

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL072924\
 Data File : VL041422.D
 Acq On : 29 Jul 2024 10:02
 Operator : SY/MD
 Sample : VL0729ABS01
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :

Quant Time: Jul 30 02:46:45 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 Jul 30 02:42:20 2024

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.185	49	1144329	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.648	114	3161990	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.468	117	3713645	10.000	ppbv	# 0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene 13.777 95 2393106 8.374 ppbv 0.00
 Spiked Amount 10.000 Range 65 - 135 Recovery = 83.700%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.719	85	1625817	8.258	ppbv	99
3) Chlorodifluoromethane	2.664	51	1308614	9.606	ppbv	100
4) Chloromethane	2.803	50	673457	9.295	ppbv	97
5) Vinyl Chloride	2.909	62	689895	9.660	ppbv	99
6) Bromomethane	3.108	94	347016	9.454	ppbv	96
7) Chloroethane	3.189	64	237818	9.649	ppbv	97
8) Dichlorotetrafluoroethane	2.848	85	1664524	9.543	ppbv	99
9) Propene	2.684	41	586982	9.380	ppbv	98
10) Heptane	7.577	43	1454368	10.343	ppbv	99
11) Trichlorofluoromethane	3.552	101	1675009	9.581	ppbv	100
12) 1,1,2-Trichlorotrifluo...	4.057	101	1208207	9.597	ppbv	100
13) Ethanol	3.230	45	33533	5.995	ppbv	89
14) Bromoethene	3.356	108	491747	10.019	ppbv	99
15) Acetone	3.459	43	1222745	9.404	ppbv	99
16) 1,3-Butadiene	2.973	39	676656	9.741	ppbv	98
17) tert-Butyl alcohol	3.867	59	1148380	9.685	ppbv	98
18) 1,1-Dichloroethene	3.873	96	535222	9.939	ppbv	98
19) Isopropyl Alcohol	3.565	45	739544	9.729	ppbv	99
20) Methylene Chloride	3.925	84	441923	9.115	ppbv	98
21) Allyl Chloride	3.989	41	859820	10.084	ppbv	99
22) trans-1,2-Dichloroethene	4.436	96	540363	10.035	ppbv	97
23) Vinyl Acetate	4.619	43	1105156	11.129	ppbv	98
24) 1,1-Dichloroethane	4.555	63	1152610	9.858	ppbv	99
25) Ethyl Acetate	5.198	43	2575129	9.969	ppbv	100
26) Hexane	5.208	57	1071870	10.003	ppbv	100
27) Carbon Disulfide	4.115	76	1315514	10.495	ppbv	98
28) Methyl tert-Butyl Ether	4.578	73	665917	9.855	ppbv	100
29) Chloroform	5.269	83	1695773	9.703	ppbv	97
30) Cyclohexane	6.597	84	922176	10.568	ppbv	99
31) cis-1,2-Dichloroethene	5.073	61	1063267	10.045	ppbv	99
32) 1,1,1-Trichloroethane	5.999	97	1675630	9.849	ppbv	99
34) 2-Butanone	4.777	43	1537320	10.051	ppbv	100
35) Carbon Tetrachloride	6.487	117	1744463	10.002	ppbv	100
36) Benzene	6.365	78	2314346	10.017	ppbv	100
37) 1,2-Dichloroethane	5.803	62	1296948	10.029	ppbv	100
38) Trichloroethene	7.288	130	1061155	10.025	ppbv	98
39) 1,2-Dichloropropane	7.069	63	883374	9.987	ppbv	97
40) 1,4-Dioxane	7.278	88	380609	10.711	ppbv #	1
41) Tetrahydrofuran	5.549	42	902077	10.312	ppbv	100
42) Bromodichloromethane	7.246	83	1862731	9.976	ppbv	98
43) Methyl Methacrylate	7.471	69	914850	11.042	ppbv	98
44) 2,2,4-Trimethylpentane	7.323	57	3824642	9.911	ppbv	100
45) t-1,3-Dichloropropene	8.709	75	942583	12.360	ppbv	98

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

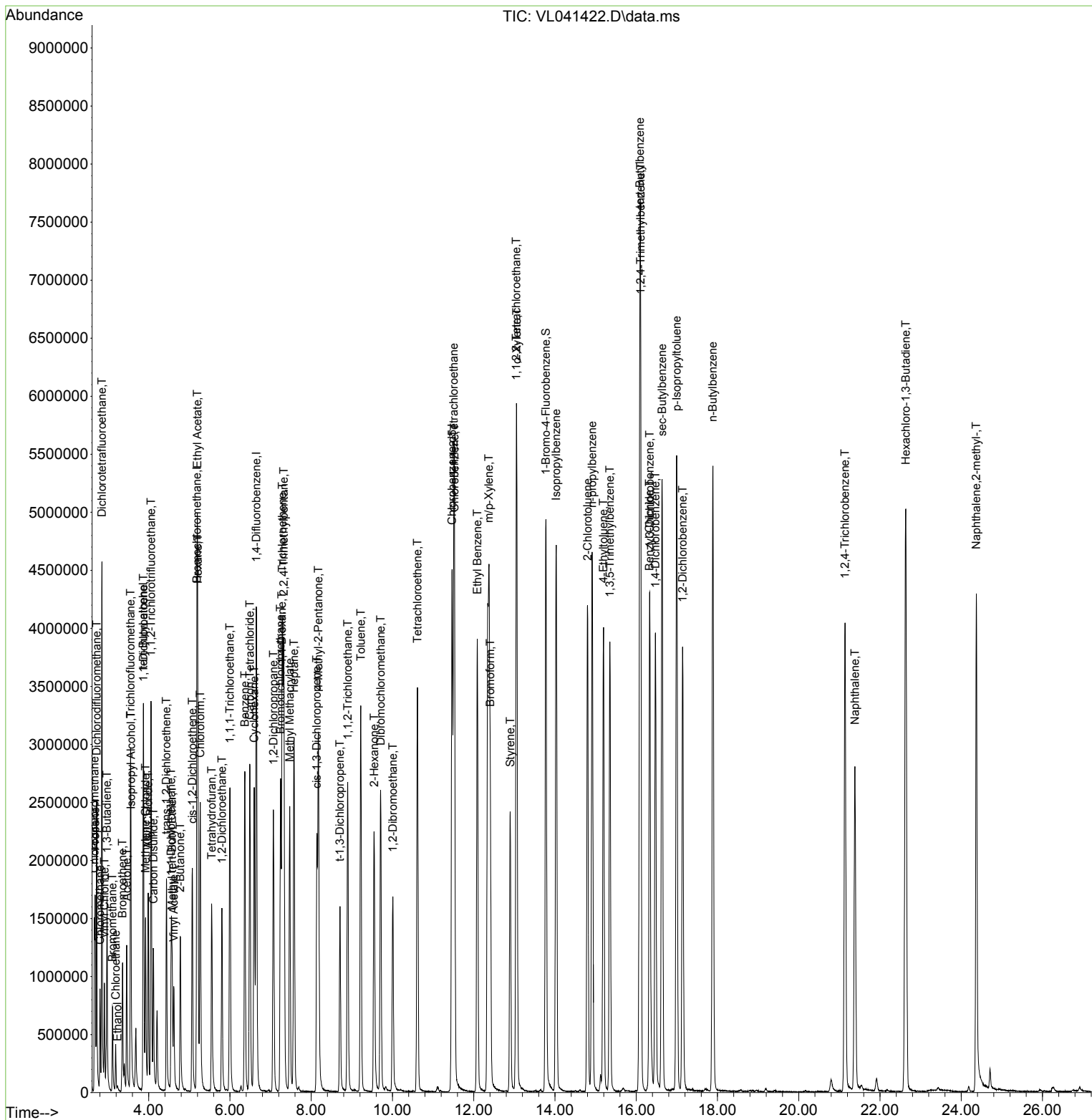
Instrument :
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 ClientSampleId :

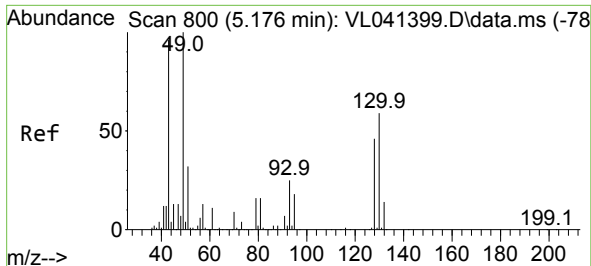
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 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL072524AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Tue Jul 30 02:42:20 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.140	75	1251122	11.361	ppbv	98
47) 1,1,2-Trichloroethane	8.896	97	963521	9.882	ppbv	96
48) Dibromochloromethane	9.709	129	1624734	10.344	ppbv	100
49) Bromoform	12.407	173	1430061	10.778	ppbv	100
50) 4-Methyl-2-Pentanone	8.179	43	2574111	10.667	ppbv	100
51) 2-Hexanone	9.548	43	2100112	11.509	ppbv	99
52) Tetrachloroethene	10.616	164	886169	9.926	ppbv	98
53) Toluene	9.220	91	2715155	10.550	ppbv	100
54) 1,2-Dibromoethane	10.008	107	1400084	10.788	ppbv	96
56) 1,1,1,2-Tetrachloroethane	11.507	131	1170791	8.129	ppbv #	57
57) Chlorobenzene	11.529	112	2095093	7.924	ppbv	99
58) Ethyl Benzene	12.089	91	3649773	8.527	ppbv	100
59) m/p-Xylene	12.371	91	205538	0.556	ppbv #	1
60) o-Xylene	13.056	91	2985111	8.540	ppbv	100
61) Styrene	12.899	104	1498174	9.501	ppbv	98
62) Isopropylbenzene	14.031	105	4339075	8.166	ppbv	100
63) 1,1,2,2-Tetrachloroethane	13.050	83	1825747	8.272	ppbv	100
64) n-propylbenzene	14.915	120	1174771	8.456	ppbv	99
65) tert-Butylbenzene	16.092	119	3921897	8.171	ppbv	99
66) Benzyl Chloride	16.326	91	296531	9.633	ppbv	98
67) sec-Butylbenzene	16.635	105	5496659	8.312	ppbv	100
69) p-Isopropyltoluene	16.995	119	4599379	8.382	ppbv	100
70) n-Butylbenzene	17.886	91	4760345	8.462	ppbv	100
71) 2-Chlorotoluene	14.802	91	3279280	8.368	ppbv	99
72) 4-Ethyltoluene	15.195	105	3606059	8.763	ppbv	100
73) 1,3,5-Trimethylbenzene	15.352	105	3093976	8.727	ppbv	100
74) 1,2,4-Trimethylbenzene	16.111	105	3429295	8.320	ppbv	97
75) 1,3-Dichlorobenzene	16.333	146	2133735	8.236	ppbv	100
76) 1,4-Dichlorobenzene	16.474	146	2074323	8.268	ppbv	100
77) 1,2-Dichlorobenzene	17.143	146	2064212	8.037	ppbv	99
78) Hexachloro-1,3-Butadiene	22.635	225	1576104	7.196	ppbv	100
79) Naphthalene	21.381	128	3528688	9.700	ppbv	99
80) Naphthalene,2-methyl-	24.371	142	3070060	10.068	ppbv	98
81) 1,2,4-Trichlorobenzene	21.140	180	1823295	8.422	ppbv	99

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

Quant Time: Jul 30 02:46:45 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL072524AIR.M
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QLast Update : Tue Jul 30 02:42:20 2024
Response via : Initial Calibration

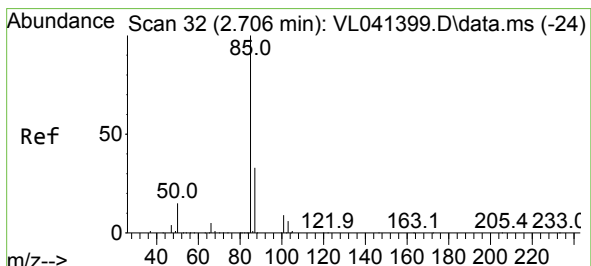
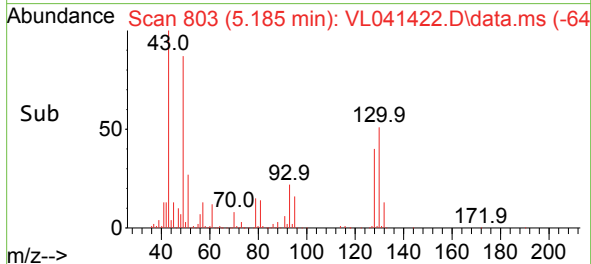
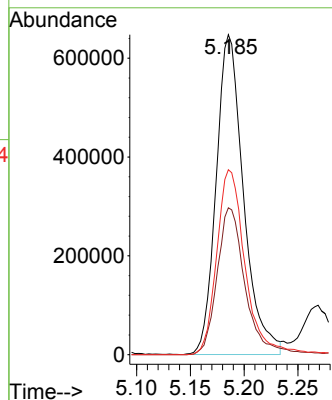
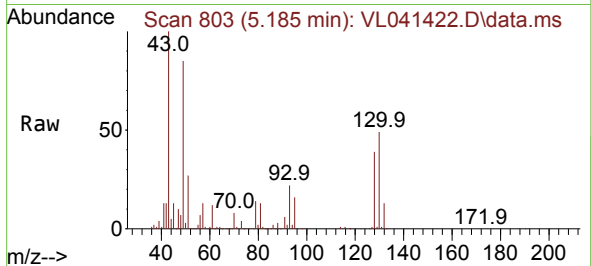




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.185 min Scan# 80
Delta R.T. 0.006 min
Lab File: VL041422.D
Acq: 29 Jul 2024 10:02

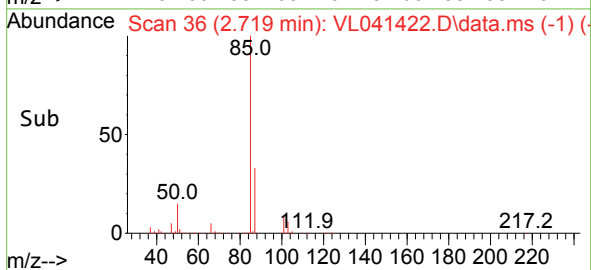
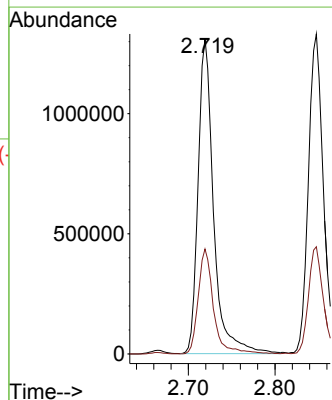
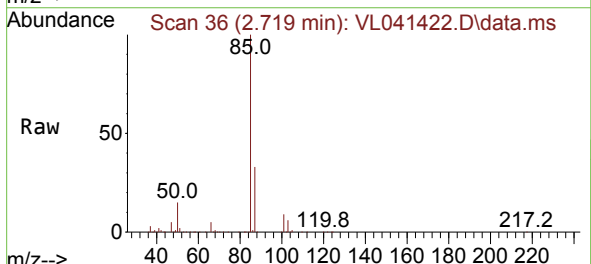
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MSVOA_L
ClientSampleId :

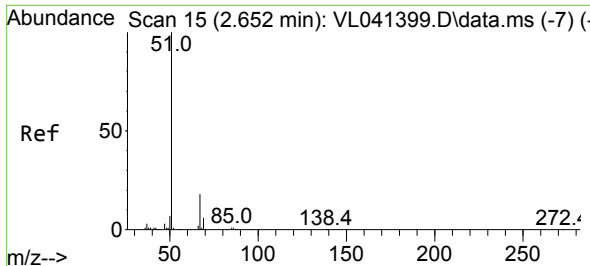
Tgt Ion: 49 Resp: 1144329
Ion Ratio Lower Upper
49 100
128 47.9 23.8 71.4
130 61.1 30.8 92.4



#2
Dichlorodifluoromethane
Concen: 8.258 ppbv
RT: 2.719 min Scan# 36
Delta R.T. 0.010 min
Lab File: VL041422.D
Acq: 29 Jul 2024 10:02

Tgt Ion: 85 Resp: 1625817
Ion Ratio Lower Upper
85 100
87 33.2 26.0 39.0

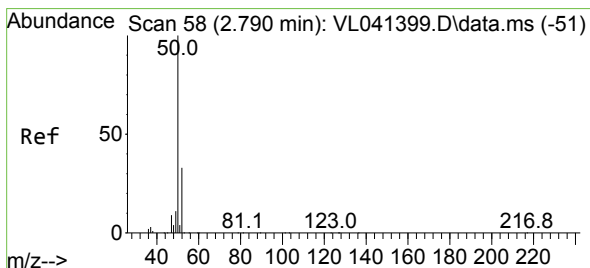
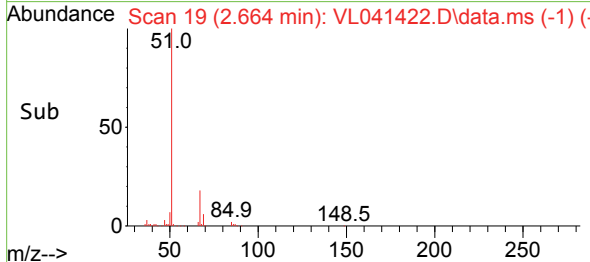
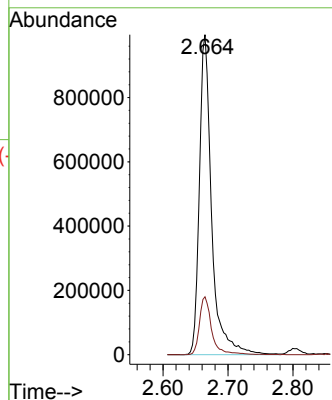
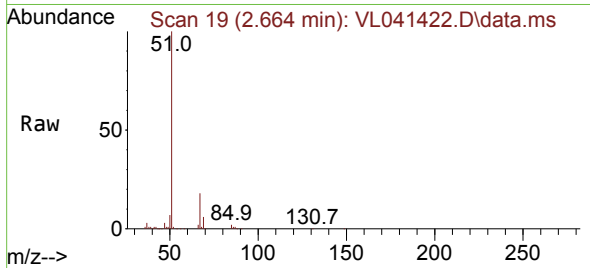




#3
Chlorodifluoromethane
Concen: 9.606 ppbv
RT: 2.664 min Scan# 19
Delta R.T. 0.010 min
Lab File: VL041422.D
Acq: 29 Jul 2024 10:02

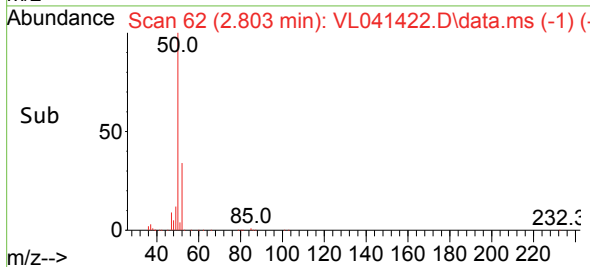
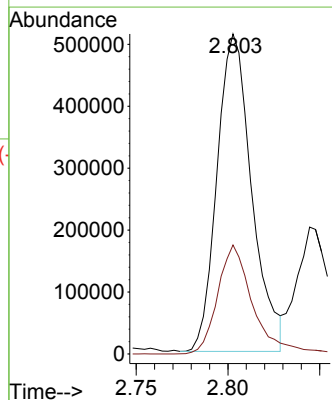
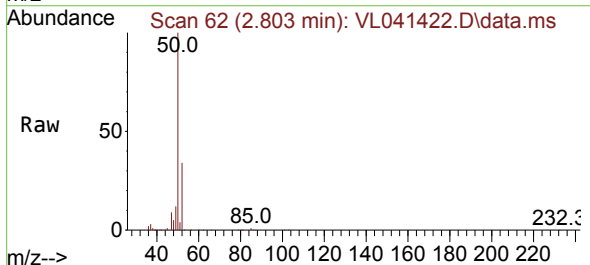
Instrument :
MSVOA_L
ClientSampleId :

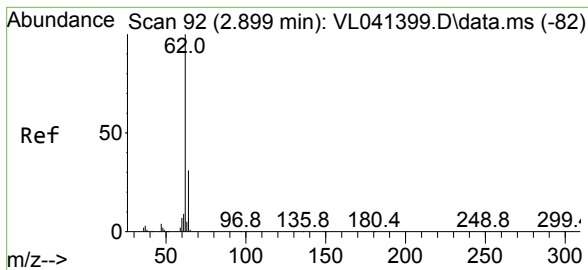
Tgt Ion: 51 Resp: 1308614
Ion Ratio Lower Upper
51 100
67 18.1 14.5 21.7



#4
Chloromethane
Concen: 9.295 ppbv
RT: 2.803 min Scan# 62
Delta R.T. 0.010 min
Lab File: VL041422.D
Acq: 29 Jul 2024 10:02

Tgt Ion: 50 Resp: 673457
Ion Ratio Lower Upper
50 100
52 34.2 26.1 39.1

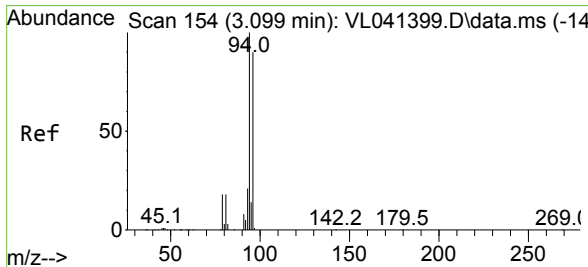
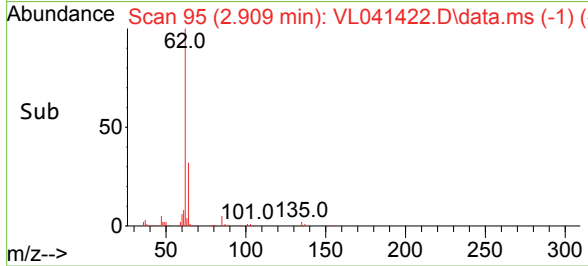
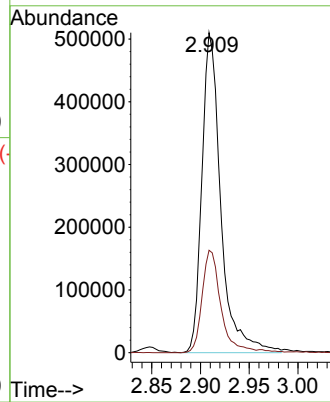
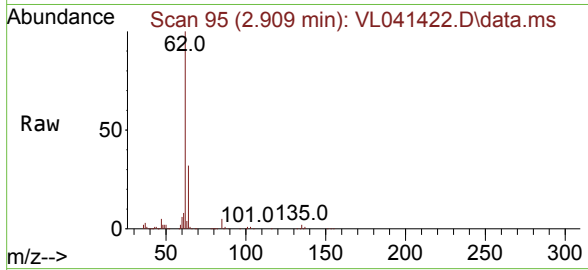




#5
 Vinyl Chloride
 Concen: 9.660 ppbv
 RT: 2.909 min Scan# 91
 Delta R.T. 0.006 min
 Lab File: VL041422.D
 Acq: 29 Jul 2024 10:02

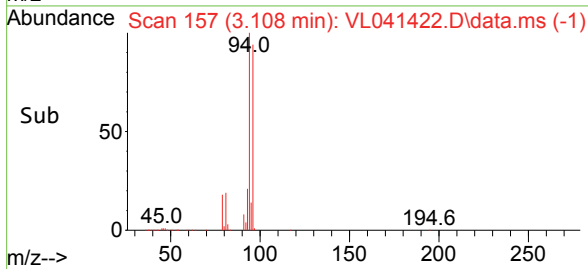
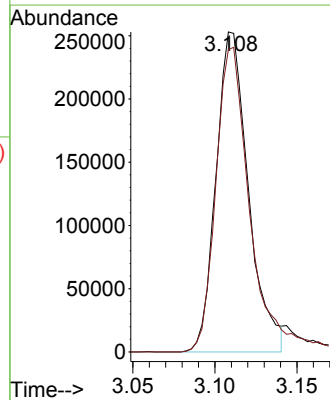
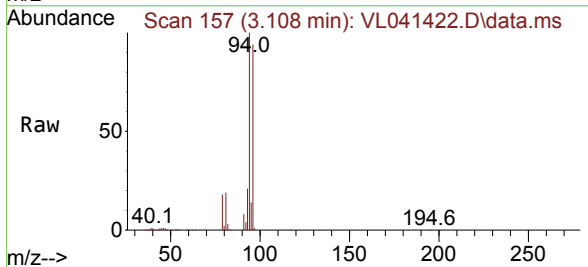
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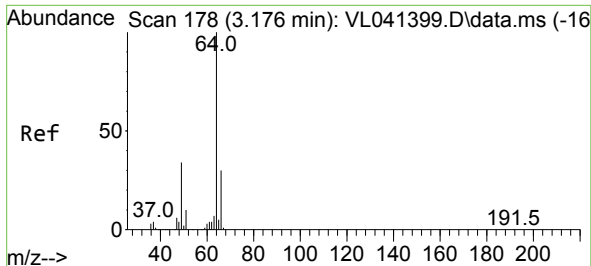
Tgt Ion: 62 Resp: 689895
 Ion Ratio Lower Upper
 62 100
 64 32.0 25.0 37.4



#6
 Bromomethane
 Concen: 9.454 ppbv
 RT: 3.108 min Scan# 157
 Delta R.T. 0.006 min
 Lab File: VL041422.D
 Acq: 29 Jul 2024 10:02

Tgt Ion: 94 Resp: 347016
 Ion Ratio Lower Upper
 94 100
 96 94.5 72.3 108.5

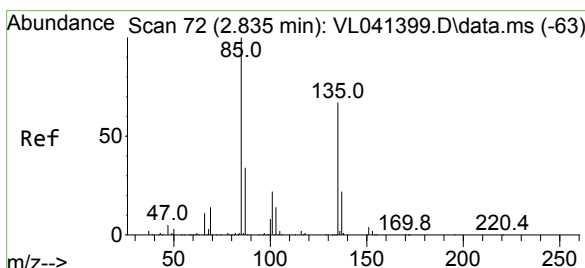
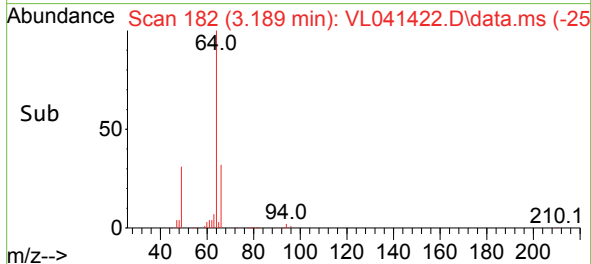
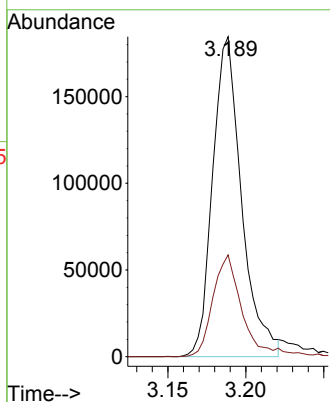
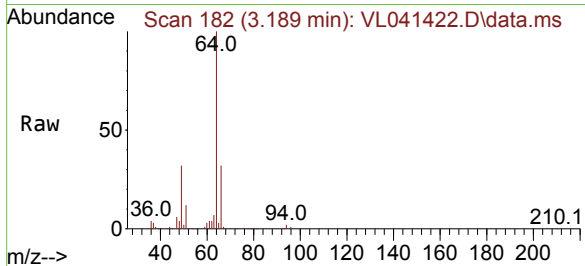




#7
Chloroethane
Concen: 9.649 ppbv
RT: 3.189 min Scan# 11
Delta R.T. 0.006 min
Lab File: VL041422.D
Acq: 29 Jul 2024 10:02

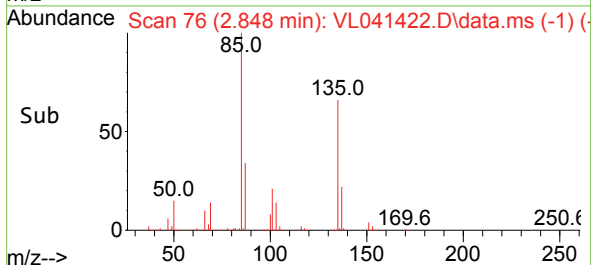
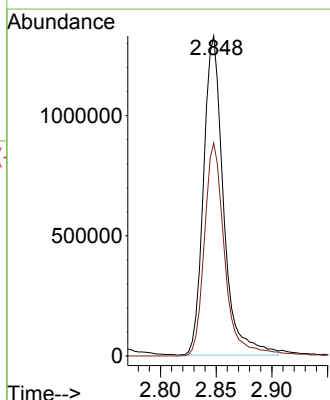
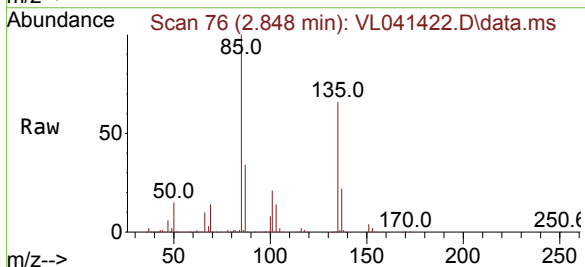
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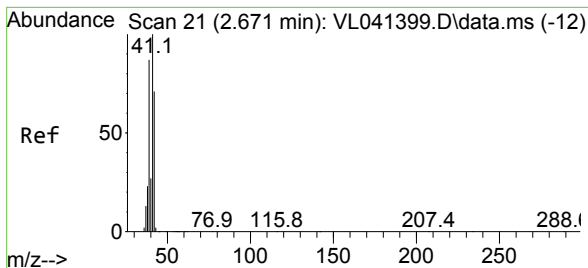
Tgt Ion: 64 Resp: 237818
Ion Ratio Lower Upper
64 100
66 31.8 24.2 36.2



#8
Dichlorotetrafluoroethane
Concen: 9.543 ppbv
RT: 2.848 min Scan# 76
Delta R.T. 0.010 min
Lab File: VL041422.D
Acq: 29 Jul 2024 10:02

Tgt Ion: 85 Resp: 1664524
Ion Ratio Lower Upper
85 100
135 68.7 55.4 83.0





#9

Propene

Concen: 9.380 ppbv

RT: 2.684 min Scan# 21

Delta R.T. 0.013 min

Lab File: VL041422.D

Acq: 29 Jul 2024 10:02

Instrument :

MSVOA_L

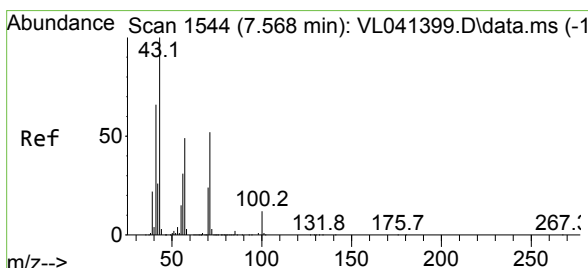
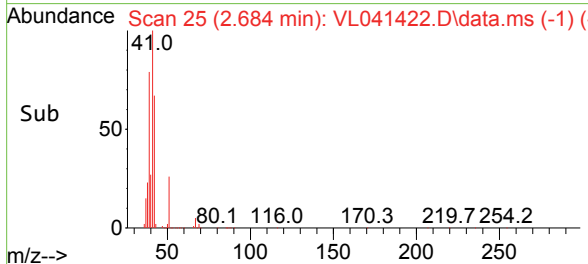
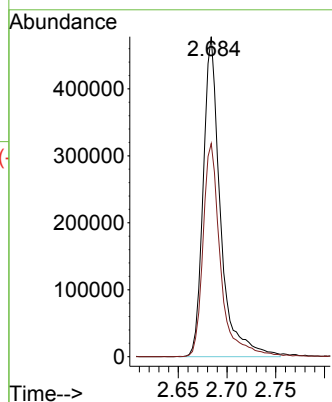
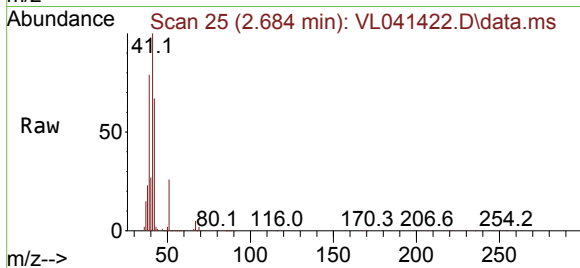
ClientSampleId :

Tgt Ion: 41 Resp: 586982

Ion Ratio Lower Upper

41 100

42 68.5 55.9 83.9



#10

Heptane

Concen: 10.343 ppbv

RT: 7.577 min Scan# 1547

Delta R.T. 0.006 min

Lab File: VL041422.D

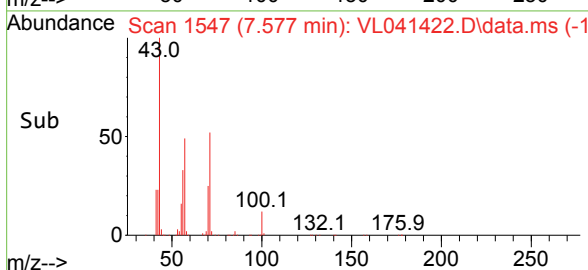
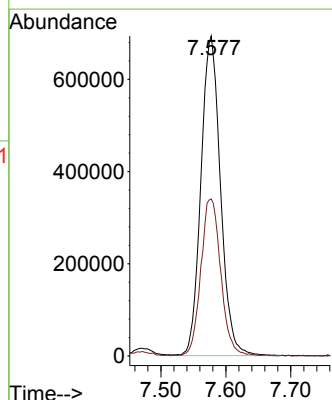
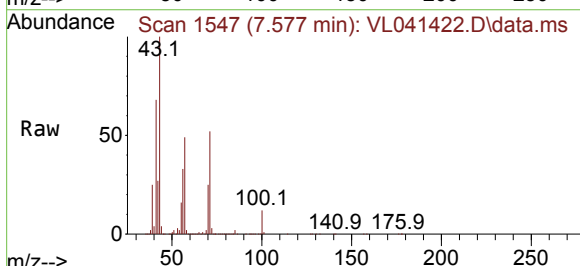
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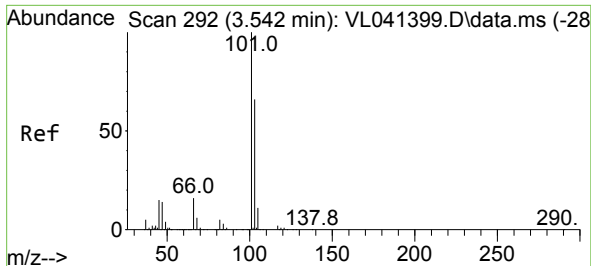
Tgt Ion: 43 Resp: 1454368

Ion Ratio Lower Upper

43 100

57 50.0 40.5 60.7

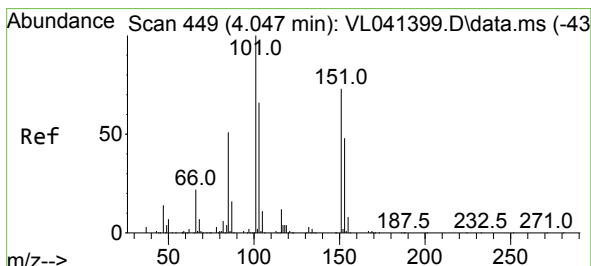
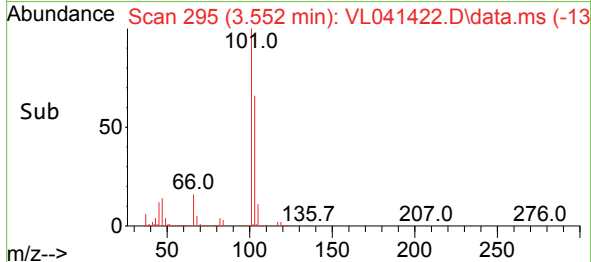
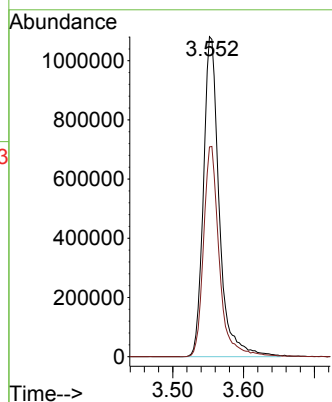
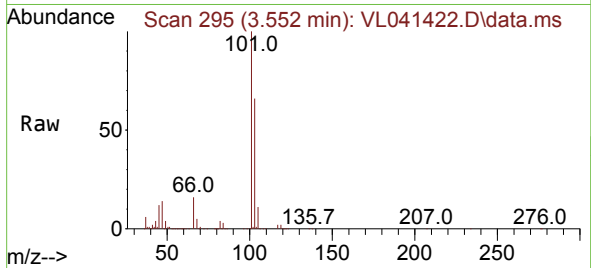




#11
 Trichlorofluoromethane
 Concen: 9.581 ppbv
 RT: 3.552 min Scan# 292
 Delta R.T. 0.006 min
 Lab File: VL041422.D
 Acq: 29 Jul 2024 10:02

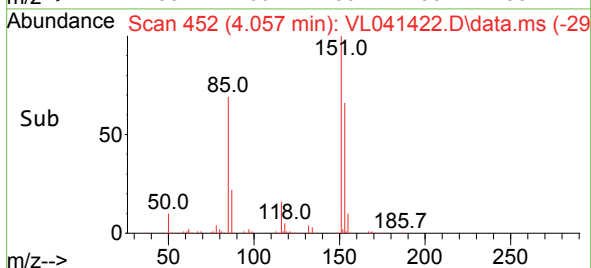
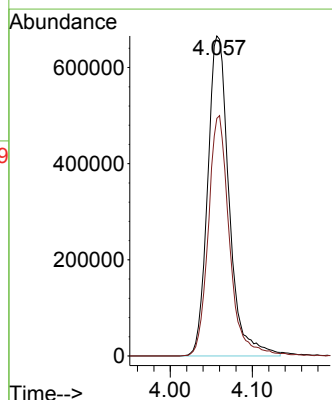
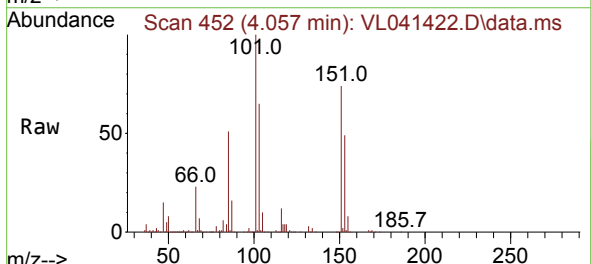
Instrument :
 MSVOA_L
 ClientSampleId :

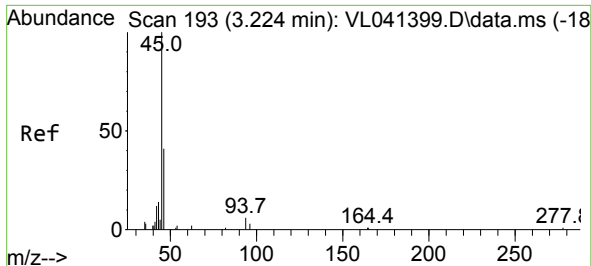
Tgt Ion:101 Resp: 1675009
 Ion Ratio Lower Upper
 101 100
 103 65.6 52.6 79.0



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 9.597 ppbv
 RT: 4.057 min Scan# 452
 Delta R.T. 0.006 min
 Lab File: VL041422.D
 Acq: 29 Jul 2024 10:02

Tgt Ion:101 Resp: 1208207
 Ion Ratio Lower Upper
 101 100
 151 74.5 59.4 89.2

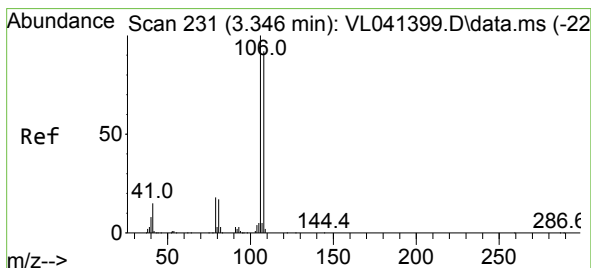
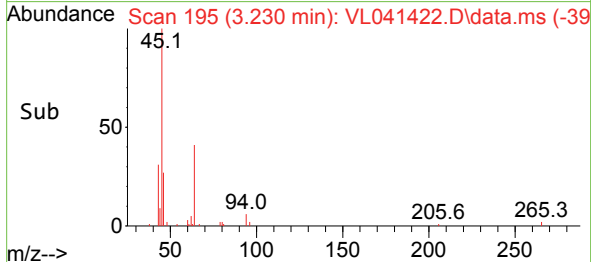
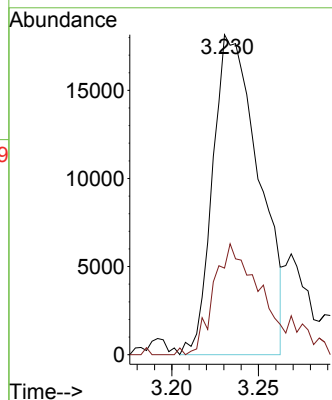
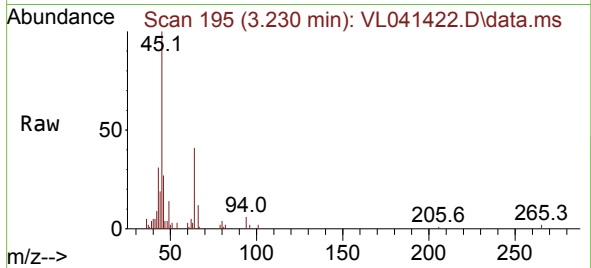




#13
Ethanol
Concen: 5.995 ppbv
RT: 3.230 min Scan# 193
Delta R.T. 0.003 min
Lab File: VL041422.D
Acq: 29 Jul 2024 10:02

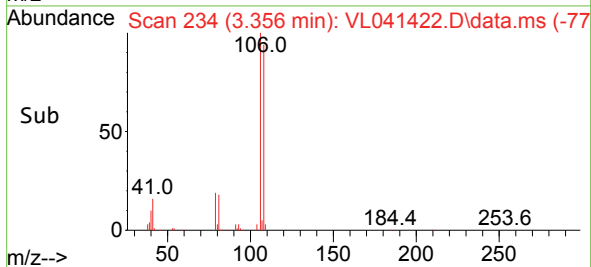
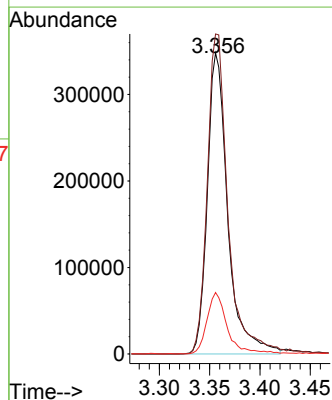
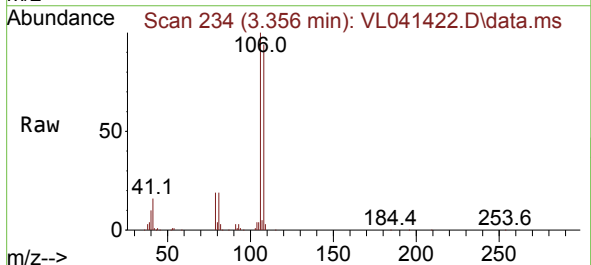
Instrument :
MSVOA_L
ClientSampleId :

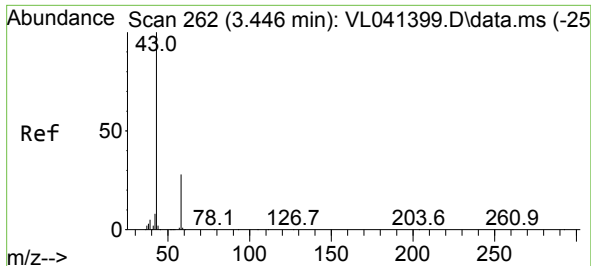
Tgt Ion: 45 Resp: 33533
Ion Ratio Lower Upper
45 100
46 39.5 13.4 53.4



#14
Bromoethene
Concen: 10.019 ppbv
RT: 3.356 min Scan# 234
Delta R.T. 0.006 min
Lab File: VL041422.D
Acq: 29 Jul 2024 10:02

Tgt Ion:108 Resp: 491747
Ion Ratio Lower Upper
108 100
106 109.3 86.9 130.3
79 20.6 16.2 24.4





#15

Acetone

Concen: 9.404 ppbv

RT: 3.459 min Scan# 2

Delta R.T. 0.006 min

Lab File: VL041422.D

Acq: 29 Jul 2024 10:02

Instrument :

MSVOA_L

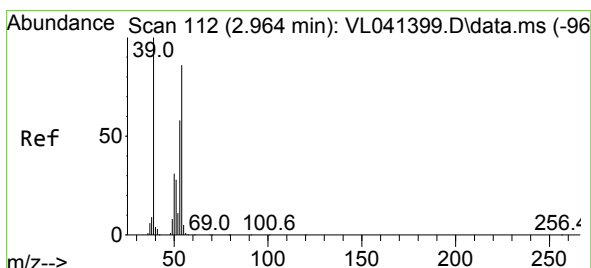
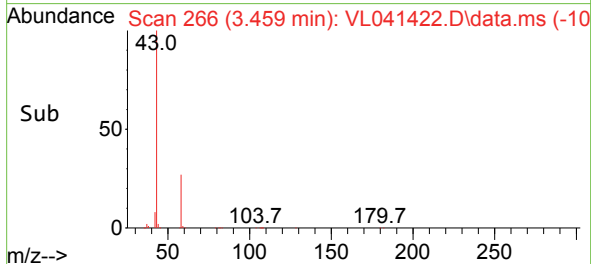
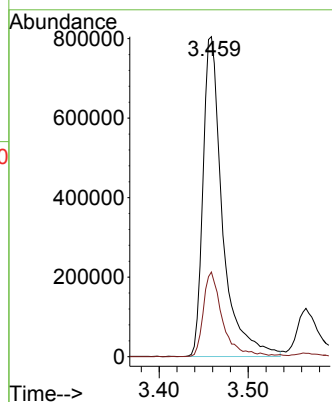
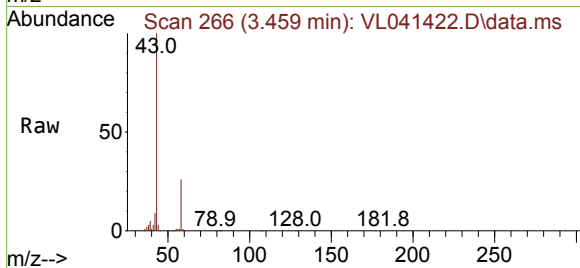
ClientSampleId :

Tgt Ion: 43 Resp: 1222745

Ion Ratio Lower Upper

43 100

58 26.5 21.4 32.2



#16

1,3-Butadiene

Concen: 9.741 ppbv

RT: 2.973 min Scan# 115

Delta R.T. 0.006 min

Lab File: VL041422.D

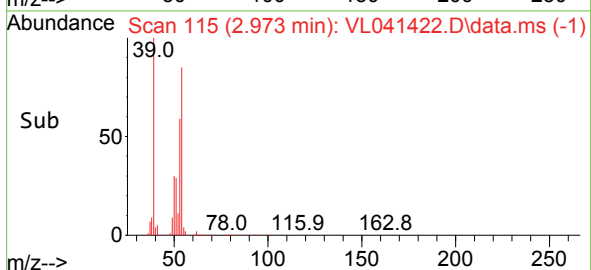
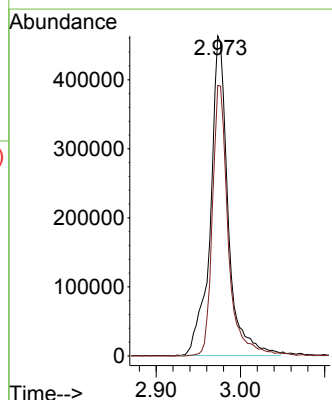
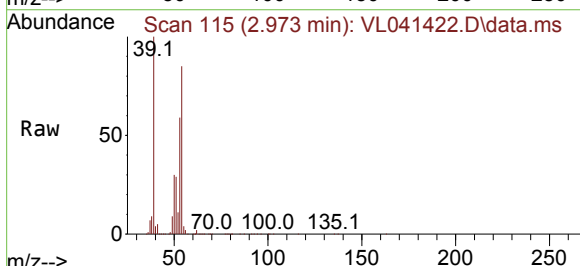
Acq: 29 Jul 2024 10:02

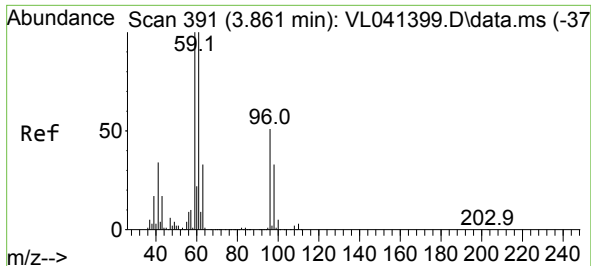
Tgt Ion: 39 Resp: 676656

Ion Ratio Lower Upper

39 100

54 76.3 62.5 93.7

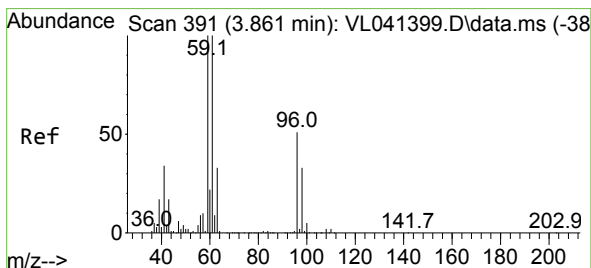
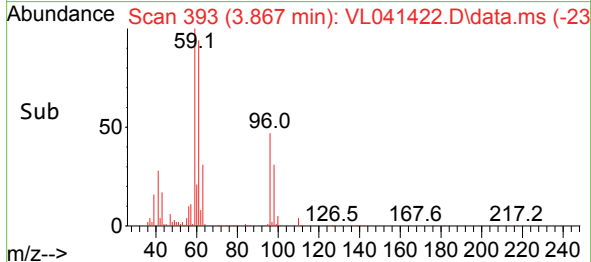
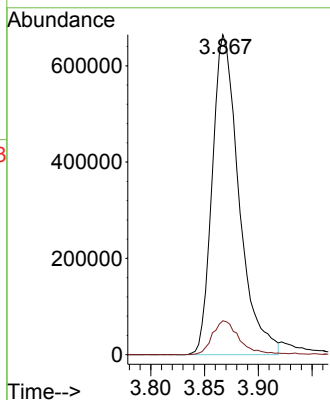
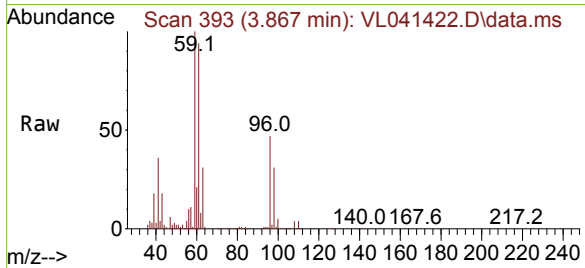




#17
tert-Butyl alcohol
Concen: 9.685 ppbv
RT: 3.867 min Scan# 391
Delta R.T. 0.006 min
Lab File: VL041422.D
Acq: 29 Jul 2024 10:02

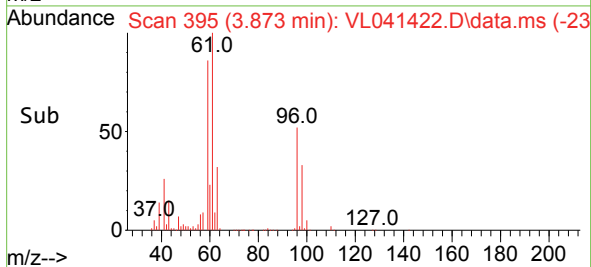
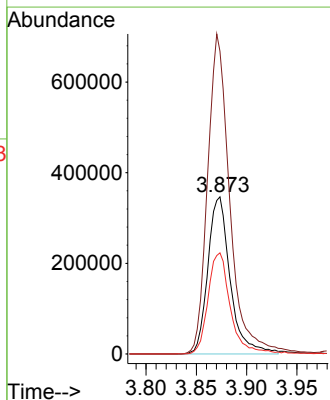
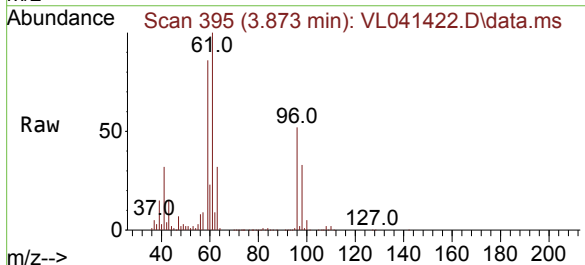
Instrument :
MSVOA_L
ClientSampleId :

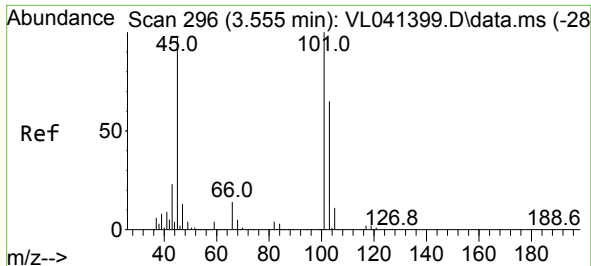
Tgt Ion: 59 Resp: 1148380
Ion Ratio Lower Upper
59 100
57 11.4 8.6 12.8



#18
1,1-Dichloroethene
Concen: 9.939 ppbv
RT: 3.873 min Scan# 395
Delta R.T. 0.006 min
Lab File: VL041422.D
Acq: 29 Jul 2024 10:02

Tgt Ion: 96 Resp: 535222
Ion Ratio Lower Upper
96 100
61 192.7 157.5 236.3
98 64.3 51.2 76.8

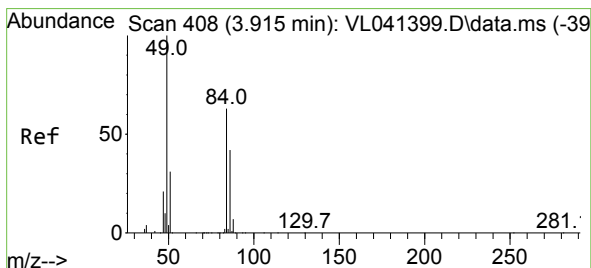
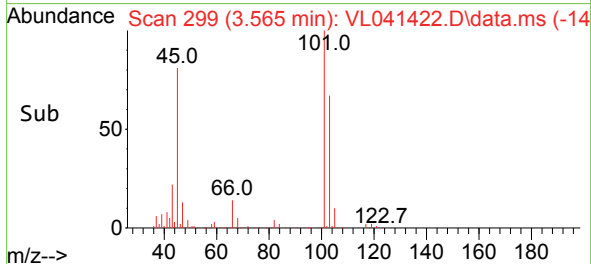
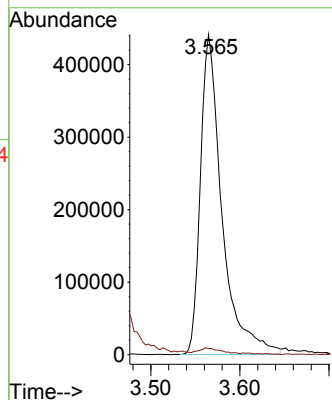
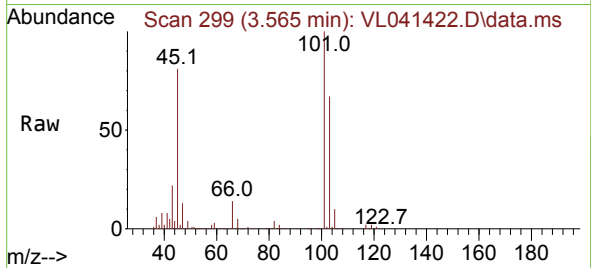




#19
Isopropyl Alcohol
Concen: 9.729 ppbv
RT: 3.565 min Scan# 296
Delta R.T. 0.003 min
Lab File: VL041422.D
Acq: 29 Jul 2024 10:02

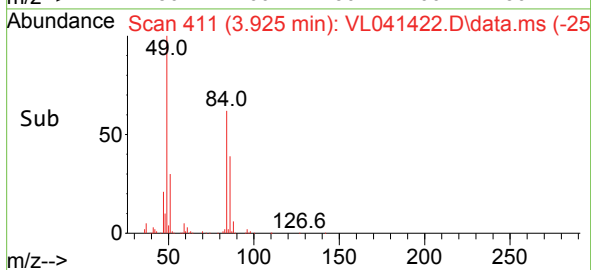
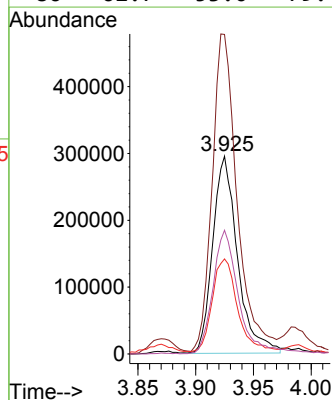
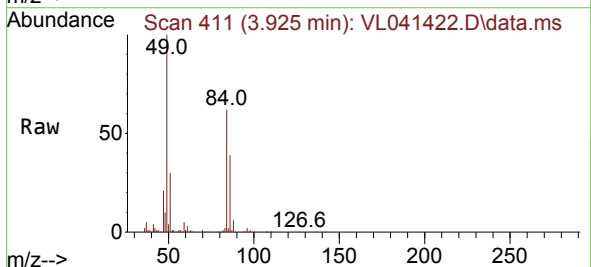
Instrument :
MSVOA_L
ClientSampleId :

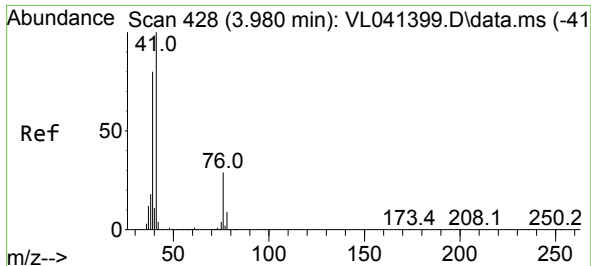
Tgt Ion: 45 Resp: 739544
Ion Ratio Lower Upper
45 100
58 2.8 1.9 2.9



#20
Methylene Chloride
Concen: 9.115 ppbv
RT: 3.925 min Scan# 411
Delta R.T. 0.006 min
Lab File: VL041422.D
Acq: 29 Jul 2024 10:02

Tgt Ion: 84 Resp: 441923
Ion Ratio Lower Upper
84 100
49 159.9 126.6 190.0
51 46.7 38.6 58.0
86 62.7 53.0 79.4

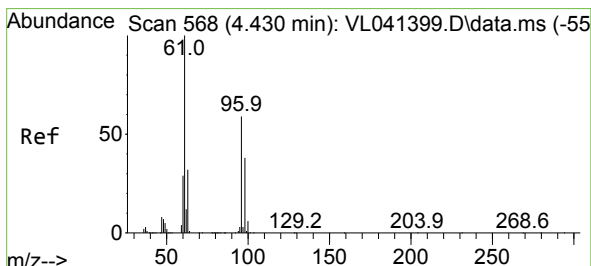
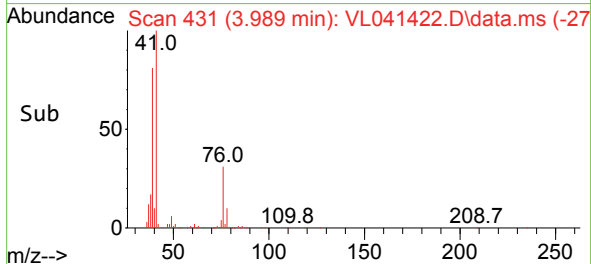
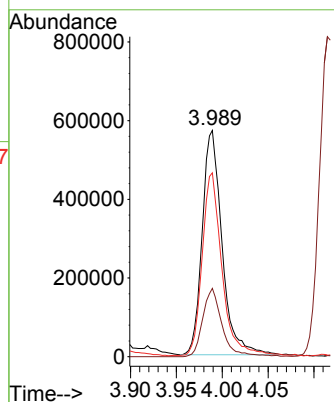
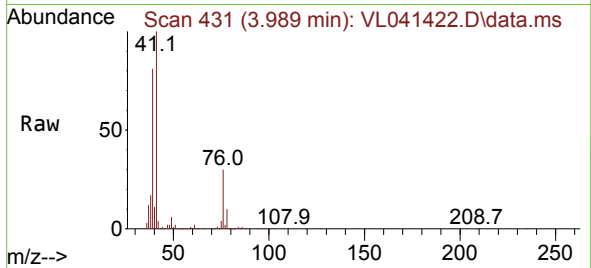




#21
 Allyl Chloride
 Concen: 10.084 ppbv
 RT: 3.989 min Scan# 41
 Delta R.T. 0.010 min
 Lab File: VL041422.D
 Acq: 29 Jul 2024 10:02

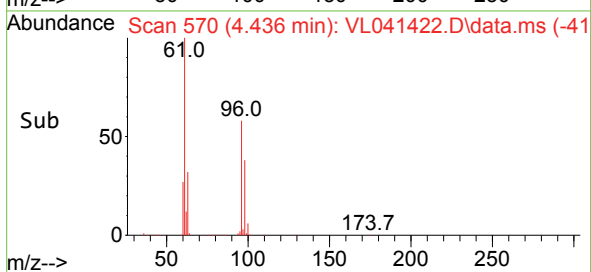
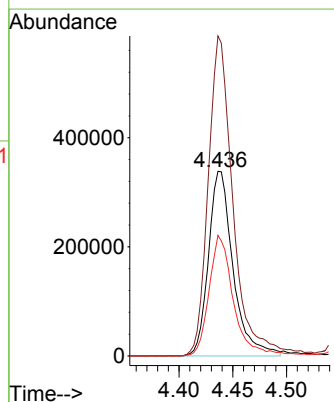
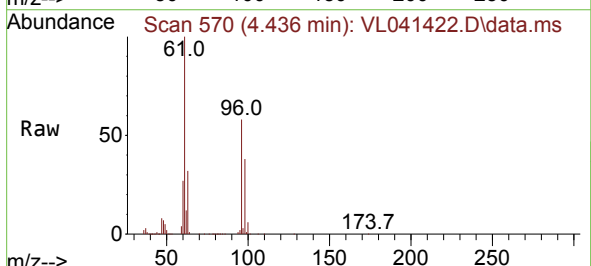
Instrument :
 MSVOA_L
 ClientSampleId :

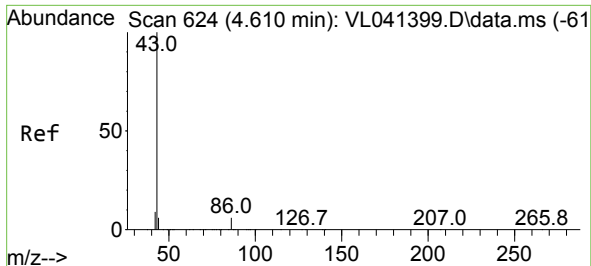
Tgt Ion: 41 Resp: 859820
 Ion Ratio Lower Upper
 41 100
 76 29.7 23.7 35.5
 39 81.1 64.3 96.5



#22
 trans-1,2-Dichloroethene
 Concen: 10.035 ppbv
 RT: 4.436 min Scan# 570
 Delta R.T. 0.006 min
 Lab File: VL041422.D
 Acq: 29 Jul 2024 10:02

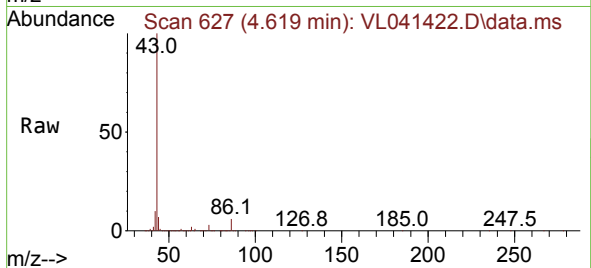
Tgt Ion: 96 Resp: 540363
 Ion Ratio Lower Upper
 96 100
 61 173.4 135.4 203.2
 98 65.3 51.0 76.4





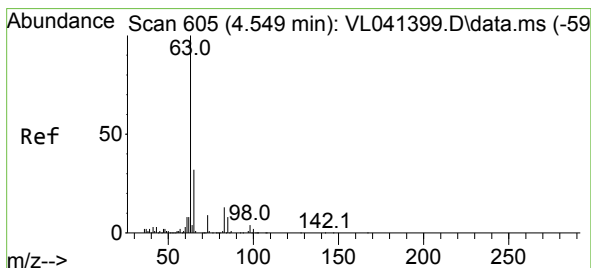
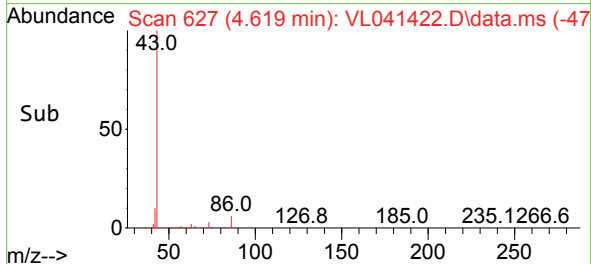
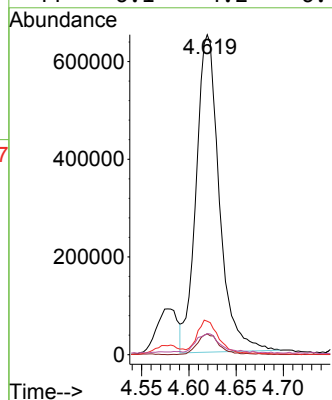
#23
 Vinyl Acetate
 Concen: 11.129 ppbv
 RT: 4.619 min Scan# 61
 Delta R.T. 0.006 min
 Lab File: VL041422.D
 Acq: 29 Jul 2024 10:02

Instrument :
 MSVOA_L
 ClientSampleId :



Tgt Ion: 43 Resp: 1105156

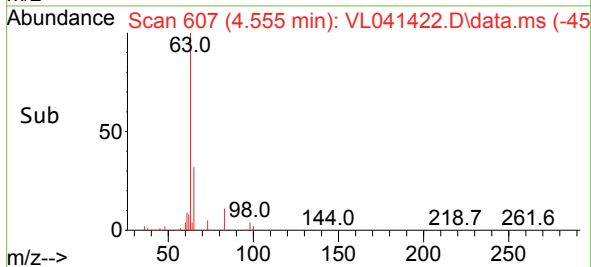
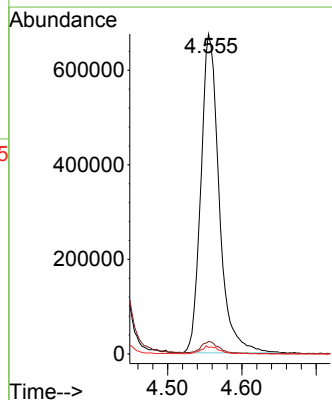
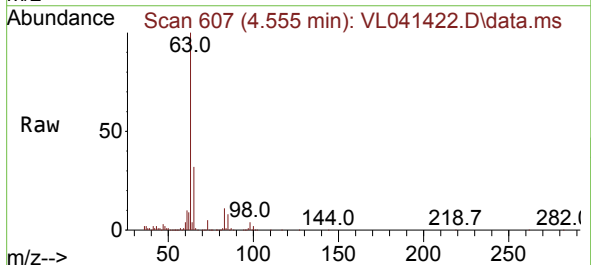
Ion	Ratio	Lower	Upper
43	100		
86	6.5	4.6	6.8
42	10.4	7.9	11.9
44	6.1	4.2	6.4

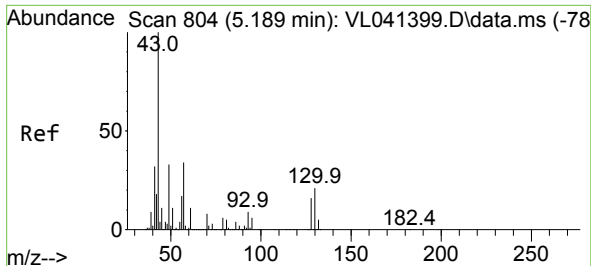


#24
 1,1-Dichloroethane
 Concen: 9.858 ppbv
 RT: 4.555 min Scan# 607
 Delta R.T. 0.006 min
 Lab File: VL041422.D
 Acq: 29 Jul 2024 10:02

Tgt Ion: 63 Resp: 1152610

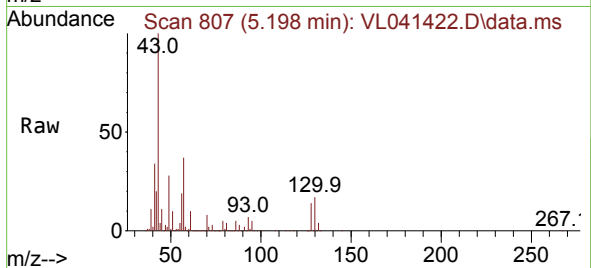
Ion	Ratio	Lower	Upper
63	100		
98	3.8	2.0	6.0
100	2.1	1.2	3.6





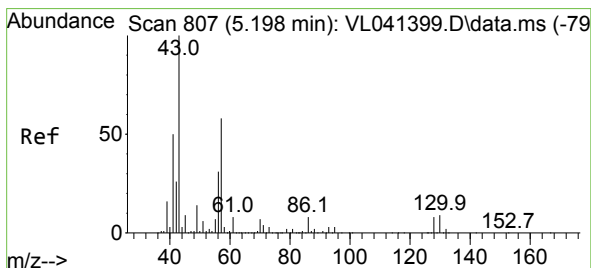
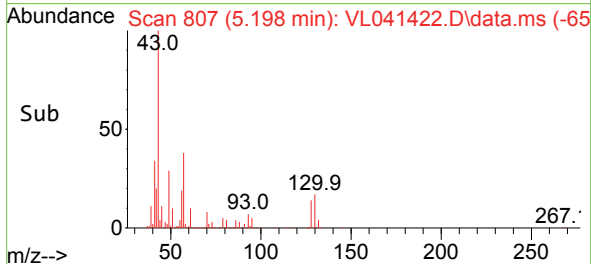
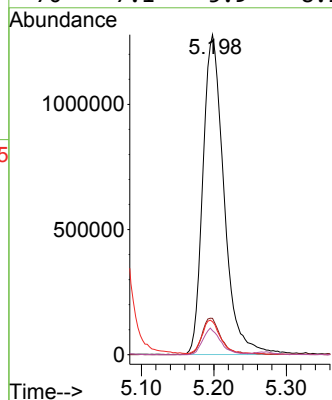
#25
Ethyl Acetate
Concen: 9.969 ppbv
RT: 5.198 min Scan# 804
Delta R.T. 0.006 min
Lab File: VL041422.D
Acq: 29 Jul 2024 10:02

Instrument :
MSVOA_L
ClientSampleId :



Tgt Ion: 43 Resp: 2575129

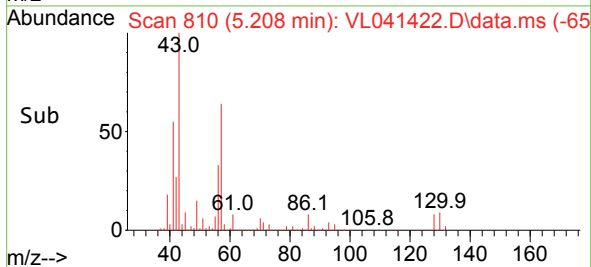
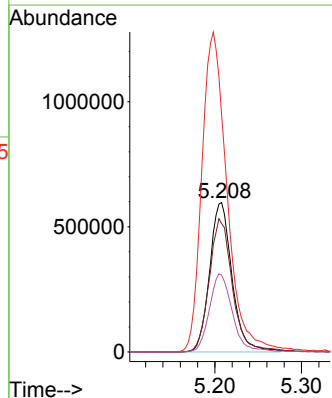
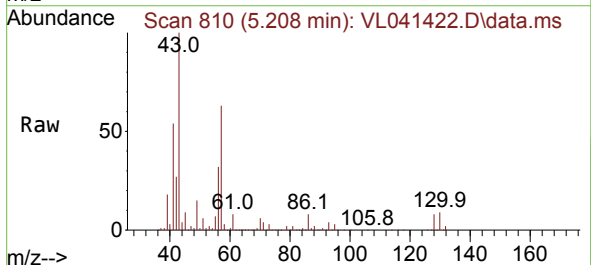
Ion	Ratio	Lower	Upper
43	100		
45	10.6	8.5	12.7
61	10.1	8.0	12.0
70	7.1	5.9	8.9

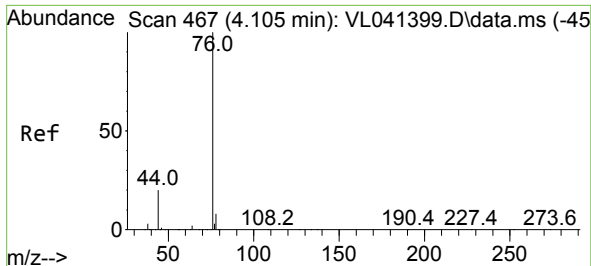


#26
Hexane
Concen: 10.003 ppbv
RT: 5.208 min Scan# 810
Delta R.T. 0.010 min
Lab File: VL041422.D
Acq: 29 Jul 2024 10:02

Tgt Ion: 57 Resp: 1071870

Ion	Ratio	Lower	Upper
57	100		
41	92.9	74.0	111.0
43	241.4	193.6	290.4
56	53.9	43.1	64.7





#27

Carbon Disulfide

Concen: 10.495 ppbv

RT: 4.115 min Scan# 41

Delta R.T. 0.006 min

Lab File: VL041422.D

Acq: 29 Jul 2024 10:02

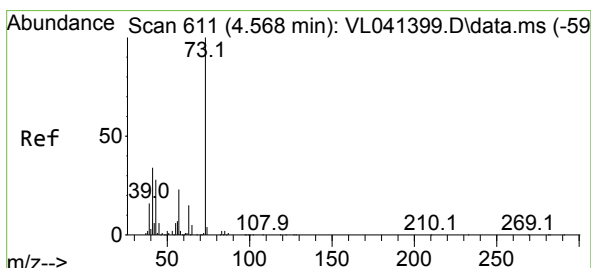
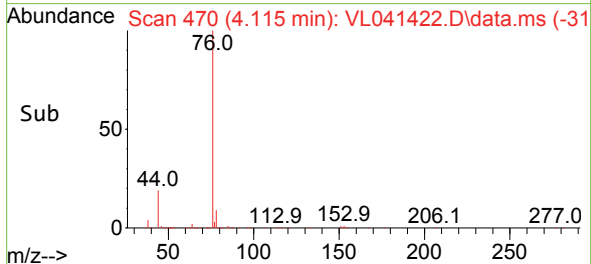
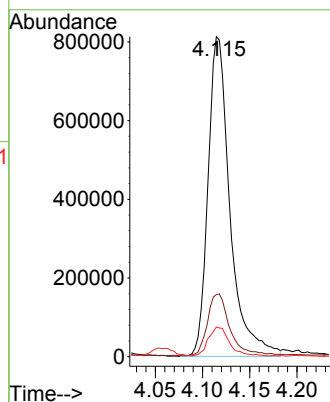
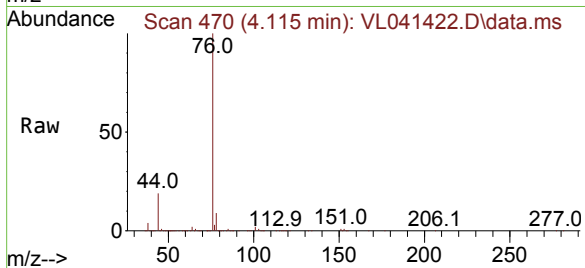
Instrument :

MSVOA_L

ClientSampleId :

Tgt Ion: 76 Resp: 1315514

Ion	Ratio	Lower	Upper
76	100		
44	20.4	15.6	23.4
78	9.4	7.7	11.5



#28

Methyl tert-Butyl Ether

Concen: 9.855 ppbv

RT: 4.578 min Scan# 614

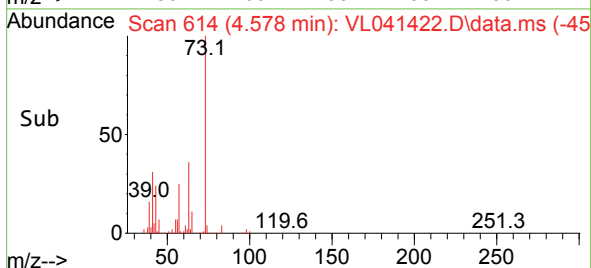
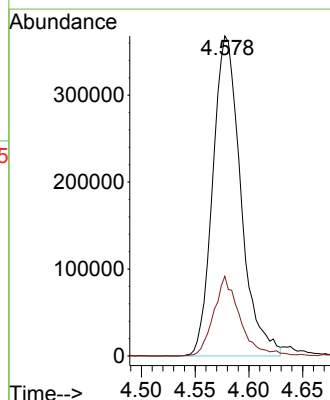
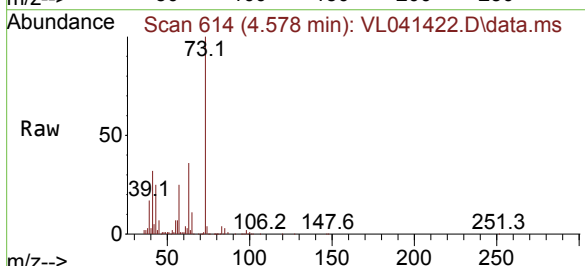
Delta R.T. 0.006 min

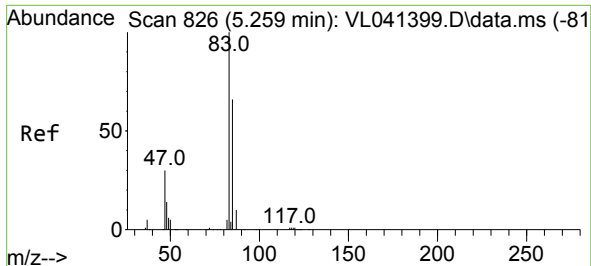
Lab File: VL041422.D

Acq: 29 Jul 2024 10:02

Tgt Ion: 73 Resp: 665917

Ion	Ratio	Lower	Upper
73	100		
57	23.5	18.9	28.3





#29

Chloroform

Concen: 9.703 ppbv

RT: 5.269 min Scan# 81

Delta R.T. 0.006 min

Lab File: VL041422.D

Acq: 29 Jul 2024 10:02

Instrument :

MSVOA_L

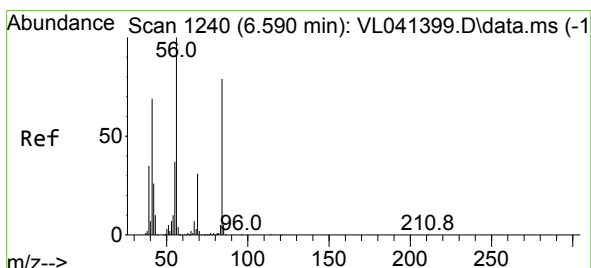
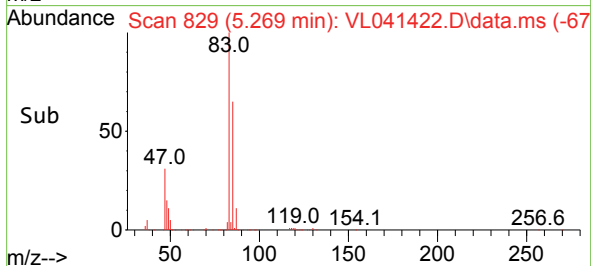
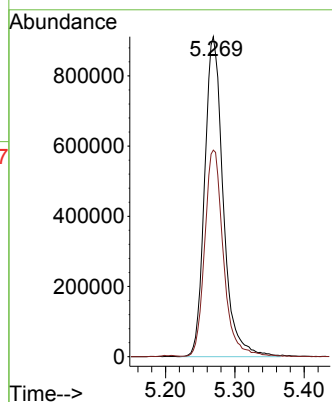
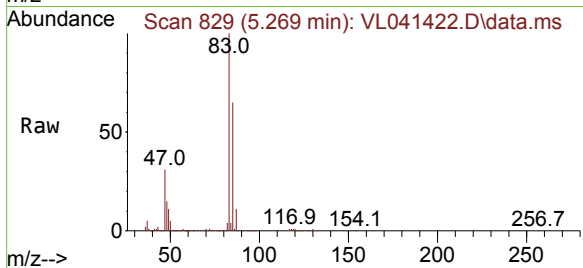
ClientSampleId :

Tgt Ion: 83 Resp: 1695773

Ion Ratio Lower Upper

83 100

85 64.4 53.1 79.7



#30

Cyclohexane

Concen: 10.568 ppbv

RT: 6.597 min Scan# 1242

Delta R.T. 0.003 min

Lab File: VL041422.D

Acq: 29 Jul 2024 10:02

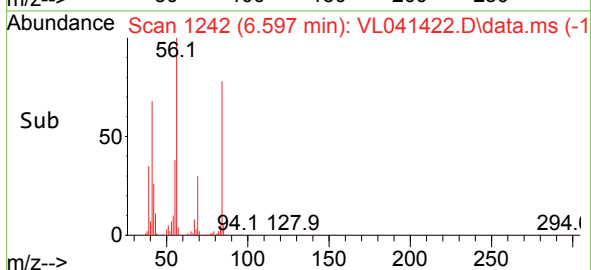
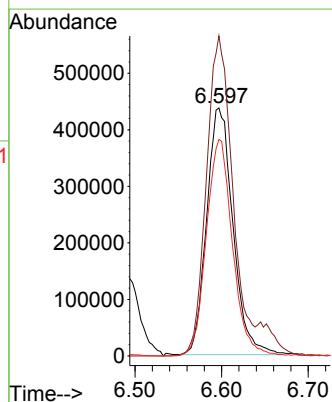
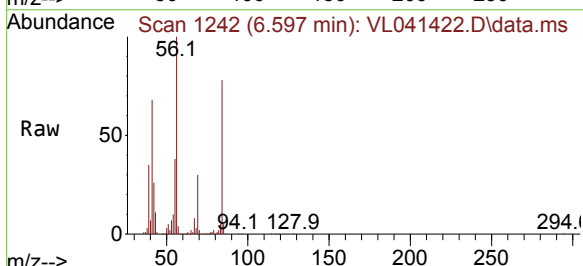
Tgt Ion: 84 Resp: 922176

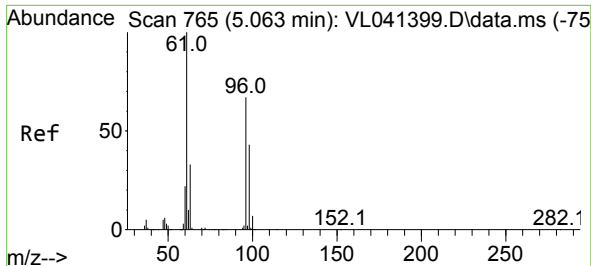
Ion Ratio Lower Upper

84 100

56 138.2 111.2 166.8

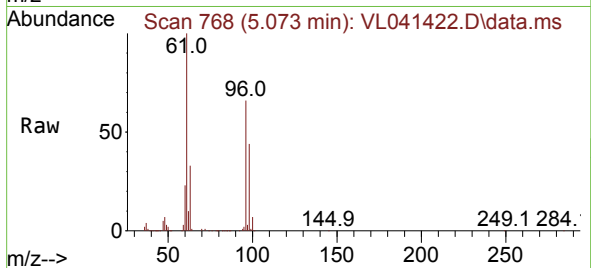
41 87.5 70.3 105.5





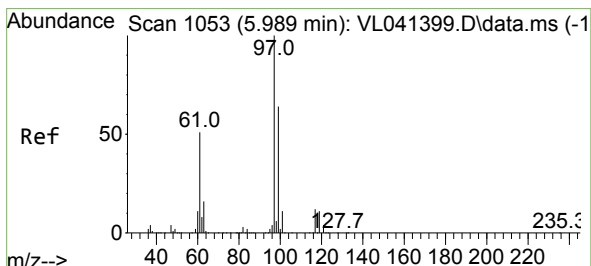
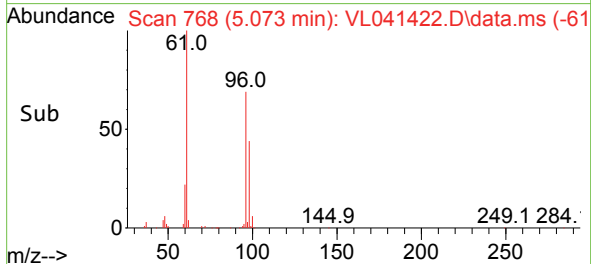
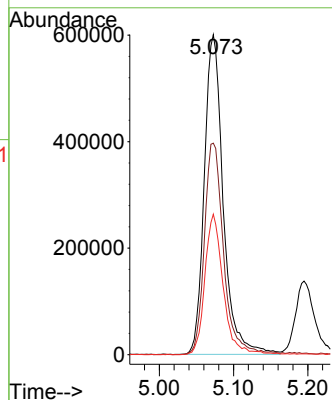
#31
cis-1,2-Dichloroethene
Concen: 10.045 ppbv
RT: 5.073 min Scan# 768
Delta R.T. 0.006 min
Lab File: VL041422.D
Acq: 29 Jul 2024 10:02

Instrument :
MSVOA_L
ClientSampleId :



Tgt Ion: 61 Resp: 1063267

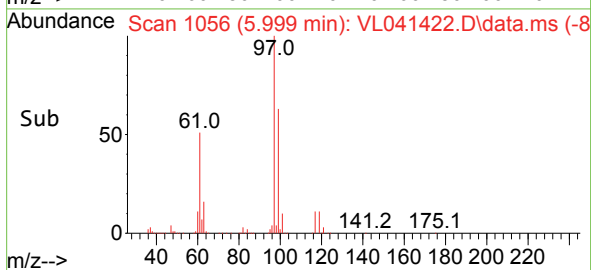
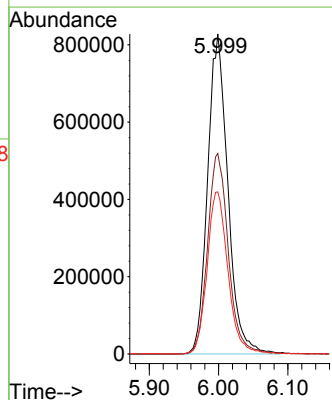
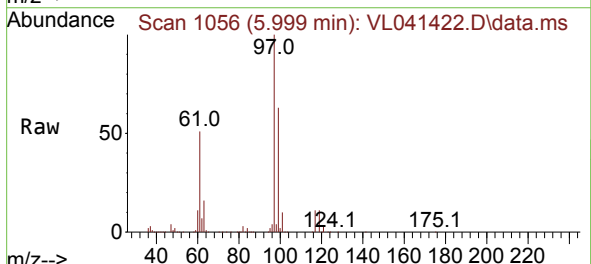
Ion	Ratio	Lower	Upper
61	100		
96	66.1	53.4	80.2
98	43.9	34.4	51.6

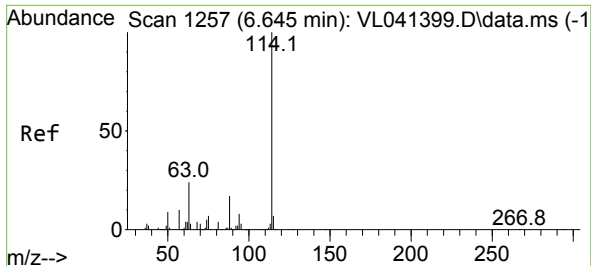


#32
1,1,1-Trichloroethane
Concen: 9.849 ppbv
RT: 5.999 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VL041422.D
Acq: 29 Jul 2024 10:02

Tgt Ion: 97 Resp: 1675630

Ion	Ratio	Lower	Upper
97	100		
99	64.4	52.0	78.0
61	52.5	41.8	62.8





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.648 min Scan# 11

Delta R.T. 0.003 min

Lab File: VL041422.D

Acq: 29 Jul 2024 10:02

Instrument :

MSVOA_L

ClientSampleId :

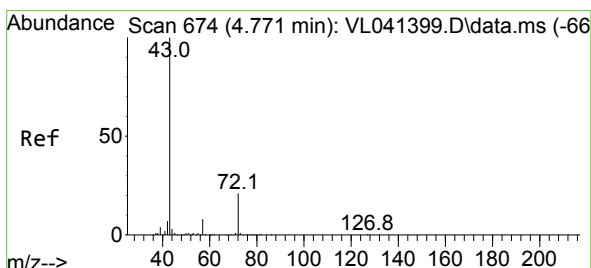
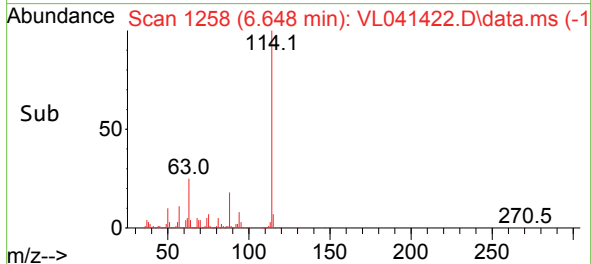
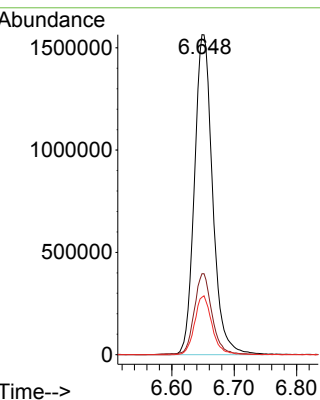
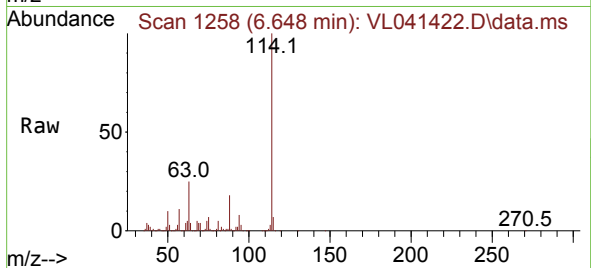
Tgt Ion:114 Resp: 3161990

Ion Ratio Lower Upper

114 100

63 25.1 20.3 30.5

88 17.7 14.3 21.5



#34

2-Butanone

Concen: 10.051 ppbv

RT: 4.777 min Scan# 676

Delta R.T. 0.003 min

Lab File: VL041422.D

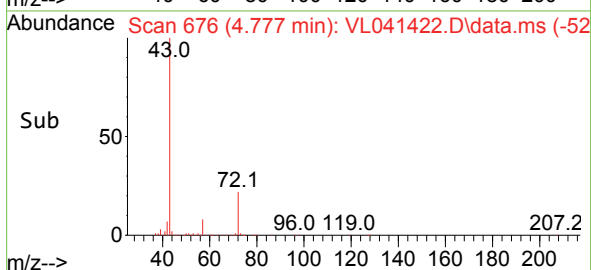
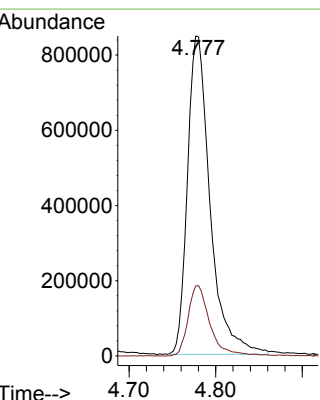
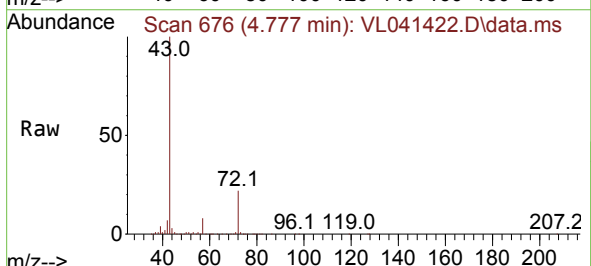
Acq: 29 Jul 2024 10:02

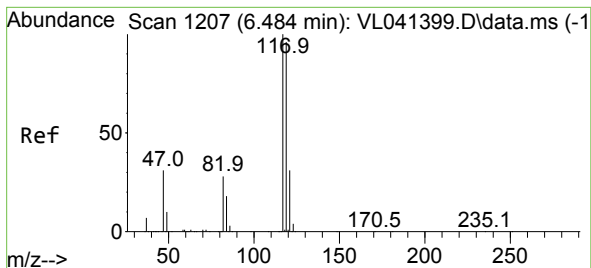
Tgt Ion: 43 Resp: 1537320

Ion Ratio Lower Upper

43 100

72 21.6 17.3 25.9





#35

Carbon Tetrachloride

Concen: 10.002 ppbv

RT: 6.487 min Scan# 1170

Delta R.T. 0.003 min

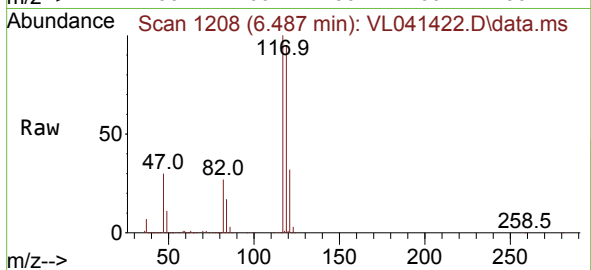
Lab File: VL041422.D

Acq: 29 Jul 2024 10:02

Instrument :

MSVOA_L

ClientSampleId :



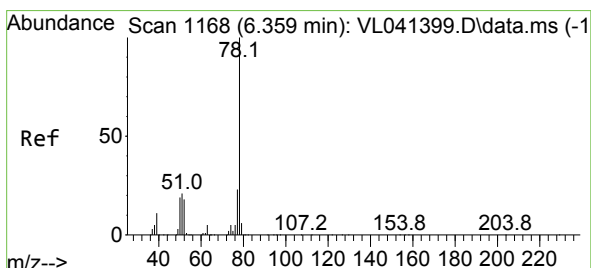
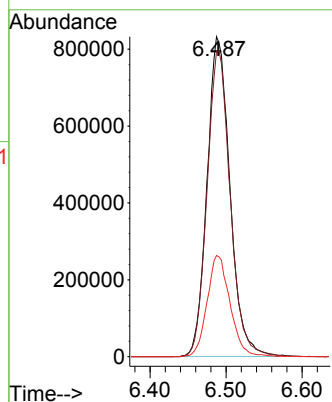
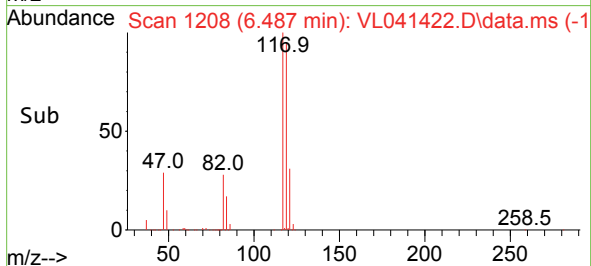
Tgt Ion:117 Resp: 1744463

Ion Ratio Lower Upper

117 100

119 95.5 76.6 115.0

121 31.6 25.1 37.7



#36

Benzene

Concen: 10.017 ppbv

RT: 6.365 min Scan# 1170

Delta R.T. 0.006 min

Lab File: VL041422.D

Acq: 29 Jul 2024 10:02

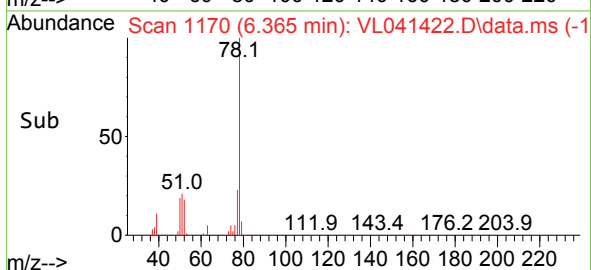
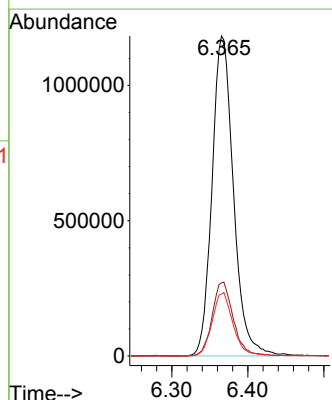
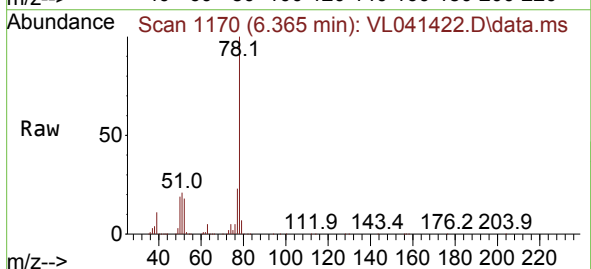
Tgt Ion: 78 Resp: 2314346

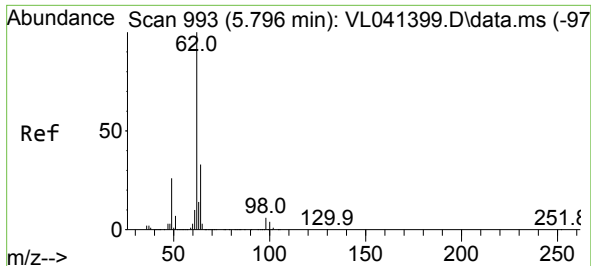
Ion Ratio Lower Upper

78 100

77 22.8 18.1 27.1

50 19.3 15.5 23.3





#37

1,2-Dichloroethane

Concen: 10.029 ppbv

RT: 5.803 min Scan# 993

Delta R.T. 0.006 min

Lab File: VL041422.D

Acq: 29 Jul 2024 10:02

Instrument :

MSVOA_L

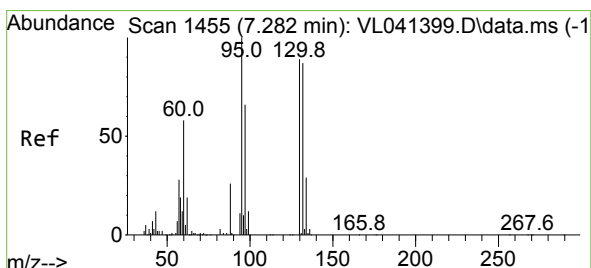
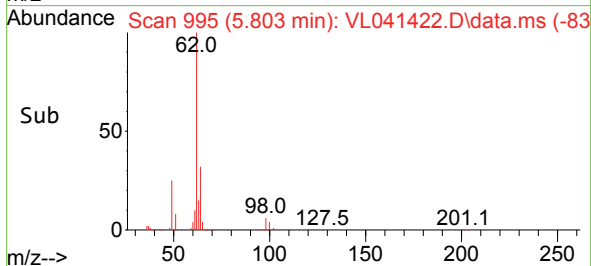
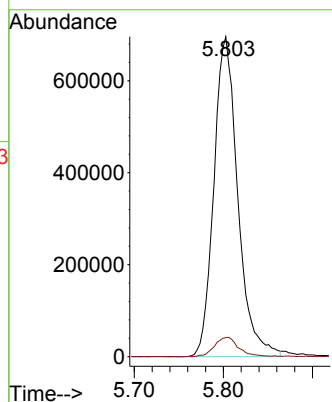
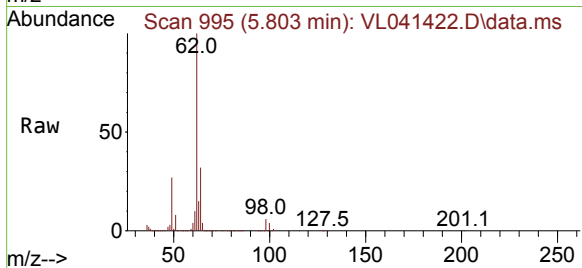
ClientSampleId :

Tgt Ion: 62 Resp: 1296948

Ion Ratio Lower Upper

62 100

98 6.3 5.0 7.4



#38

Trichloroethene

Concen: 10.025 ppbv

RT: 7.288 min Scan# 1457

Delta R.T. 0.006 min

Lab File: VL041422.D

Acq: 29 Jul 2024 10:02

Tgt Ion:130 Resp: 1061155

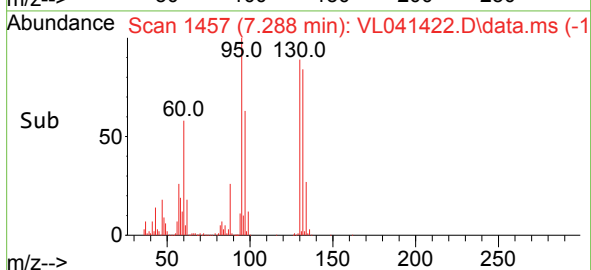
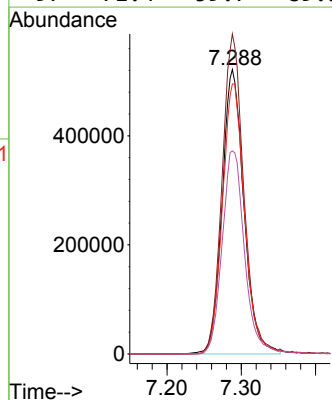
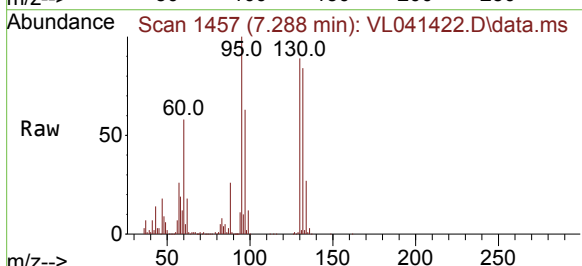
Ion Ratio Lower Upper

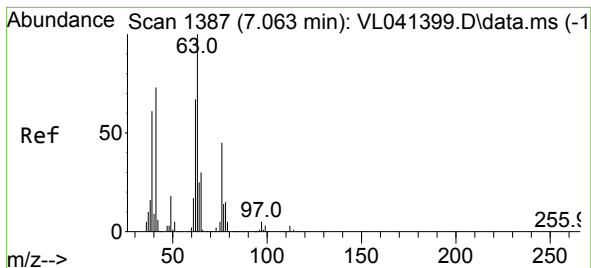
130 100

95 112.5 90.2 135.2

132 94.9 78.1 117.1

97 71.4 59.7 89.5





#39

1,2-Dichloropropane

Concen: 9.987 ppbv

RT: 7.069 min Scan# 11

Delta R.T. 0.006 min

Lab File: VL041422.D

Acq: 29 Jul 2024 10:02

Instrument :

MSVOA_L

ClientSampleId :

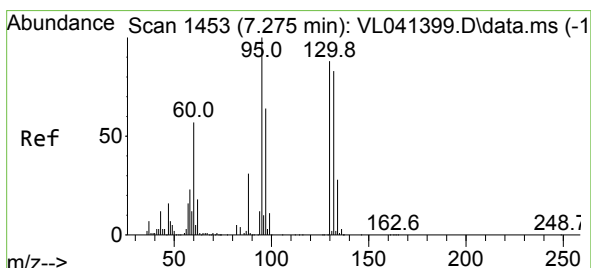
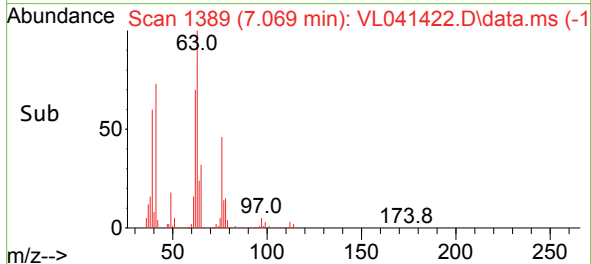
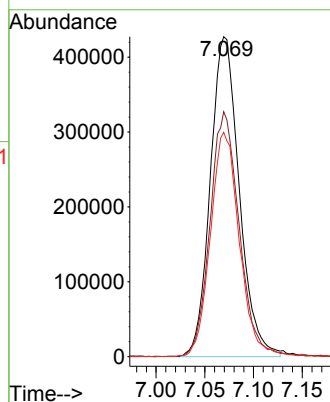
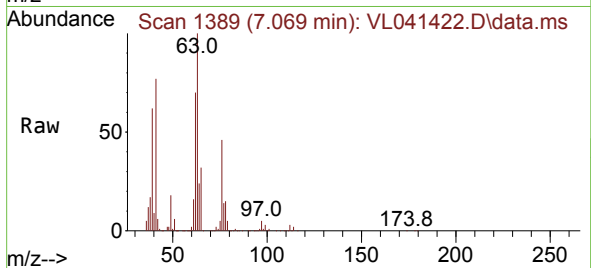
Tgt Ion: 63 Resp: 883374

Ion Ratio Lower Upper

63 100

41 76.3 58.3 87.5

62 69.7 53.9 80.9



#40

1,4-Dioxane

Concen: 10.711 ppbv

RT: 7.278 min Scan# 1454

Delta R.T. 0.003 min

Lab File: VL041422.D

Acq: 29 Jul 2024 10:02

Tgt Ion: 88 Resp: 380609

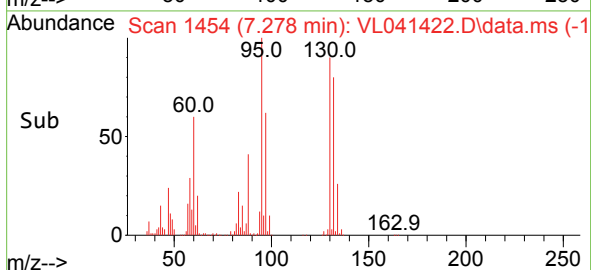
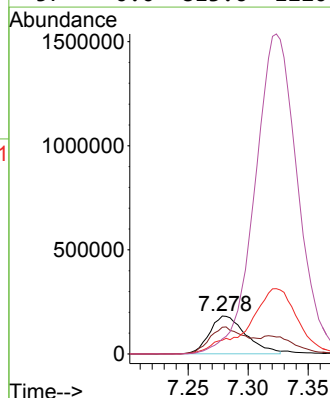
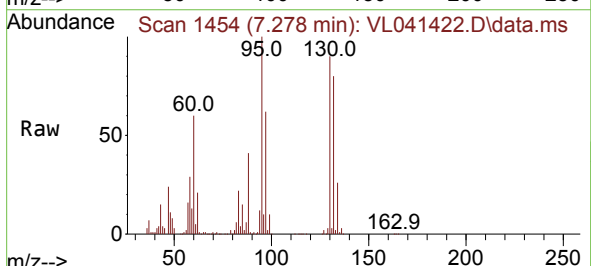
Ion Ratio Lower Upper

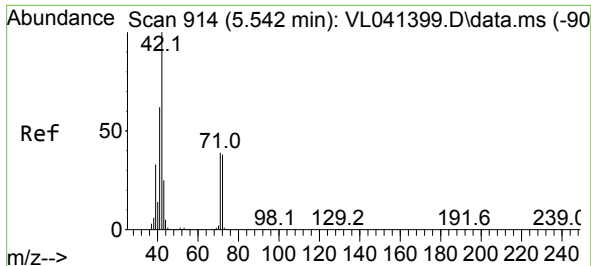
88 100

58 118.9 95.8 143.6

43 0.0 188.2 282.2#

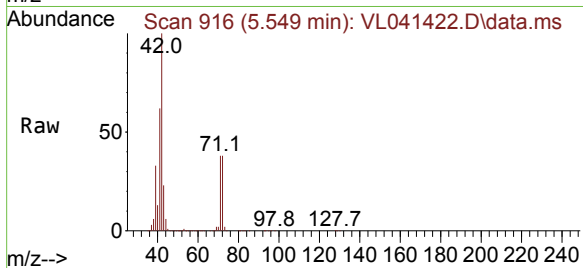
57 0.0 813.6 1220.4#



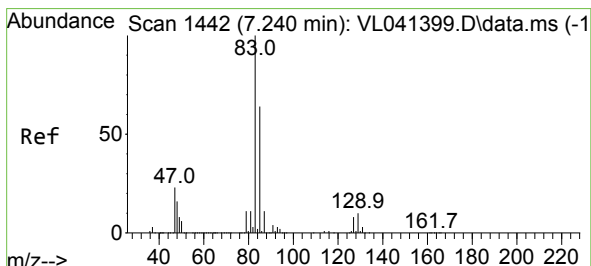
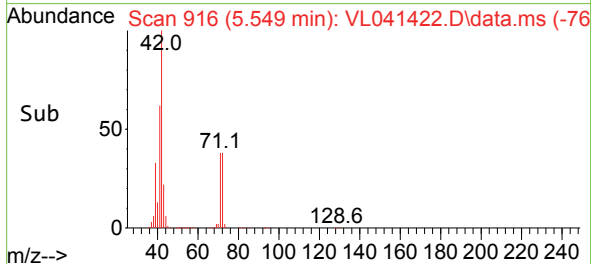
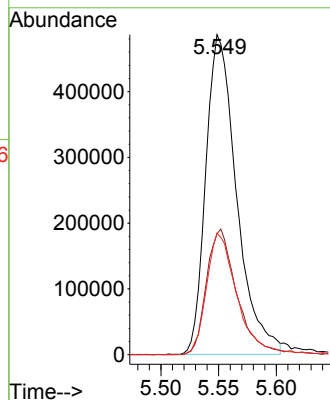


#41
Tetrahydrofuran
Concen: 10.312 ppbv
RT: 5.549 min Scan# 914
Delta R.T. 0.003 min
Lab File: VL041422.D
Acq: 29 Jul 2024 10:02

Instrument :
MSVOA_L
ClientSampleId :

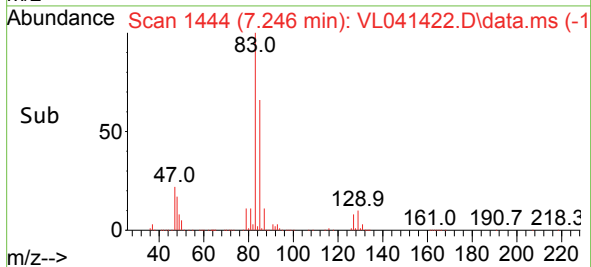
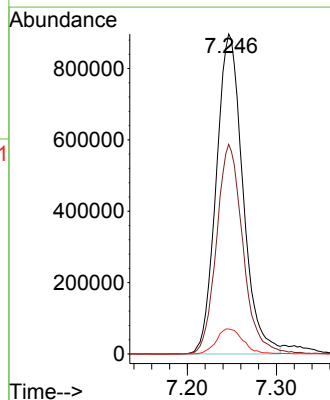
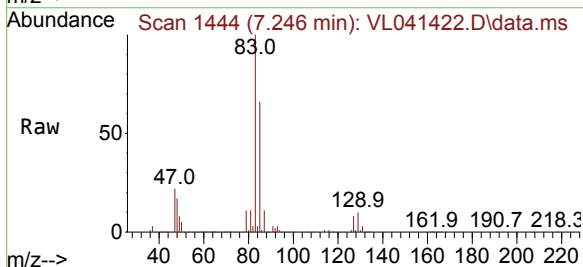


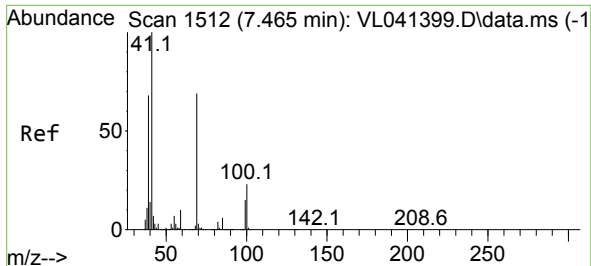
Tgt Ion: 42 Resp: 902077
Ion Ratio Lower Upper
42 100
72 39.4 31.2 46.8
71 38.3 30.5 45.7



#42
Bromodichloromethane
Concen: 9.976 ppbv
RT: 7.246 min Scan# 1444
Delta R.T. 0.006 min
Lab File: VL041422.D
Acq: 29 Jul 2024 10:02

Tgt Ion: 83 Resp: 1862731
Ion Ratio Lower Upper
83 100
85 65.5 51.4 77.0
127 7.8 6.7 10.1

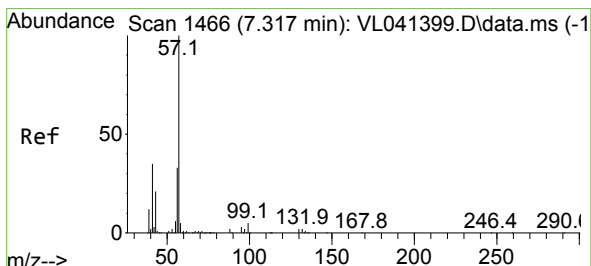
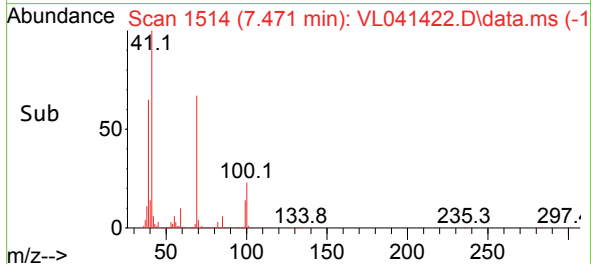
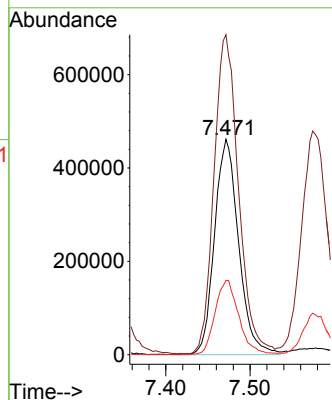
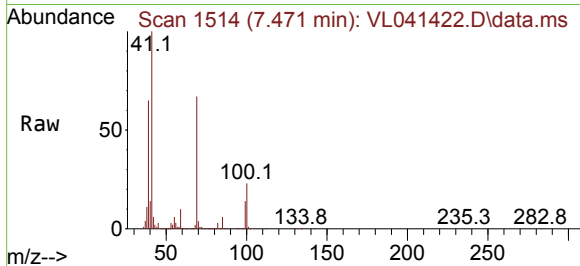




#43
Methyl Methacrylate
Concen: 11.042 ppbv
RT: 7.471 min Scan# 1512
Delta R.T. 0.006 min
Lab File: VL041422.D
Acq: 29 Jul 2024 10:02

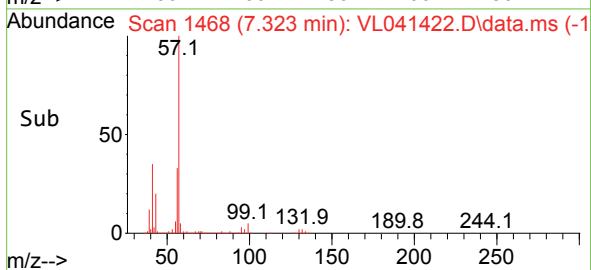
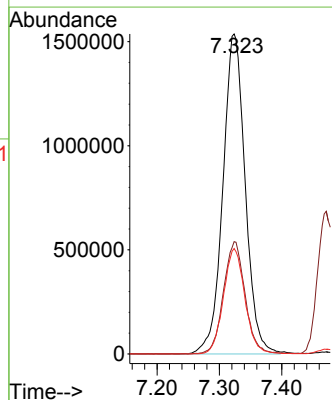
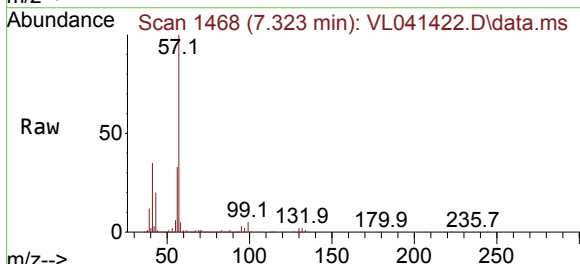
Instrument :
MSVOA_L
ClientSampleId :

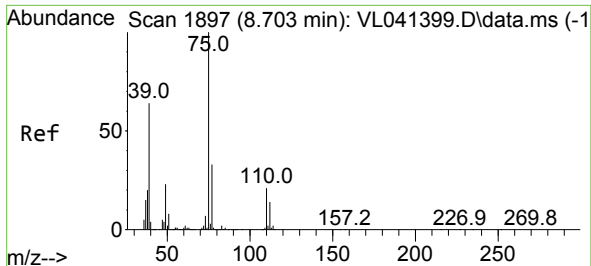
Tgt Ion: 69 Resp: 914850
Ion Ratio Lower Upper
69 100
41 151.2 118.7 178.1
100 34.3 27.0 40.4



#44
2,2,4-Trimethylpentane
Concen: 9.911 ppbv
RT: 7.323 min Scan# 1468
Delta R.T. 0.006 min
Lab File: VL041422.D
Acq: 29 Jul 2024 10:02

Tgt Ion: 57 Resp: 3824642
Ion Ratio Lower Upper
57 100
41 33.9 27.0 40.6
56 31.8 25.2 37.8

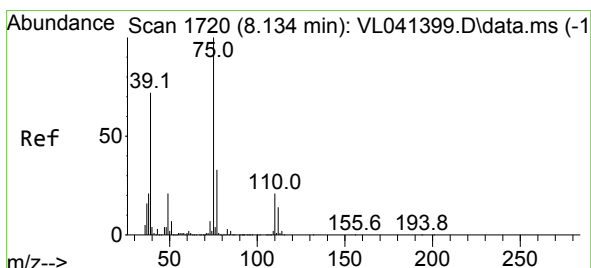
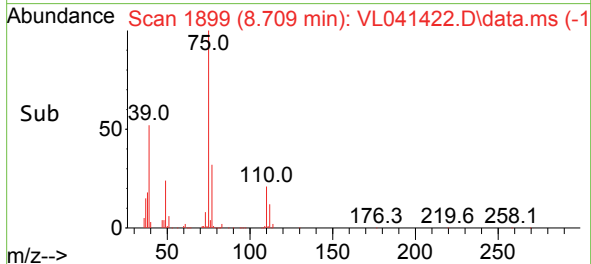
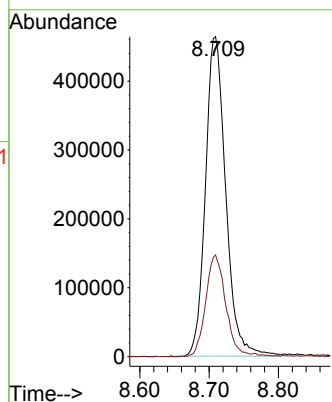
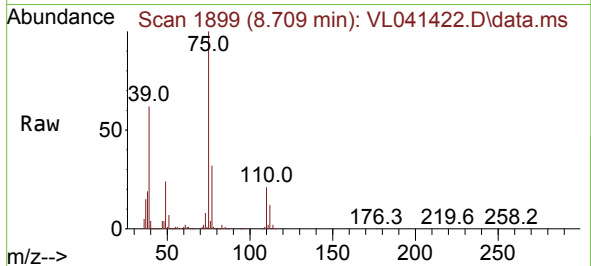




#45
t-1,3-Dichloropropene
Concen: 12.360 ppbv
RT: 8.709 min Scan# 1897
Delta R.T. 0.006 min
Lab File: VL041422.D
Acq: 29 Jul 2024 10:02

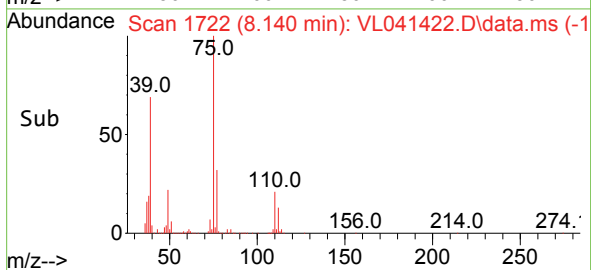
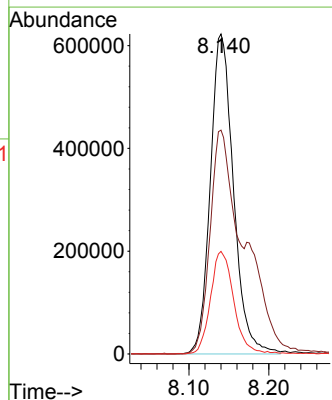
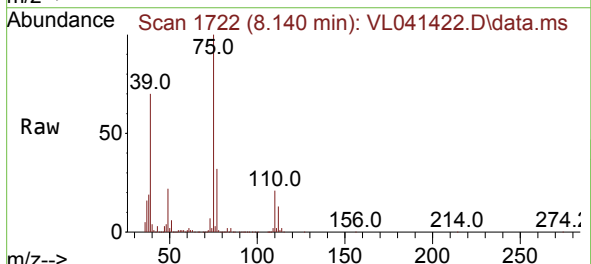
Instrument :
MSVOA_L
ClientSampleId :

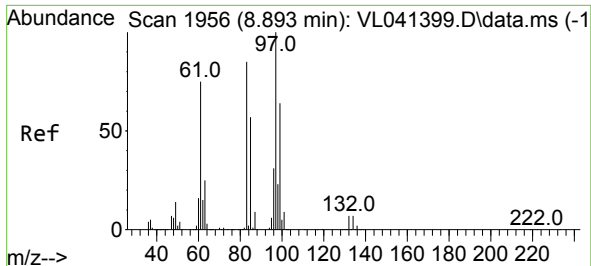
Tgt Ion: 75 Resp: 942583
Ion Ratio Lower Upper
75 100
77 31.8 26.5 39.7



#46
cis-1,3-Dichloropropene
Concen: 11.361 ppbv
RT: 8.140 min Scan# 1722
Delta R.T. 0.006 min
Lab File: VL041422.D
Acq: 29 Jul 2024 10:02

Tgt Ion: 75 Resp: 1251122
Ion Ratio Lower Upper
75 100
39 69.8 57.3 85.9
77 32.0 26.2 39.2





#47

1,1,2-Trichloroethane

Concen: 9.882 ppbv

RT: 8.896 min Scan# 1956

Delta R.T. 0.003 min

Lab File: VL041422.D

Acq: 29 Jul 2024 10:02

Instrument :

MSVOA_L

ClientSampleId :

Tgt Ion: 97 Resp: 963521

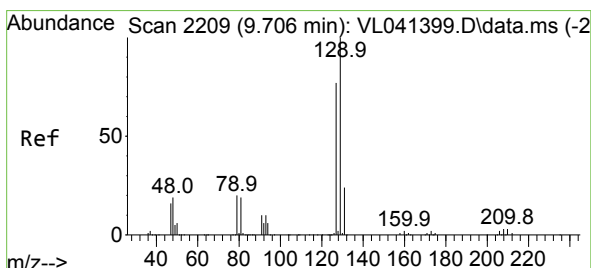
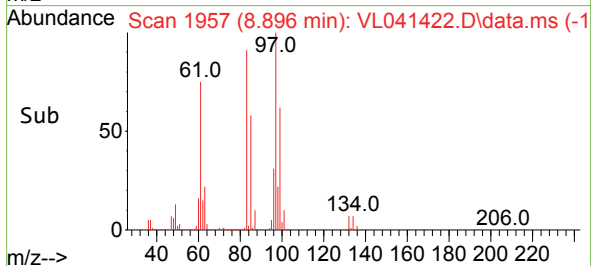
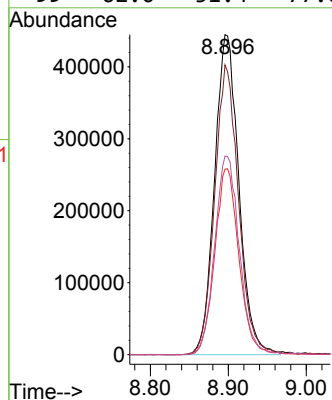
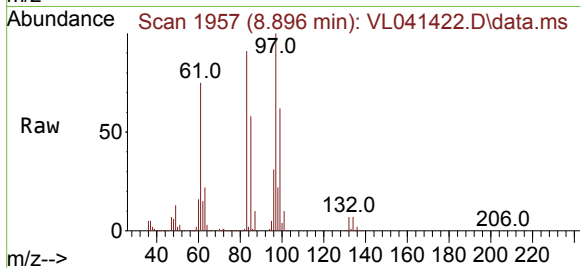
Ion Ratio Lower Upper

97 100

83 90.5 67.6 101.4

85 58.0 45.9 68.9

99 62.0 51.4 77.0



#48

Dibromochloromethane

Concen: 10.344 ppbv

RT: 9.709 min Scan# 2210

Delta R.T. 0.006 min

Lab File: VL041422.D

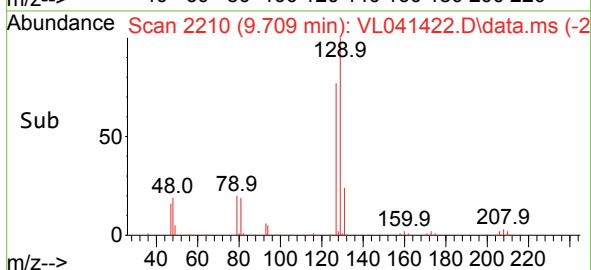
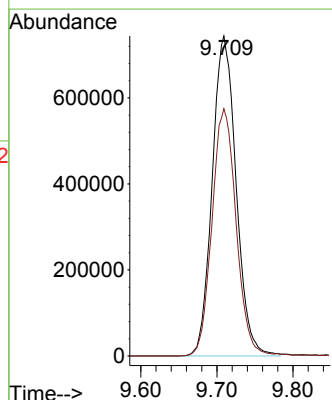
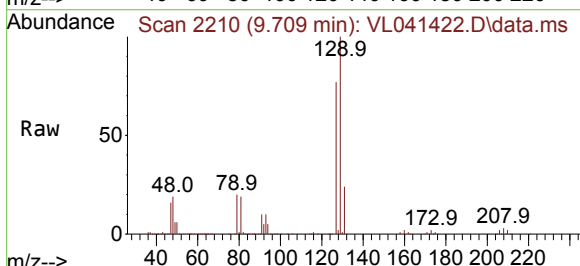
Acq: 29 Jul 2024 10:02

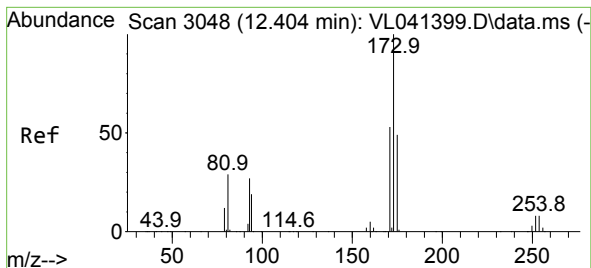
Tgt Ion: 129 Resp: 1624734

Ion Ratio Lower Upper

129 100

127 78.3 39.3 117.8





#49

Bromoform

Concen: 10.778 ppbv

RT: 12.407 min Scan# 3048

Delta R.T. 0.003 min

Lab File: VL041422.D

Acq: 29 Jul 2024 10:02

Instrument :

MSVOA_L

ClientSampleId :

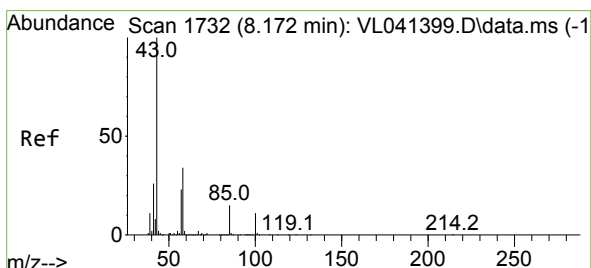
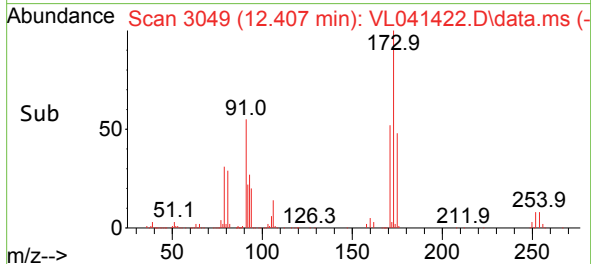
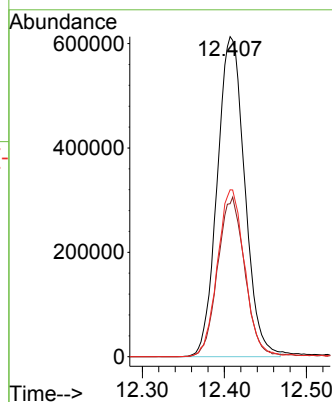
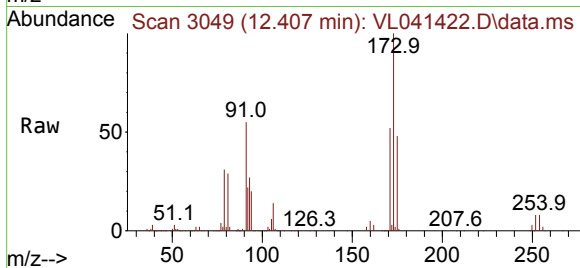
Tgt Ion:173 Resp: 1430061

Ion Ratio Lower Upper

173 100

175 49.9 39.9 59.9

171 52.4 41.7 62.5



#50

4-Methyl-2-Pentanone

Concen: 10.667 ppbv

RT: 8.179 min Scan# 1734

Delta R.T. 0.006 min

Lab File: VL041422.D

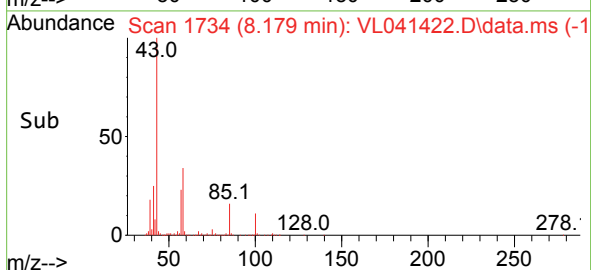
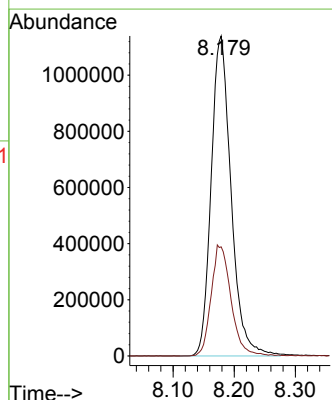
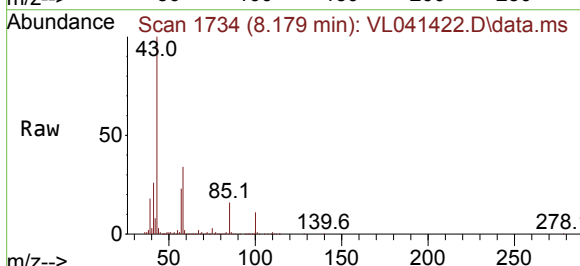
Acq: 29 Jul 2024 10:02

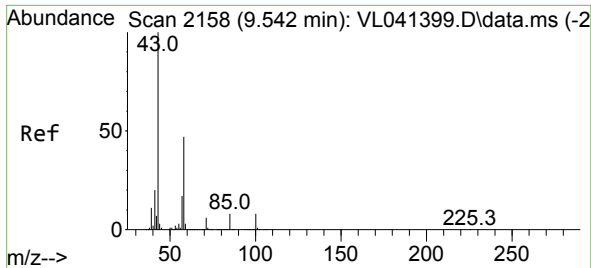
Tgt Ion: 43 Resp: 2574111

Ion Ratio Lower Upper

43 100

58 34.7 27.9 41.9

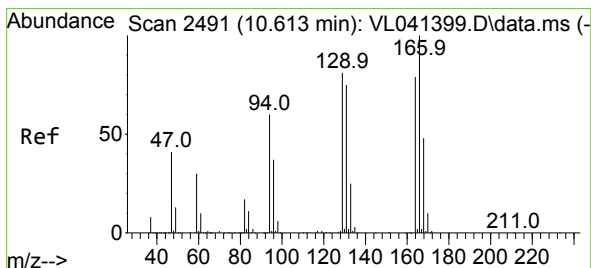
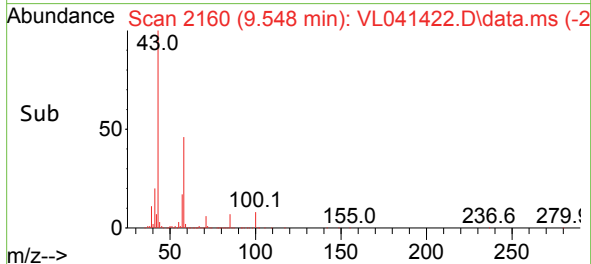
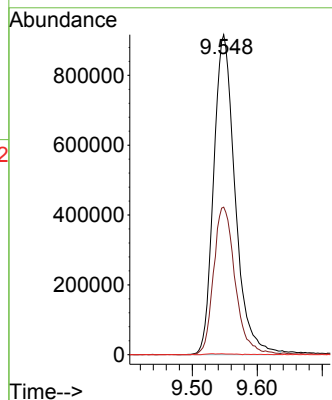
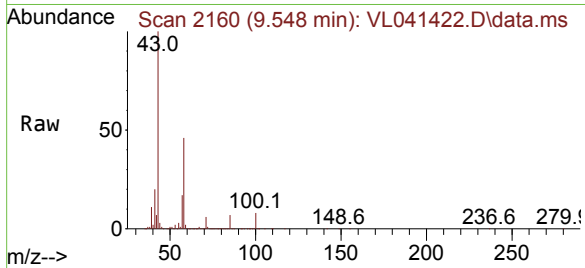




#51
2-Hexanone
Concen: 11.509 ppbv
RT: 9.548 min Scan# 2158
Delta R.T. 0.006 min
Lab File: VL041422.D
Acq: 29 Jul 2024 10:02

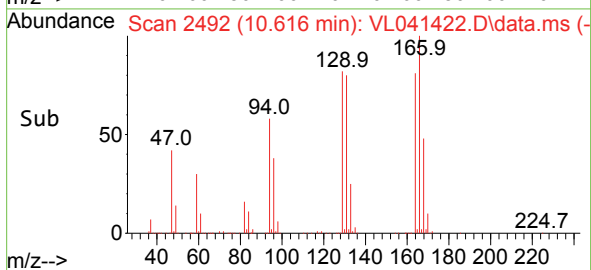
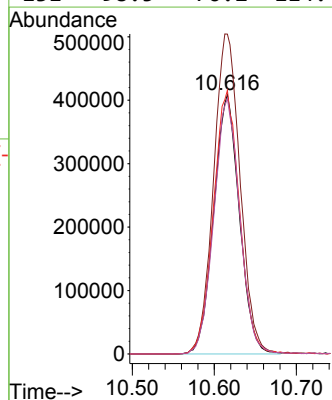
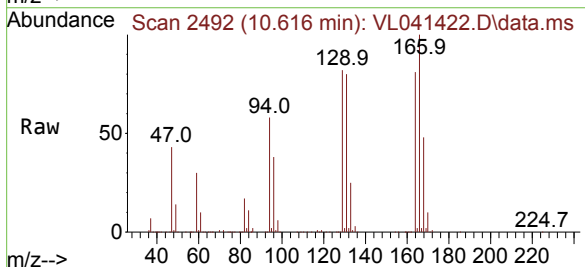
Instrument :
MSVOA_L
ClientSampleId :

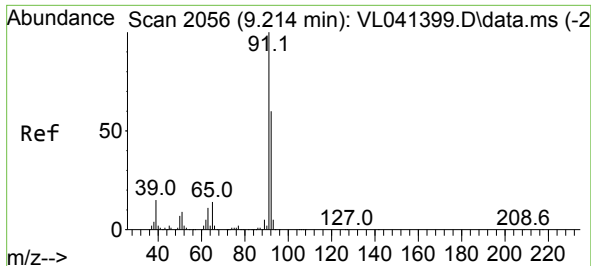
Tgt Ion: 43 Resp: 2100112
Ion Ratio Lower Upper
43 100
58 46.8 38.2 57.2
98 0.3 0.3 0.5



#52
Tetrachloroethene
Concen: 9.926 ppbv
RT: 10.616 min Scan# 2492
Delta R.T. 0.006 min
Lab File: VL041422.D
Acq: 29 Jul 2024 10:02

Tgt Ion:164 Resp: 886169
Ion Ratio Lower Upper
164 100
166 123.3 101.1 151.7
129 101.6 81.7 122.5
131 98.5 76.2 114.4

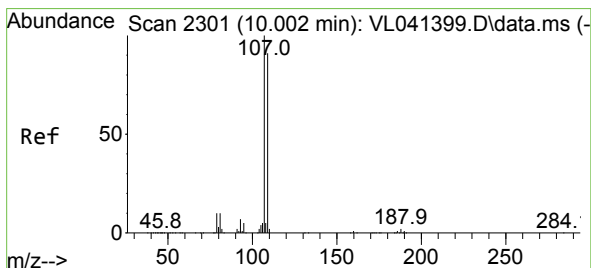
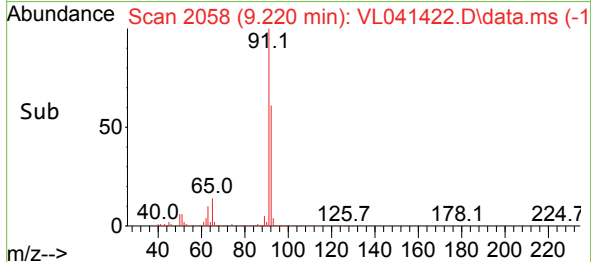
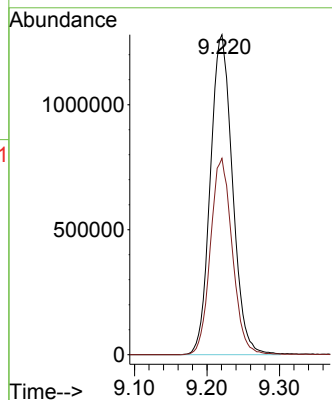
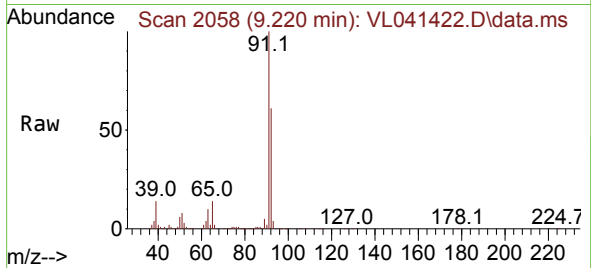




#53
Toluene
Concen: 10.550 ppbv
RT: 9.220 min Scan# 2056
Delta R.T. 0.003 min
Lab File: VL041422.D
Acq: 29 Jul 2024 10:02

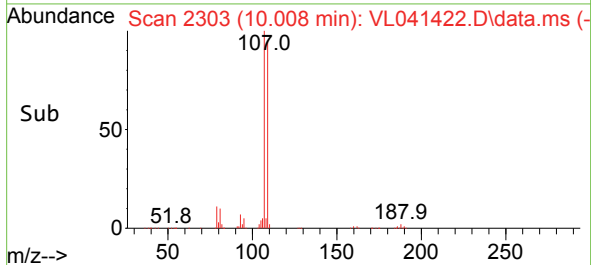
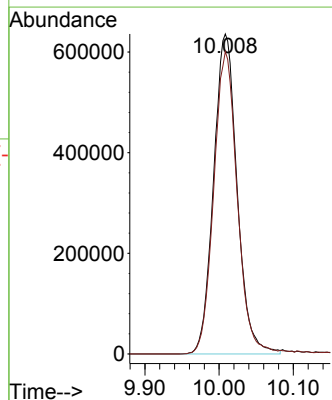
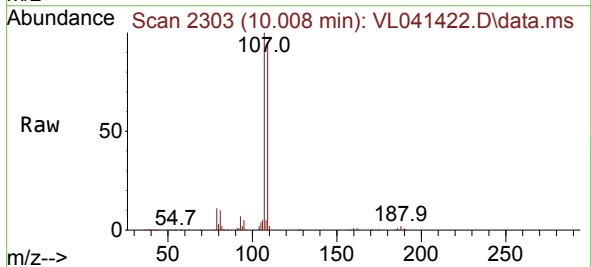
Instrument :
MSVOA_L
ClientSampleId :

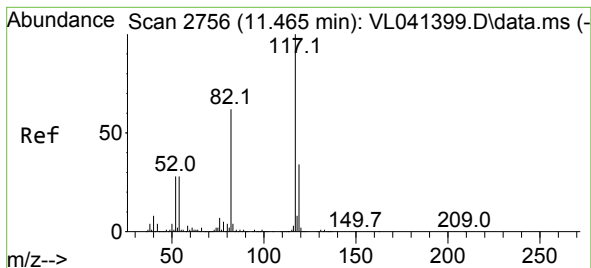
Tgt Ion: 91 Resp: 2715155
Ion Ratio Lower Upper
91 100
92 60.8 48.7 73.1



#54
1,2-Dibromoethane
Concen: 10.788 ppbv
RT: 10.008 min Scan# 2303
Delta R.T. 0.006 min
Lab File: VL041422.D
Acq: 29 Jul 2024 10:02

Tgt Ion: 107 Resp: 1400084
Ion Ratio Lower Upper
107 100
109 94.5 72.7 109.1

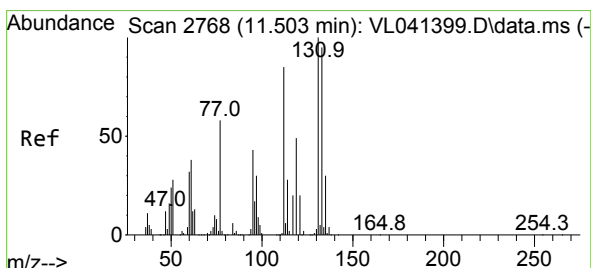
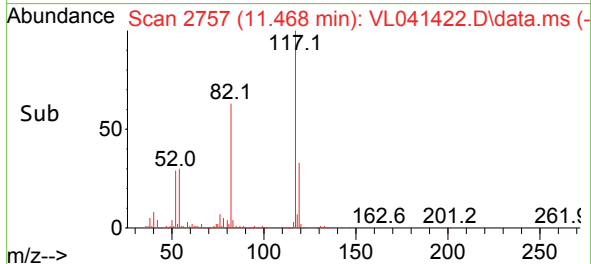
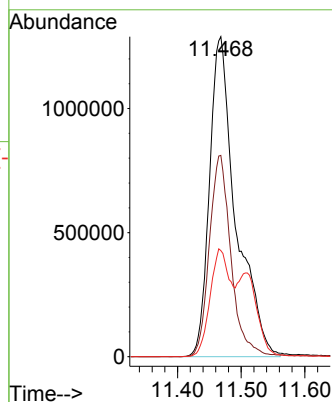
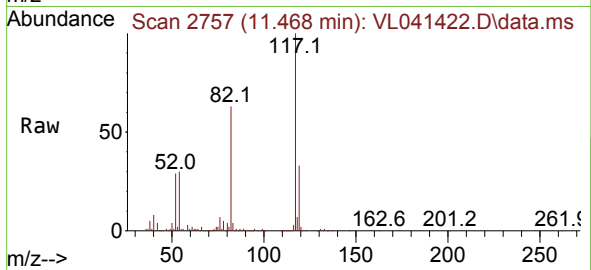




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.468 min Scan# 2756
Delta R.T. 0.003 min
Lab File: VL041422.D
Acq: 29 Jul 2024 10:02

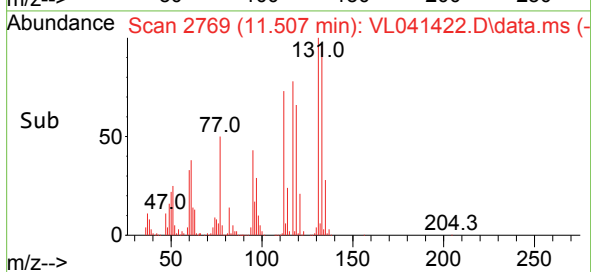
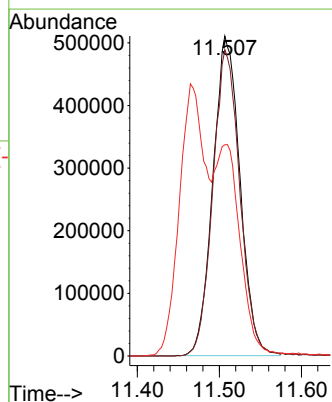
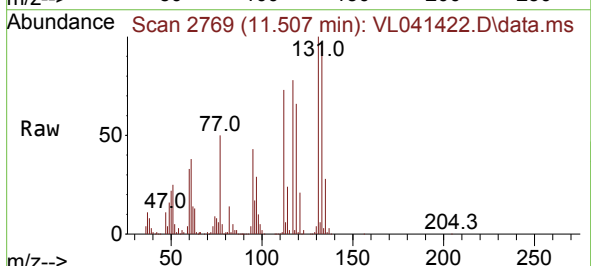
Instrument :
MSVOA_L
ClientSampleId :

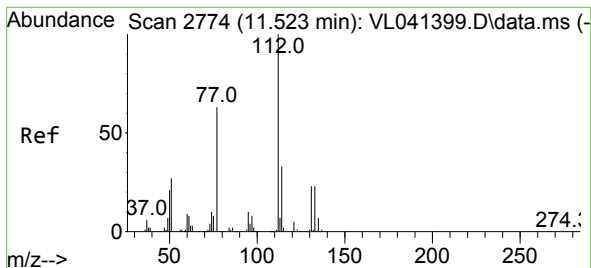
Tgt Ion:117 Resp: 3713645
Ion Ratio Lower Upper
117 100
82 52.1 51.0 76.6
119 26.7 45.2 67.8#



#56
1,1,1,2-Tetrachloroethane
Concen: 8.129 ppbv
RT: 11.507 min Scan# 2769
Delta R.T. -0.000 min
Lab File: VL041422.D
Acq: 29 Jul 2024 10:02

Tgt Ion:131 Resp: 1170791
Ion Ratio Lower Upper
131 100
133 96.4 77.0 115.4
119 61.7 121.5 182.3#





#57

Chlorobenzene

Concen: 7.924 ppbv

RT: 11.529 min Scan# 21

Delta R.T. 0.006 min

Lab File: VL041422.D

Acq: 29 Jul 2024 10:02

Instrument :

MSVOA_L

ClientSampleId :

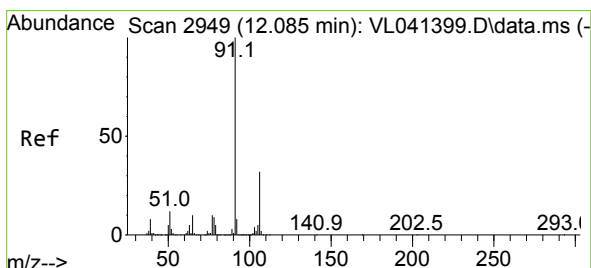
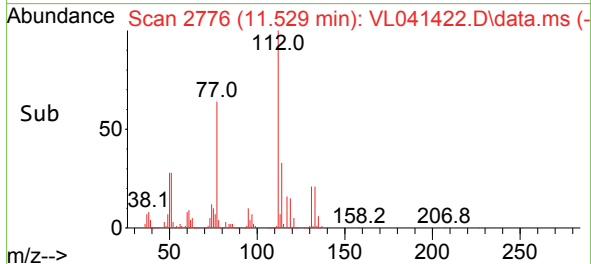
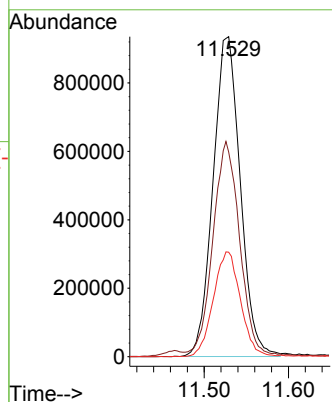
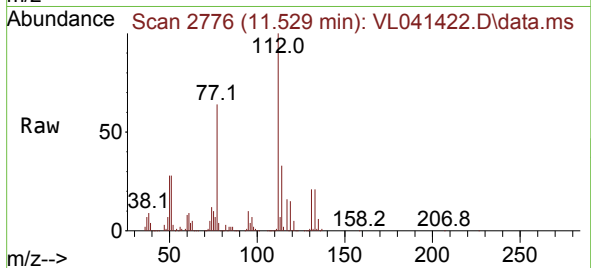
Tgt Ion:112 Resp: 2095093

Ion Ratio Lower Upper

112 100

77 63.1 51.1 76.7

114 32.6 29.5 36.1



#58

Ethyl Benzene

Concen: 8.527 ppbv

RT: 12.089 min Scan# 2950

Delta R.T. 0.003 min

Lab File: VL041422.D

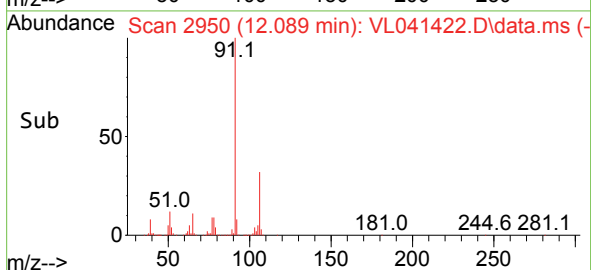
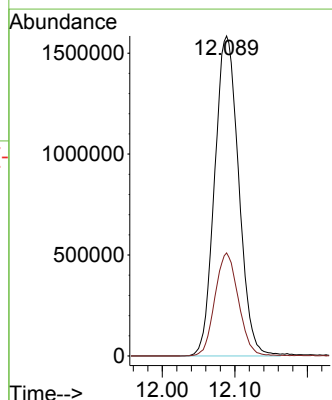
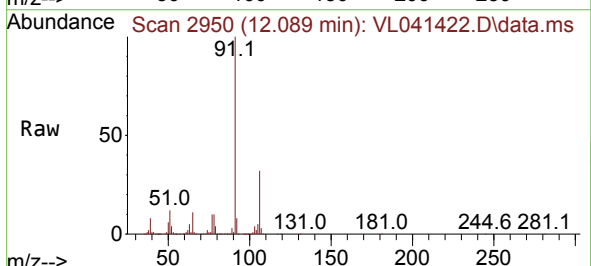
Acq: 29 Jul 2024 10:02

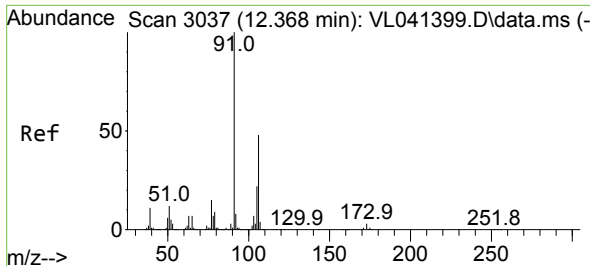
Tgt Ion: 91 Resp: 3649773

Ion Ratio Lower Upper

91 100

106 32.2 25.8 38.8





#59

m/p-Xylene

Concen: 0.556 ppbv

RT: 12.371 min Scan# 3038

Delta R.T. 0.003 min

Lab File: VL041422.D

Acq: 29 Jul 2024 10:02

Instrument :

MSVOA_L

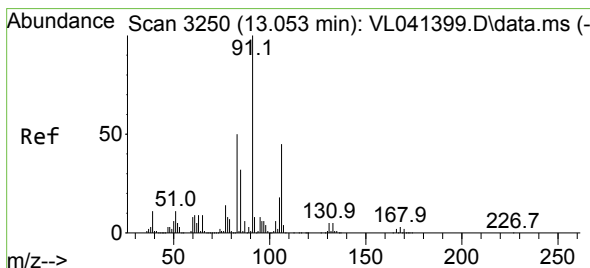
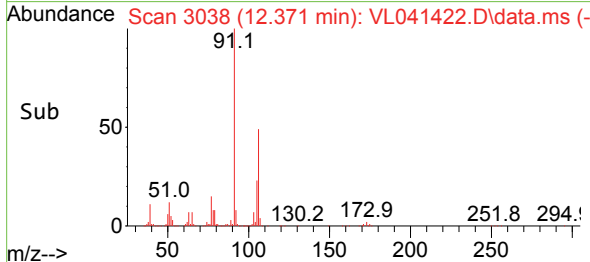
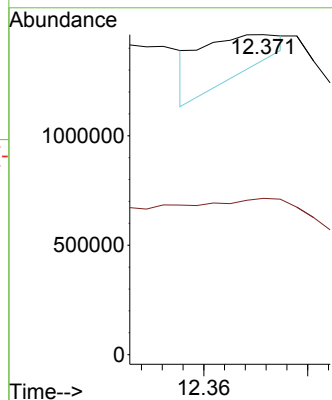
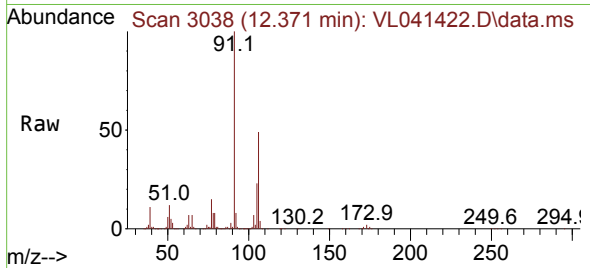
ClientSampleId :

Tgt Ion: 91 Resp: 205538

Ion Ratio Lower Upper

91 100

106 1379.5 36.3 54.5#



#60

o-Xylene

Concen: 8.540 ppbv

RT: 13.056 min Scan# 3251

Delta R.T. -0.000 min

Lab File: VL041422.D

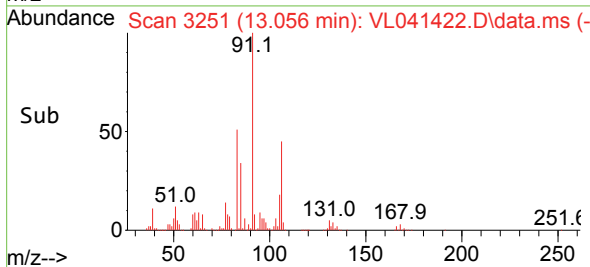
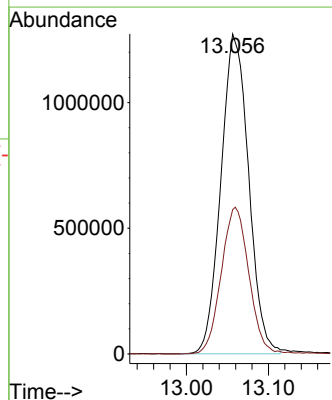
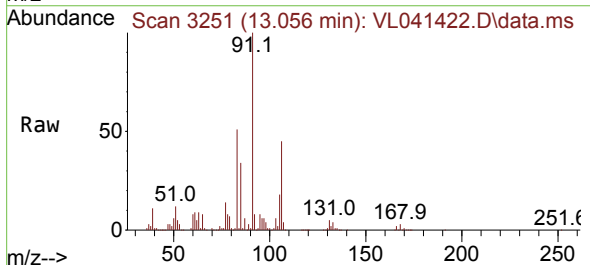
Acq: 29 Jul 2024 10:02

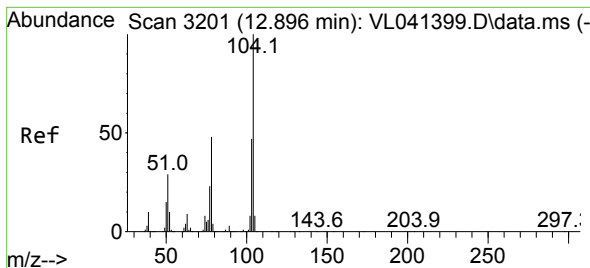
Tgt Ion: 91 Resp: 2985111

Ion Ratio Lower Upper

91 100

106 46.2 23.1 69.3





#61

Styrene

Concen: 9.501 ppbv

RT: 12.899 min Scan# 31

Delta R.T. 0.003 min

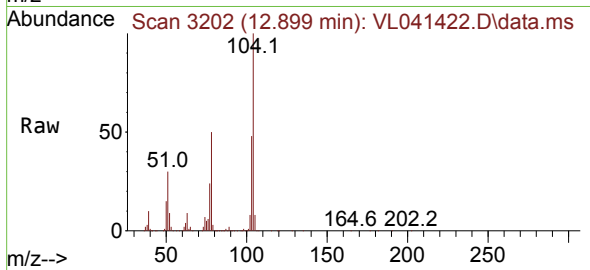
Lab File: VL041422.D

Acq: 29 Jul 2024 10:02

Instrument :

MSVOA_L

ClientSampleId :



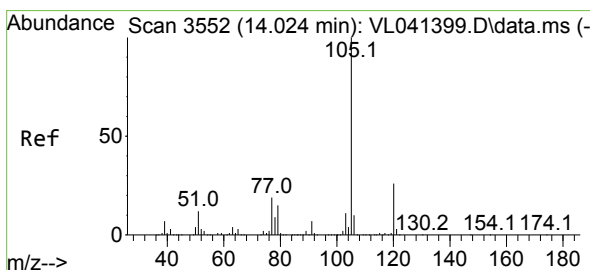
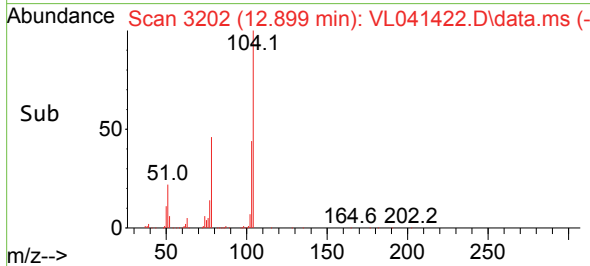
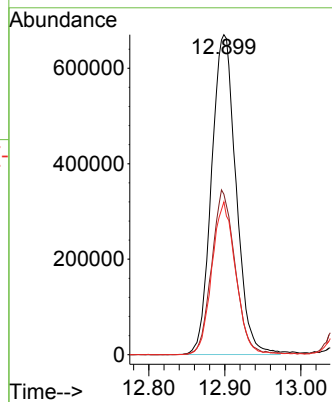
Tgt Ion:104 Resp: 1498174

Ion Ratio Lower Upper

104 100

78 50.1 40.8 61.2

103 46.7 38.2 57.4



#62

Isopropylbenzene

Concen: 8.166 ppbv

RT: 14.031 min Scan# 3554

Delta R.T. 0.003 min

Lab File: VL041422.D

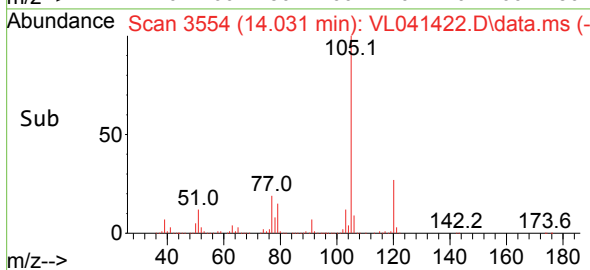
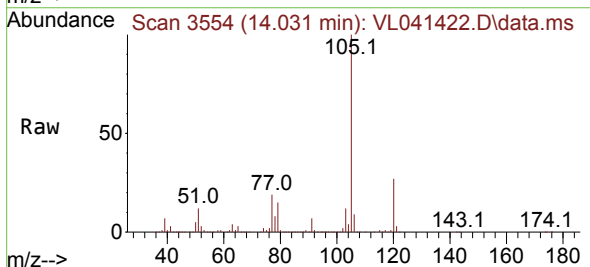
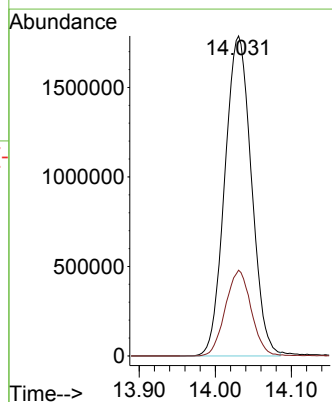
Acq: 29 Jul 2024 10:02

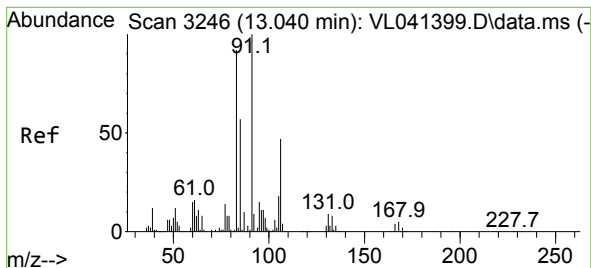
Tgt Ion:105 Resp: 4339075

Ion Ratio Lower Upper

105 100

120 26.2 21.0 31.4

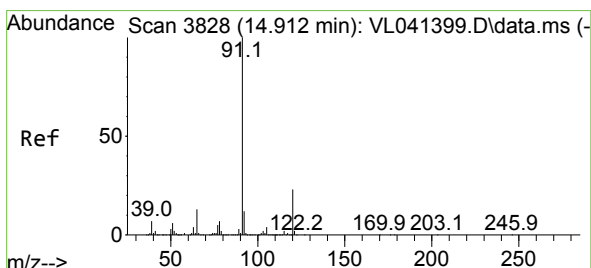
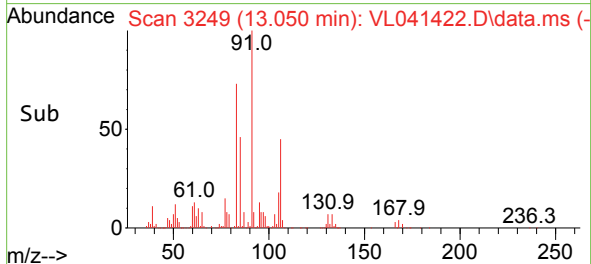
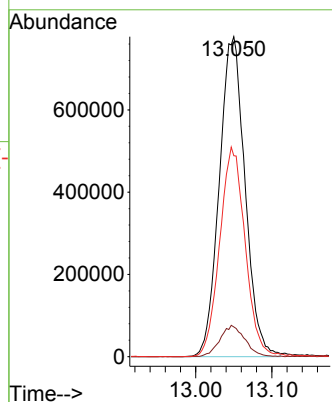
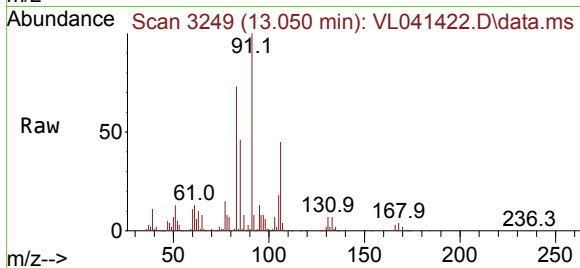




#63
1,1,2,2-Tetrachloroethane
Concen: 8.272 ppbv
RT: 13.050 min Scan# 31
Delta R.T. 0.006 min
Lab File: VL041422.D
Acq: 29 Jul 2024 10:02

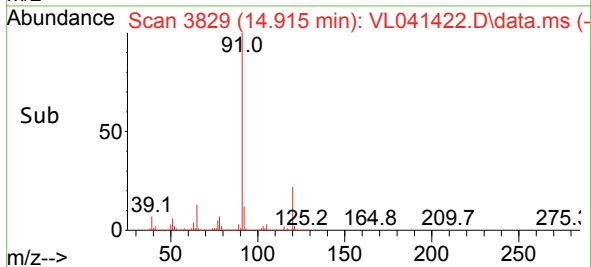
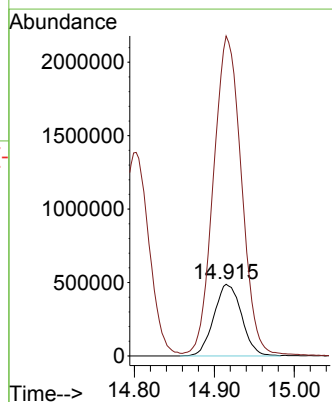
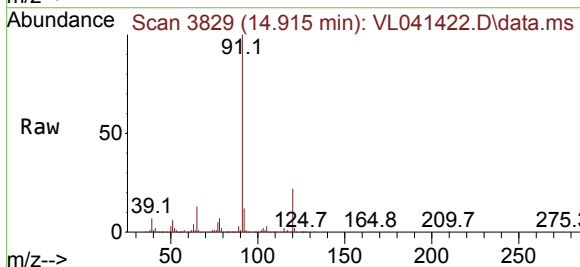
Instrument :
MSVOA_L
ClientSampleId :

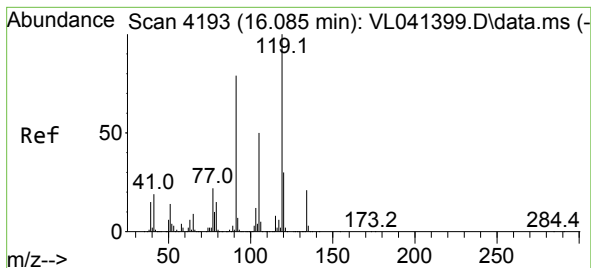
Tgt Ion: 83 Resp: 1825747
Ion Ratio Lower Upper
83 100
131 9.6 4.8 14.4
85 65.5 32.6 98.0



#64
n-propylbenzene
Concen: 8.456 ppbv
RT: 14.915 min Scan# 3829
Delta R.T. -0.000 min
Lab File: VL041422.D
Acq: 29 Jul 2024 10:02

Tgt Ion:120 Resp: 1174771
Ion Ratio Lower Upper
120 100
91 453.5 361.4 542.0

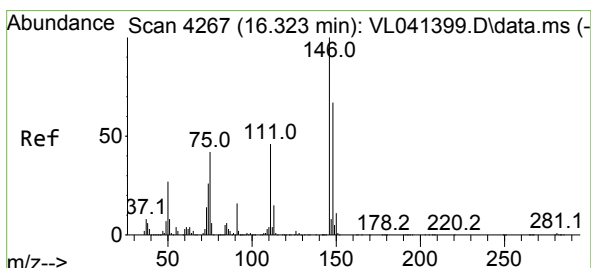
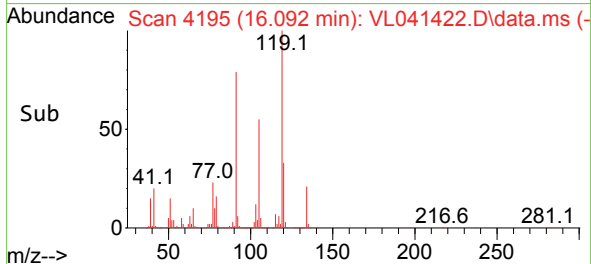
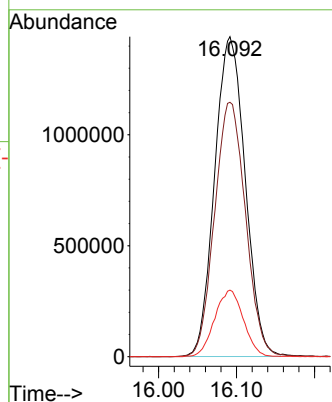
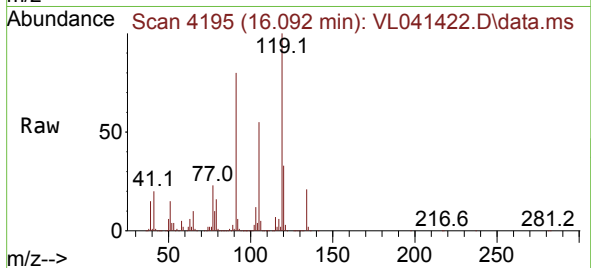




#65
tert-Butylbenzene
Concen: 8.171 ppbv
RT: 16.092 min Scan# 4193
Delta R.T. -0.000 min
Lab File: VL041422.D
Acq: 29 Jul 2024 10:02

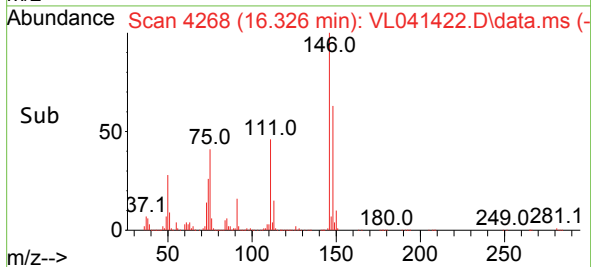
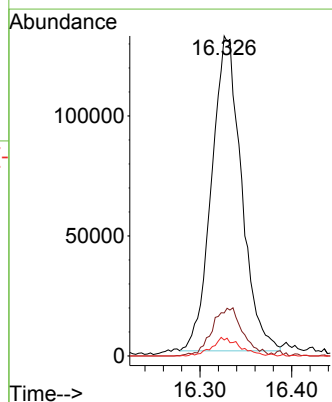
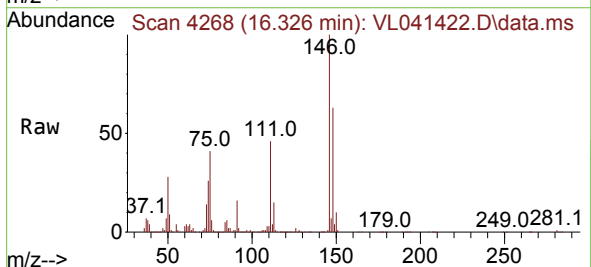
Instrument :
MSVOA_L
ClientSampleId :

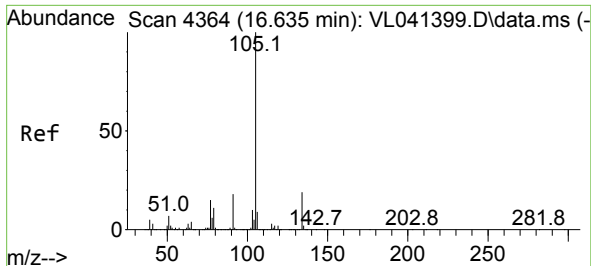
Tgt Ion:119 Resp: 3921897
Ion Ratio Lower Upper
119 100
91 81.0 64.2 96.2
134 19.7 15.7 23.5



#66
Benzyl Chloride
Concen: 9.633 ppbv
RT: 16.326 min Scan# 4268
Delta R.T. -0.000 min
Lab File: VL041422.D
Acq: 29 Jul 2024 10:02

Tgt Ion: 91 Resp: 296531
Ion Ratio Lower Upper
91 100
126 16.4 13.8 20.8
128 5.7 4.4 6.6

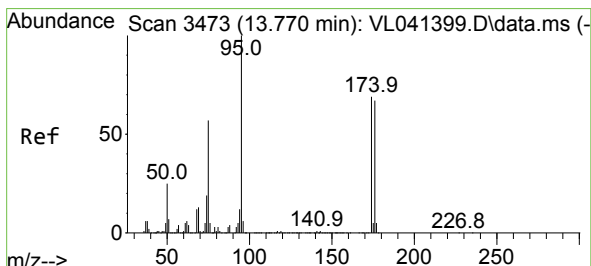
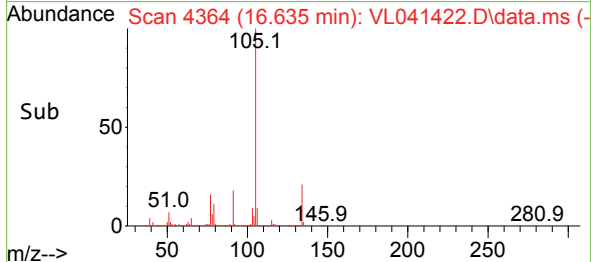
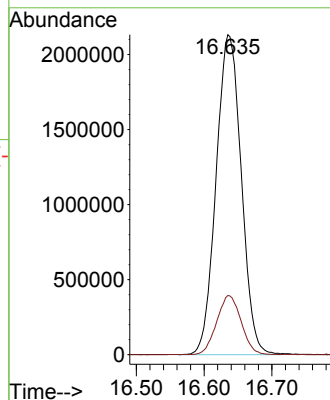
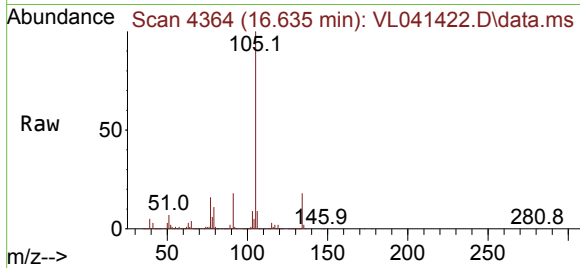




#67
 sec-Butylbenzene
 Concen: 8.312 ppbv
 RT: 16.635 min Scan# 41
 Delta R.T. -0.000 min
 Lab File: VL041422.D
 Acq: 29 Jul 2024 10:02

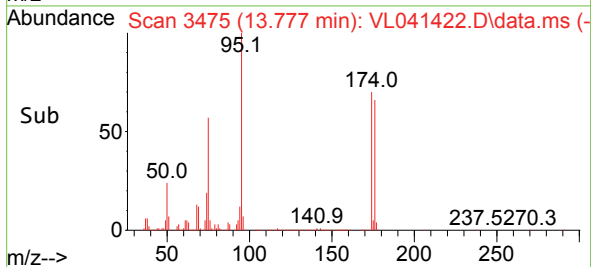
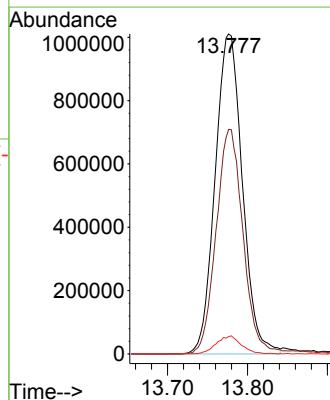
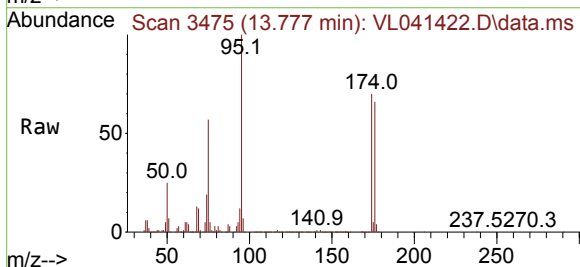
Instrument :
 MSVOA_L
 ClientSampleId :

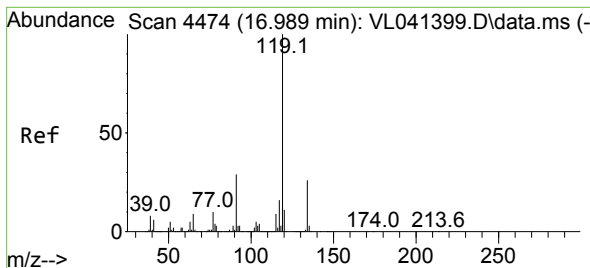
Tgt Ion:105 Resp: 5496659
 Ion Ratio Lower Upper
 105 100
 134 18.1 14.5 21.7



#68
 1-Bromo-4-Fluorobenzene
 Concen: 8.374 ppbv
 RT: 13.777 min Scan# 3475
 Delta R.T. 0.003 min
 Lab File: VL041422.D
 Acq: 29 Jul 2024 10:02

Tgt Ion: 95 Resp: 2393106
 Ion Ratio Lower Upper
 95 100
 174 70.6 56.3 84.5
 175 5.3 4.0 6.0





#69

p-Isopropyltoluene

Concen: 8.382 ppbv

RT: 16.995 min Scan# 4474

Delta R.T. -0.000 min

Lab File: VL041422.D

Acq: 29 Jul 2024 10:02

Instrument :

MSVOA_L

ClientSampleId :

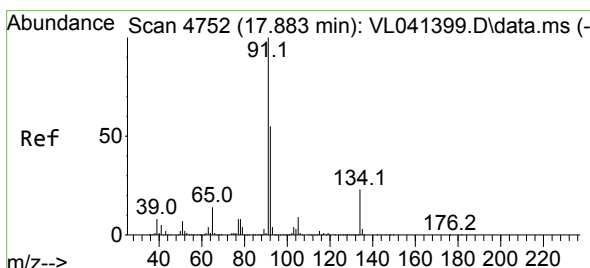
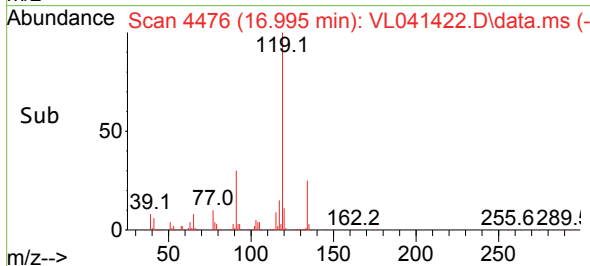
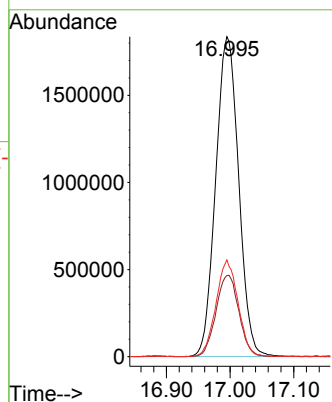
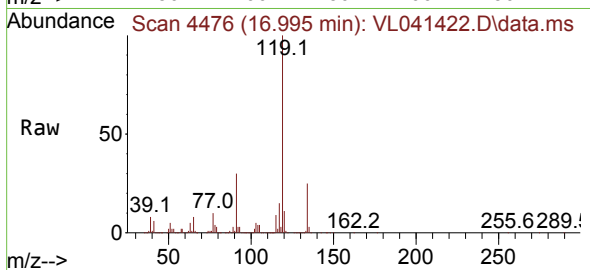
Tgt Ion:119 Resp: 4599379

Ion Ratio Lower Upper

119 100

134 25.5 20.5 30.7

91 29.1 23.2 34.8



#70

n-Butylbenzene

Concen: 8.462 ppbv

RT: 17.886 min Scan# 4753

Delta R.T. 0.003 min

Lab File: VL041422.D

Acq: 29 Jul 2024 10:02

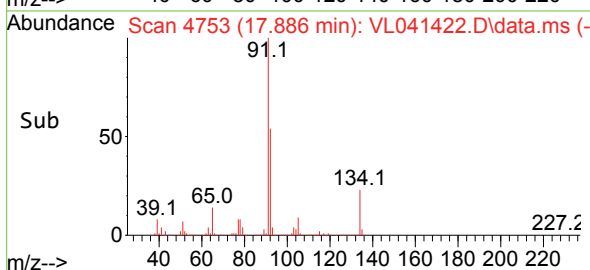
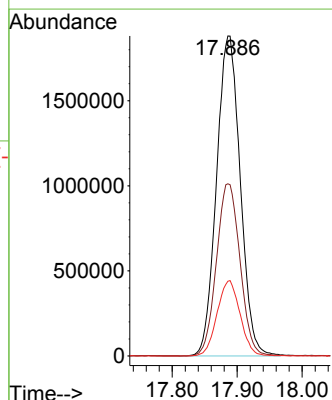
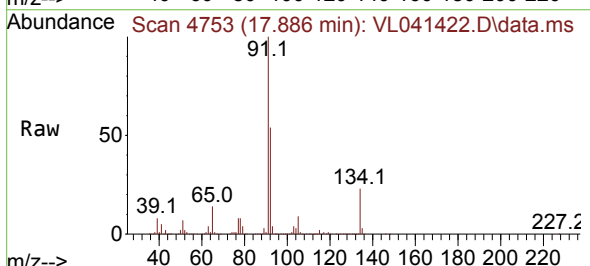
Tgt Ion: 91 Resp: 4760345

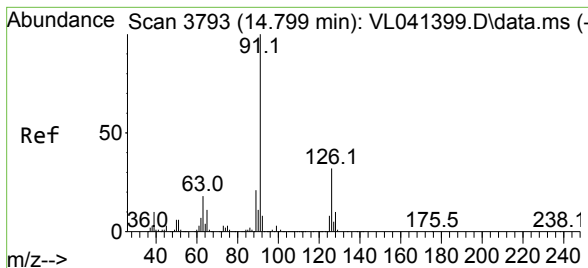
Ion Ratio Lower Upper

91 100

92 53.6 43.2 64.8

134 23.0 18.5 27.7





#71

2-Chlorotoluene

Concen: 8.368 ppbv

RT: 14.802 min Scan# 31

Delta R.T. 0.003 min

Lab File: VL041422.D

Acq: 29 Jul 2024 10:02

Instrument :

MSVOA_L

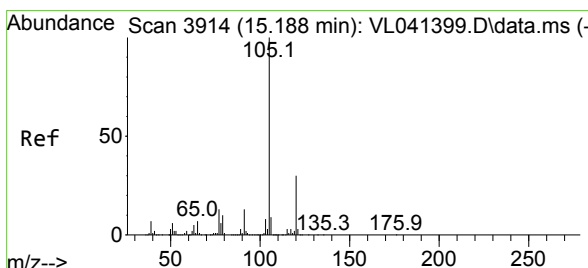
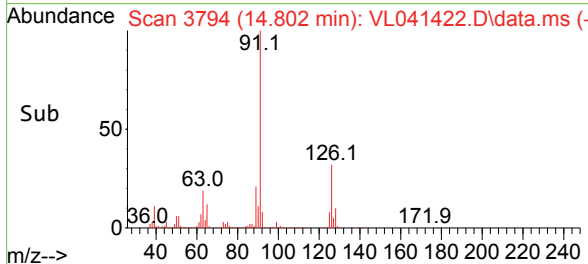
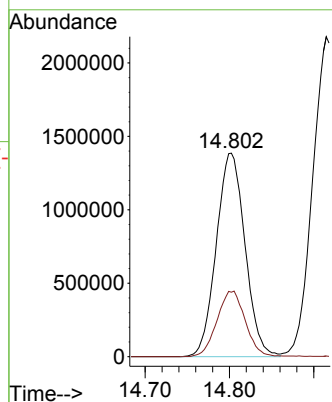
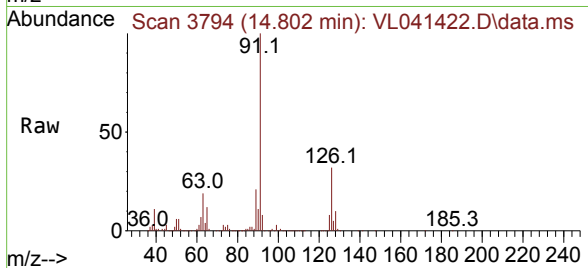
ClientSampleId :

Tgt Ion: 91 Resp: 3279280

Ion Ratio Lower Upper

91 100

126 32.1 12.7 50.9



#72

4-Ethyltoluene

Concen: 8.763 ppbv

RT: 15.195 min Scan# 3916

Delta R.T. 0.003 min

Lab File: VL041422.D

Acq: 29 Jul 2024 10:02

Tgt Ion:105 Resp: 3606059

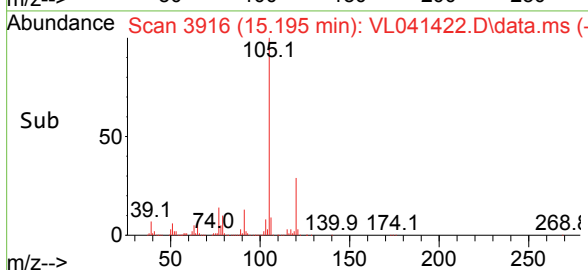
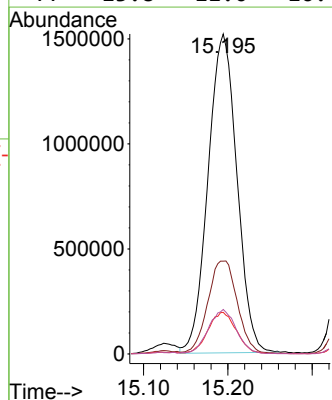
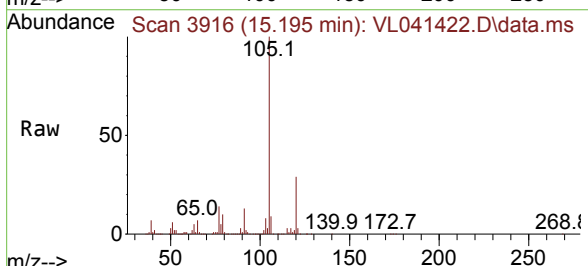
Ion Ratio Lower Upper

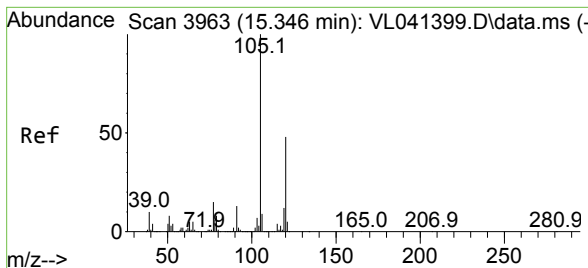
105 100

120 30.3 24.2 36.2

91 13.0 10.4 15.6

77 13.8 11.0 16.4





#73

1,3,5-Trimethylbenzene

Concen: 8.727 ppbv

RT: 15.352 min Scan# 3963

Delta R.T. 0.003 min

Lab File: VL041422.D

Acq: 29 Jul 2024 10:02

Instrument :

MSVOA_L

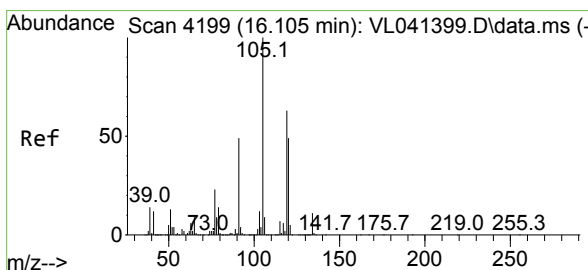
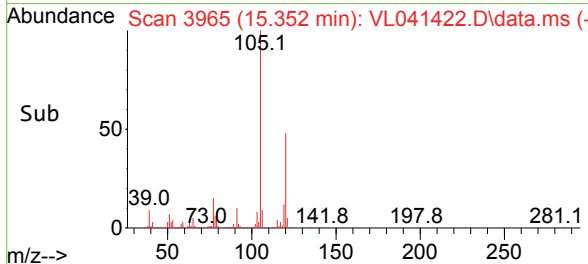
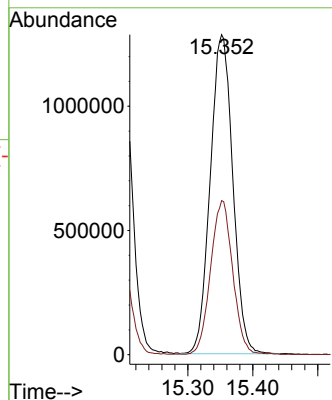
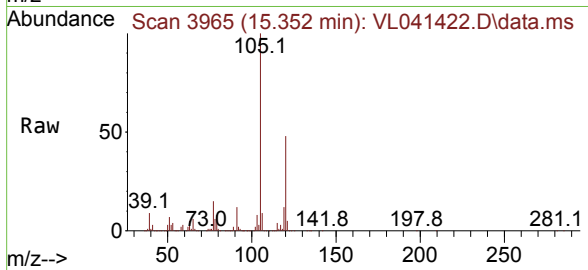
ClientSampleId :

Tgt Ion:105 Resp: 3093976

Ion Ratio Lower Upper

105 100

120 48.2 38.6 57.8



#74

1,2,4-Trimethylbenzene

Concen: 8.320 ppbv

RT: 16.111 min Scan# 4201

Delta R.T. 0.003 min

Lab File: VL041422.D

Acq: 29 Jul 2024 10:02

Tgt Ion:105 Resp: 3429295

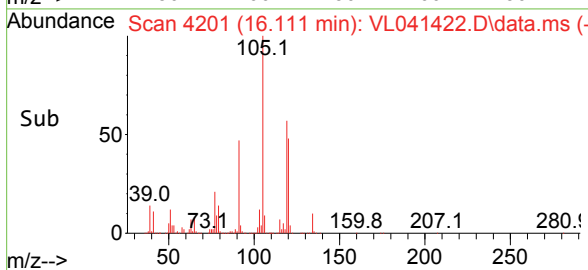
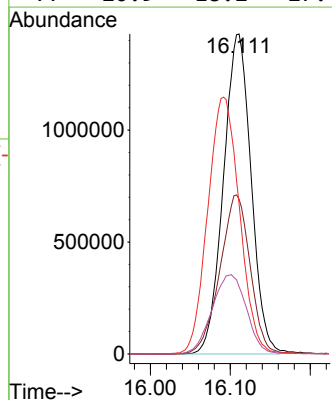
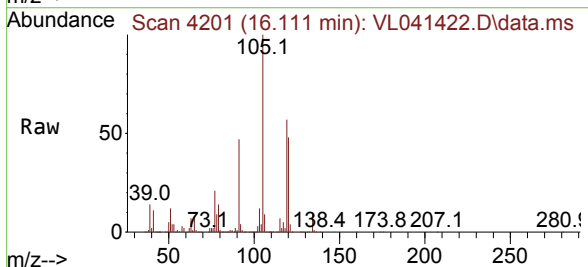
Ion Ratio Lower Upper

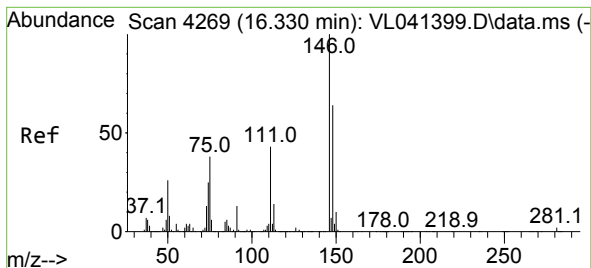
105 100

120 48.3 39.5 59.3

91 46.5 39.8 59.8

77 20.9 18.2 27.4





#75

1,3-Dichlorobenzene

Concen: 8.236 ppbv

RT: 16.333 min Scan# 4314

Delta R.T. 0.003 min

Lab File: VL041422.D

Acq: 29 Jul 2024 10:02

Instrument :

MSVOA_L

ClientSampleId :

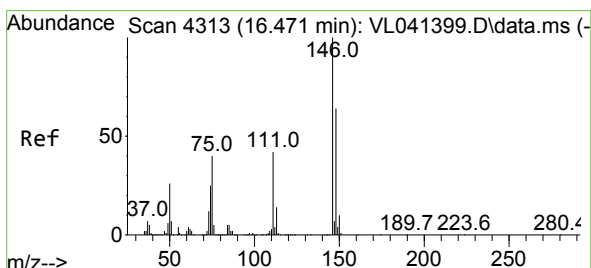
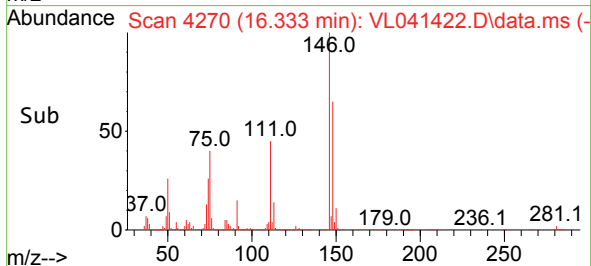
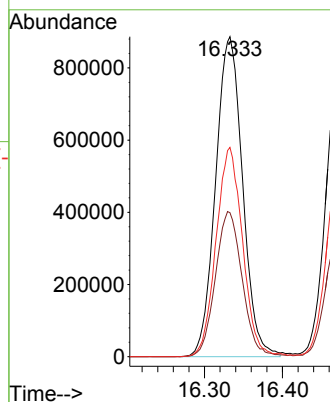
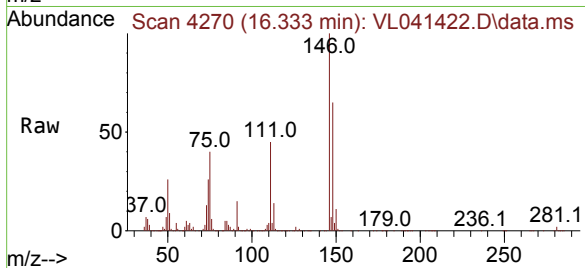
Tgt Ion:146 Resp: 2133735

Ion Ratio Lower Upper

146 100

111 45.0 22.6 67.8

148 64.4 32.3 96.8



#76

1,4-Dichlorobenzene

Concen: 8.268 ppbv

RT: 16.474 min Scan# 4314

Delta R.T. -0.000 min

Lab File: VL041422.D

Acq: 29 Jul 2024 10:02

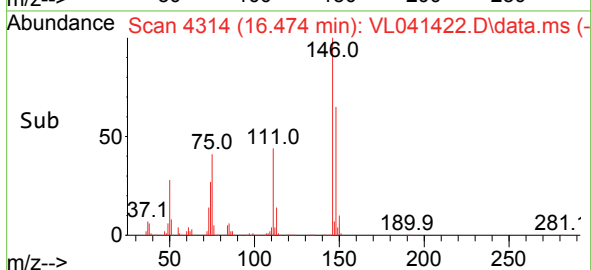
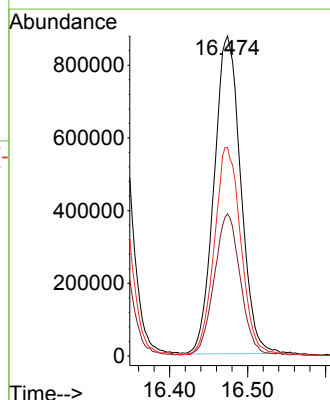
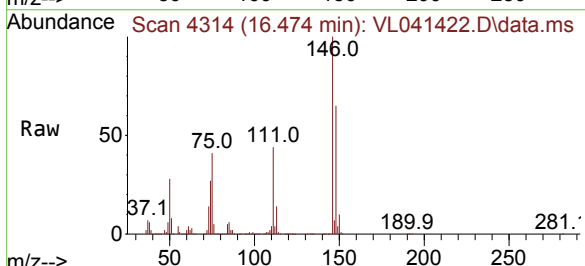
Tgt Ion:146 Resp: 2074323

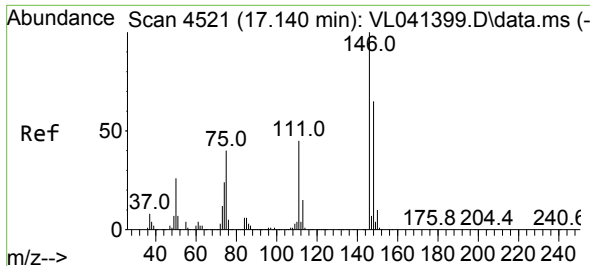
Ion Ratio Lower Upper

146 100

111 44.6 22.4 67.0

148 66.2 33.1 99.5

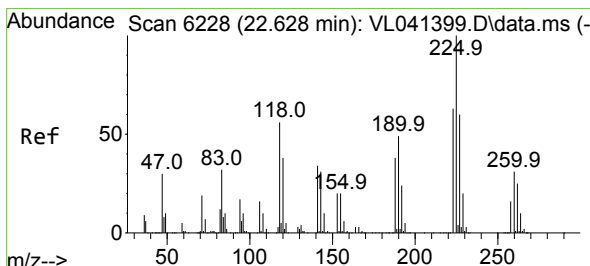
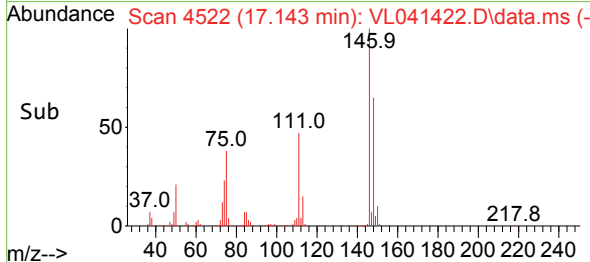
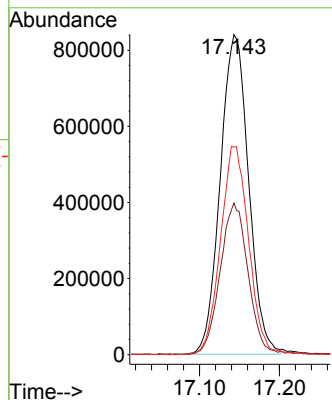
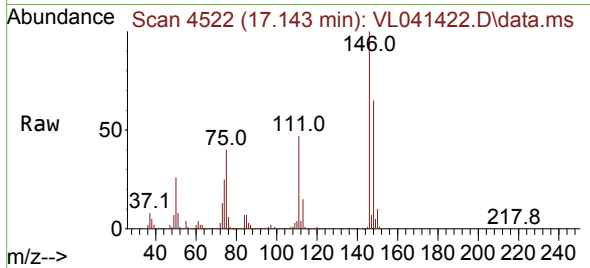




#77
1,2-Dichlorobenzene
Concen: 8.037 ppbv
RT: 17.143 min Scan# 41
Delta R.T. -0.000 min
Lab File: VL041422.D
Acq: 29 Jul 2024 10:02

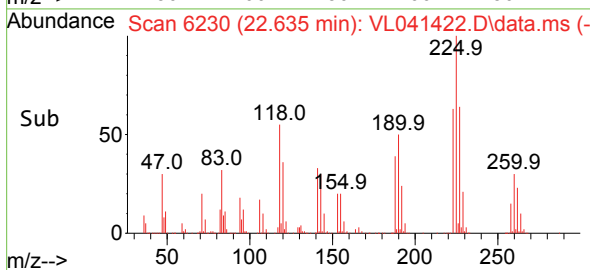
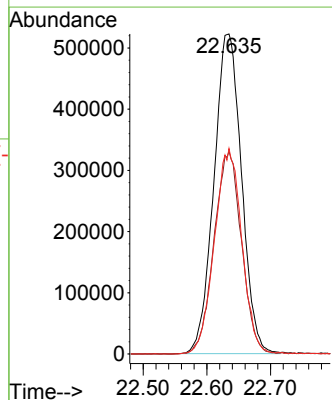
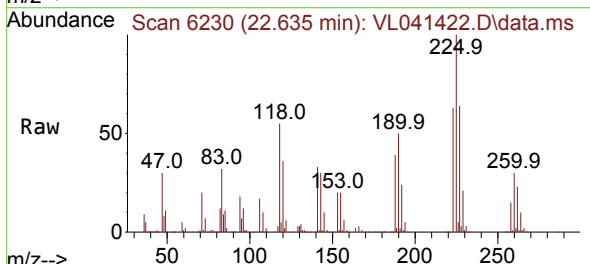
Instrument :
MSVOA_L
ClientSampleId :

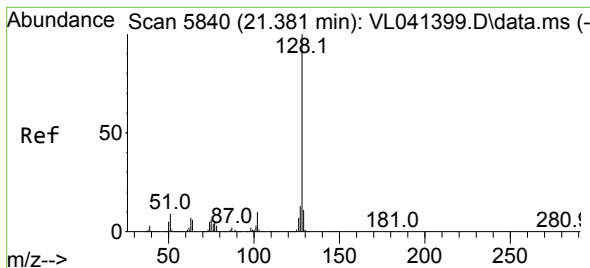
Tgt Ion:146 Resp: 2064212
Ion Ratio Lower Upper
146 100
111 47.1 23.4 70.0
148 65.0 32.2 96.6



#78
Hexachloro-1,3-Butadiene
Concen: 7.196 ppbv
RT: 22.635 min Scan# 6230
Delta R.T. 0.003 min
Lab File: VL041422.D
Acq: 29 Jul 2024 10:02

Tgt Ion:225 Resp: 1576104
Ion Ratio Lower Upper
225 100
223 63.4 50.6 76.0
227 63.8 50.8 76.2





#79

Naphthalene

Concen: 9.700 ppbv

RT: 21.381 min Scan# 5840

Delta R.T. -0.000 min

Lab File: VL041422.D

Acq: 29 Jul 2024 10:02

Instrument :

MSVOA_L

ClientSampleId :

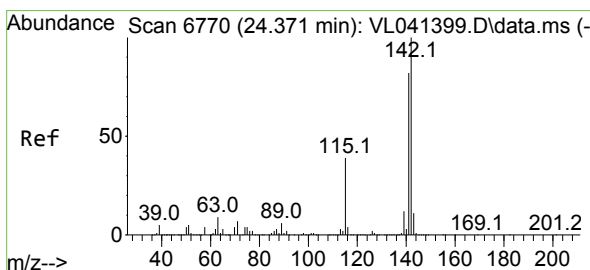
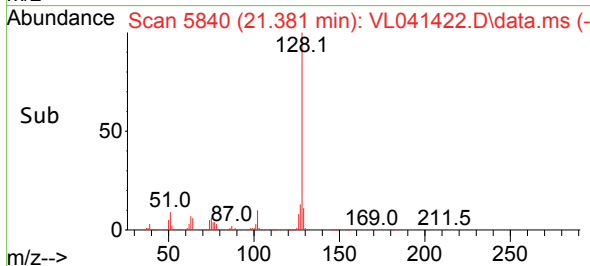
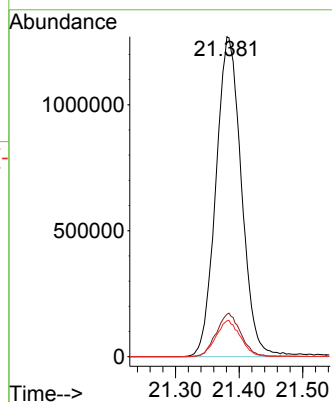
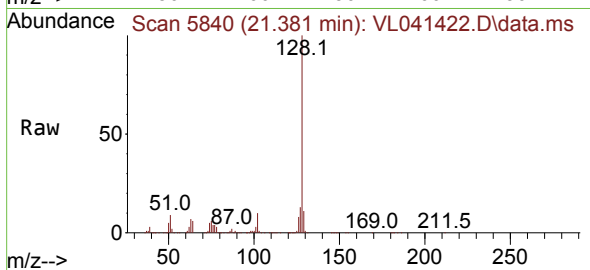
Tgt Ion:128 Resp: 3528688

Ion Ratio Lower Upper

128 100

127 13.3 10.3 15.5

129 11.2 9.0 13.4



#80

Naphthalene,2-methyl-

Concen: 10.068 ppbv

RT: 24.371 min Scan# 6770

Delta R.T. -0.000 min

Lab File: VL041422.D

Acq: 29 Jul 2024 10:02

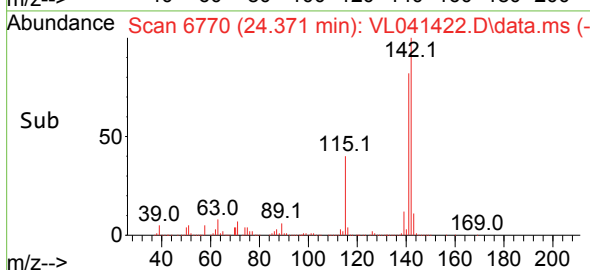
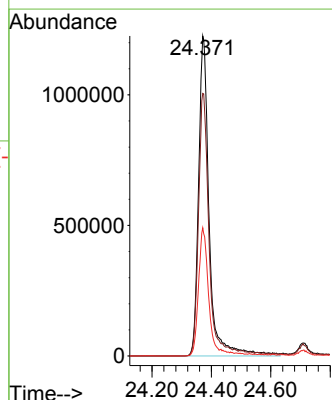
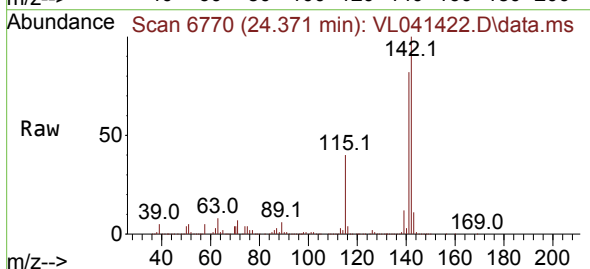
Tgt Ion:142 Resp: 3070060

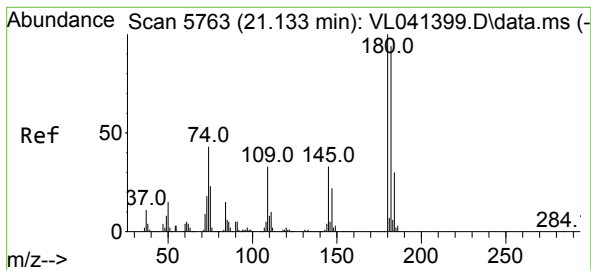
Ion Ratio Lower Upper

142 100

141 81.7 67.0 100.4

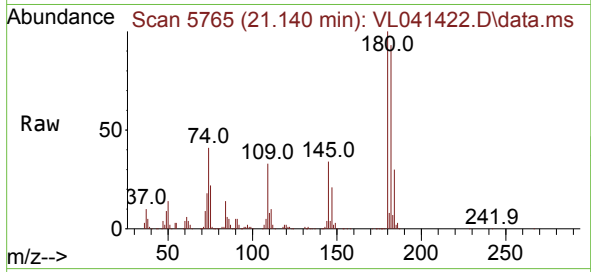
115 39.5 32.2 48.2





#81
 1,2,4-Trichlorobenzene
 Concen: 8.422 ppbv
 RT: 21.140 min Scan# 51
 Delta R.T. 0.003 min
 Lab File: VL041422.D
 Acq: 29 Jul 2024 10:02

Instrument :
 MSVOA_L
 ClientSampleId :



Tgt Ion:180 Resp: 1823295

Ion	Ratio	Lower	Upper
180	100		
182	96.6	76.7	115.1
184	31.0	24.5	36.7

