

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL061124\
 Data File : VL041342.D
 Acq On : 11 Jun 2024 11:36
 Operator : SY/MD
 Sample : VL0611ABS01
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :

Quant Time: Jun 12 01:21:31 2024

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL060424AIR.M

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022

QLast Update : Wed Jun 12 01:18:29 2024

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.211	49	1095750	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.671	114	2955100	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.478	117	3572916	10.000	ppbv	# 0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene 13.780 95 2164232 7.845 ppbv 0.00
 Spiked Amount 10.000 Range 65 - 135 Recovery = 78.500%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.767	85	1637196	9.356	ppbv	98
3) Chlorodifluoromethane	2.713	51	1717041	9.916	ppbv	100
4) Chloromethane	2.848	50	670594	10.289	ppbv	98
5) Vinyl Chloride	2.954	62	693738	10.566	ppbv	99
6) Bromomethane	3.150	94	210972	9.037	ppbv	95
7) Chloroethane	3.227	64	239981	10.616	ppbv	92
8) Dichlorotetrafluoroethane	2.893	85	1640440	10.194	ppbv	96
9) Propene	2.729	41	615504	9.979	ppbv	98
10) Heptane	7.594	43	1490060	10.193	ppbv	98
11) Trichlorofluoromethane	3.591	101	1658174	10.308	ppbv	98
12) 1,1,2-Trichlorotrifluo...	4.092	101	1170308	10.300	ppbv	95
13) Ethanol	3.275	45	131028	8.166	ppbv	97
14) Bromoethene	3.398	108	491422	10.687	ppbv	97
15) Acetone	3.497	43	1258640	10.061	ppbv	99
16) 1,3-Butadiene	3.018	39	673929	10.716	ppbv	98
17) tert-Butyl alcohol	3.902	59	1234576	10.718	ppbv	99
18) 1,1-Dichloroethene	3.909	96	529058	10.916	ppbv	90
19) Isopropyl Alcohol	3.603	45	829788	10.557	ppbv #	98
20) Methylene Chloride	3.960	84	433179	9.526	ppbv	98
21) Allyl Chloride	4.021	41	831653	10.493	ppbv	98
22) trans-1,2-Dichloroethene	4.468	96	555824	11.004	ppbv	98
23) Vinyl Acetate	4.648	43	1423018	11.122	ppbv	99
24) 1,1-Dichloroethane	4.587	63	1167629	10.374	ppbv	99
25) Ethyl Acetate	5.224	43	2459903	9.939	ppbv	99
26) Hexane	5.234	57	1097469	9.860	ppbv	99
27) Carbon Disulfide	4.150	76	1449734	11.759	ppbv	100
28) Methyl tert-Butyl Ether	4.607	73	841973	10.207	ppbv	99
29) Chloroform	5.295	83	1710020	10.014	ppbv	100
30) Cyclohexane	6.616	84	929971	10.308	ppbv	96
31) cis-1,2-Dichloroethene	5.099	61	1092543	10.388	ppbv	97
32) 1,1,1-Trichloroethane	6.021	97	1710761	10.576	ppbv	99
34) 2-Butanone	4.806	43	1400786	9.895	ppbv	99
35) Carbon Tetrachloride	6.510	117	1801785	10.728	ppbv	98
36) Benzene	6.388	78	2310098	10.086	ppbv	98
37) 1,2-Dichloroethane	5.825	62	1333509	9.986	ppbv	99
38) Trichloroethene	7.307	130	922583	9.939	ppbv	98
39) 1,2-Dichloropropane	7.089	63	895210	9.815	ppbv	99
40) 1,4-Dioxane	7.301	88	300617	9.000	ppbv #	1
41) Tetrahydrofuran	5.574	42	950987	10.324	ppbv	99
42) Bromodichloromethane	7.266	83	1949700	10.166	ppbv	98
43) Methyl Methacrylate	7.488	69	926251	10.613	ppbv	99
44) 2,2,4-Trimethylpentane	7.343	57	3855377	9.787	ppbv	99
45) t-1,3-Dichloropropene	8.722	75	598722	10.167	ppbv	92

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL061124\
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 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

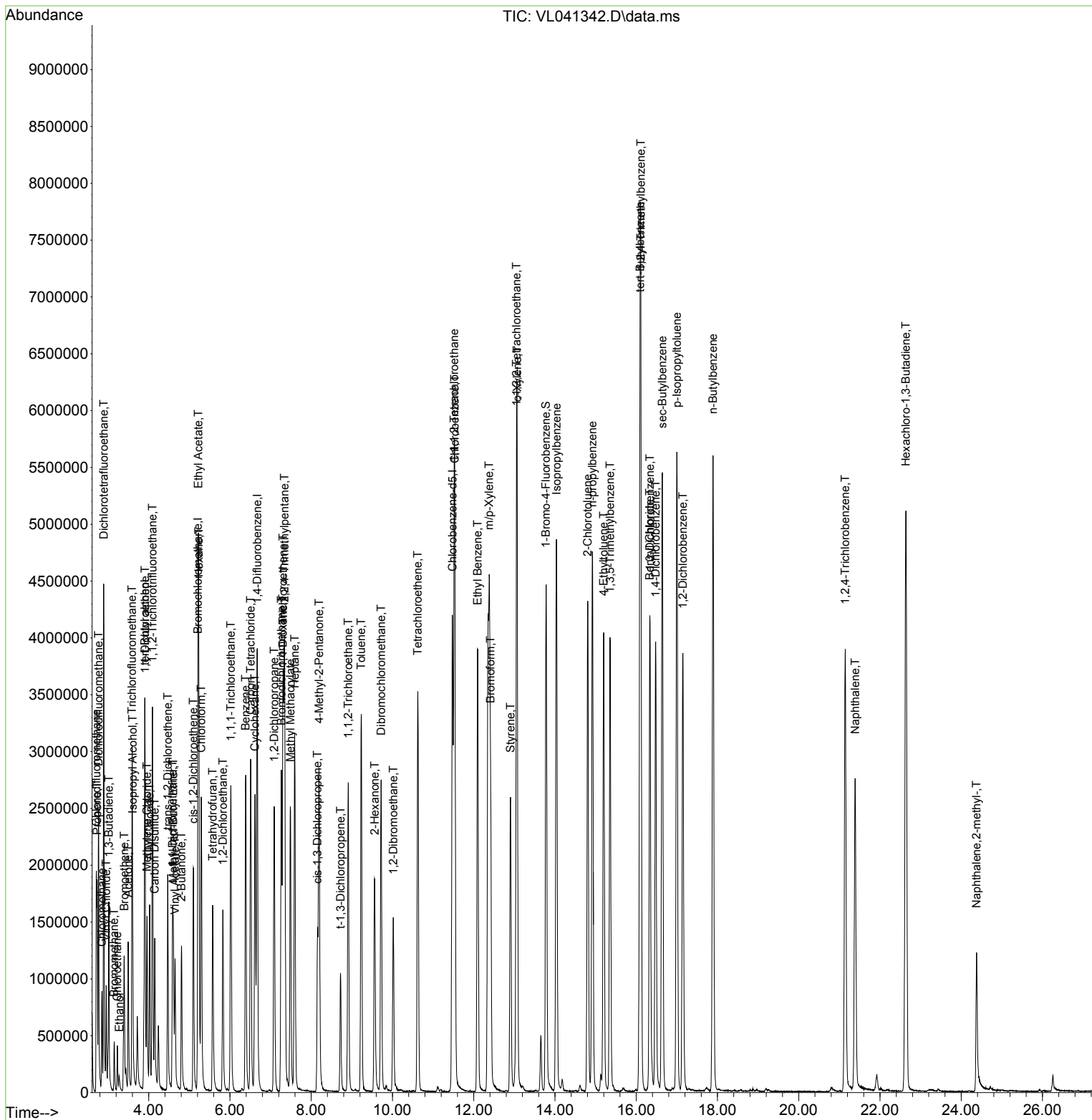
Instrument :
 MSVOA_L
 ClientSampleId :

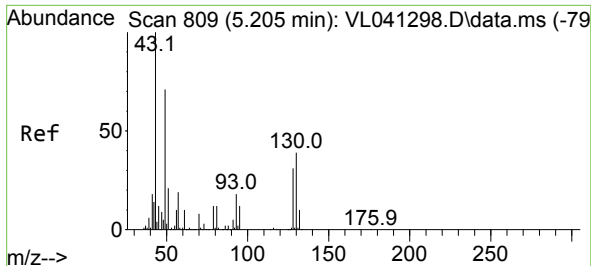
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 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL060424AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Wed Jun 12 01:18:29 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.156	75	776377	10.242	ppbv	99
47) 1,1,2-Trichloroethane	8.912	97	978825	10.270	ppbv	99
48) Dibromochloromethane	9.722	129	1720954	10.956	ppbv	100
49) Bromoform	12.413	173	1473141	11.638	ppbv	100
50) 4-Methyl-2-Pentanone	8.192	43	2398317	10.234	ppbv	99
51) 2-Hexanone	9.561	43	1758143	10.555	ppbv #	99
52) Tetrachloroethene	10.622	164	880340	10.539	ppbv	99
53) Toluene	9.230	91	2728205	10.355	ppbv	100
54) 1,2-Dibromoethane	10.018	107	1300234	10.464	ppbv	97
56) 1,1,1,2-Tetrachloroethane	11.516	131	1260121	8.339	ppbv	99
57) Chlorobenzene	11.536	112	2102580	7.922	ppbv	99
58) Ethyl Benzene	12.098	91	3695389	8.069	ppbv	99
59) m/p-Xylene	12.381	91	3155579	8.042	ppbv #	31
60) o-Xylene	13.069	91	2971397	7.943	ppbv	99
61) Styrene	12.905	104	1594368	8.694	ppbv	99
62) Isopropylbenzene	14.037	105	4481914	7.922	ppbv	98
63) 1,1,2,2-Tetrachloroethane	13.053	83	2135188	8.023	ppbv	100
64) n-propylbenzene	14.921	120	1206730	8.276	ppbv	95
65) tert-Butylbenzene	16.098	119	3990740	7.935	ppbv	99
66) Benzyl Chloride	16.333	91	183729	5.552	ppbv #	93
67) sec-Butylbenzene	16.642	105	5614860	7.902	ppbv	99
69) p-Isopropyltoluene	17.002	119	4752257	8.116	ppbv	99
70) n-Butylbenzene	17.889	91	4923776	8.105	ppbv	99
71) 2-Chlorotoluene	14.806	91	3415782	7.889	ppbv	98
72) 4-Ethyltoluene	15.201	105	3586456	8.230	ppbv	99
73) 1,3,5-Trimethylbenzene	15.355	105	3146785	8.319	ppbv	98
74) 1,2,4-Trimethylbenzene	16.114	105	3443883	8.051	ppbv	95
75) 1,3-Dichlorobenzene	16.336	146	2126017	8.466	ppbv	100
76) 1,4-Dichlorobenzene	16.481	146	2086616	8.316	ppbv	99
77) 1,2-Dichlorobenzene	17.150	146	2070548	8.237	ppbv	99
78) Hexachloro-1,3-Butadiene	22.638	225	1523181	7.394	ppbv	100
79) Naphthalene	21.390	128	3537334	9.530	ppbv	100
80) Naphthalene,2-methyl-	24.378	142	959980	7.659	ppbv	99
81) 1,2,4-Trichlorobenzene	21.146	180	1790394	8.650	ppbv #	100

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

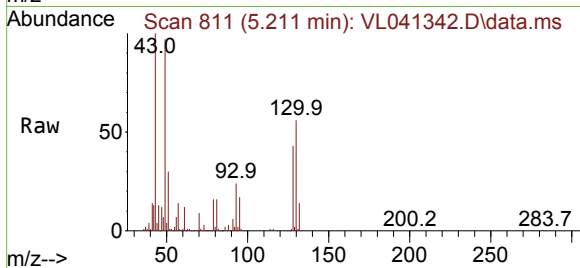
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QLast Update : Wed Jun 12 01:18:29 2024
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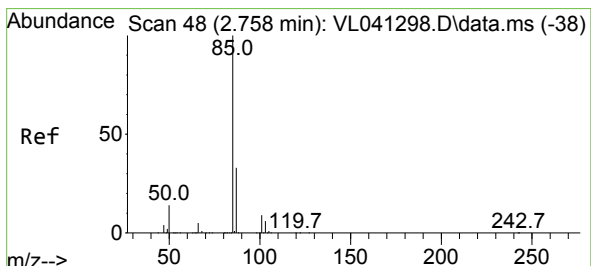
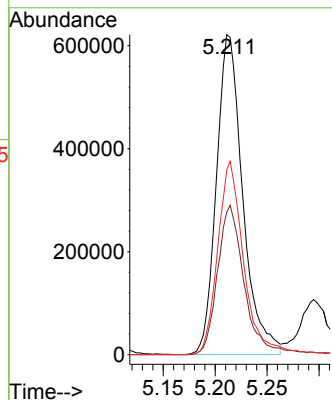
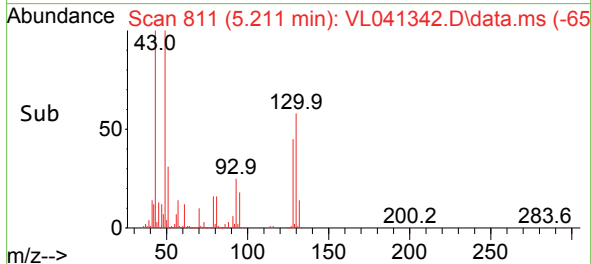


#1
 Bromochloromethane
 Concen: 10.000 ppbv
 RT: 5.211 min Scan# 81
 Delta R.T. 0.000 min
 Lab File: VL041342.D
 Acq: 11 Jun 2024 11:36

Instrument :
 MSVOA_L
 ClientSampleId :

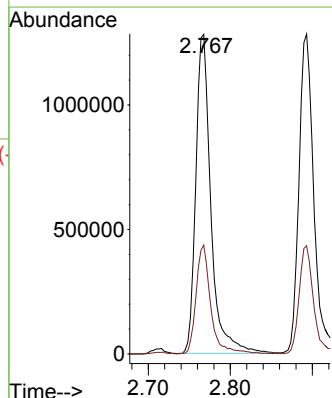
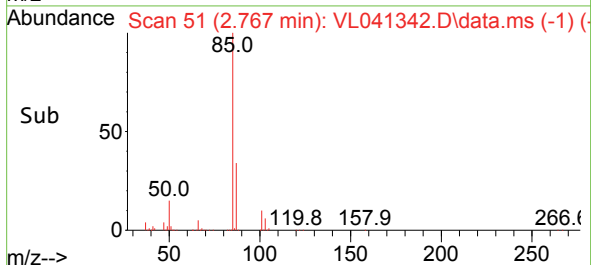
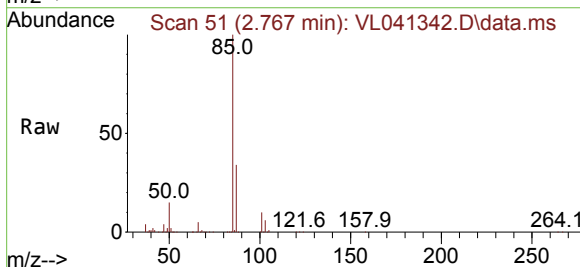


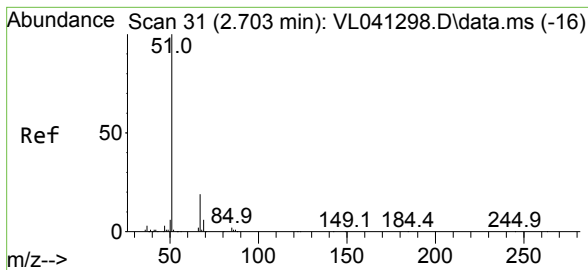
Tgt Ion: 49 Resp: 1095750
 Ion Ratio Lower Upper
 49 100
 128 48.5 22.8 68.3
 130 61.3 28.4 85.3



#2
 Dichlorodifluoromethane
 Concen: 9.356 ppbv
 RT: 2.767 min Scan# 51
 Delta R.T. 0.007 min
 Lab File: VL041342.D
 Acq: 11 Jun 2024 11:36

Tgt Ion: 85 Resp: 1637196
 Ion Ratio Lower Upper
 85 100
 87 34.0 26.5 39.7

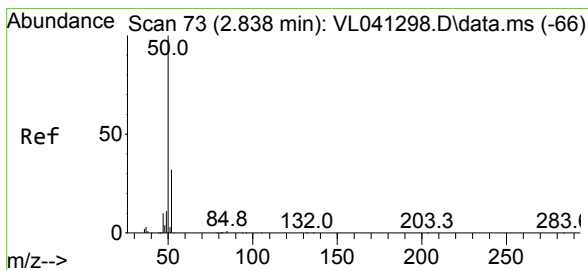
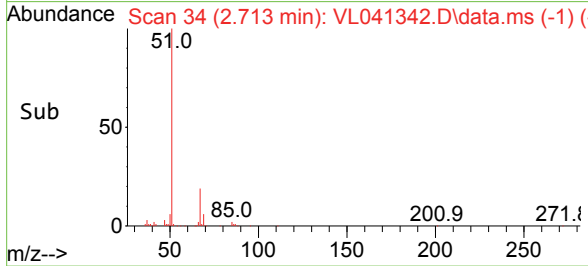
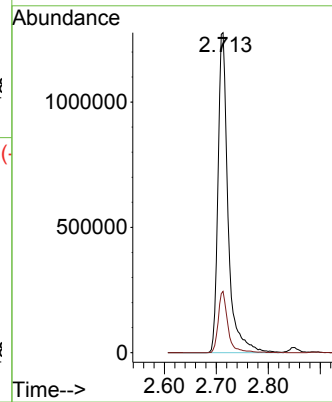
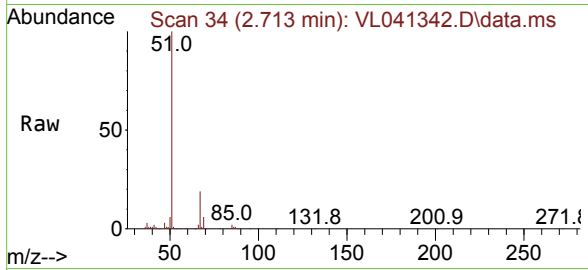




#3
 Chlorodifluoromethane
 Concen: 9.916 ppbv
 RT: 2.713 min Scan# 34
 Delta R.T. 0.007 min
 Lab File: VL041342.D
 Acq: 11 Jun 2024 11:36

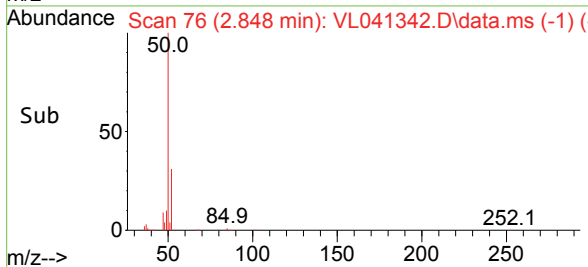
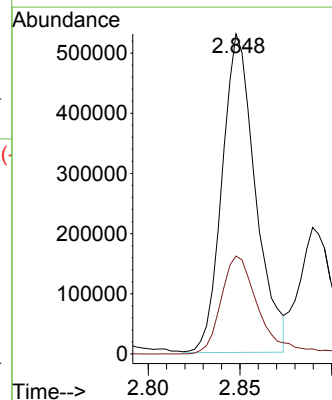
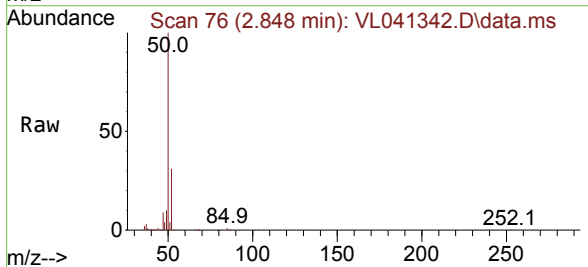
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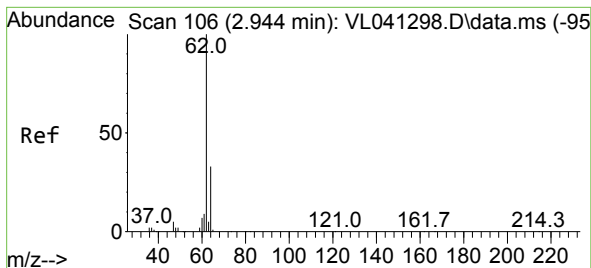
Tgt Ion: 51 Resp: 1717041
 Ion Ratio Lower Upper
 51 100
 67 18.5 14.7 22.1



#4
 Chloromethane
 Concen: 10.289 ppbv
 RT: 2.848 min Scan# 76
 Delta R.T. 0.003 min
 Lab File: VL041342.D
 Acq: 11 Jun 2024 11:36

Tgt Ion: 50 Resp: 670594
 Ion Ratio Lower Upper
 50 100
 52 30.7 25.6 38.4





#5

Vinyl Chloride

Concen: 10.566 ppbv

RT: 2.954 min Scan# 106

Delta R.T. 0.003 min

Lab File: VL041342.D

Acq: 11 Jun 2024 11:36

Instrument :

MSVOA_L

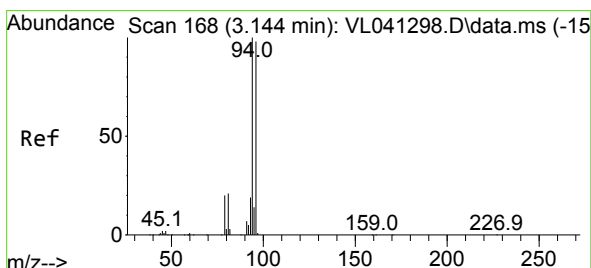
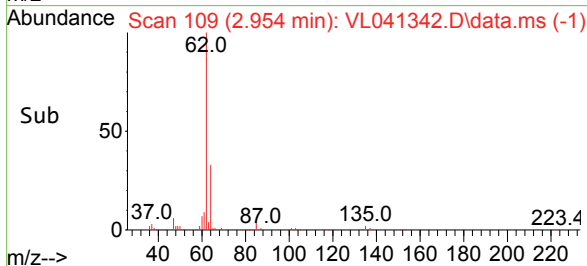
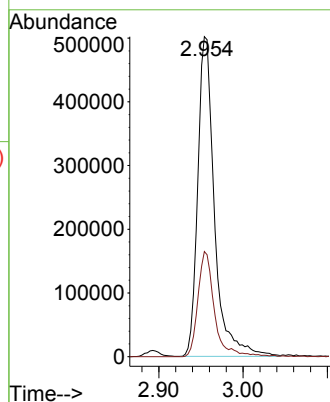
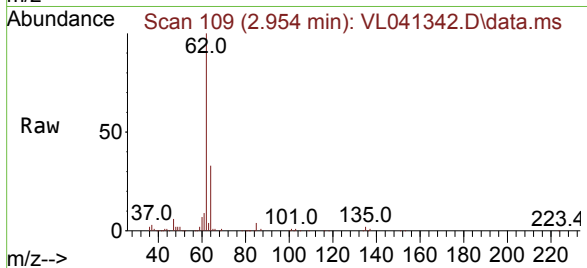
ClientSampleId :

Tgt Ion: 62 Resp: 693738

Ion Ratio Lower Upper

62 100

64 32.9 26.6 40.0



#6

Bromomethane

Concen: 9.037 ppbv

RT: 3.150 min Scan# 170

Delta R.T. 0.003 min

Lab File: VL041342.D

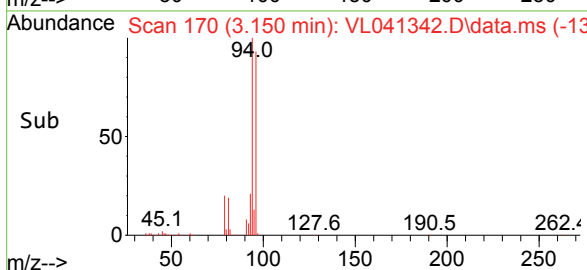
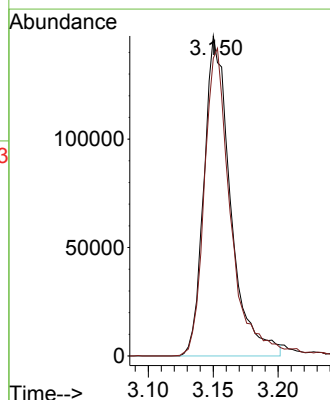
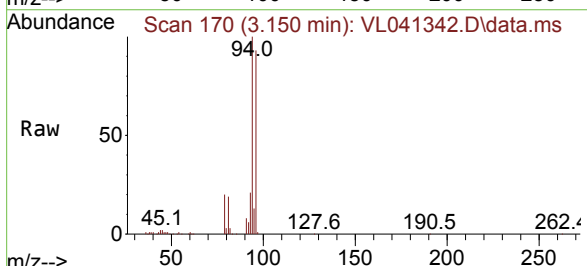
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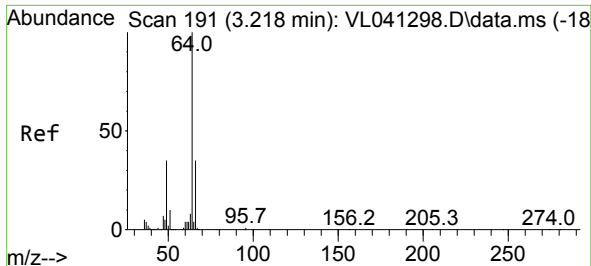
Tgt Ion: 94 Resp: 210972

Ion Ratio Lower Upper

94 100

96 92.8 78.6 117.8

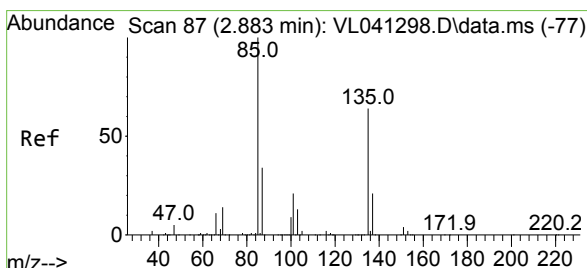
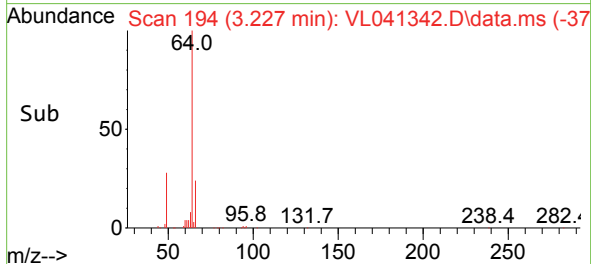
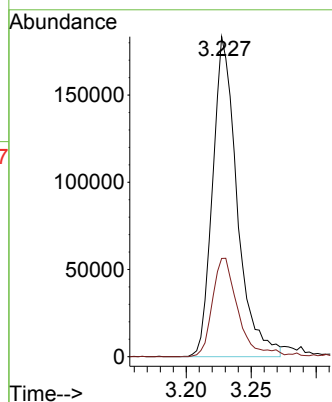
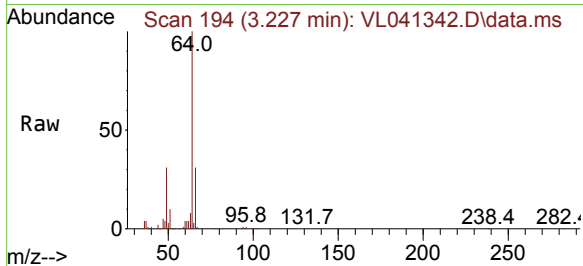




#7
Chloroethane
Concen: 10.616 ppbv
RT: 3.227 min Scan# 19
Delta R.T. 0.003 min
Lab File: VL041342.D
Acq: 11 Jun 2024 11:36

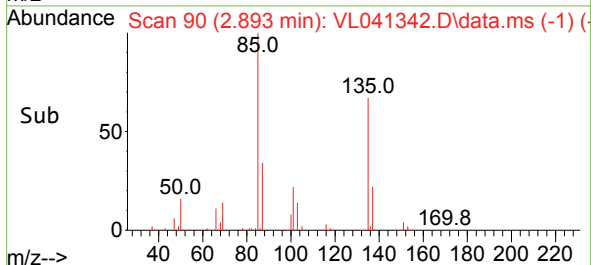
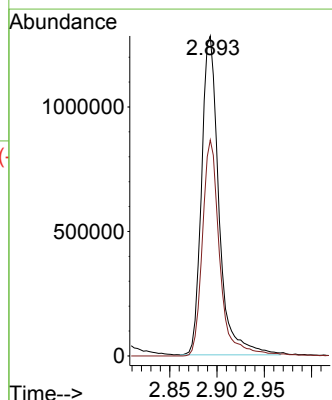
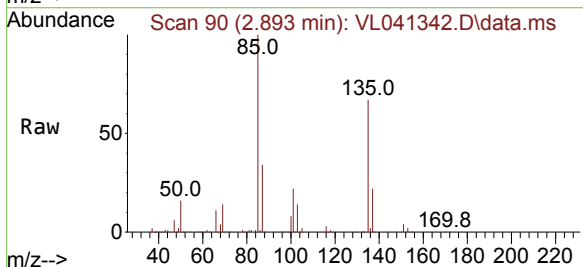
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MSVOA_L
ClientSampleId :

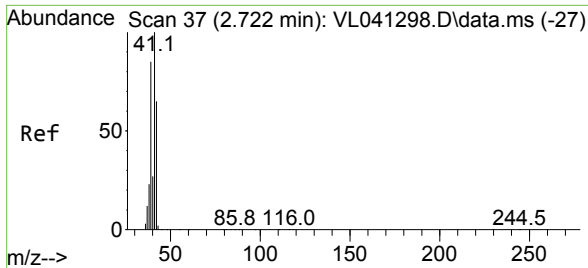
Tgt Ion: 64 Resp: 239981
Ion Ratio Lower Upper
64 100
66 30.7 28.1 42.1



#8
Dichlorotetrafluoroethane
Concen: 10.194 ppbv
RT: 2.893 min Scan# 90
Delta R.T. 0.007 min
Lab File: VL041342.D
Acq: 11 Jun 2024 11:36

Tgt Ion: 85 Resp: 1640440
Ion Ratio Lower Upper
85 100
135 68.1 51.7 77.5

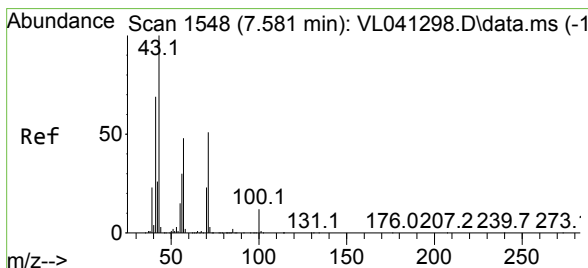
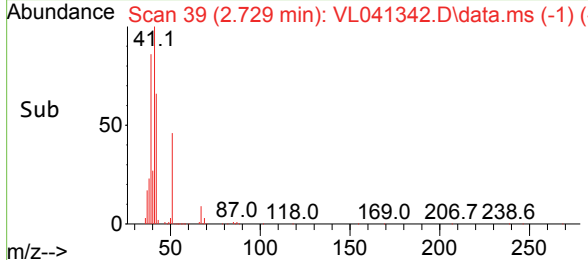
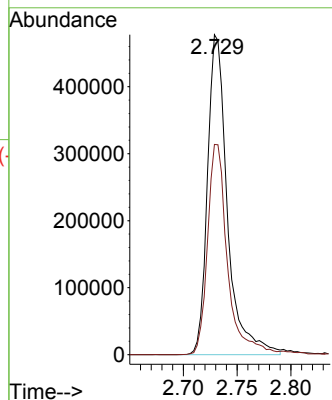
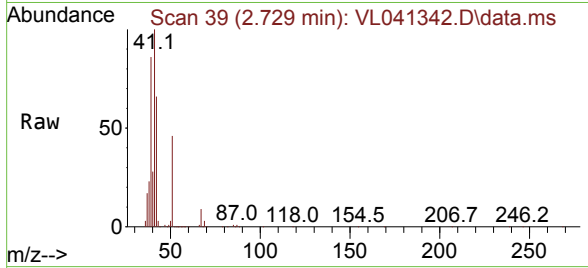




#9
 Propene
 Concen: 9.979 ppbv
 RT: 2.729 min Scan# 39
 Delta R.T. 0.003 min
 Lab File: VL041342.D
 Acq: 11 Jun 2024 11:36

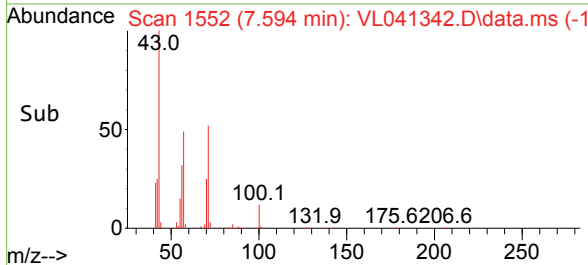
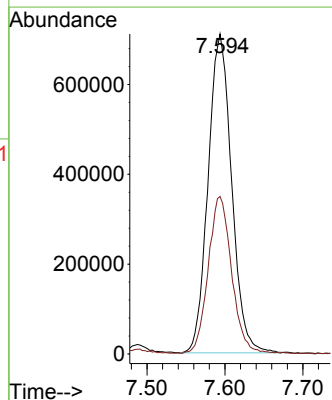
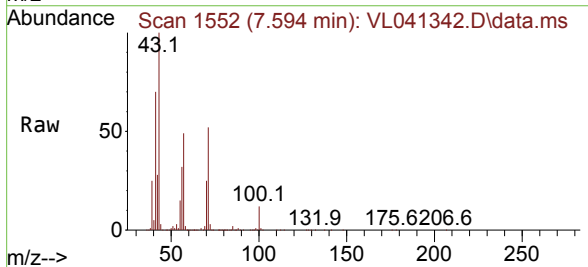
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 ClientSampleId :

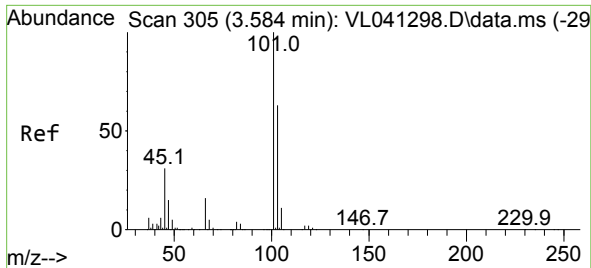
Tgt Ion: 41 Resp: 615504
 Ion Ratio Lower Upper
 41 100
 42 67.1 55.2 82.8



#10
 Heptane
 Concen: 10.193 ppbv
 RT: 7.594 min Scan# 1552
 Delta R.T. 0.003 min
 Lab File: VL041342.D
 Acq: 11 Jun 2024 11:36

Tgt Ion: 43 Resp: 1490060
 Ion Ratio Lower Upper
 43 100
 57 49.9 39.0 58.4

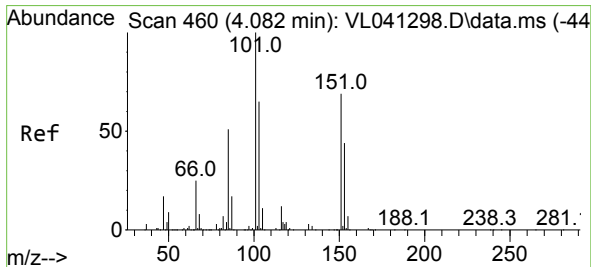
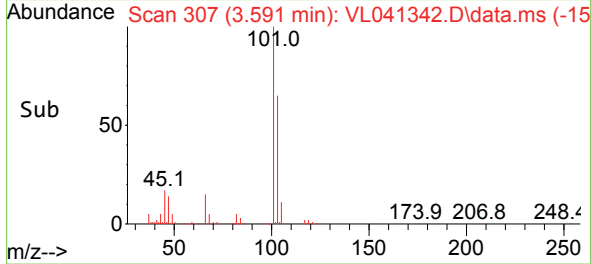
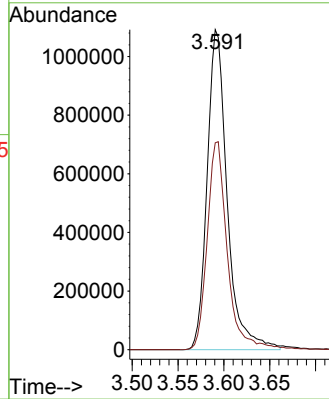
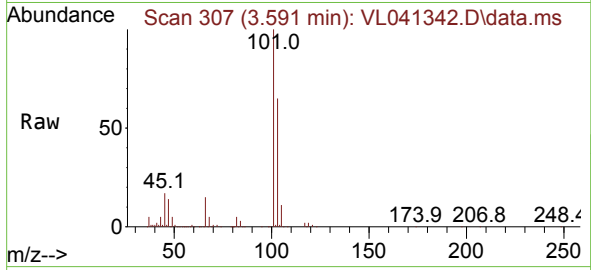




#11
 Trichlorofluoromethane
 Concen: 10.308 ppbv
 RT: 3.591 min Scan# 305
 Delta R.T. 0.003 min
 Lab File: VL041342.D
 Acq: 11 Jun 2024 11:36

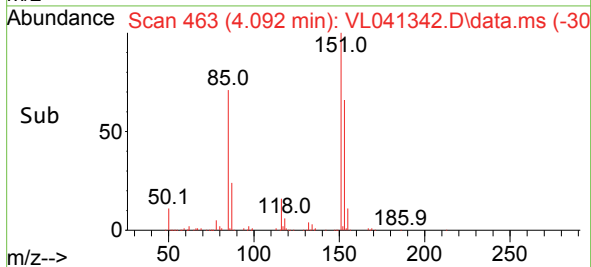
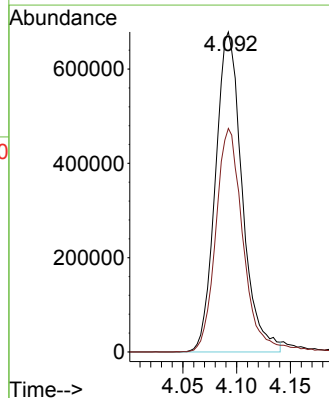
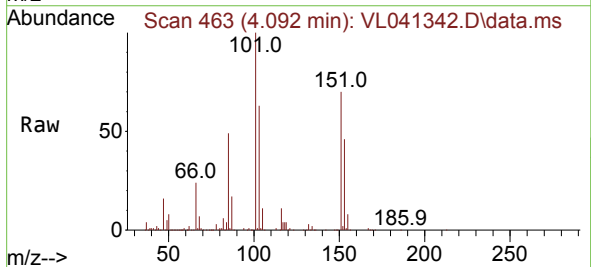
Instrument :
 MSVOA_L
 ClientSampleId :

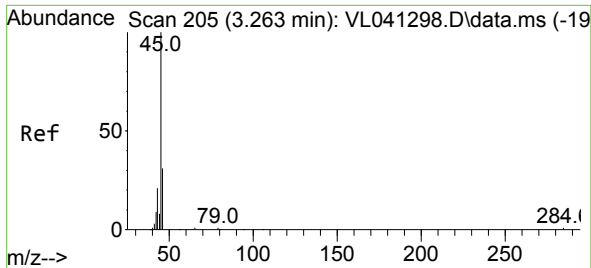
Tgt Ion:101 Resp: 1658174
 Ion Ratio Lower Upper
 101 100
 103 64.6 50.6 76.0



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 10.300 ppbv
 RT: 4.092 min Scan# 463
 Delta R.T. 0.003 min
 Lab File: VL041342.D
 Acq: 11 Jun 2024 11:36

Tgt Ion:101 Resp: 1170308
 Ion Ratio Lower Upper
 101 100
 151 72.6 54.8 82.2

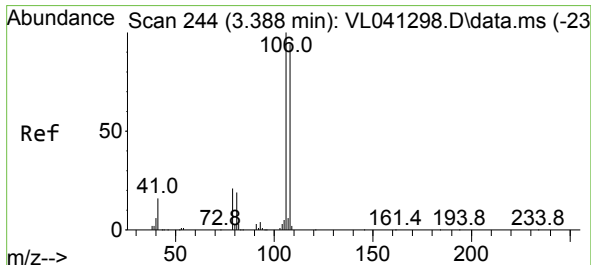
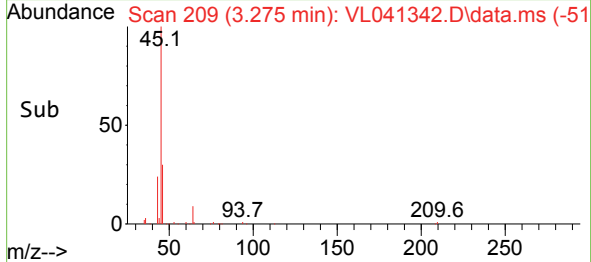
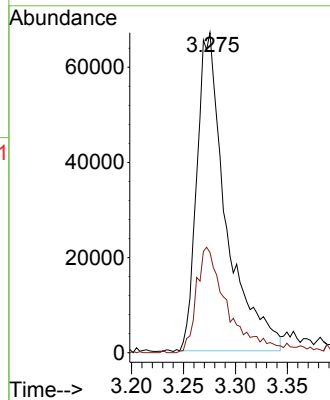
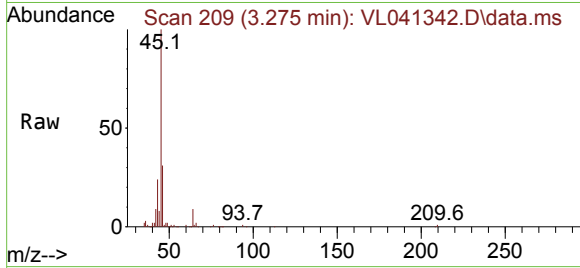




#13
Ethanol
Concen: 8.166 ppbv
RT: 3.275 min Scan# 205
Delta R.T. 0.007 min
Lab File: VL041342.D
Acq: 11 Jun 2024 11:36

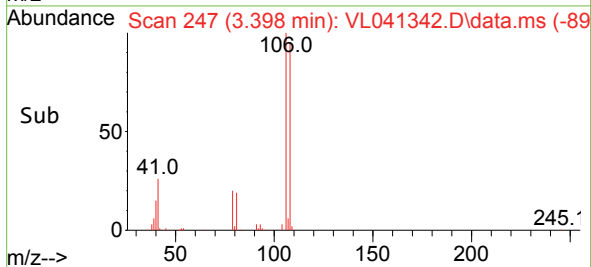
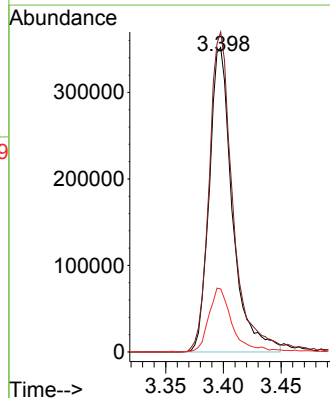
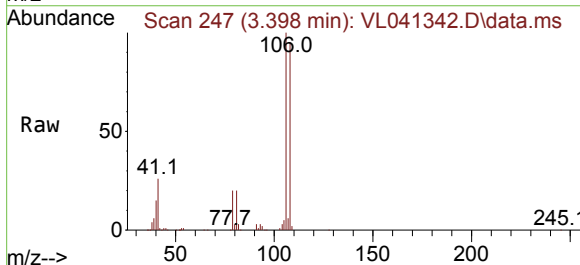
Instrument :
MSVOA_L
ClientSampleId :

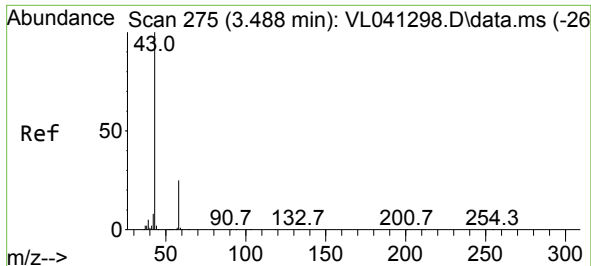
Tgt Ion: 45 Resp: 131028
Ion Ratio Lower Upper
45 100
46 37.3 14.2 56.6



#14
Bromoethene
Concen: 10.687 ppbv
RT: 3.398 min Scan# 247
Delta R.T. 0.007 min
Lab File: VL041342.D
Acq: 11 Jun 2024 11:36

Tgt Ion: 108 Resp: 491422
Ion Ratio Lower Upper
108 100
106 109.7 85.4 128.0
79 21.8 17.8 26.8

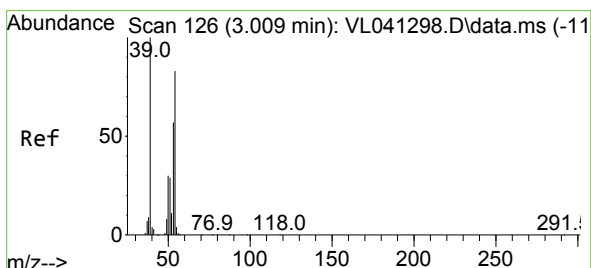
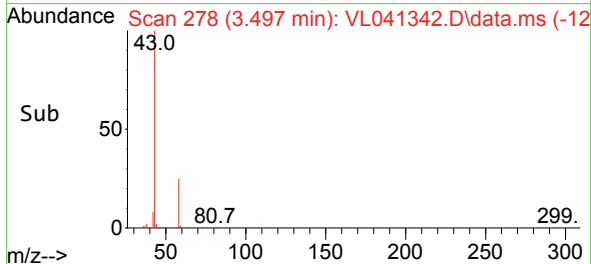
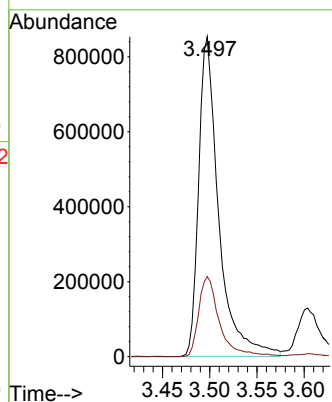
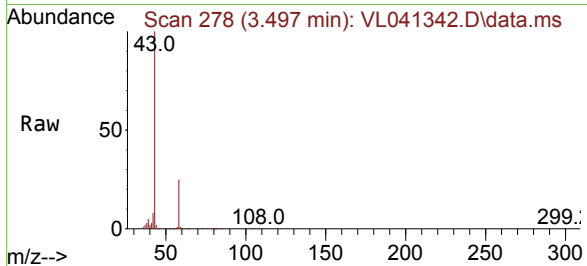




#15
Acetone
Concen: 10.061 ppbv
RT: 3.497 min Scan# 21
Delta R.T. 0.003 min
Lab File: VL041342.D
Acq: 11 Jun 2024 11:36

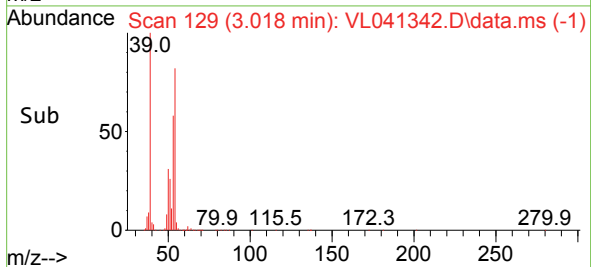
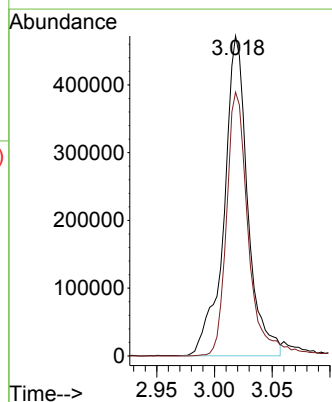
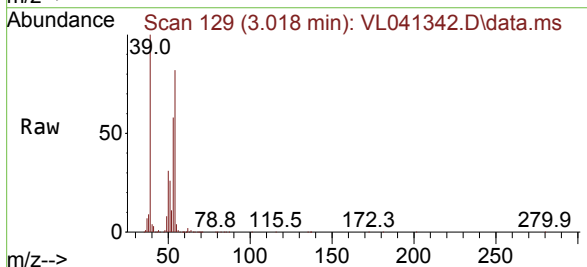
Instrument :
MSVOA_L
ClientSampleId :

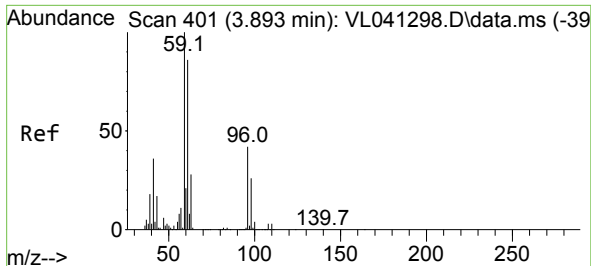
Tgt Ion: 43 Resp: 1258640
Ion Ratio Lower Upper
43 100
58 26.1 20.6 31.0



#16
1,3-Butadiene
Concen: 10.716 ppbv
RT: 3.018 min Scan# 129
Delta R.T. 0.003 min
Lab File: VL041342.D
Acq: 11 Jun 2024 11:36

Tgt Ion: 39 Resp: 673929
Ion Ratio Lower Upper
39 100
54 77.2 60.5 90.7





#17

tert-Butyl alcohol

Concen: 10.718 ppbv

RT: 3.902 min Scan# 401

Delta R.T. 0.003 min

Lab File: VL041342.D

Acq: 11 Jun 2024 11:36

Instrument :

MSVOA_L

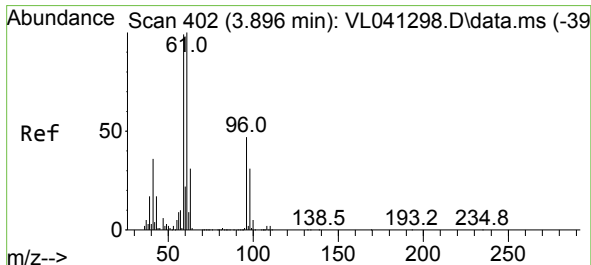
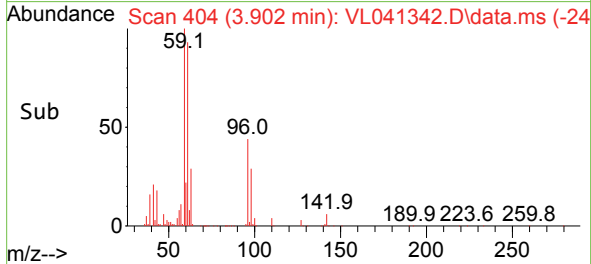
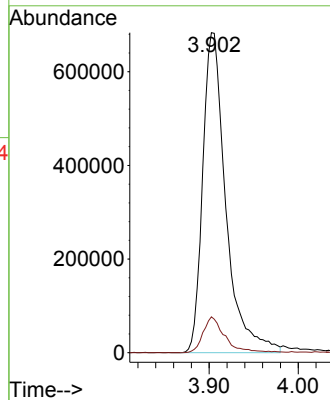
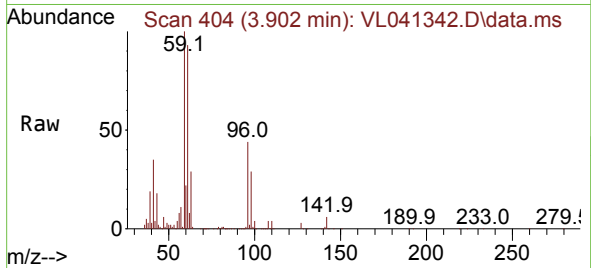
ClientSampleId :

Tgt Ion: 59 Resp: 1234576

Ion Ratio Lower Upper

59 100

57 10.8 9.0 13.4



#18

1,1-Dichloroethene

Concen: 10.916 ppbv

RT: 3.909 min Scan# 406

Delta R.T. 0.007 min

Lab File: VL041342.D

Acq: 11 Jun 2024 11:36

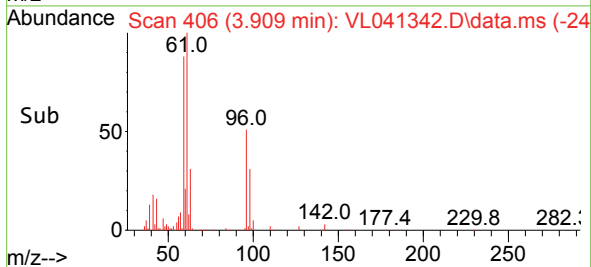
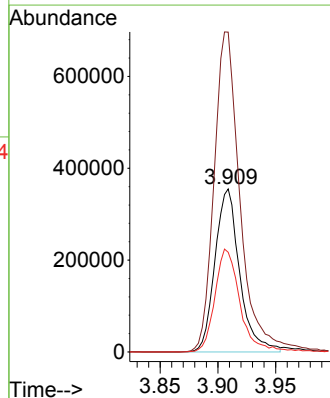
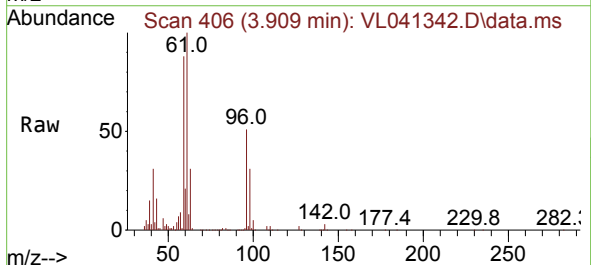
Tgt Ion: 96 Resp: 529058

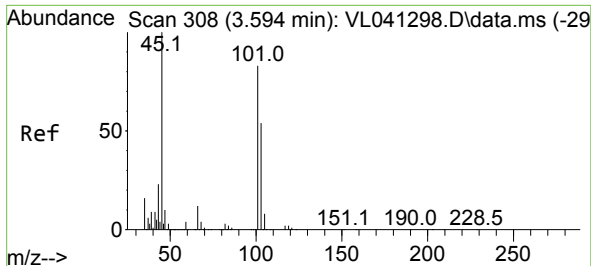
Ion Ratio Lower Upper

96 100

61 196.3 171.8 257.8

98 61.2 53.1 79.7

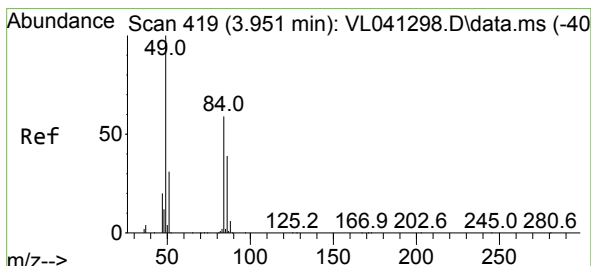
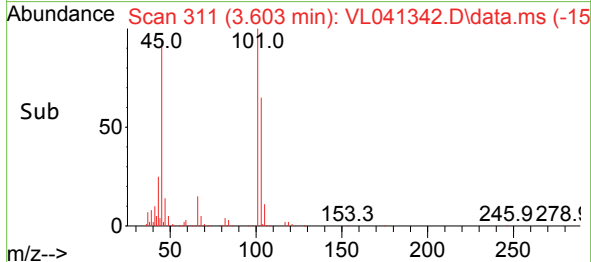
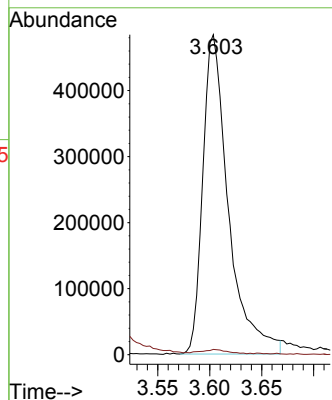
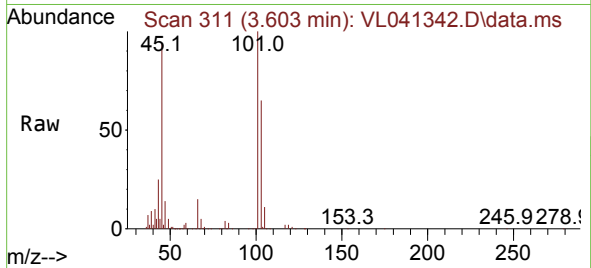




#19
Isopropyl Alcohol
Concen: 10.557 ppbv
RT: 3.603 min Scan# 311
Delta R.T. 0.007 min
Lab File: VL041342.D
Acq: 11 Jun 2024 11:36

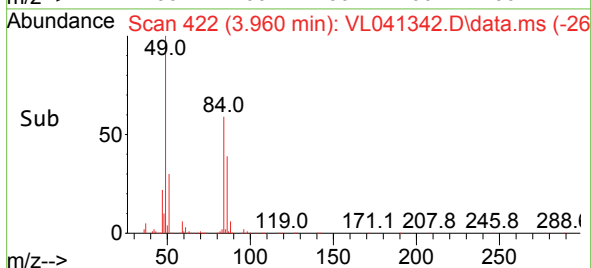
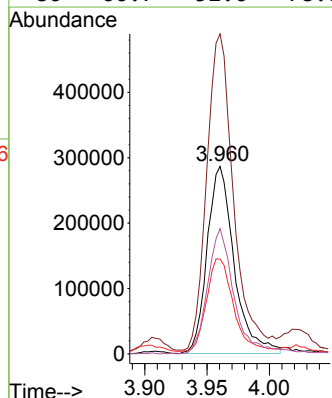
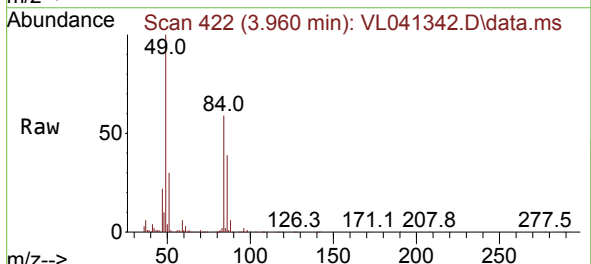
Instrument :
MSVOA_L
ClientSampleId :

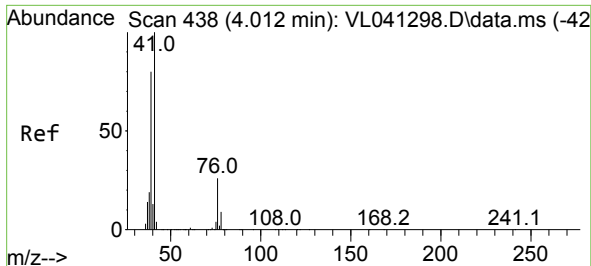
Tgt Ion: 45 Resp: 829788
Ion Ratio Lower Upper
45 100
58 2.4 1.4 2.2#



#20
Methylene Chloride
Concen: 9.526 ppbv
RT: 3.960 min Scan# 422
Delta R.T. 0.007 min
Lab File: VL041342.D
Acq: 11 Jun 2024 11:36

Tgt Ion: 84 Resp: 433179
Ion Ratio Lower Upper
84 100
49 168.9 136.2 204.2
51 49.3 41.9 62.9
86 66.7 52.6 78.8





#21

Allyl Chloride

Concen: 10.493 ppbv

RT: 4.021 min Scan# 441

Delta R.T. 0.003 min

Lab File: VL041342.D

Acq: 11 Jun 2024 11:36

Instrument :

MSVOA_L

ClientSampleId :

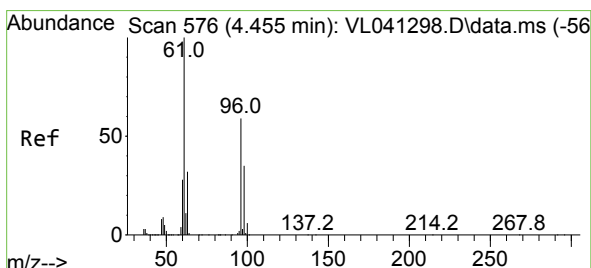
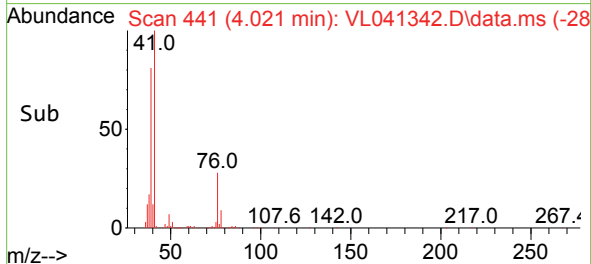
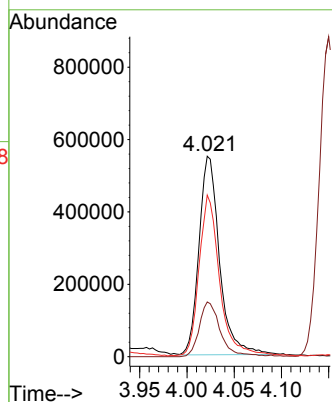
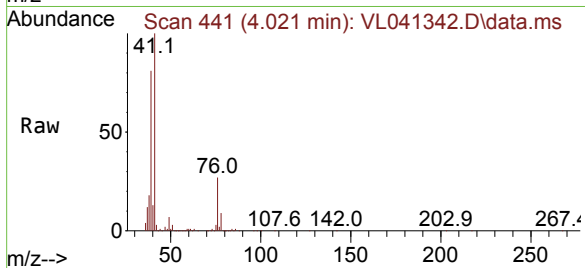
Tgt Ion: 41 Resp: 831653

Ion Ratio Lower Upper

41 100

76 28.5 22.3 33.5

39 81.4 66.3 99.5



#22

trans-1,2-Dichloroethene

Concen: 11.004 ppbv

RT: 4.468 min Scan# 580

Delta R.T. 0.003 min

Lab File: VL041342.D

Acq: 11 Jun 2024 11:36

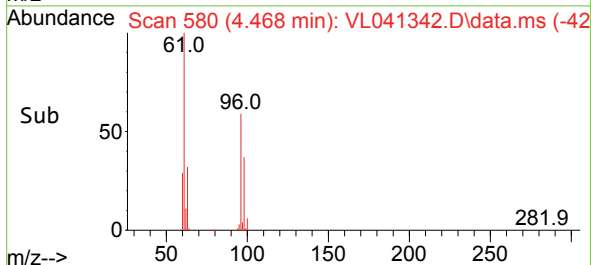
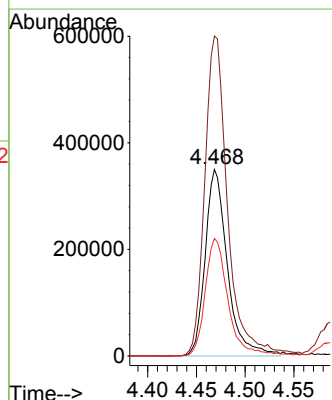
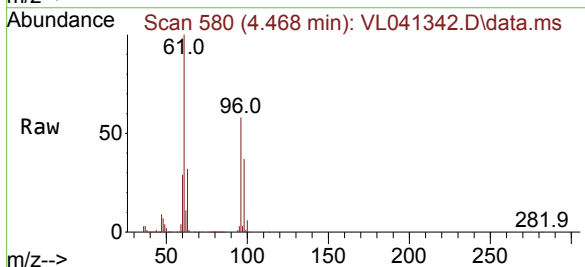
Tgt Ion: 96 Resp: 555824

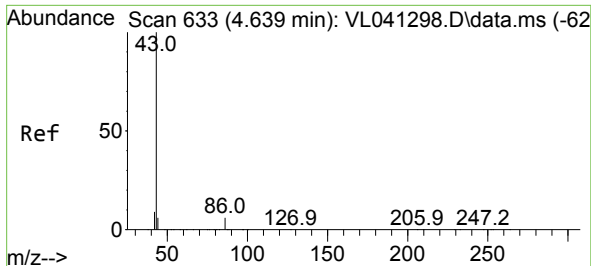
Ion Ratio Lower Upper

96 100

61 171.5 135.5 203.3

98 62.9 47.6 71.4



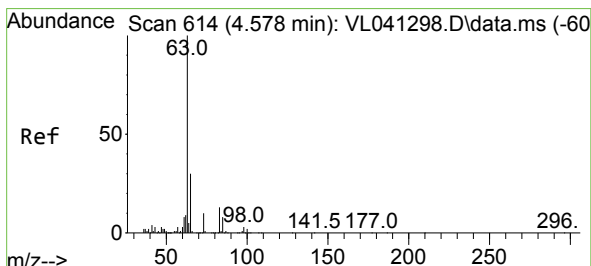
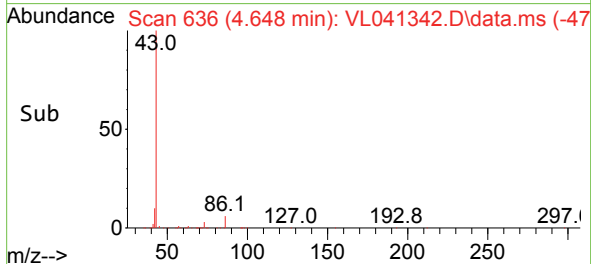
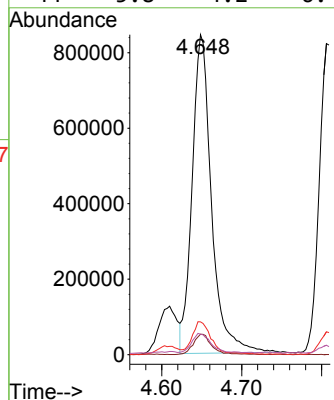
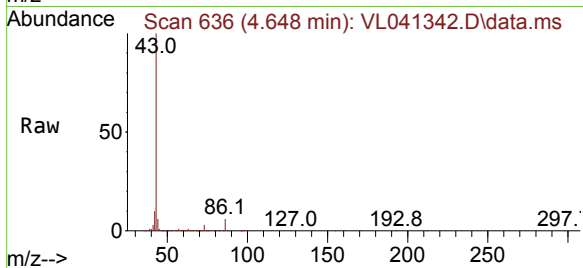


#23
 Vinyl Acetate
 Concen: 11.122 ppbv
 RT: 4.648 min Scan# 61
 Delta R.T. 0.003 min
 Lab File: VL041342.D
 Acq: 11 Jun 2024 11:36

Instrument :
 MSVOA_L
 ClientSampleId :

Tgt Ion: 43 Resp: 1423018

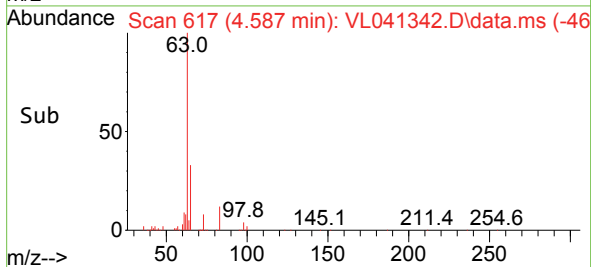
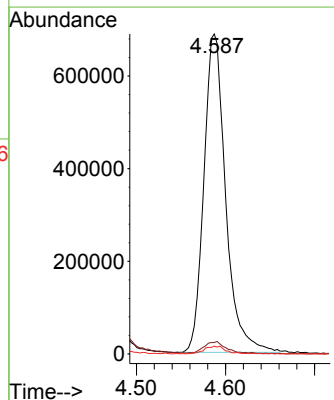
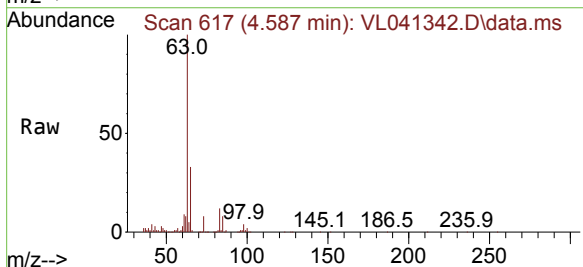
Ion	Ratio	Lower	Upper
43	100		
86	6.3	4.7	7.1
42	10.1	8.0	12.0
44	5.8	4.2	6.4

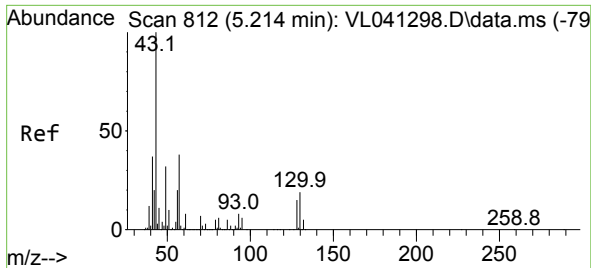


#24
 1,1-Dichloroethane
 Concen: 10.374 ppbv
 RT: 4.587 min Scan# 617
 Delta R.T. 0.003 min
 Lab File: VL041342.D
 Acq: 11 Jun 2024 11:36

Tgt Ion: 63 Resp: 1167629

Ion	Ratio	Lower	Upper
63	100		
98	3.5	1.9	5.7
100	2.4	1.1	3.5

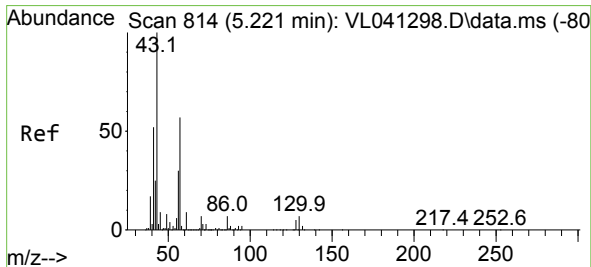
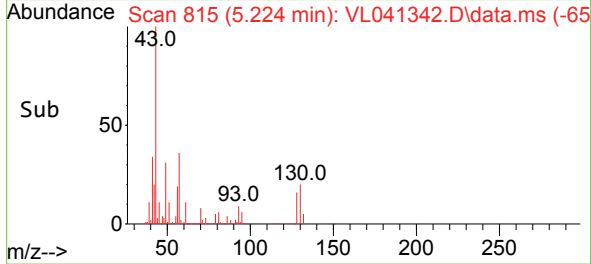
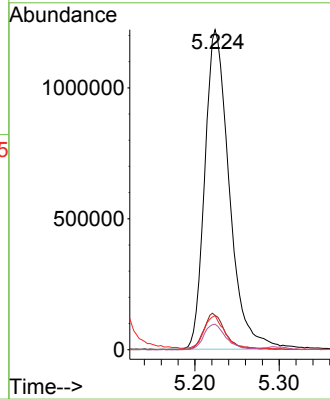
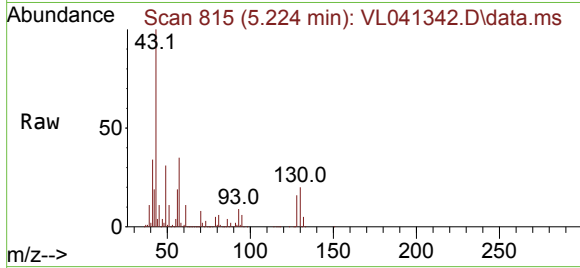




#25
Ethyl Acetate
Concen: 9.939 ppbv
RT: 5.224 min Scan# 812
Delta R.T. 0.003 min
Lab File: VL041342.D
Acq: 11 Jun 2024 11:36

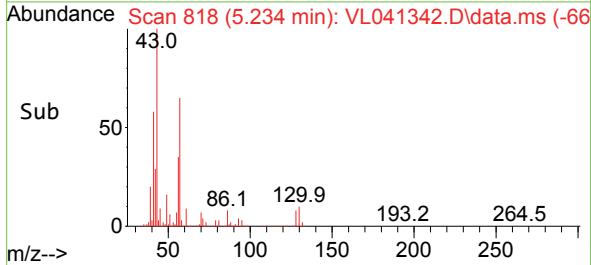
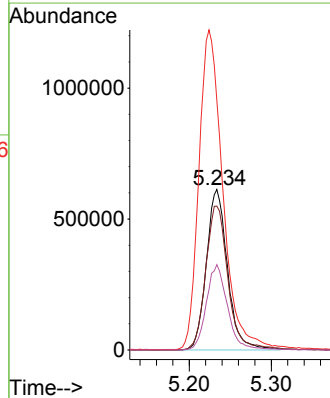
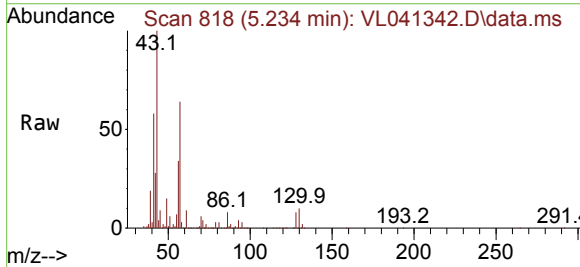
Instrument :
MSVOA_L
ClientSampleId :

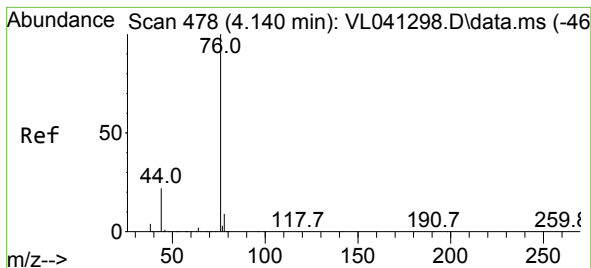
Tgt Ion: 43 Resp: 2459903
Ion Ratio Lower Upper
43 100
45 10.3 8.1 12.1
61 9.6 7.4 11.0
70 7.2 5.5 8.3



#26
Hexane
Concen: 9.860 ppbv
RT: 5.234 min Scan# 818
Delta R.T. 0.003 min
Lab File: VL041342.D
Acq: 11 Jun 2024 11:36

Tgt Ion: 57 Resp: 1097469
Ion Ratio Lower Upper
57 100
41 95.3 77.1 115.7
43 229.4 186.1 279.1
56 53.5 42.9 64.3





#27

Carbon Disulfide

Concen: 11.759 ppbv

RT: 4.150 min Scan# 41

Delta R.T. 0.003 min

Lab File: VL041342.D

Acq: 11 Jun 2024 11:36

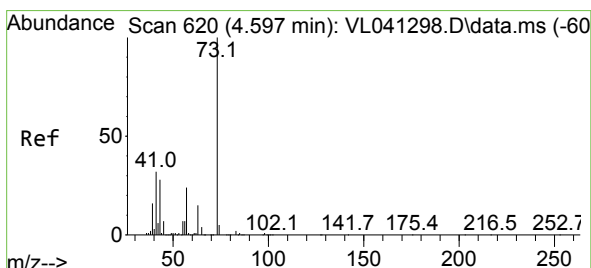
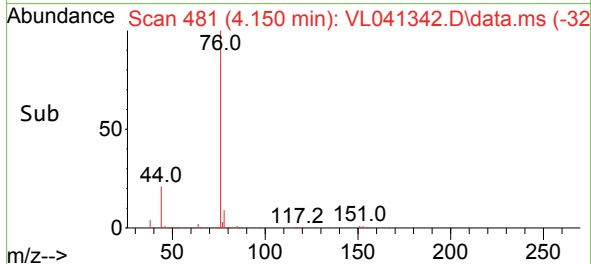
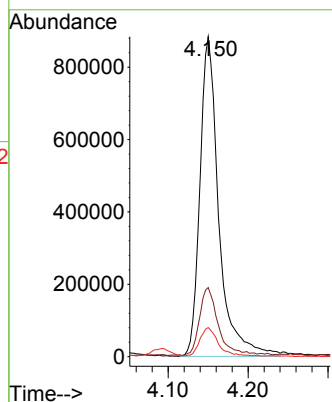
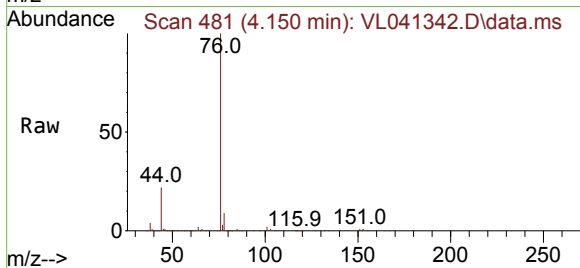
Instrument :

MSVOA_L

ClientSampleId :

Tgt Ion: 76 Resp: 1449734

Ion	Ratio	Lower	Upper
76	100		
44	21.9	17.7	26.5
78	9.6	7.8	11.6



#28

Methyl tert-Butyl Ether

Concen: 10.207 ppbv

RT: 4.607 min Scan# 623

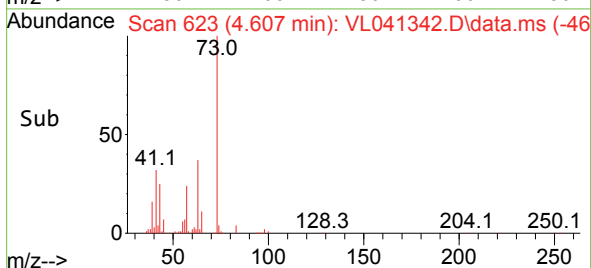
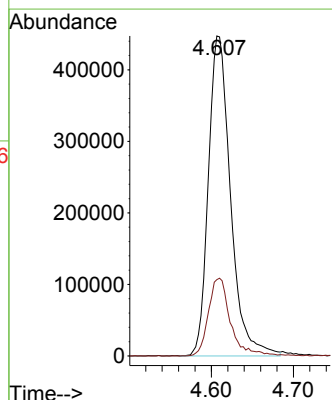
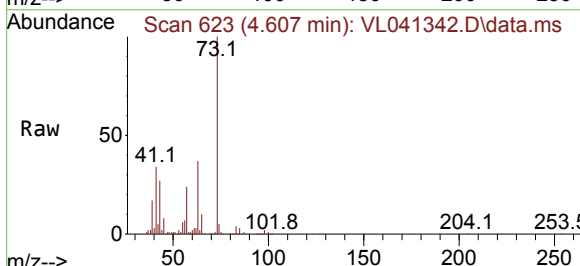
Delta R.T. 0.003 min

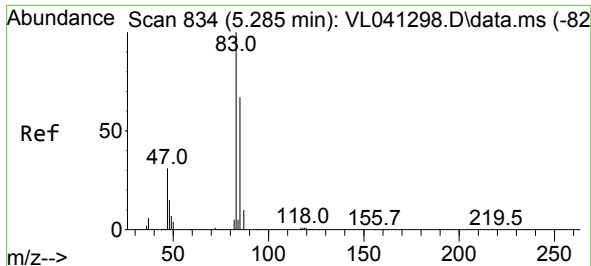
Lab File: VL041342.D

Acq: 11 Jun 2024 11:36

Tgt Ion: 73 Resp: 841973

Ion	Ratio	Lower	Upper
73	100		
57	24.4	19.2	28.8

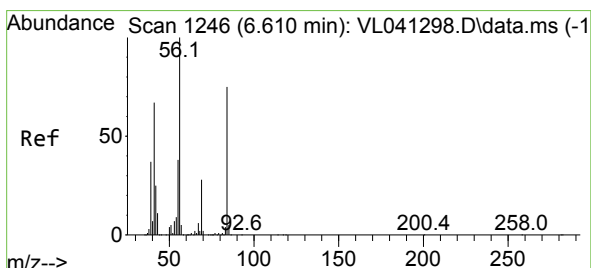
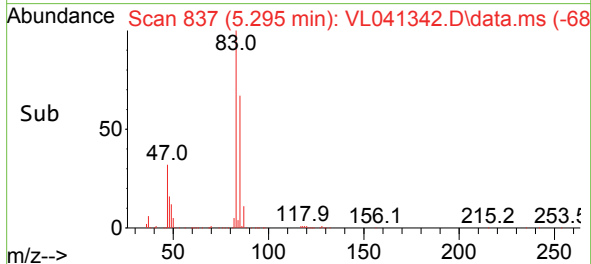
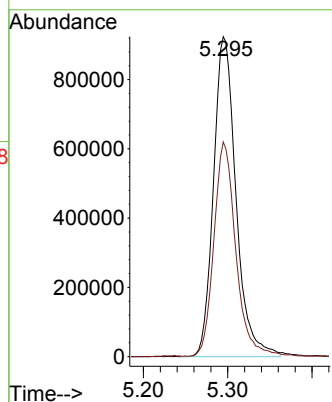
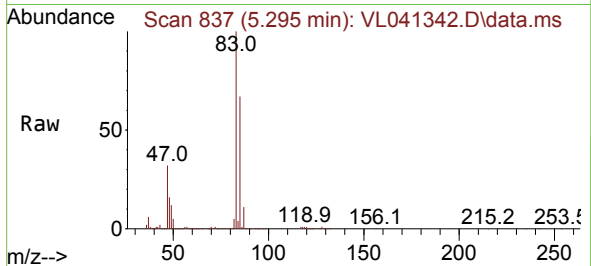




#29
Chloroform
Concen: 10.014 ppbv
RT: 5.295 min Scan# 81
Delta R.T. 0.003 min
Lab File: VL041342.D
Acq: 11 Jun 2024 11:36

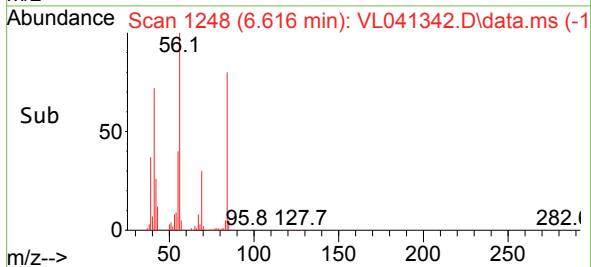
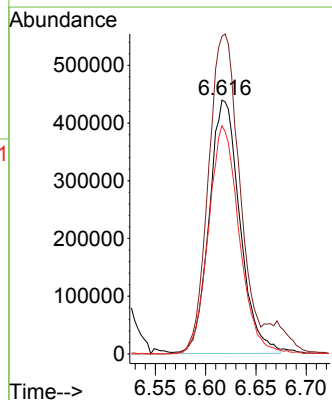
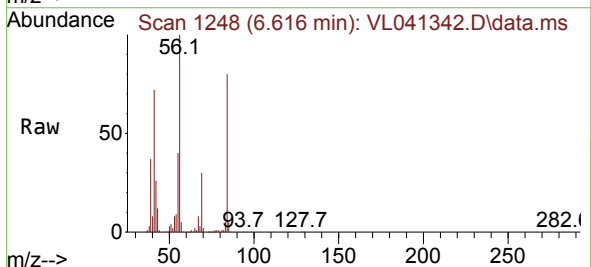
Instrument :
MSVOA_L
ClientSampleId :

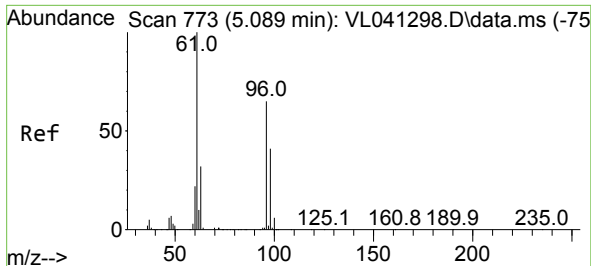
Tgt Ion: 83 Resp: 1710020
Ion Ratio Lower Upper
83 100
85 66.8 53.3 79.9



#30
Cyclohexane
Concen: 10.308 ppbv
RT: 6.616 min Scan# 1248
Delta R.T. 0.000 min
Lab File: VL041342.D
Acq: 11 Jun 2024 11:36

Tgt Ion: 84 Resp: 929971
Ion Ratio Lower Upper
84 100
56 138.3 114.9 172.3
41 90.3 74.4 111.6

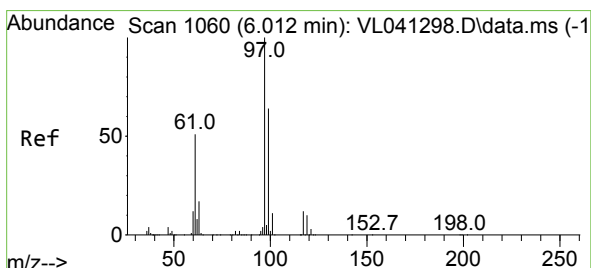
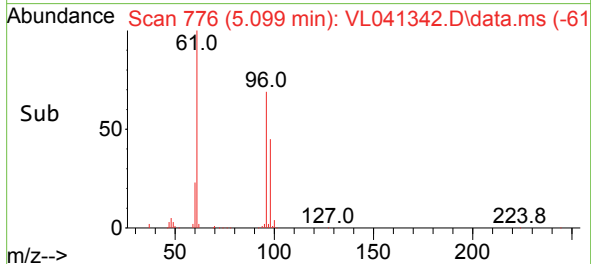
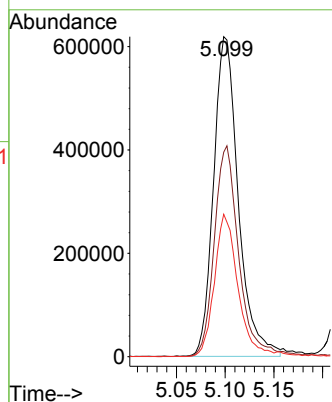
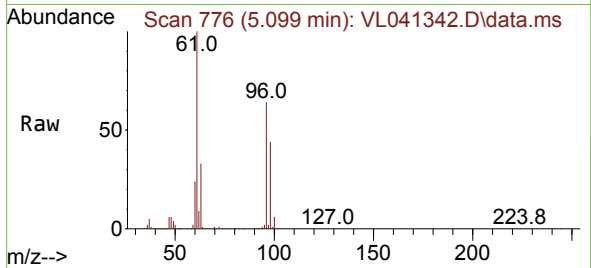




#31
 cis-1,2-Dichloroethene
 Concen: 10.388 ppbv
 RT: 5.099 min Scan# 71
 Delta R.T. 0.003 min
 Lab File: VL041342.D
 Acq: 11 Jun 2024 11:36

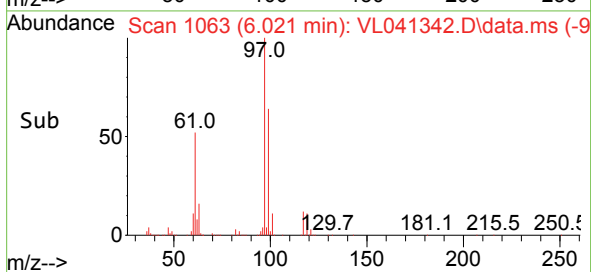
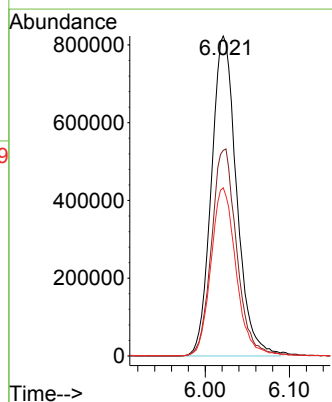
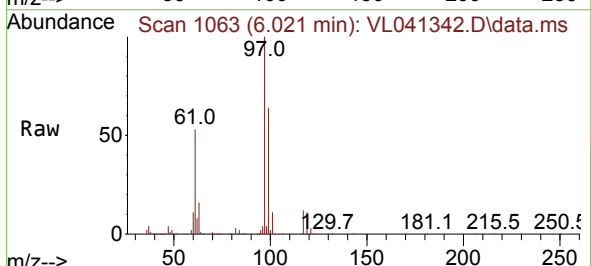
Instrument :
 MSVOA_L
 ClientSampleId :

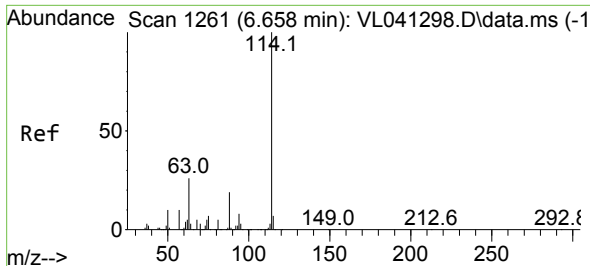
Tgt Ion: 61 Resp: 1092543
 Ion Ratio Lower Upper
 61 100
 96 63.9 52.1 78.1
 98 44.5 33.1 49.7



#32
 1,1,1-Trichloroethane
 Concen: 10.576 ppbv
 RT: 6.021 min Scan# 1063
 Delta R.T. 0.003 min
 Lab File: VL041342.D
 Acq: 11 Jun 2024 11:36

Tgt Ion: 97 Resp: 1710761
 Ion Ratio Lower Upper
 97 100
 99 64.8 51.9 77.9
 61 52.6 42.9 64.3





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.671 min Scan# 11

Delta R.T. 0.003 min

Lab File: VL041342.D

Acq: 11 Jun 2024 11:36

Instrument :

MSVOA_L

ClientSampleId :

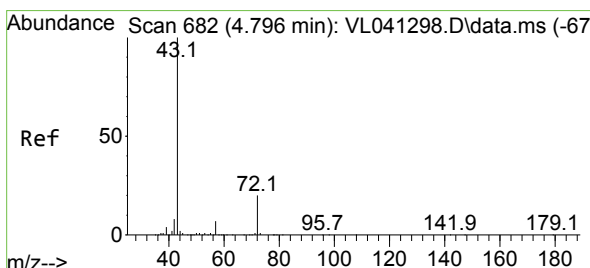
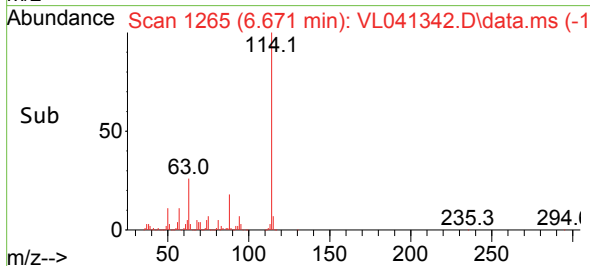
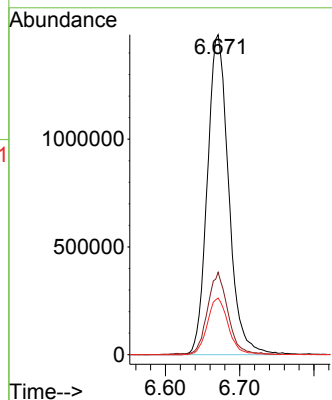
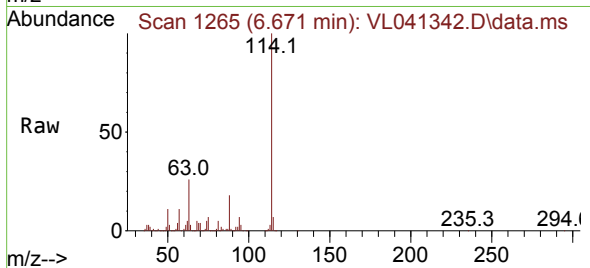
Tgt Ion:114 Resp: 2955100

Ion Ratio Lower Upper

114 100

63 25.3 20.6 30.8

88 17.5 14.5 21.7



#34

2-Butanone

Concen: 9.895 ppbv

RT: 4.806 min Scan# 685

Delta R.T. 0.003 min

Lab File: VL041342.D

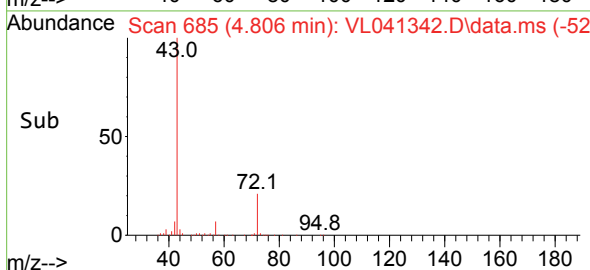
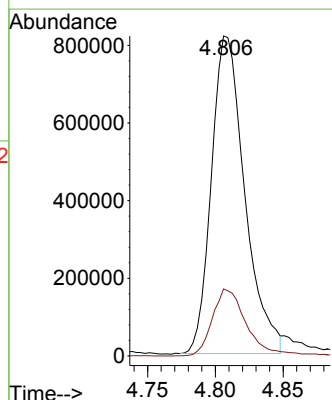
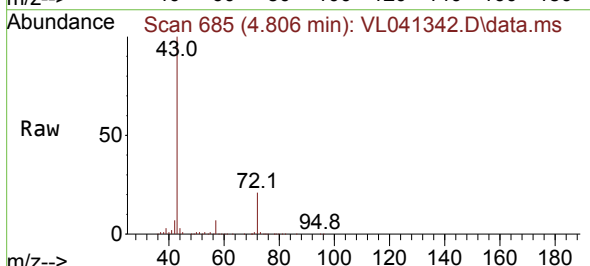
Acq: 11 Jun 2024 11:36

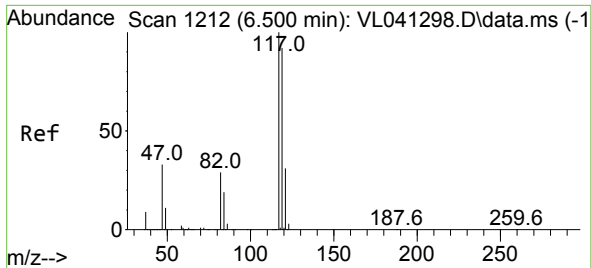
Tgt Ion: 43 Resp: 1400786

Ion Ratio Lower Upper

43 100

72 22.2 17.4 26.0

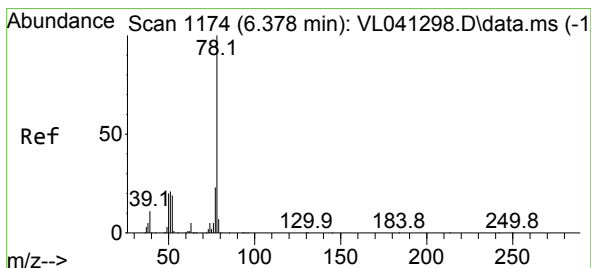
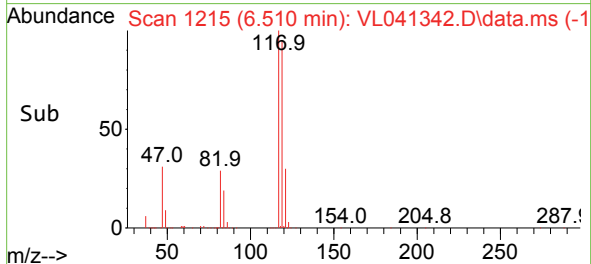
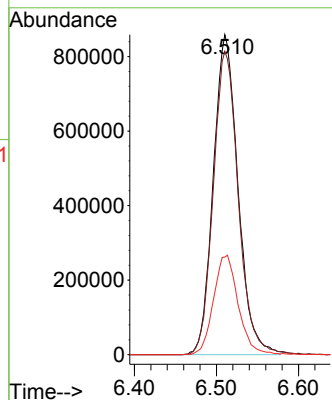
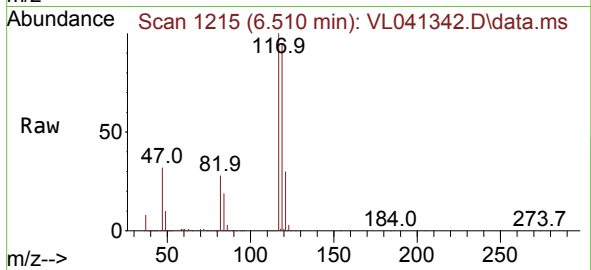




#35
Carbon Tetrachloride
Concen: 10.728 ppbv
RT: 6.510 min Scan# 117
Delta R.T. 0.000 min
Lab File: VL041342.D
Acq: 11 Jun 2024 11:36

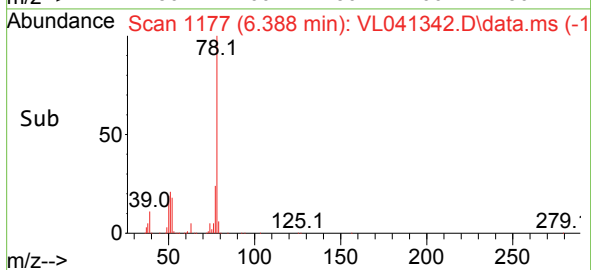
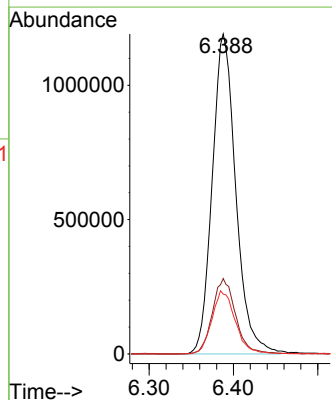
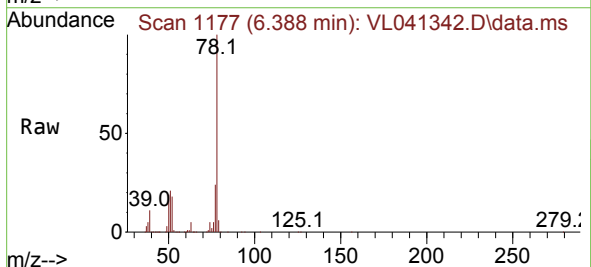
Instrument :
MSVOA_L
ClientSampleId :

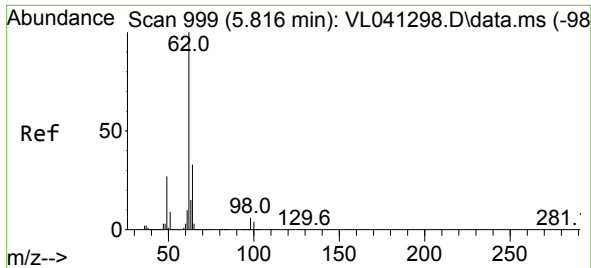
Tgt Ion:117 Resp: 1801785
Ion Ratio Lower Upper
117 100
119 94.8 74.0 111.0
121 30.5 24.8 37.2



#36
Benzene
Concen: 10.086 ppbv
RT: 6.388 min Scan# 1177
Delta R.T. 0.003 min
Lab File: VL041342.D
Acq: 11 Jun 2024 11:36

Tgt Ion: 78 Resp: 2310098
Ion Ratio Lower Upper
78 100
77 23.5 18.6 28.0
50 18.7 16.0 24.0

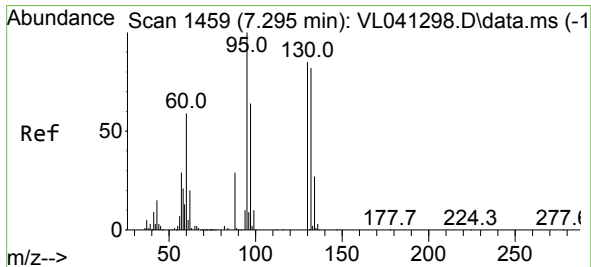
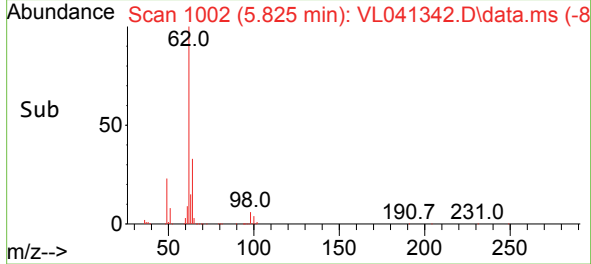
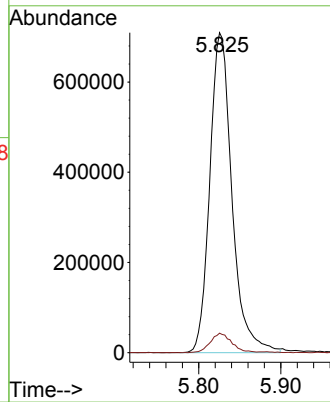
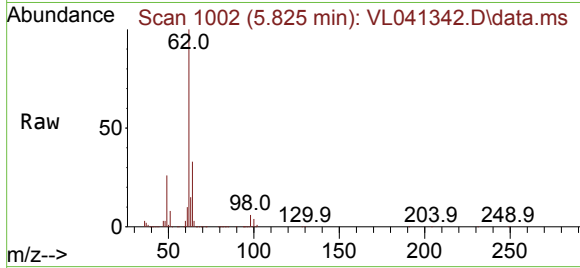




#37
1,2-Dichloroethane
Concen: 9.986 ppbv
RT: 5.825 min Scan# 1002
Delta R.T. 0.003 min
Lab File: VL041342.D
Acq: 11 Jun 2024 11:36

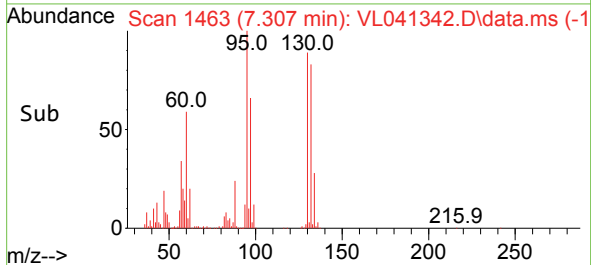
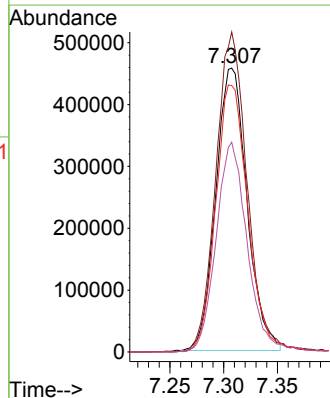
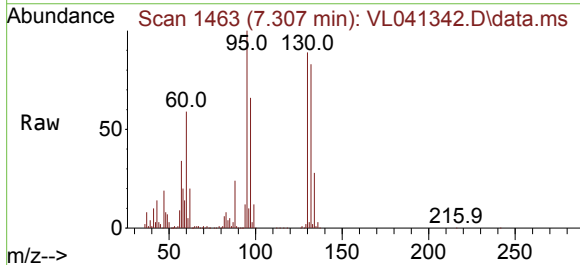
Instrument :
MSVOA_L
ClientSampleId :

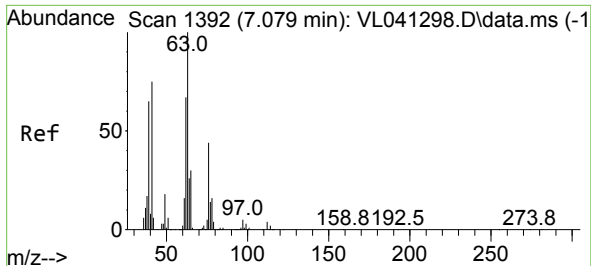
Tgt Ion: 62 Resp: 1333509
Ion Ratio Lower Upper
62 100
98 6.3 4.8 7.2



#38
Trichloroethene
Concen: 9.939 ppbv
RT: 7.307 min Scan# 1463
Delta R.T. 0.003 min
Lab File: VL041342.D
Acq: 11 Jun 2024 11:36

Tgt Ion:130 Resp: 922583
Ion Ratio Lower Upper
130 100
95 113.1 94.0 141.0
132 94.2 76.7 115.1
97 74.1 59.8 89.8





#39

1,2-Dichloropropane

Concen: 9.815 ppbv

RT: 7.089 min Scan# 11

Delta R.T. 0.000 min

Lab File: VL041342.D

Acq: 11 Jun 2024 11:36

Instrument :

MSVOA_L

ClientSampleId :

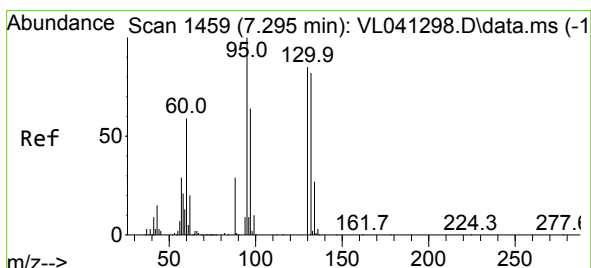
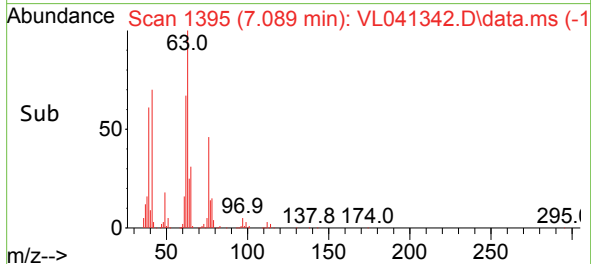
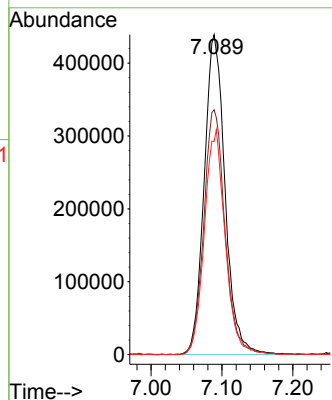
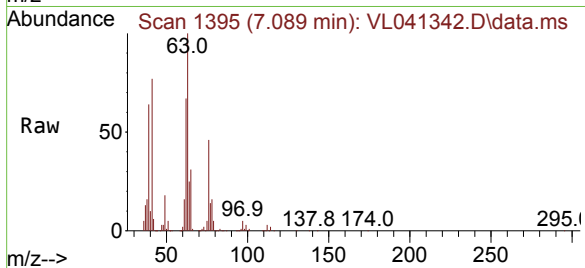
Tgt Ion: 63 Resp: 895210

Ion Ratio Lower Upper

63 100

41 76.4 59.9 89.9

62 66.6 53.8 80.6



#40

1,4-Dioxane

Concen: 9.000 ppbv

RT: 7.301 min Scan# 1461

Delta R.T. 0.000 min

Lab File: VL041342.D

Acq: 11 Jun 2024 11:36

Tgt Ion: 88 Resp: 300617

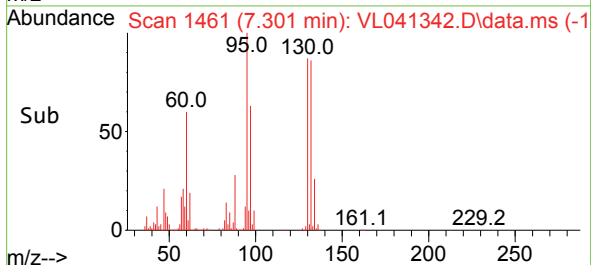
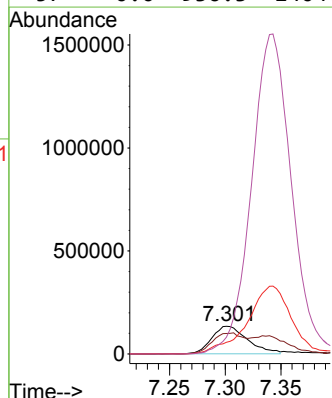
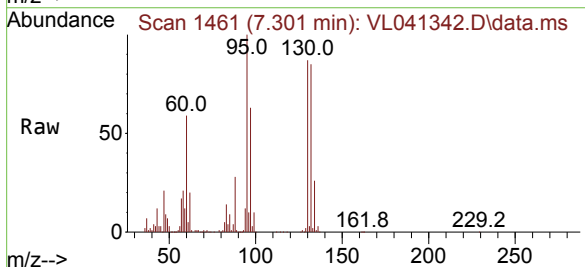
Ion Ratio Lower Upper

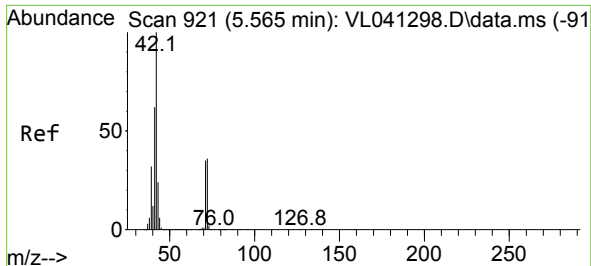
88 100

58 137.9 107.5 161.3

43 0.0 221.8 332.6#

57 0.0 936.3 1404.5#





#41

Tetrahydrofuran

Concen: 10.324 ppbv

RT: 5.574 min Scan# 91

Delta R.T. 0.000 min

Lab File: VL041342.D

Acq: 11 Jun 2024 11:36

Instrument :

MSVOA_L

ClientSampleId :

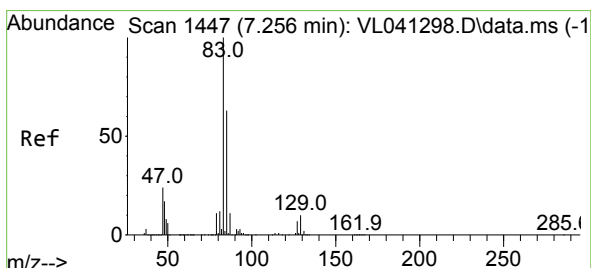
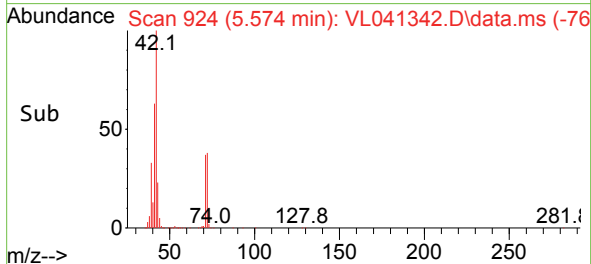
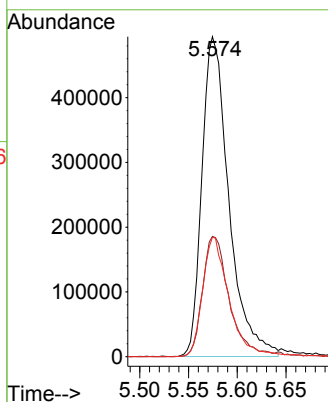
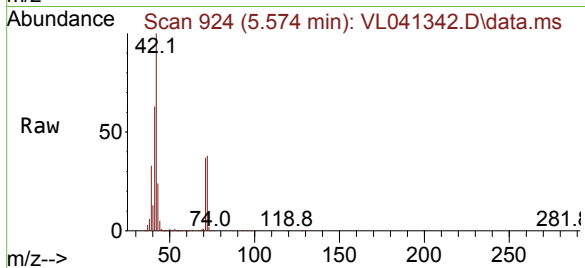
Tgt Ion: 42 Resp: 950987

Ion Ratio Lower Upper

42 100

72 38.0 30.2 45.4

71 37.3 30.3 45.5



#42

Bromodichloromethane

Concen: 10.166 ppbv

RT: 7.266 min Scan# 1450

Delta R.T. 0.003 min

Lab File: VL041342.D

Acq: 11 Jun 2024 11:36

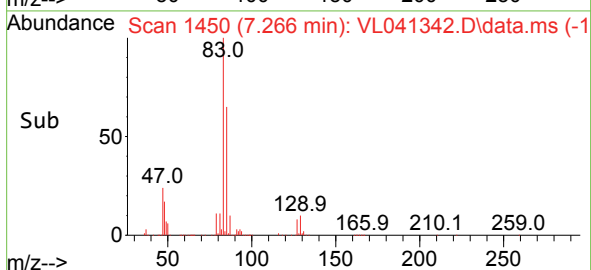
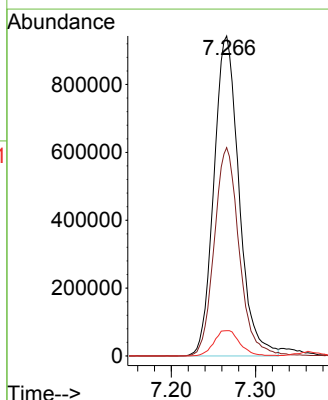
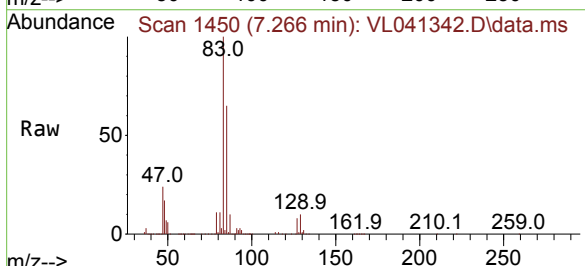
Tgt Ion: 83 Resp: 1949700

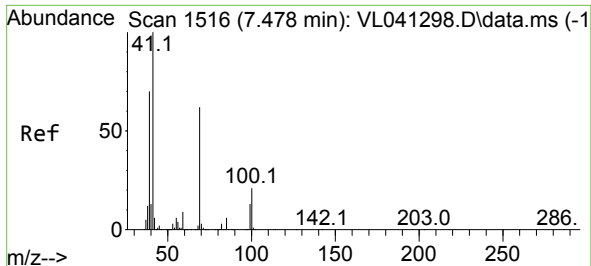
Ion Ratio Lower Upper

83 100

85 65.1 50.6 75.8

127 7.9 5.6 8.4

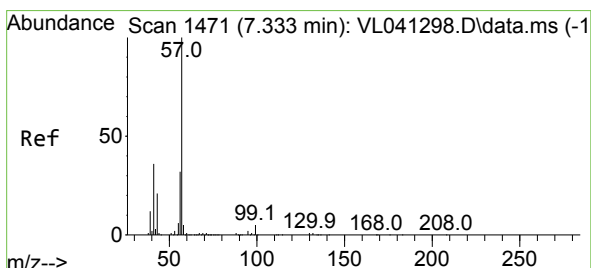
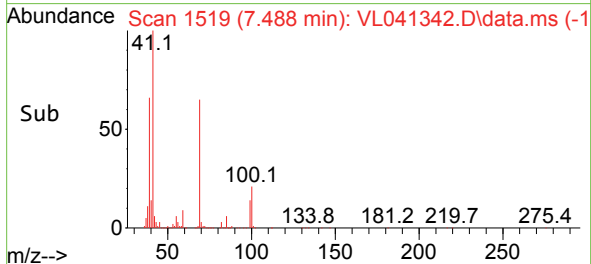
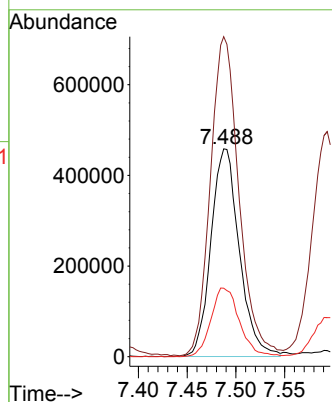
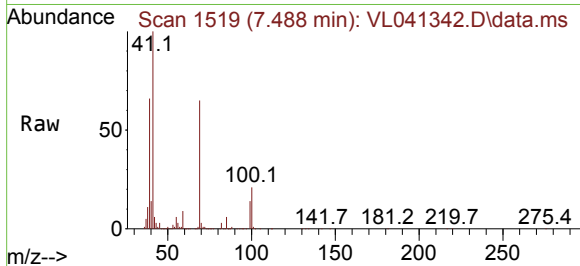




#43
Methyl Methacrylate
Concen: 10.613 ppbv
RT: 7.488 min Scan# 1516
Delta R.T. 0.003 min
Lab File: VL041342.D
Acq: 11 Jun 2024 11:36

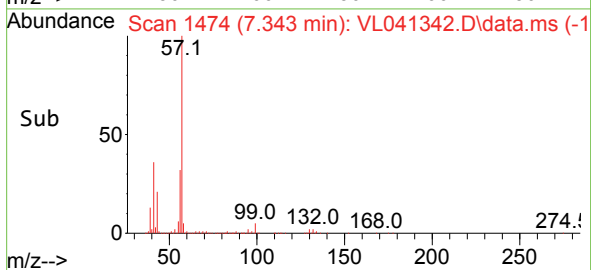
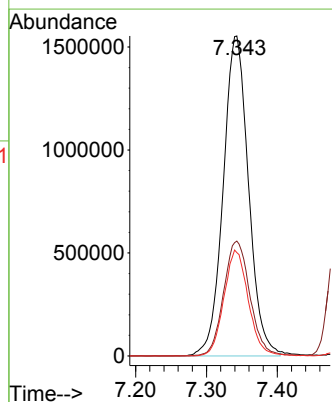
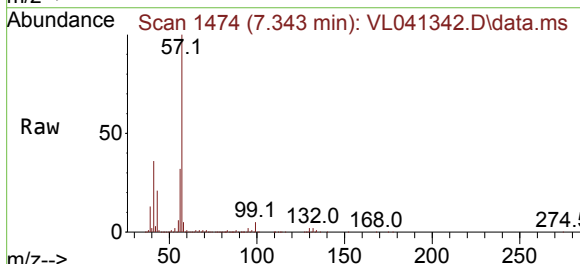
Instrument :
MSVOA_L
ClientSampleId :

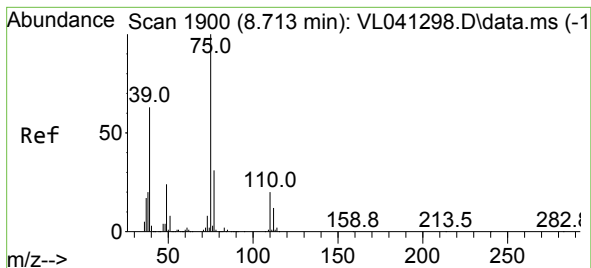
Tgt Ion: 69 Resp: 926251
Ion Ratio Lower Upper
69 100
41 155.5 125.8 188.6
100 33.4 27.0 40.6



#44
2,2,4-Trimethylpentane
Concen: 9.787 ppbv
RT: 7.343 min Scan# 1474
Delta R.T. 0.003 min
Lab File: VL041342.D
Acq: 11 Jun 2024 11:36

Tgt Ion: 57 Resp: 3855377
Ion Ratio Lower Upper
57 100
41 37.4 29.4 44.2
56 32.0 25.0 37.4





#45

t-1,3-Dichloropropene

Concen: 10.167 ppbv

RT: 8.722 min Scan# 1900

Delta R.T. 0.003 min

Lab File: VL041342.D

Acq: 11 Jun 2024 11:36

Instrument :

MSVOA_L

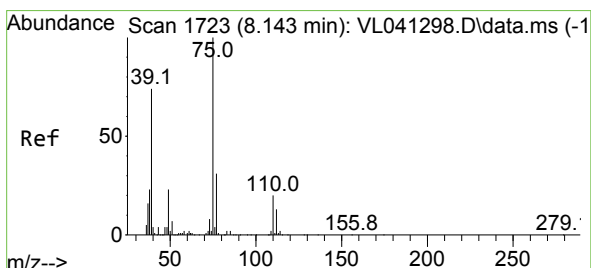
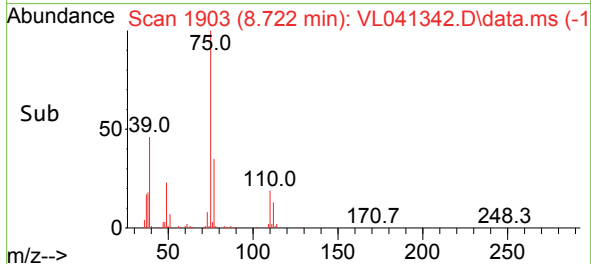
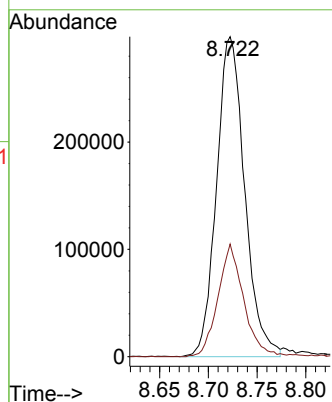
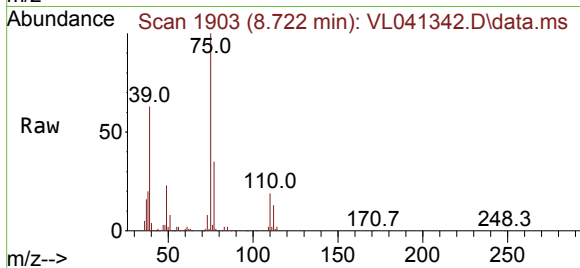
ClientSampleId :

Tgt Ion: 75 Resp: 598722

Ion Ratio Lower Upper

75 100

77 35.2 24.7 37.1



#46

cis-1,3-Dichloropropene

Concen: 10.242 ppbv

RT: 8.156 min Scan# 1727

Delta R.T. 0.000 min

Lab File: VL041342.D

Acq: 11 Jun 2024 11:36

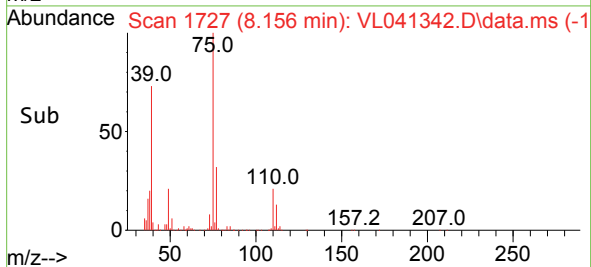
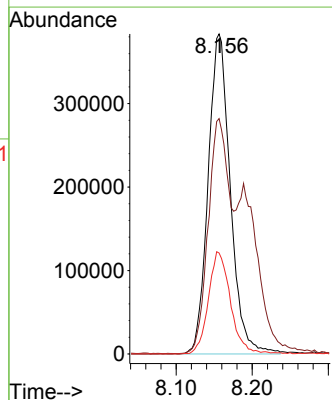
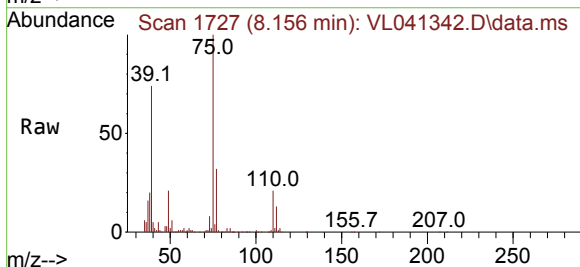
Tgt Ion: 75 Resp: 776377

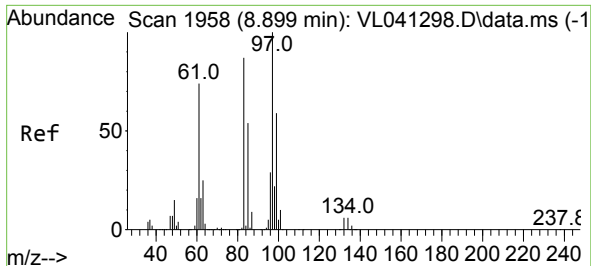
Ion Ratio Lower Upper

75 100

39 73.4 59.2 88.8

77 31.6 25.0 37.6

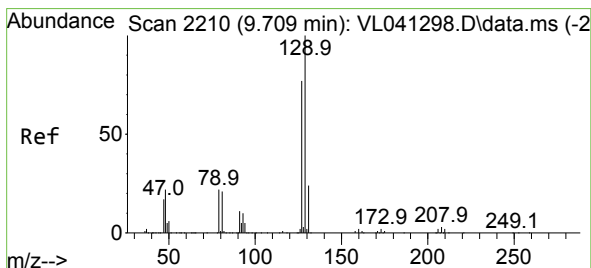
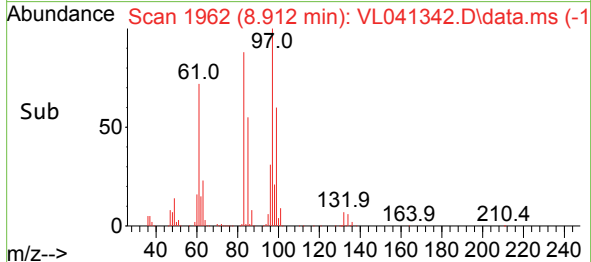
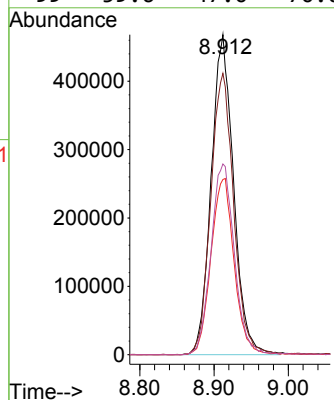
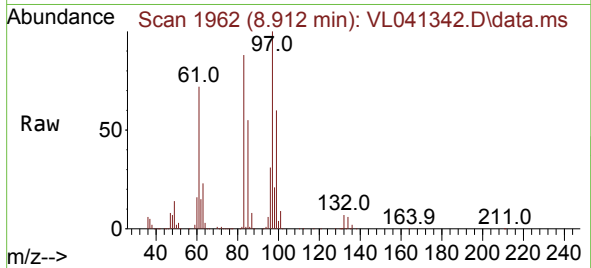




#47
1,1,2-Trichloroethane
Concen: 10.270 ppbv
RT: 8.912 min Scan# 1958
Delta R.T. 0.000 min
Lab File: VL041342.D
Acq: 11 Jun 2024 11:36

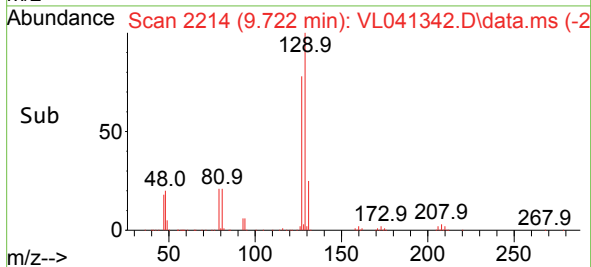
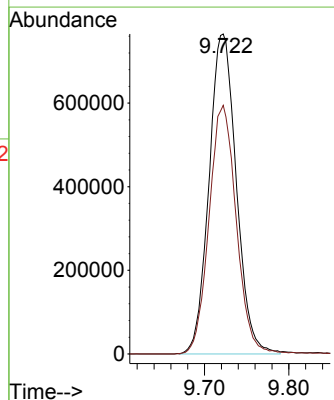
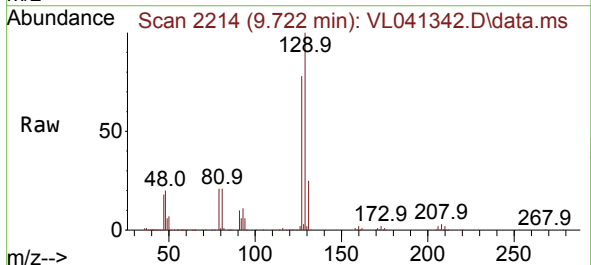
Instrument :
MSVOA_L
ClientSampleId :

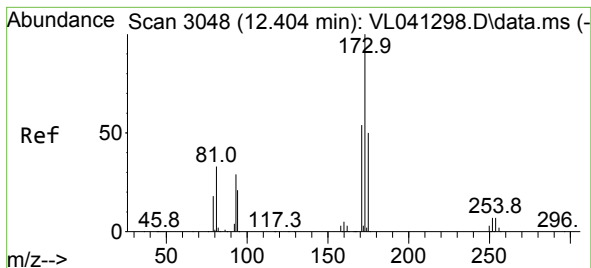
Tgt Ion: 97 Resp: 978825
Ion Ratio Lower Upper
97 100
83 87.9 69.7 104.5
85 54.8 43.1 64.7
99 59.6 47.0 70.6



#48
Dibromochloromethane
Concen: 10.956 ppbv
RT: 9.722 min Scan# 2214
Delta R.T. 0.003 min
Lab File: VL041342.D
Acq: 11 Jun 2024 11:36

Tgt Ion: 129 Resp: 1720954
Ion Ratio Lower Upper
129 100
127 77.9 39.1 117.5





#49

Bromoform

Concen: 11.638 ppbv

RT: 12.413 min Scan# 3048

Delta R.T. 0.000 min

Lab File: VL041342.D

Acq: 11 Jun 2024 11:36

Instrument :

MSVOA_L

ClientSampleId :

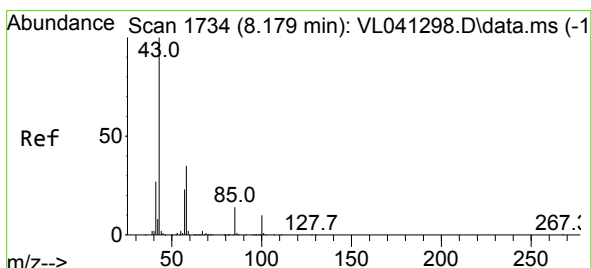
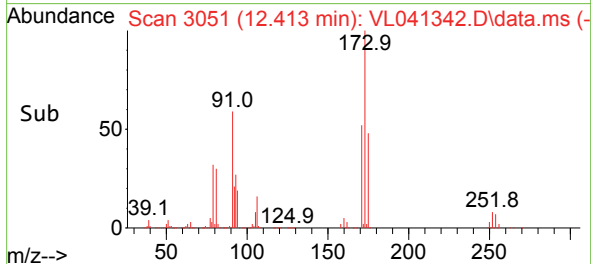
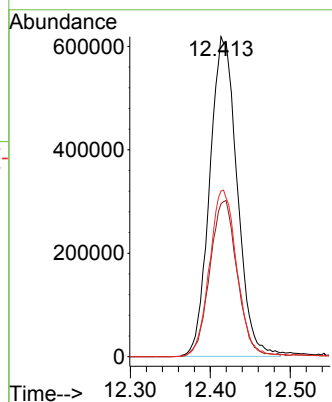
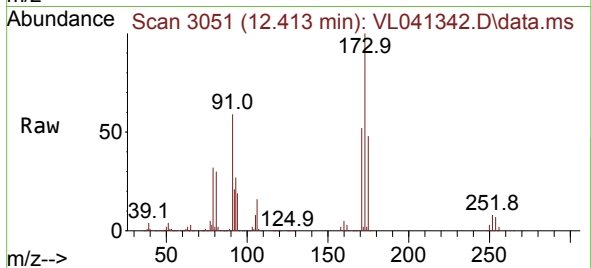
Tgt Ion:173 Resp: 1473141

Ion Ratio Lower Upper

173 100

175 49.9 39.9 59.9

171 52.8 42.6 63.8



#50

4-Methyl-2-Pentanone

Concen: 10.234 ppbv

RT: 8.192 min Scan# 1738

Delta R.T. 0.003 min

Lab File: VL041342.D

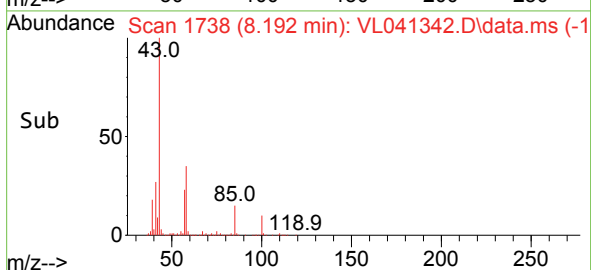
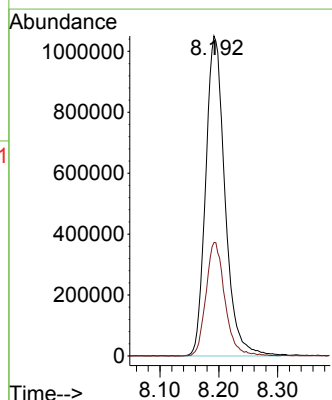
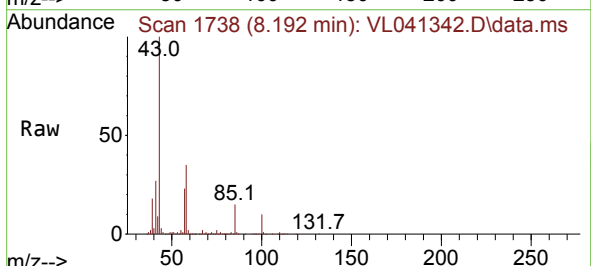
Acq: 11 Jun 2024 11:36

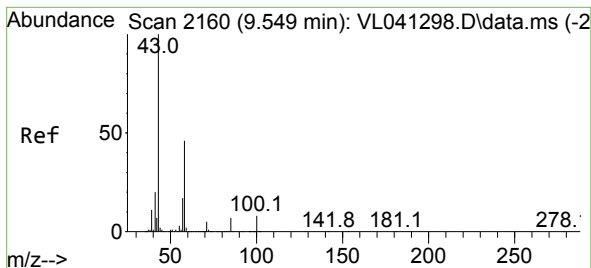
Tgt Ion: 43 Resp: 2398317

Ion Ratio Lower Upper

43 100

58 35.0 27.7 41.5





#51

2-Hexanone

Concen: 10.555 ppbv

RT: 9.561 min Scan# 2164

Delta R.T. 0.003 min

Lab File: VL041342.D

Acq: 11 Jun 2024 11:36

Instrument :

MSVOA_L

ClientSampleId :

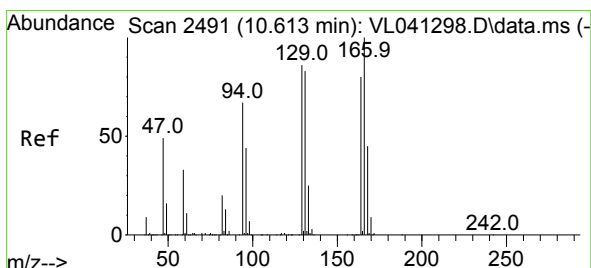
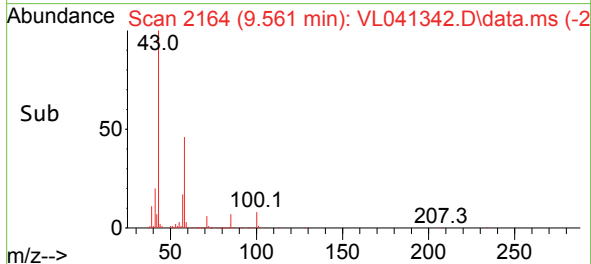
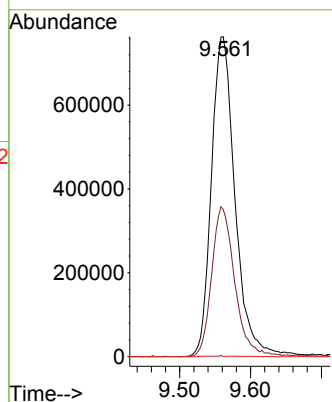
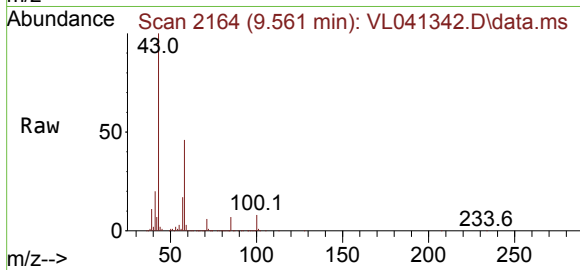
Tgt Ion: 43 Resp: 1758143

Ion Ratio Lower Upper

43 100

58 46.2 37.4 56.0

98 0.2 0.2 0.4#



#52

Tetrachloroethene

Concen: 10.539 ppbv

RT: 10.622 min Scan# 2494

Delta R.T. -0.003 min

Lab File: VL041342.D

Acq: 11 Jun 2024 11:36

Tgt Ion:164 Resp: 880340

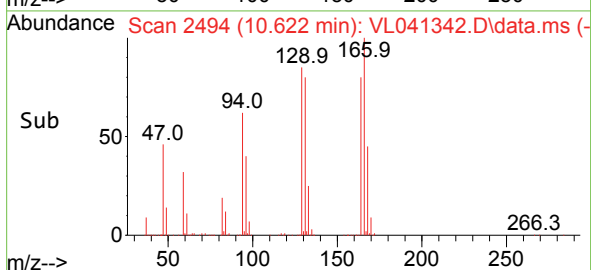
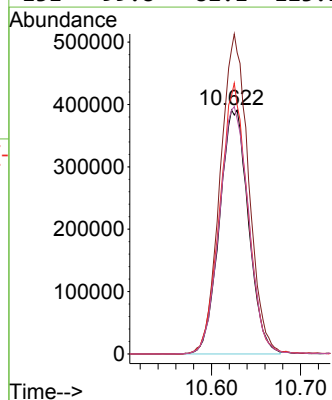
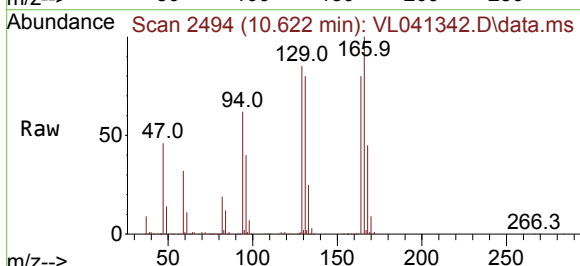
Ion Ratio Lower Upper

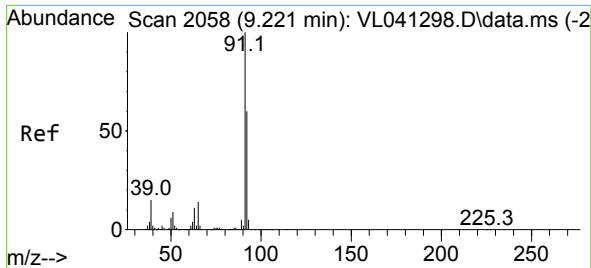
164 100

166 124.8 99.4 149.0

129 105.9 85.4 128.2

131 99.8 82.1 123.1

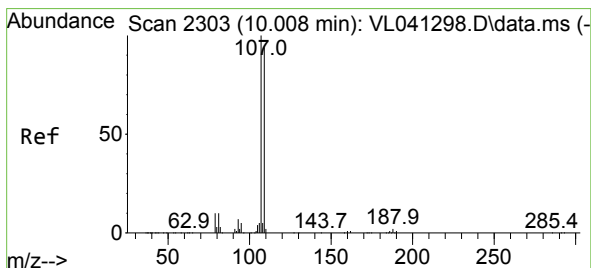
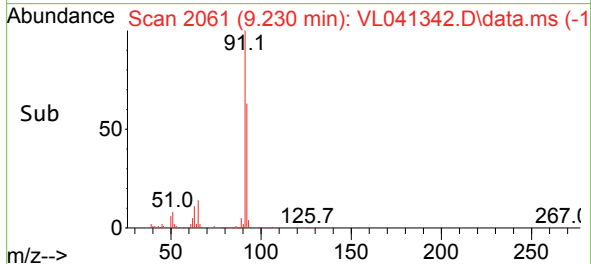
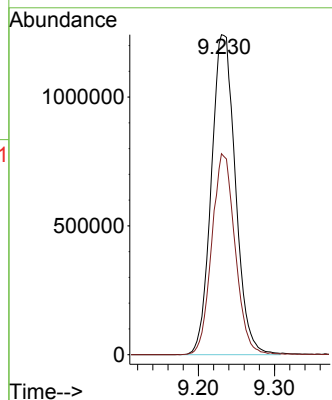
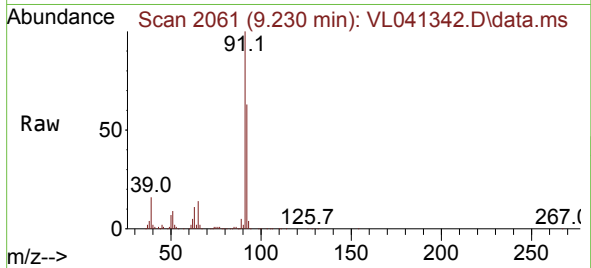




#53
Toluene
Concen: 10.355 ppbv
RT: 9.230 min Scan# 2058
Delta R.T. 0.000 min
Lab File: VL041342.D
Acq: 11 Jun 2024 11:36

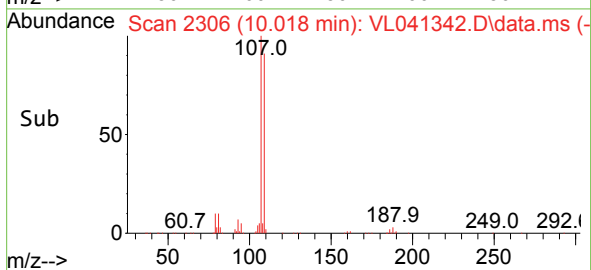
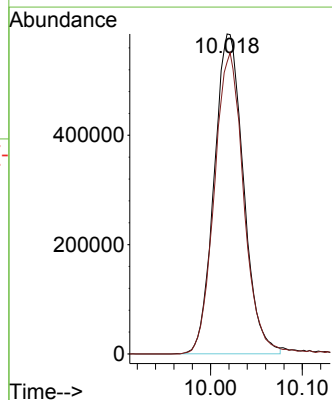
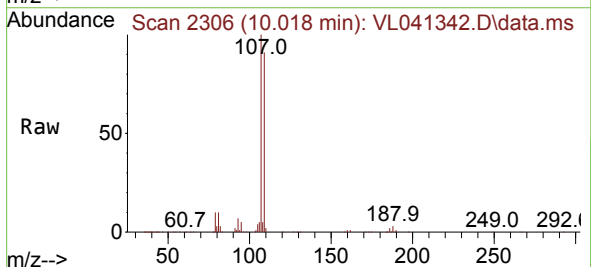
Instrument :
MSVOA_L
ClientSampleId :

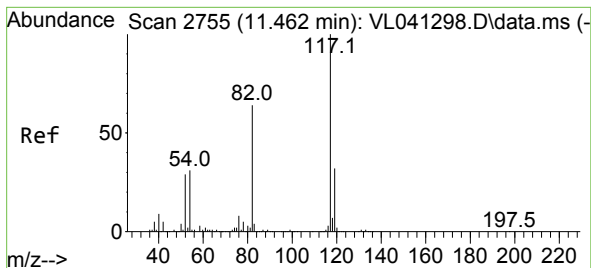
Tgt Ion: 91 Resp: 2728205
Ion Ratio Lower Upper
91 100
92 61.3 49.2 73.8



#54
1,2-Dibromoethane
Concen: 10.464 ppbv
RT: 10.018 min Scan# 2306
Delta R.T. 0.000 min
Lab File: VL041342.D
Acq: 11 Jun 2024 11:36

Tgt Ion: 107 Resp: 1300234
Ion Ratio Lower Upper
107 100
109 91.2 75.0 112.6





#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 11.478 min Scan# 21

Delta R.T. 0.003 min

Lab File: VL041342.D

Acq: 11 Jun 2024 11:36

Instrument :

MSVOA_L

ClientSampleId :

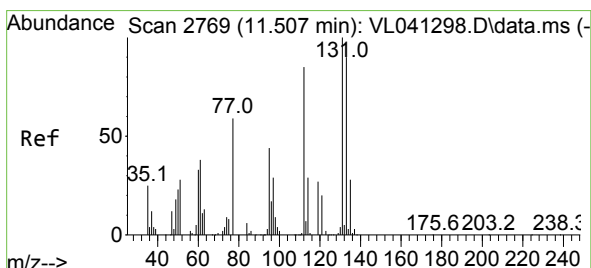
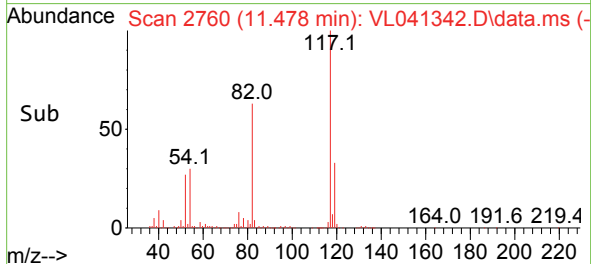
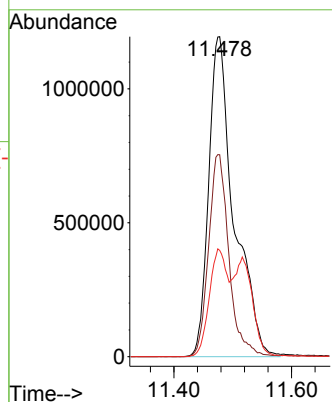
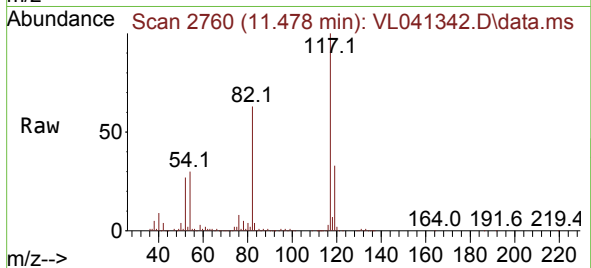
Tgt Ion:117 Resp: 3572916

Ion Ratio Lower Upper

117 100

82 51.3 52.3 78.5#

119 26.6 26.2 39.2



#56

1,1,1,2-Tetrachloroethane

Concen: 8.339 ppbv

RT: 11.516 min Scan# 2772

Delta R.T. 0.000 min

Lab File: VL041342.D

Acq: 11 Jun 2024 11:36

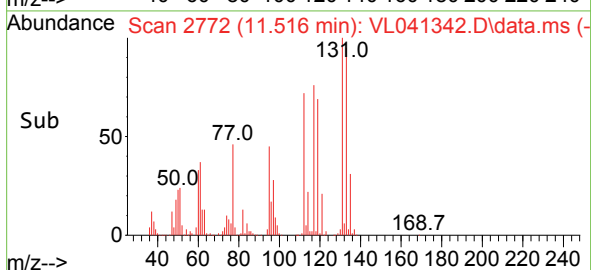
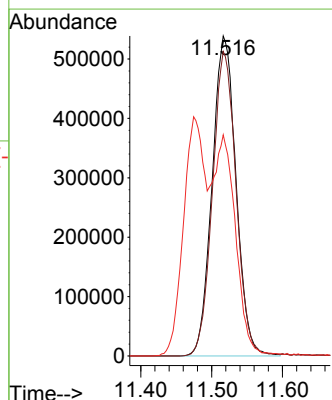
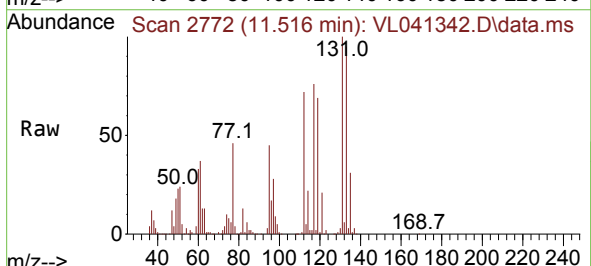
Tgt Ion:131 Resp: 1260121

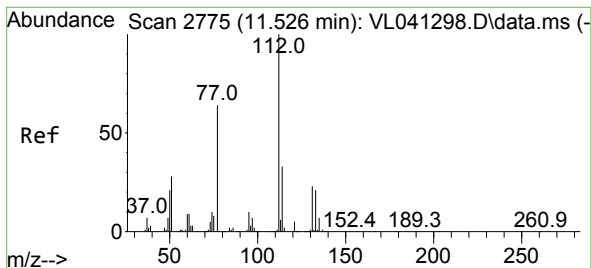
Ion Ratio Lower Upper

131 100

133 95.1 75.8 113.6

119 59.4 48.3 72.5





#57

Chlorobenzene

Concen: 7.922 ppbv

RT: 11.536 min Scan# 21

Delta R.T. 0.000 min

Lab File: VL041342.D

Acq: 11 Jun 2024 11:36

Instrument :

MSVOA_L

ClientSampleId :

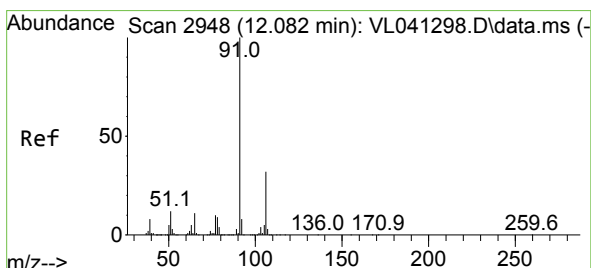
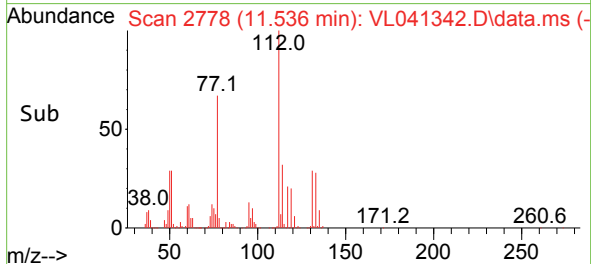
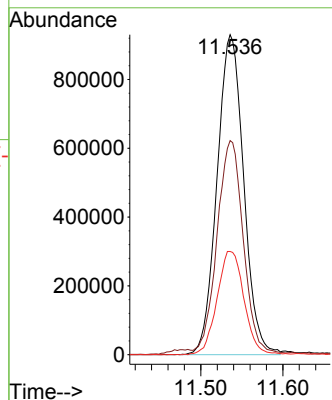
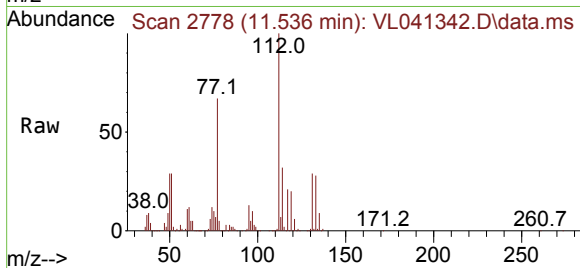
Tgt Ion:112 Resp: 2102580

Ion Ratio Lower Upper

112 100

77 66.1 52.0 78.0

114 32.3 29.8 36.4



#58

Ethyl Benzene

Concen: 8.069 ppbv

RT: 12.098 min Scan# 2953

Delta R.T. 0.003 min

Lab File: VL041342.D

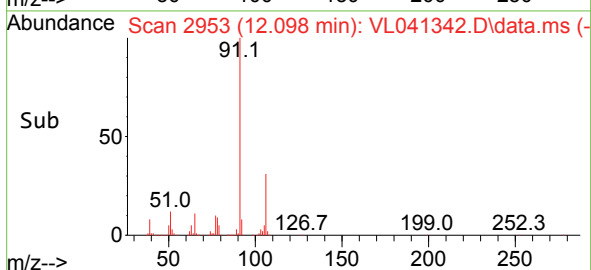
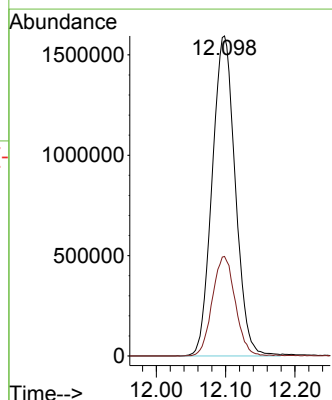
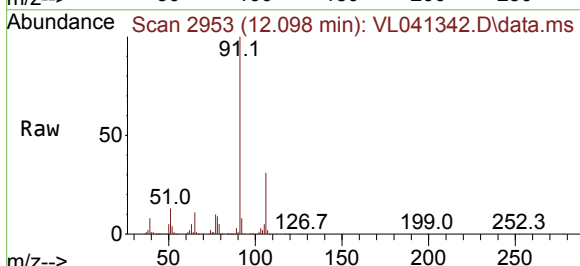
Acq: 11 Jun 2024 11:36

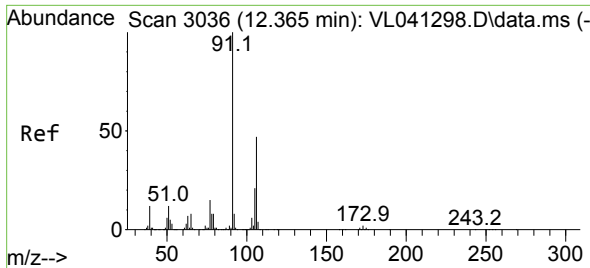
Tgt Ion: 91 Resp: 3695389

Ion Ratio Lower Upper

91 100

106 31.1 25.5 38.3





#59

m/p-Xylene

Concen: 8.042 ppbv

RT: 12.381 min Scan# 3036

Delta R.T. 0.003 min

Lab File: VL041342.D

Acq: 11 Jun 2024 11:36

Instrument :

MSVOA_L

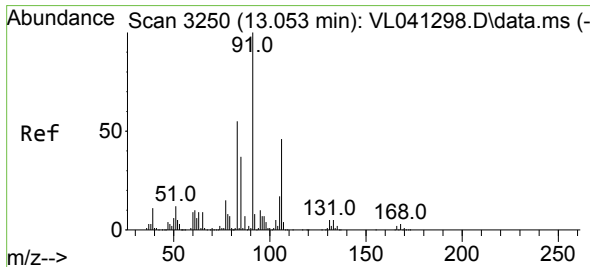
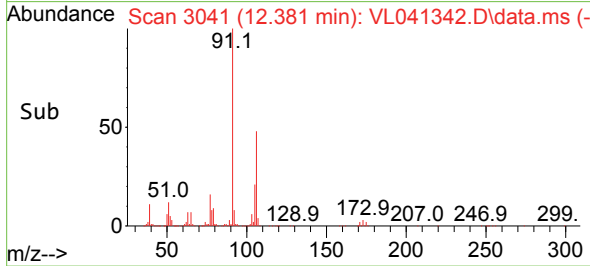
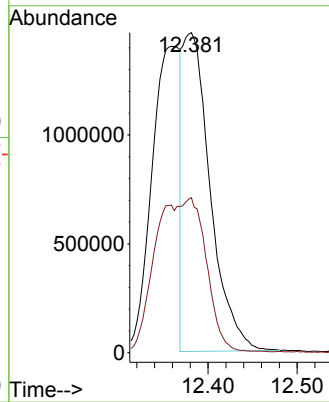
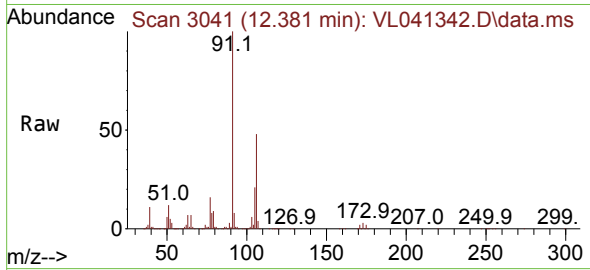
ClientSampleId :

Tgt Ion: 91 Resp: 3155579

Ion Ratio Lower Upper

91 100

106 89.6 35.7 53.5#



#60

o-Xylene

Concen: 7.943 ppbv

RT: 13.069 min Scan# 3255

Delta R.T. 0.003 min

Lab File: VL041342.D

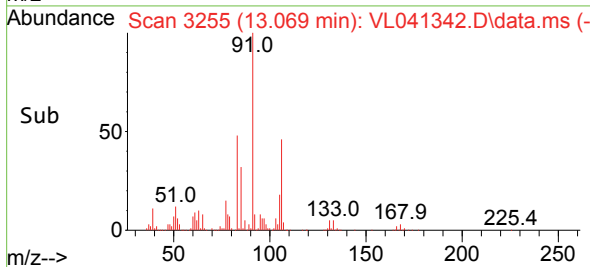
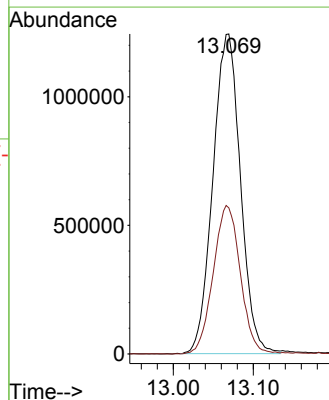
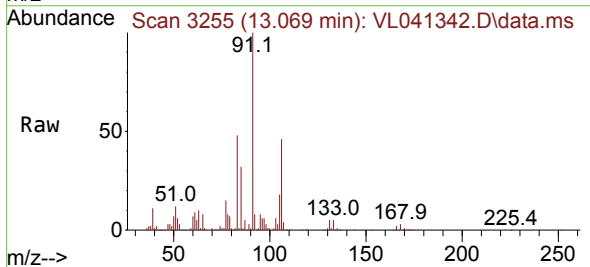
Acq: 11 Jun 2024 11:36

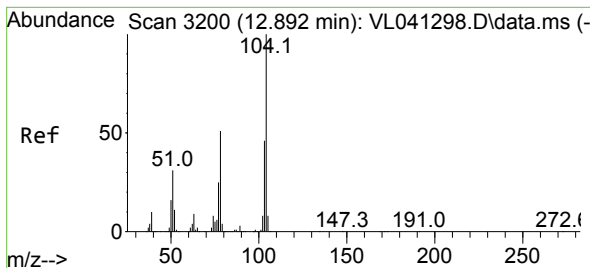
Tgt Ion: 91 Resp: 2971397

Ion Ratio Lower Upper

91 100

106 46.4 22.8 68.4





#61

Styrene

Concen: 8.694 ppbv

RT: 12.905 min Scan# 31

Delta R.T. 0.000 min

Lab File: VL041342.D

Acq: 11 Jun 2024 11:36

Instrument :

MSVOA_L

ClientSampleId :

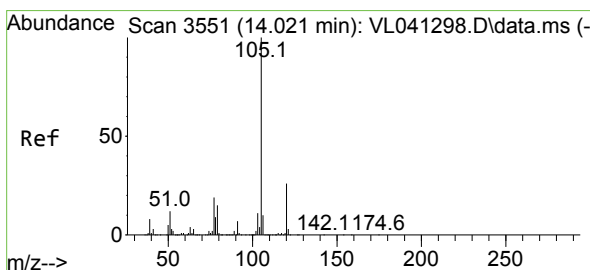
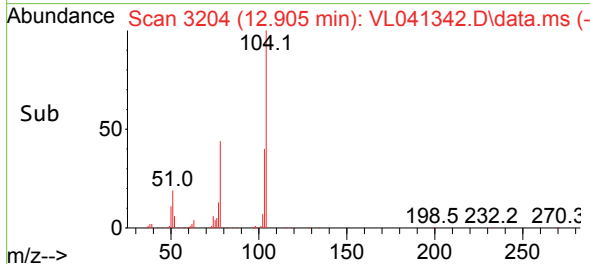
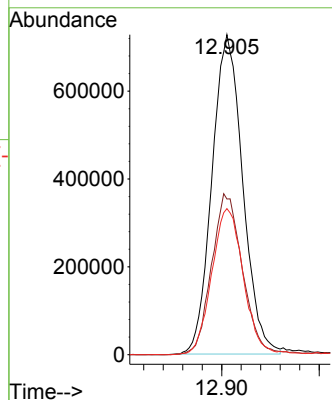
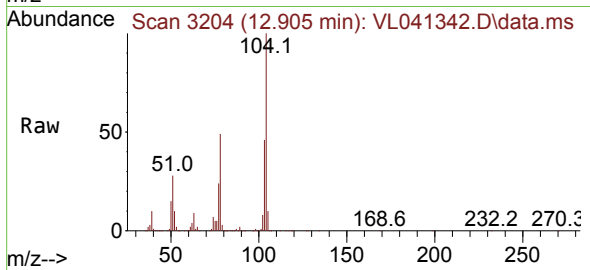
Tgt Ion:104 Resp: 1594368

Ion Ratio Lower Upper

104 100

78 51.1 42.2 63.4

103 47.3 37.9 56.9



#62

Isopropylbenzene

Concen: 7.922 ppbv

RT: 14.037 min Scan# 3556

Delta R.T. 0.000 min

Lab File: VL041342.D

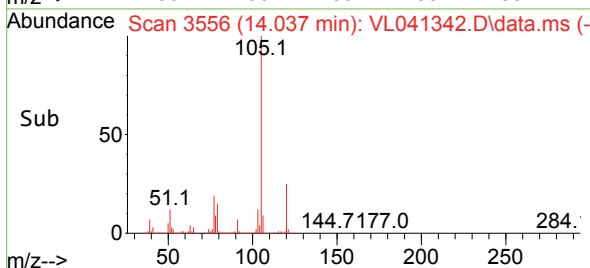
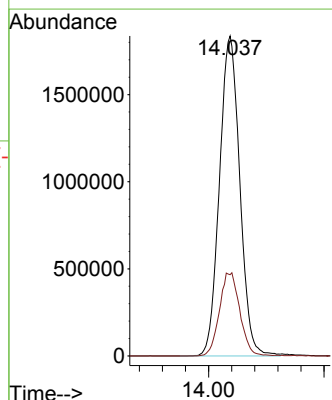
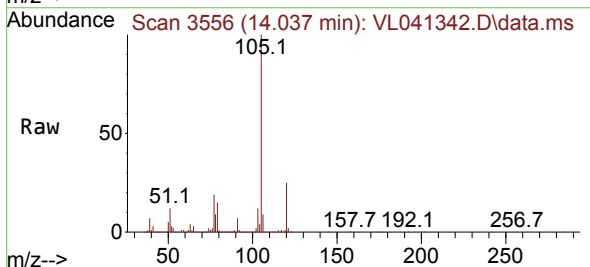
Acq: 11 Jun 2024 11:36

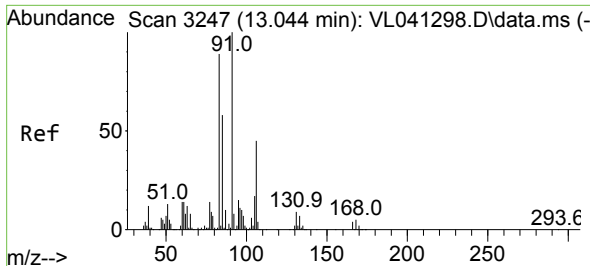
Tgt Ion:105 Resp: 4481914

Ion Ratio Lower Upper

105 100

120 26.3 20.4 30.6

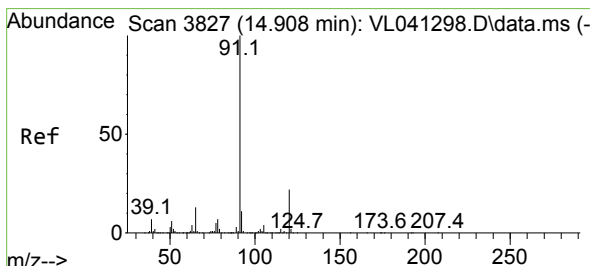
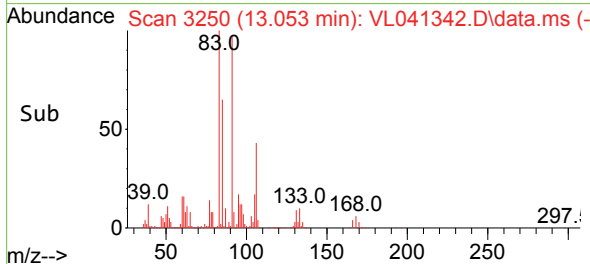
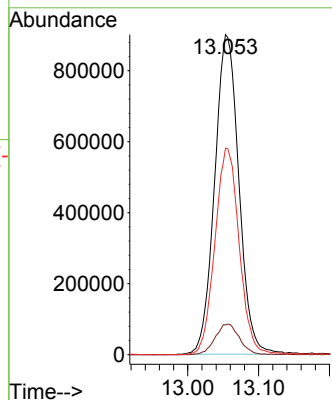
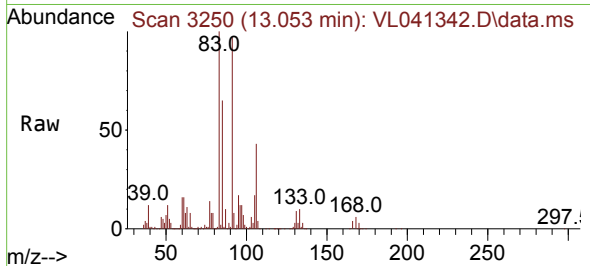




#63
1,1,2,2-Tetrachloroethane
Concen: 8.023 ppbv
RT: 13.053 min Scan# 31
Delta R.T. 0.000 min
Lab File: VL041342.D
Acq: 11 Jun 2024 11:36

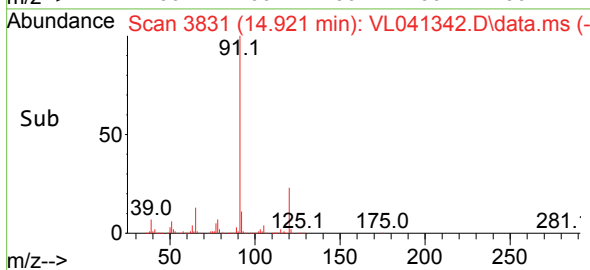
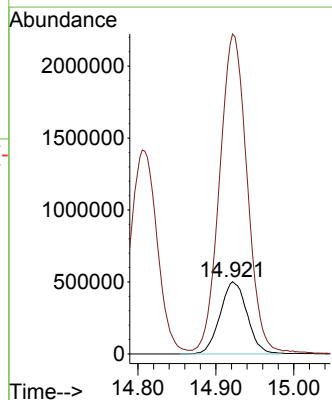
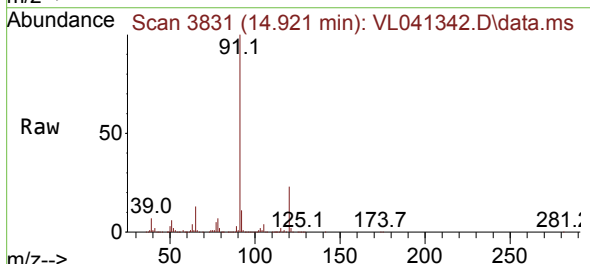
Instrument :
MSVOA_L
ClientSampleId :

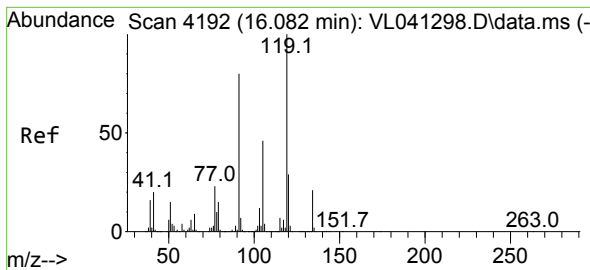
Tgt Ion: 83 Resp: 2135188
Ion Ratio Lower Upper
83 100
131 9.7 4.7 14.1
85 65.4 32.6 97.7



#64
n-propylbenzene
Concen: 8.276 ppbv
RT: 14.921 min Scan# 3831
Delta R.T. 0.000 min
Lab File: VL041342.D
Acq: 11 Jun 2024 11:36

Tgt Ion:120 Resp: 1206730
Ion Ratio Lower Upper
120 100
91 455.5 374.2 561.2

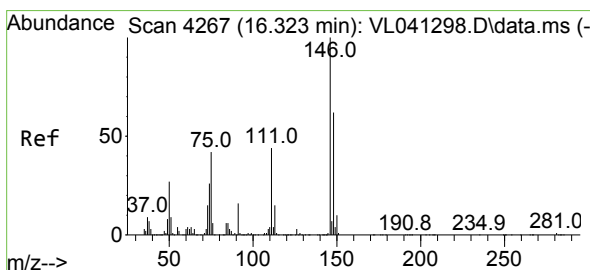
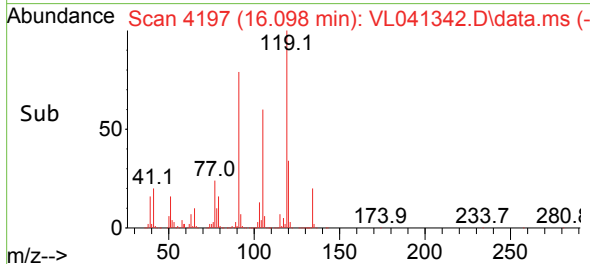
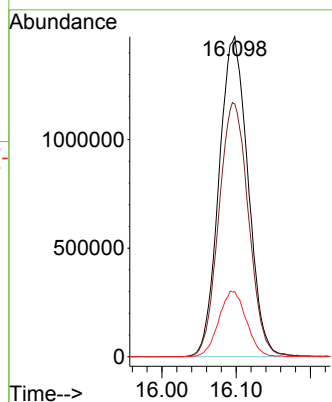
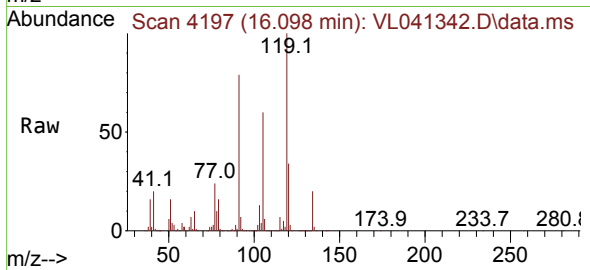




#65
 tert-Butylbenzene
 Concen: 7.935 ppbv
 RT: 16.098 min Scan# 4192
 Delta R.T. 0.003 min
 Lab File: VL041342.D
 Acq: 11 Jun 2024 11:36

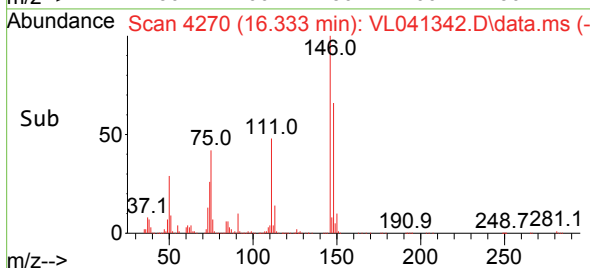
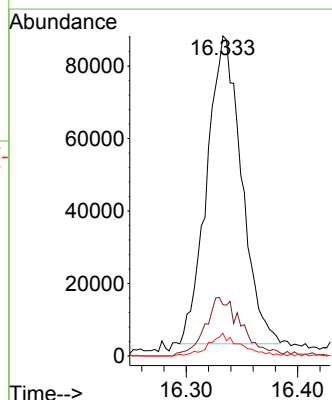
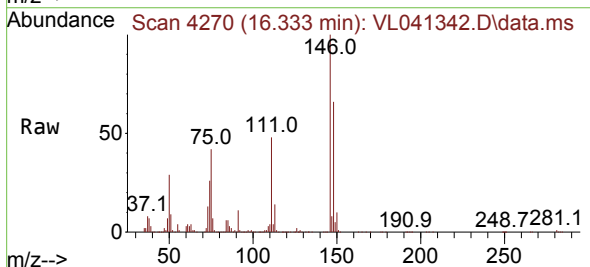
Instrument :
 MSVOA_L
 ClientSampleId :

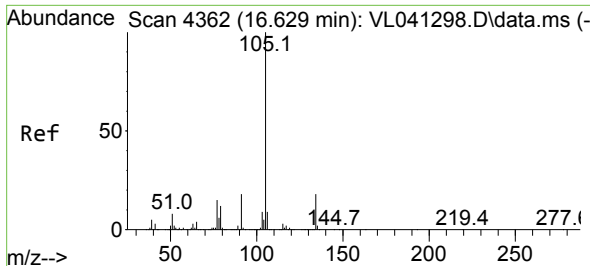
Tgt Ion:119 Resp: 3990740
 Ion Ratio Lower Upper
 119 100
 91 81.5 66.5 99.7
 134 19.6 15.7 23.5



#66
 Benzyl Chloride
 Concen: 5.552 ppbv
 RT: 16.333 min Scan# 4270
 Delta R.T. 0.000 min
 Lab File: VL041342.D
 Acq: 11 Jun 2024 11:36

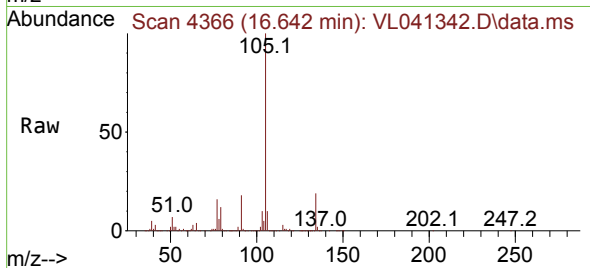
Tgt Ion: 91 Resp: 183729
 Ion Ratio Lower Upper
 91 100
 126 20.7 13.4 20.2#
 128 6.7 4.6 6.8



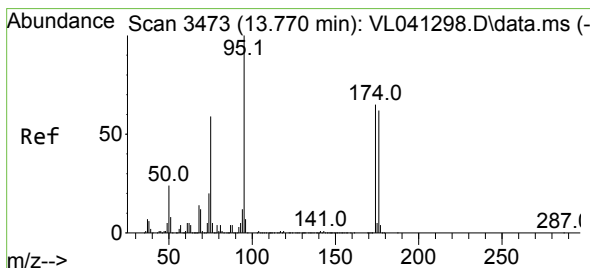
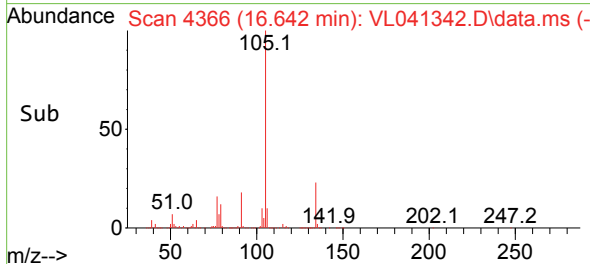
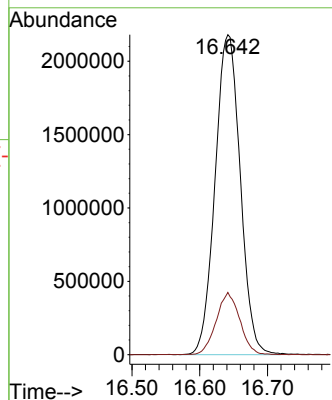


#67
 sec-Butylbenzene
 Concen: 7.902 ppbv
 RT: 16.642 min Scan# 41
 Delta R.T. 0.000 min
 Lab File: VL041342.D
 Acq: 11 Jun 2024 11:36

Instrument :
 MSVOA_L
 ClientSampleId :

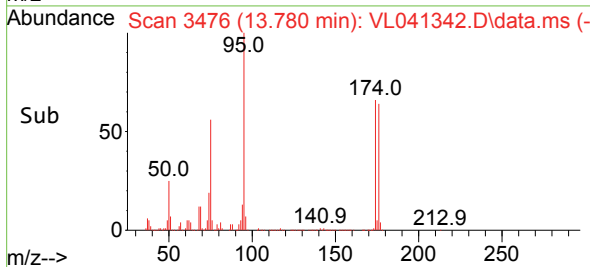
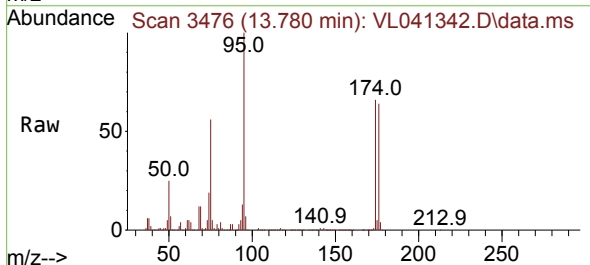
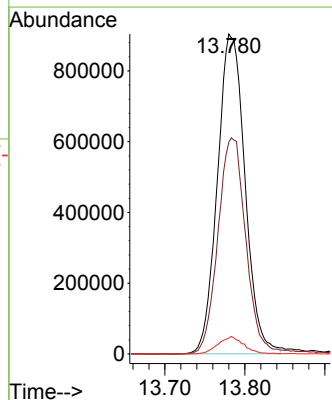


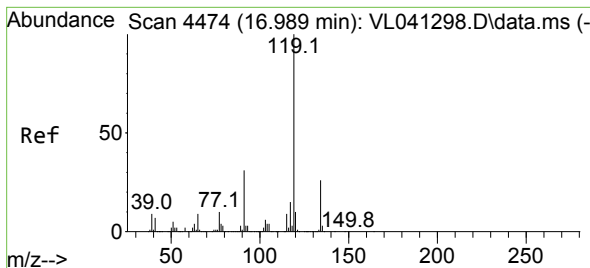
Tgt Ion:105 Resp: 5614860
 Ion Ratio Lower Upper
 105 100
 134 18.4 14.3 21.5



#68
 1-Bromo-4-Fluorobenzene
 Concen: 7.845 ppbv
 RT: 13.780 min Scan# 3476
 Delta R.T. 0.000 min
 Lab File: VL041342.D
 Acq: 11 Jun 2024 11:36

Tgt Ion: 95 Resp: 2164232
 Ion Ratio Lower Upper
 95 100
 174 69.5 52.2 78.2
 175 5.2 4.1 6.1





#69

p-Isopropyltoluene

Concen: 8.116 ppbv

RT: 17.002 min Scan# 4478

Delta R.T. 0.000 min

Lab File: VL041342.D

Acq: 11 Jun 2024 11:36

Instrument :

MSVOA_L

ClientSampleId :

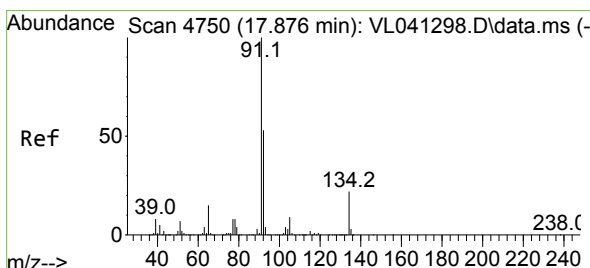
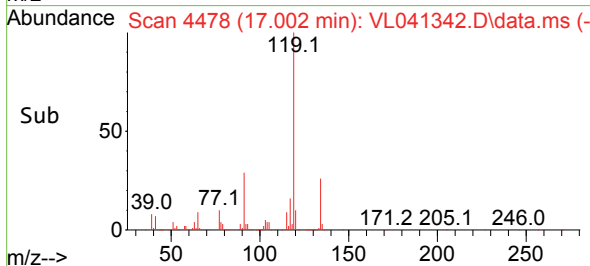
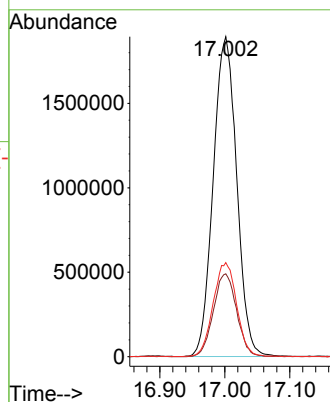
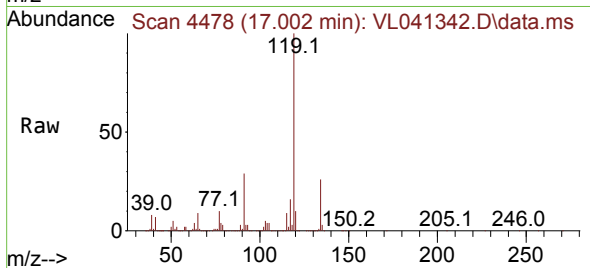
Tgt Ion:119 Resp: 4752257

Ion Ratio Lower Upper

119 100

134 25.7 20.1 30.1

91 29.4 24.1 36.1



#70

n-Butylbenzene

Concen: 8.105 ppbv

RT: 17.889 min Scan# 4754

Delta R.T. -0.003 min

Lab File: VL041342.D

Acq: 11 Jun 2024 11:36

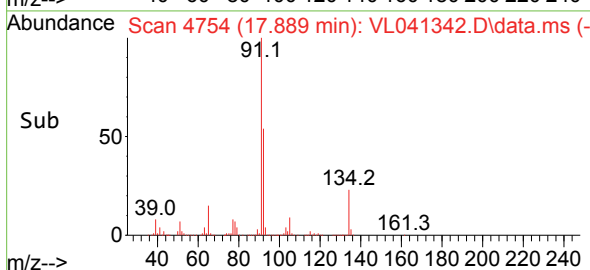
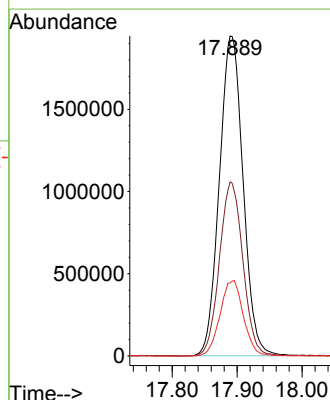
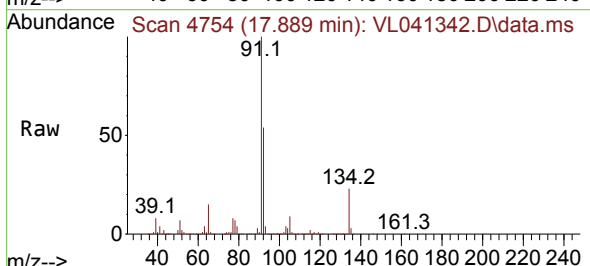
Tgt Ion: 91 Resp: 4923776

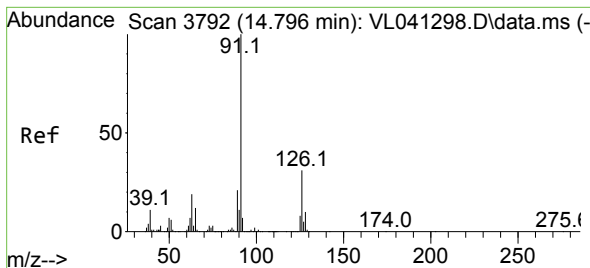
Ion Ratio Lower Upper

91 100

92 54.0 42.9 64.3

134 23.3 17.9 26.9

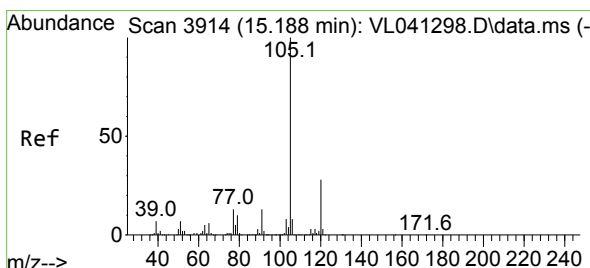
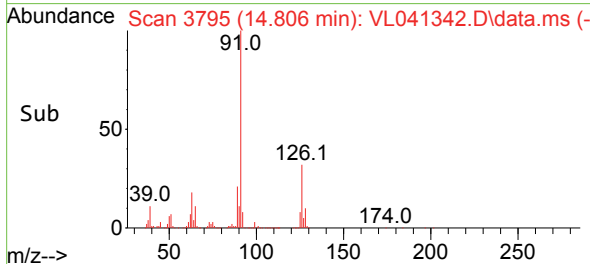
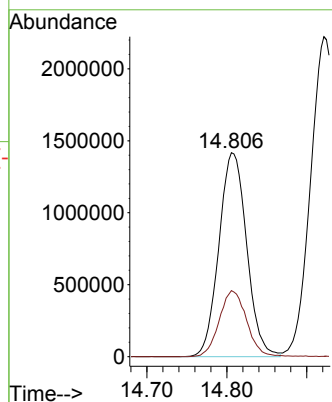
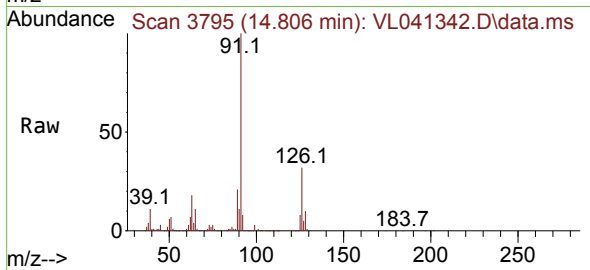




#71
2-Chlorotoluene
Concen: 7.889 ppbv
RT: 14.806 min Scan# 31
Delta R.T. 0.000 min
Lab File: VL041342.D
Acq: 11 Jun 2024 11:36

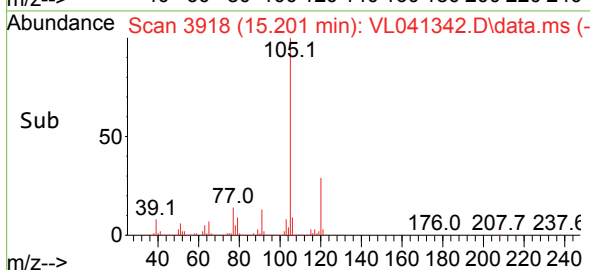
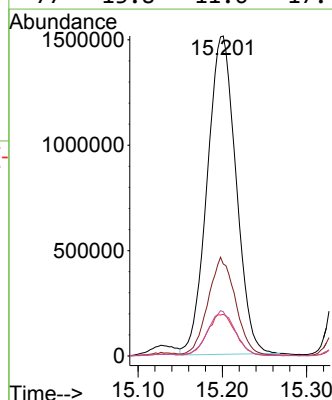
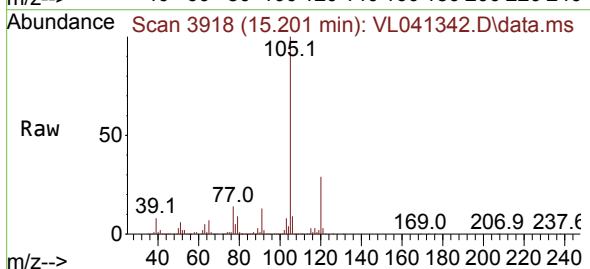
Instrument :
MSVOA_L
ClientSampleId :

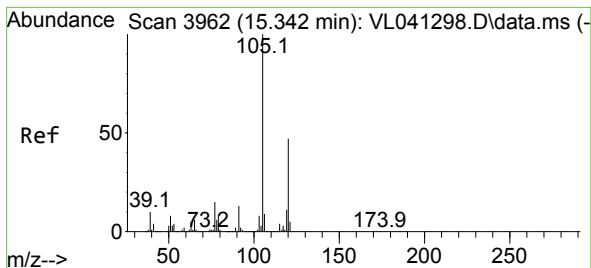
Tgt Ion: 91 Resp: 3415782
Ion Ratio Lower Upper
91 100
126 32.4 12.4 49.8



#72
4-Ethyltoluene
Concen: 8.230 ppbv
RT: 15.201 min Scan# 3918
Delta R.T. 0.003 min
Lab File: VL041342.D
Acq: 11 Jun 2024 11:36

Tgt Ion:105 Resp: 3586456
Ion Ratio Lower Upper
105 100
120 30.2 23.7 35.5
91 13.8 10.6 16.0
77 13.8 11.6 17.4





#73

1,3,5-Trimethylbenzene

Concen: 8.319 ppbv

RT: 15.355 min Scan# 3966

Delta R.T. -0.003 min

Lab File: VL041342.D

Acq: 11 Jun 2024 11:36

Instrument :

MSVOA_L

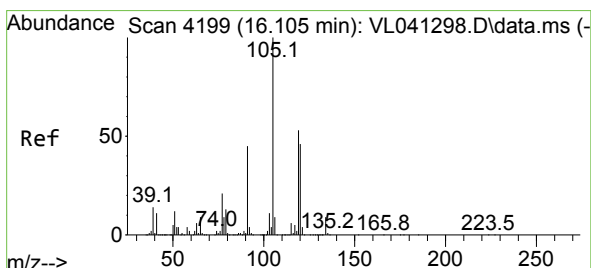
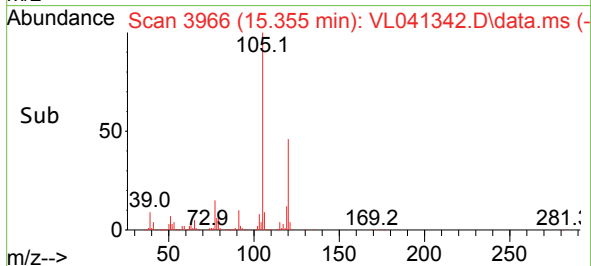
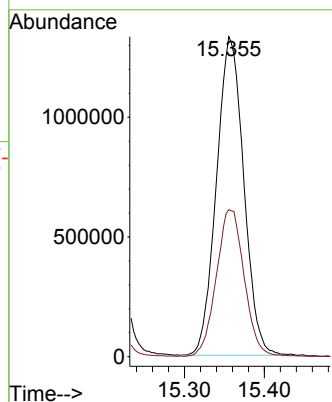
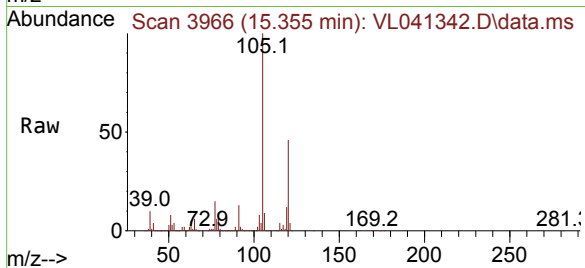
ClientSampleId :

Tgt Ion:105 Resp: 3146785

Ion Ratio Lower Upper

105 100

120 46.0 37.8 56.8



#74

1,2,4-Trimethylbenzene

Concen: 8.051 ppbv

RT: 16.114 min Scan# 4202

Delta R.T. 0.003 min

Lab File: VL041342.D

Acq: 11 Jun 2024 11:36

Tgt Ion:105 Resp: 3443883

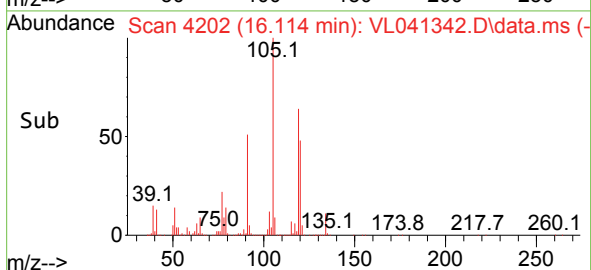
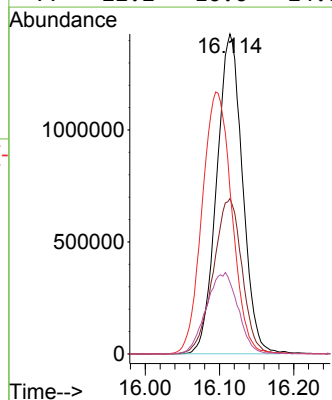
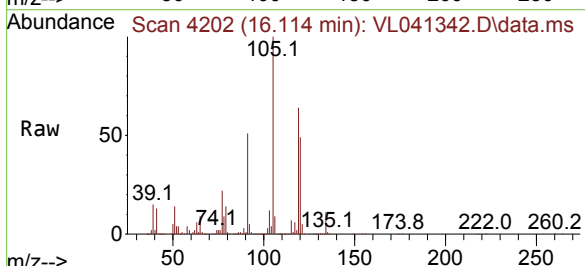
Ion Ratio Lower Upper

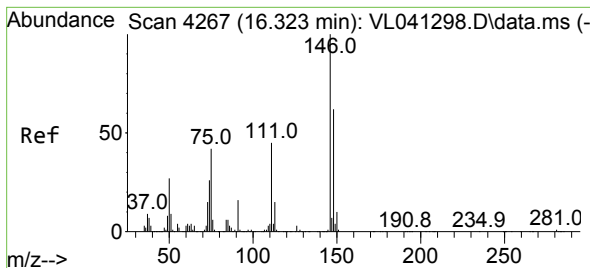
105 100

120 48.3 37.0 55.6

91 51.1 36.2 54.4

77 22.2 16.6 24.8





#75

1,3-Dichlorobenzene

Concen: 8.466 ppbv

RT: 16.336 min Scan# 4316

Delta R.T. 0.000 min

Lab File: VL041342.D

Acq: 11 Jun 2024 11:36

Instrument :

MSVOA_L

ClientSampleId :

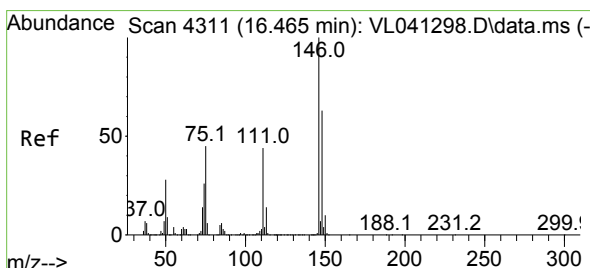
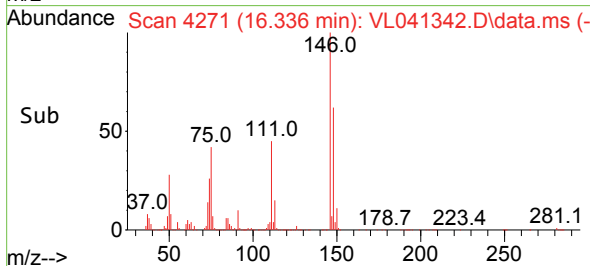
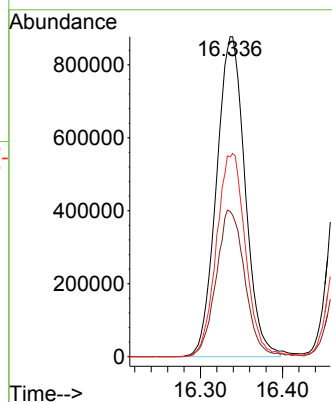
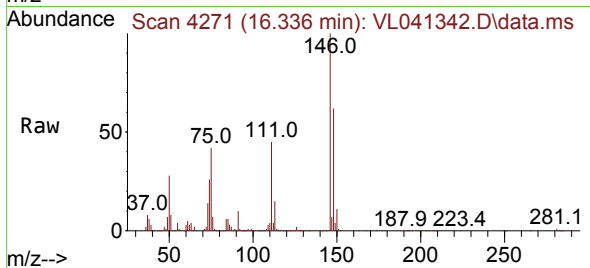
Tgt Ion:146 Resp: 2126017

Ion Ratio Lower Upper

146 100

111 46.0 23.3 69.8

148 64.6 32.2 96.6



#76

1,4-Dichlorobenzene

Concen: 8.316 ppbv

RT: 16.481 min Scan# 4316

Delta R.T. 0.000 min

Lab File: VL041342.D

Acq: 11 Jun 2024 11:36

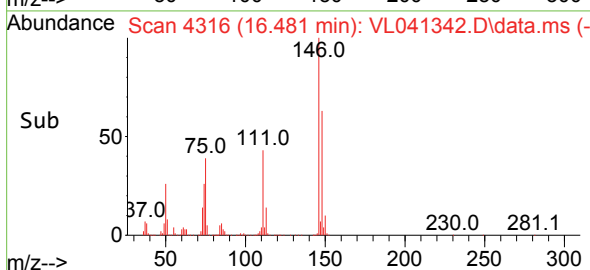
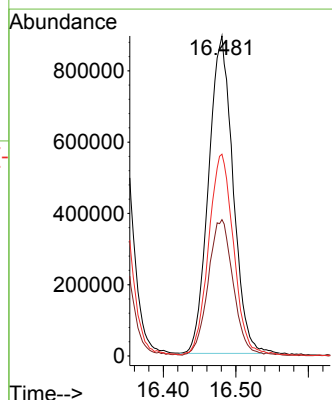
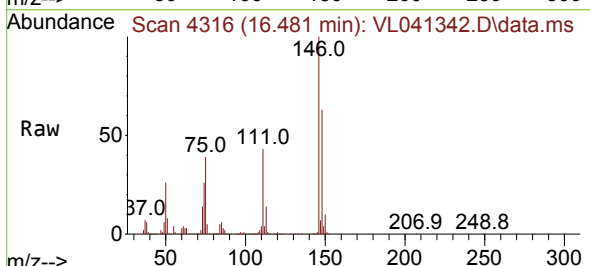
Tgt Ion:146 Resp: 2086616

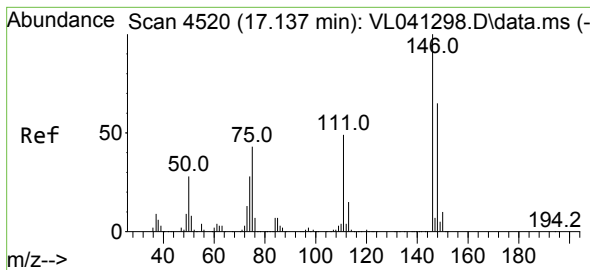
Ion Ratio Lower Upper

146 100

111 44.4 23.3 69.9

148 65.7 32.9 98.6





#77

1,2-Dichlorobenzene

Concen: 8.237 ppbv

RT: 17.150 min Scan# 41

Delta R.T. 0.000 min

Lab File: VL041342.D

Acq: 11 Jun 2024 11:36

Instrument :

MSVOA_L

ClientSampleId :

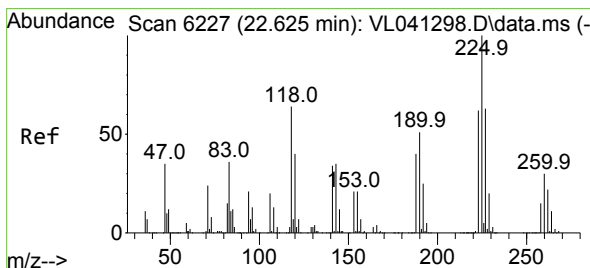
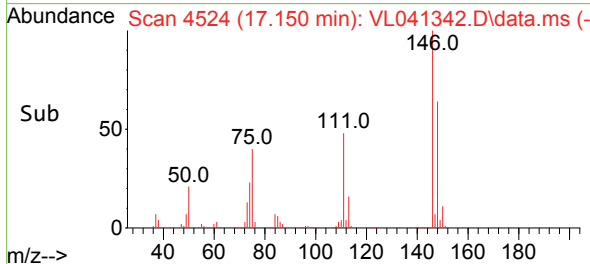
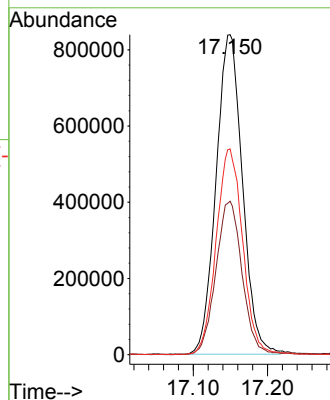
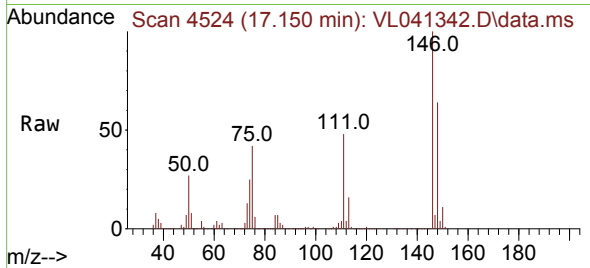
Tgt Ion:146 Resp: 2070548

Ion Ratio Lower Upper

146 100

111 48.2 24.3 72.9

148 64.7 32.0 96.0



#78

Hexachloro-1,3-Butadiene

Concen: 7.394 ppbv

RT: 22.638 min Scan# 6231

Delta R.T. 0.000 min

Lab File: VL041342.D

Acq: 11 Jun 2024 11:36

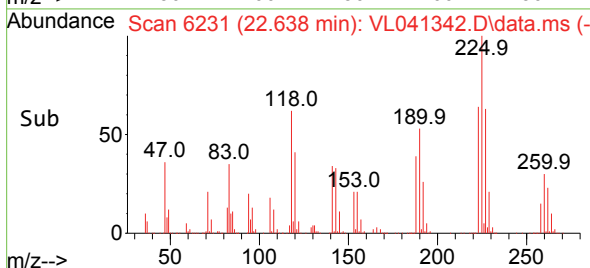
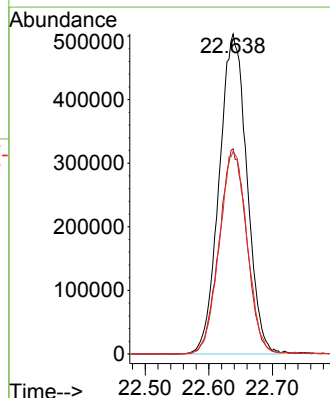
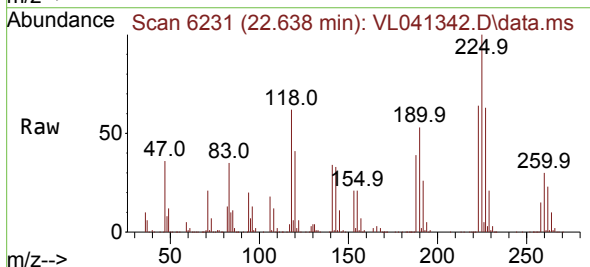
Tgt Ion:225 Resp: 1523181

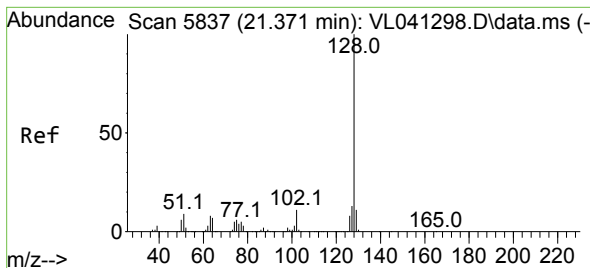
Ion Ratio Lower Upper

225 100

223 64.0 51.0 76.6

227 63.8 51.1 76.7





#79

Naphthalene

Concen: 9.530 ppbv

RT: 21.390 min Scan# 5843

Delta R.T. 0.003 min

Lab File: VL041342.D

Acq: 11 Jun 2024 11:36

Instrument :

MSVOA_L

ClientSampleId :

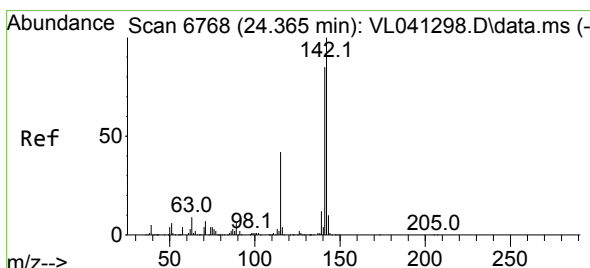
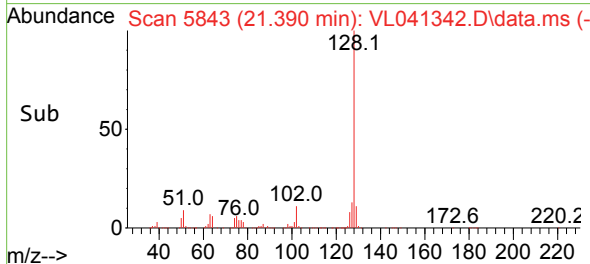
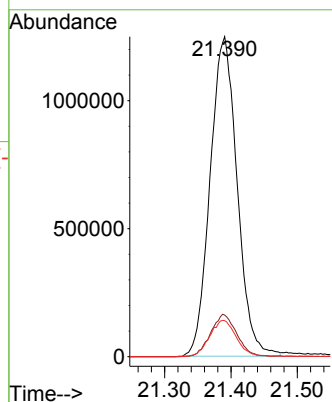
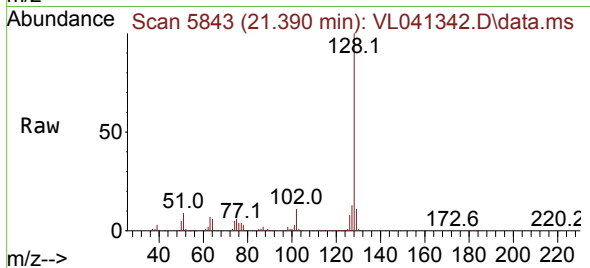
Tgt Ion:128 Resp: 3537334

Ion Ratio Lower Upper

128 100

127 13.0 10.5 15.7

129 11.2 9.1 13.7



#80

Naphthalene,2-methyl-

Concen: 7.659 ppbv

RT: 24.378 min Scan# 6772

Delta R.T. 0.000 min

Lab File: VL041342.D

Acq: 11 Jun 2024 11:36

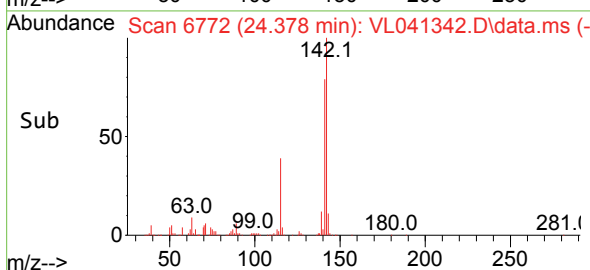
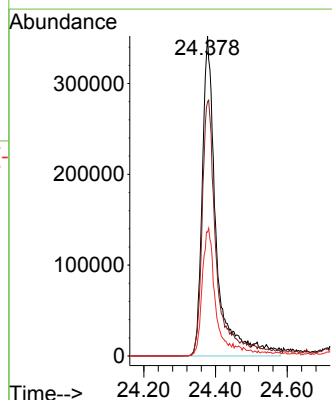
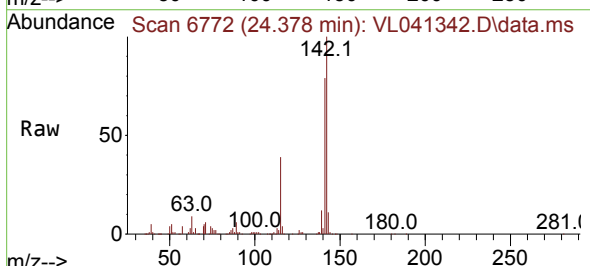
Tgt Ion:142 Resp: 959980

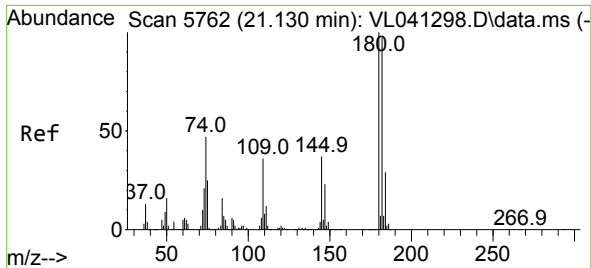
Ion Ratio Lower Upper

142 100

141 84.5 68.5 102.7

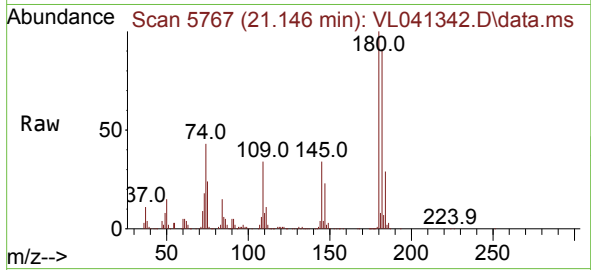
115 40.9 32.6 49.0





#81
 1,2,4-Trichlorobenzene
 Concen: 8.650 ppbv
 RT: 21.146 min Scan# 51
 Delta R.T. 0.000 min
 Lab File: VL041342.D
 Acq: 11 Jun 2024 11:36

Instrument :
 MSVOA_L
 ClientSampleId :



Tgt Ion:180 Resp: 1790394
 Ion Ratio Lower Upper
 180 100
 182 95.9 77.0 115.6
 184 30.8 0.0 0.0#

