

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL073124\
 Data File : VL041464.D
 Acq On : 31 Jul 2024 15:36
 Operator : SY/MD
 Sample : P3390-14 0.03 LOQ
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :

Quant Time: Aug 01 03:55:58 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL072524AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Thu Aug 01 02:36:30 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.198	49	984493	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.658	114	2724034	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.475	117	2467120	10.000	ppbv	# 0.00

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.786	95	1858043	9.786	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	97.900%

Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.739	85	6174	0.036	ppbv	92
3) Chlorodifluoromethane	2.681	51	3932	0.034	ppbv	96
4) Chloromethane	2.816	50	1222	0.020	ppbv	90
5) Vinyl Chloride	2.925	62	935	0.015	ppbv #	79
6) Bromomethane	3.124	94	709	0.022	ppbv #	51
7) Chloroethane	3.195	64	29	0.001	ppbv #	44
8) Dichlorotetrafluoroethane	2.864	85	5073	0.034	ppbv	89
9) Propene	2.700	41	6098	0.113	ppbv	98
10) Heptane	7.590	43	912	0.008	ppbv #	1
11) Trichlorofluoromethane	3.607	101	77	0.001	ppbv	97
12) 1,1,2-Trichlorotrifluo...	4.073	101	2214	0.020	ppbv #	36
13) Ethanol	3.253	45	135	0.028	ppbv #	41
14) Bromoethene	3.366	108	272	0.006	ppbv #	1
15) Acetone	3.465	43	171	0.002	ppbv #	48
16) 1,3-Butadiene	2.993	39	1971	0.033	ppbv	93
17) tert-Butyl alcohol	3.903	59	303	0.003	ppbv #	72
18) 1,1-Dichloroethene	3.886	96	958	0.021	ppbv #	70
19) Isopropyl Alcohol	3.571	45	99	0.002	ppbv #	93
20) Methylene Chloride	3.938	84	4654	0.112	ppbv #	85
21) Allyl Chloride	4.002	41	852	0.012	ppbv #	12
22) trans-1,2-Dichloroethene	4.452	96	1288	0.028	ppbv #	30
23) Vinyl Acetate	4.632	43	937	0.011	ppbv #	28
24) 1,1-Dichloroethane	4.575	63	2508	0.025	ppbv #	82
25) Ethyl Acetate	5.224	43	4632	0.021	ppbv #	79
26) Hexane	5.221	57	2204	0.024	ppbv #	1
27) Carbon Disulfide	4.121	76	895	0.008	ppbv #	63
28) Methyl tert-Butyl Ether	4.607	73	953	0.016	ppbv #	52
29) Chloroform	5.282	83	4100	0.027	ppbv #	68
30) Cyclohexane	6.607	84	841	0.011	ppbv #	1
31) cis-1,2-Dichloroethene	5.089	61	2036	0.022	ppbv #	79
32) 1,1,1-Trichloroethane	6.009	97	3158	0.022	ppbv #	72
34) 2-Butanone	4.800	43	430	0.003	ppbv #	54
35) Carbon Tetrachloride	6.491	117	1733	0.012	ppbv #	53
36) Benzene	6.375	78	3372	0.017	ppbv #	55
37) 1,2-Dichloroethane	5.809	62	2009	0.018	ppbv #	82
38) Trichloroethene	7.301	130	1077	0.012	ppbv #	12
39) 1,2-Dichloropropane	6.658	63	672088	8.820	ppbv #	25
40) 1,4-Dioxane	7.308	88	212	0.007	ppbv #	1
41) Tetrahydrofuran	5.552	42	35	0.000	ppbv #	37
42) Bromodichloromethane	7.263	83	1595	0.010	ppbv #	45
43) Methyl Methacrylate	7.478	69	328	0.005	ppbv #	1
44) 2,2,4-Trimethylpentane	7.333	57	4027	0.012	ppbv #	1
45) t-1,3-Dichloropropene	8.713	75	499	0.008	ppbv #	42

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL073124\
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 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

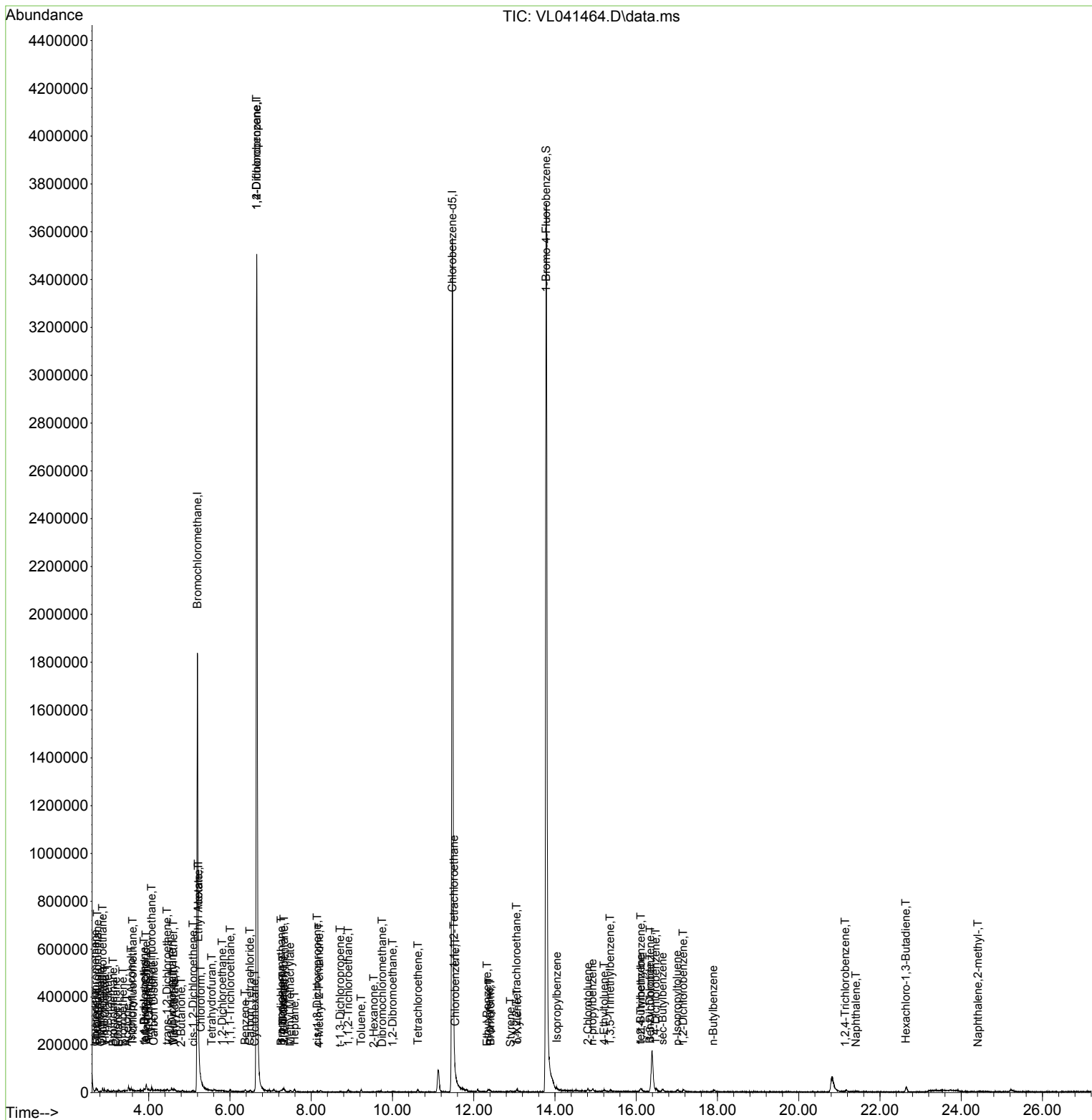
Instrument :
 MSVOA_L
 ClientSampleId :

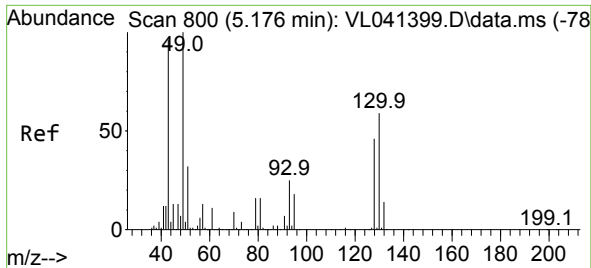
Quant Time: Aug 01 03:55:58 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL072524AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.150	75	400	0.004	ppbv #	76
47) 1,1,2-Trichloroethane	8.909	97	462	0.006	ppbv #	15
48) Dibromochloromethane	9.745	129	156	0.001	ppbv	75
49) Bromoform	12.413	173	339	0.003	ppbv #	27
50) 4-Methyl-2-Pentanone	8.195	43	204	0.001	ppbv #	40
51) 2-Hexanone	9.539	43	103	0.001	ppbv #	29
52) Tetrachloroethene	10.629	164	1054	0.014	ppbv #	14
53) Toluene	9.230	91	939	0.004	ppbv #	20
54) 1,2-Dibromoethane	10.002	107	545	0.005	ppbv	84
56) 1,1,1,2-Tetrachloroethane	11.513	131	1079	0.011	ppbv #	1
57) Chlorobenzene	11.545	112	1714	0.010	ppbv #	66
58) Ethyl Benzene	12.333	91	819	0.003	ppbv	89
59) m/p-Xylene	12.378	91	1254	0.005	ppbv #	1
60) o-Xylene	13.073	91	1076	0.005	ppbv #	1
61) Styrene	12.909	104	830	0.008	ppbv #	1
62) Isopropylbenzene	14.044	105	1737	0.005	ppbv #	49
63) 1,1,2,2-Tetrachloroethane	13.053	83	627	0.004	ppbv #	22
64) n-propylbenzene	14.921	120	318	0.003	ppbv #	1
65) tert-Butylbenzene	16.108	119	3899	0.012	ppbv #	23
66) Benzyl Chloride	16.339	91	171	0.008	ppbv #	66
67) sec-Butylbenzene	16.651	105	6458	0.015	ppbv #	59
69) p-Isopropyltoluene	17.008	119	1703	0.005	ppbv #	15
70) n-Butylbenzene	17.896	91	1773	0.005	ppbv #	9
71) 2-Chlorotoluene	14.809	91	1460	0.006	ppbv #	43
72) 4-Ethyltoluene	15.211	105	2087	0.008	ppbv #	30
73) 1,3,5-Trimethylbenzene	15.359	105	875	0.004	ppbv #	56
74) 1,2,4-Trimethylbenzene	16.117	105	1084	0.004	ppbv #	55
75) 1,3-Dichlorobenzene	16.346	146	2193	0.013	ppbv #	23
76) 1,4-Dichlorobenzene	16.481	146	1071	0.006	ppbv #	1
77) 1,2-Dichlorobenzene	17.156	146	710	0.004	ppbv #	23
78) Hexachloro-1,3-Butadiene	22.638	225	1019	0.007	ppbv #	1
79) Naphthalene	21.407	128	1403	0.006	ppbv	97
80) Naphthalene,2-methyl-	24.410	142	218	0.001	ppbv #	75
81) 1,2,4-Trichlorobenzene	21.143	180	684	0.005	ppbv #	12

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

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL072524AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 26 06:05:16 2022
QLast Update : Thu Aug 01 02:36:30 2024
Response via : Initial Calibration

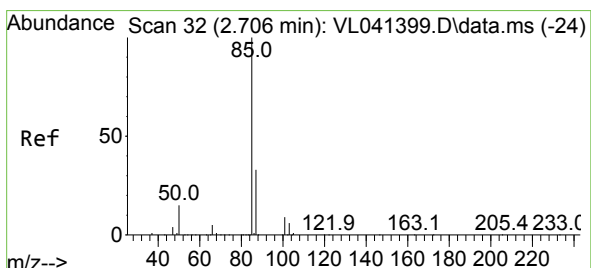
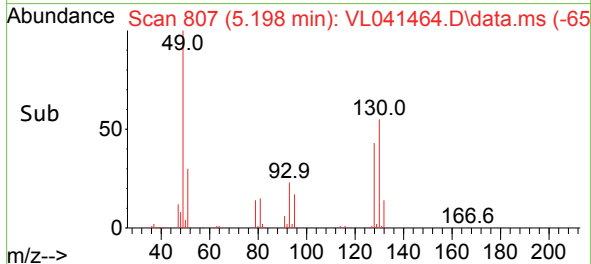
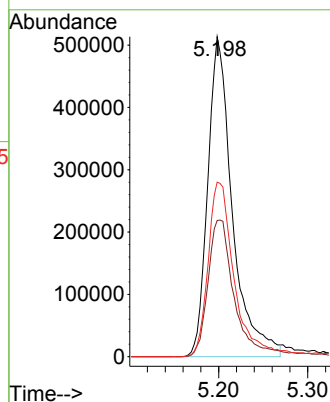
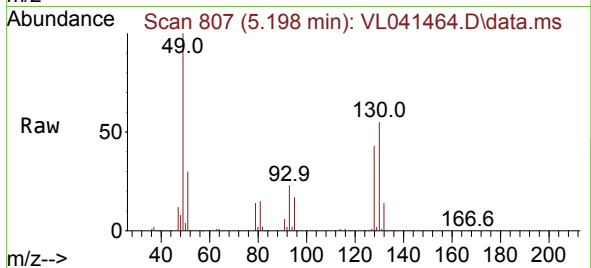




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.198 min Scan# 80
Delta R.T. 0.003 min
Lab File: VL041464.D
Acq: 31 Jul 2024 15:36

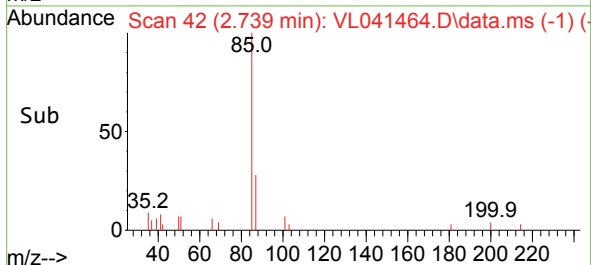
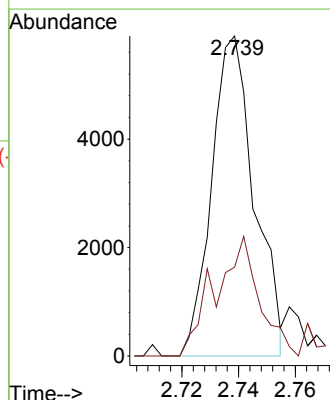
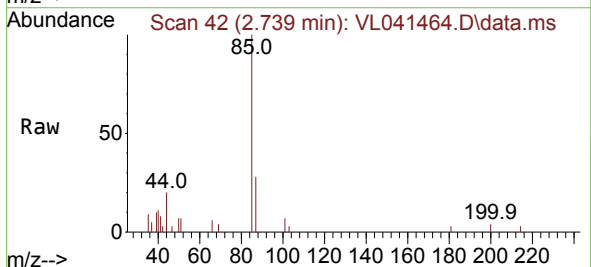
Instrument :
MSVOA_L
ClientSampleId :

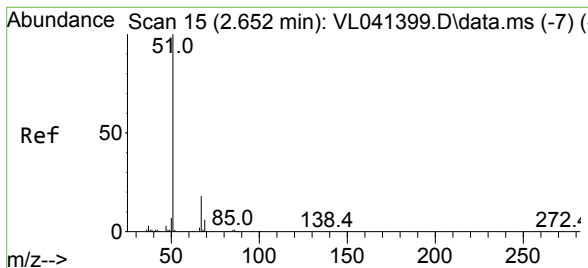
Tgt Ion: 49 Resp: 984493
Ion Ratio Lower Upper
49 100
128 47.8 23.8 71.4
130 60.6 30.8 92.4



#2
Dichlorodifluoromethane
Concen: 0.036 ppbv
RT: 2.739 min Scan# 42
Delta R.T. 0.010 min
Lab File: VL041464.D
Acq: 31 Jul 2024 15:36

Tgt Ion: 85 Resp: 6174
Ion Ratio Lower Upper
85 100
87 27.8 26.0 39.0





#3

Chlorodifluoromethane

Concen: 0.034 ppbv

RT: 2.681 min Scan# 24

Delta R.T. 0.007 min

Lab File: VL041464.D

Acq: 31 Jul 2024 15:36

Instrument :

MSVOA_L

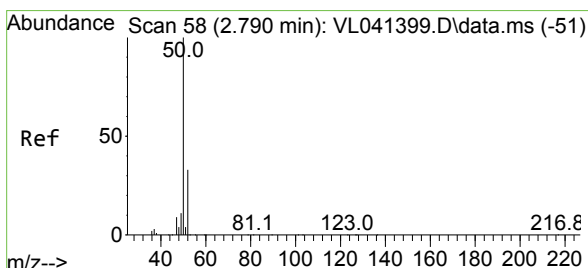
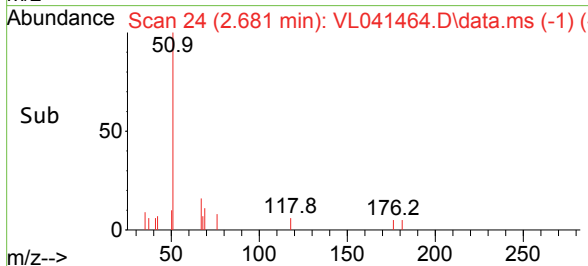
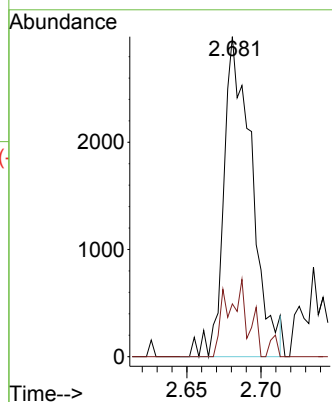
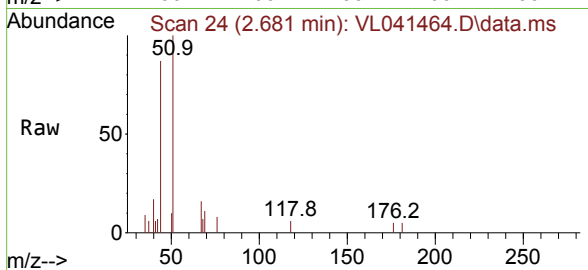
ClientSampleId :

Tgt Ion: 51 Resp: 3932

Ion Ratio Lower Upper

51 100

67 20.0 14.5 21.7



#4

Chloromethane

Concen: 0.020 ppbv

RT: 2.816 min Scan# 66

Delta R.T. 0.003 min

Lab File: VL041464.D

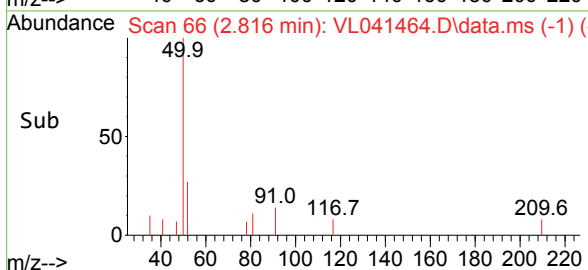
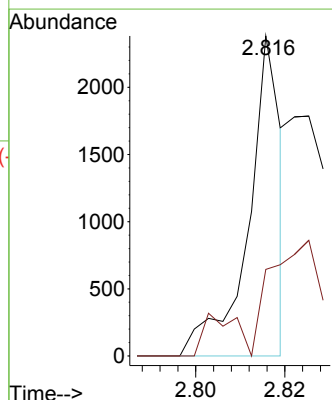
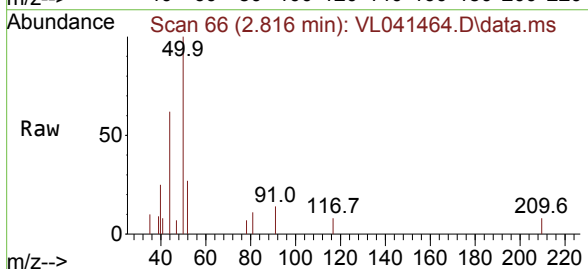
Acq: 31 Jul 2024 15:36

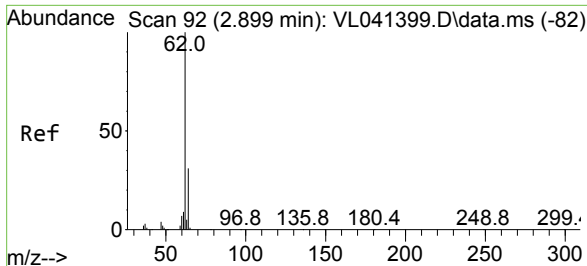
Tgt Ion: 50 Resp: 1222

Ion Ratio Lower Upper

50 100

52 27.1 26.1 39.1

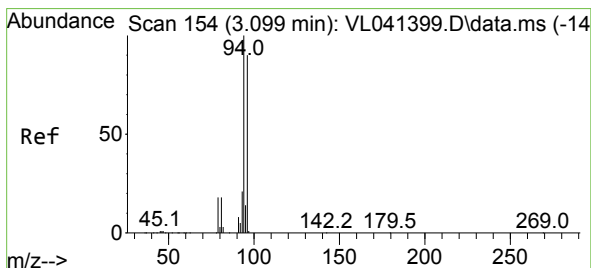
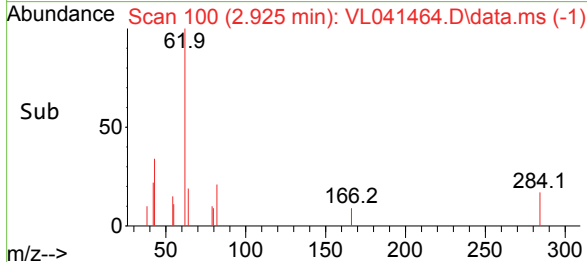
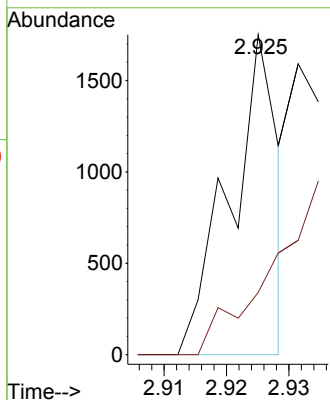
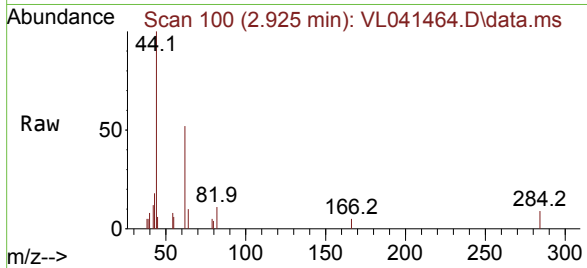




#5
 Vinyl Chloride
 Concen: 0.015 ppbv
 RT: 2.925 min Scan# 100
 Delta R.T. 0.003 min
 Lab File: VL041464.D
 Acq: 31 Jul 2024 15:36

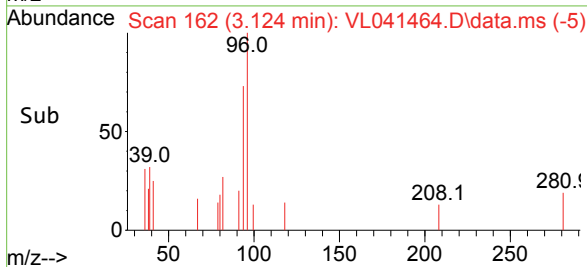
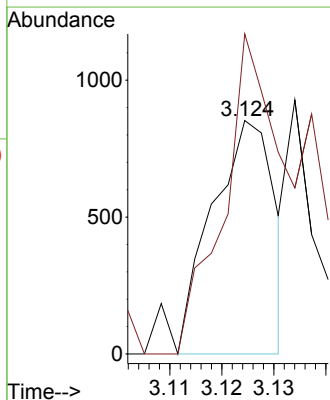
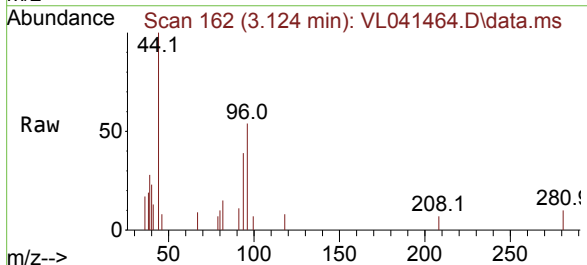
Instrument :
 MSVOA_L
 ClientSampleId :

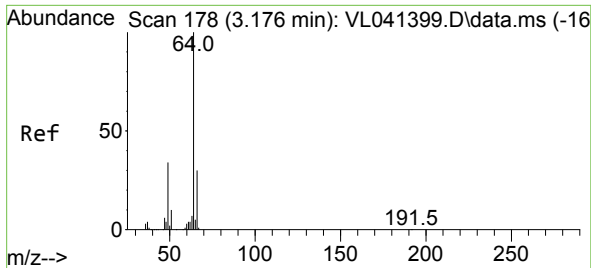
Tgt Ion: 62 Resp: 935
 Ion Ratio Lower Upper
 62 100
 64 19.4 25.0 37.4#



#6
 Bromomethane
 Concen: 0.022 ppbv
 RT: 3.124 min Scan# 162
 Delta R.T. 0.003 min
 Lab File: VL041464.D
 Acq: 31 Jul 2024 15:36

Tgt Ion: 94 Resp: 709
 Ion Ratio Lower Upper
 94 100
 96 137.0 72.3 108.5#

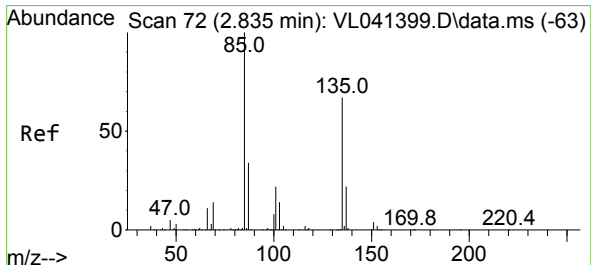
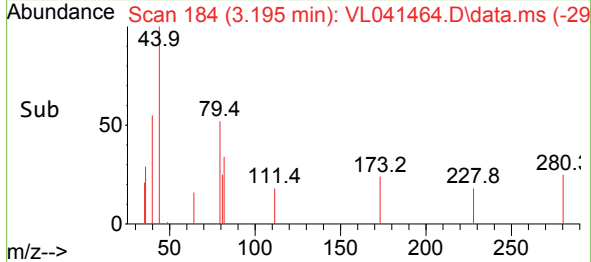
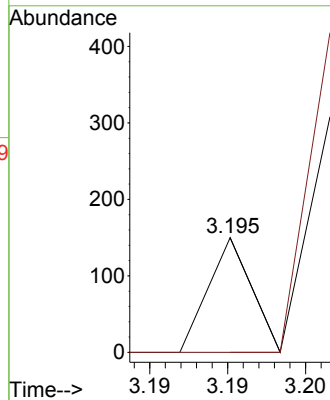
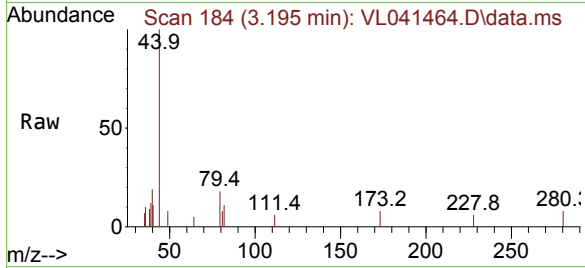




#7
Chloroethane
Concen: 0.001 ppbv
RT: 3.195 min Scan# 11
Delta R.T. -0.003 min
Lab File: VL041464.D
Acq: 31 Jul 2024 15:36

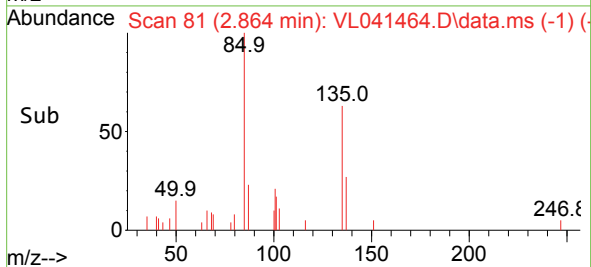
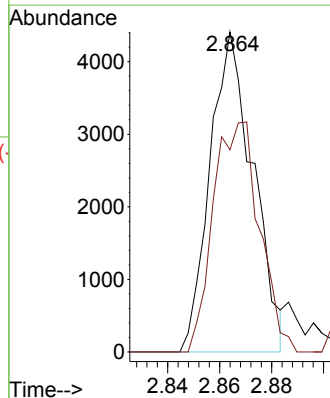
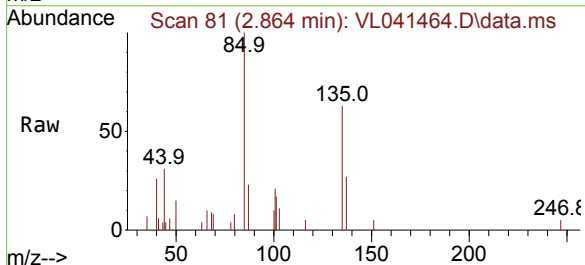
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MSVOA_L
ClientSampleId :

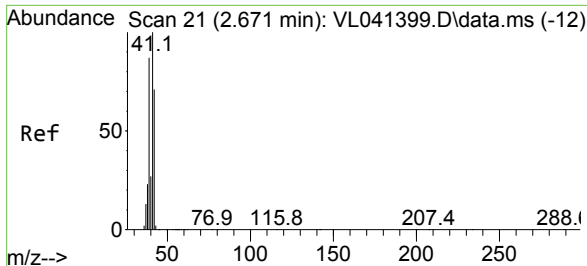
Tgt Ion: 64 Resp: 29
Ion Ratio Lower Upper
64 100
66 0.0 24.2 36.2#



#8
Dichlorotetrafluoroethane
Concen: 0.034 ppbv
RT: 2.864 min Scan# 81
Delta R.T. 0.007 min
Lab File: VL041464.D
Acq: 31 Jul 2024 15:36

Tgt Ion: 85 Resp: 5073
Ion Ratio Lower Upper
85 100
135 78.4 55.4 83.0

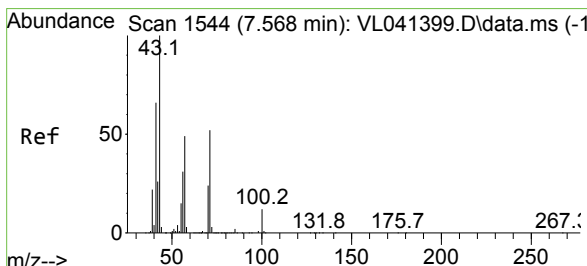
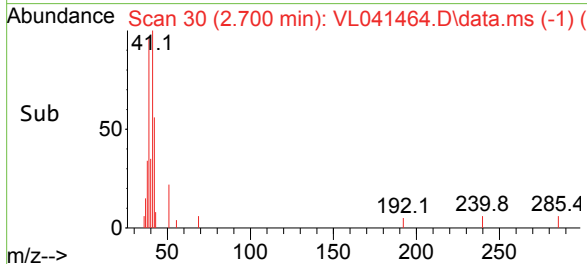
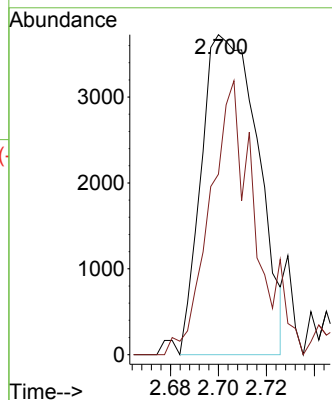
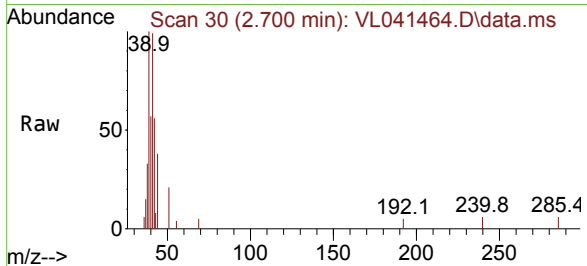




#9
Propene
Concen: 0.113 ppbv
RT: 2.700 min Scan# 30
Delta R.T. 0.007 min
Lab File: VL041464.D
Acq: 31 Jul 2024 15:36

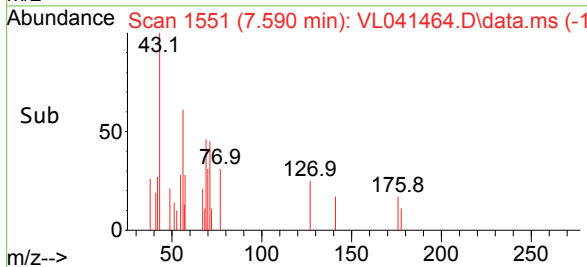
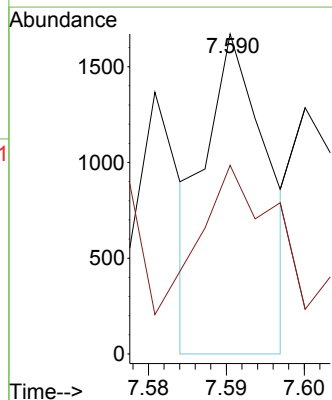
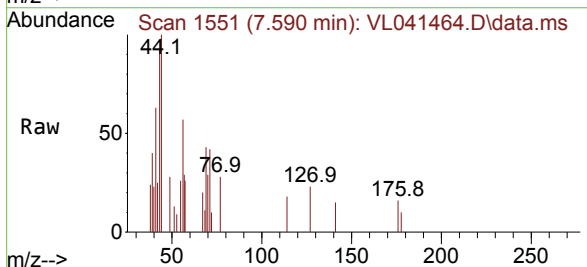
Instrument :
MSVOA_L
ClientSampleId :

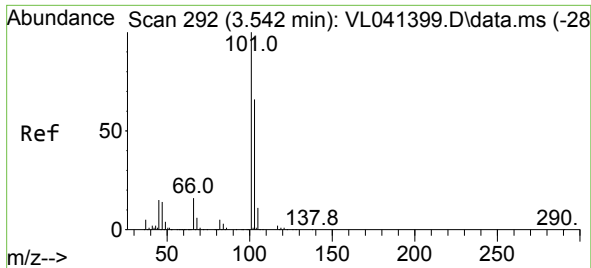
Tgt Ion: 41 Resp: 6098
Ion Ratio Lower Upper
41 100
42 71.3 55.9 83.9



#10
Heptane
Concen: 0.008 ppbv
RT: 7.590 min Scan# 1551
Delta R.T. 0.007 min
Lab File: VL041464.D
Acq: 31 Jul 2024 15:36

Tgt Ion: 43 Resp: 912
Ion Ratio Lower Upper
43 100
57 173.6 40.5 60.7#

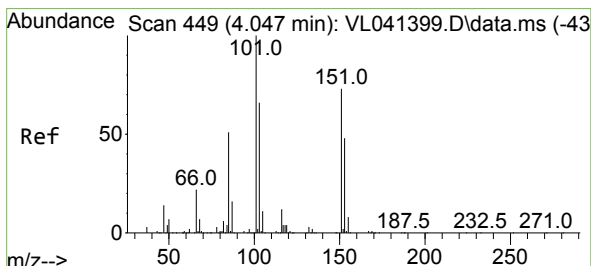
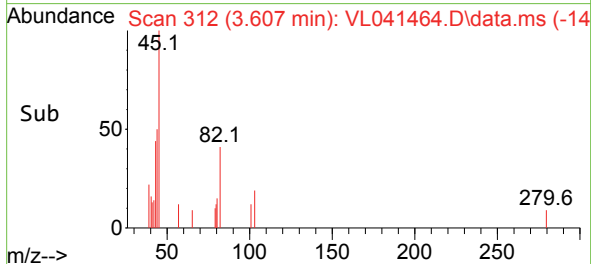
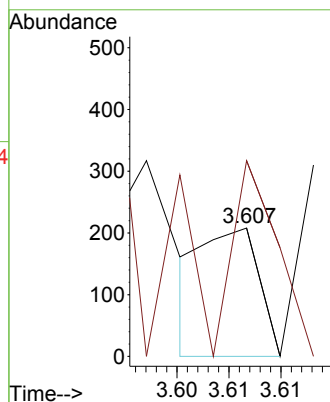
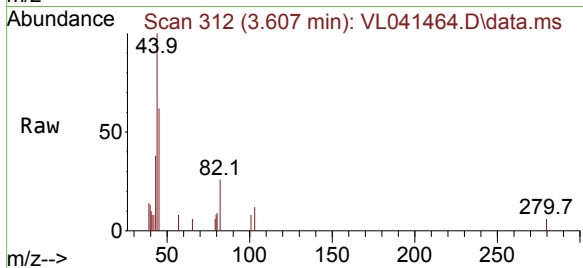




#11
 Trichlorofluoromethane
 Concen: 0.001 ppbv
 RT: 3.607 min Scan# 31
 Delta R.T. 0.042 min
 Lab File: VL041464.D
 Acq: 31 Jul 2024 15:36

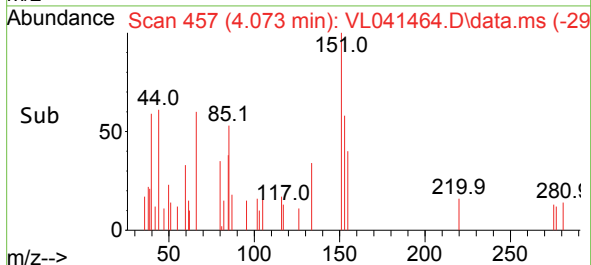
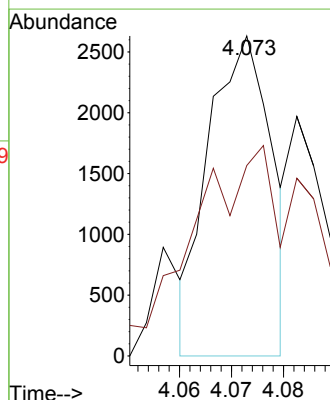
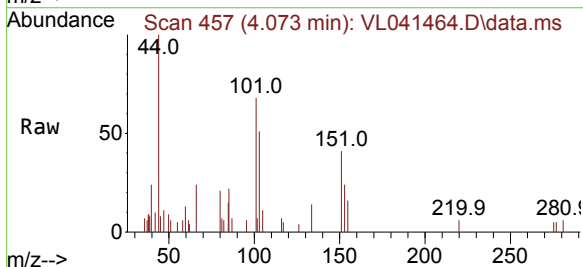
Instrument :
 MSVOA_L
 ClientSampleId :

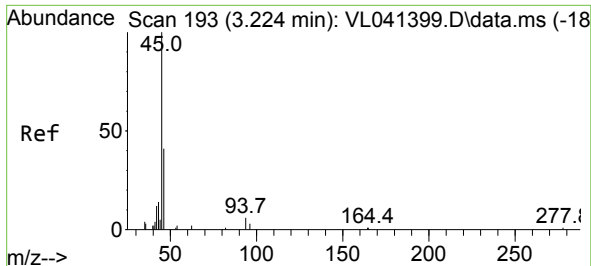
Tgt Ion:101 Resp: 77
 Ion Ratio Lower Upper
 101 100
 103 67.8 52.6 79.0



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 0.020 ppbv
 RT: 4.073 min Scan# 457
 Delta R.T. 0.007 min
 Lab File: VL041464.D
 Acq: 31 Jul 2024 15:36

Tgt Ion:101 Resp: 2214
 Ion Ratio Lower Upper
 101 100
 151 128.1 59.4 89.2#

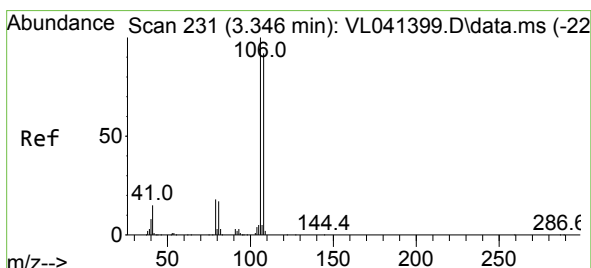
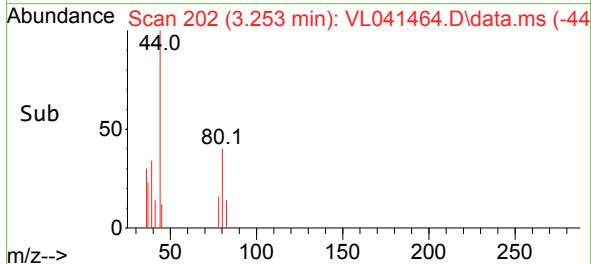
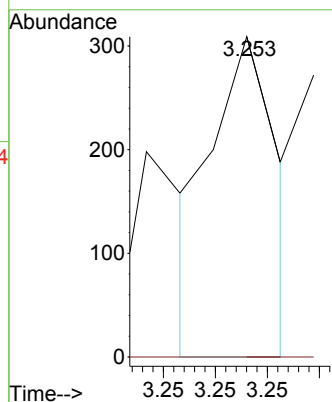
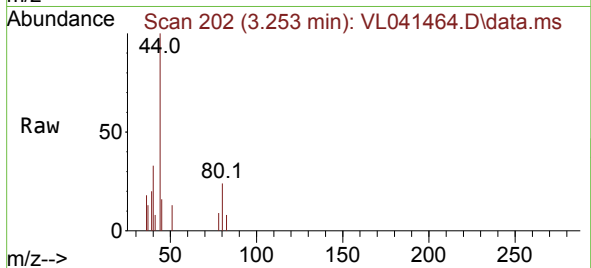




#13
 Ethanol
 Concen: 0.028 ppbv
 RT: 3.253 min Scan# 20
 Delta R.T. 0.007 min
 Lab File: VL041464.D
 Acq: 31 Jul 2024 15:36

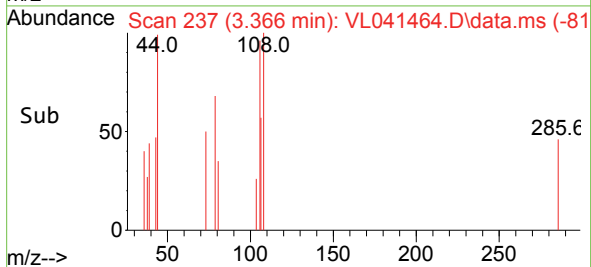
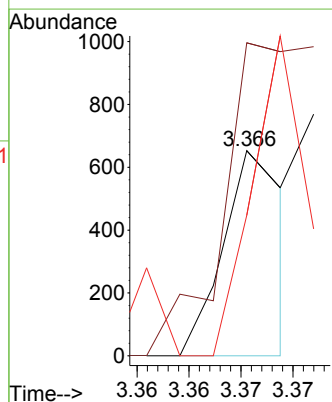
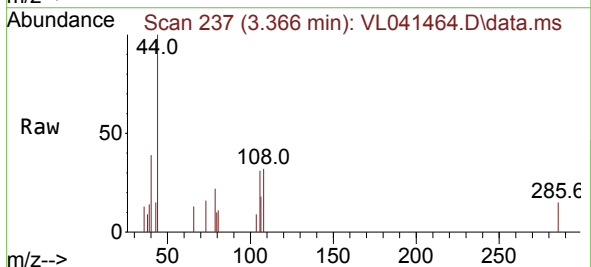
Instrument :
 MSVOA_L
 ClientSampleId :

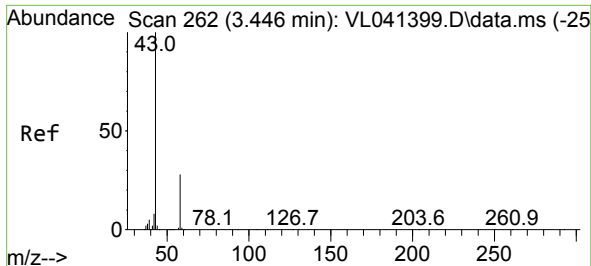
Tgt Ion: 45 Resp: 135
 Ion Ratio Lower Upper
 45 100
 46 0.0 13.4 53.4#



#14
 Bromoethene
 Concen: 0.006 ppbv
 RT: 3.366 min Scan# 237
 Delta R.T. 0.000 min
 Lab File: VL041464.D
 Acq: 31 Jul 2024 15:36

Tgt Ion:108 Resp: 272
 Ion Ratio Lower Upper
 108 100
 106 0.0 86.9 130.3#
 79 283.5 16.2 24.4#

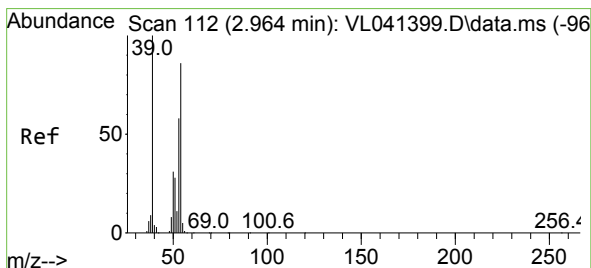
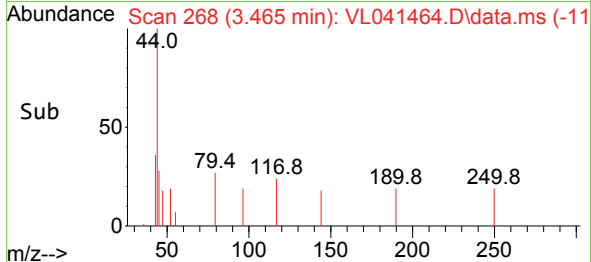
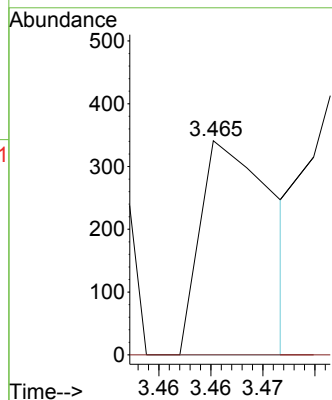
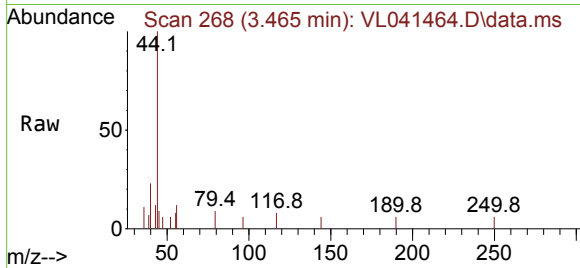




#15
Acetone
Concen: 0.002 ppbv
RT: 3.465 min Scan# 21
Delta R.T. -0.003 min
Lab File: VL041464.D
Acq: 31 Jul 2024 15:36

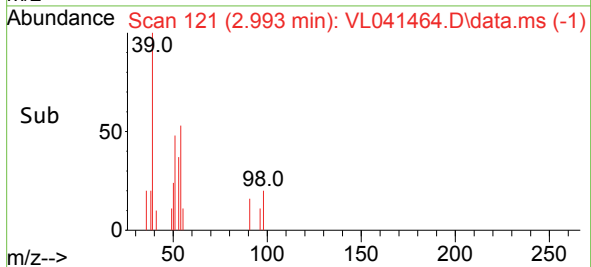
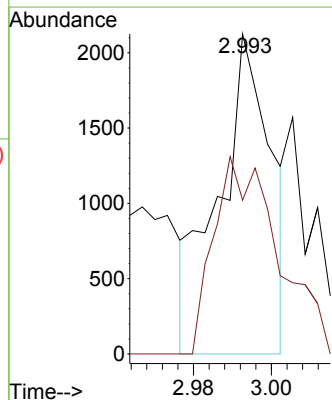
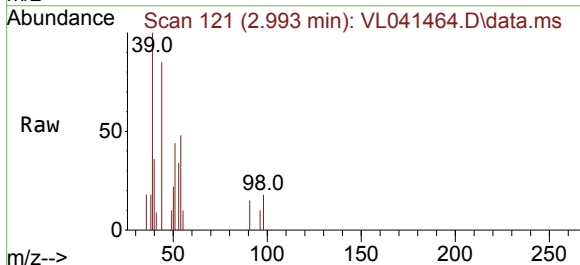
Instrument :
MSVOA_L
ClientSampleId :

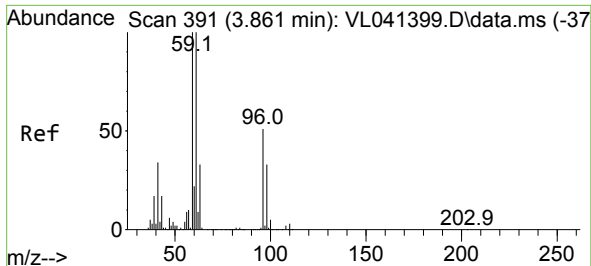
Tgt Ion: 43 Resp: 171
Ion Ratio Lower Upper
43 100
58 0.0 21.4 32.2#



#16
1,3-Butadiene
Concen: 0.033 ppbv
RT: 2.993 min Scan# 121
Delta R.T. 0.007 min
Lab File: VL041464.D
Acq: 31 Jul 2024 15:36

Tgt Ion: 39 Resp: 1971
Ion Ratio Lower Upper
39 100
54 84.4 62.5 93.7





#17

tert-Butyl alcohol

Concen: 0.003 ppbv

RT: 3.903 min Scan# 404

Delta R.T. 0.026 min

Lab File: VL041464.D

Acq: 31 Jul 2024 15:36

Instrument :

MSVOA_L

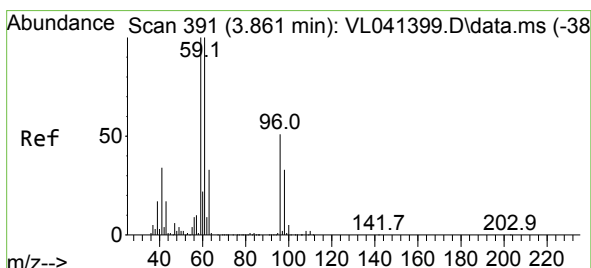
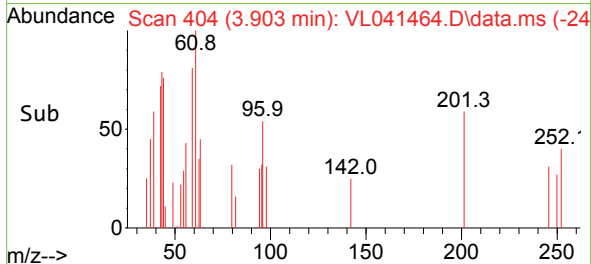
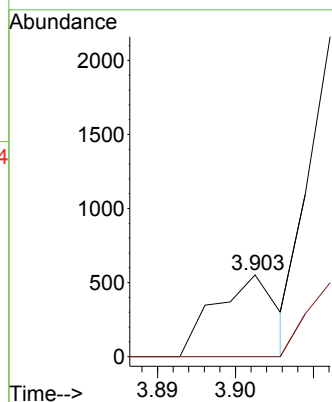
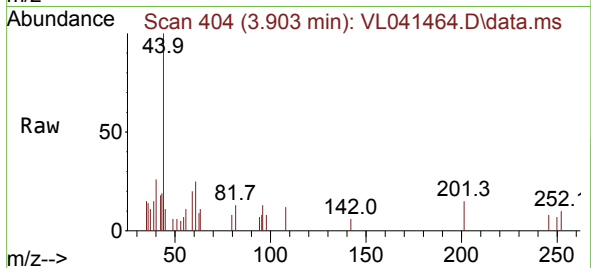
ClientSampleId :

Tgt Ion: 59 Resp: 303

Ion Ratio Lower Upper

59 100

57 0.0 8.6 12.8#



#18

1,1-Dichloroethene

Concen: 0.021 ppbv

RT: 3.886 min Scan# 399

Delta R.T. 0.007 min

Lab File: VL041464.D

Acq: 31 Jul 2024 15:36

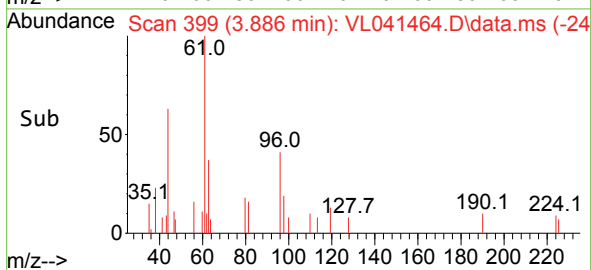
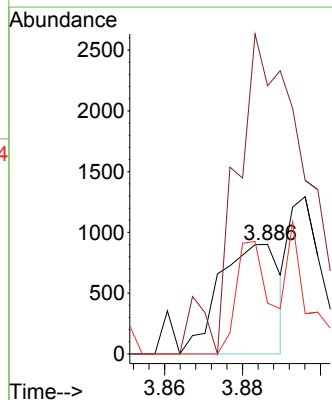
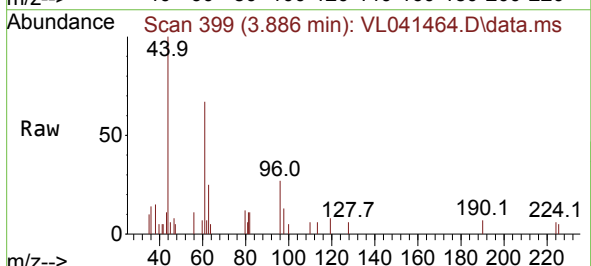
Tgt Ion: 96 Resp: 958

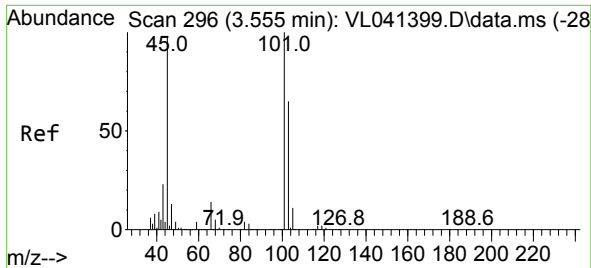
Ion Ratio Lower Upper

96 100

61 245.2 157.5 236.3#

98 46.6 51.2 76.8#

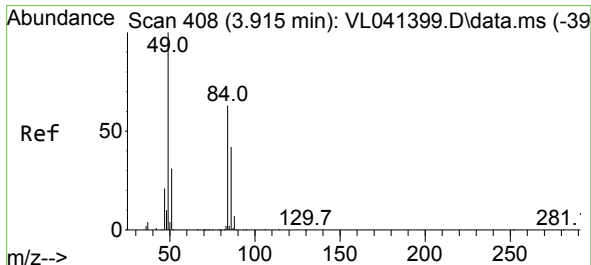
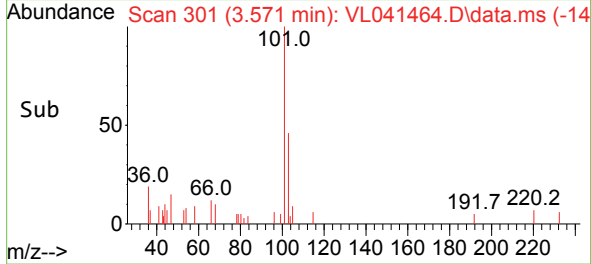
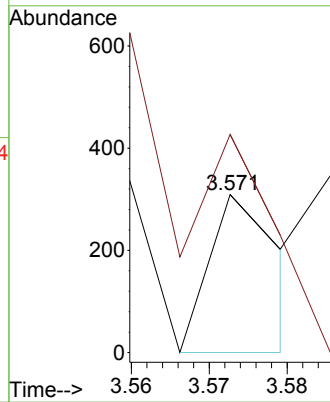
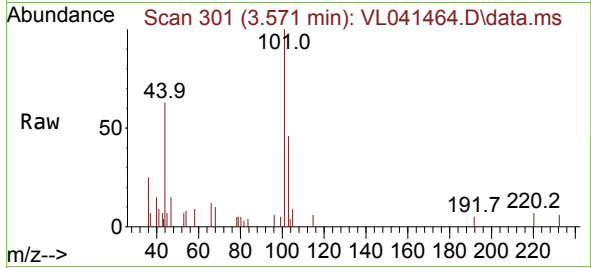




#19
Isopropyl Alcohol
Concen: 0.002 ppbv
RT: 3.571 min Scan# 301
Delta R.T. -0.003 min
Lab File: VL041464.D
Acq: 31 Jul 2024 15:36

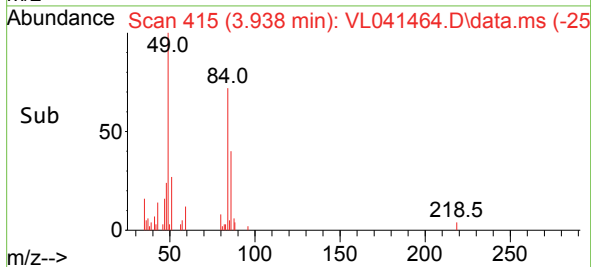
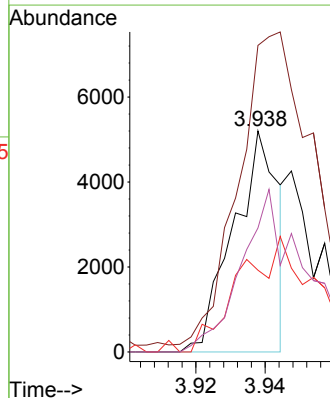
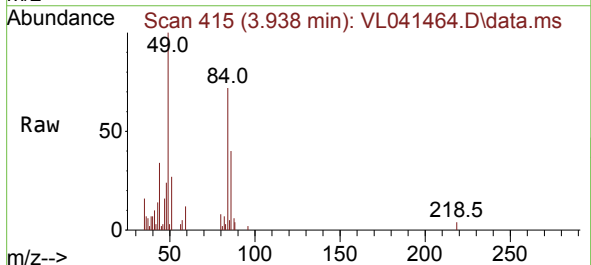
Instrument :
MSVOA_L
ClientSampleId :

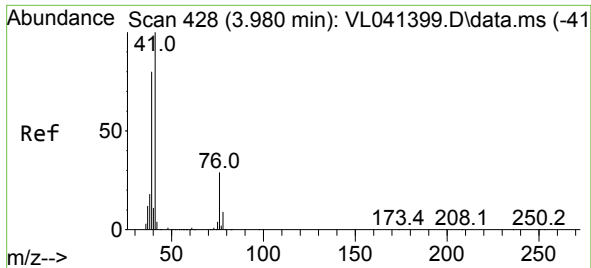
Tgt Ion: 45 Resp: 99
Ion Ratio Lower Upper
45 100
58 0.0 1.9 2.9#



#20
Methylene Chloride
Concen: 0.112 ppbv
RT: 3.938 min Scan# 415
Delta R.T. 0.003 min
Lab File: VL041464.D
Acq: 31 Jul 2024 15:36

Tgt Ion: 84 Resp: 4654
Ion Ratio Lower Upper
84 100
49 138.9 126.6 190.0
51 37.0 38.6 58.0#
86 56.1 53.0 79.4

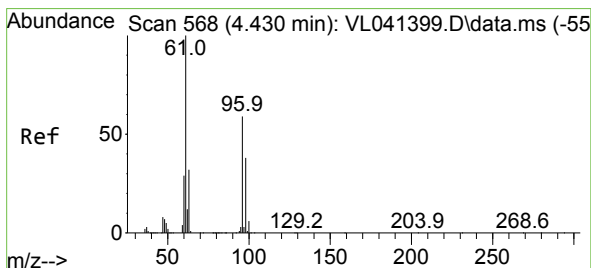
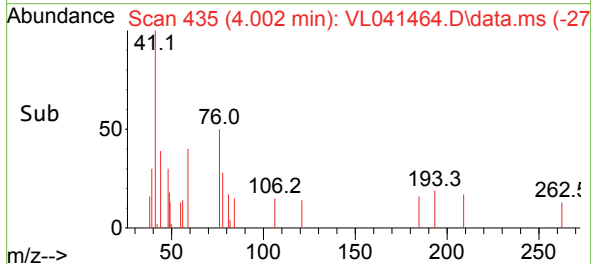
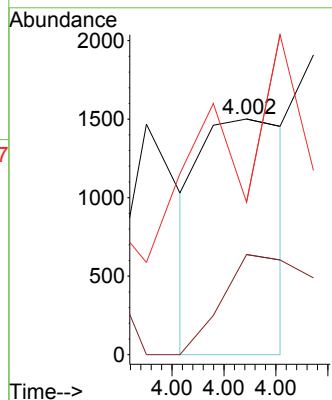
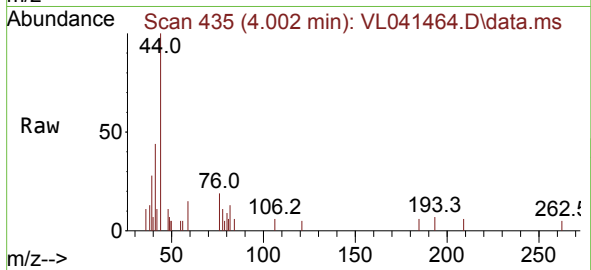




#21
 Allyl Chloride
 Concen: 0.012 ppbv
 RT: 4.002 min Scan# 41
 Delta R.T. 0.007 min
 Lab File: VL041464.D
 Acq: 31 Jul 2024 15:36

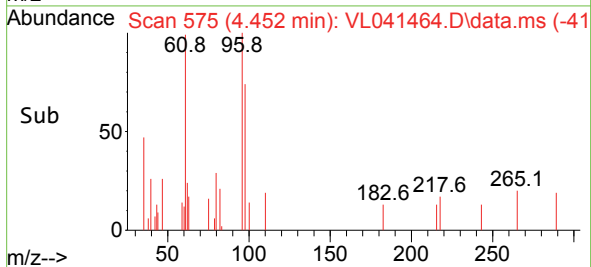
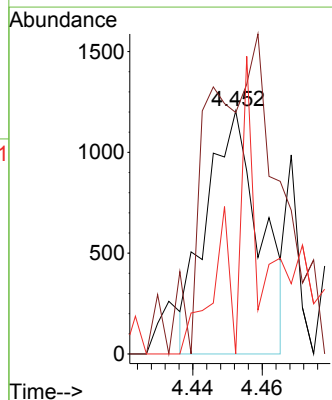
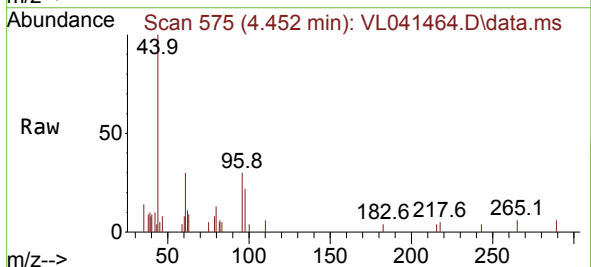
Instrument :
 MSVOA_L
 ClientSampleId :

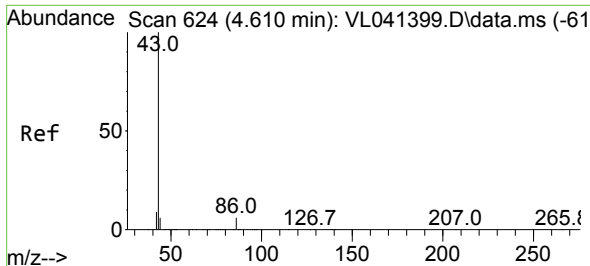
Tgt Ion: 41 Resp: 852
 Ion Ratio Lower Upper
 41 100
 76 73.1 23.7 35.5#
 39 0.0 64.3 96.5#



#22
 trans-1,2-Dichloroethene
 Concen: 0.028 ppbv
 RT: 4.452 min Scan# 575
 Delta R.T. 0.007 min
 Lab File: VL041464.D
 Acq: 31 Jul 2024 15:36

Tgt Ion: 96 Resp: 1288
 Ion Ratio Lower Upper
 96 100
 61 79.2 135.4 203.2#
 98 0.0 51.0 76.4#

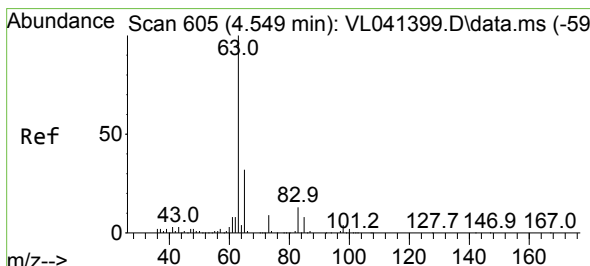
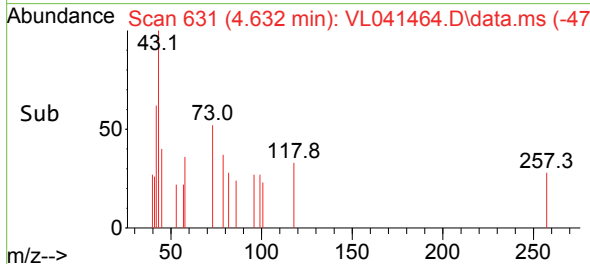
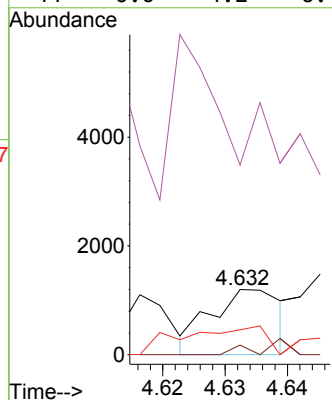
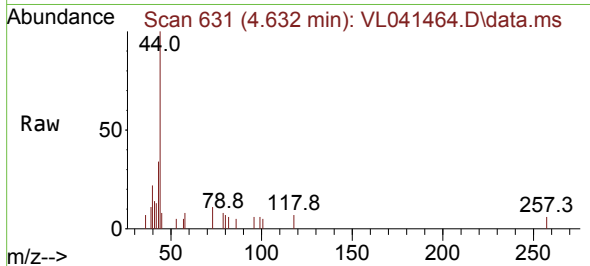




#23
 Vinyl Acetate
 Concen: 0.011 ppbv
 RT: 4.632 min Scan# 613
 Delta R.T. 0.003 min
 Lab File: VL041464.D
 Acq: 31 Jul 2024 15:36

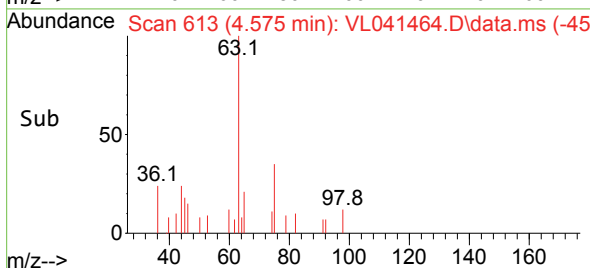
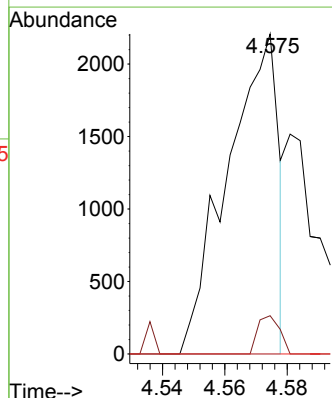
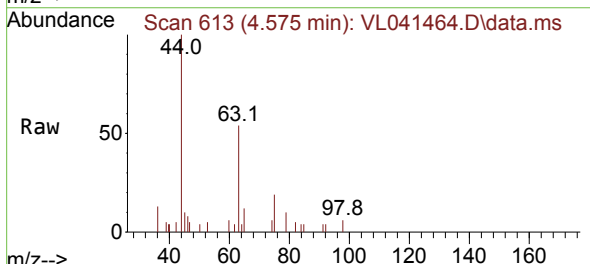
Instrument :
 MSVOA_L
 ClientSampleId :

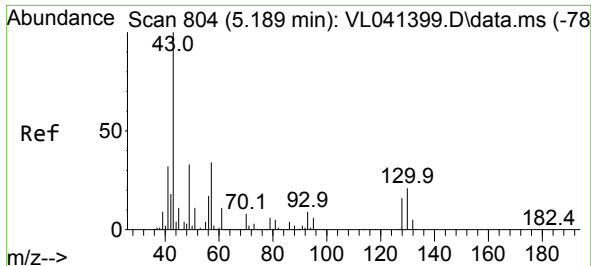
Tgt Ion: 43 Resp: 937
 Ion Ratio Lower Upper
 43 100
 86 20.5 4.6 6.8#
 42 53.5 7.9 11.9#
 44 0.0 4.2 6.4#



#24
 1,1-Dichloroethane
 Concen: 0.025 ppbv
 RT: 4.575 min Scan# 613
 Delta R.T. 0.010 min
 Lab File: VL041464.D
 Acq: 31 Jul 2024 15:36

Tgt Ion: 63 Resp: 2508
 Ion Ratio Lower Upper
 63 100
 98 12.0 2.0 6.0#
 100 0.0 1.2 3.6#

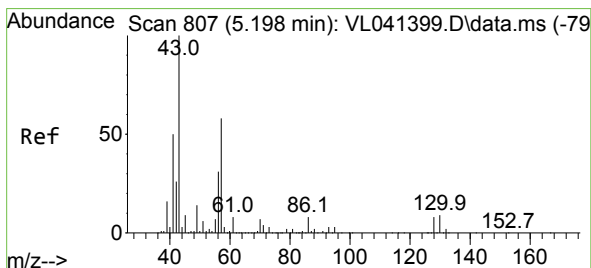
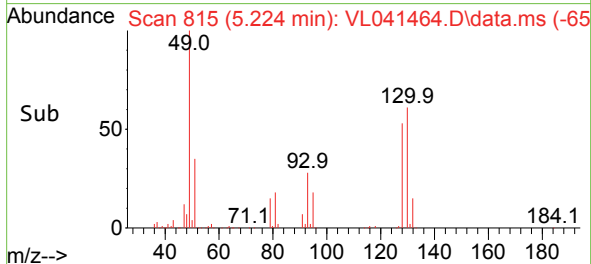
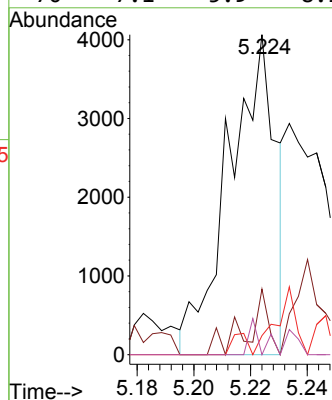
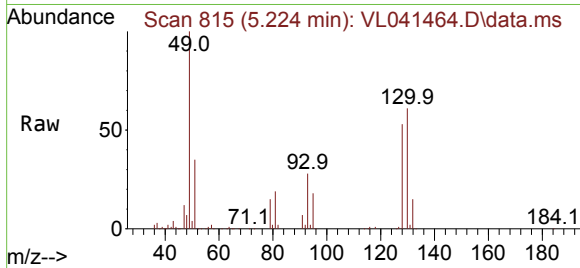




#25
Ethyl Acetate
Concen: 0.021 ppbv
RT: 5.224 min Scan# 815
Delta R.T. 0.019 min
Lab File: VL041464.D
Acq: 31 Jul 2024 15:36

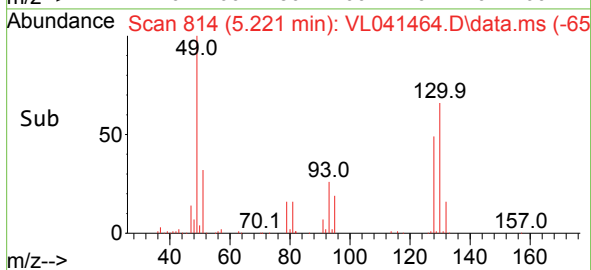
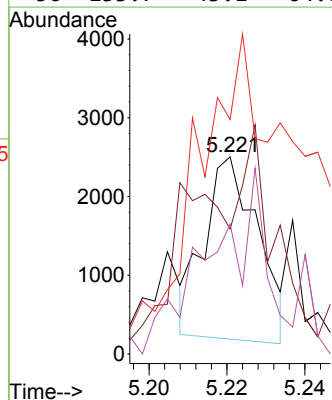
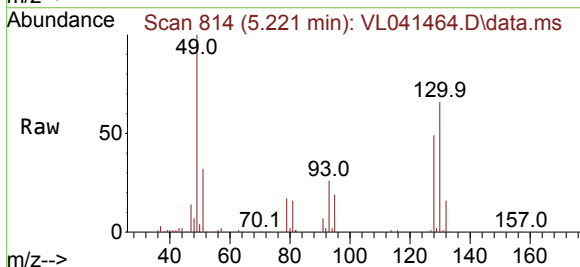
Instrument :
MSVOA_L
ClientSampleId :

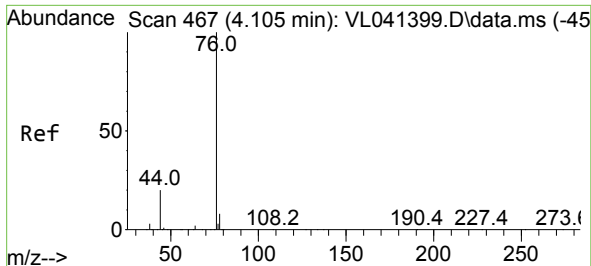
Tgt Ion: 43	Resp: 4632
Ion Ratio	Lower Upper
43 100	
45 0.0	8.5 12.7#
61 0.0	8.0 12.0#
70 7.1	5.9 8.9



#26
Hexane
Concen: 0.024 ppbv
RT: 5.221 min Scan# 814
Delta R.T. 0.007 min
Lab File: VL041464.D
Acq: 31 Jul 2024 15:36

Tgt Ion: 57	Resp: 2204
Ion Ratio	Lower Upper
57 100	
41 196.4	74.0 111.0#
43 406.3	193.6 290.4#
56 133.7	43.1 64.7#

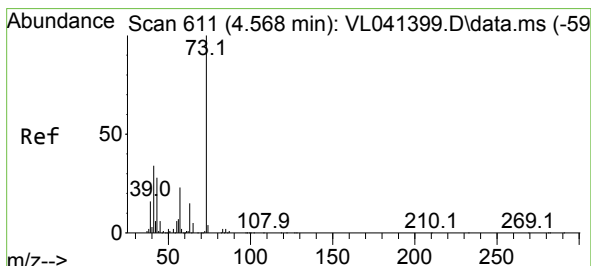
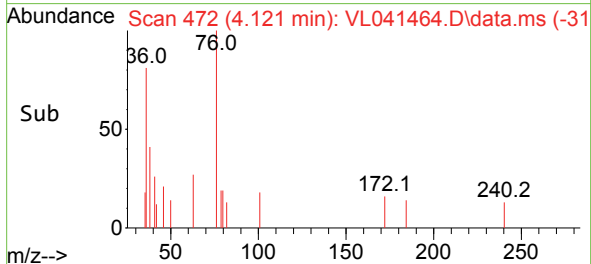
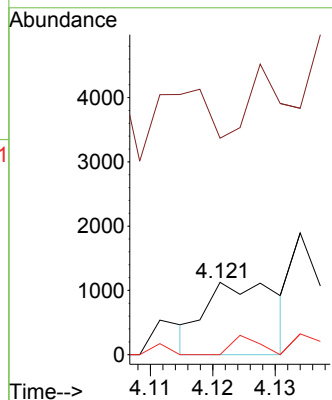
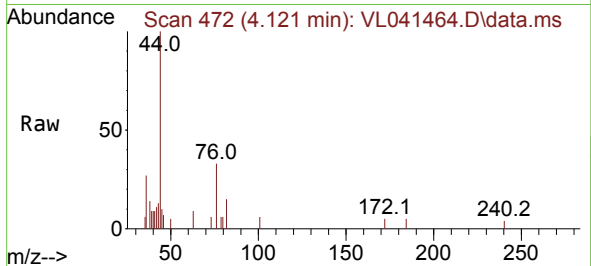




#27
Carbon Disulfide
Concen: 0.008 ppbv
RT: 4.121 min Scan# 41
Delta R.T. -0.003 min
Lab File: VL041464.D
Acq: 31 Jul 2024 15:36

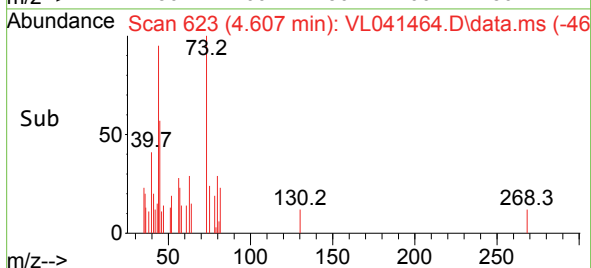
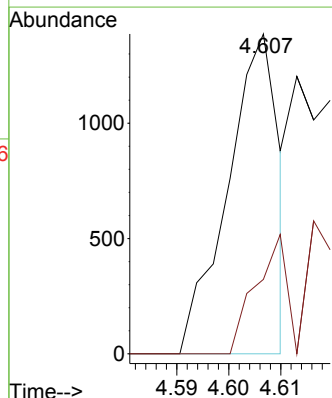
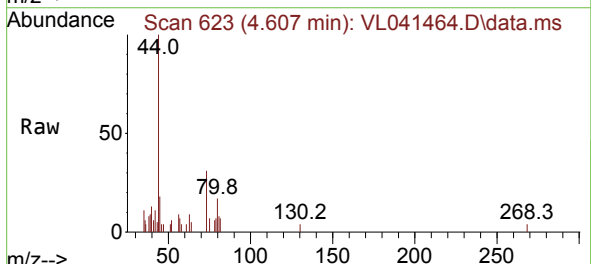
Instrument :
MSVOA_L
ClientSampleId :

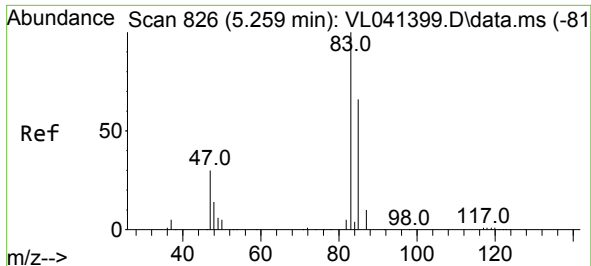
Tgt Ion: 76 Resp: 895
Ion Ratio Lower Upper
76 100
44 0.0 15.6 23.4#
78 0.0 7.7 11.5#



#28
Methyl tert-Butyl Ether
Concen: 0.016 ppbv
RT: 4.607 min Scan# 623
Delta R.T. 0.019 min
Lab File: VL041464.D
Acq: 31 Jul 2024 15:36

Tgt Ion: 73 Resp: 953
Ion Ratio Lower Upper
73 100
57 0.0 18.9 28.3#





#29

Chloroform

Concen: 0.027 ppbv

RT: 5.282 min Scan# 81

Delta R.T. 0.007 min

Lab File: VL041464.D

Acq: 31 Jul 2024 15:36

Instrument :

MSVOA_L

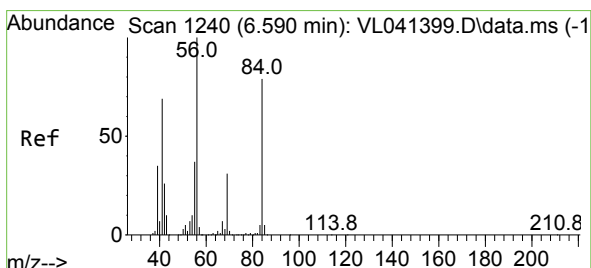
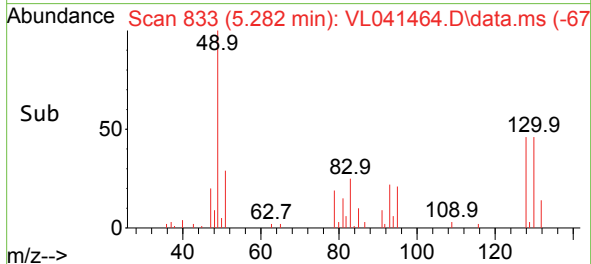
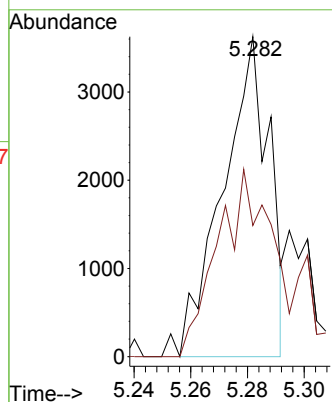
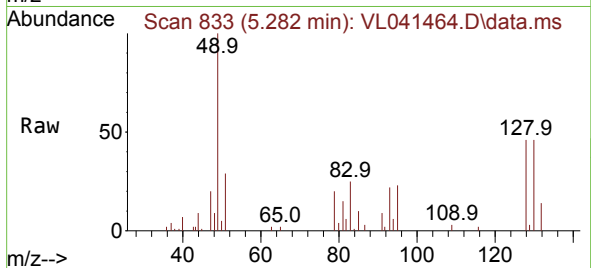
ClientSampleId :

Tgt Ion: 83 Resp: 4100

Ion Ratio Lower Upper

83 100

85 41.0 53.1 79.7#



#30

Cyclohexane

Concen: 0.011 ppbv

RT: 6.607 min Scan# 1245

Delta R.T. 0.000 min

Lab File: VL041464.D

Acq: 31 Jul 2024 15:36

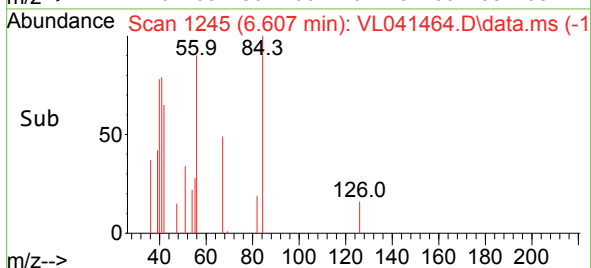
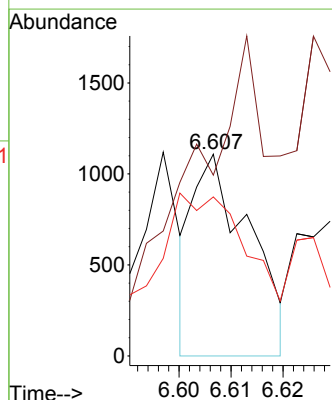
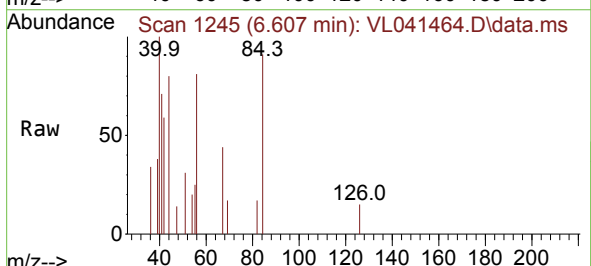
Tgt Ion: 84 Resp: 841

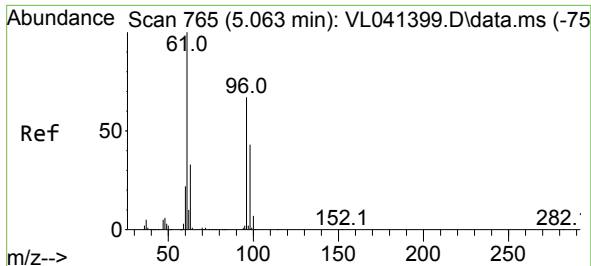
Ion Ratio Lower Upper

84 100

56 0.0 111.2 166.8#

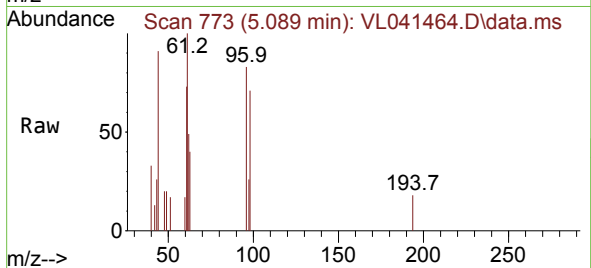
41 0.0 70.3 105.5#



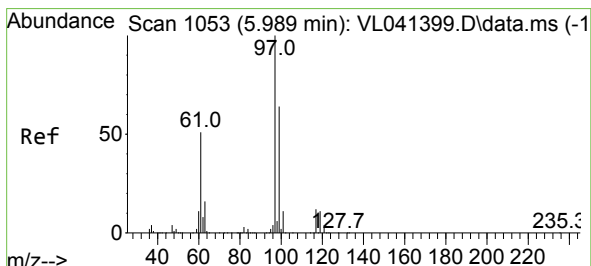
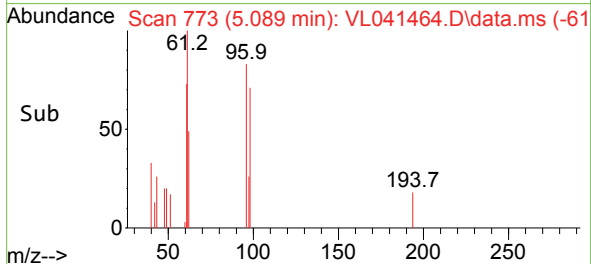
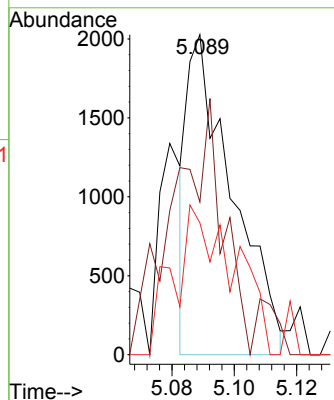


#31
 cis-1,2-Dichloroethene
 Concen: 0.022 ppbv
 RT: 5.089 min Scan# 773
 Delta R.T. 0.007 min
 Lab File: VL041464.D
 Acq: 31 Jul 2024 15:36

Instrument :
 MSVOA_L
 ClientSampleId :

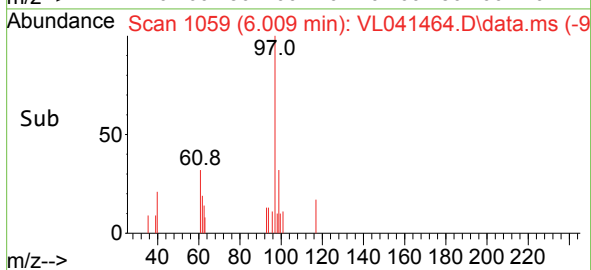
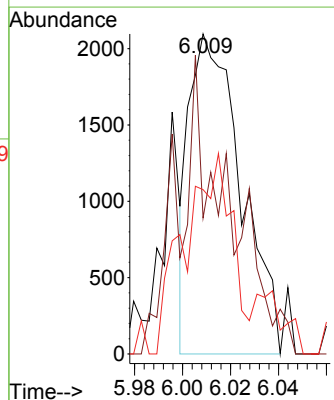
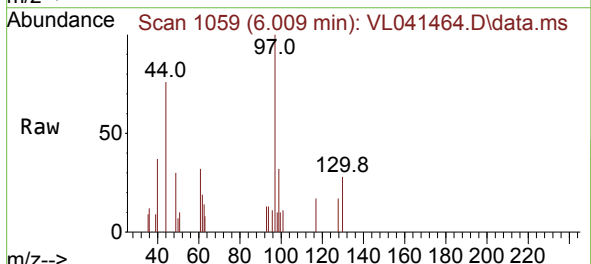


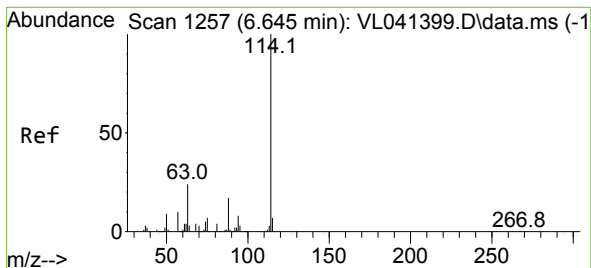
Tgt Ion: 61 Resp: 2036
 Ion Ratio Lower Upper
 61 100
 96 41.0 53.4 80.2#
 98 44.5 34.4 51.6



#32
 1,1,1-Trichloroethane
 Concen: 0.022 ppbv
 RT: 6.009 min Scan# 1059
 Delta R.T. 0.000 min
 Lab File: VL041464.D
 Acq: 31 Jul 2024 15:36

Tgt Ion: 97 Resp: 3158
 Ion Ratio Lower Upper
 97 100
 99 88.7 52.0 78.0#
 61 70.9 41.8 62.8#





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.658 min Scan# 114

Delta R.T. 0.000 min

Lab File: VL041464.D

Acq: 31 Jul 2024 15:36

Instrument :

MSVOA_L

ClientSampleId :

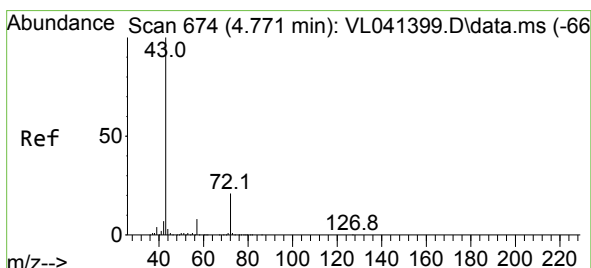
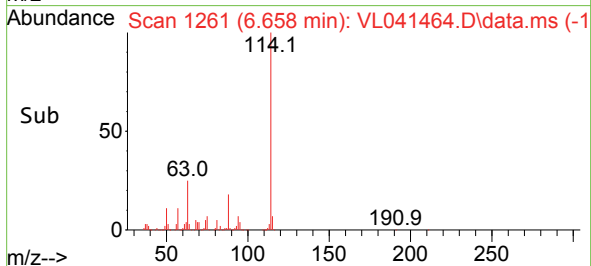
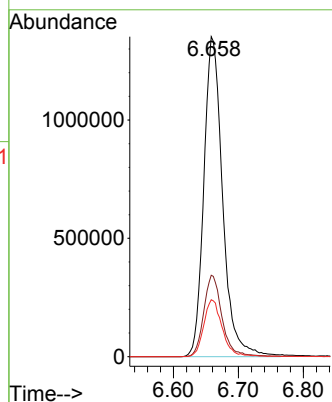
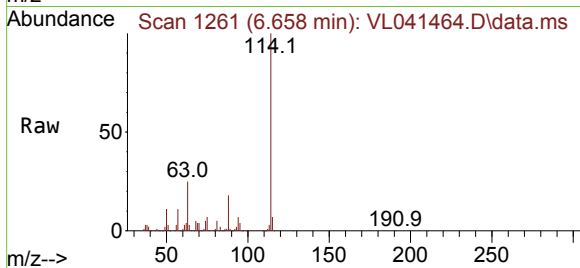
Tgt Ion:114 Resp: 2724034

Ion Ratio Lower Upper

114 100

63 25.1 20.3 30.5

88 17.8 14.3 21.5



#34

2-Butanone

Concen: 0.003 ppbv

RT: 4.800 min Scan# 683

Delta R.T. 0.013 min

Lab File: VL041464.D

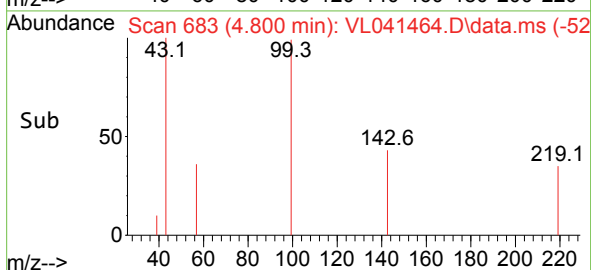
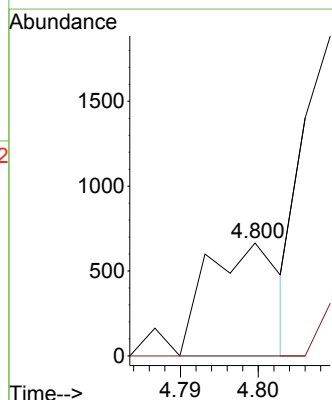
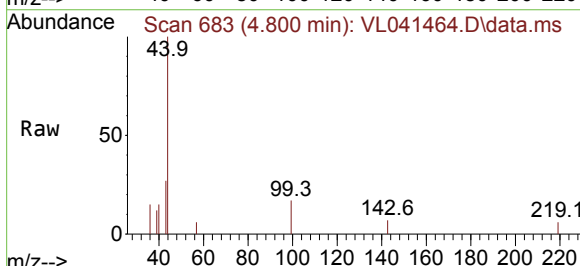
Acq: 31 Jul 2024 15:36

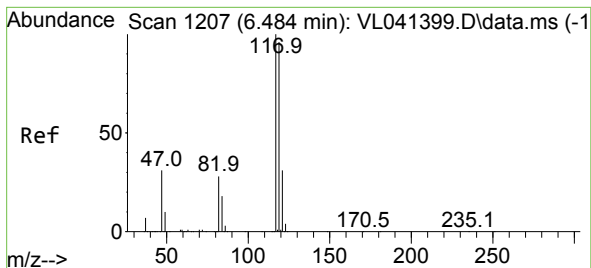
Tgt Ion: 43 Resp: 430

Ion Ratio Lower Upper

43 100

72 0.0 17.3 25.9#





#35

Carbon Tetrachloride

Concen: 0.012 ppbv

RT: 6.491 min Scan# 1173

Delta R.T. -0.006 min

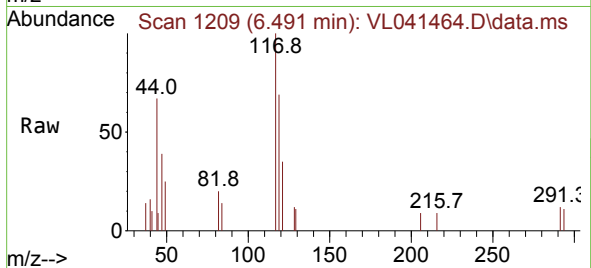
Lab File: VL041464.D

Acq: 31 Jul 2024 15:36

Instrument :

MSVOA_L

ClientSampleId :



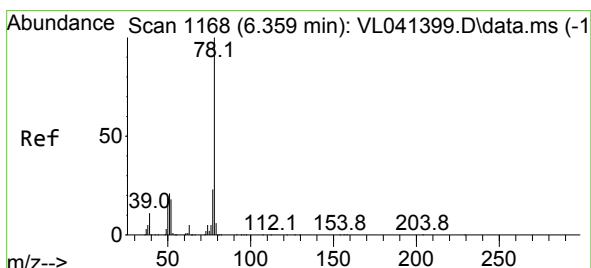
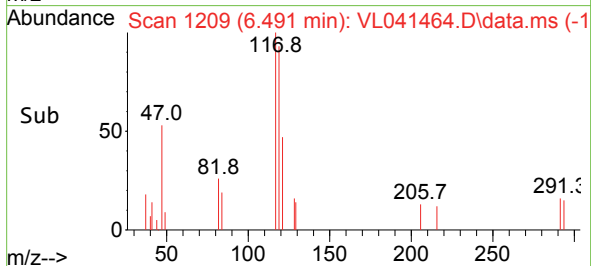
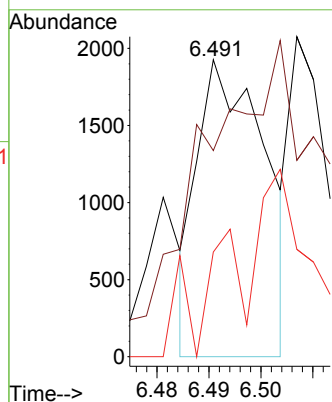
Tgt Ion:117 Resp: 1733

Ion Ratio Lower Upper

117 100

119 51.7 76.6 115.0#

121 1.9 25.1 37.7#



#36

Benzene

Concen: 0.017 ppbv

RT: 6.375 min Scan# 1173

Delta R.T. 0.000 min

Lab File: VL041464.D

Acq: 31 Jul 2024 15:36

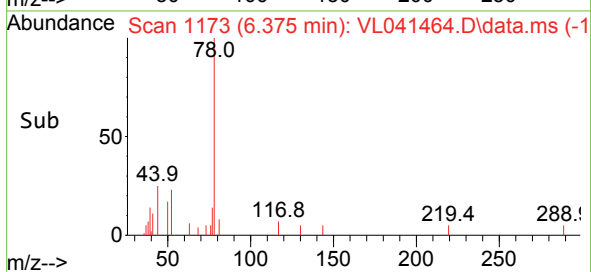
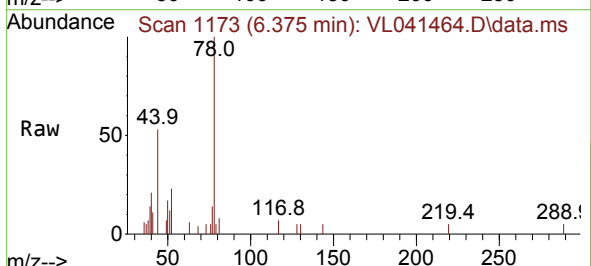
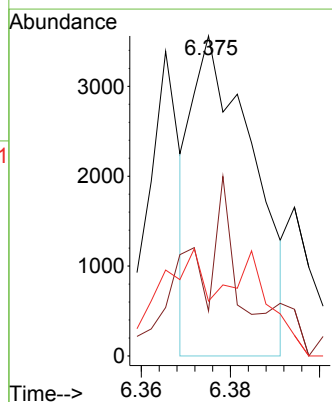
Tgt Ion: 78 Resp: 3372

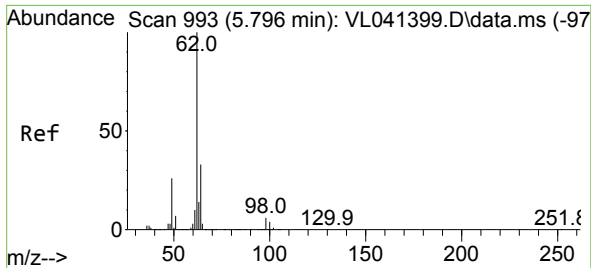
Ion Ratio Lower Upper

78 100

77 0.0 18.1 27.1#

50 0.0 15.5 23.3#

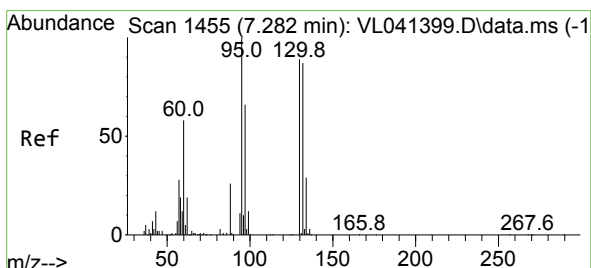
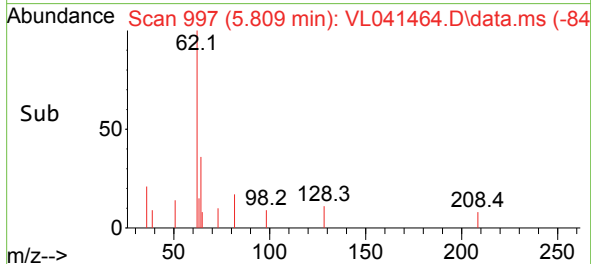
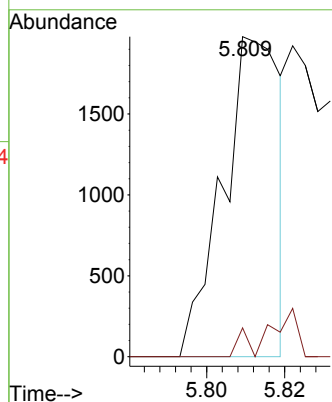
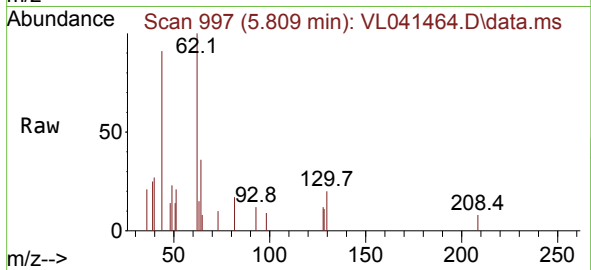




#37
1,2-Dichloroethane
Concen: 0.018 ppbv
RT: 5.809 min Scan# 91
Delta R.T. 0.000 min
Lab File: VL041464.D
Acq: 31 Jul 2024 15:36

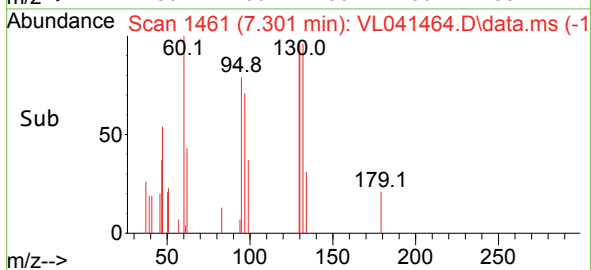
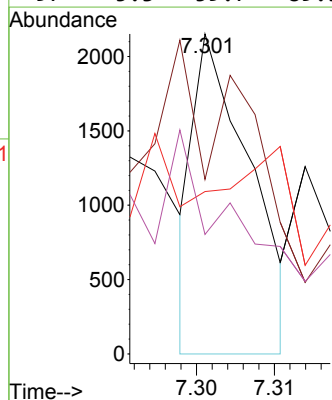
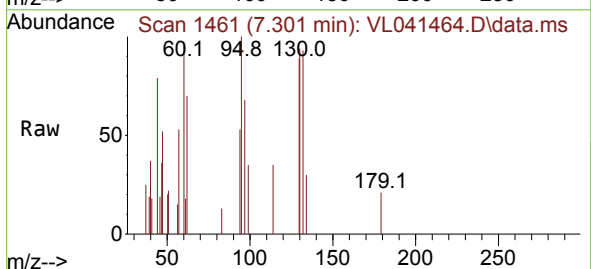
Instrument :
MSVOA_L
ClientSampleId :

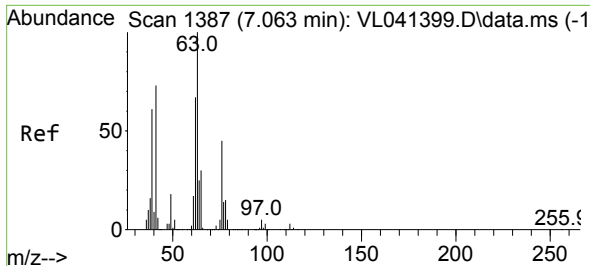
Tgt Ion: 62 Resp: 2009
Ion Ratio Lower Upper
62 100
98 0.0 5.0 7.4#



#38
Trichloroethene
Concen: 0.012 ppbv
RT: 7.301 min Scan# 1461
Delta R.T. 0.003 min
Lab File: VL041464.D
Acq: 31 Jul 2024 15:36

Tgt Ion:130 Resp: 1077
Ion Ratio Lower Upper
130 100
95 18.8 90.2 135.2#
132 6.6 78.1 117.1#
97 5.3 59.7 89.5#





#39

1,2-Dichloropropane

Concen: 8.820 ppbv

RT: 6.658 min Scan# 11

Delta R.T. -0.418 min

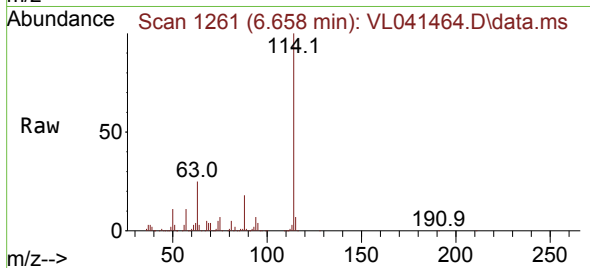
Lab File: VL041464.D

Acq: 31 Jul 2024 15:36

Instrument :

MSVOA_L

ClientSampleId :



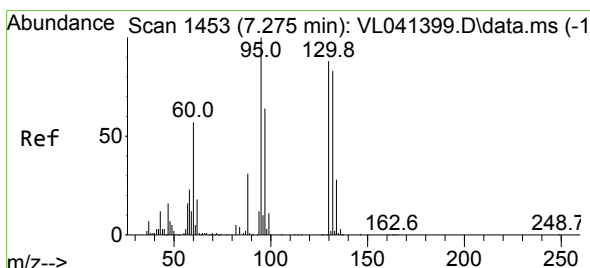
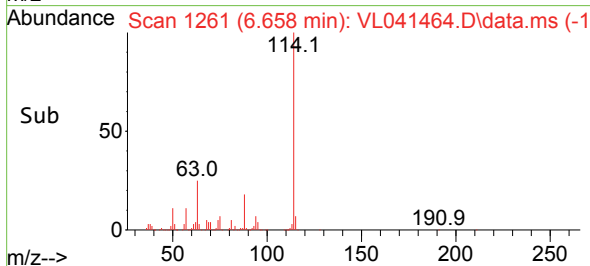
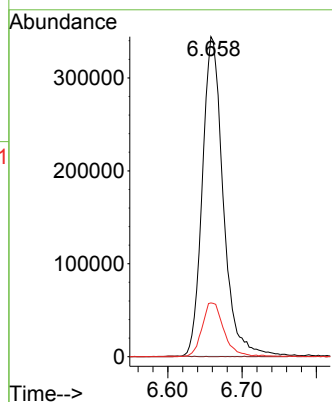
Tgt Ion: 63 Resp: 672088

Ion Ratio Lower Upper

63 100

41 0.0 58.3 87.5#

62 16.7 53.9 80.9#



#40

1,4-Dioxane

Concen: 0.007 ppbv

RT: 7.308 min Scan# 1463

Delta R.T. 0.016 min

Lab File: VL041464.D

Acq: 31 Jul 2024 15:36

Tgt Ion: 88 Resp: 212

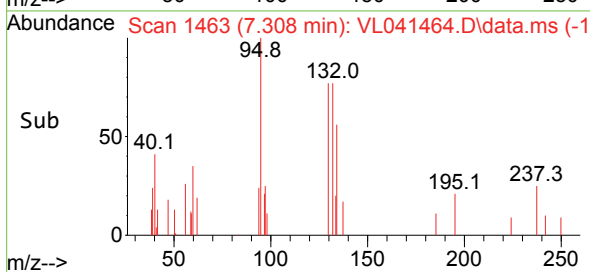
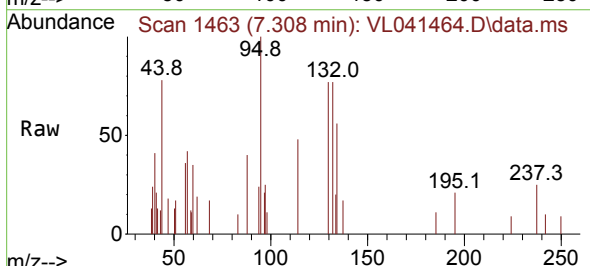
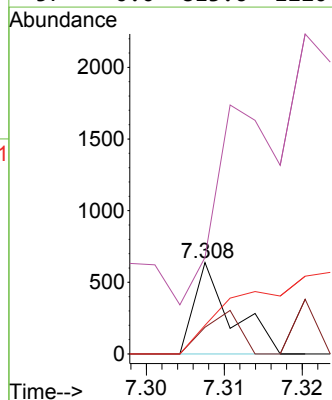
Ion Ratio Lower Upper

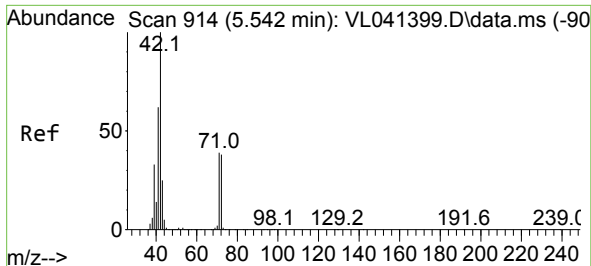
88 100

58 0.0 95.8 143.6#

43 0.0 188.2 282.2#

57 0.0 813.6 1220.4#





#41

Tetrahydrofuran

Concen: 0.000 ppbv

RT: 5.552 min Scan# 914

Delta R.T. -0.006 min

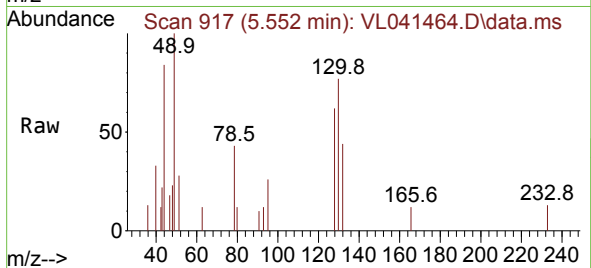
Lab File: VL041464.D

Acq: 31 Jul 2024 15:36

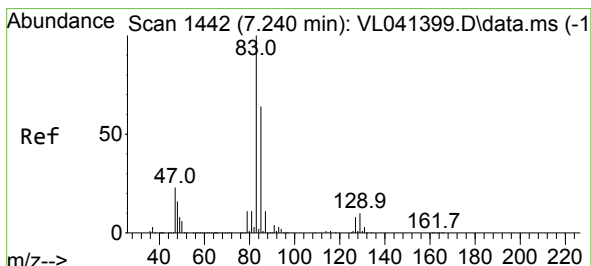
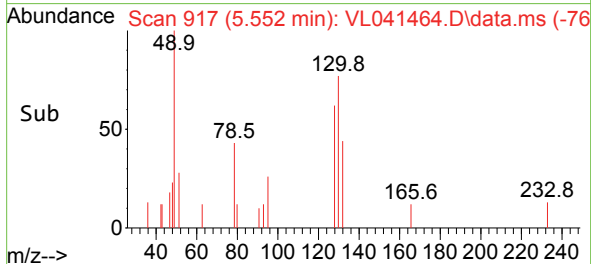
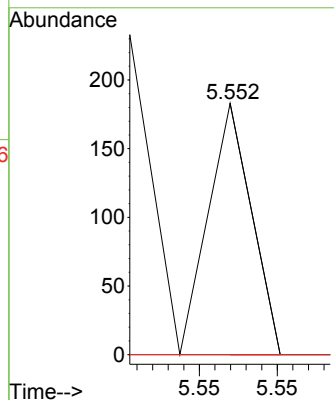
Instrument :

MSVOA_L

ClientSampleId :



Tgt Ion:	42	Resp:	35
Ion Ratio	Lower	Upper	
42	100		
72	0.0	31.2	46.8#
71	0.0	30.5	45.7#



#42

Bromodichloromethane

Concen: 0.010 ppbv

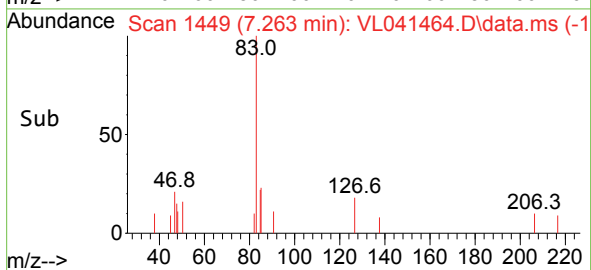
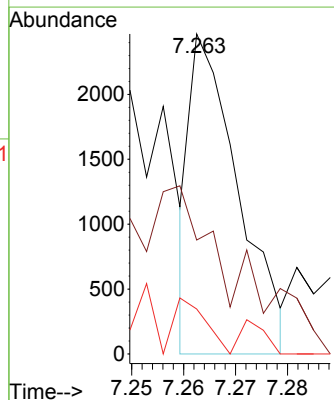
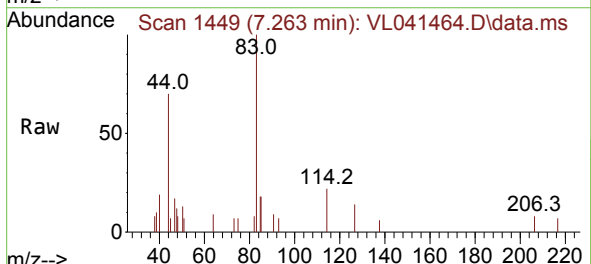
RT: 7.263 min Scan# 1449

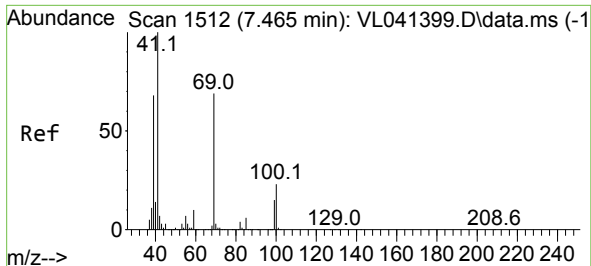
Delta R.T. 0.007 min

Lab File: VL041464.D

Acq: 31 Jul 2024 15:36

Tgt Ion:	83	Resp:	1595
Ion Ratio	Lower	Upper	
83	100		
85	17.7	51.4	77.0#
127	16.4	6.7	10.1#





#43

Methyl Methacrylate

Concen: 0.005 ppbv

RT: 7.478 min Scan# 1

Delta R.T. 0.000 min

Lab File: VL041464.D

Acq: 31 Jul 2024 15:36

Instrument :

MSVOA_L

ClientSampleId :

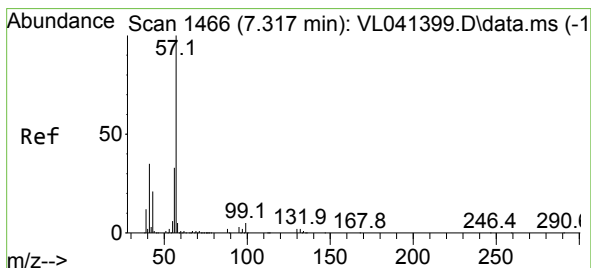
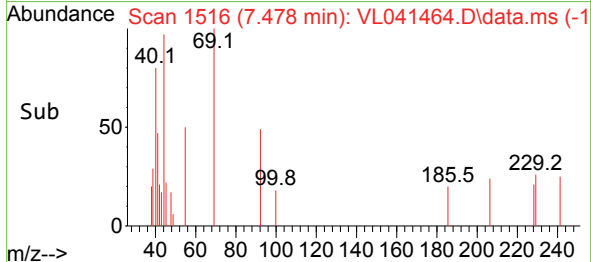
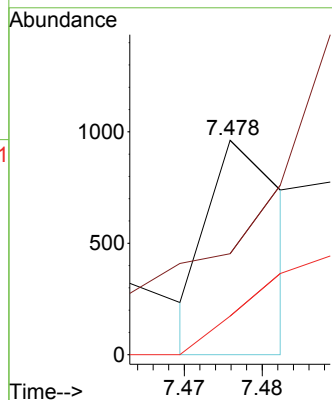
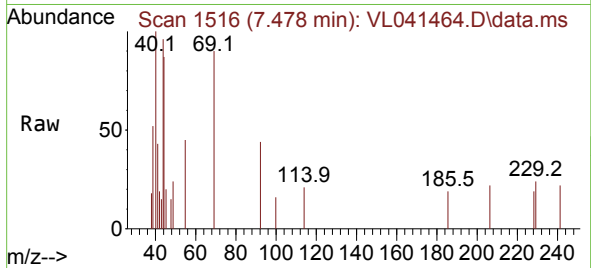
Tgt Ion: 69 Resp: 328

Ion Ratio Lower Upper

69 100

41 0.0 118.7 178.1#

100 0.0 27.0 40.4#



#44

2,2,4-Trimethylpentane

Concen: 0.012 ppbv

RT: 7.333 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VL041464.D

Acq: 31 Jul 2024 15:36

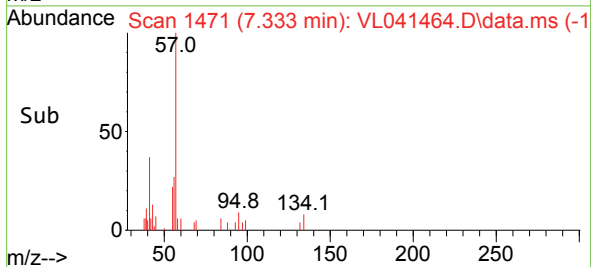
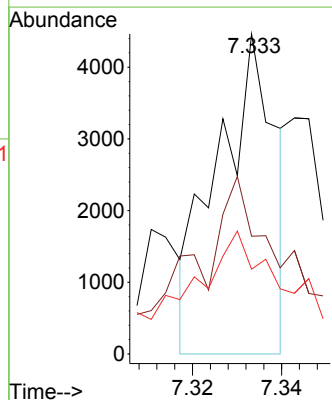
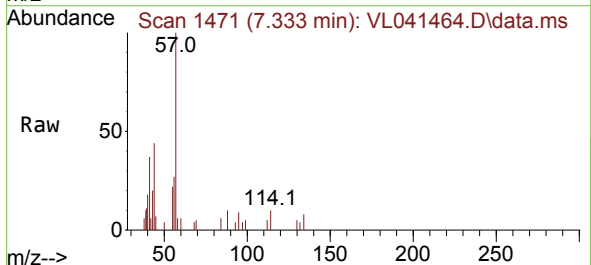
Tgt Ion: 57 Resp: 4027

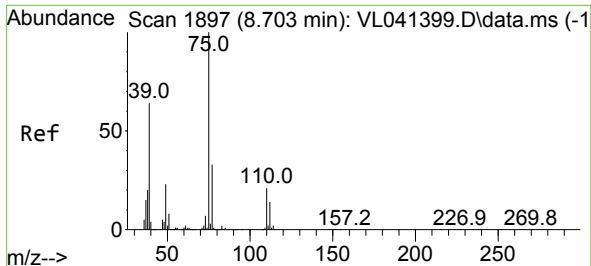
Ion Ratio Lower Upper

57 100

41 108.6 27.0 40.6#

56 84.5 25.2 37.8#





#45

t-1,3-Dichloropropene

Concen: 0.008 ppbv

RT: 8.713 min Scan# 1897

Delta R.T. 0.000 min

Lab File: VL041464.D

Acq: 31 Jul 2024 15:36

Instrument :

MSVOA_L

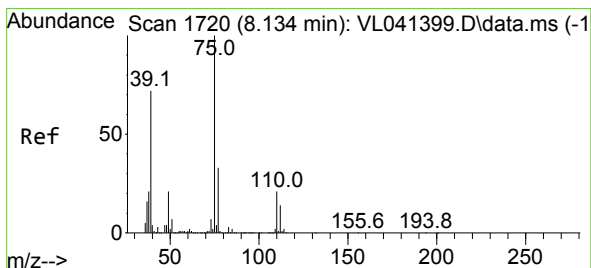
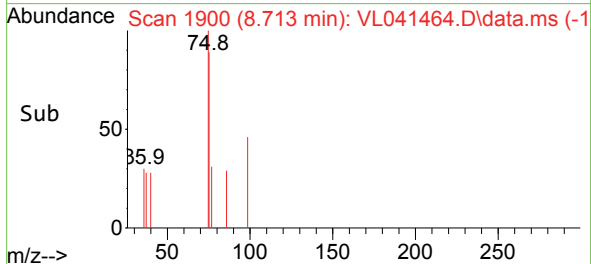
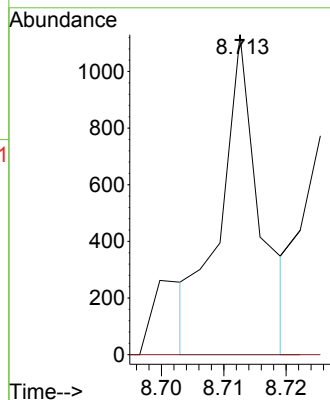
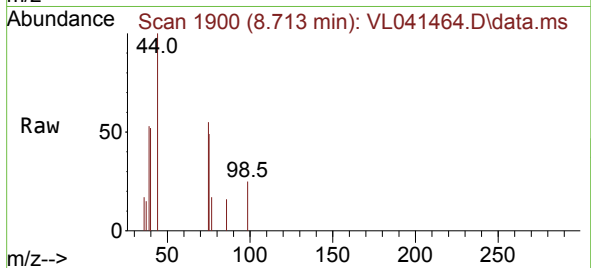
ClientSampleId :

Tgt Ion: 75 Resp: 499

Ion Ratio Lower Upper

75 100

77 0.0 26.5 39.7#



#46

cis-1,3-Dichloropropene

Concen: 0.004 ppbv

RT: 8.150 min Scan# 1725

Delta R.T. 0.000 min

Lab File: VL041464.D

Acq: 31 Jul 2024 15:36

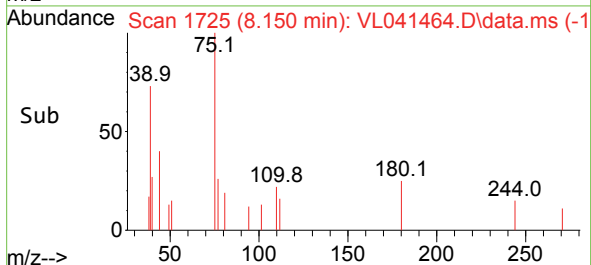
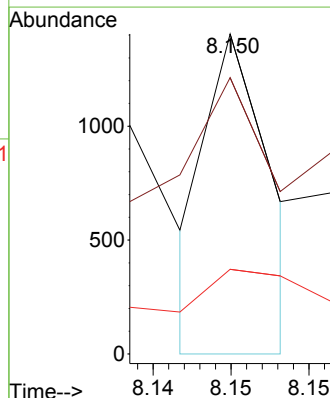
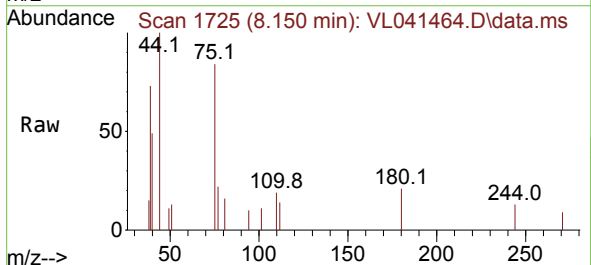
Tgt Ion: 75 Resp: 400

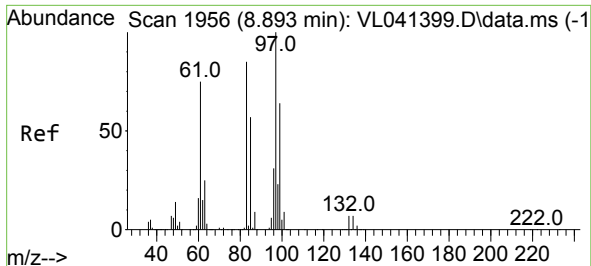
Ion Ratio Lower Upper

75 100

39 49.5 57.3 85.9#

77 21.8 26.2 39.2#





#47

1,1,2-Trichloroethane

Concen: 0.006 ppbv

RT: 8.909 min Scan# 1956

Delta R.T. 0.003 min

Lab File: VL041464.D

Acq: 31 Jul 2024 15:36

Instrument :

MSVOA_L

ClientSampleId :

Tgt Ion: 97 Resp: 462

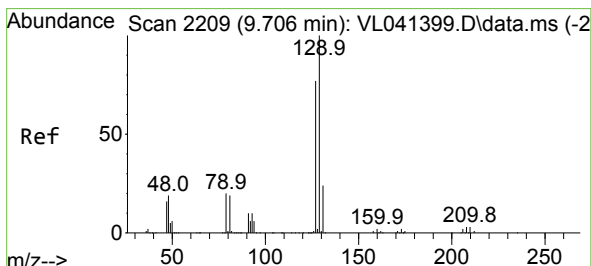
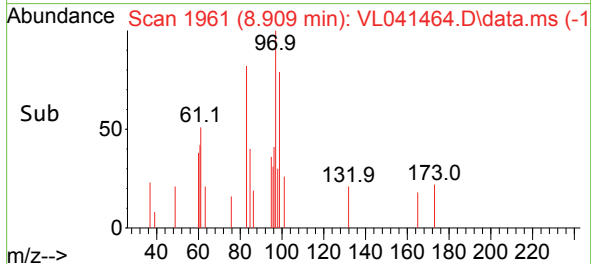
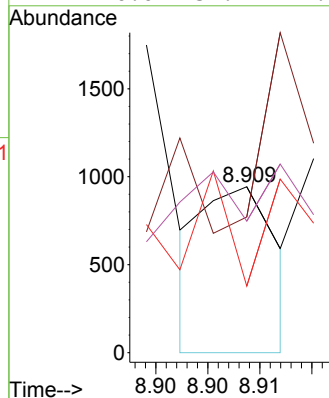
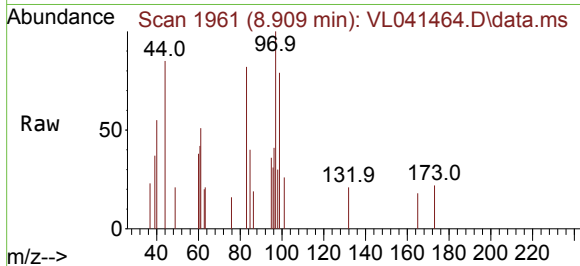
Ion Ratio Lower Upper

97 100

83 0.0 67.6 101.4#

85 0.0 45.9 68.9#

99 0.0 51.4 77.0#



#48

Dibromochloromethane

Concen: 0.001 ppbv

RT: 9.745 min Scan# 2221

Delta R.T. 0.026 min

Lab File: VL041464.D

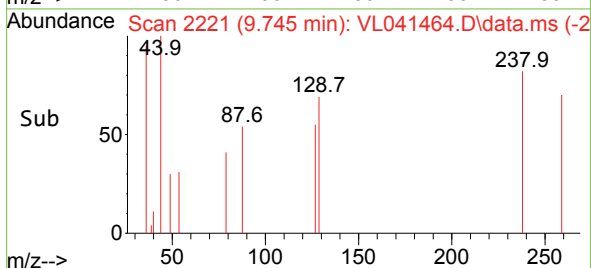
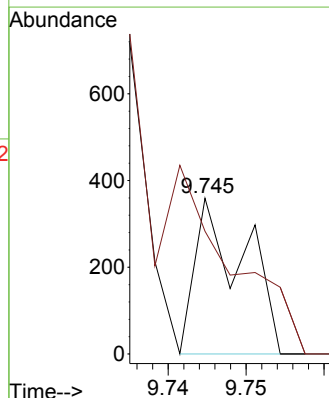
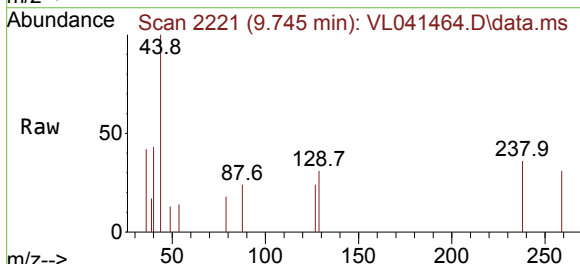
Acq: 31 Jul 2024 15:36

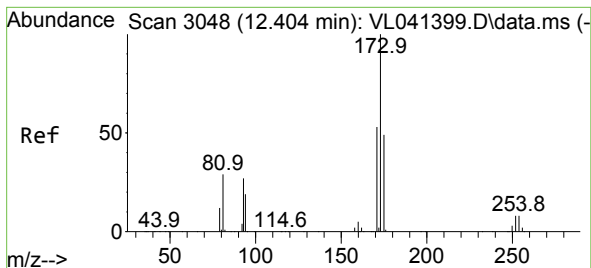
Tgt Ion: 129 Resp: 156

Ion Ratio Lower Upper

129 100

127 57.1 39.3 117.8





#49

Bromoform

Concen: 0.003 ppbv

RT: 12.413 min Scan# 3048

Delta R.T. 0.000 min

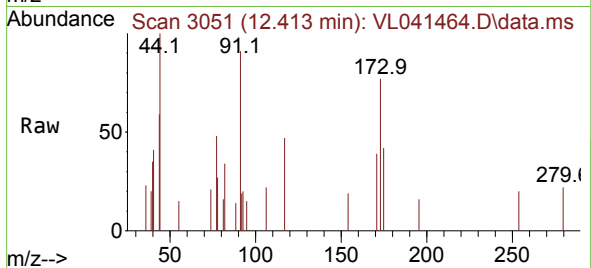
Lab File: VL041464.D

Acq: 31 Jul 2024 15:36

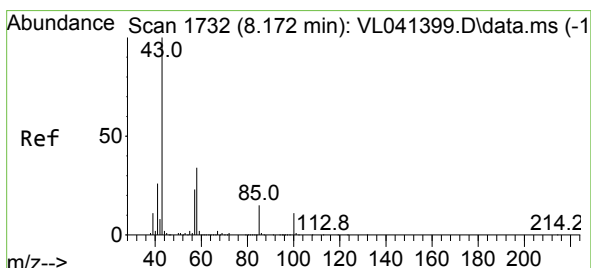
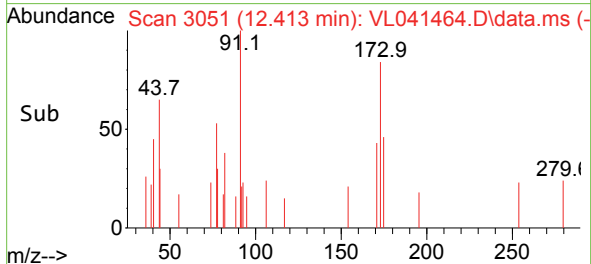
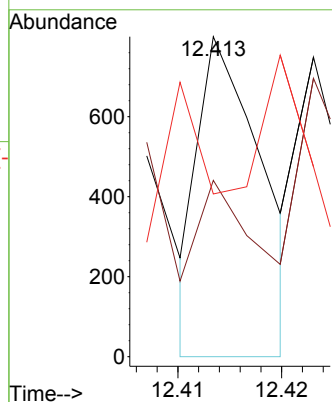
Instrument :

MSVOA_L

ClientSampleId :



Tgt Ion:	173	Resp:	339
Ion Ratio	Lower	Upper	
173	100		
175	0.0	39.9	59.9#
171	0.0	41.7	62.5#



#50

4-Methyl-2-Pentanone

Concen: 0.001 ppbv

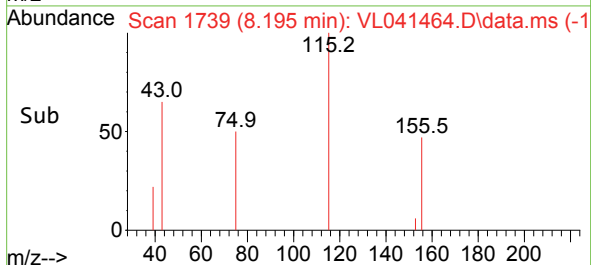
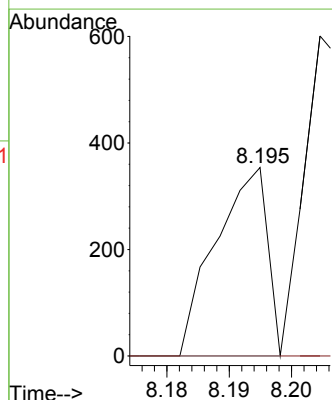
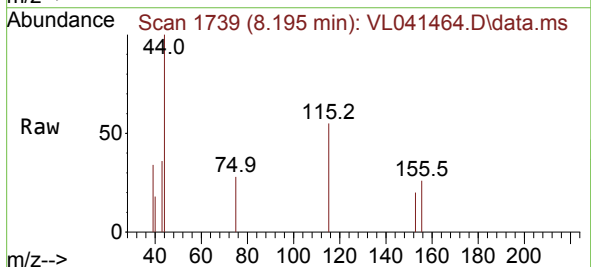
RT: 8.195 min Scan# 1739

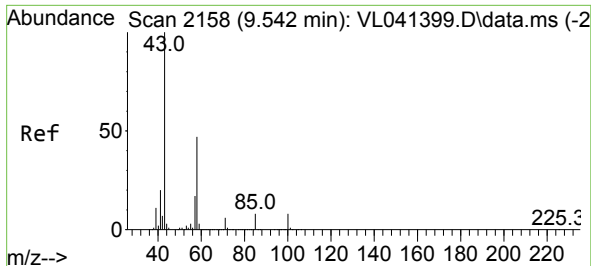
Delta R.T. 0.010 min

Lab File: VL041464.D

Acq: 31 Jul 2024 15:36

Tgt Ion:	43	Resp:	204
Ion Ratio	Lower	Upper	
43	100		
58	0.0	27.9	41.9#

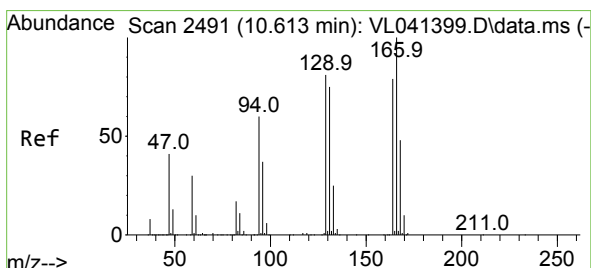
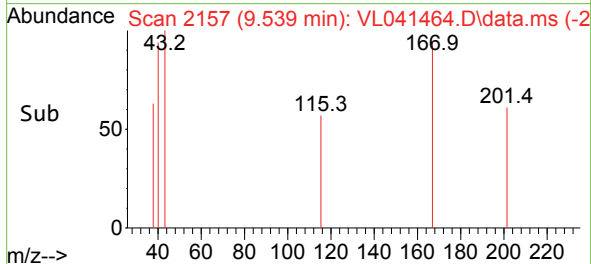
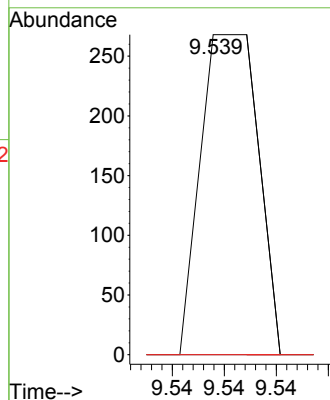
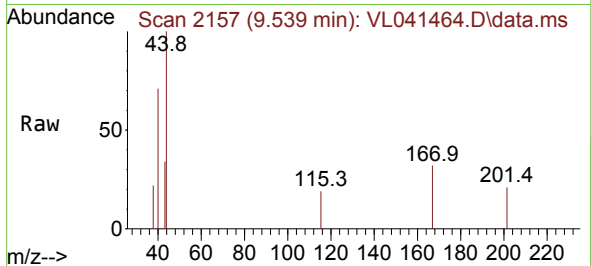




#51
2-Hexanone
Concen: 0.001 ppbv
RT: 9.539 min Scan# 2158
Delta R.T. -0.013 min
Lab File: VL041464.D
Acq: 31 Jul 2024 15:36

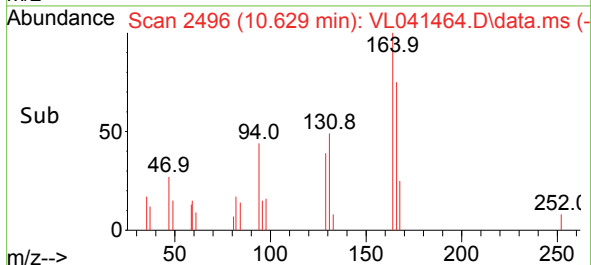
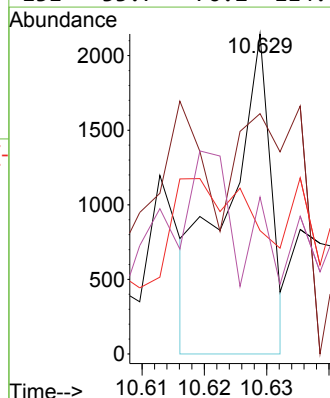
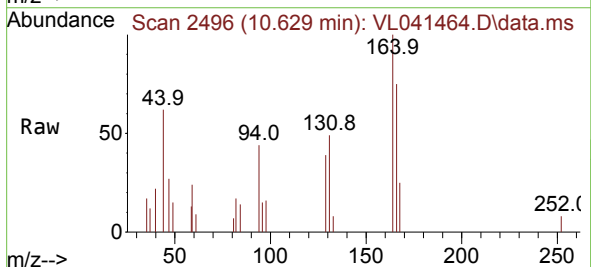
Instrument :
MSVOA_L
ClientSampleId :

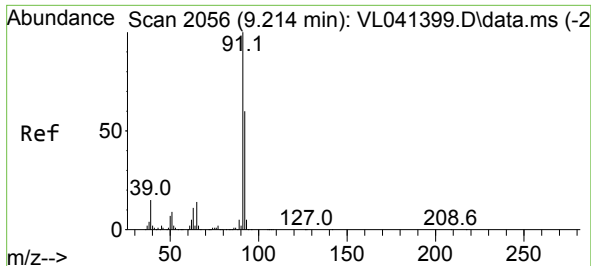
Tgt Ion: 43 Resp: 103
Ion Ratio Lower Upper
43 100
58 0.0 38.2 57.2#
98 39.8 0.3 0.5#



#52
Tetrachloroethene
Concen: 0.014 ppbv
RT: 10.629 min Scan# 2496
Delta R.T. 0.007 min
Lab File: VL041464.D
Acq: 31 Jul 2024 15:36

Tgt Ion: 164 Resp: 1054
Ion Ratio Lower Upper
164 100
166 14.8 101.1 151.7#
129 6.8 81.7 122.5#
131 33.7 76.2 114.4#

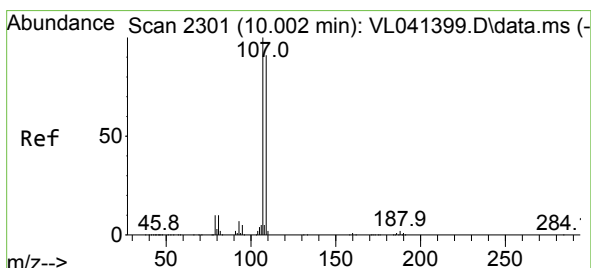
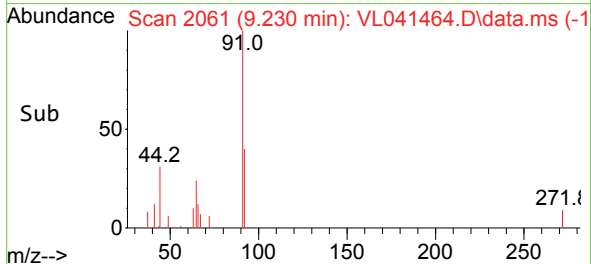
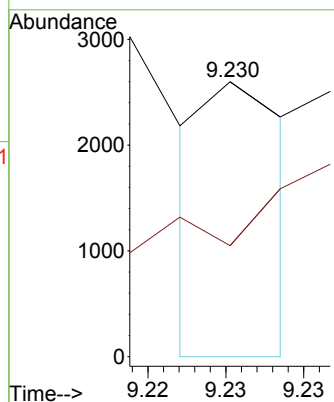
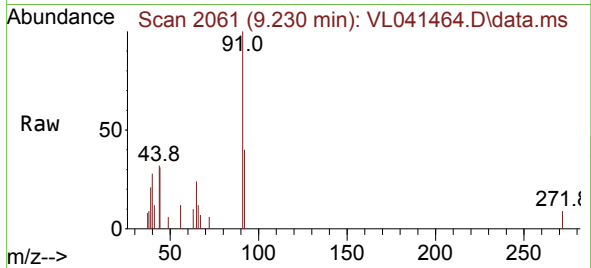




#53
Toluene
Concen: 0.004 ppbv
RT: 9.230 min Scan# 2056
Delta R.T. 0.003 min
Lab File: VL041464.D
Acq: 31 Jul 2024 15:36

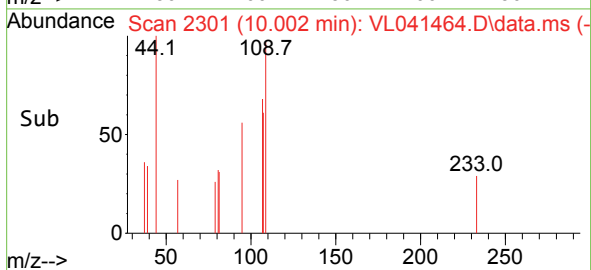
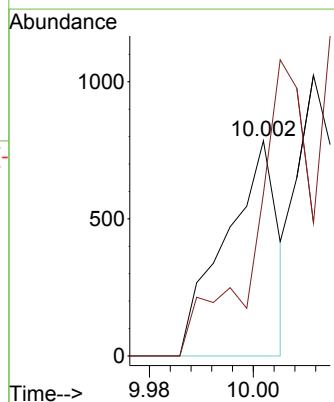
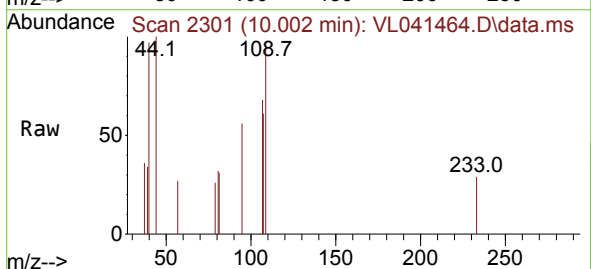
Instrument :
MSVOA_L
ClientSampleId :

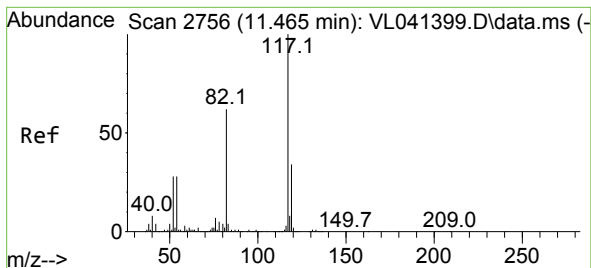
Tgt Ion: 91 Resp: 939
Ion Ratio Lower Upper
91 100
92 0.0 48.7 73.1#



#54
1,2-Dibromoethane
Concen: 0.005 ppbv
RT: 10.002 min Scan# 2301
Delta R.T. -0.013 min
Lab File: VL041464.D
Acq: 31 Jul 2024 15:36

Tgt Ion: 107 Resp: 545
Ion Ratio Lower Upper
107 100
109 75.3 72.7 109.1





#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 11.475 min Scan# 2756

Delta R.T. 0.003 min

Lab File: VL041464.D

Acq: 31 Jul 2024 15:36

Instrument :

MSVOA_L

ClientSampleId :

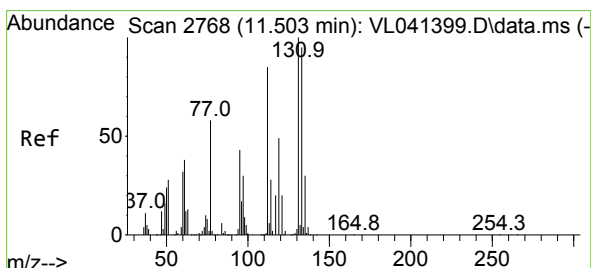
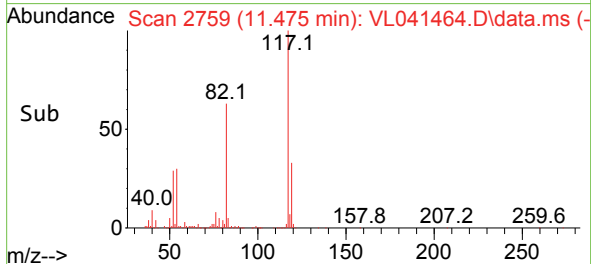
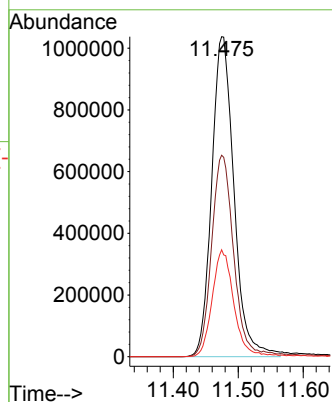
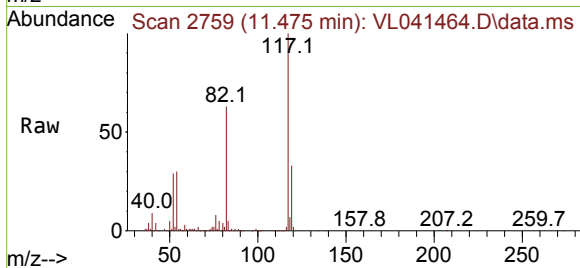
Tgt Ion:117 Resp: 2467120

Ion Ratio Lower Upper

117 100

82 63.8 51.0 76.6

119 33.0 45.2 67.8#



#56

1,1,1,2-Tetrachloroethane

Concen: 0.011 ppbv

RT: 11.513 min Scan# 2771

Delta R.T. -0.003 min

Lab File: VL041464.D

Acq: 31 Jul 2024 15:36

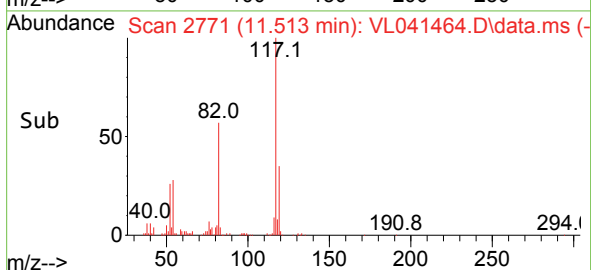
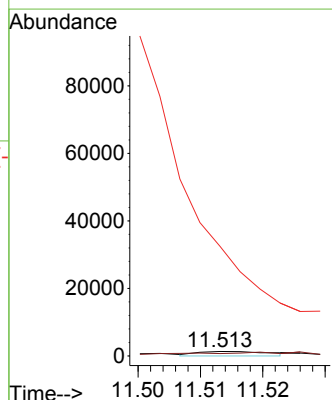
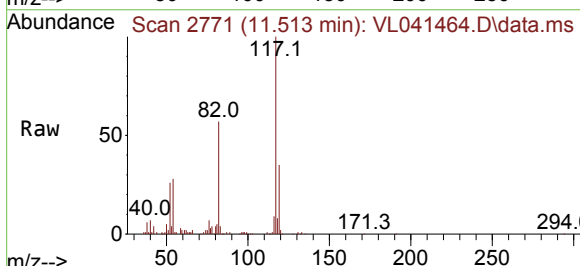
Tgt Ion:131 Resp: 1079

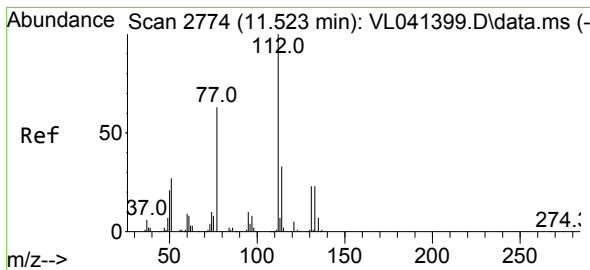
Ion Ratio Lower Upper

131 100

133 0.0 77.0 115.4#

119 0.0 121.5 182.3#





#57

Chlorobenzene

Concen: 0.010 ppbv

RT: 11.545 min Scan# 21

Delta R.T. 0.010 min

Lab File: VL041464.D

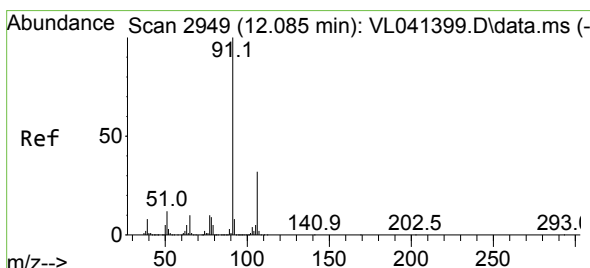
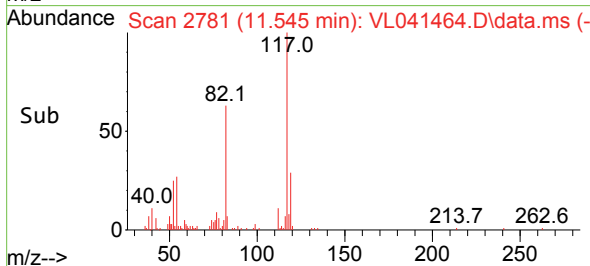
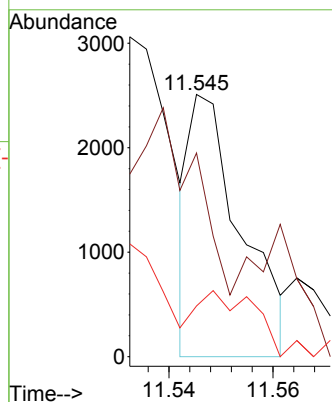
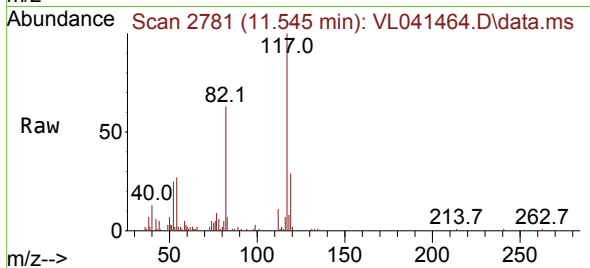
Acq: 31 Jul 2024 15:36

Instrument :

MSVOA_L

ClientSampleId :

Tgt Ion:112	Resp:	1714
Ion Ratio	Lower	Upper
112	100	
77	35.6	51.1 76.7#
114	16.0	29.5 36.1#



#58

Ethyl Benzene

Concen: 0.003 ppbv

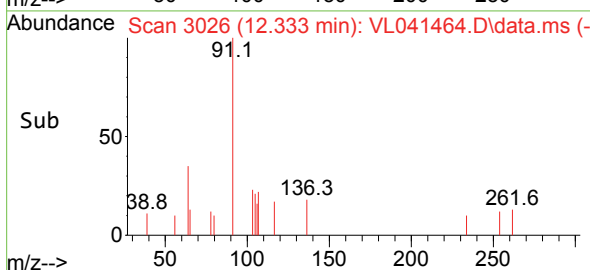
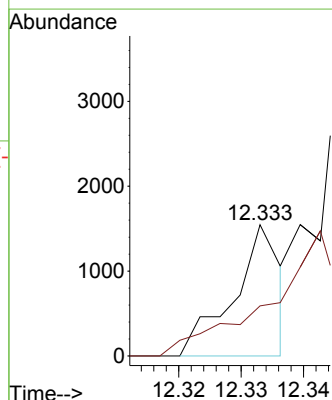
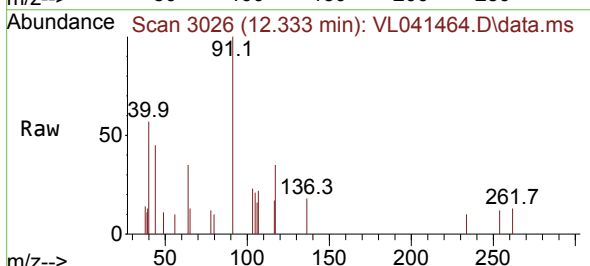
RT: 12.333 min Scan# 3026

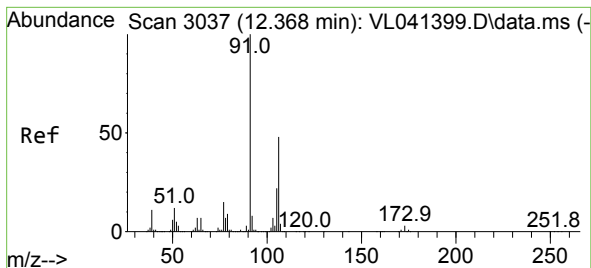
Delta R.T. 0.235 min

Lab File: VL041464.D

Acq: 31 Jul 2024 15:36

Tgt Ion: 91	Resp:	819
Ion Ratio	Lower	Upper
91	100	
106	26.2	25.8 38.8





#59

m/p-Xylene

Concen: 0.005 ppbv

RT: 12.378 min Scan# 3037

Delta R.T. 0.000 min

Lab File: VL041464.D

Acq: 31 Jul 2024 15:36

Instrument :

MSVOA_L

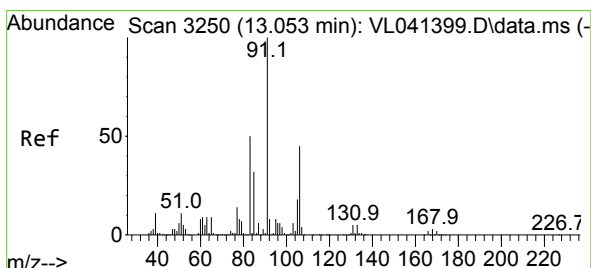
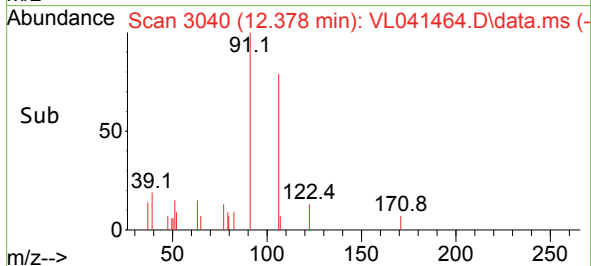
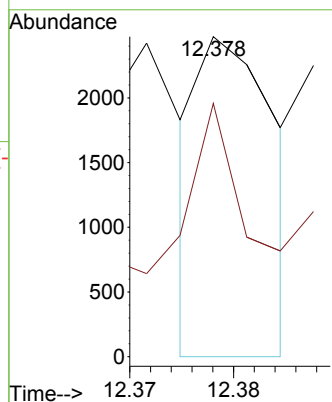
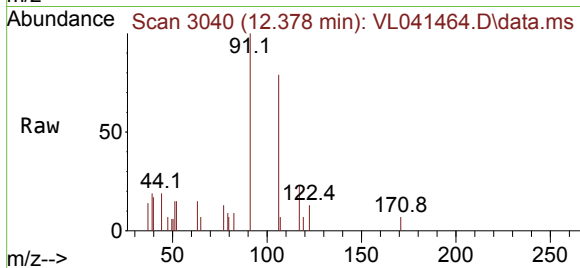
ClientSampleId :

Tgt Ion: 91 Resp: 1254

Ion Ratio Lower Upper

91 100

106 365.6 36.3 54.5#



#60

o-Xylene

Concen: 0.005 ppbv

RT: 13.073 min Scan# 3256

Delta R.T. 0.007 min

Lab File: VL041464.D

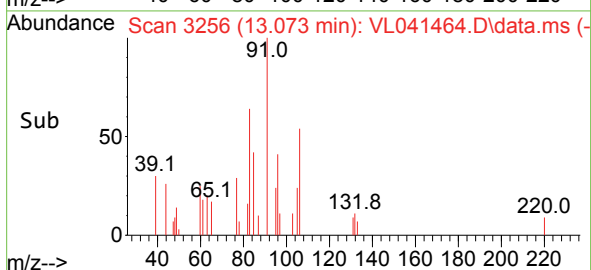
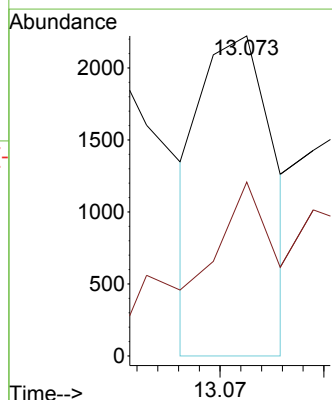
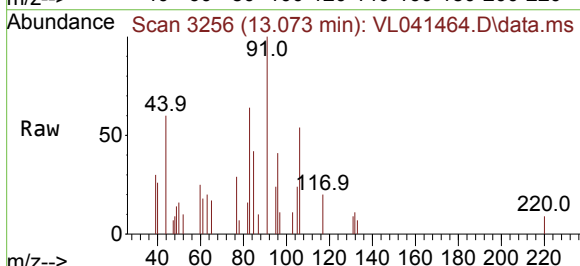
Acq: 31 Jul 2024 15:36

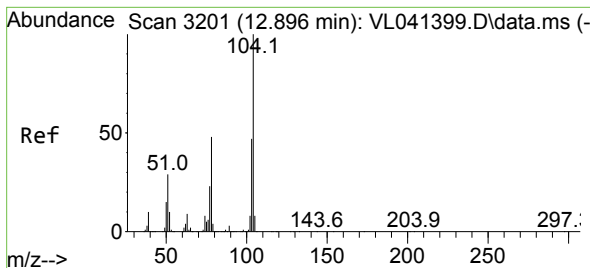
Tgt Ion: 91 Resp: 1076

Ion Ratio Lower Upper

91 100

106 182.7 23.1 69.3#





#61

Styrene

Concen: 0.008 ppbv

RT: 12.909 min Scan# 31

Delta R.T. 0.003 min

Lab File: VL041464.D

Acq: 31 Jul 2024 15:36

Instrument :

MSVOA_L

ClientSampleId :

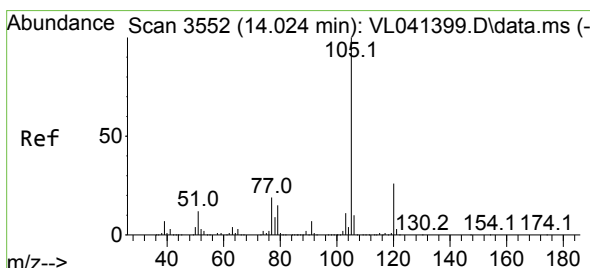
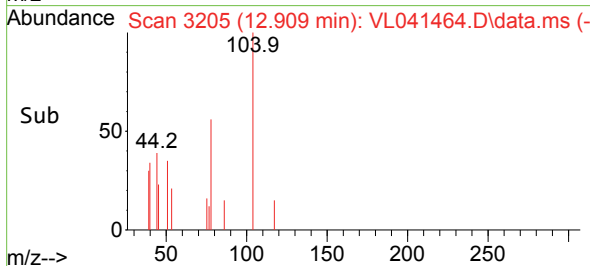
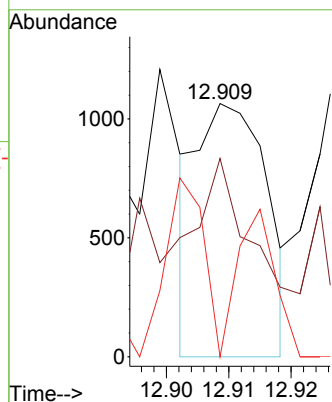
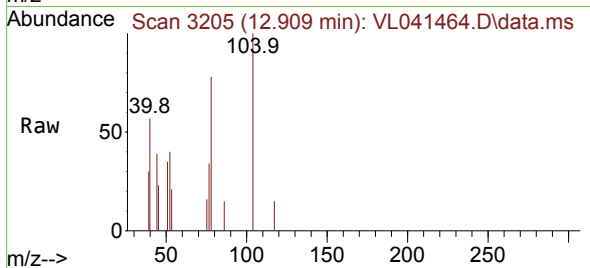
Tgt Ion:104 Resp: 830

Ion Ratio Lower Upper

104 100

78 144.6 40.8 61.2#

103 0.0 38.2 57.4#



#62

Isopropylbenzene

Concen: 0.005 ppbv

RT: 14.044 min Scan# 3558

Delta R.T. 0.007 min

Lab File: VL041464.D

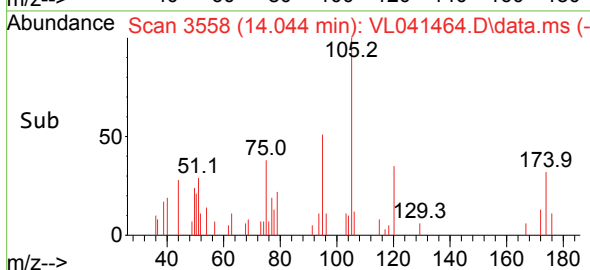
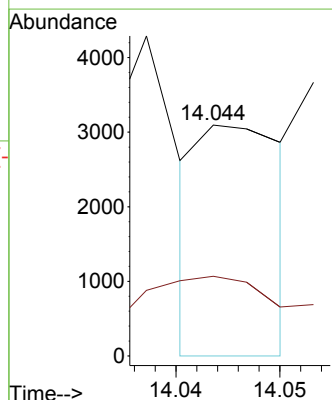
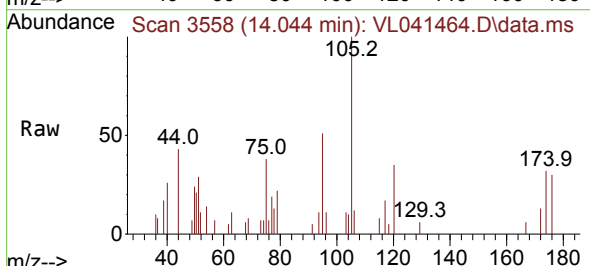
Acq: 31 Jul 2024 15:36

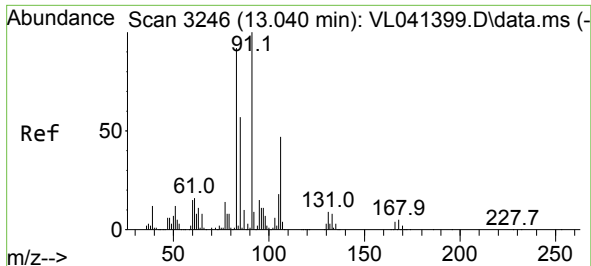
Tgt Ion:105 Resp: 1737

Ion Ratio Lower Upper

105 100

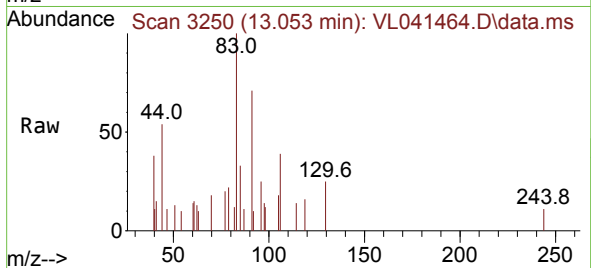
120 0.0 21.0 31.4#



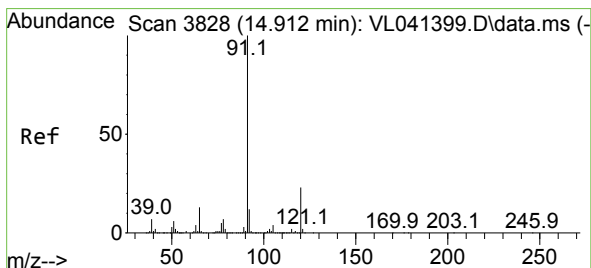
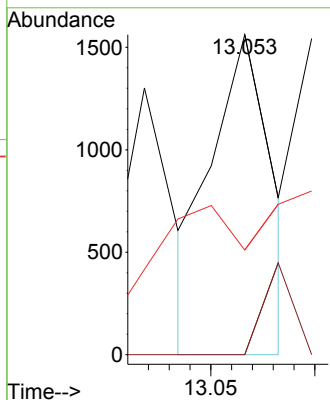
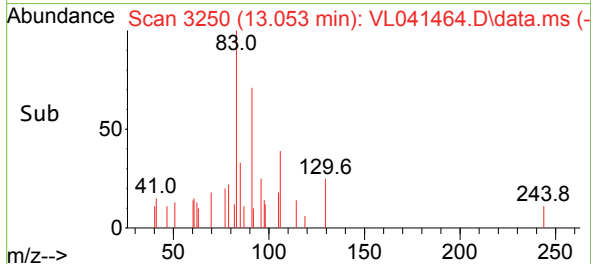


#63
1,1,2,2-Tetrachloroethane
Concen: 0.004 ppbv
RT: 13.053 min Scan# 31
Delta R.T. -0.003 min
Lab File: VL041464.D
Acq: 31 Jul 2024 15:36

Instrument :
MSVOA_L
ClientSampleId :

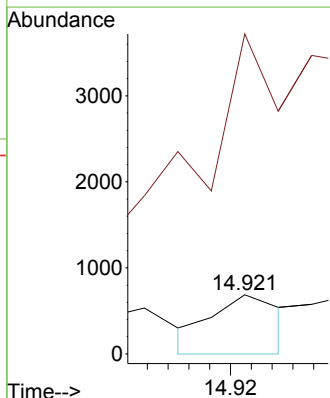
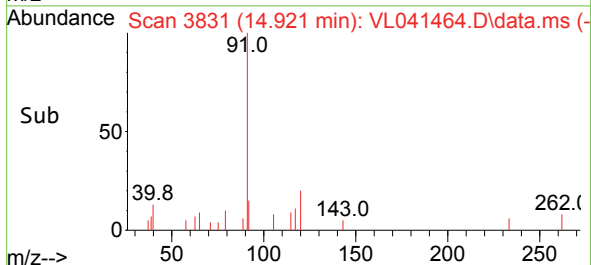
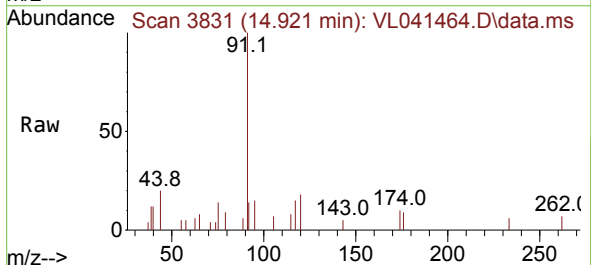


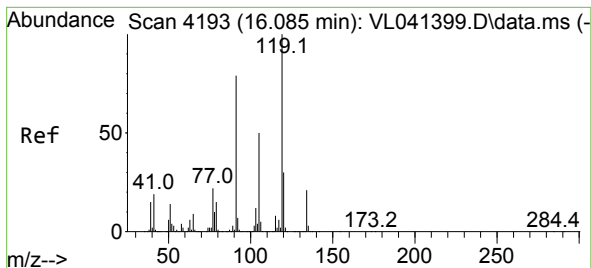
Tgt Ion: 83 Resp: 627
Ion Ratio Lower Upper
83 100
131 27.4 4.8 14.4#
85 0.0 32.6 98.0#



#64
n-propylbenzene
Concen: 0.003 ppbv
RT: 14.921 min Scan# 3831
Delta R.T. 0.000 min
Lab File: VL041464.D
Acq: 31 Jul 2024 15:36

Tgt Ion:120 Resp: 318
Ion Ratio Lower Upper
120 100
91 0.0 361.4 542.0#





#65

tert-Butylbenzene

Concen: 0.012 ppbv

RT: 16.108 min Scan# 4193

Delta R.T. 0.013 min

Lab File: VL041464.D

Acq: 31 Jul 2024 15:36

Instrument :

MSVOA_L

ClientSampleId :

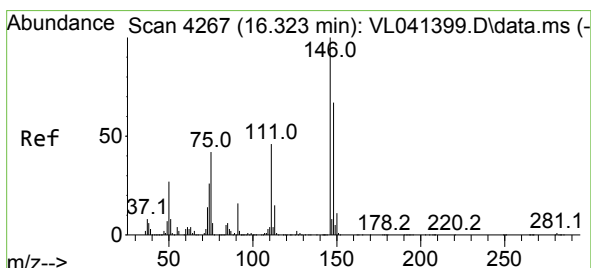
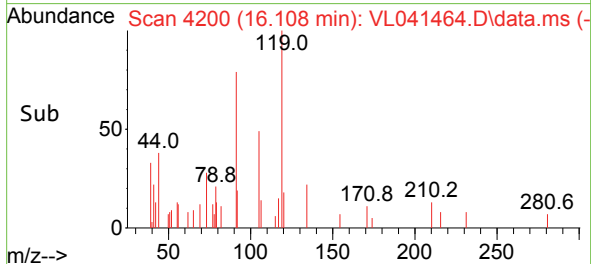
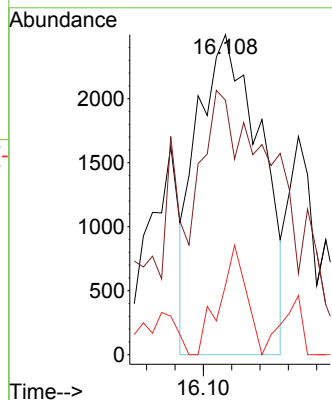
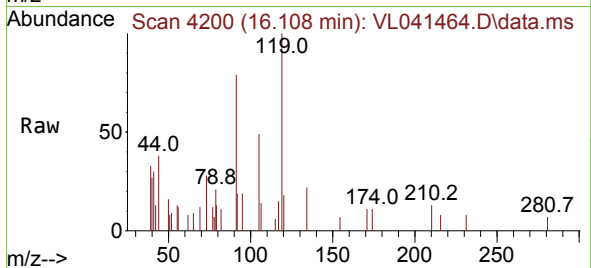
Tgt Ion:119 Resp: 3899

Ion Ratio Lower Upper

119 100

91 160.4 64.2 96.2#

134 28.0 15.7 23.5#



#66

Benzyl Chloride

Concen: 0.008 ppbv

RT: 16.339 min Scan# 4272

Delta R.T. 0.003 min

Lab File: VL041464.D

Acq: 31 Jul 2024 15:36

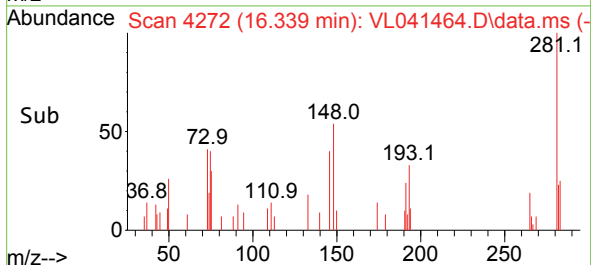
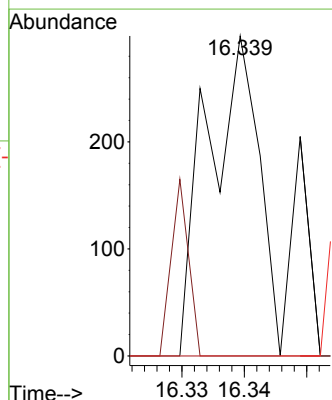
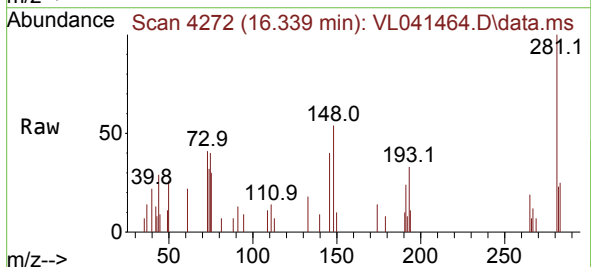
Tgt Ion: 91 Resp: 171

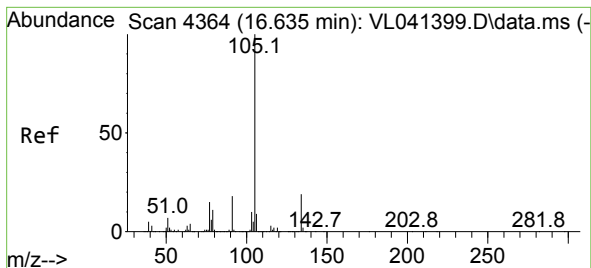
Ion Ratio Lower Upper

91 100

126 0.0 13.8 20.8#

128 0.0 4.4 6.6#





#67

sec-Butylbenzene

Concen: 0.015 ppbv

RT: 16.651 min Scan# 41

Delta R.T. 0.010 min

Lab File: VL041464.D

Acq: 31 Jul 2024 15:36

Instrument :

MSVOA_L

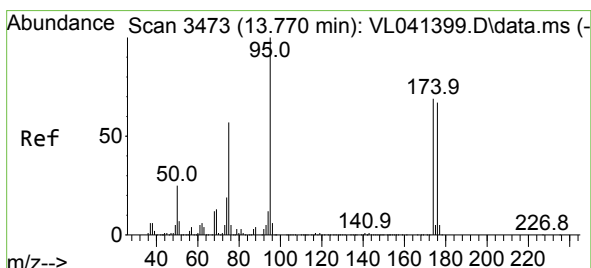
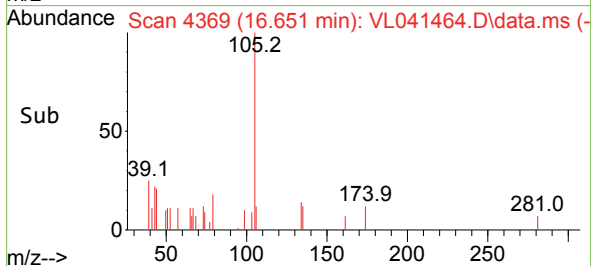
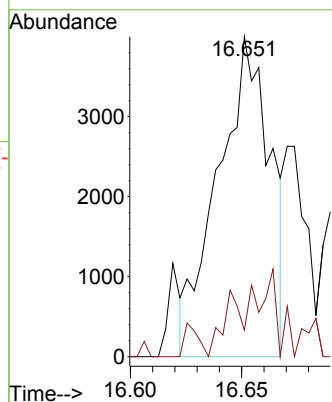
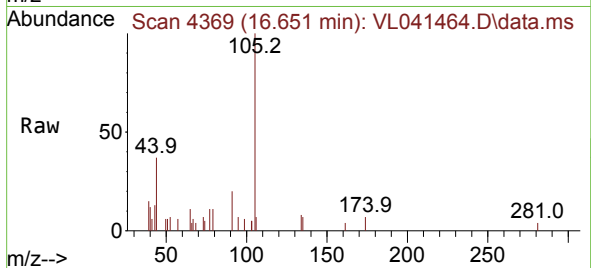
ClientSampleId :

Tgt Ion:105 Resp: 6458

Ion Ratio Lower Upper

105 100

134 0.0 14.5 21.7#



#68

1-Bromo-4-Fluorobenzene

Concen: 9.786 ppbv

RT: 13.786 min Scan# 3478

Delta R.T. 0.003 min

Lab File: VL041464.D

Acq: 31 Jul 2024 15:36

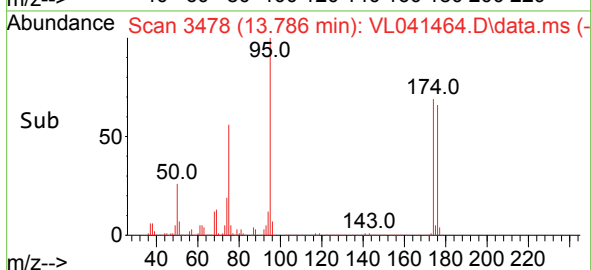
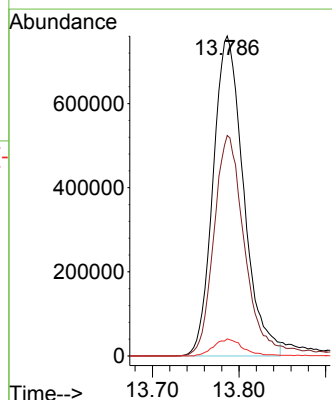
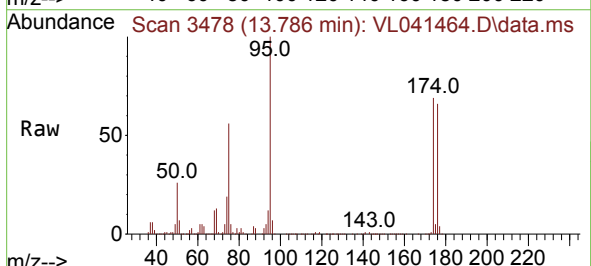
Tgt Ion: 95 Resp: 1858043

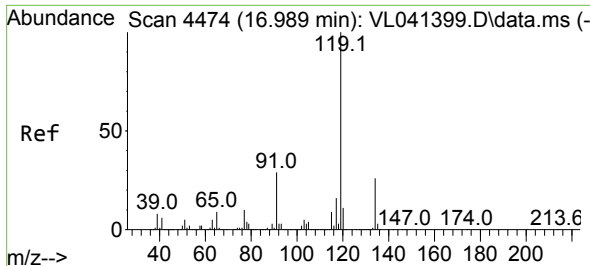
Ion Ratio Lower Upper

95 100

174 71.9 56.3 84.5

175 5.2 4.0 6.0





#69

p-Isopropyltoluene

Concen: 0.005 ppbv

RT: 17.008 min Scan# 4474

Delta R.T. 0.007 min

Lab File: VL041464.D

Acq: 31 Jul 2024 15:36

Instrument :

MSVOA_L

ClientSampleId :

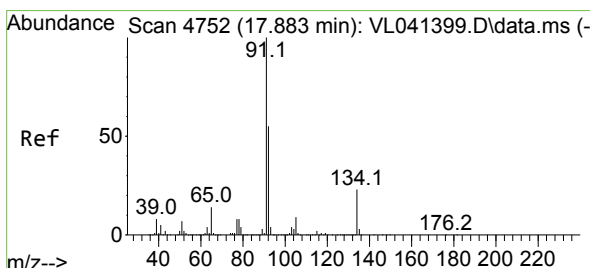
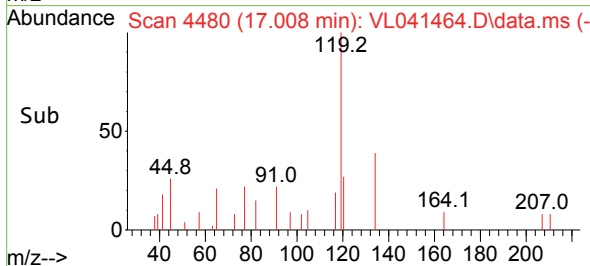
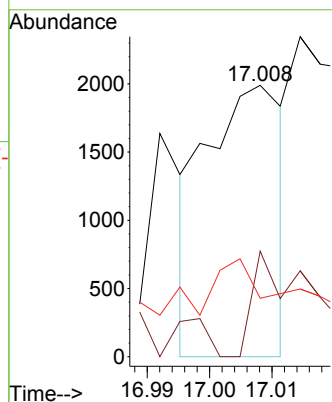
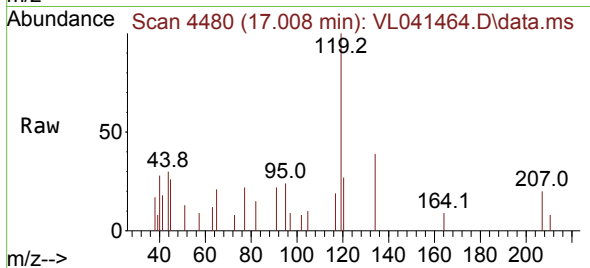
Tgt Ion:119 Resp: 1703

Ion Ratio Lower Upper

119 100

134 71.3 20.5 30.7#

91 72.0 23.2 34.8#



#70

n-Butylbenzene

Concen: 0.005 ppbv

RT: 17.896 min Scan# 4756

Delta R.T. 0.003 min

Lab File: VL041464.D

Acq: 31 Jul 2024 15:36

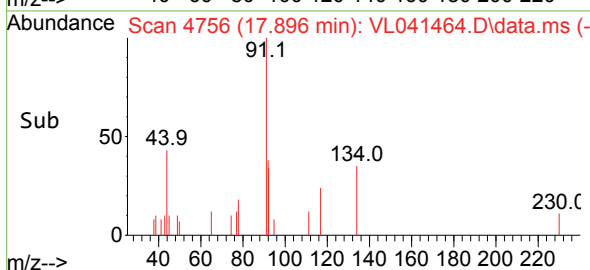
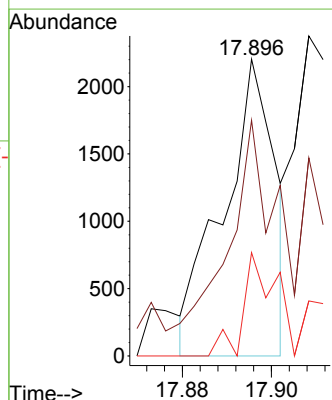
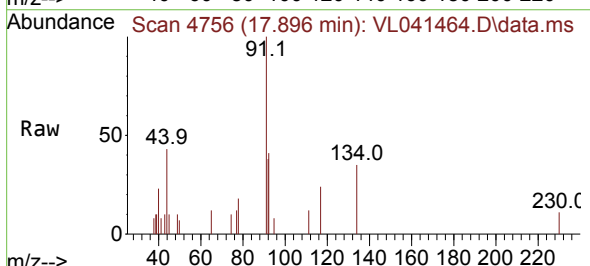
Tgt Ion: 91 Resp: 1773

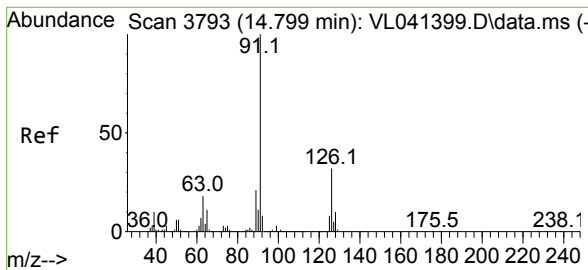
Ion Ratio Lower Upper

91 100

92 0.0 43.2 64.8#

134 84.8 18.5 27.7#

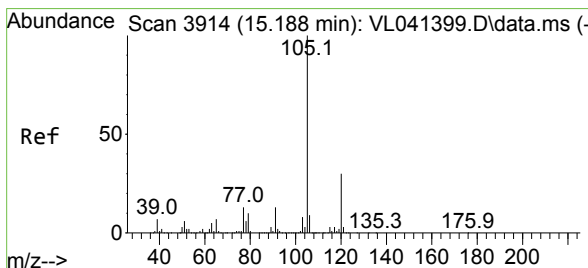
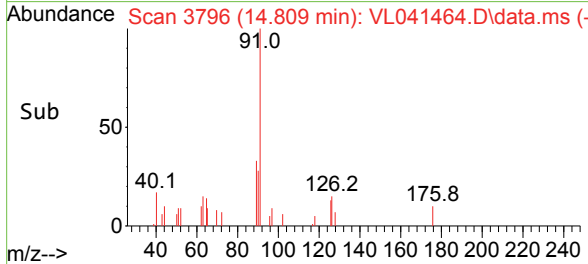
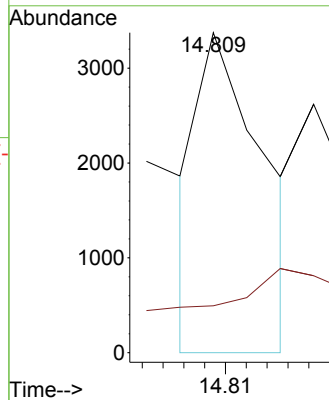
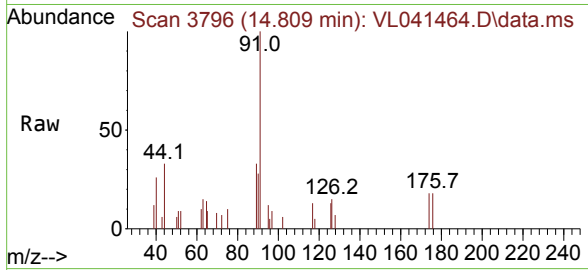




#71
2-Chlorotoluene
Concen: 0.006 ppbv
RT: 14.809 min Scan# 31
Delta R.T. 0.003 min
Lab File: VL041464.D
Acq: 31 Jul 2024 15:36

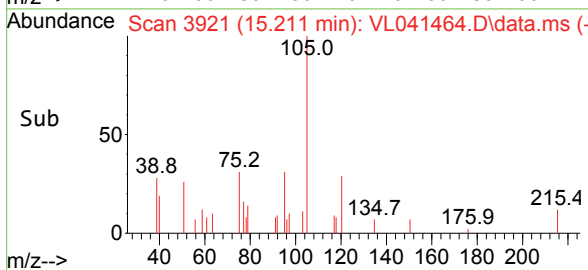
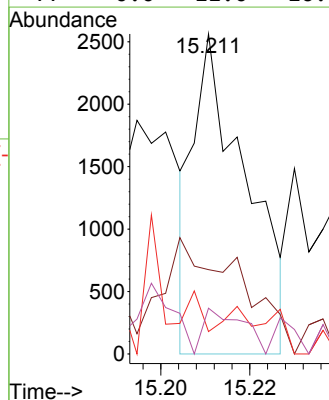
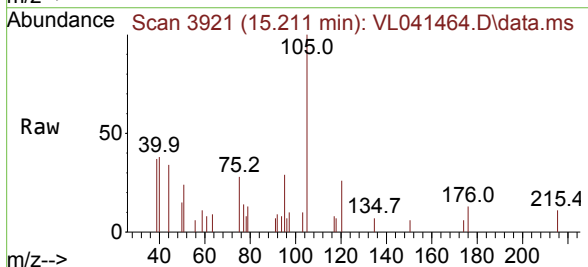
Instrument :
MSVOA_L
ClientSampleId :

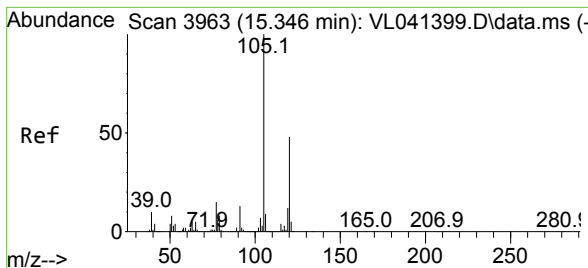
Tgt Ion: 91 Resp: 1460
Ion Ratio Lower Upper
91 100
126 0.0 12.7 50.9#



#72
4-Ethyltoluene
Concen: 0.008 ppbv
RT: 15.211 min Scan# 3921
Delta R.T. 0.013 min
Lab File: VL041464.D
Acq: 31 Jul 2024 15:36

Tgt Ion:105 Resp: 2087
Ion Ratio Lower Upper
105 100
120 80.0 24.2 36.2#
91 36.4 10.4 15.6#
77 0.0 11.0 16.4#





#73

1,3,5-Trimethylbenzene

Concen: 0.004 ppbv

RT: 15.359 min Scan# 3967

Delta R.T. 0.000 min

Lab File: VL041464.D

Acq: 31 Jul 2024 15:36

Instrument :

MSVOA_L

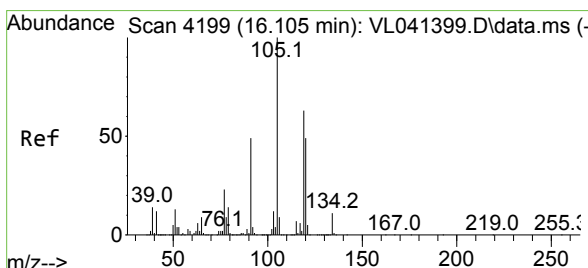
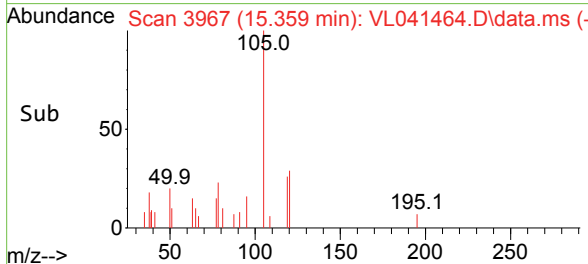
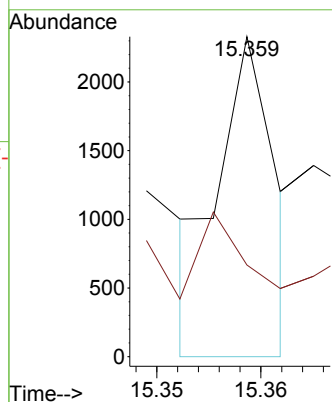
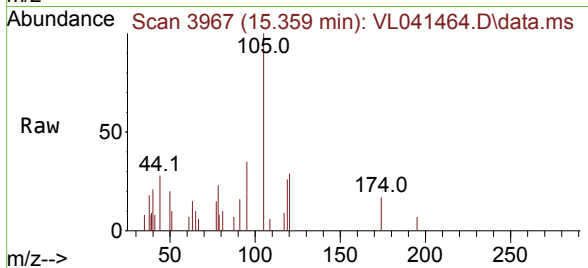
ClientSampleId :

Tgt Ion:105 Resp: 875

Ion Ratio Lower Upper

105 100

120 18.8 38.6 57.8#



#74

1,2,4-Trimethylbenzene

Concen: 0.004 ppbv

RT: 16.117 min Scan# 4203

Delta R.T. 0.000 min

Lab File: VL041464.D

Acq: 31 Jul 2024 15:36

Tgt Ion:105 Resp: 1084

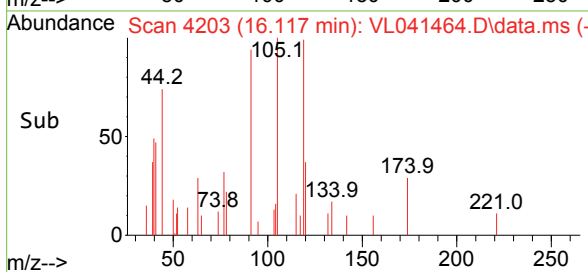
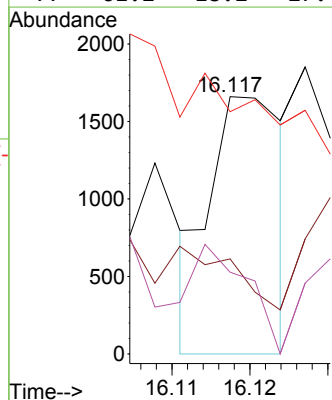
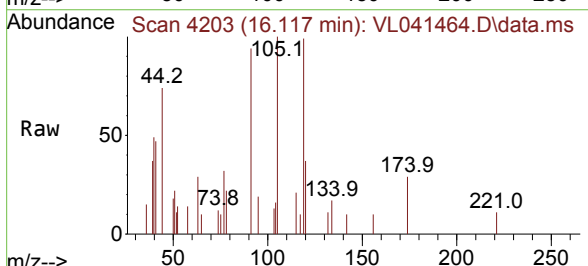
Ion Ratio Lower Upper

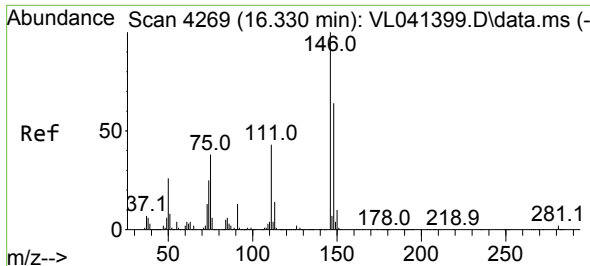
105 100

120 38.1 39.5 59.3#

91 9.8 39.8 59.8#

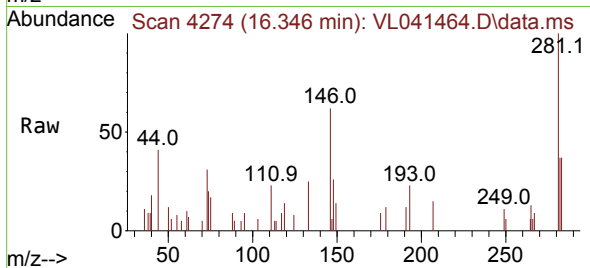
77 61.2 18.2 27.4#



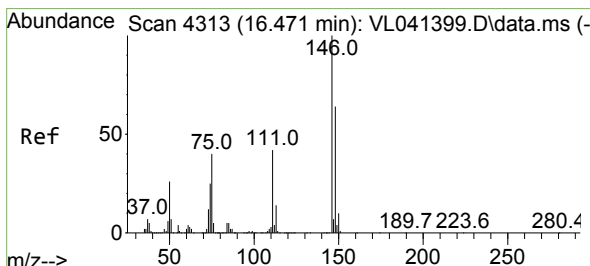
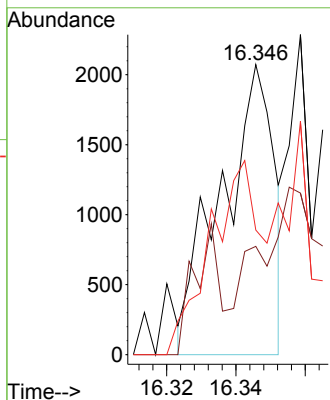
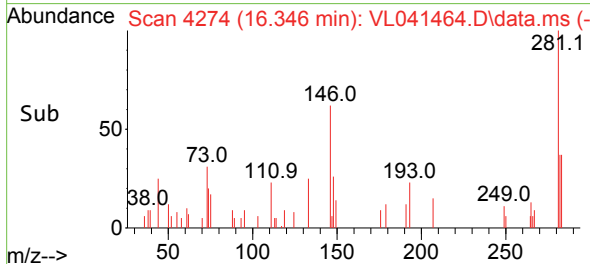


#75
1,3-Dichlorobenzene
Concen: 0.013 ppbv
RT: 16.346 min Scan# 41
Delta R.T. 0.007 min
Lab File: VL041464.D
Acq: 31 Jul 2024 15:36

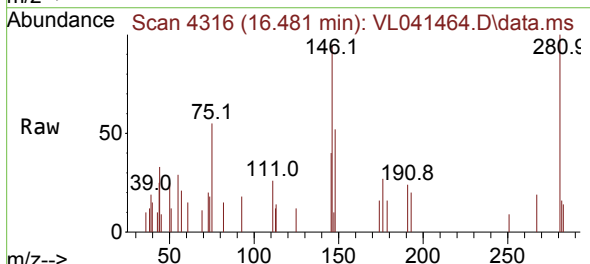
Instrument :
MSVOA_L
ClientSampleId :



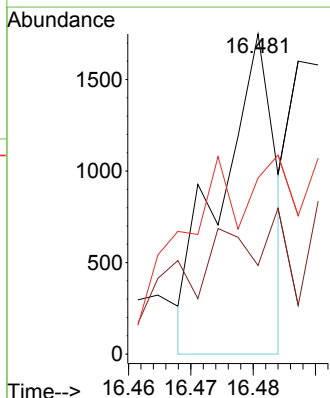
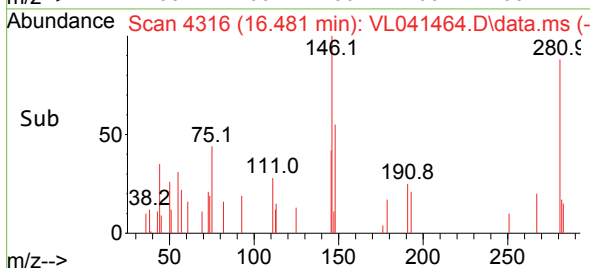
Tgt Ion:146 Resp: 2193
Ion Ratio Lower Upper
146 100
111 0.0 22.6 67.8#
148 0.0 32.3 96.8#

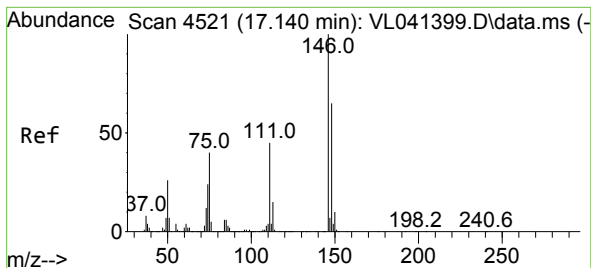


#76
1,4-Dichlorobenzene
Concen: 0.006 ppbv
RT: 16.481 min Scan# 4316
Delta R.T. 0.000 min
Lab File: VL041464.D
Acq: 31 Jul 2024 15:36



Tgt Ion:146 Resp: 1071
Ion Ratio Lower Upper
146 100
111 0.0 22.4 67.0#
148 305.6 33.1 99.5#





#77

1,2-Dichlorobenzene

Concen: 0.004 ppbv

RT: 17.156 min Scan# 41

Delta R.T. 0.007 min

Lab File: VL041464.D

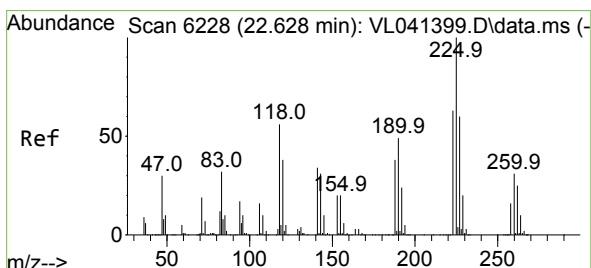
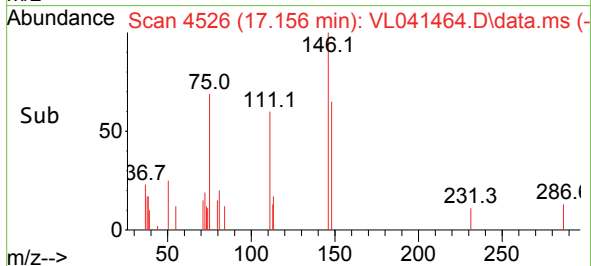
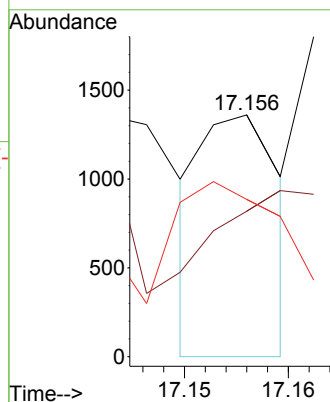
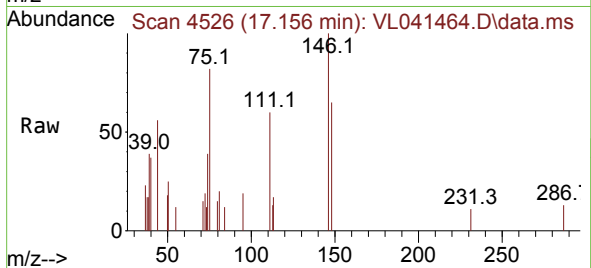
Acq: 31 Jul 2024 15:36

Instrument :

MSVOA_L

ClientSampleId :

Tgt Ion:146	Resp:	710
Ion Ratio	Lower	Upper
146	100	
111	0.0	23.4 70.0#
148	0.0	32.2 96.6#



#78

Hexachloro-1,3-Butadiene

Concen: 0.007 ppbv

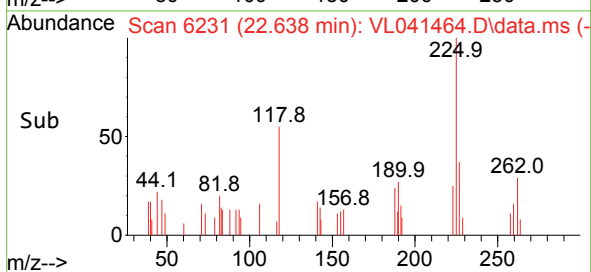
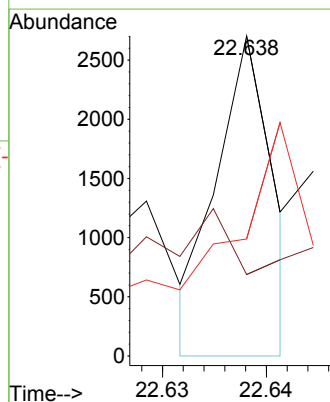
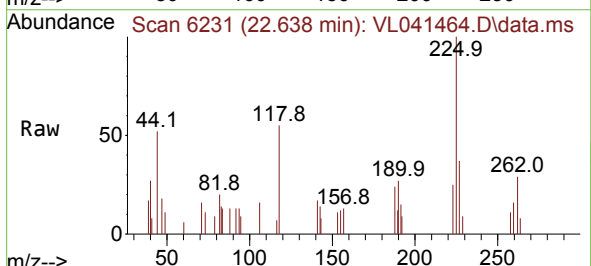
RT: 22.638 min Scan# 6231

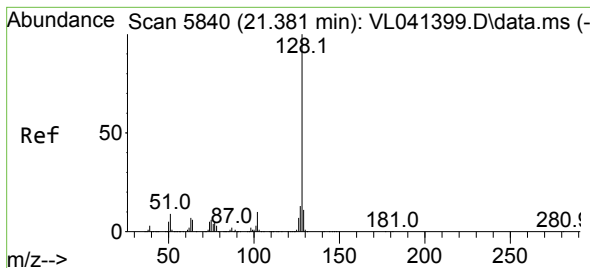
Delta R.T. 0.000 min

Lab File: VL041464.D

Acq: 31 Jul 2024 15:36

Tgt Ion:225	Resp:	1019
Ion Ratio	Lower	Upper
225	100	
223	0.0	50.6 76.0#
227	354.1	50.8 76.2#





#79

Naphthalene

Concen: 0.006 ppbv

RT: 21.407 min Scan# 5848

Delta R.T. 0.016 min

Lab File: VL041464.D

Acq: 31 Jul 2024 15:36

Instrument :

MSVOA_L

ClientSampleId :

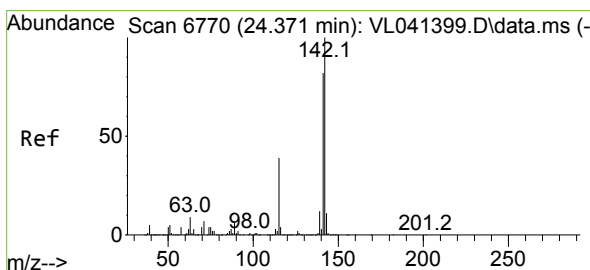
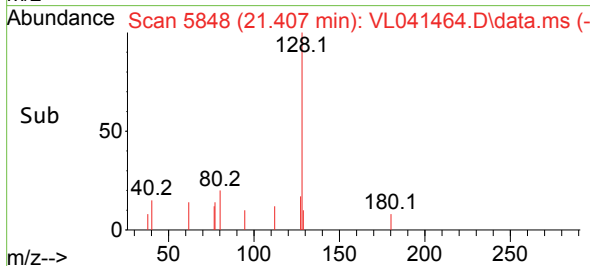
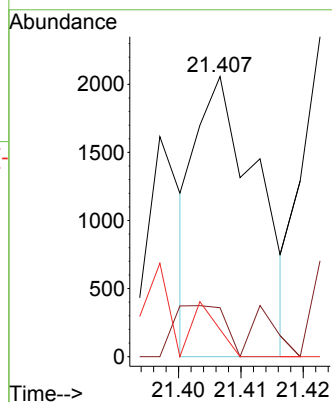
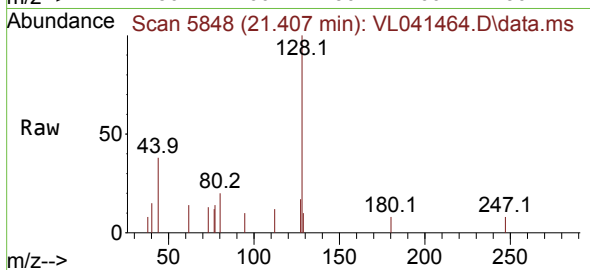
Tgt Ion:128 Resp: 1403

Ion Ratio Lower Upper

128 100

127 13.5 10.3 15.5

129 13.2 9.0 13.4



#80

Naphthalene,2-methyl-

Concen: 0.001 ppbv

RT: 24.410 min Scan# 6782

Delta R.T. 0.032 min

Lab File: VL041464.D

Acq: 31 Jul 2024 15:36

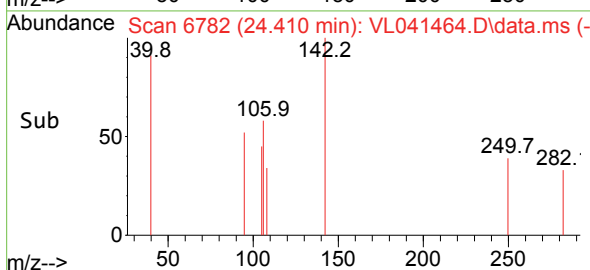
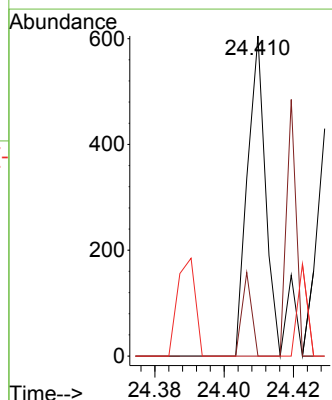
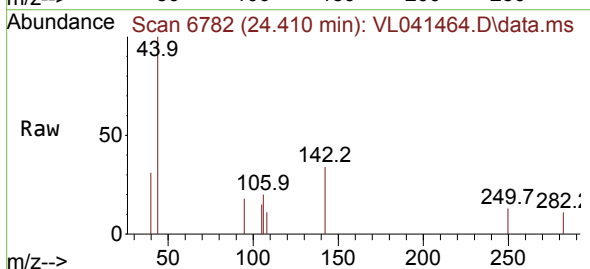
Tgt Ion:142 Resp: 218

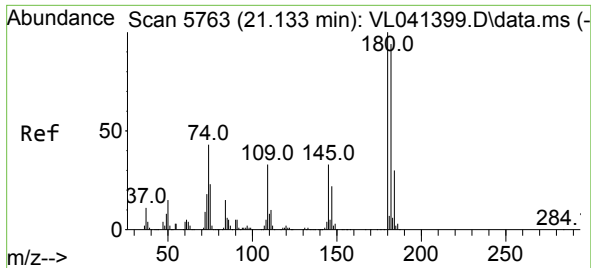
Ion Ratio Lower Upper

142 100

141 56.9 67.0 100.4#

115 30.3 32.2 48.2#





#81

1,2,4-Trichlorobenzene

Concen: 0.005 ppbv

RT: 21.143 min Scan# 51

Delta R.T. -0.003 min

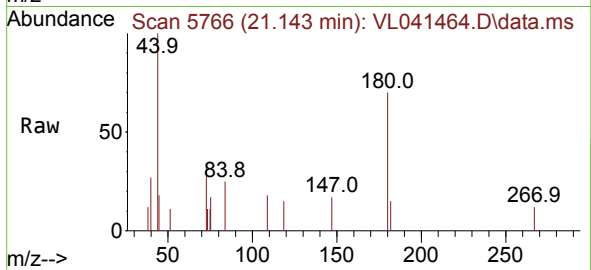
Lab File: VL041464.D

Acq: 31 Jul 2024 15:36

Instrument :

MSVOA_L

ClientSampleId :



Tgt Ion:180 Resp: 684

Ion Ratio Lower Upper

180 100

182 0.0 76.7 115.1#

184 0.0 24.5 36.7#

