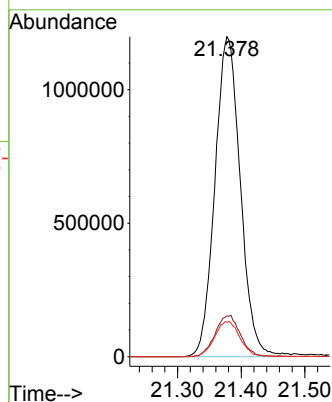
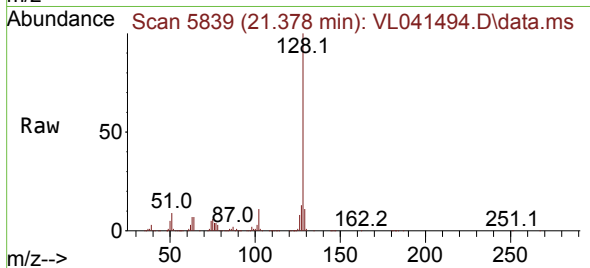
Tgt Ion:128 Resp: 3318120

Ion Ratio Lower Upper

128 100

127 12.8 10.3 15.5

129 10.8 9.0 13.4



#80

Naphthalene,2-methyl-

Concen: 10.872 ppbv

RT: 24.368 min Scan# 6769

Delta R.T. 0.006 min

Lab File: VL041494.D

Acq: 5 Aug 2024 9:45

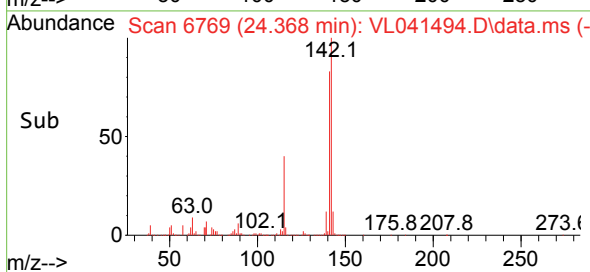
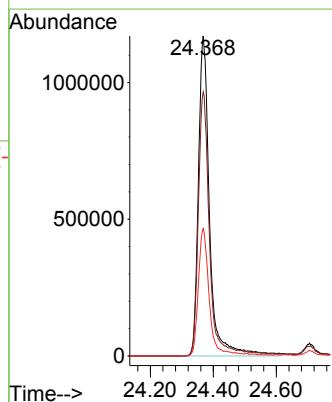
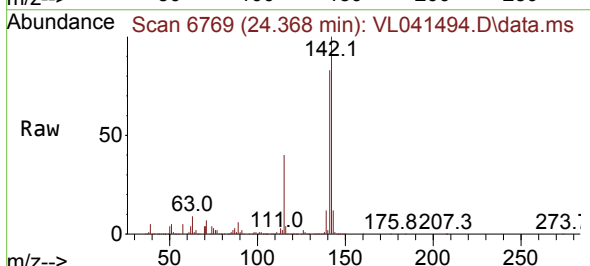
Tgt Ion:142 Resp: 2904357

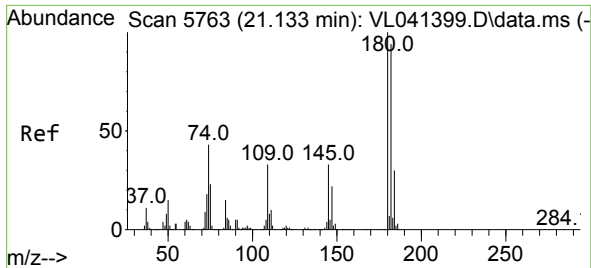
Ion Ratio Lower Upper

142 100

141 83.0 67.0 100.4

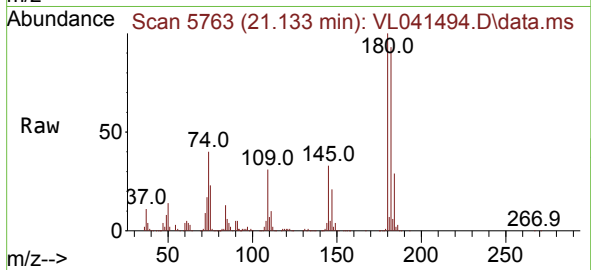
115 38.5 32.2 48.2





#81
 1,2,4-Trichlorobenzene
 Concen: 9.204 ppbv
 RT: 21.133 min Scan# 51
 Delta R.T. 0.003 min
 Lab File: VL041494.D
 Acq: 5 Aug 2024 9:45

Instrument :
 MSVOA_L
 ClientSampleId :



Tgt Ion:180 Resp: 1745663

Ion	Ratio	Lower	Upper
180	100		
182	96.7	76.7	115.1
184	30.7	24.5	36.7

