

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL070124\
 Data File : VL041370.D
 Acq On : 1 Jul 2024 16:27
 Operator : SY/MD
 Sample : VL0701ABS01
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :

Quant Time: Jul 01 23:31:47 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL062624AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Mon Jul 01 23:27:24 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.214	49	1066982	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.668	114	2832028	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.465	117	3276033	10.000	ppbv	# 0.00

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.774	95	1983839	8.079	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	80.800%

Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.771	85	1536003	8.437	ppbv	98
3) Chlorodifluoromethane	2.719	51	1601933	8.707	ppbv	100
4) Chloromethane	2.854	50	625862	8.901	ppbv	99
5) Vinyl Chloride	2.960	62	657170	8.650	ppbv	97
6) Bromomethane	3.160	94	216548	9.010	ppbv	98
7) Chloroethane	3.234	64	226137	9.009	ppbv	99
8) Dichlorotetrafluoroethane	2.899	85	1577198	8.912	ppbv	99
9) Propene	2.735	41	540456	8.489	ppbv	99
10) Heptane	7.590	43	1376984	9.209	ppbv	98
11) Trichlorofluoromethane	3.594	101	1594085	8.995	ppbv	96
12) 1,1,2-Trichlorotrifluo...	4.095	101	1096668	8.830	ppbv	100
13) Ethanol	3.282	45	132822	9.405	ppbv	92
14) Bromoethene	3.401	108	456620	9.164	ppbv	95
15) Acetone	3.504	43	1192394	8.462	ppbv	98
16) 1,3-Butadiene	3.025	39	643679	9.597	ppbv	99
17) tert-Butyl alcohol	3.912	59	1110903	10.219	ppbv	98
18) 1,1-Dichloroethene	3.909	96	480482	8.800	ppbv	97
19) Isopropyl Alcohol	3.613	45	806802	10.429	ppbv	99
20) Methylene Chloride	3.964	84	421897	8.251	ppbv	96
21) Allyl Chloride	4.025	41	786287	9.250	ppbv	98
22) trans-1,2-Dichloroethene	4.472	96	505825	9.327	ppbv	95
23) Vinyl Acetate	4.652	43	1401625	10.090	ppbv	99
24) 1,1-Dichloroethane	4.591	63	1078714	8.957	ppbv	99
25) Ethyl Acetate	5.227	43	2322320	8.950	ppbv	100
26) Hexane	5.234	57	998562	8.691	ppbv	96
27) Carbon Disulfide	4.153	76	1285940	9.199	ppbv	99
28) Methyl tert-Butyl Ether	4.610	73	778942	9.140	ppbv	98
29) Chloroform	5.295	83	1589168	8.965	ppbv	95
30) Cyclohexane	6.616	84	863400	9.433	ppbv	98
31) cis-1,2-Dichloroethene	5.102	61	1013330	9.199	ppbv	99
32) 1,1,1-Trichloroethane	6.018	97	1566394	8.418	ppbv	99
34) 2-Butanone	4.812	43	1388018	9.288	ppbv	99
35) Carbon Tetrachloride	6.510	117	1632888	8.731	ppbv	99
36) Benzene	6.385	78	2140635	9.133	ppbv	100
37) 1,2-Dichloroethane	5.825	62	1229018	9.139	ppbv	100
38) Trichloroethene	7.304	130	831006	8.139	ppbv	96
39) 1,2-Dichloropropane	7.086	63	817856	9.030	ppbv	99
40) 1,4-Dioxane	7.301	88	320708	11.044	ppbv #	13
41) Tetrahydrofuran	5.574	42	874288	9.445	ppbv	99
42) Bromodichloromethane	7.263	83	1765958	9.385	ppbv	99
43) Methyl Methacrylate	7.484	69	859276	9.758	ppbv	99
44) 2,2,4-Trimethylpentane	7.340	57	3565487	8.951	ppbv	99
45) t-1,3-Dichloropropene	8.719	75	575678	10.330	ppbv	98

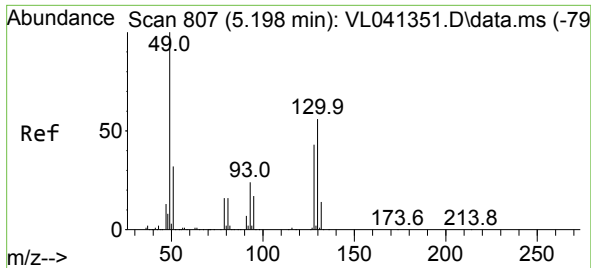
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL070124\
 Data File : VL041370.D
 Acq On : 1 Jul 2024 16:27
 Operator : SY/MD
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 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Mon Jul 01 23:27:24 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.150	75	728766	9.725	ppbv	99
47) 1,1,2-Trichloroethane	8.906	97	877655	9.034	ppbv	96
48) Dibromochloromethane	9.713	129	1466485	9.400	ppbv	100
49) Bromoform	12.407	173	1211922	9.754	ppbv	99
50) 4-Methyl-2-Pentanone	8.192	43	2227219	9.280	ppbv	100
51) 2-Hexanone	9.555	43	1586987	9.303	ppbv #	98
52) Tetrachloroethene	10.616	164	767511	8.155	ppbv	96
53) Toluene	9.227	91	2463725	9.320	ppbv	99
54) 1,2-Dibromoethane	10.015	107	1174426	9.769	ppbv	100
56) 1,1,1,2-Tetrachloroethane	11.507	131	1079999	7.326	ppbv	99
57) Chlorobenzene	11.529	112	1851718	7.205	ppbv	99
58) Ethyl Benzene	12.089	91	3306992	7.545	ppbv	99
59) m/p-Xylene	12.375	91	3548116	9.354	ppbv #	57
60) o-Xylene	13.057	91	2635869	7.363	ppbv	100
61) Styrene	12.899	104	1406692	8.091	ppbv	99
62) Isopropylbenzene	14.028	105	4020435	7.274	ppbv	100
63) 1,1,2,2-Tetrachloroethane	13.047	83	1898626	6.732	ppbv	100
64) n-propylbenzene	14.912	120	1074511	7.448	ppbv	99
65) tert-Butylbenzene	16.085	119	3593804	7.303	ppbv	99
66) Benzyl Chloride	16.326	91	236619	7.317	ppbv	97
67) sec-Butylbenzene	16.632	105	5093350	7.318	ppbv	100
69) p-Isopropyltoluene	16.989	119	4219231	7.340	ppbv	100
70) n-Butylbenzene	17.886	91	4391811	7.474	ppbv	100
71) 2-Chlorotoluene	14.796	91	3049605	7.428	ppbv	100
72) 4-Ethyltoluene	15.188	105	3202321	7.510	ppbv	100
73) 1,3,5-Trimethylbenzene	15.346	105	2799875	7.671	ppbv	99
74) 1,2,4-Trimethylbenzene	16.105	105	3082734	7.496	ppbv	95
75) 1,3-Dichlorobenzene	16.326	146	1834362	7.519	ppbv	99
76) 1,4-Dichlorobenzene	16.468	146	1775080	7.303	ppbv	99
77) 1,2-Dichlorobenzene	17.140	146	1797414	7.226	ppbv	100
78) Hexachloro-1,3-Butadiene	22.635	225	750775	4.150	ppbv	99
79) Naphthalene	21.387	128	1021034	4.616	ppbv	98
80) Naphthalene,2-methyl-	24.358	142	435	0.747	ppbv #	1
81) 1,2,4-Trichlorobenzene	21.146	180	661804	4.841	ppbv	99

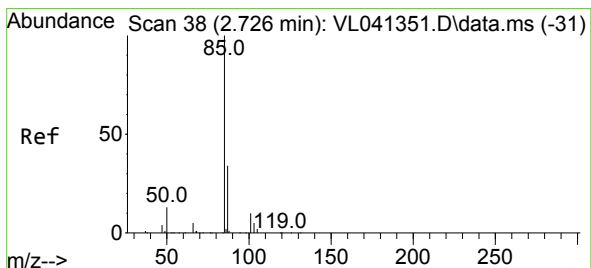
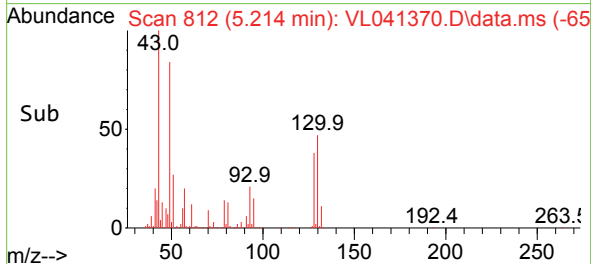
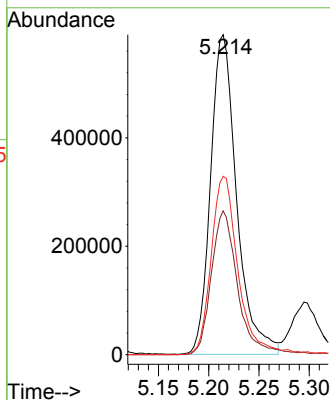
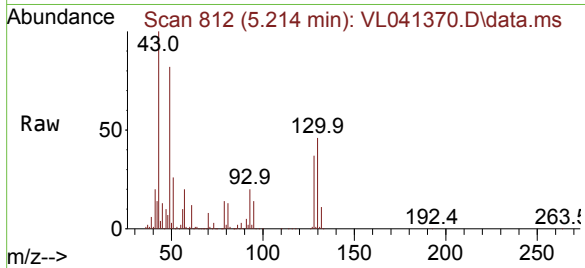
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
 Bromochloromethane
 Concen: 10.000 ppbv
 RT: 5.214 min Scan# 81
 Delta R.T. -0.004 min
 Lab File: VL041370.D
 Acq: 1 Jul 2024 16:27

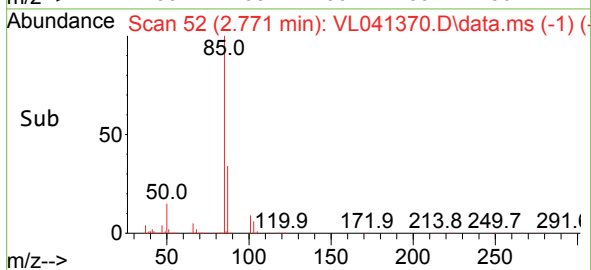
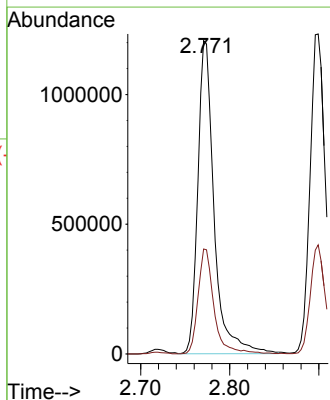
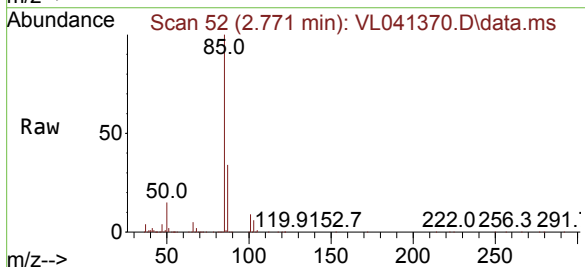
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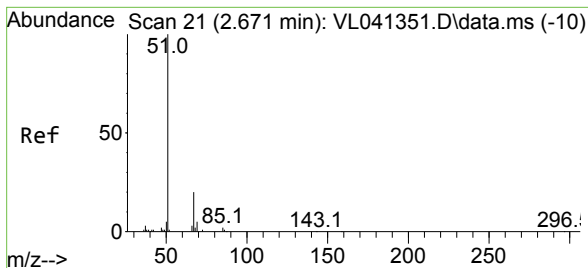
Tgt Ion: 49 Resp: 1066982
 Ion Ratio Lower Upper
 49 100
 128 45.9 22.8 68.3
 130 58.6 28.9 86.7



#2
 Dichlorodifluoromethane
 Concen: 8.437 ppbv
 RT: 2.771 min Scan# 52
 Delta R.T. 0.000 min
 Lab File: VL041370.D
 Acq: 1 Jul 2024 16:27

Tgt Ion: 85 Resp: 1536003
 Ion Ratio Lower Upper
 85 100
 87 33.5 25.9 38.9

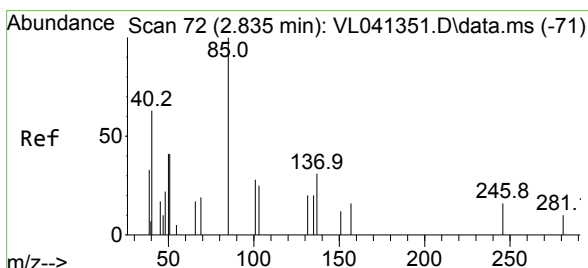
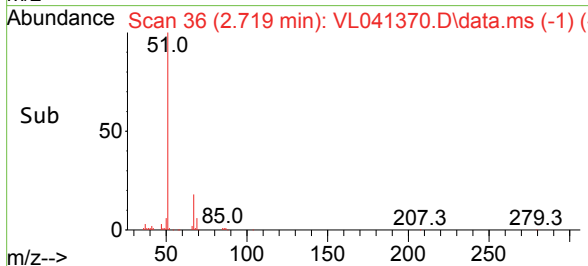
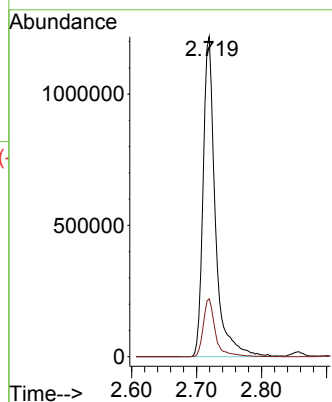
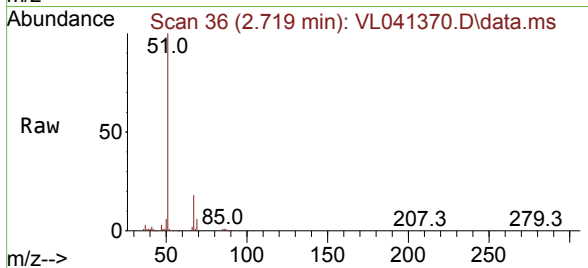




#3
Chlorodifluoromethane
Concen: 8.707 ppbv
RT: 2.719 min Scan# 30
Delta R.T. 0.003 min
Lab File: VL041370.D
Acq: 1 Jul 2024 16:27

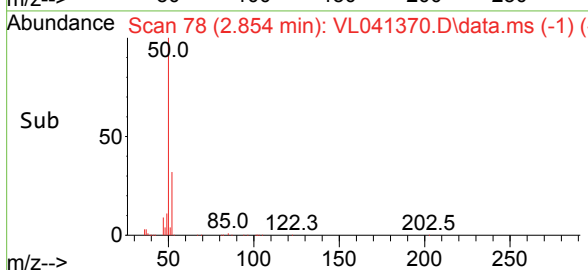
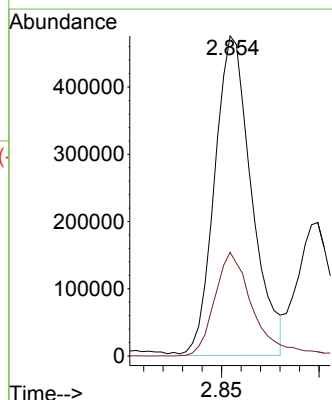
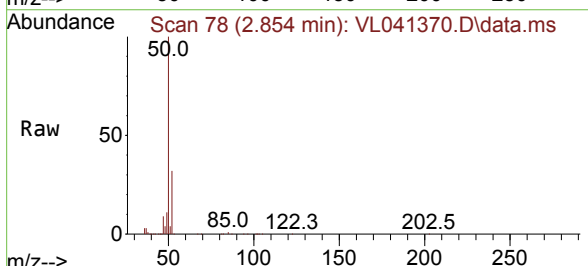
Instrument :
MSVOA_L
ClientSampleId :

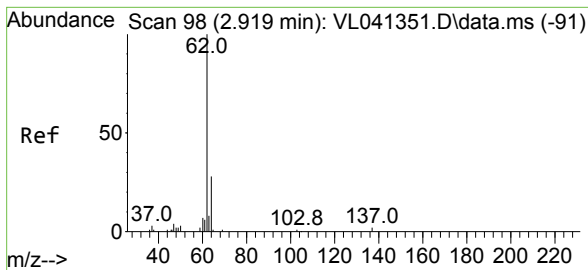
Tgt Ion: 51 Resp: 1601933
Ion Ratio Lower Upper
51 100
67 17.9 14.3 21.5



#4
Chloromethane
Concen: 8.901 ppbv
RT: 2.854 min Scan# 78
Delta R.T. 0.000 min
Lab File: VL041370.D
Acq: 1 Jul 2024 16:27

Tgt Ion: 50 Resp: 625862
Ion Ratio Lower Upper
50 100
52 32.5 25.6 38.4

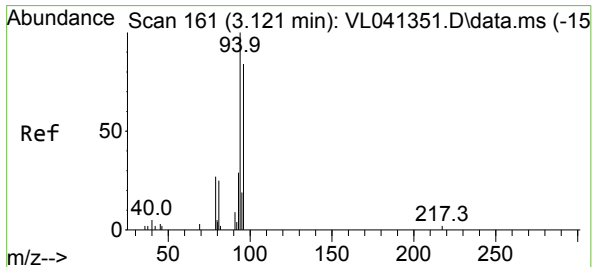
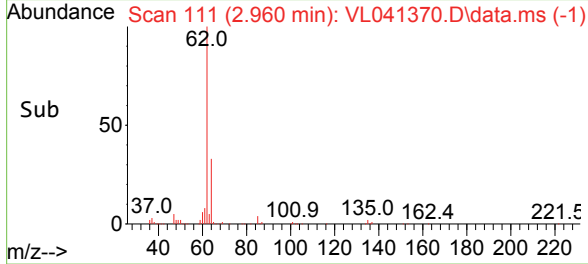
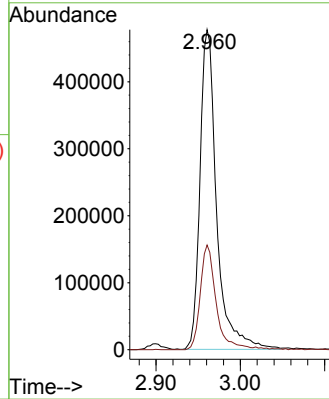
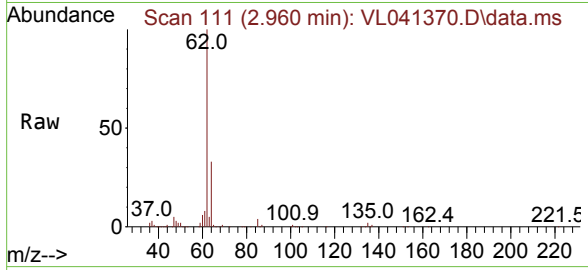




#5
 Vinyl Chloride
 Concen: 8.650 ppbv
 RT: 2.960 min Scan# 111
 Delta R.T. 0.000 min
 Lab File: VL041370.D
 Acq: 1 Jul 2024 16:27

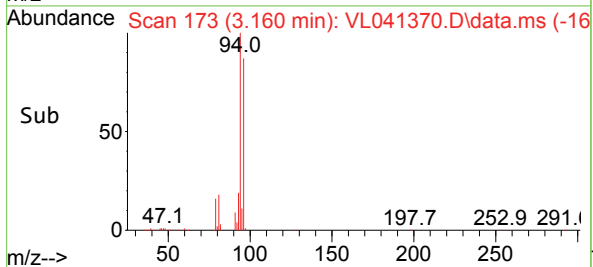
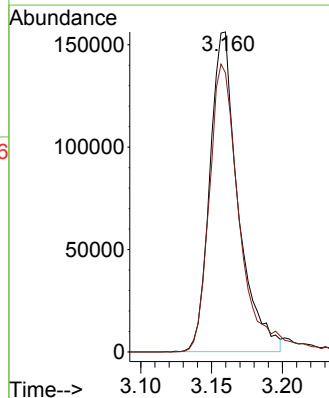
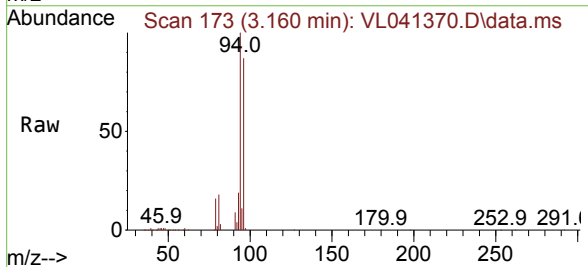
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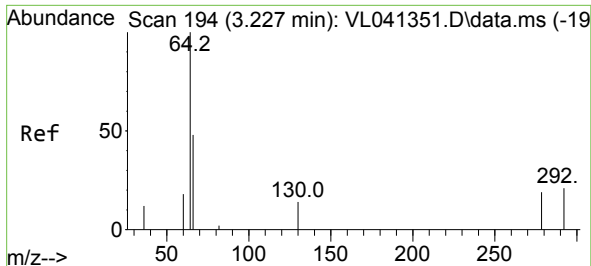
Tgt Ion: 62 Resp: 657170
 Ion Ratio Lower Upper
 62 100
 64 32.8 25.0 37.6



#6
 Bromomethane
 Concen: 9.010 ppbv
 RT: 3.160 min Scan# 173
 Delta R.T. 0.003 min
 Lab File: VL041370.D
 Acq: 1 Jul 2024 16:27

Tgt Ion: 94 Resp: 216548
 Ion Ratio Lower Upper
 94 100
 96 87.2 71.0 106.4

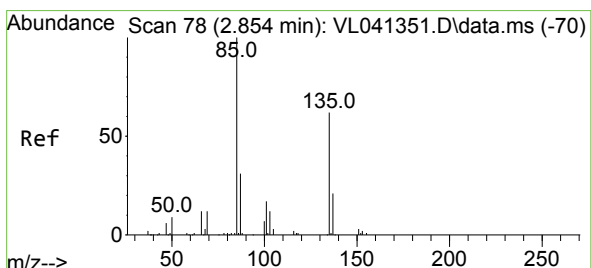
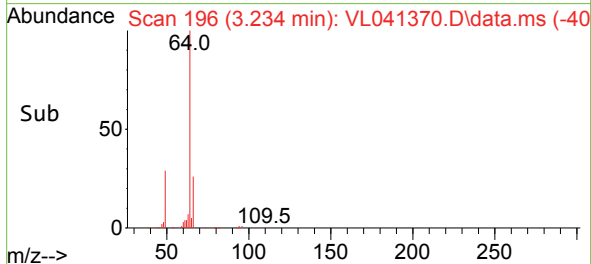
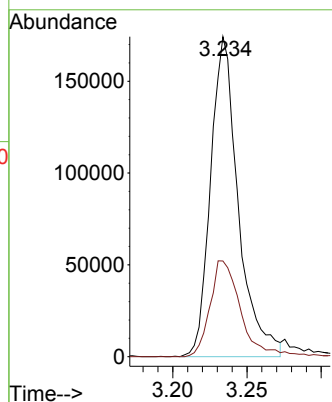
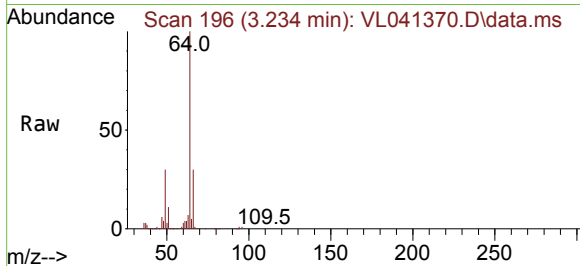




#7
Chloroethane
Concen: 9.009 ppbv
RT: 3.234 min Scan# 194
Delta R.T. 0.000 min
Lab File: VL041370.D
Acq: 1 Jul 2024 16:27

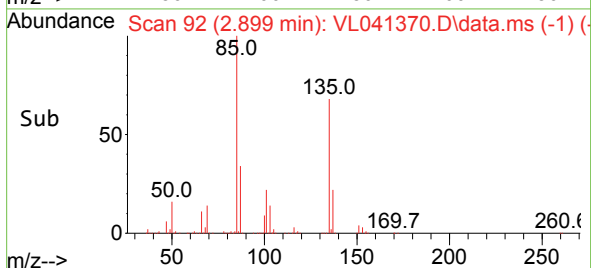
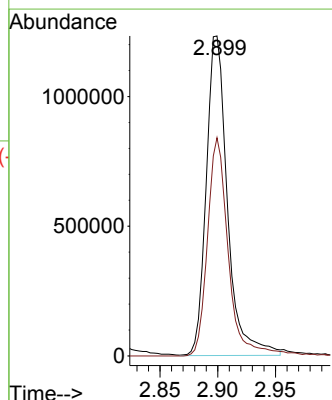
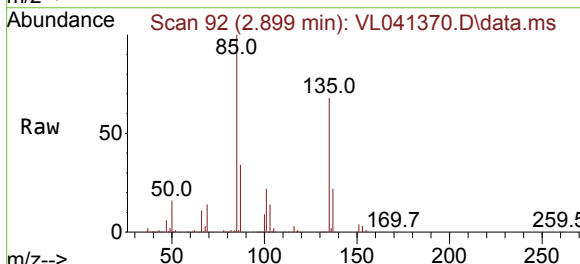
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MSVOA_L
ClientSampleId :

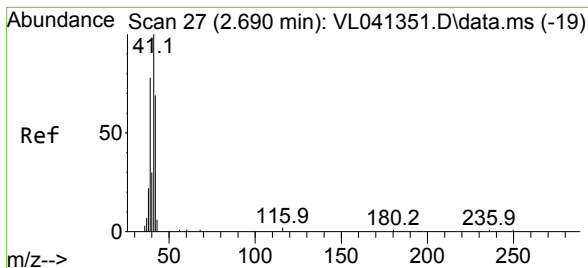
Tgt Ion: 64 Resp: 226137
Ion Ratio Lower Upper
64 100
66 29.9 24.6 36.8



#8
Dichlorotetrafluoroethane
Concen: 8.912 ppbv
RT: 2.899 min Scan# 92
Delta R.T. 0.000 min
Lab File: VL041370.D
Acq: 1 Jul 2024 16:27

Tgt Ion: 85 Resp: 1577198
Ion Ratio Lower Upper
85 100
135 67.8 53.7 80.5





#9

Propene

Concen: 8.489 ppbv

RT: 2.735 min Scan# 41

Delta R.T. 0.000 min

Lab File: VL041370.D

Acq: 1 Jul 2024 16:27

Instrument :

MSVOA_L

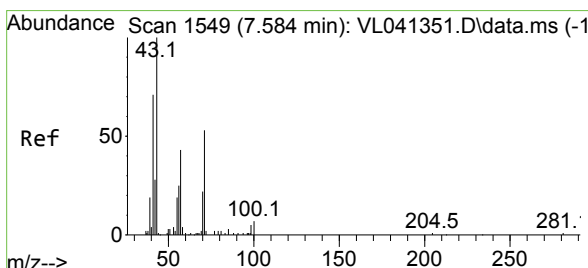
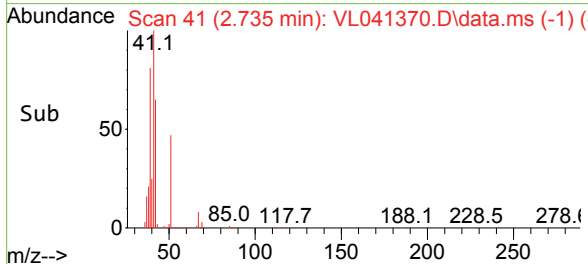
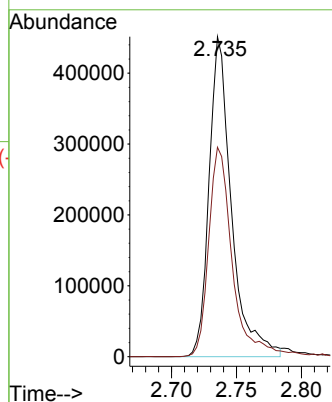
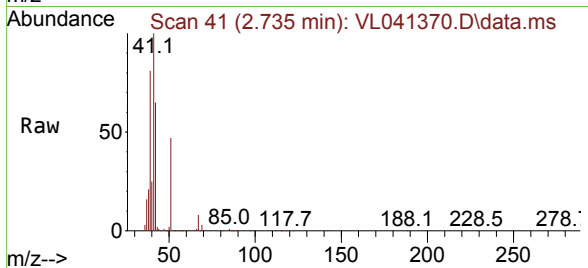
ClientSampleId :

Tgt Ion: 41 Resp: 540456

Ion Ratio Lower Upper

41 100

42 70.6 55.8 83.8



#10

Heptane

Concen: 9.209 ppbv

RT: 7.590 min Scan# 1551

Delta R.T. -0.003 min

Lab File: VL041370.D

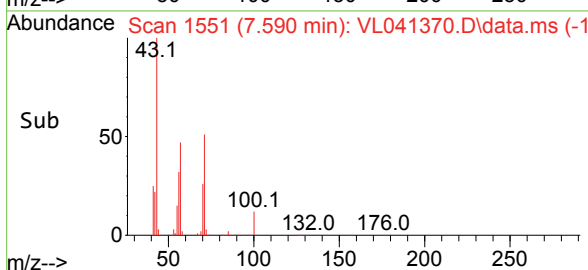
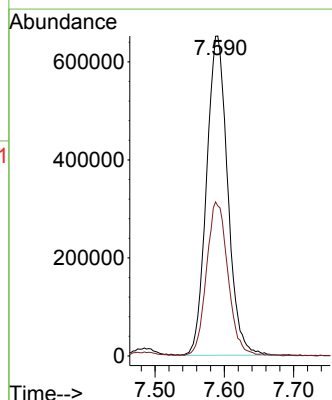
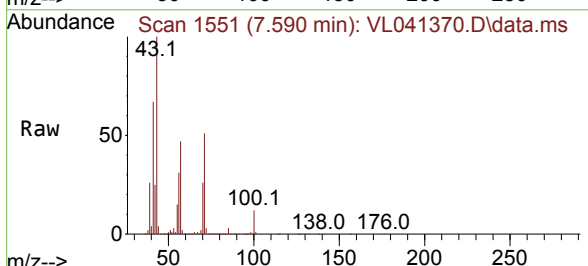
Acq: 1 Jul 2024 16:27

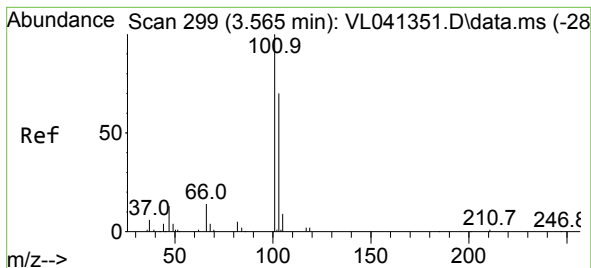
Tgt Ion: 43 Resp: 1376984

Ion Ratio Lower Upper

43 100

57 49.1 40.3 60.5





#11

Trichlorofluoromethane

Concen: 8.995 ppbv

RT: 3.594 min Scan# 308

Delta R.T. -0.003 min

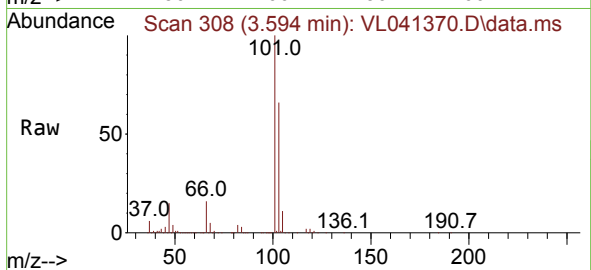
Lab File: VL041370.D

Acq: 1 Jul 2024 16:27

Instrument :

MSVOA_L

ClientSampleId :

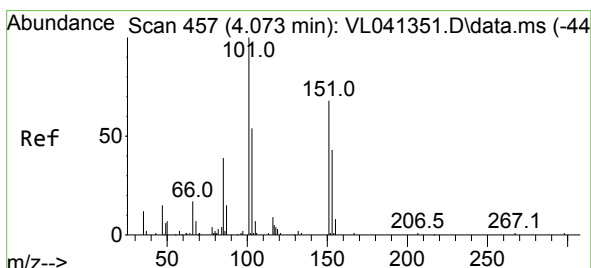
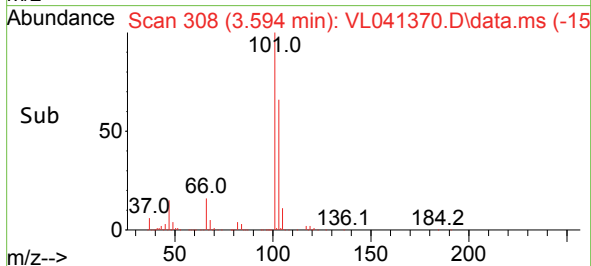
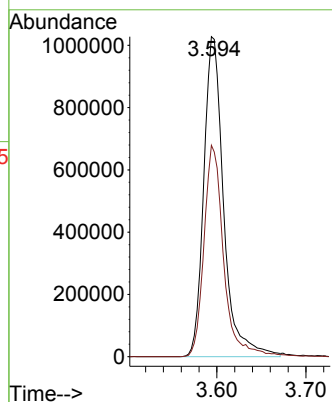


Tgt Ion:101 Resp: 1594085

Ion Ratio Lower Upper

101 100

103 66.0 50.5 75.7



#12

1,1,2-Trichlorotrifluoroethane

Concen: 8.830 ppbv

RT: 4.095 min Scan# 464

Delta R.T. 0.000 min

Lab File: VL041370.D

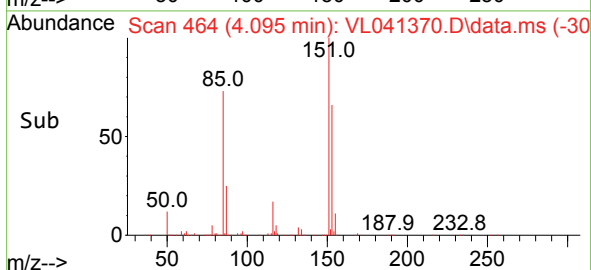
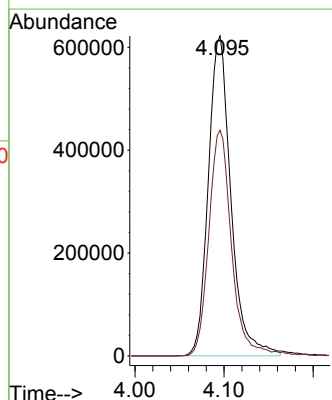
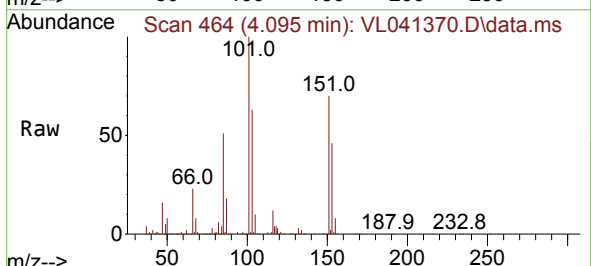
Acq: 1 Jul 2024 16:27

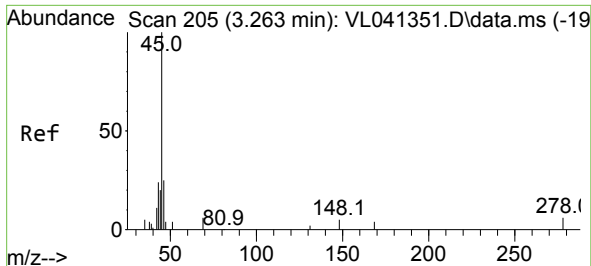
Tgt Ion:101 Resp: 1096668

Ion Ratio Lower Upper

101 100

151 71.4 57.0 85.6

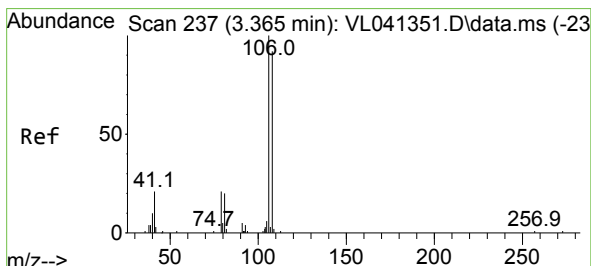
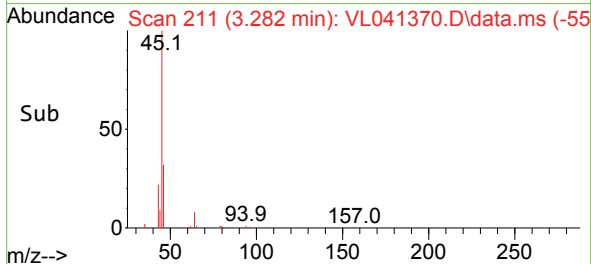
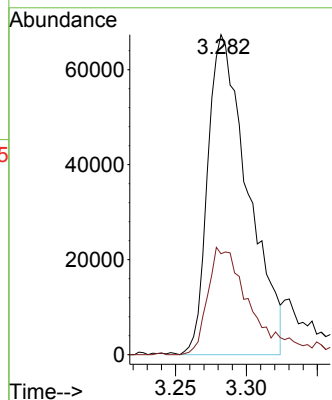
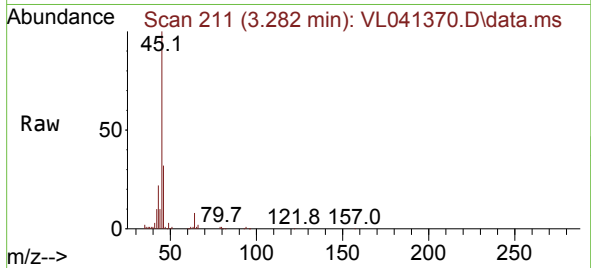




#13
Ethanol
Concen: 9.405 ppbv
RT: 3.282 min Scan# 211
Delta R.T. 0.000 min
Lab File: VL041370.D
Acq: 1 Jul 2024 16:27

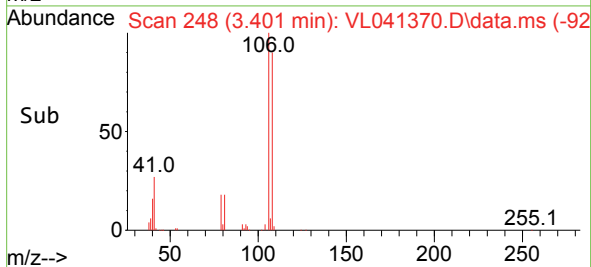
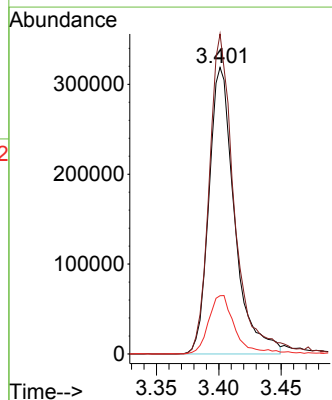
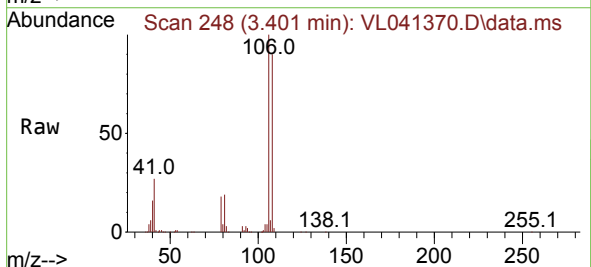
Instrument :
MSVOA_L
ClientSampleId :

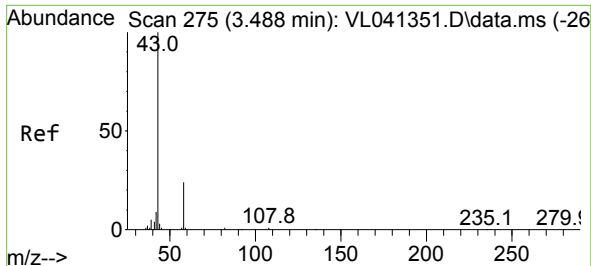
Tgt Ion: 45 Resp: 132822
Ion Ratio Lower Upper
45 100
46 37.7 13.3 53.3



#14
Bromoethene
Concen: 9.164 ppbv
RT: 3.401 min Scan# 248
Delta R.T. 0.000 min
Lab File: VL041370.D
Acq: 1 Jul 2024 16:27

Tgt Ion:108 Resp: 456620
Ion Ratio Lower Upper
108 100
106 112.2 85.5 128.3
79 21.2 16.3 24.5

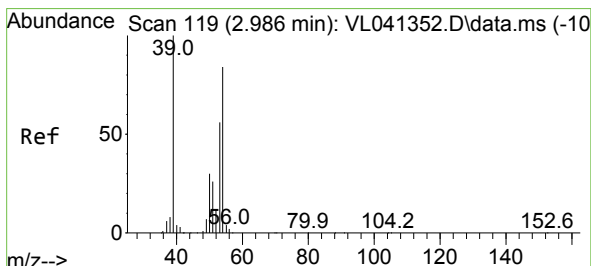
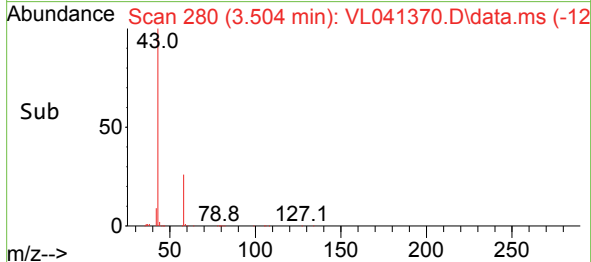
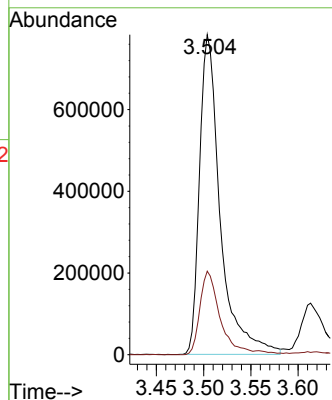
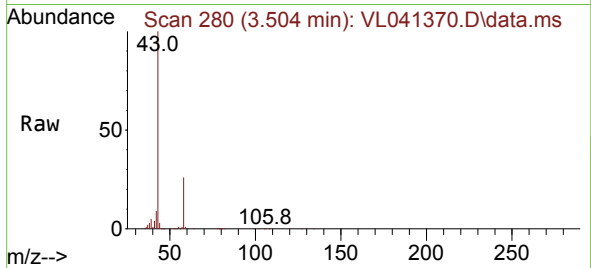




#15
Acetone
Concen: 8.462 ppbv
RT: 3.504 min Scan# 21
Delta R.T. 0.000 min
Lab File: VL041370.D
Acq: 1 Jul 2024 16:27

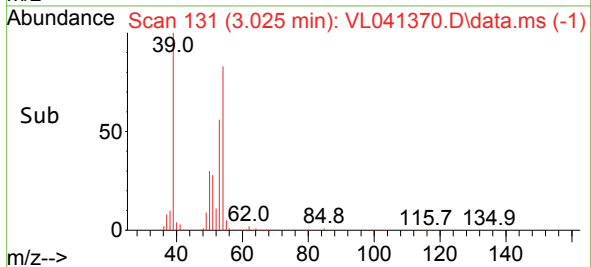
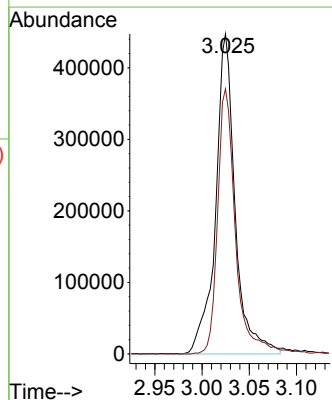
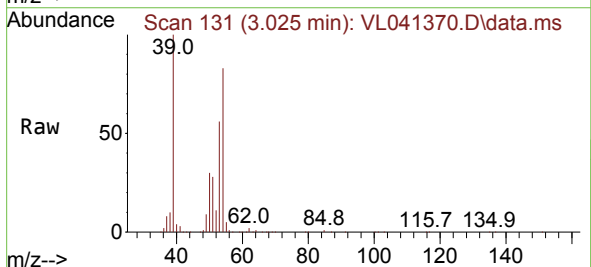
Instrument :
MSVOA_L
ClientSampleId :

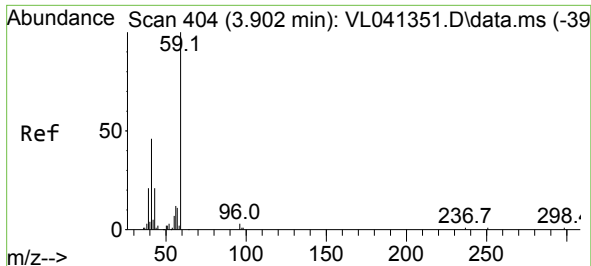
Tgt Ion: 43 Resp: 1192394
Ion Ratio Lower Upper
43 100
58 26.2 20.3 30.5



#16
1,3-Butadiene
Concen: 9.597 ppbv
RT: 3.025 min Scan# 131
Delta R.T. 0.000 min
Lab File: VL041370.D
Acq: 1 Jul 2024 16:27

Tgt Ion: 39 Resp: 643679
Ion Ratio Lower Upper
39 100
54 76.6 60.5 90.7





#17

tert-Butyl alcohol

Concen: 10.219 ppbv

RT: 3.912 min Scan# 407

Delta R.T. -0.003 min

Lab File: VL041370.D

Acq: 1 Jul 2024 16:27

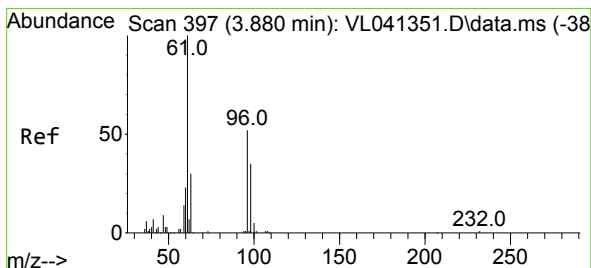
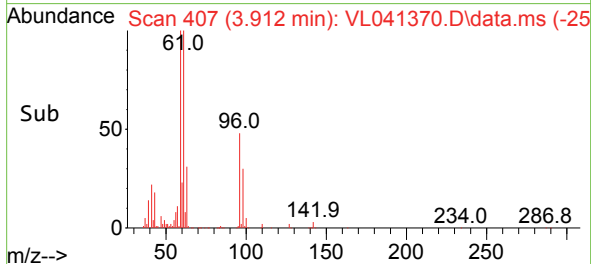
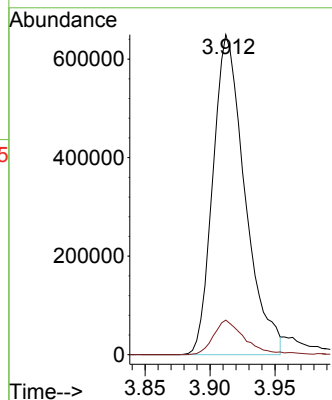
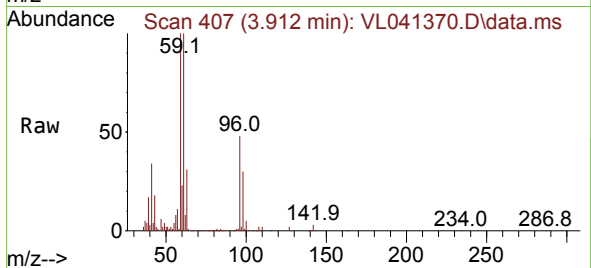
Instrument :

MSVOA_L

ClientSampleId :

Tgt Ion: 59 Resp: 1110903

Ion	Ratio	Lower	Upper
59	100		
57	11.2	8.4	12.6



#18

1,1-Dichloroethene

Concen: 8.800 ppbv

RT: 3.909 min Scan# 406

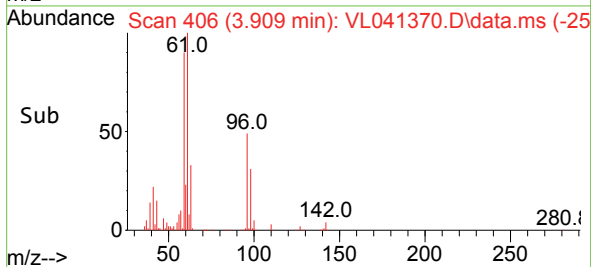
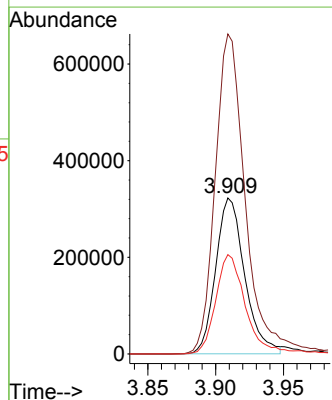
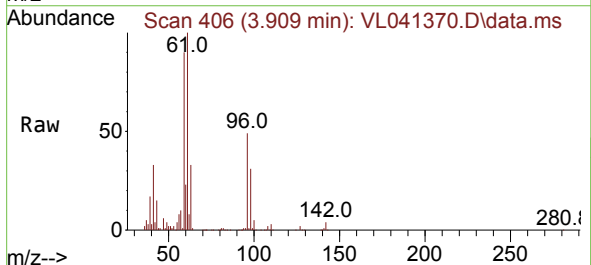
Delta R.T. -0.003 min

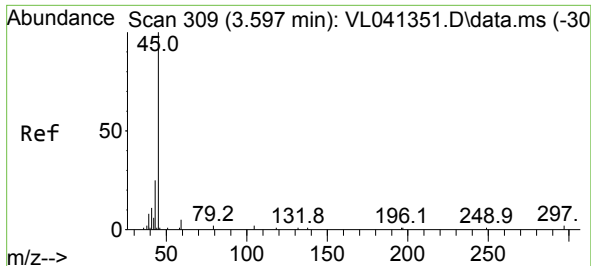
Lab File: VL041370.D

Acq: 1 Jul 2024 16:27

Tgt Ion: 96 Resp: 480482

Ion	Ratio	Lower	Upper
96	100		
61	205.1	160.3	240.5
98	63.7	51.6	77.4

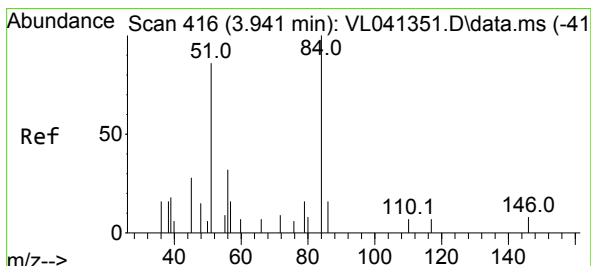
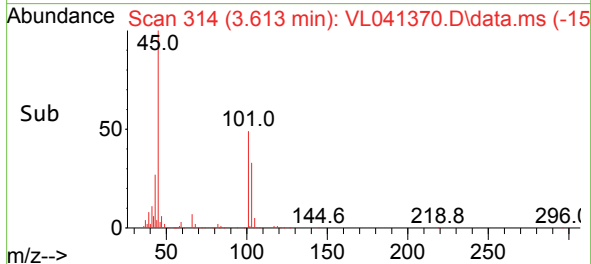
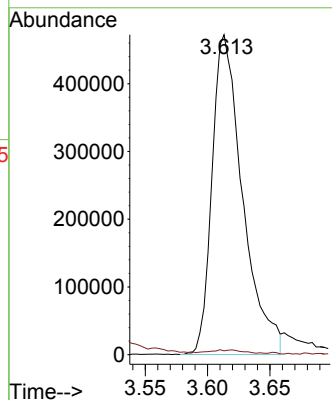
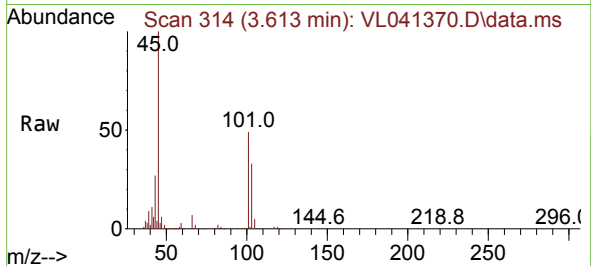




#19
Isopropyl Alcohol
Concen: 10.429 ppbv
RT: 3.613 min Scan# 314
Delta R.T. 0.000 min
Lab File: VL041370.D
Acq: 1 Jul 2024 16:27

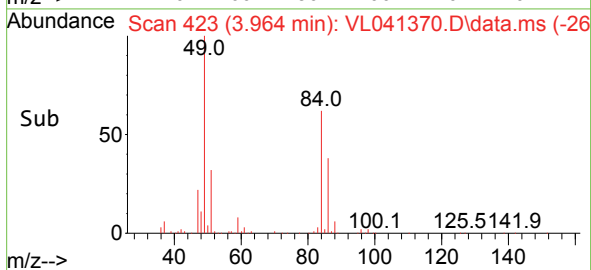
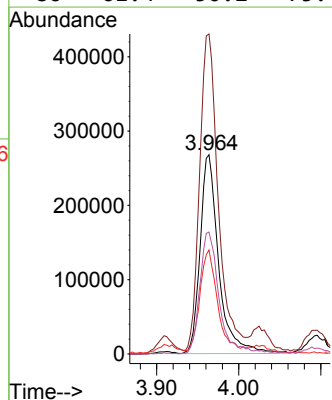
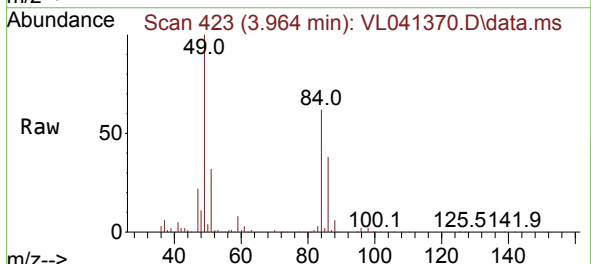
Instrument :
MSVOA_L
ClientSampleId :

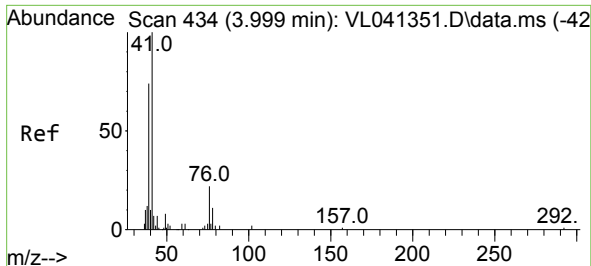
Tgt Ion: 45 Resp: 806802
Ion Ratio Lower Upper
45 100
58 1.7 1.6 2.4



#20
Methylene Chloride
Concen: 8.251 ppbv
RT: 3.964 min Scan# 423
Delta R.T. 0.000 min
Lab File: VL041370.D
Acq: 1 Jul 2024 16:27

Tgt Ion: 84 Resp: 421897
Ion Ratio Lower Upper
84 100
49 158.6 131.8 197.6
51 51.1 39.6 59.4
86 61.4 50.2 75.4





#21

Allyl Chloride

Concen: 9.250 ppbv

RT: 4.025 min Scan# 442

Delta R.T. 0.000 min

Lab File: VL041370.D

Acq: 1 Jul 2024 16:27

Instrument :

MSVOA_L

ClientSampleId :

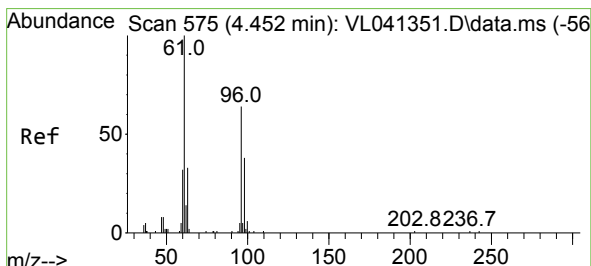
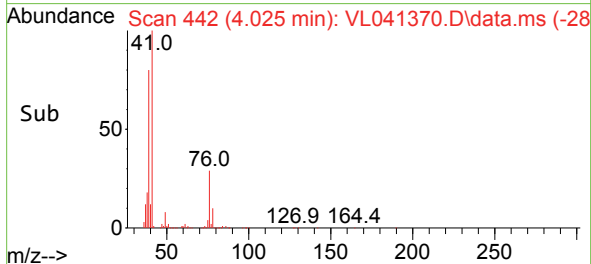
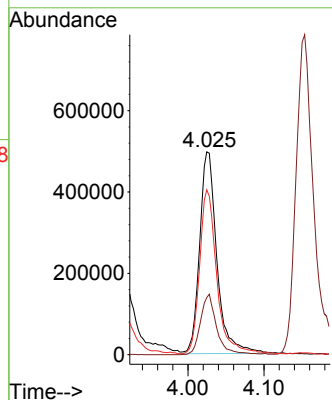
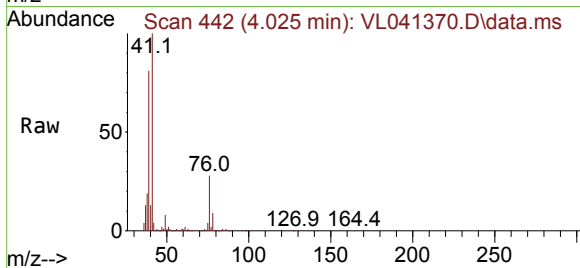
Tgt Ion: 41 Resp: 786287

Ion Ratio Lower Upper

41 100

76 27.8 23.3 34.9

39 81.2 66.0 99.0



#22

trans-1,2-Dichloroethene

Concen: 9.327 ppbv

RT: 4.472 min Scan# 581

Delta R.T. 0.000 min

Lab File: VL041370.D

Acq: 1 Jul 2024 16:27

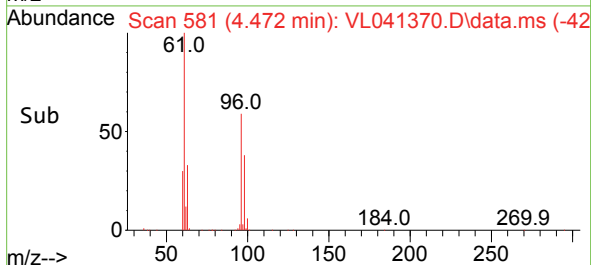
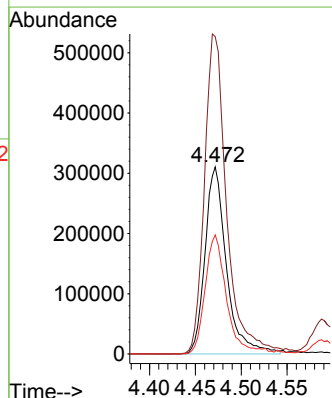
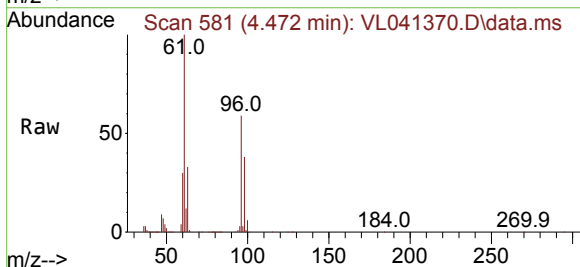
Tgt Ion: 96 Resp: 505825

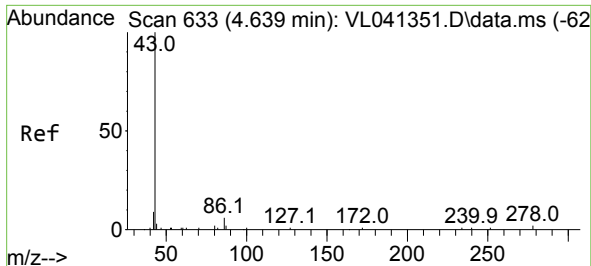
Ion Ratio Lower Upper

96 100

61 169.6 142.0 213.0

98 63.6 52.2 78.2



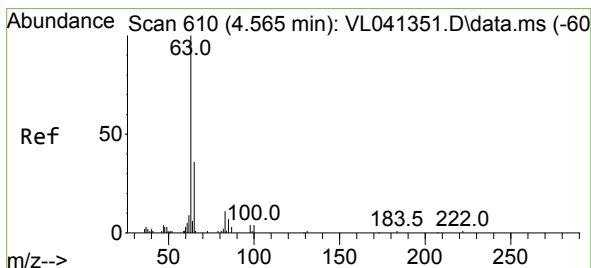
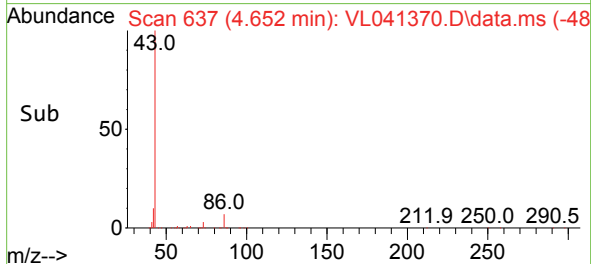
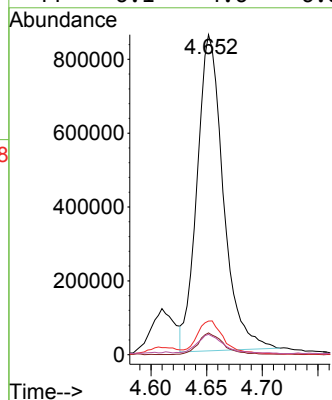
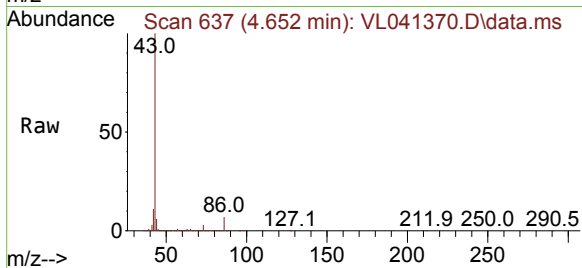


#23
 Vinyl Acetate
 Concen: 10.090 ppbv
 RT: 4.652 min Scan# 61
 Delta R.T. 0.000 min
 Lab File: VL041370.D
 Acq: 1 Jul 2024 16:27

Instrument :
 MSVOA_L
 ClientSampleId :

Tgt Ion: 43 Resp: 1401625

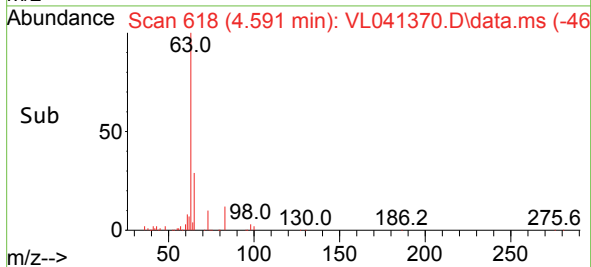
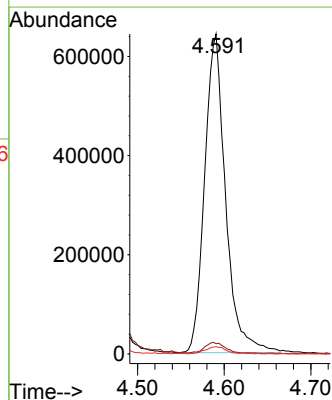
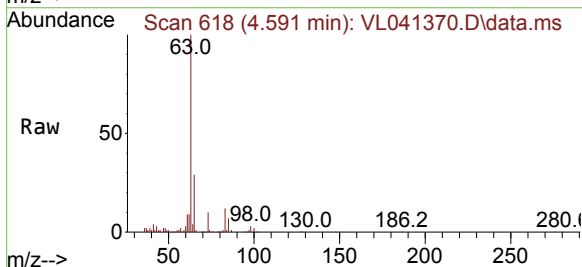
Ion	Ratio	Lower	Upper
43	100		
86	6.8	5.0	7.4
42	10.4	7.9	11.9
44	6.1	4.6	6.8

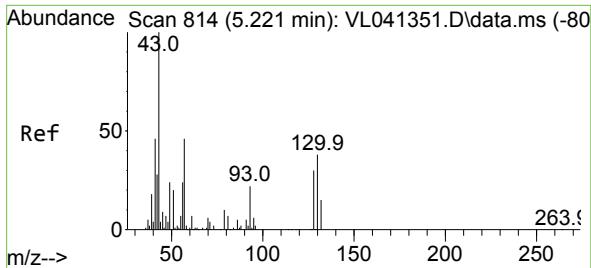


#24
 1,1-Dichloroethane
 Concen: 8.957 ppbv
 RT: 4.591 min Scan# 618
 Delta R.T. 0.000 min
 Lab File: VL041370.D
 Acq: 1 Jul 2024 16:27

Tgt Ion: 63 Resp: 1078714

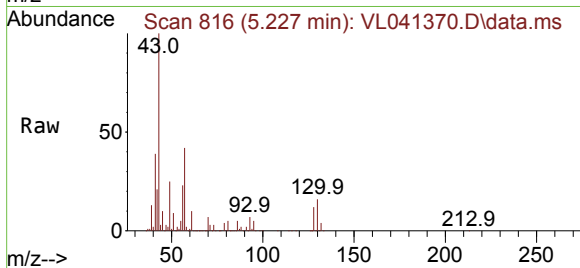
Ion	Ratio	Lower	Upper
63	100		
98	3.0	1.8	5.4
100	2.2	1.1	3.3





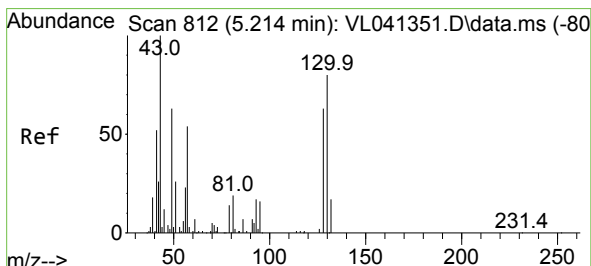
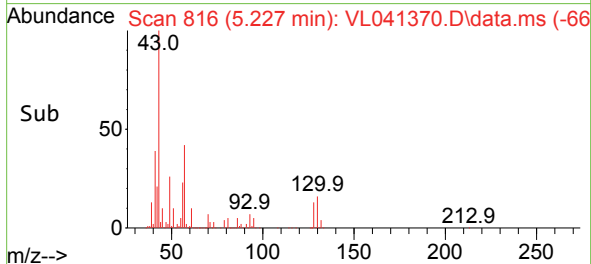
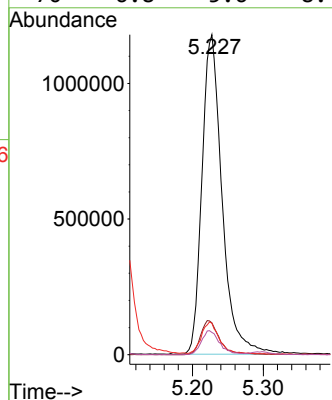
#25
Ethyl Acetate
Concen: 8.950 ppbv
RT: 5.227 min Scan# 814
Delta R.T. 0.000 min
Lab File: VL041370.D
Acq: 1 Jul 2024 16:27

Instrument :
MSVOA_L
ClientSampleId :



Tgt Ion: 43 Resp: 2322320

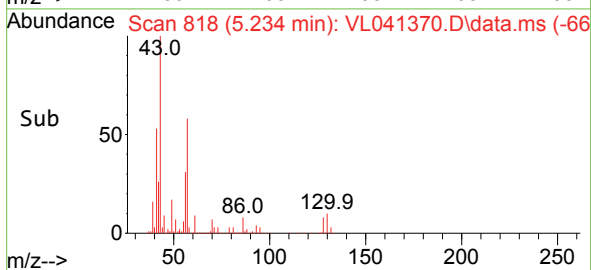
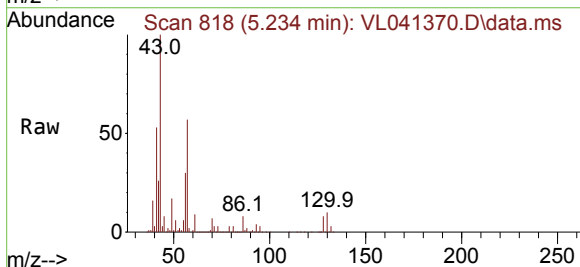
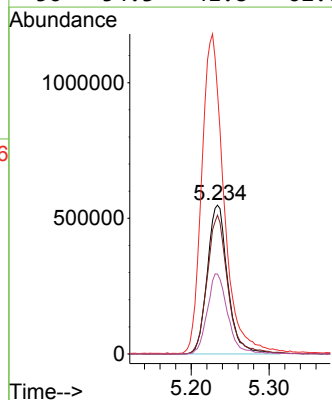
Ion	Ratio	Lower	Upper
43	100		
45	10.2	8.3	12.5
61	9.7	7.7	11.5
70	6.8	5.6	8.4

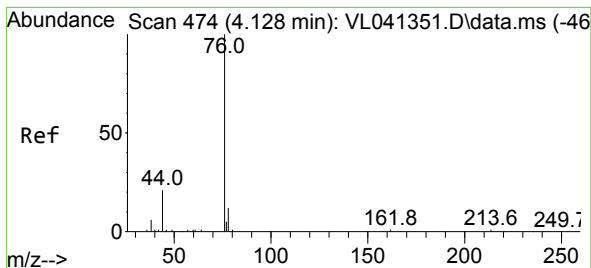


#26
Hexane
Concen: 8.691 ppbv
RT: 5.234 min Scan# 818
Delta R.T. 0.000 min
Lab File: VL041370.D
Acq: 1 Jul 2024 16:27

Tgt Ion: 57 Resp: 998562

Ion	Ratio	Lower	Upper
57	100		
41	95.3	73.7	110.5
43	234.6	182.2	273.2
56	54.3	41.8	62.6





#27

Carbon Disulfide

Concen: 9.199 ppbv

RT: 4.153 min Scan# 41

Delta R.T. 0.000 min

Lab File: VL041370.D

Acq: 1 Jul 2024 16:27

Instrument :

MSVOA_L

ClientSampleId :

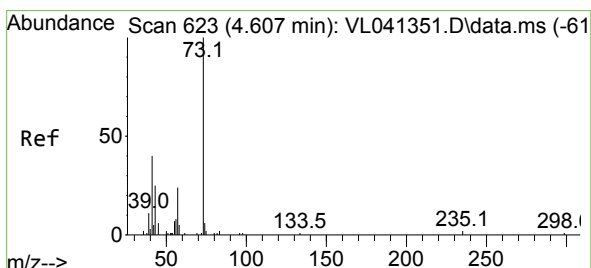
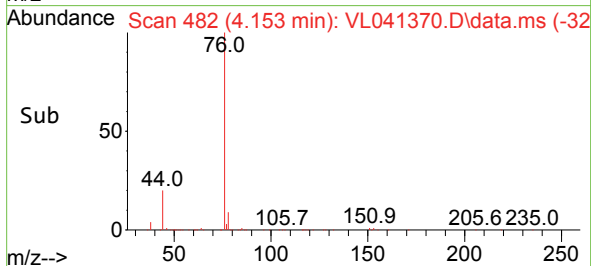
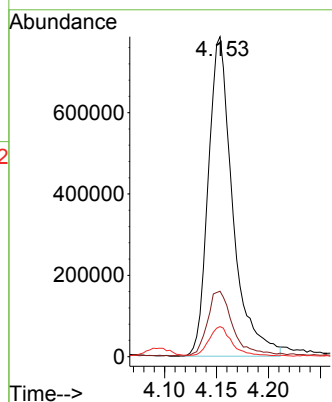
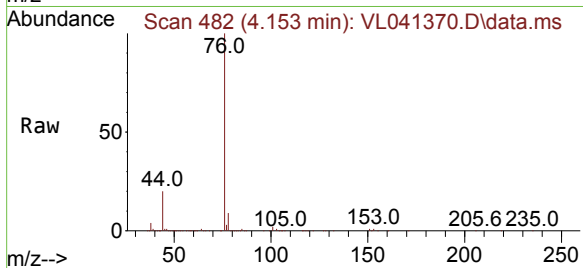
Tgt Ion: 76 Resp: 1285940

Ion Ratio Lower Upper

76 100

44 21.6 17.4 26.2

78 10.0 7.3 10.9



#28

Methyl tert-Butyl Ether

Concen: 9.140 ppbv

RT: 4.610 min Scan# 624

Delta R.T. -0.003 min

Lab File: VL041370.D

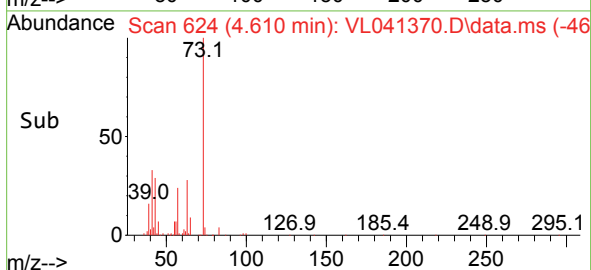
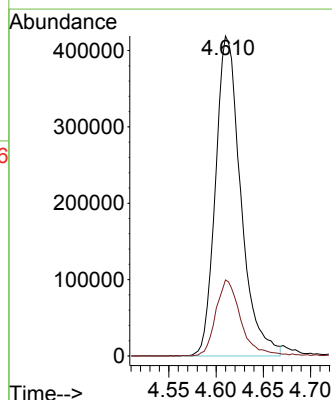
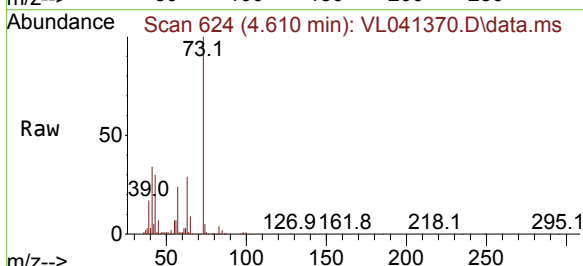
Acq: 1 Jul 2024 16:27

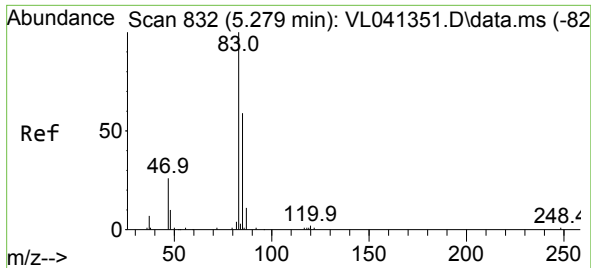
Tgt Ion: 73 Resp: 778942

Ion Ratio Lower Upper

73 100

57 23.8 19.9 29.9

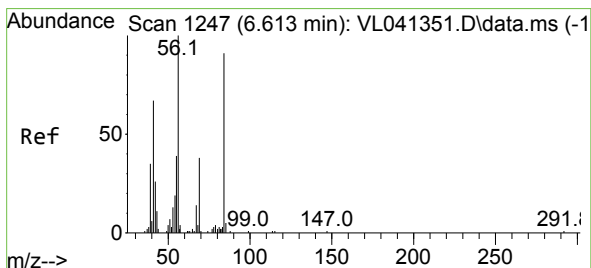
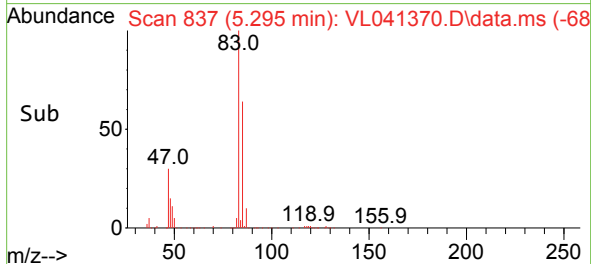
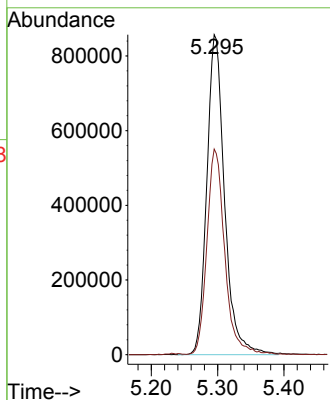
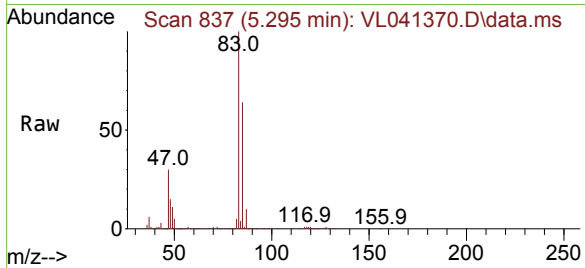




#29
Chloroform
Concen: 8.965 ppbv
RT: 5.295 min Scan# 81
Delta R.T. -0.003 min
Lab File: VL041370.D
Acq: 1 Jul 2024 16:27

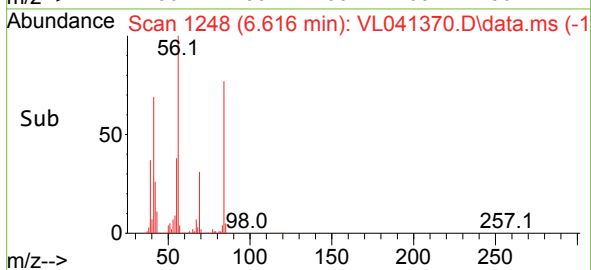
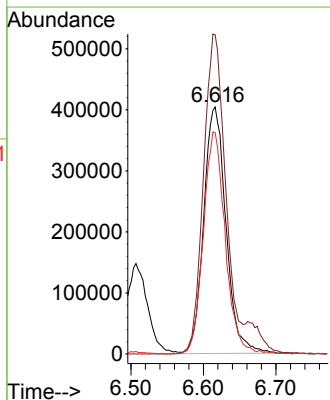
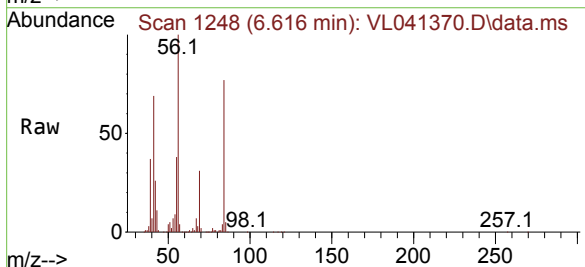
Instrument :
MSVOA_L
ClientSampleId :

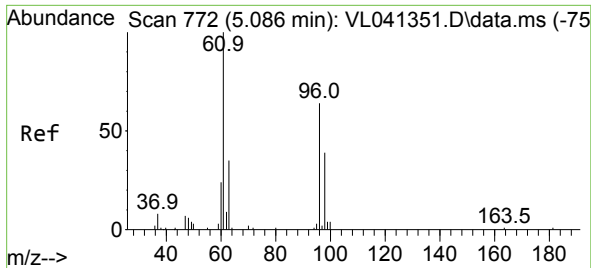
Tgt Ion: 83 Resp: 1589168
Ion Ratio Lower Upper
83 100
85 64.0 54.2 81.4



#30
Cyclohexane
Concen: 9.433 ppbv
RT: 6.616 min Scan# 1248
Delta R.T. 0.000 min
Lab File: VL041370.D
Acq: 1 Jul 2024 16:27

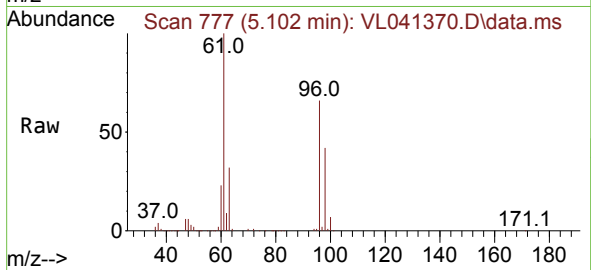
Tgt Ion: 84 Resp: 863400
Ion Ratio Lower Upper
84 100
56 137.9 112.4 168.6
41 88.2 72.7 109.1





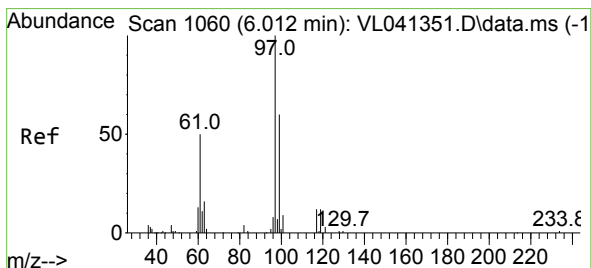
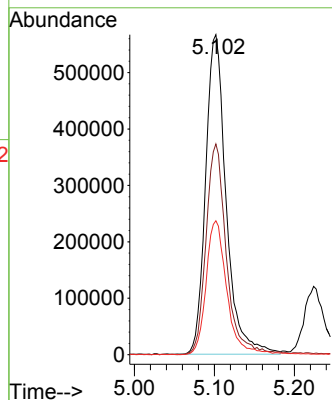
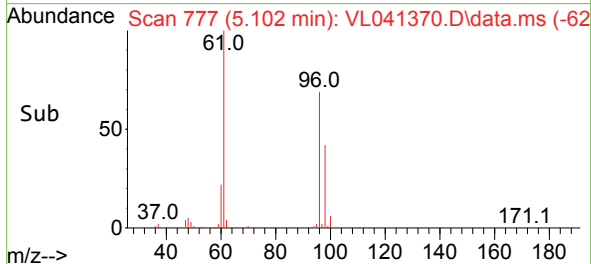
#31
 cis-1,2-Dichloroethene
 Concen: 9.199 ppbv
 RT: 5.102 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: VL041370.D
 Acq: 1 Jul 2024 16:27

Instrument :
 MSVOA_L
 ClientSampleId :



Tgt Ion: 61 Resp: 1013330

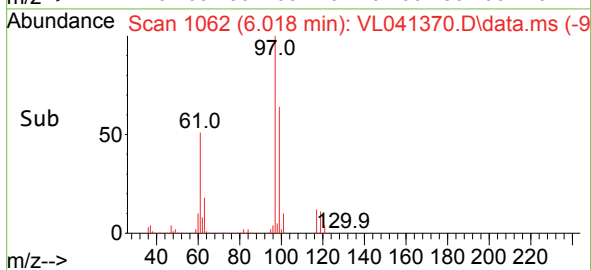
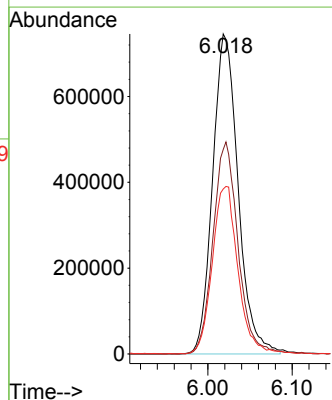
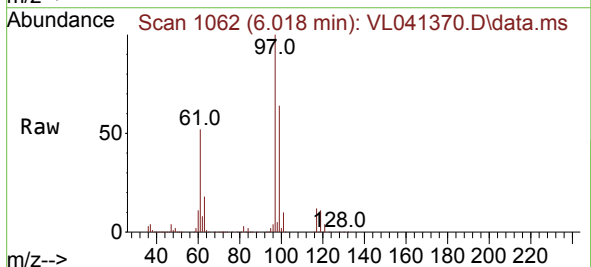
Ion	Ratio	Lower	Upper
61	100		
96	65.8	52.6	79.0
98	41.9	32.3	48.5

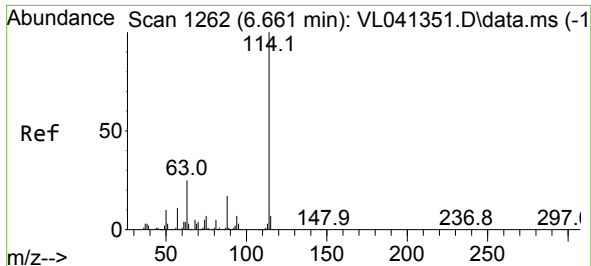


#32
 1,1,1-Trichloroethane
 Concen: 8.418 ppbv
 RT: 6.018 min Scan# 1062
 Delta R.T. -0.003 min
 Lab File: VL041370.D
 Acq: 1 Jul 2024 16:27

Tgt Ion: 97 Resp: 1566394

Ion	Ratio	Lower	Upper
97	100		
99	65.2	52.0	78.0
61	53.1	43.0	64.6





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.668 min Scan# 1

Delta R.T. -0.003 min

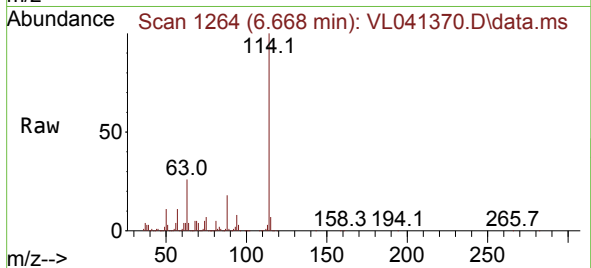
Lab File: VL041370.D

Acq: 1 Jul 2024 16:27

Instrument :

MSVOA_L

ClientSampleId :



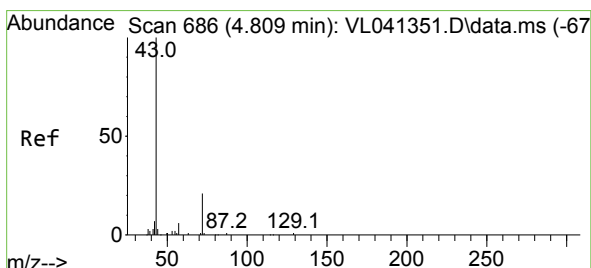
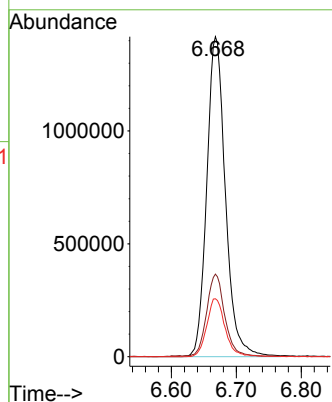
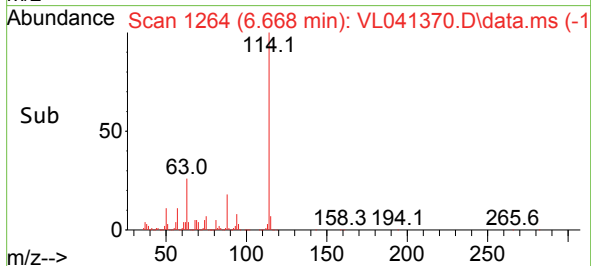
Tgt Ion:114 Resp: 2832028

Ion Ratio Lower Upper

114 100

63 25.6 20.6 31.0

88 17.9 14.6 21.8



#34

2-Butanone

Concen: 9.288 ppbv

RT: 4.812 min Scan# 687

Delta R.T. 0.000 min

Lab File: VL041370.D

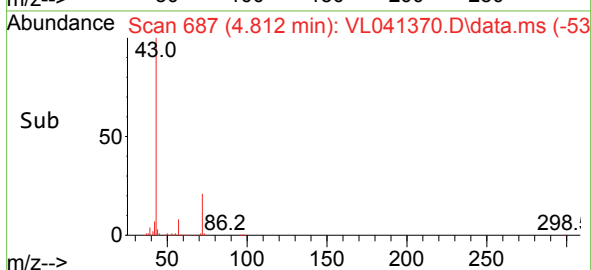
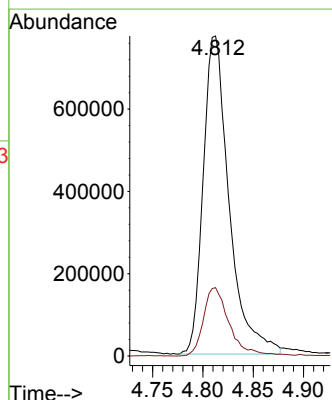
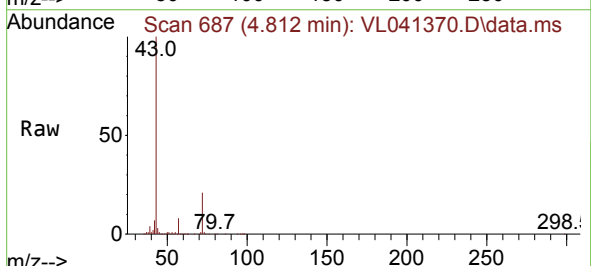
Acq: 1 Jul 2024 16:27

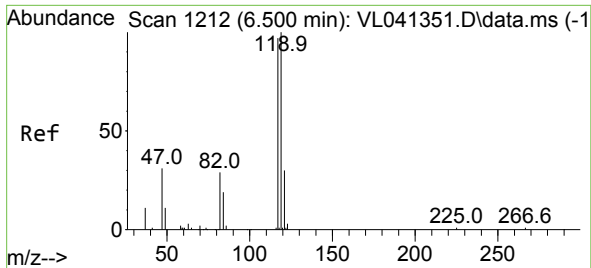
Tgt Ion: 43 Resp: 1388018

Ion Ratio Lower Upper

43 100

72 21.8 17.2 25.8

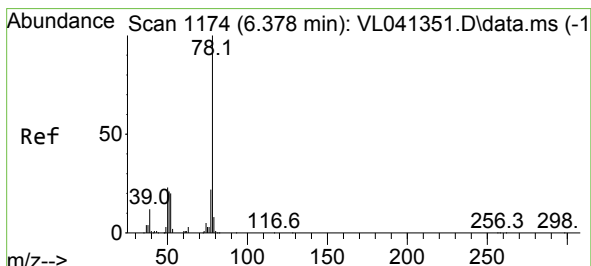
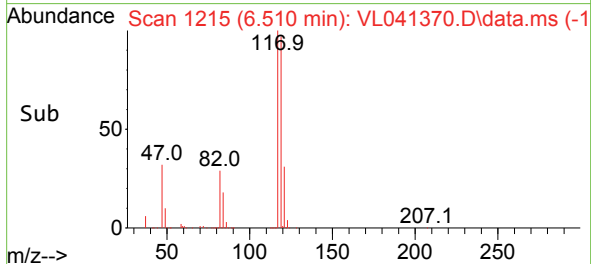
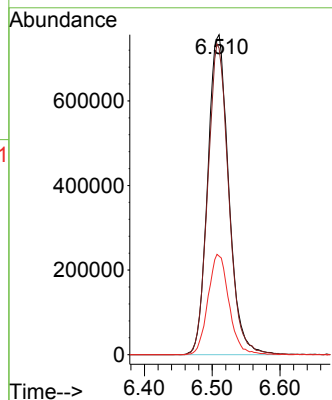
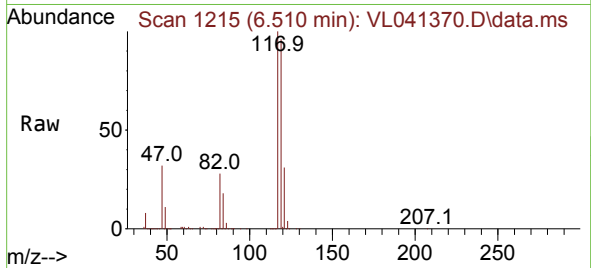




#35
Carbon Tetrachloride
Concen: 8.731 ppbv
RT: 6.510 min Scan# 117
Delta R.T. 0.000 min
Lab File: VL041370.D
Acq: 1 Jul 2024 16:27

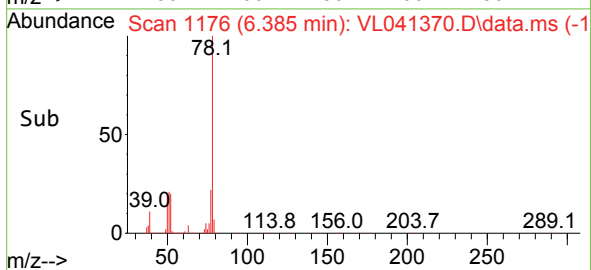
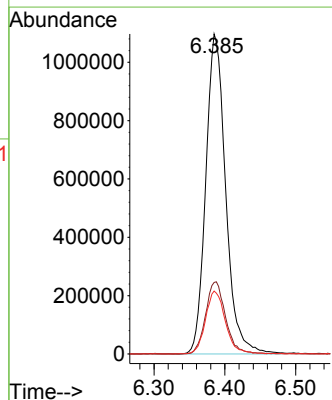
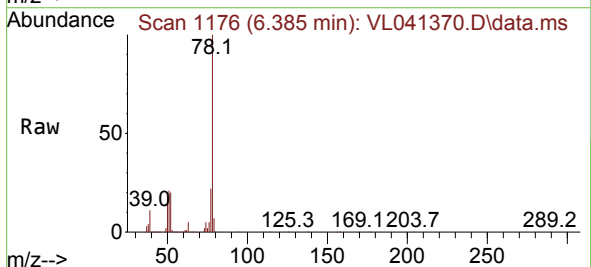
Instrument :
MSVOA_L
ClientSampleId :

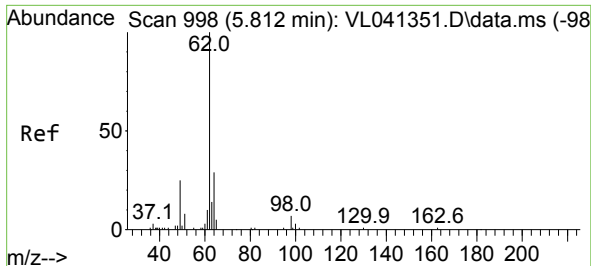
Tgt Ion:117 Resp: 1632888
Ion Ratio Lower Upper
117 100
119 95.8 77.2 115.8
121 30.8 25.2 37.8



#36
Benzene
Concen: 9.133 ppbv
RT: 6.385 min Scan# 1176
Delta R.T. -0.003 min
Lab File: VL041370.D
Acq: 1 Jul 2024 16:27

Tgt Ion: 78 Resp: 2140635
Ion Ratio Lower Upper
78 100
77 22.3 17.9 26.9
50 19.6 15.5 23.3





#37

1,2-Dichloroethane

Concen: 9.139 ppbv

RT: 5.825 min Scan# 1002

Delta R.T. 0.000 min

Lab File: VL041370.D

Acq: 1 Jul 2024 16:27

Instrument :

MSVOA_L

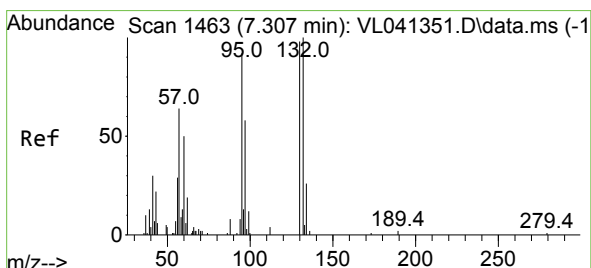
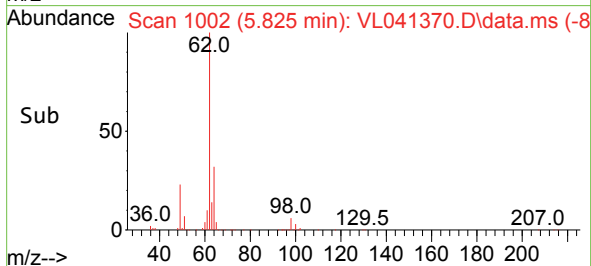
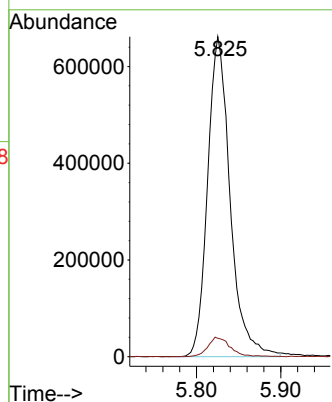
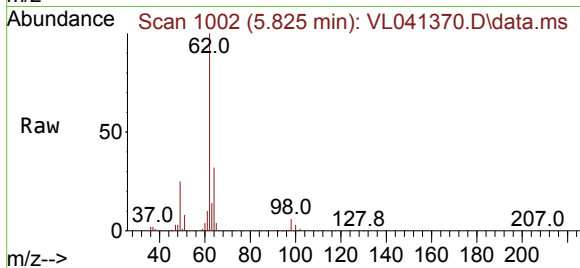
ClientSampleId :

Tgt Ion: 62 Resp: 1229018

Ion Ratio Lower Upper

62 100

98 6.0 4.8 7.2



#38

Trichloroethene

Concen: 8.139 ppbv

RT: 7.304 min Scan# 1462

Delta R.T. 0.000 min

Lab File: VL041370.D

Acq: 1 Jul 2024 16:27

Tgt Ion:130 Resp: 831006

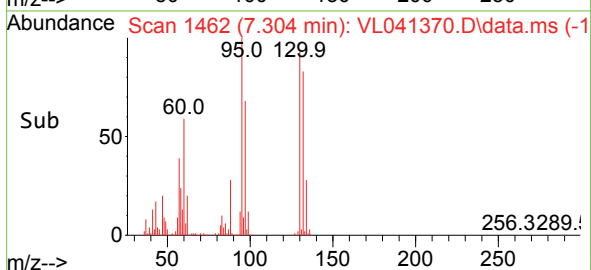
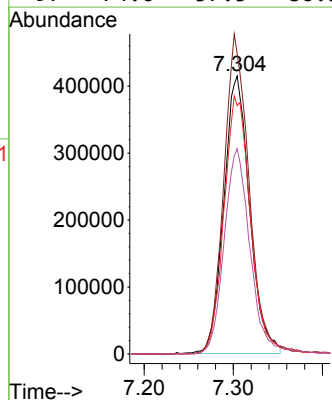
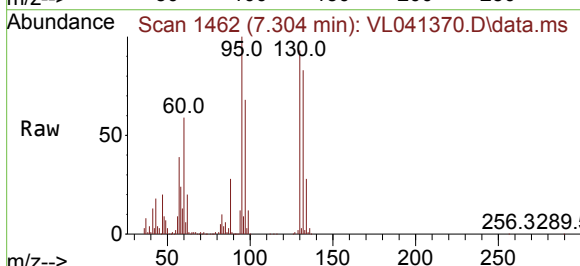
Ion Ratio Lower Upper

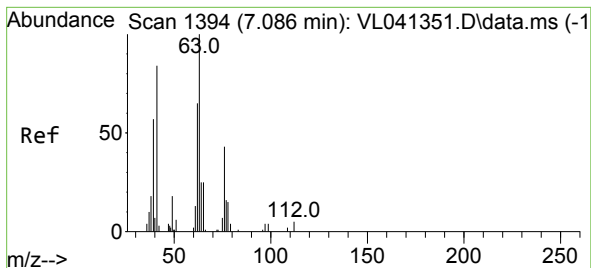
130 100

95 108.2 90.0 135.0

132 89.5 74.8 112.2

97 74.0 57.5 86.3





#39

1,2-Dichloropropane

Concen: 9.030 ppbv

RT: 7.086 min Scan# 11

Delta R.T. -0.003 min

Lab File: VL041370.D

Acq: 1 Jul 2024 16:27

Instrument :

MSVOA_L

ClientSampleId :

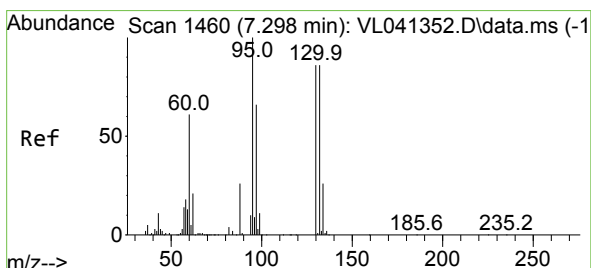
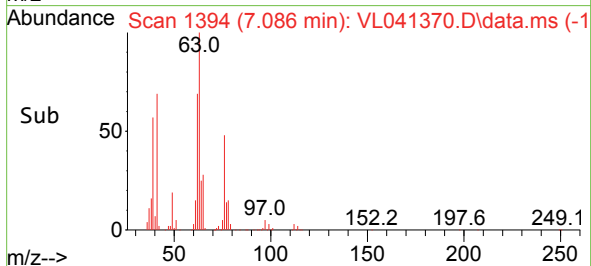
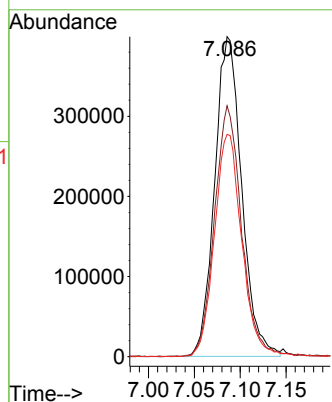
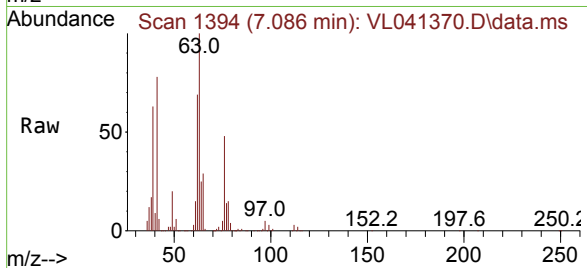
Tgt Ion: 63 Resp: 817856

Ion Ratio Lower Upper

63 100

41 78.4 64.0 96.0

62 69.4 55.2 82.8



#40

1,4-Dioxane

Concen: 11.044 ppbv

RT: 7.301 min Scan# 1461

Delta R.T. -0.003 min

Lab File: VL041370.D

Acq: 1 Jul 2024 16:27

Tgt Ion: 88 Resp: 320708

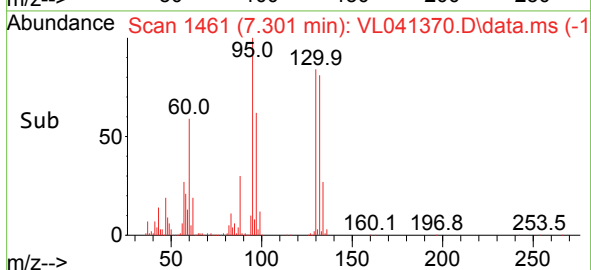
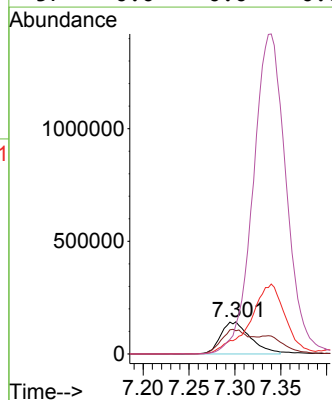
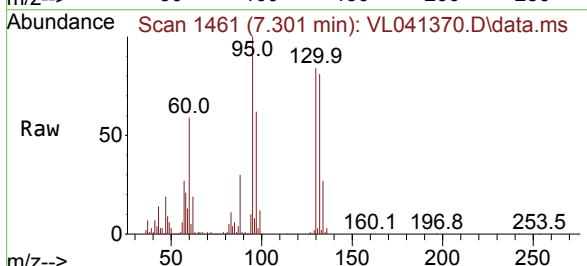
Ion Ratio Lower Upper

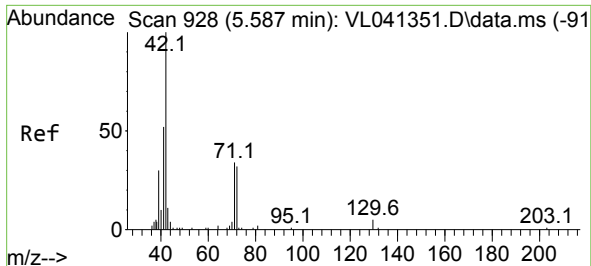
88 100

58 125.8 47.9 71.9#

43 0.0 0.0 0.0

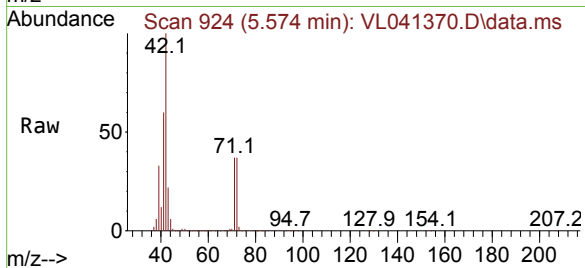
57 0.0 0.0 0.0



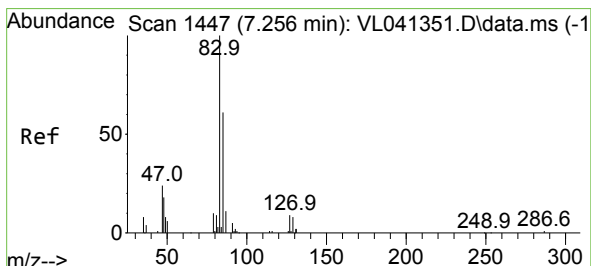
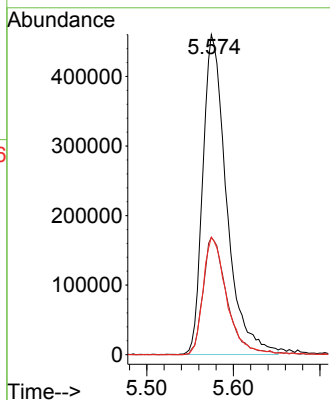
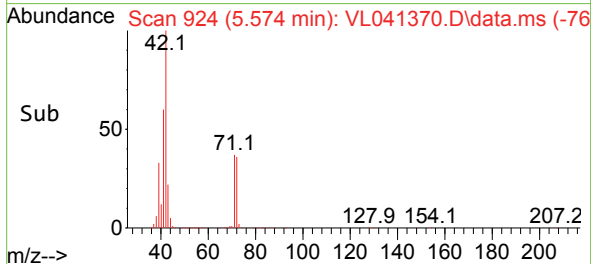


#41
Tetrahydrofuran
Concen: 9.445 ppbv
RT: 5.574 min Scan# 91
Delta R.T. -0.003 min
Lab File: VL041370.D
Acq: 1 Jul 2024 16:27

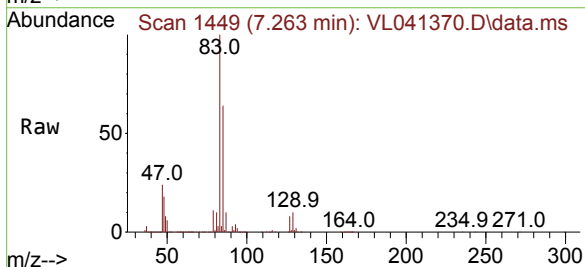
Instrument :
MSVOA_L
ClientSampleId :



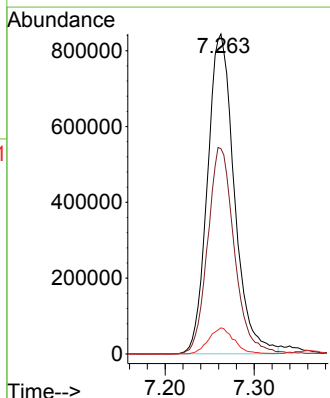
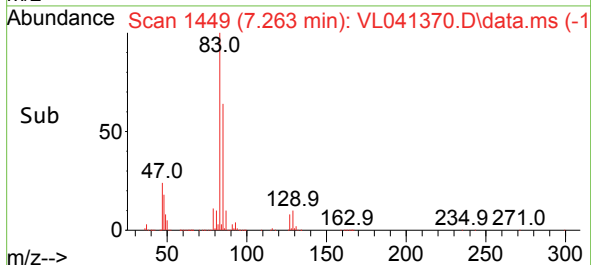
Tgt Ion: 42 Resp: 874288
Ion Ratio Lower Upper
42 100
72 37.3 30.3 45.5
71 37.2 29.7 44.5

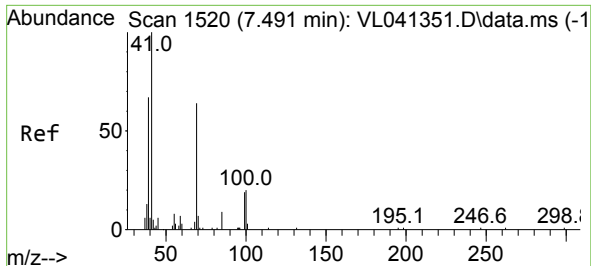


#42
Bromodichloromethane
Concen: 9.385 ppbv
RT: 7.263 min Scan# 1449
Delta R.T. 0.000 min
Lab File: VL041370.D
Acq: 1 Jul 2024 16:27



Tgt Ion: 83 Resp: 1765958
Ion Ratio Lower Upper
83 100
85 64.1 52.0 78.0
127 8.2 6.0 9.0

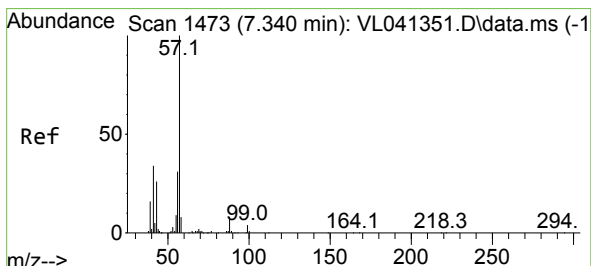
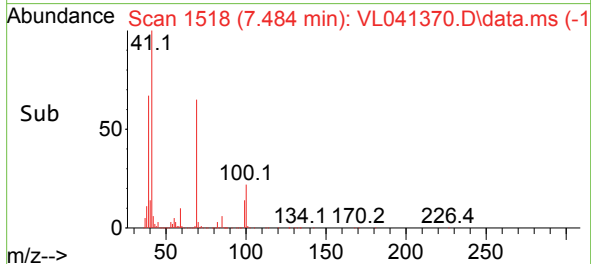
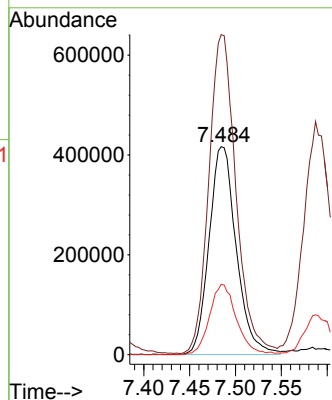
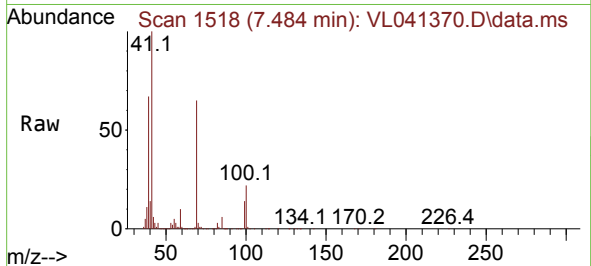




#43
Methyl Methacrylate
Concen: 9.758 ppbv
RT: 7.484 min Scan# 1518
Delta R.T. -0.006 min
Lab File: VL041370.D
Acq: 1 Jul 2024 16:27

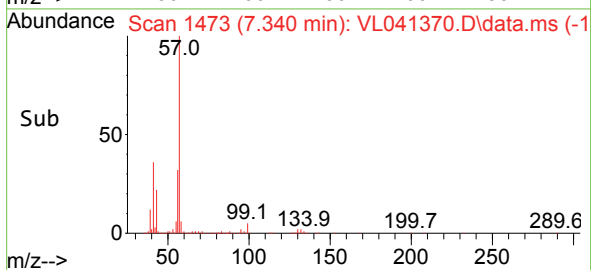
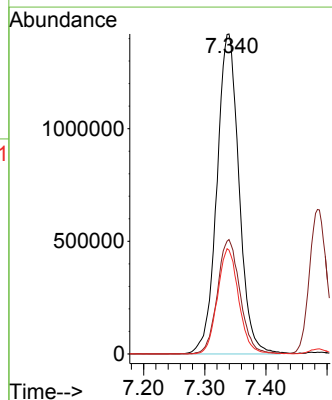
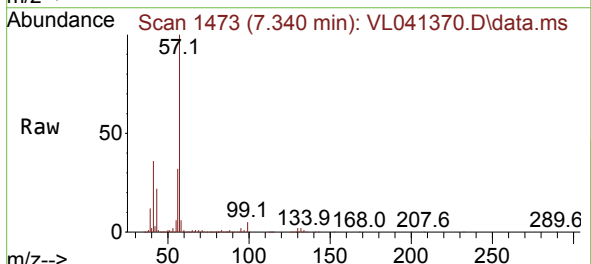
Instrument :
MSVOA_L
ClientSampleId :

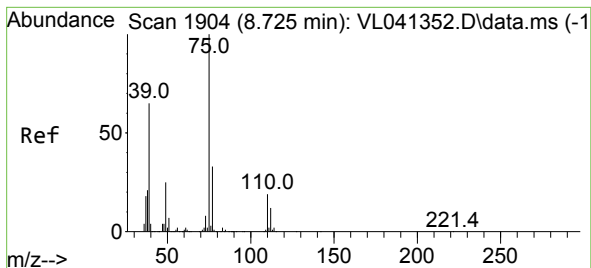
Tgt Ion: 69 Resp: 859276
Ion Ratio Lower Upper
69 100
41 154.1 125.0 187.6
100 33.6 26.8 40.2



#44
2,2,4-Trimethylpentane
Concen: 8.951 ppbv
RT: 7.340 min Scan# 1473
Delta R.T. 0.000 min
Lab File: VL041370.D
Acq: 1 Jul 2024 16:27

Tgt Ion: 57 Resp: 3565487
Ion Ratio Lower Upper
57 100
41 36.6 29.6 44.4
56 31.7 25.7 38.5





#45

t-1,3-Dichloropropene

Concen: 10.330 ppbv

RT: 8.719 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VL041370.D

Acq: 1 Jul 2024 16:27

Instrument :

MSVOA_L

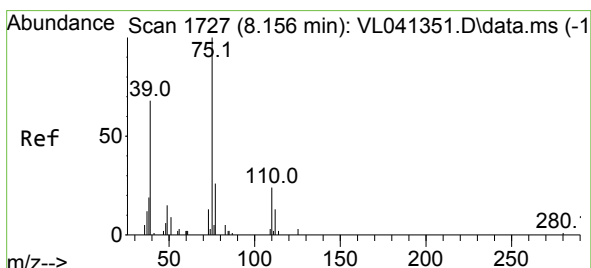
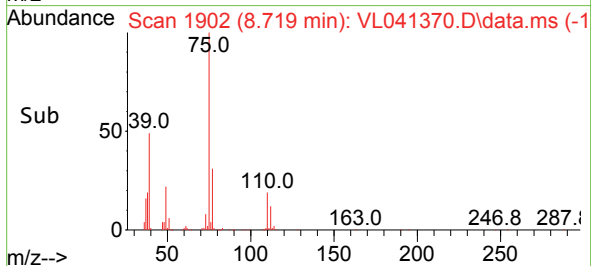
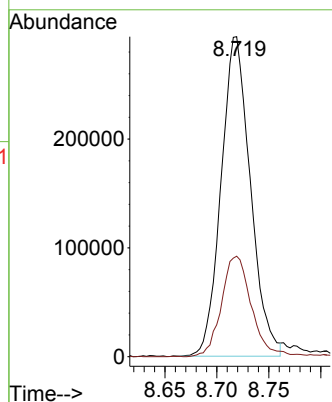
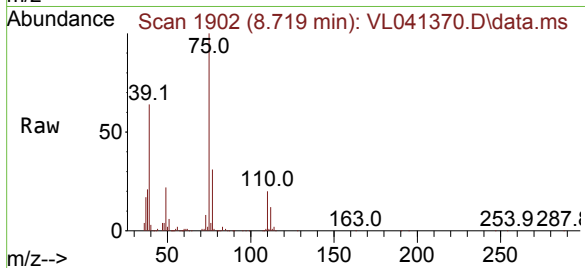
ClientSampleId :

Tgt Ion: 75 Resp: 575678

Ion Ratio Lower Upper

75 100

77 31.4 26.2 39.2



#46

cis-1,3-Dichloropropene

Concen: 9.725 ppbv

RT: 8.150 min Scan# 1725

Delta R.T. -0.003 min

Lab File: VL041370.D

Acq: 1 Jul 2024 16:27

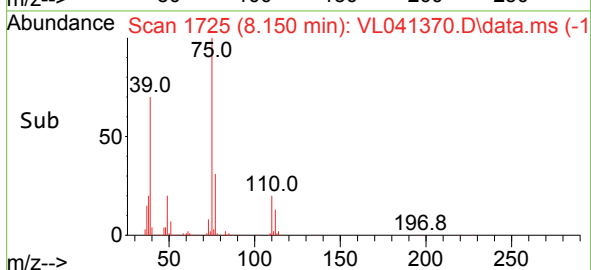
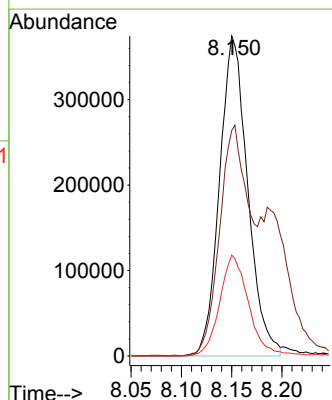
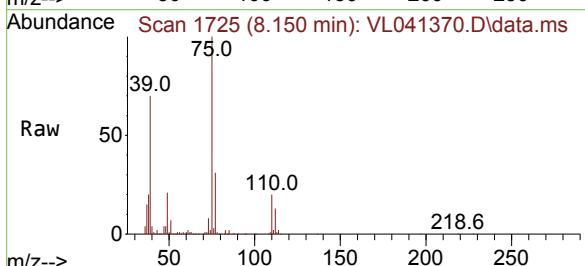
Tgt Ion: 75 Resp: 728766

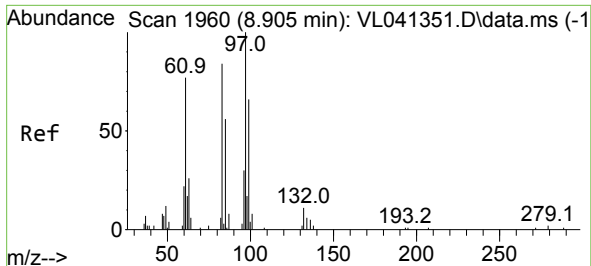
Ion Ratio Lower Upper

75 100

39 70.4 56.6 85.0

77 31.5 25.5 38.3





#47

1,1,2-Trichloroethane

Concen: 9.034 ppbv

RT: 8.906 min Scan# 1960

Delta R.T. -0.003 min

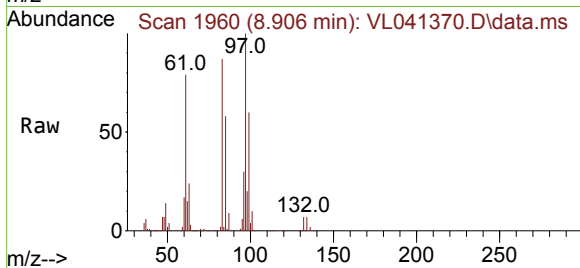
Lab File: VL041370.D

Acq: 1 Jul 2024 16:27

Instrument :

MSVOA_L

ClientSampleId :



Tgt Ion: 97 Resp: 877655

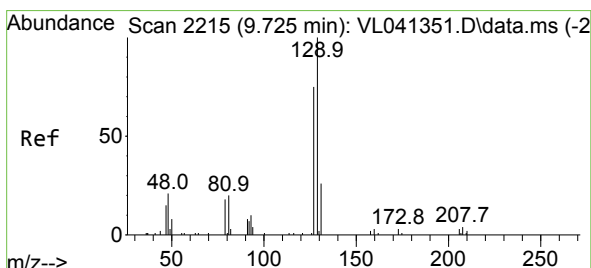
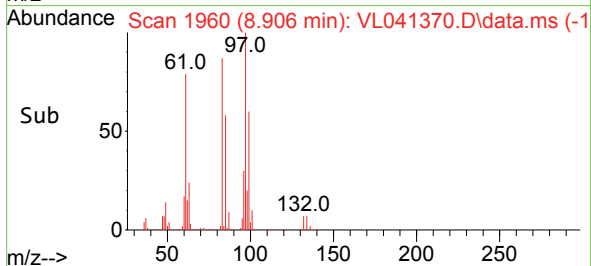
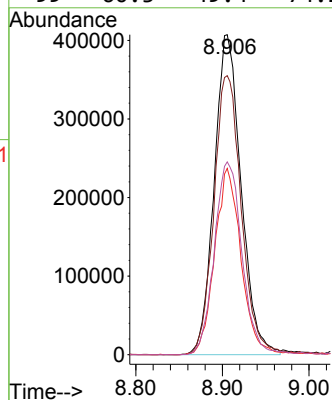
Ion Ratio Lower Upper

97 100

83 87.1 72.4 108.6

85 58.2 42.6 64.0

99 60.3 49.4 74.2



#48

Dibromochloromethane

Concen: 9.400 ppbv

RT: 9.713 min Scan# 2211

Delta R.T. -0.003 min

Lab File: VL041370.D

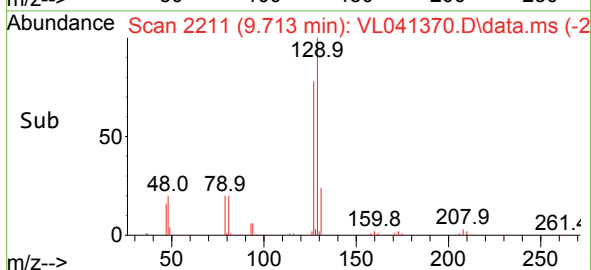
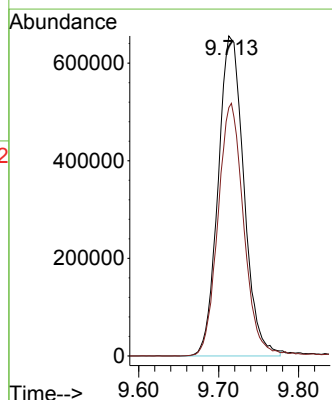
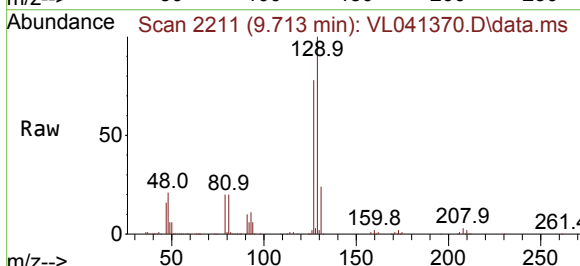
Acq: 1 Jul 2024 16:27

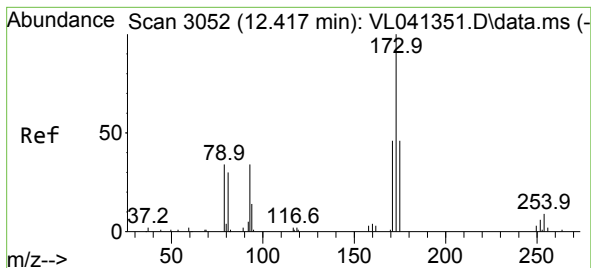
Tgt Ion: 129 Resp: 1466485

Ion Ratio Lower Upper

129 100

127 79.9 39.9 119.7





#49

Bromoform

Concen: 9.754 ppbv

RT: 12.407 min Scan# 3052

Delta R.T. -0.003 min

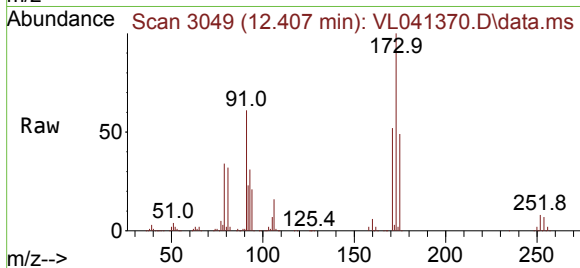
Lab File: VL041370.D

Acq: 1 Jul 2024 16:27

Instrument :

MSVOA_L

ClientSampleId :



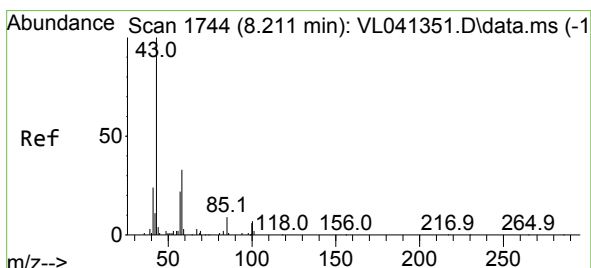
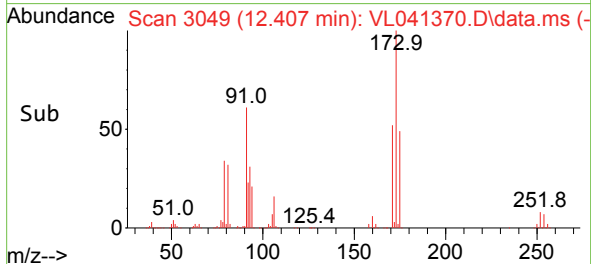
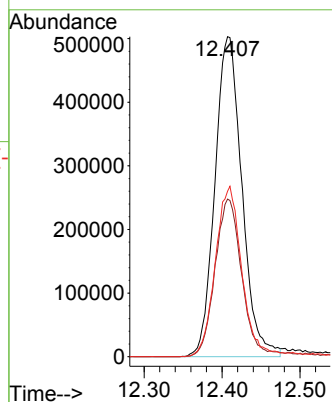
Tgt Ion:173 Resp: 1211922

Ion Ratio Lower Upper

173 100

175 49.4 40.3 60.5

171 53.8 43.8 65.8



#50

4-Methyl-2-Pentanone

Concen: 9.280 ppbv

RT: 8.192 min Scan# 1738

Delta R.T. 0.000 min

Lab File: VL041370.D

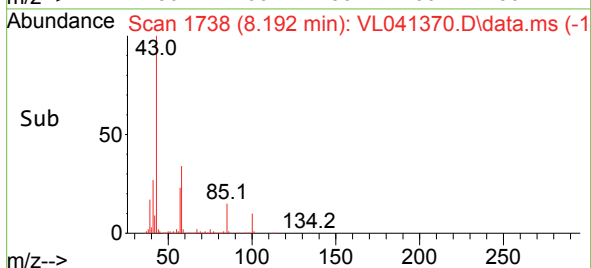
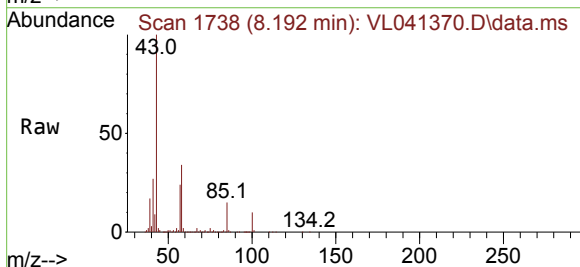
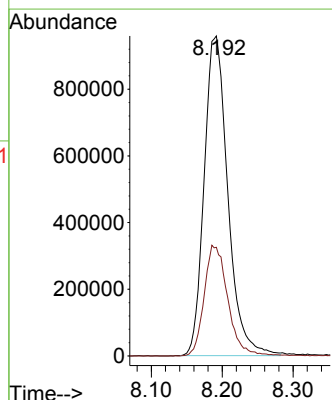
Acq: 1 Jul 2024 16:27

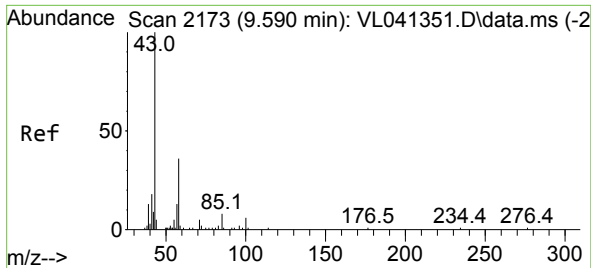
Tgt Ion: 43 Resp: 2227219

Ion Ratio Lower Upper

43 100

58 34.7 27.8 41.8

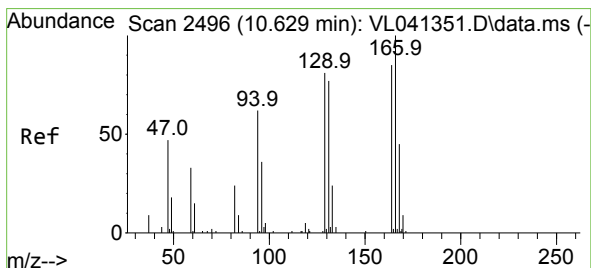
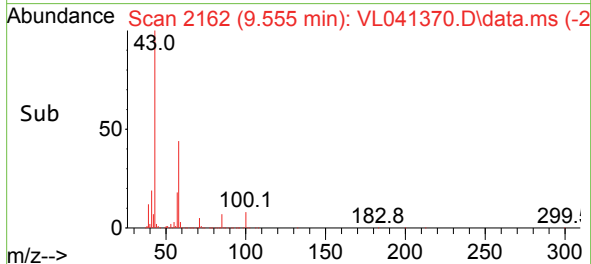
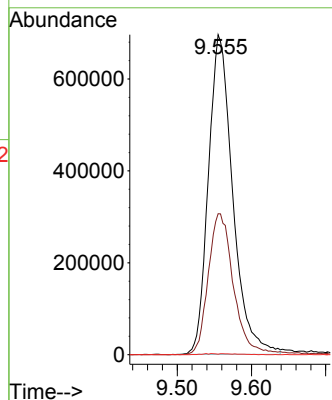
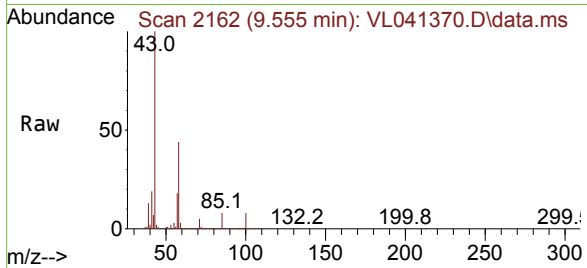




#51
2-Hexanone
Concen: 9.303 ppbv
RT: 9.555 min Scan# 2173
Delta R.T. -0.003 min
Lab File: VL041370.D
Acq: 1 Jul 2024 16:27

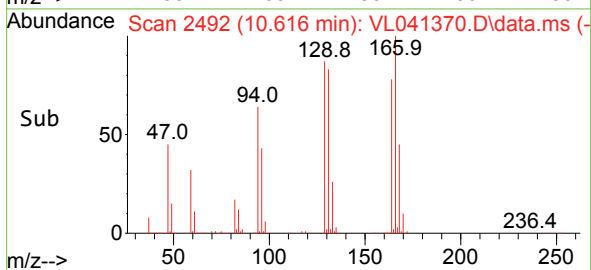
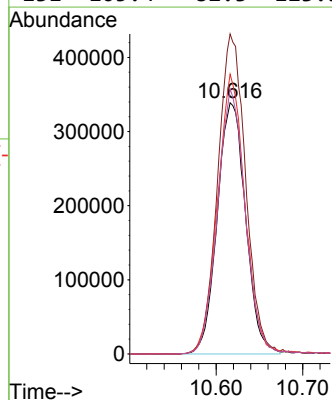
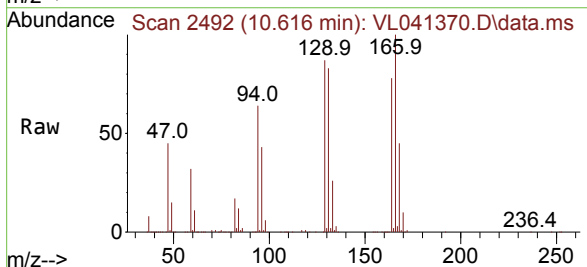
Instrument :
MSVOA_L
ClientSampleId :

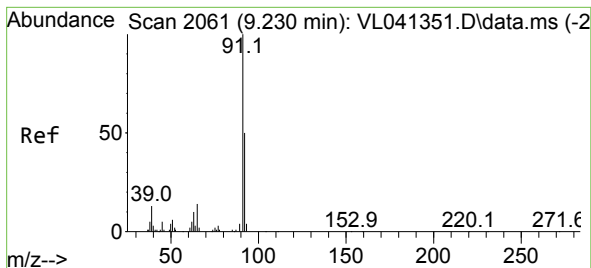
Tgt Ion: 43 Resp: 1586987
Ion Ratio Lower Upper
43 100
58 46.4 38.0 57.0
98 0.5 0.2 0.2#



#52
Tetrachloroethene
Concen: 8.155 ppbv
RT: 10.616 min Scan# 2492
Delta R.T. -0.006 min
Lab File: VL041370.D
Acq: 1 Jul 2024 16:27

Tgt Ion:164 Resp: 767511
Ion Ratio Lower Upper
164 100
166 127.4 99.8 149.8
129 111.4 83.8 125.6
131 105.4 82.3 123.5





#53

Toluene

Concen: 9.320 ppbv

RT: 9.227 min Scan# 2060

Delta R.T. 0.000 min

Lab File: VL041370.D

Acq: 1 Jul 2024 16:27

Instrument :

MSVOA_L

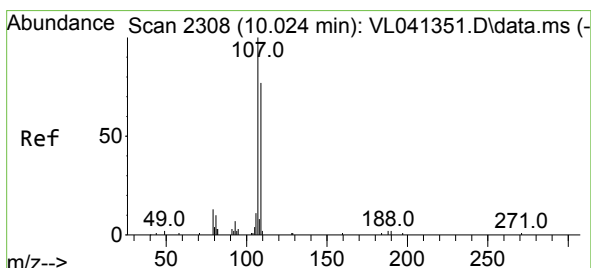
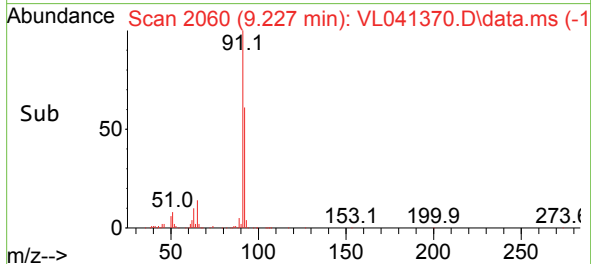
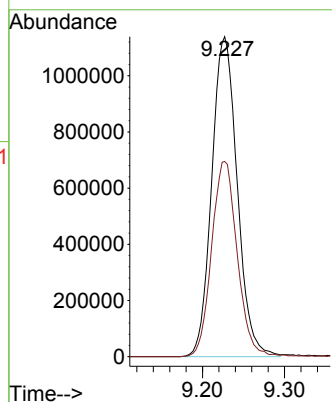
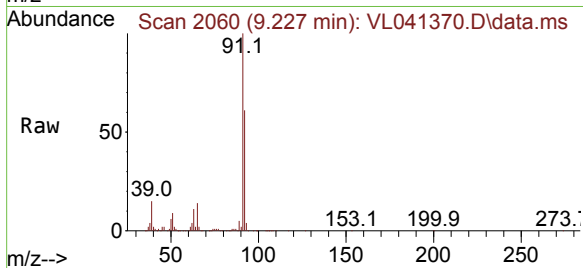
ClientSampleId :

Tgt Ion: 91 Resp: 2463725

Ion Ratio Lower Upper

91 100

92 61.4 48.5 72.7



#54

1,2-Dibromoethane

Concen: 9.769 ppbv

RT: 10.015 min Scan# 2305

Delta R.T. -0.003 min

Lab File: VL041370.D

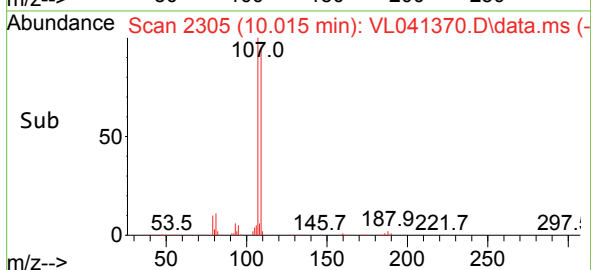
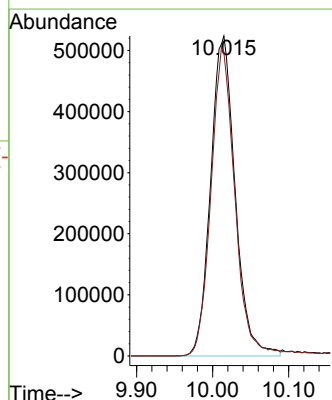
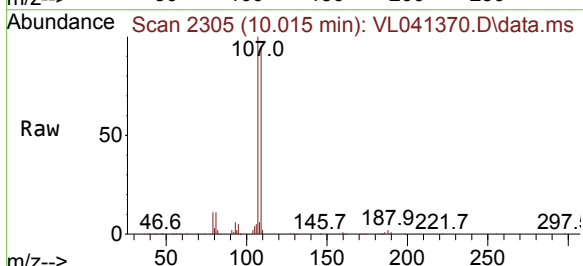
Acq: 1 Jul 2024 16:27

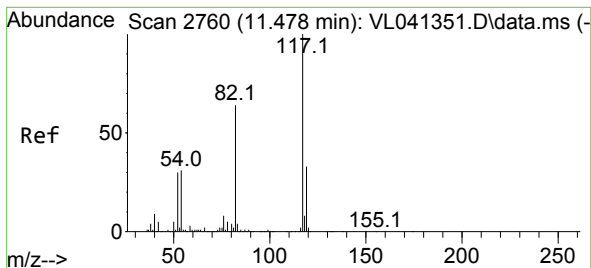
Tgt Ion:107 Resp: 1174426

Ion Ratio Lower Upper

107 100

109 94.8 75.8 113.6





#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 11.465 min Scan# 21

Delta R.T. -0.006 min

Lab File: VL041370.D

Acq: 1 Jul 2024 16:27

Instrument :

MSVOA_L

ClientSampleId :

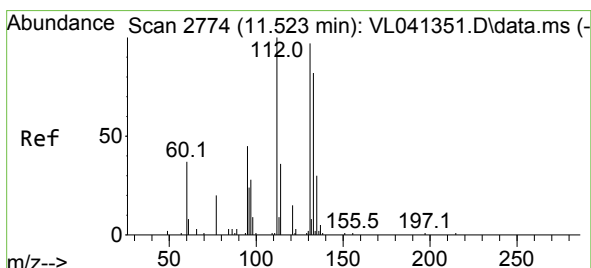
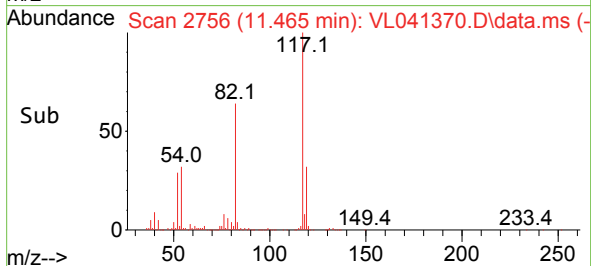
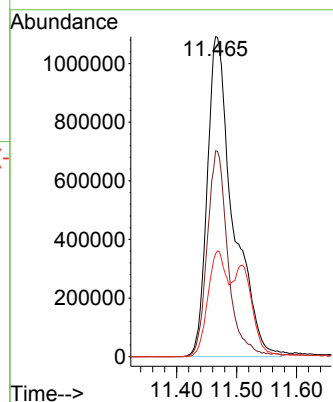
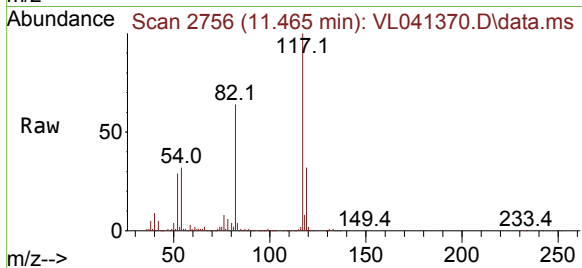
Tgt Ion:117 Resp: 3276033

Ion Ratio Lower Upper

117 100

82 52.7 50.6 75.8

119 23.9 24.7 37.1#



#56

1,1,1,2-Tetrachloroethane

Concen: 7.326 ppbv

RT: 11.507 min Scan# 2769

Delta R.T. -0.006 min

Lab File: VL041370.D

Acq: 1 Jul 2024 16:27

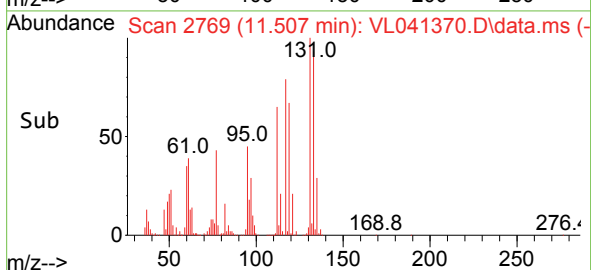
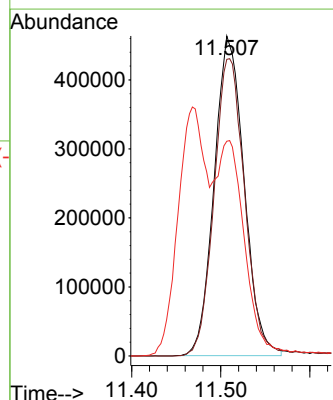
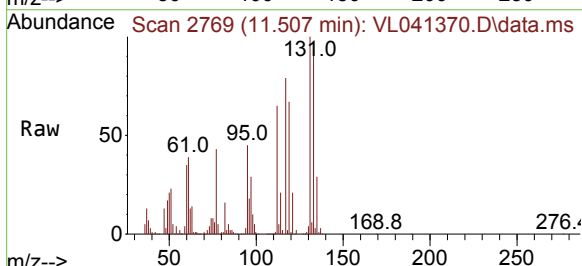
Tgt Ion:131 Resp: 1079999

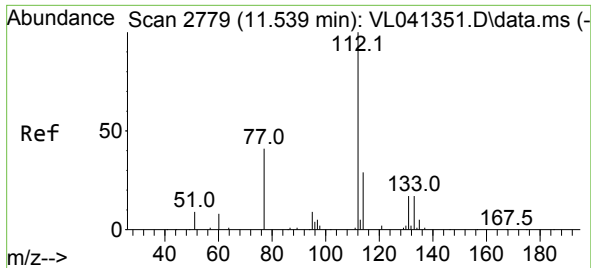
Ion Ratio Lower Upper

131 100

133 97.4 76.8 115.2

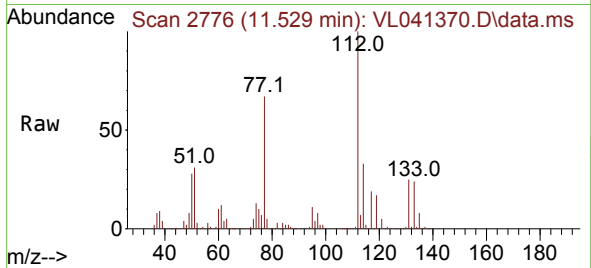
119 61.7 49.4 74.0



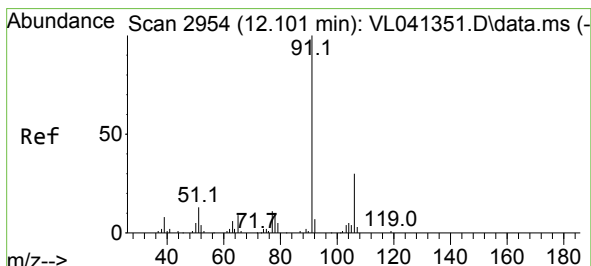
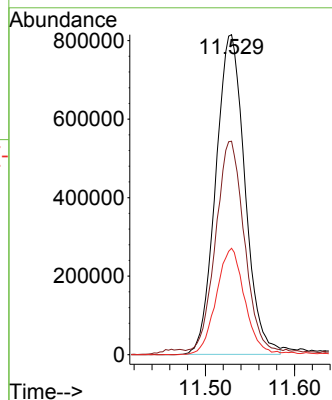
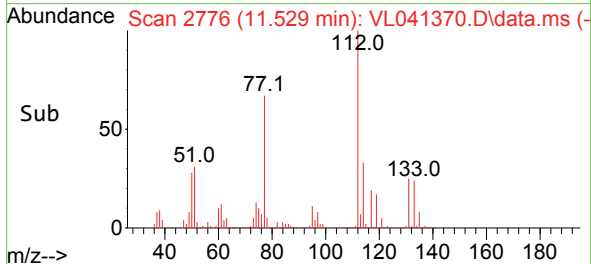


#57
Chlorobenzene
Concen: 7.205 ppbv
RT: 11.529 min Scan# 21
Delta R.T. -0.003 min
Lab File: VL041370.D
Acq: 1 Jul 2024 16:27

Instrument :
MSVOA_L
ClientSampleId :

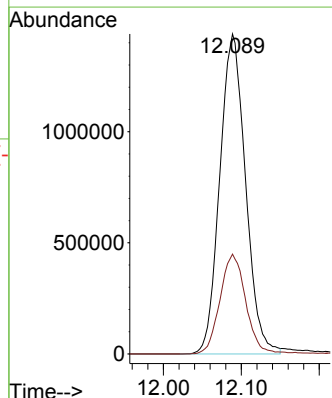
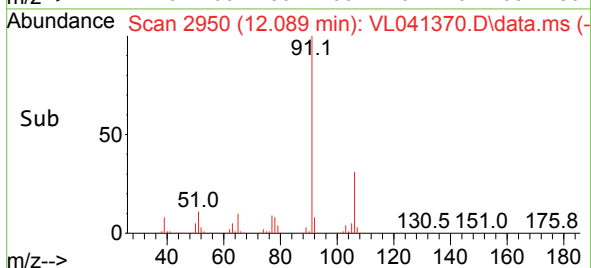
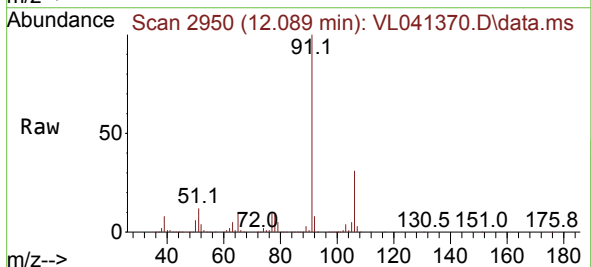


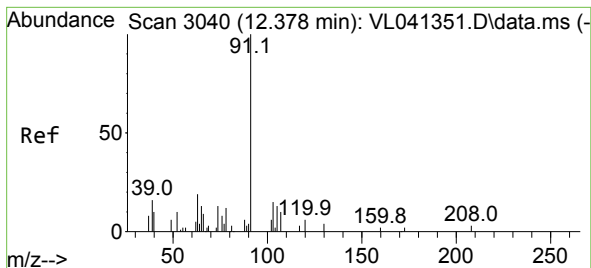
Tgt Ion:112 Resp: 1851718
Ion Ratio Lower Upper
112 100
77 65.1 53.2 79.8
114 33.2 30.1 36.7



#58
Ethyl Benzene
Concen: 7.545 ppbv
RT: 12.089 min Scan# 2950
Delta R.T. -0.003 min
Lab File: VL041370.D
Acq: 1 Jul 2024 16:27

Tgt Ion: 91 Resp: 3306992
Ion Ratio Lower Upper
91 100
106 31.2 25.4 38.0





#59

m/p-Xylene

Concen: 9.354 ppbv

RT: 12.375 min Scan# 3040

Delta R.T. 0.000 min

Lab File: VL041370.D

Acq: 1 Jul 2024 16:27

Instrument :

MSVOA_L

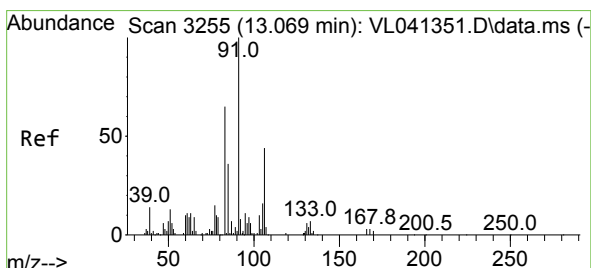
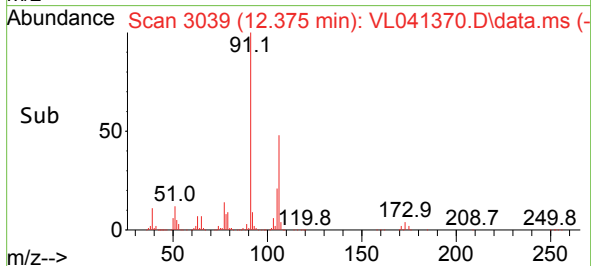
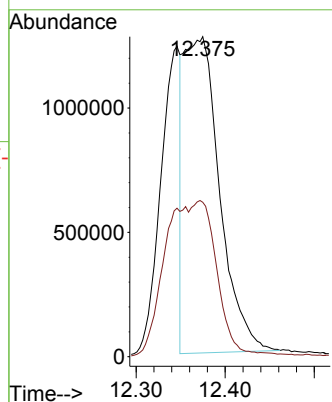
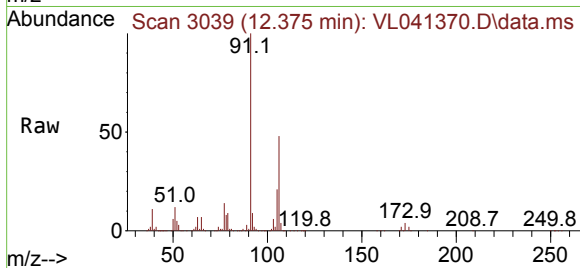
ClientSampleId :

Tgt Ion: 91 Resp: 3548116

Ion Ratio Lower Upper

91 100

106 72.5 35.6 53.4#



#60

o-Xylene

Concen: 7.363 ppbv

RT: 13.057 min Scan# 3251

Delta R.T. -0.006 min

Lab File: VL041370.D

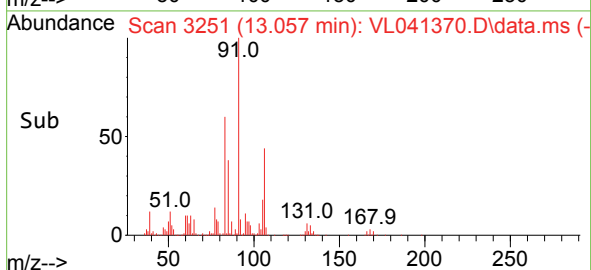
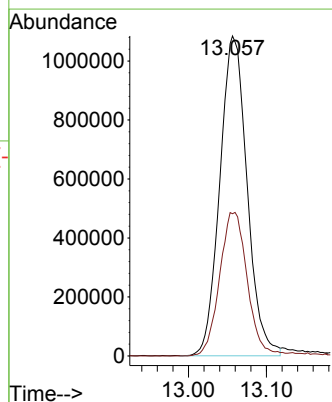
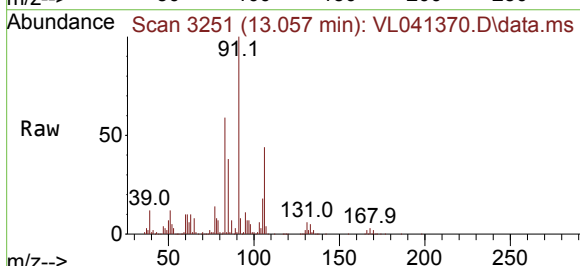
Acq: 1 Jul 2024 16:27

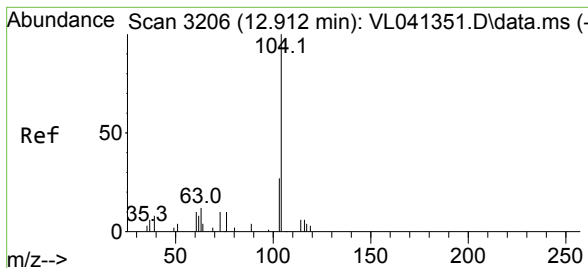
Tgt Ion: 91 Resp: 2635869

Ion Ratio Lower Upper

91 100

106 46.7 23.3 69.8





#61

Styrene

Concen: 8.091 ppbv

RT: 12.899 min Scan# 31

Delta R.T. 0.000 min

Lab File: VL041370.D

Acq: 1 Jul 2024 16:27

Instrument :

MSVOA_L

ClientSampleId :

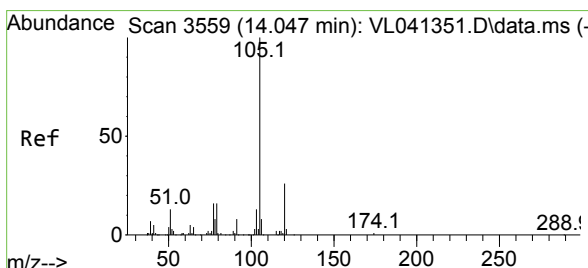
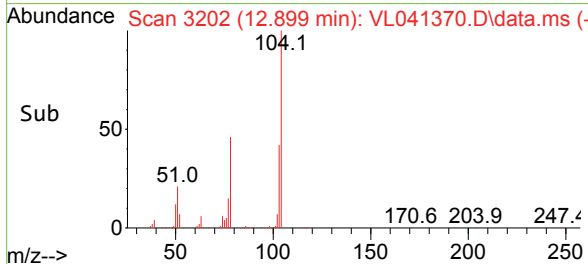
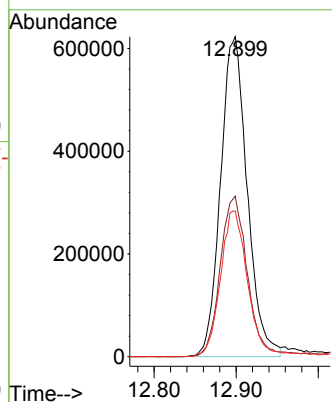
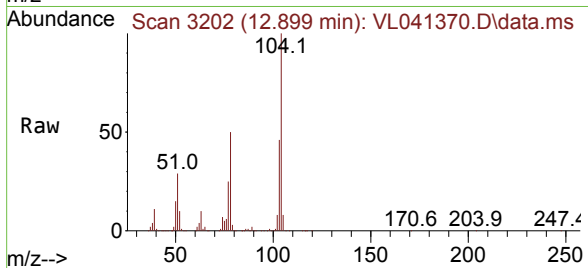
Tgt Ion:104 Resp: 1406692

Ion Ratio Lower Upper

104 100

78 51.9 40.6 61.0

103 47.0 37.4 56.0



#62

Isopropylbenzene

Concen: 7.274 ppbv

RT: 14.028 min Scan# 3553

Delta R.T. -0.006 min

Lab File: VL041370.D

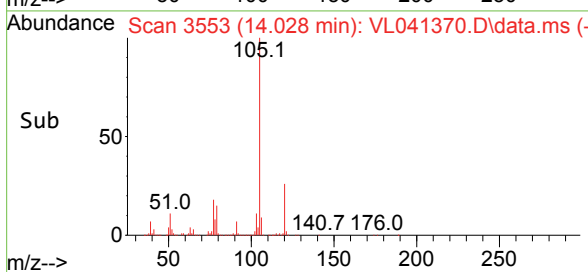
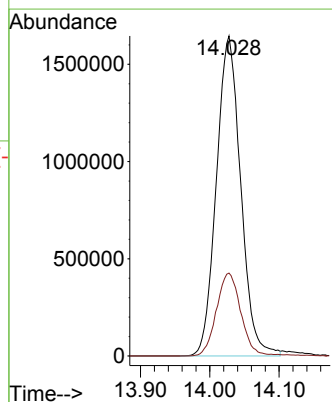
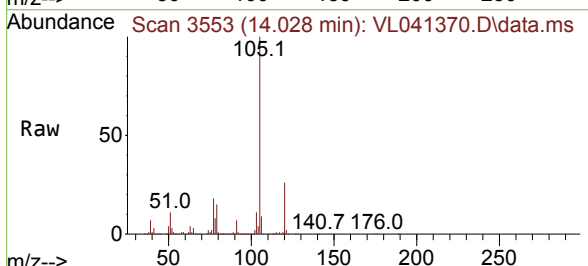
Acq: 1 Jul 2024 16:27

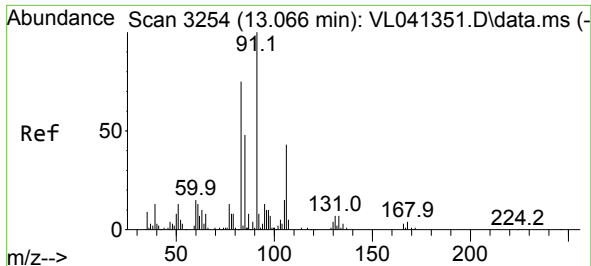
Tgt Ion:105 Resp: 4020435

Ion Ratio Lower Upper

105 100

120 26.3 20.9 31.3

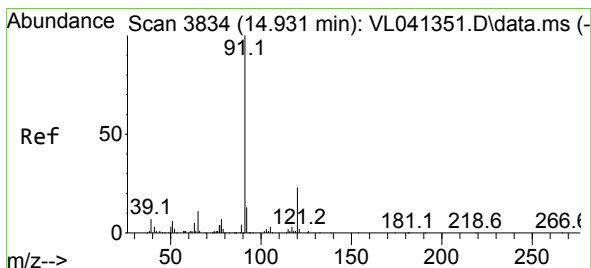
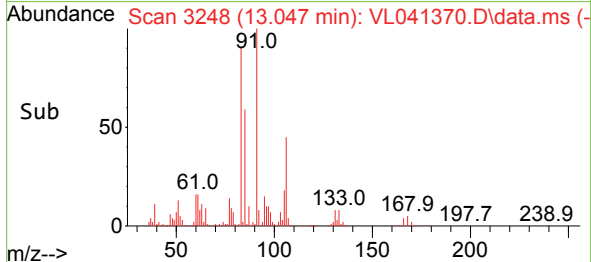
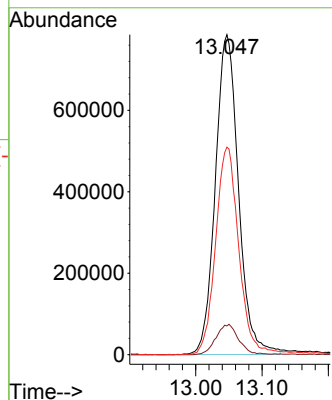
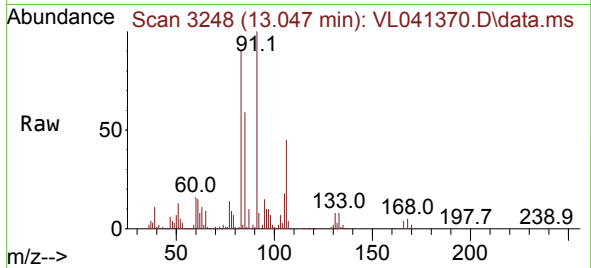




#63
1,1,2,2-Tetrachloroethane
Concen: 6.732 ppbv
RT: 13.047 min Scan# 31
Delta R.T. -0.006 min
Lab File: VL041370.D
Acq: 1 Jul 2024 16:27

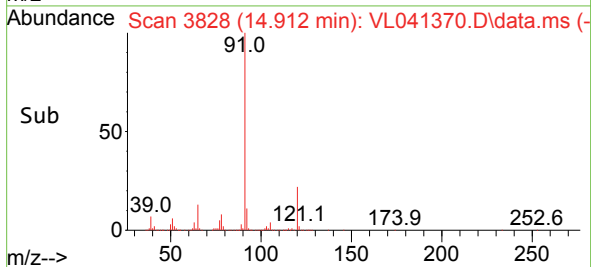
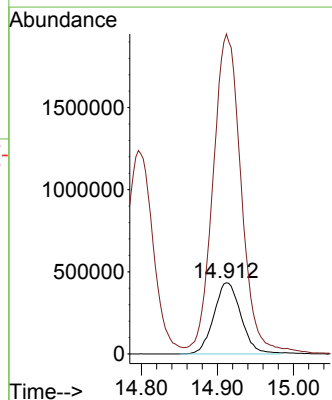
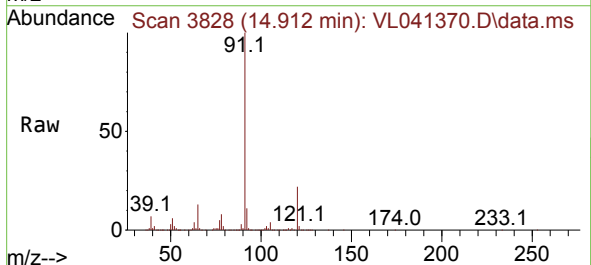
Instrument :
MSVOA_L
ClientSampleId :

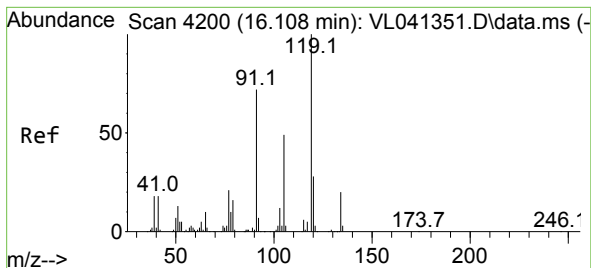
Tgt Ion: 83 Resp: 1898626
Ion Ratio Lower Upper
83 100
131 9.5 4.8 14.4
85 65.8 33.0 98.9



#64
n-propylbenzene
Concen: 7.448 ppbv
RT: 14.912 min Scan# 3828
Delta R.T. -0.010 min
Lab File: VL041370.D
Acq: 1 Jul 2024 16:27

Tgt Ion:120 Resp: 1074511
Ion Ratio Lower Upper
120 100
91 469.3 378.4 567.6

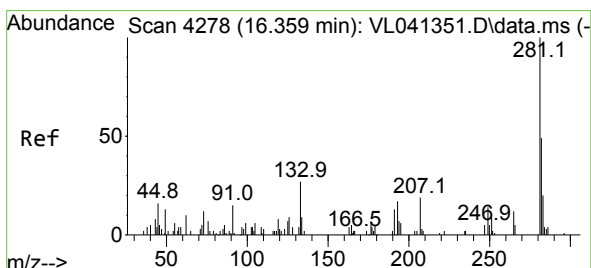
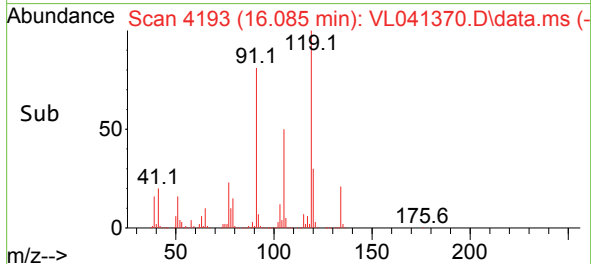
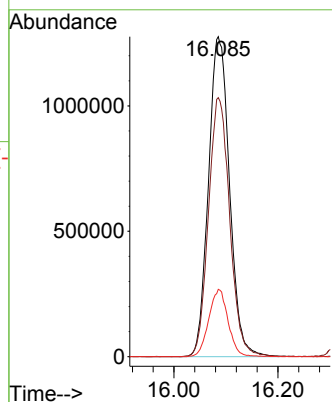
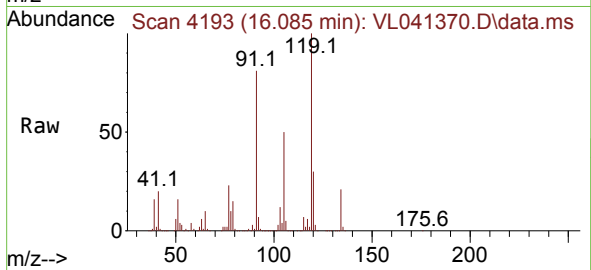




#65
tert-Butylbenzene
Concen: 7.303 ppbv
RT: 16.085 min Scan# 4193
Delta R.T. -0.006 min
Lab File: VL041370.D
Acq: 1 Jul 2024 16:27

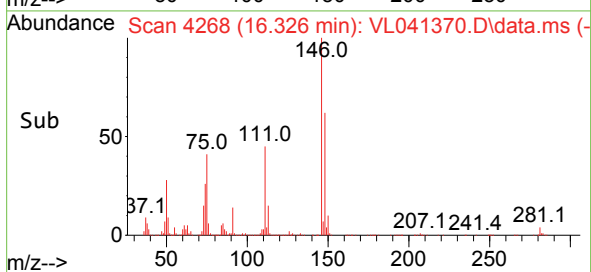
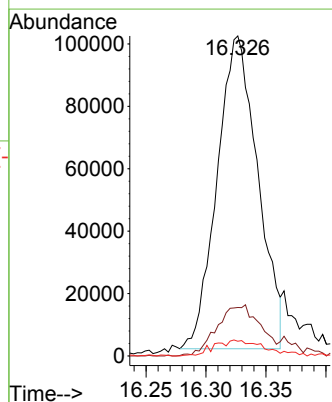
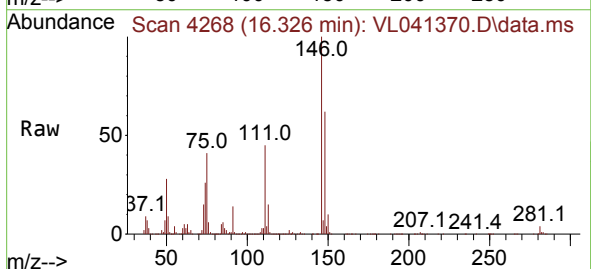
Instrument :
MSVOA_L
ClientSampleId :

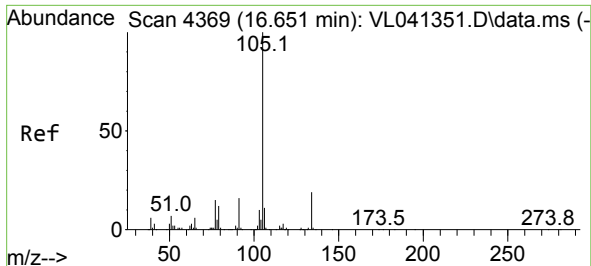
Tgt Ion:119 Resp: 3593804
Ion Ratio Lower Upper
119 100
91 81.7 65.8 98.6
134 19.3 15.7 23.5



#66
Benzyl Chloride
Concen: 7.317 ppbv
RT: 16.326 min Scan# 4268
Delta R.T. -0.003 min
Lab File: VL041370.D
Acq: 1 Jul 2024 16:27

Tgt Ion: 91 Resp: 236619
Ion Ratio Lower Upper
91 100
126 20.7 15.4 23.0
128 6.5 5.0 7.4





#67

sec-Butylbenzene

Concen: 7.318 ppbv

RT: 16.632 min Scan# 41

Delta R.T. -0.003 min

Lab File: VL041370.D

Acq: 1 Jul 2024 16:27

Instrument :

MSVOA_L

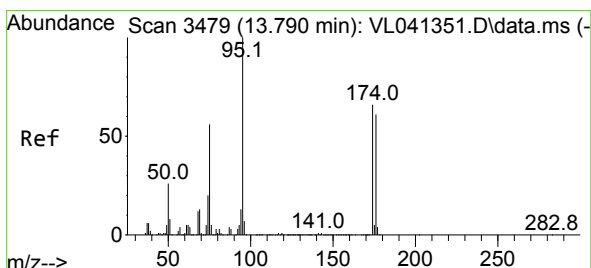
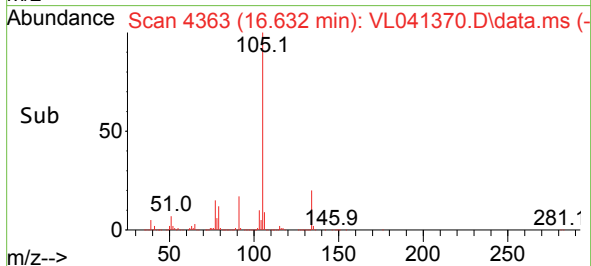
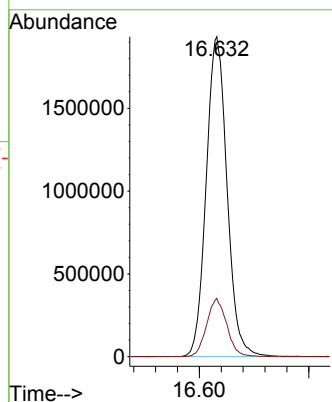
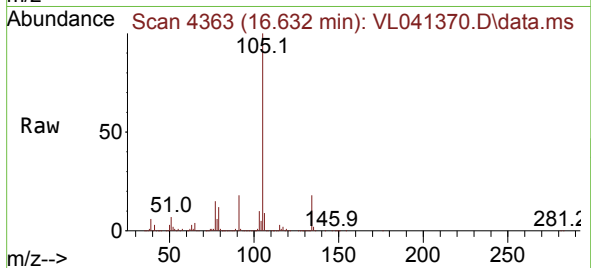
ClientSampleId :

Tgt Ion:105 Resp: 5093350

Ion Ratio Lower Upper

105 100

134 17.6 14.2 21.2



#68

1-Bromo-4-Fluorobenzene

Concen: 8.079 ppbv

RT: 13.774 min Scan# 3474

Delta R.T. -0.003 min

Lab File: VL041370.D

Acq: 1 Jul 2024 16:27

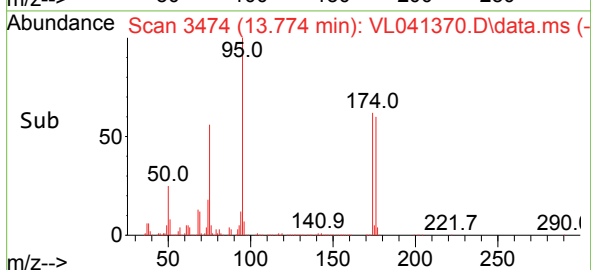
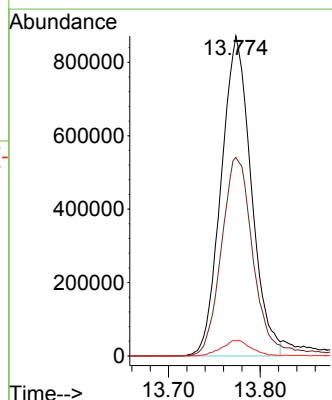
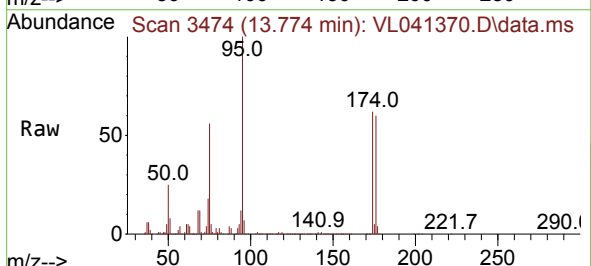
Tgt Ion: 95 Resp: 1983839

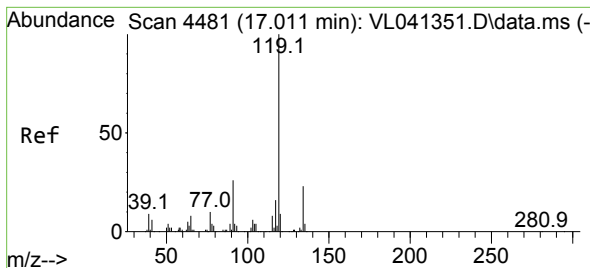
Ion Ratio Lower Upper

95 100

174 67.8 53.1 79.7

175 5.1 4.0 6.0





#69

p-Isopropyltoluene

Concen: 7.340 ppbv

RT: 16.989 min Scan# 4481

Delta R.T. -0.006 min

Lab File: VL041370.D

Acq: 1 Jul 2024 16:27

Instrument :

MSVOA_L

ClientSampleId :

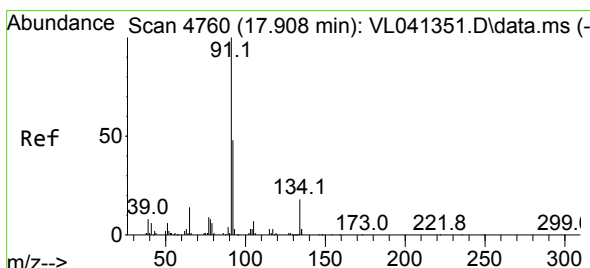
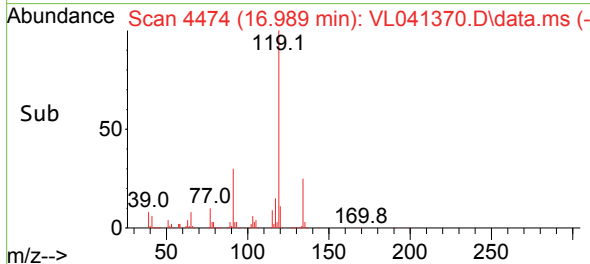
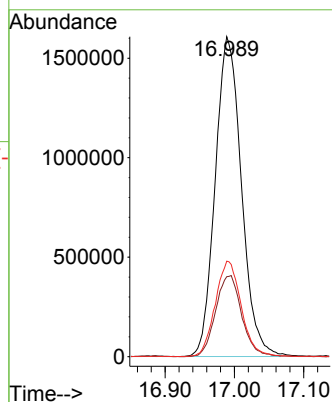
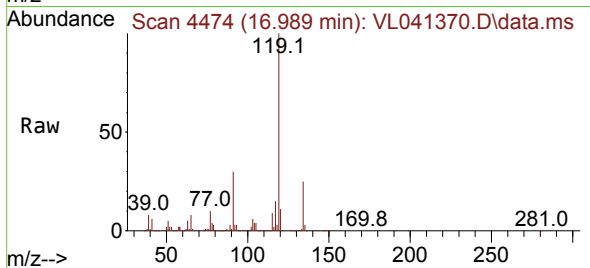
Tgt Ion:119 Resp: 4219231

Ion Ratio Lower Upper

119 100

134 25.5 20.0 30.0

91 29.5 23.7 35.5



#70

n-Butylbenzene

Concen: 7.474 ppbv

RT: 17.886 min Scan# 4753

Delta R.T. 0.000 min

Lab File: VL041370.D

Acq: 1 Jul 2024 16:27

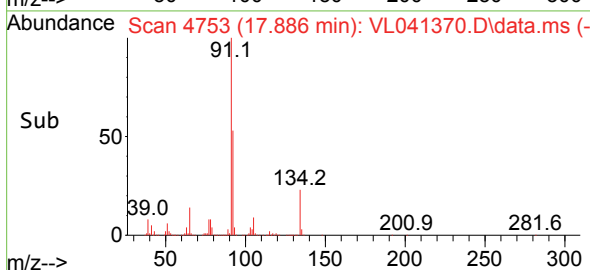
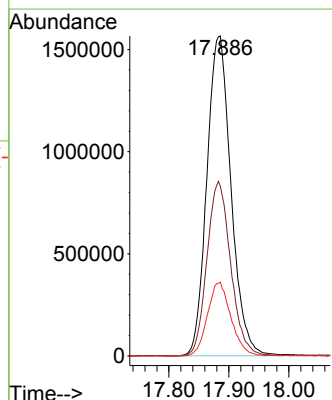
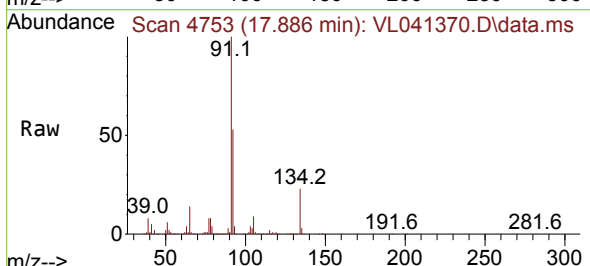
Tgt Ion: 91 Resp: 4391811

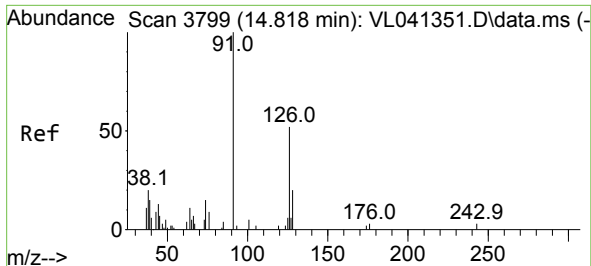
Ion Ratio Lower Upper

91 100

92 53.7 43.0 64.6

134 22.5 18.0 27.0

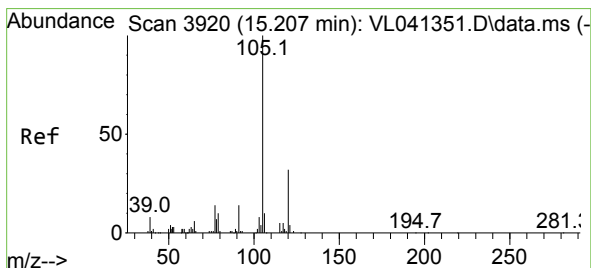
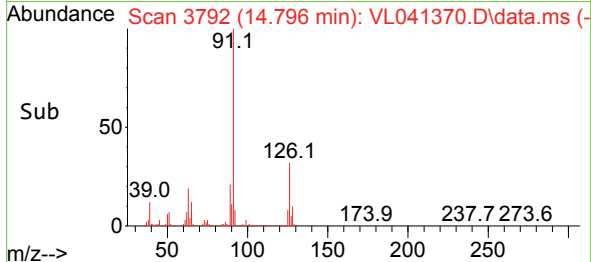
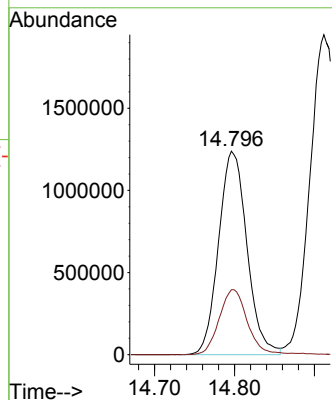
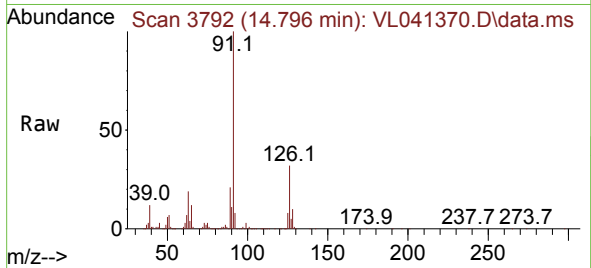




#71
2-Chlorotoluene
Concen: 7.428 ppbv
RT: 14.796 min Scan# 31
Delta R.T. -0.006 min
Lab File: VL041370.D
Acq: 1 Jul 2024 16:27

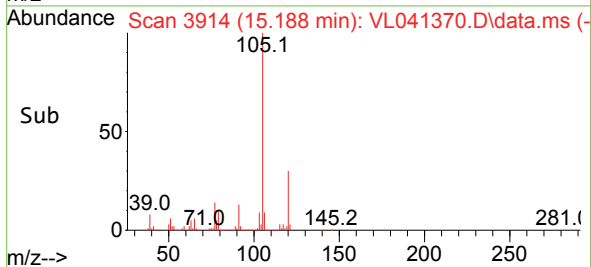
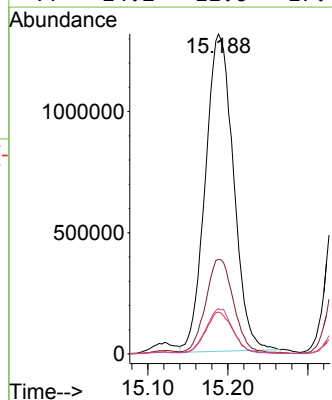
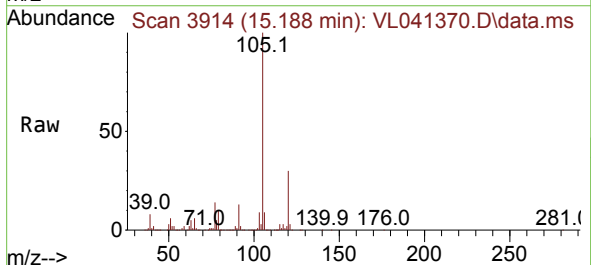
Instrument :
MSVOA_L
ClientSampleId :

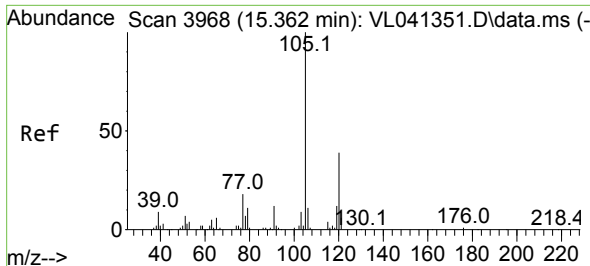
Tgt Ion: 91 Resp: 3049605
Ion Ratio Lower Upper
91 100
126 32.4 12.9 51.7



#72
4-Ethyltoluene
Concen: 7.510 ppbv
RT: 15.188 min Scan# 3914
Delta R.T. -0.006 min
Lab File: VL041370.D
Acq: 1 Jul 2024 16:27

Tgt Ion:105 Resp: 3202321
Ion Ratio Lower Upper
105 100
120 30.4 24.2 36.4
91 12.8 10.2 15.2
77 14.2 11.6 17.4

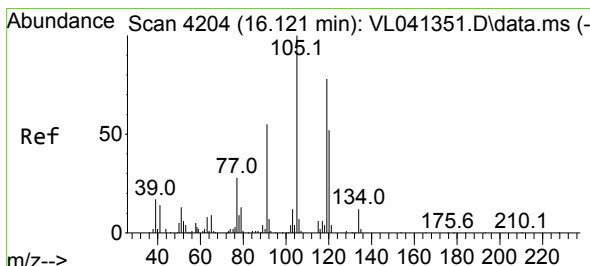
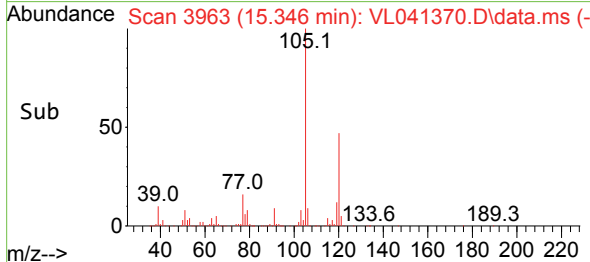
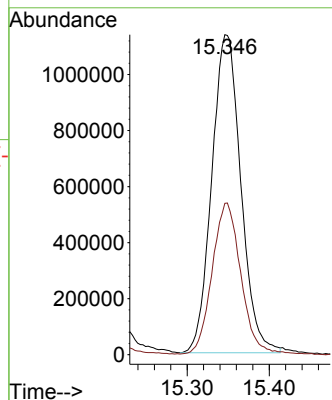
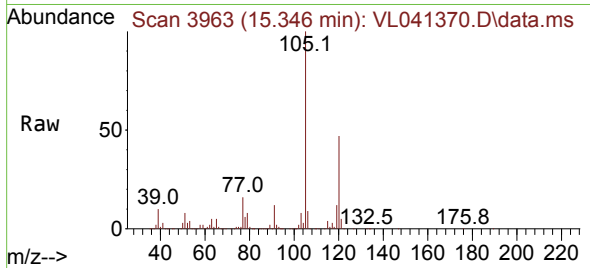




#73
 1,3,5-Trimethylbenzene
 Concen: 7.671 ppbv
 RT: 15.346 min Scan# 3963
 Delta R.T. -0.006 min
 Lab File: VL041370.D
 Acq: 1 Jul 2024 16:27

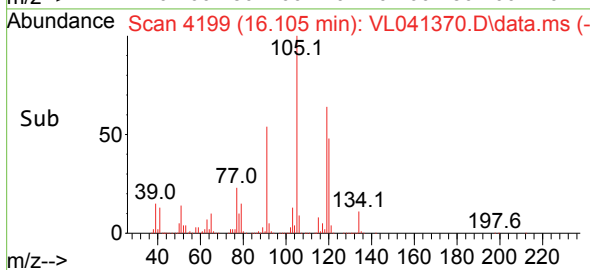
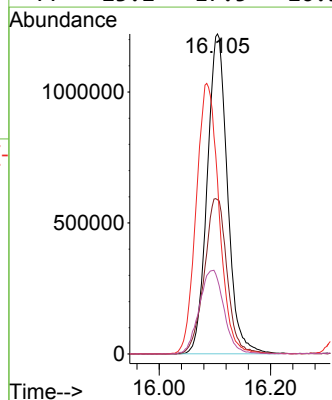
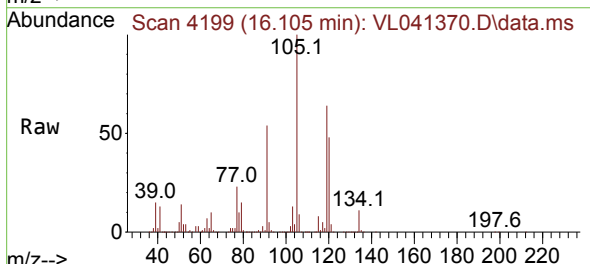
Instrument :
 MSVOA_L
 ClientSampleId :

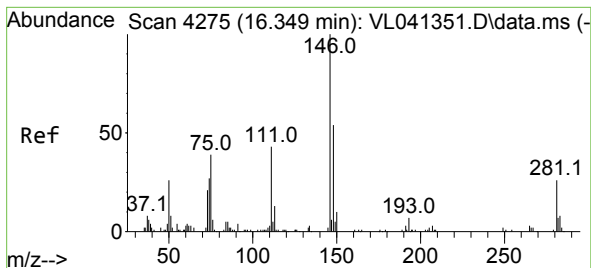
Tgt Ion:105 Resp: 2799875
 Ion Ratio Lower Upper
 105 100
 120 47.4 37.3 55.9



#74
 1,2,4-Trimethylbenzene
 Concen: 7.496 ppbv
 RT: 16.105 min Scan# 4199
 Delta R.T. -0.003 min
 Lab File: VL041370.D
 Acq: 1 Jul 2024 16:27

Tgt Ion:105 Resp: 3082734
 Ion Ratio Lower Upper
 105 100
 120 48.1 37.8 56.8
 91 54.3 38.0 57.0
 77 23.2 17.5 26.3

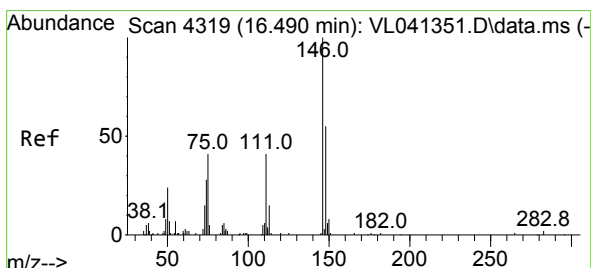
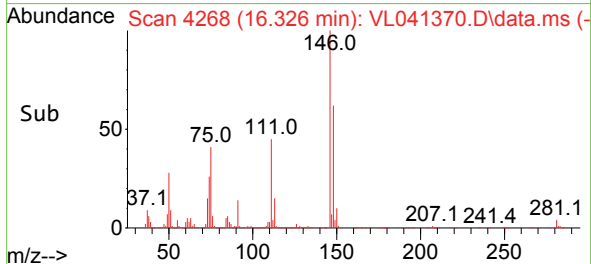
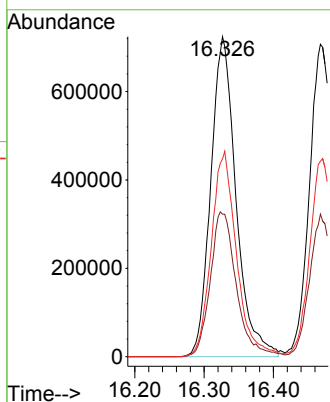
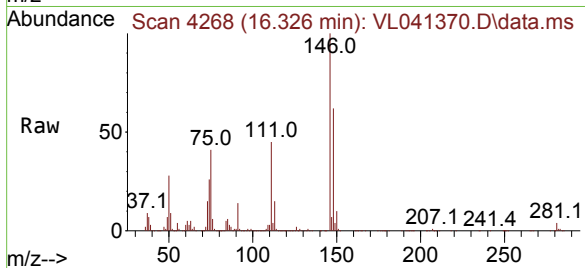




#75
1,3-Dichlorobenzene
Concen: 7.519 ppbv
RT: 16.326 min Scan# 4312
Delta R.T. -0.006 min
Lab File: VL041370.D
Acq: 1 Jul 2024 16:27

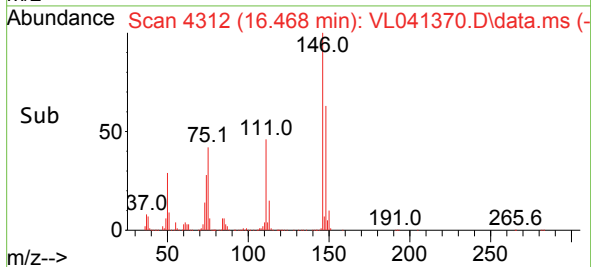
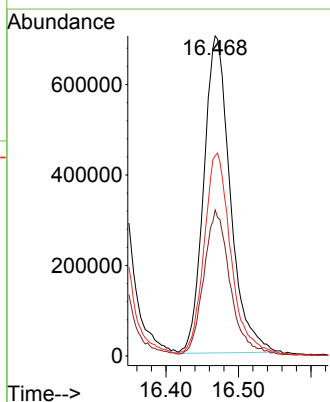
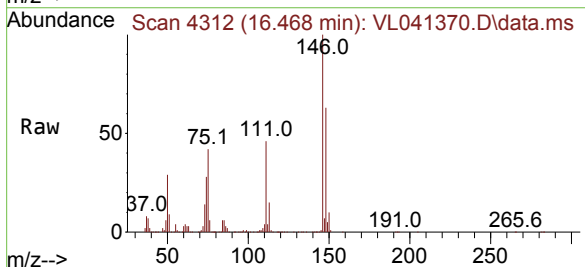
Instrument :
MSVOA_L
ClientSampleId :

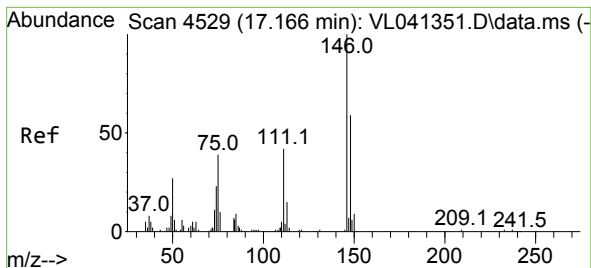
Tgt Ion:146 Resp: 1834362
Ion Ratio Lower Upper
146 100
111 46.6 23.5 70.5
148 64.0 32.3 96.9



#76
1,4-Dichlorobenzene
Concen: 7.303 ppbv
RT: 16.468 min Scan# 4312
Delta R.T. -0.006 min
Lab File: VL041370.D
Acq: 1 Jul 2024 16:27

Tgt Ion:146 Resp: 1775080
Ion Ratio Lower Upper
146 100
111 46.4 22.9 68.8
148 66.3 32.8 98.3





#77

1,2-Dichlorobenzene

Concen: 7.226 ppbv

RT: 17.140 min Scan# 4521

Delta R.T. -0.003 min

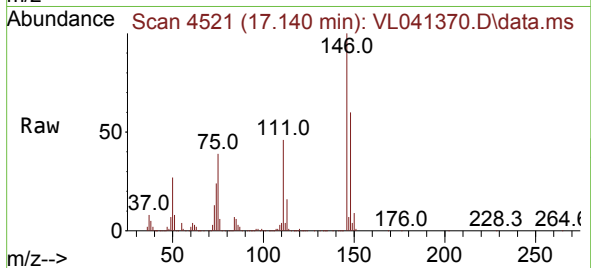
Lab File: VL041370.D

Acq: 1 Jul 2024 16:27

Instrument :

MSVOA_L

ClientSampleId :



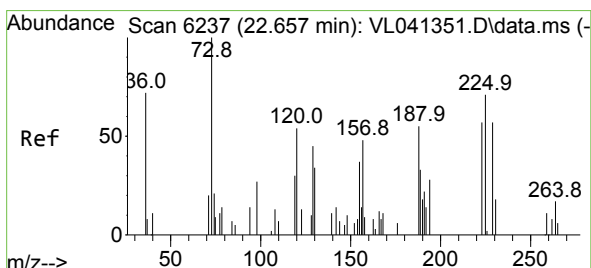
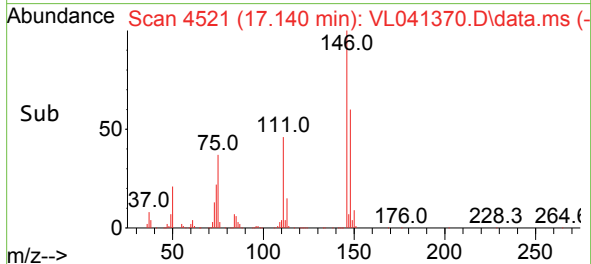
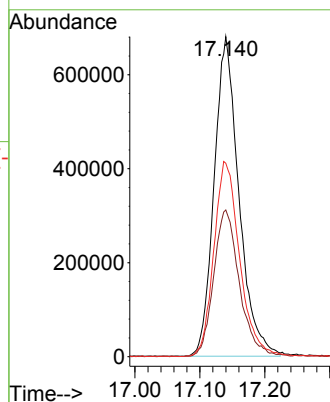
Tgt Ion:146 Resp: 1797414

Ion Ratio Lower Upper

146 100

111 48.0 24.1 72.2

148 63.6 31.9 95.9



#78

Hexachloro-1,3-Butadiene

Concen: 4.150 ppbv

RT: 22.635 min Scan# 6230

Delta R.T. -0.006 min

Lab File: VL041370.D

Acq: 1 Jul 2024 16:27

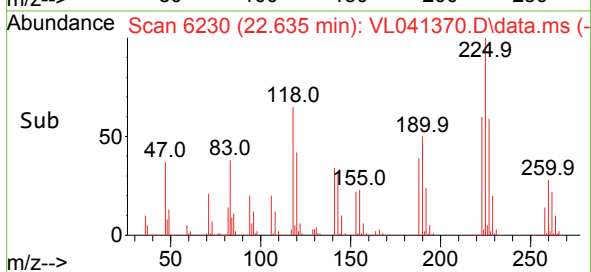
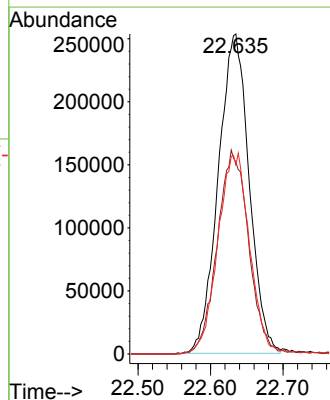
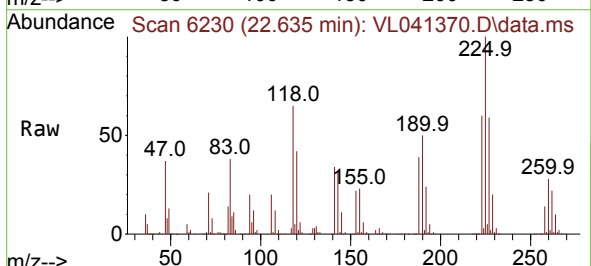
Tgt Ion:225 Resp: 750775

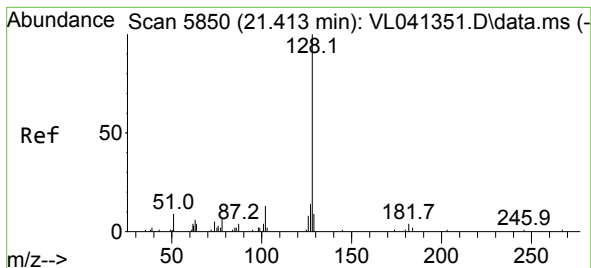
Ion Ratio Lower Upper

225 100

223 65.4 51.3 76.9

227 64.8 51.8 77.8





#79

Naphthalene

Concen: 4.616 ppbv

RT: 21.387 min Scan# 5842

Delta R.T. -0.006 min

Lab File: VL041370.D

Acq: 1 Jul 2024 16:27

Instrument :

MSVOA_L

ClientSampleId :

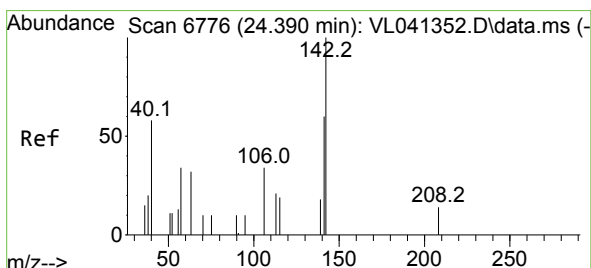
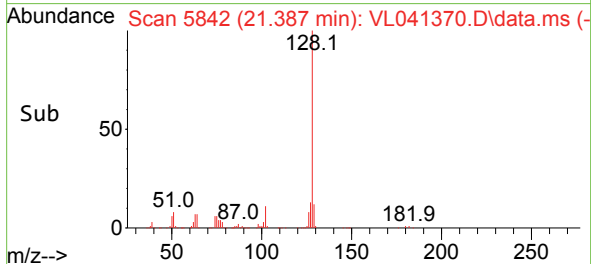
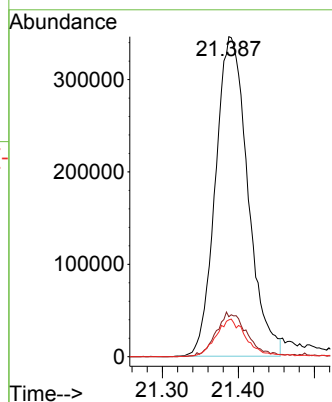
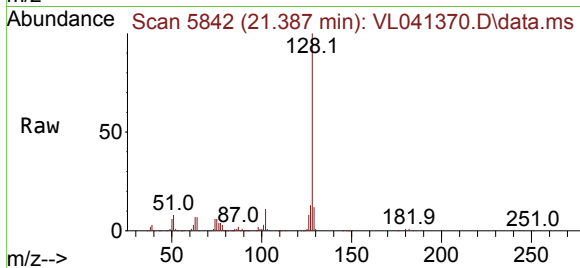
Tgt Ion:128 Resp: 1021034

Ion Ratio Lower Upper

128 100

127 12.4 10.8 16.2

129 11.5 9.0 13.4



#80

Naphthalene,2-methyl-

Concen: 0.747 ppbv

RT: 24.358 min Scan# 6766

Delta R.T. -0.013 min

Lab File: VL041370.D

Acq: 1 Jul 2024 16:27

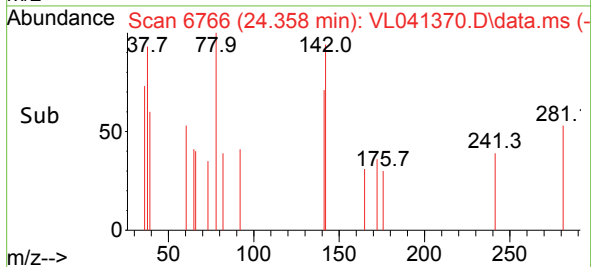
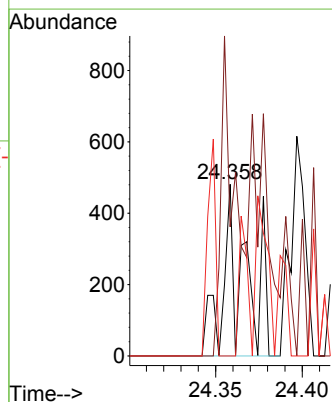
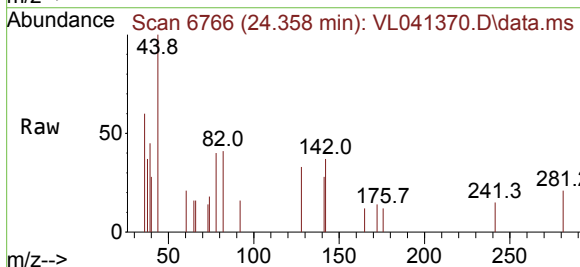
Tgt Ion:142 Resp: 435

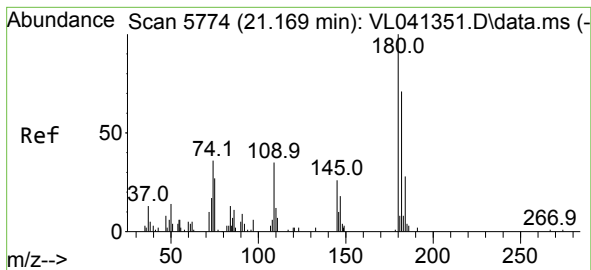
Ion Ratio Lower Upper

142 100

141 242.8 37.9 56.9#

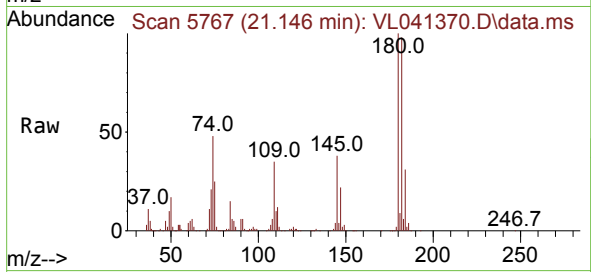
115 44.4 11.0 16.4#





#81
 1,2,4-Trichlorobenzene
 Concen: 4.841 ppbv
 RT: 21.146 min Scan# 51
 Delta R.T. -0.006 min
 Lab File: VL041370.D
 Acq: 1 Jul 2024 16:27

Instrument :
 MSVOA_L
 ClientSampleId :



Tgt Ion:180 Resp: 661804

Ion	Ratio	Lower	Upper
180	100		
182	97.1	78.1	117.1
184	30.7	25.2	37.8

