

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL101024\
 Data File : VL041654.D
 Acq On : 10 Oct 2024 22:40
 Operator : SY/MD
 Sample : P4368-13 0.40
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :

Quant Time: Oct 11 05:46:35 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL091624AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Tue Sep 17 09:12:21 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.173	49	942215	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.636	114	2711705	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.452	117	2441271	10.000	ppbv	0.00

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.764	95	1852386	10.308	ppbv	0.01
Spiked Amount	10.000	Range	65 - 135	Recovery	=	103.100%

Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.706	85	78226	0.575	ppbv	100
3) Chlorodifluoromethane	2.652	51	53335	0.467	ppbv	98
4) Chloromethane	2.793	50	29662	0.472	ppbv	90
5) Vinyl Chloride	2.899	62	22849	0.420	ppbv	98
6) Bromomethane	3.102	94	11097	0.410	ppbv #	72
7) Chloroethane	3.176	64	9154	0.432	ppbv	100
8) Dichlorotetrafluoroethane	2.835	85	68708	0.481	ppbv	97
9) Propene	2.671	41	18052	0.374	ppbv	93
10) Heptane	7.565	43	32326	0.286	ppbv	92
11) Trichlorofluoromethane	3.542	101	62164	0.429	ppbv	94
12) 1,1,2-Trichlorotrifluo...	4.044	101	46790	0.446	ppbv	100
13) Ethanol	3.243	45	482	0.133	ppbv	90
14) Bromoethene	3.346	108	15343	0.386	ppbv #	86
15) Acetone	3.469	43	62728	0.530	ppbv	94
16) 1,3-Butadiene	2.960	39	20223	0.351	ppbv	89
17) tert-Butyl alcohol	3.874	59	12227	0.118	ppbv #	71
18) 1,1-Dichloroethene	3.861	96	19569	0.441	ppbv	85
19) Isopropyl Alcohol	3.584	45	16240	0.268	ppbv #	81
20) Methylene Chloride	3.912	84	21360	0.481	ppbv	88
21) Allyl Chloride	3.980	41	26400	0.385	ppbv #	83
22) trans-1,2-Dichloroethene	4.427	96	16625	0.375	ppbv	80
23) Vinyl Acetate	4.623	43	18501	0.284	ppbv #	88
24) 1,1-Dichloroethane	4.542	63	41538	0.425	ppbv	99
25) Ethyl Acetate	5.198	43	77919	0.367	ppbv	96
26) Hexane	5.192	57	29034	0.328	ppbv #	72
27) Carbon Disulfide	4.112	76	13362	0.142	ppbv #	1
28) Methyl tert-Butyl Ether	4.581	73	19429	0.356	ppbv	91
29) Chloroform	5.256	83	65275	0.450	ppbv	90
30) Cyclohexane	6.587	84	12552	0.184	ppbv #	48
31) cis-1,2-Dichloroethene	5.060	61	27878	0.332	ppbv	92
32) 1,1,1-Trichloroethane	5.989	97	23284	0.180	ppbv #	1
34) 2-Butanone	4.784	43	44097	0.341	ppbv	94
35) Carbon Tetrachloride	6.481	117	18285	0.137	ppbv	90
36) Benzene	6.349	78	58855	0.313	ppbv	99
37) 1,2-Dichloroethane	5.793	62	41636	0.381	ppbv	97
38) Trichloroethene	7.272	130	32925	0.339	ppbv	92
39) 1,2-Dichloropropane	7.060	63	26587	0.347	ppbv	93
42) Bromodichloromethane	7.230	83	53894	0.355	ppbv #	99
43) Methyl Methacrylate	7.468	69	15436	0.229	ppbv	88
44) 2,2,4-Trimethylpentane	7.314	57	95092	0.292	ppbv #	82
45) t-1,3-Dichloropropene	8.693	75	4100	0.075	ppbv	95
46) cis-1,3-Dichloropropene	8.134	75	8008	0.101	ppbv	90
47) 1,1,2-Trichloroethane	8.886	97	26735	0.329	ppbv	96

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL101024\
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 Sample : P4368-13 0.40
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

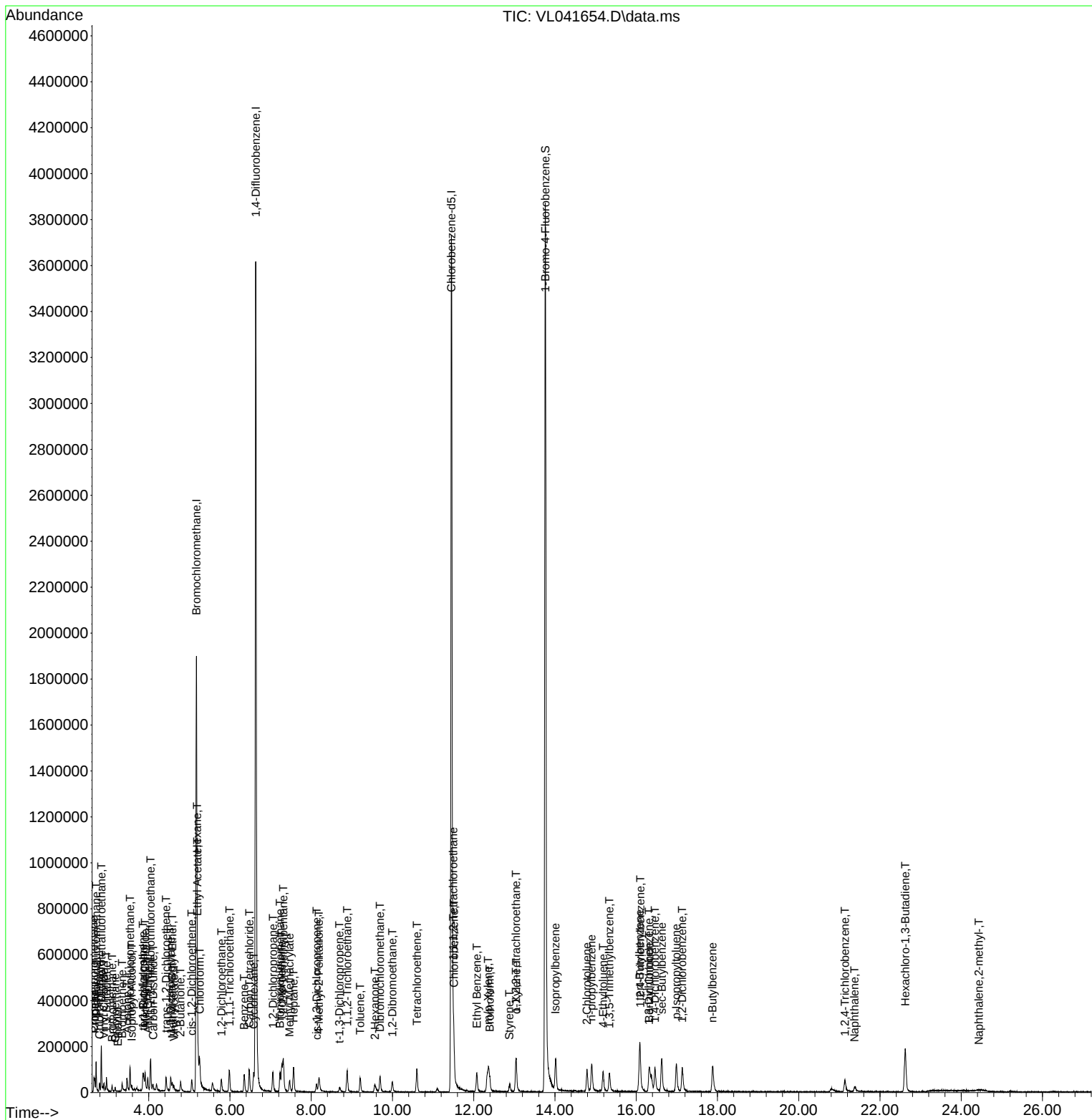
Instrument :
 MSVOA_L
 ClientSampleId :

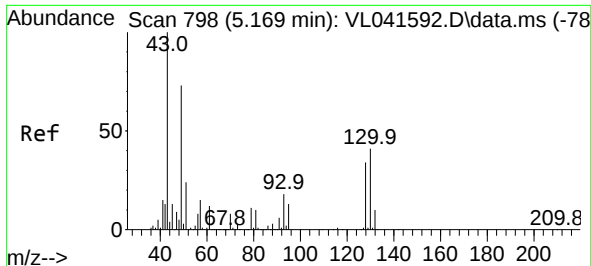
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 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL091624AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Tue Sep 17 09:12:21 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
48) Dibromochloromethane	9.697	129	37408	0.304	ppbv	94
49) Bromoform	12.397	173	11853	0.112	ppbv #	26
50) 4-Methyl-2-Pentanone	8.189	43	25071	0.126	ppbv #	40
51) 2-Hexanone	9.568	43	22189	0.147	ppbv #	79
52) Tetrachloroethene	10.603	164	21974	0.322	ppbv	91
53) Toluene	9.208	91	47465	0.237	ppbv	98
54) 1,2-Dibromoethane	9.999	107	17666	0.176	ppbv	98
56) 1,1,1,2-Tetrachloroethane	11.497	131	39324	0.413	ppbv #	1
57) Chlorobenzene	11.513	112	73880	0.420	ppbv	97
58) Ethyl Benzene	12.076	91	65207	0.250	ppbv	100
59) m/p-Xylene	12.352	91	17600	0.076	ppbv #	30
60) o-Xylene	13.047	91	55496	0.249	ppbv	98
61) Styrene	12.880	104	8953	0.096	ppbv #	29
62) Isopropylbenzene	14.015	105	109826	0.325	ppbv	99
63) 1,1,2,2-Tetrachloroethane	13.040	83	47700	0.418	ppbv	90
64) n-propylbenzene	14.899	120	6398	0.073	ppbv #	1
65) tert-Butylbenzene	16.085	119	88296	0.285	ppbv	93
66) Benzyl Chloride	16.323	91	1040	0.065	ppbv #	32
67) sec-Butylbenzene	16.632	105	120368	0.280	ppbv	99
69) p-Isopropyltoluene	16.986	119	86675	0.249	ppbv	93
70) n-Butylbenzene	17.876	91	82305	0.226	ppbv	97
71) 2-Chlorotoluene	14.790	91	66818	0.269	ppbv	94
72) 4-Ethyltoluene	15.182	105	53386	0.205	ppbv #	81
73) 1,3,5-Trimethylbenzene	15.339	105	56955	0.247	ppbv	89
74) 1,2,4-Trimethylbenzene	16.101	105	76426	0.284	ppbv #	87
75) 1,3-Dichlorobenzene	16.314	146	21828	0.129	ppbv #	24
76) 1,4-Dichlorobenzene	16.462	146	33562	0.207	ppbv #	42
77) 1,2-Dichlorobenzene	17.134	146	56981	0.342	ppbv	94
78) Hexachloro-1,3-Butadiene	22.625	225	19094	0.139	ppbv #	1
79) Naphthalene	21.371	128	12382	0.062	ppbv #	90
80) Naphthalene,2-methyl-	24.432	142	5242	0.038	ppbv	87
81) 1,2,4-Trichlorobenzene	21.140	180	12498	0.099	ppbv #	18

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

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL091624AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 26 06:05:16 2022
QLast Update : Tue Sep 17 09:12:21 2024
Response via : Initial Calibration

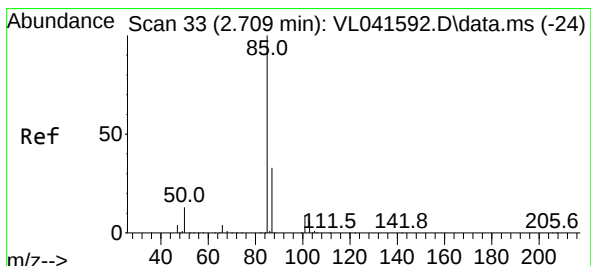
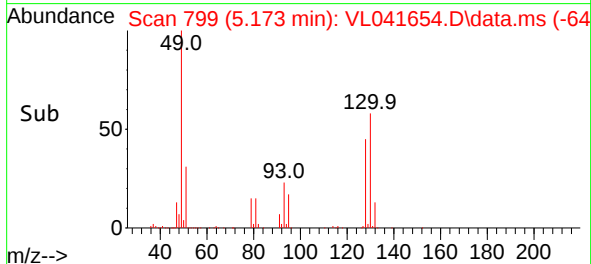
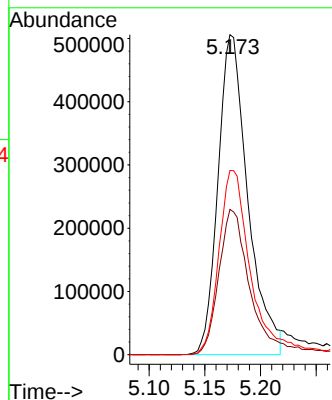
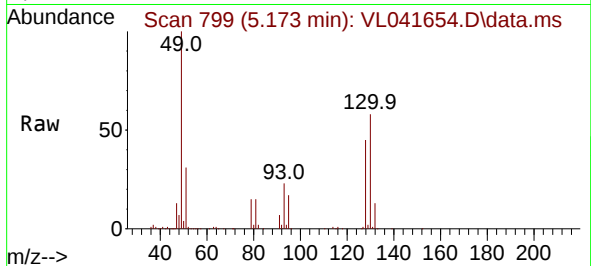




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.173 min Scan# 798
Delta R.T. 0.004 min
Lab File: VL041654.D
Acq: 10 Oct 2024 22:40

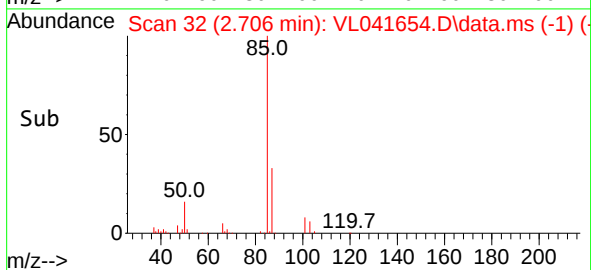
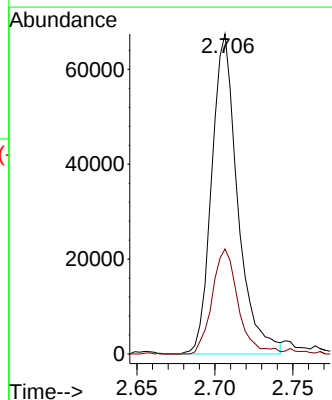
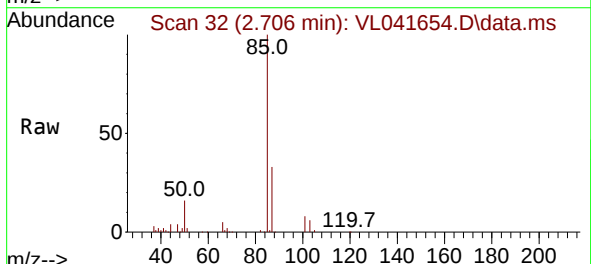
Instrument :
MSVOA_L
ClientSampleId :

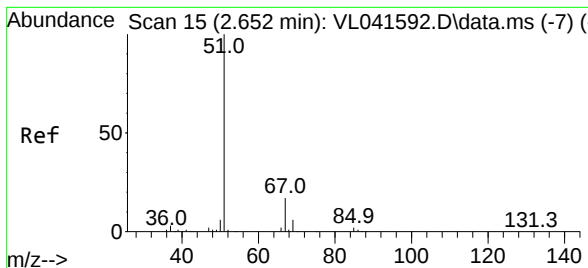
Tgt Ion: 49 Resp: 942215
Ion Ratio Lower Upper
49 100
128 50.2 23.8 71.5
130 63.4 30.4 91.3



#2
Dichlorodifluoromethane
Concen: 0.575 ppbv
RT: 2.706 min Scan# 32
Delta R.T. -0.003 min
Lab File: VL041654.D
Acq: 10 Oct 2024 22:40

Tgt Ion: 85 Resp: 78226
Ion Ratio Lower Upper
85 100
87 32.8 26.3 39.5





#3

Chlorodifluoromethane

Concen: 0.467 ppbv

RT: 2.652 min Scan# 15

Delta R.T. 0.000 min

Lab File: VL041654.D

Acq: 10 Oct 2024 22:40

Instrument :

MSVOA_L

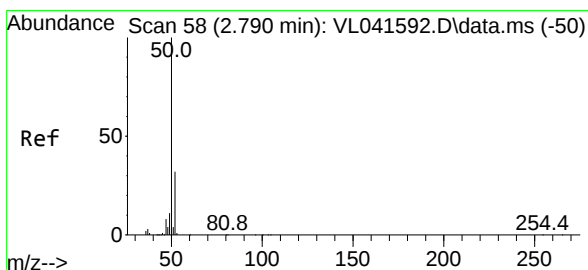
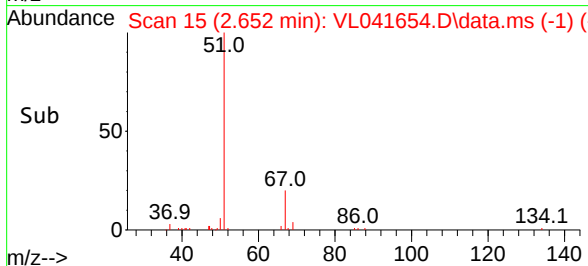
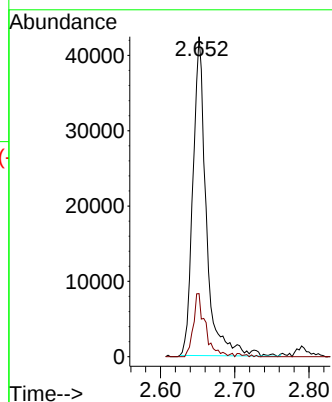
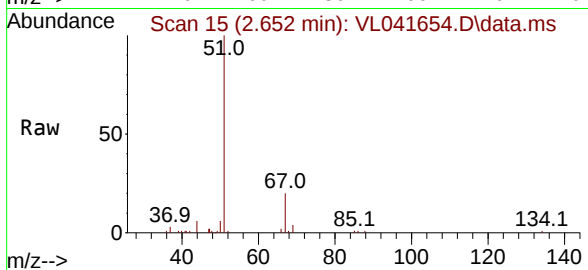
ClientSampleId :

Tgt Ion: 51 Resp: 53335

Ion Ratio Lower Upper

51 100

67 18.6 14.1 21.1



#4

Chloromethane

Concen: 0.472 ppbv

RT: 2.793 min Scan# 59

Delta R.T. 0.003 min

Lab File: VL041654.D

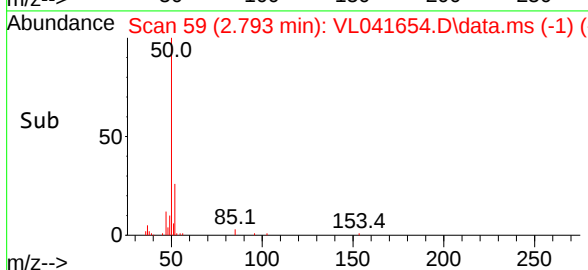
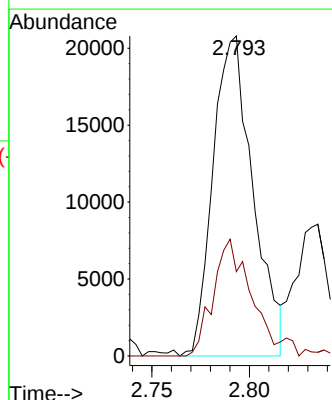
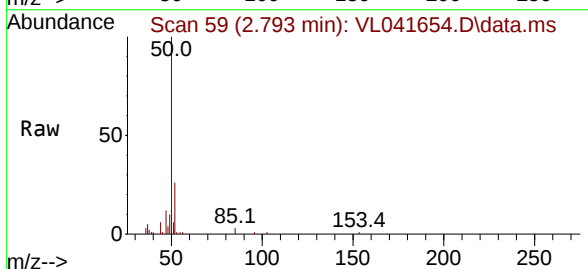
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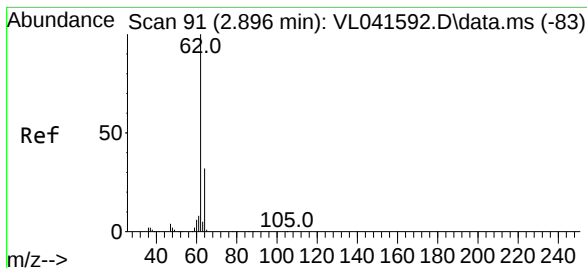
Tgt Ion: 50 Resp: 29662

Ion Ratio Lower Upper

50 100

52 26.4 25.4 38.2





#5

Vinyl Chloride

Concen: 0.420 ppbv

RT: 2.899 min Scan# 91

Delta R.T. 0.003 min

Lab File: VL041654.D

Acq: 10 Oct 2024 22:40

Instrument :

MSVOA_L

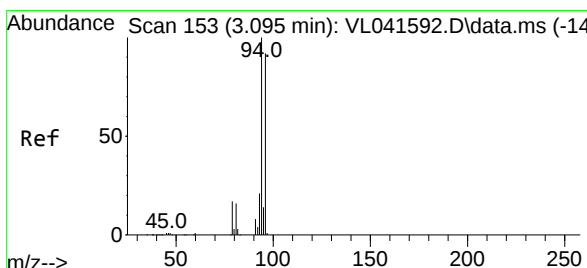
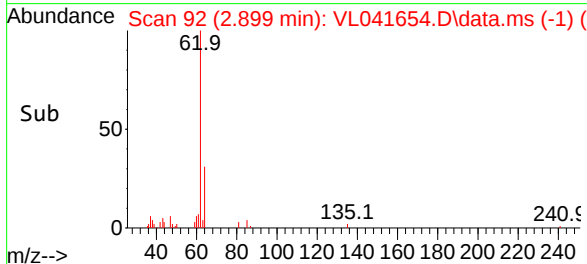
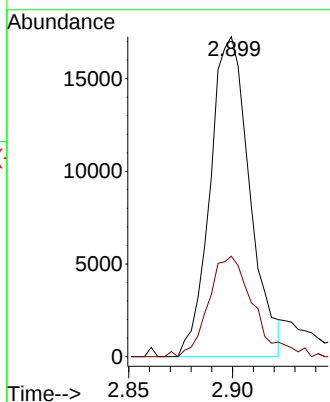
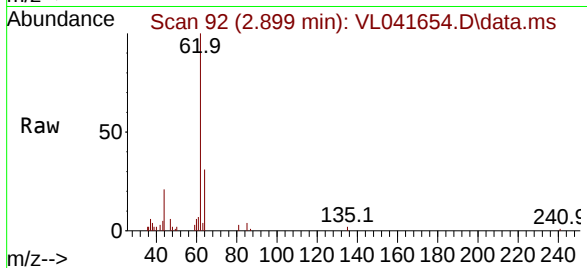
ClientSampleId :

Tgt Ion: 62 Resp: 22849

Ion Ratio Lower Upper

62 100

64 31.4 26.0 39.0



#6

Bromomethane

Concen: 0.410 ppbv

RT: 3.102 min Scan# 155

Delta R.T. 0.007 min

Lab File: VL041654.D

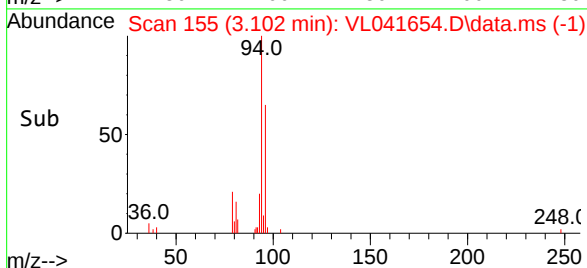
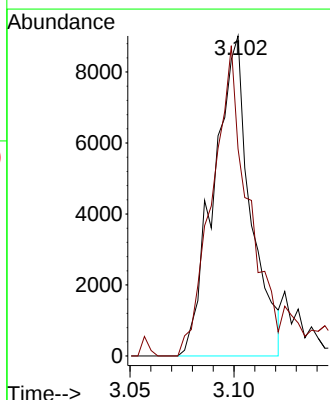
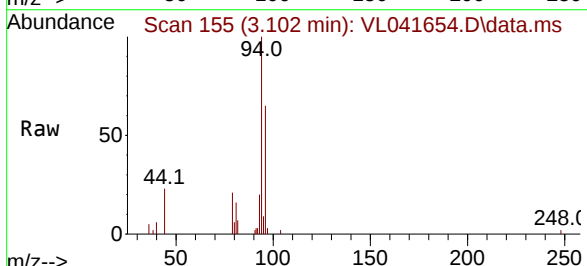
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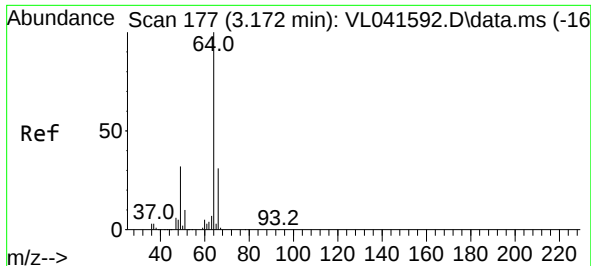
Tgt Ion: 94 Resp: 11097

Ion Ratio Lower Upper

94 100

96 64.7 73.4 110.2#

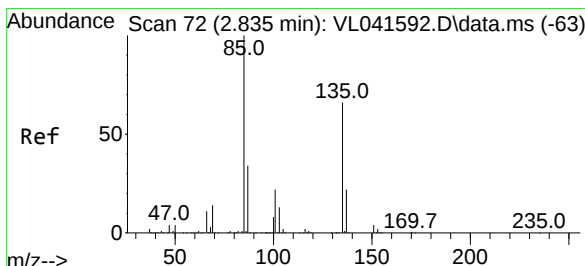
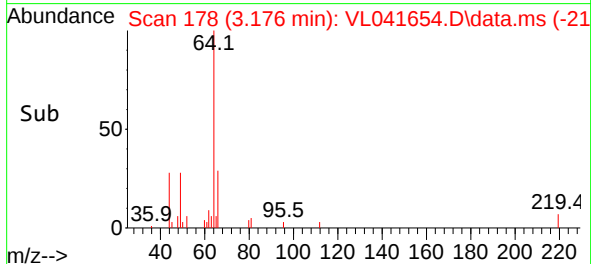
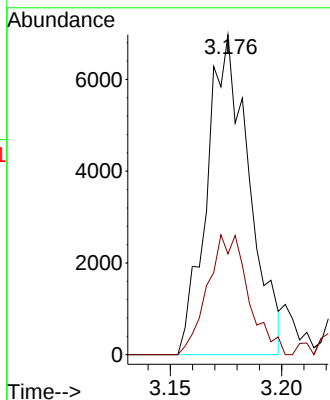
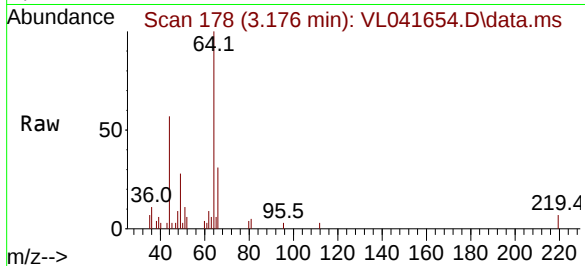




#7
Chloroethane
Concen: 0.432 ppbv
RT: 3.176 min Scan# 11
Delta R.T. 0.003 min
Lab File: VL041654.D
Acq: 10 Oct 2024 22:40

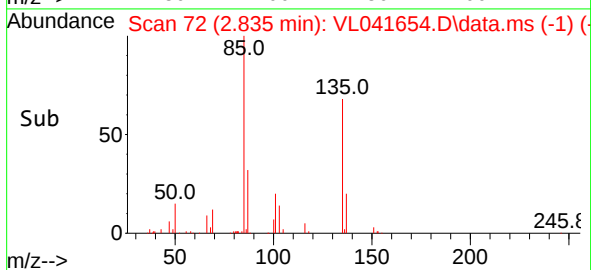
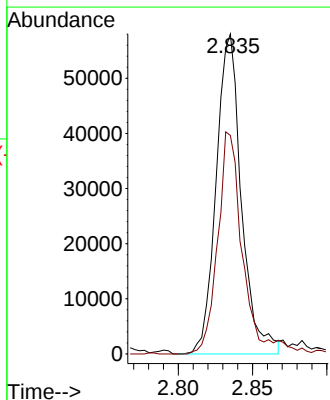
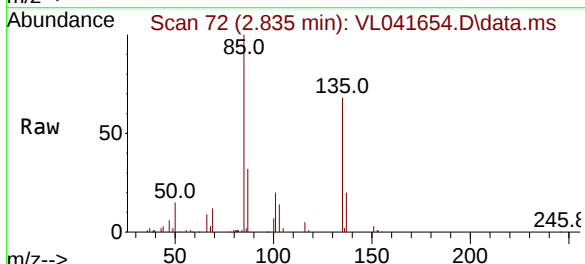
Instrument :
MSVOA_L
ClientSampleId :

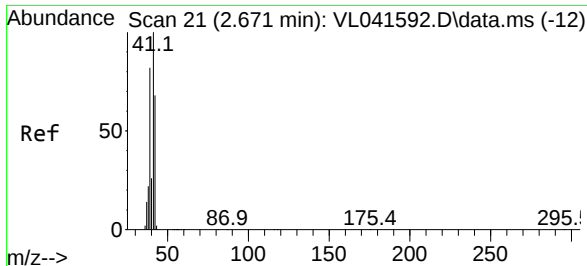
Tgt Ion: 64 Resp: 9154
Ion Ratio Lower Upper
64 100
66 31.5 25.1 37.7



#8
Dichlorotetrafluoroethane
Concen: 0.481 ppbv
RT: 2.835 min Scan# 72
Delta R.T. 0.000 min
Lab File: VL041654.D
Acq: 10 Oct 2024 22:40

Tgt Ion: 85 Resp: 68708
Ion Ratio Lower Upper
85 100
135 69.8 53.9 80.9

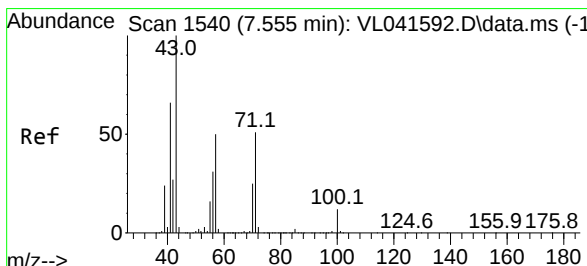
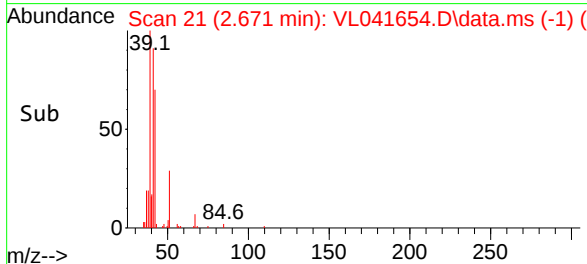
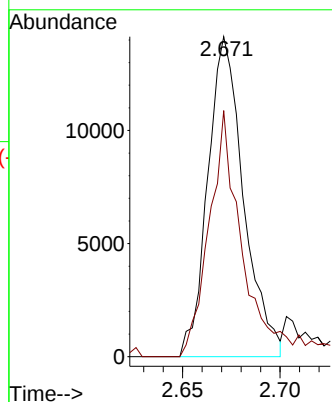
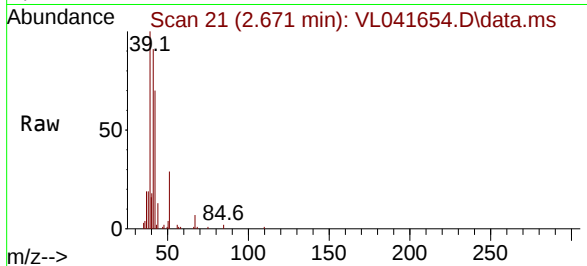




#9
 Propene
 Concen: 0.374 ppbv
 RT: 2.671 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VL041654.D
 Acq: 10 Oct 2024 22:40

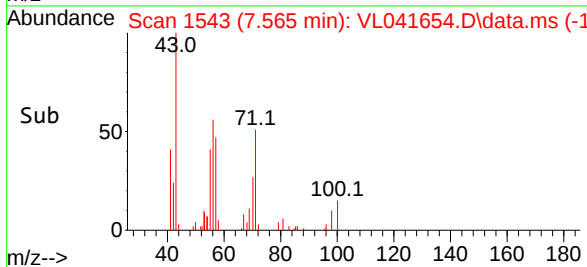
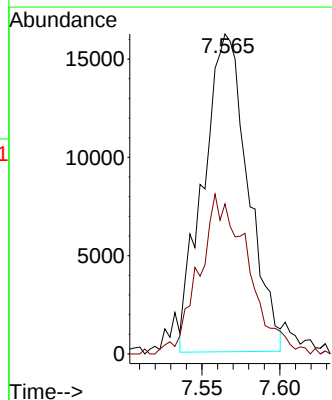
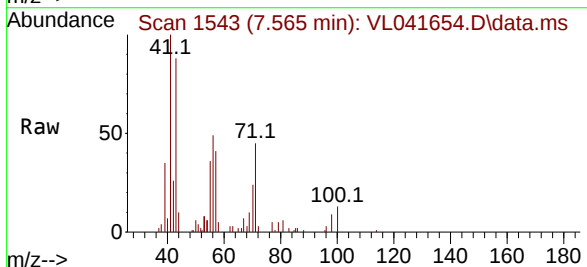
Instrument :
 MSVOA_L
 ClientSampleId :

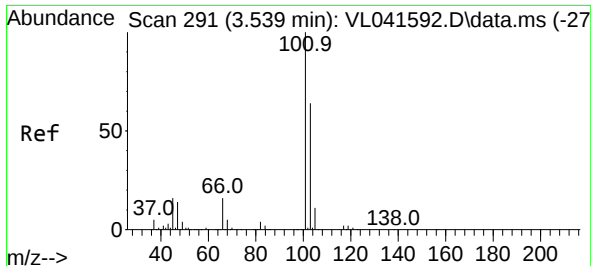
Tgt Ion: 41 Resp: 18052
 Ion Ratio Lower Upper
 41 100
 42 74.5 55.2 82.8



#10
 Heptane
 Concen: 0.286 ppbv
 RT: 7.565 min Scan# 1543
 Delta R.T. 0.010 min
 Lab File: VL041654.D
 Acq: 10 Oct 2024 22:40

Tgt Ion: 43 Resp: 32326
 Ion Ratio Lower Upper
 43 100
 57 55.1 39.8 59.8

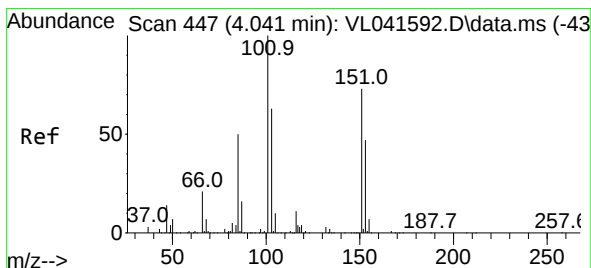
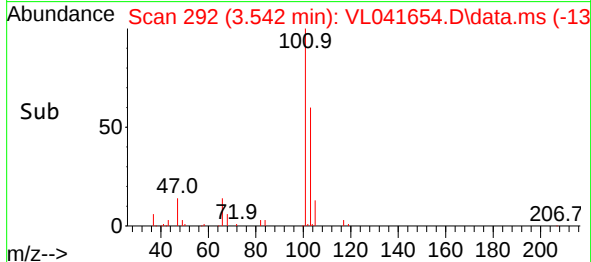
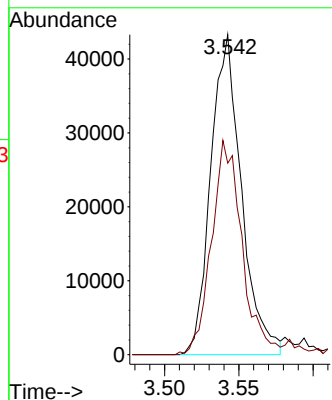
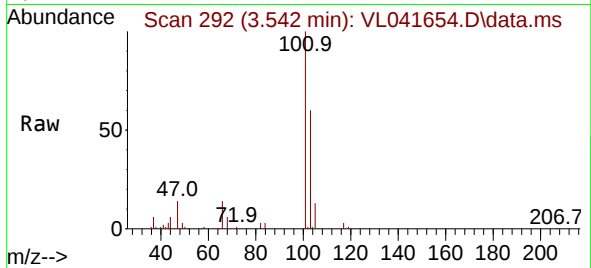




#11
 Trichlorofluoromethane
 Concen: 0.429 ppbv
 RT: 3.542 min Scan# 291
 Delta R.T. 0.003 min
 Lab File: VL041654.D
 Acq: 10 Oct 2024 22:40

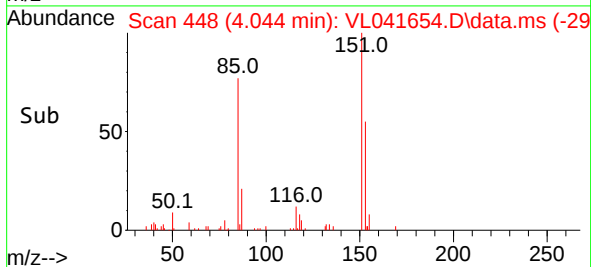
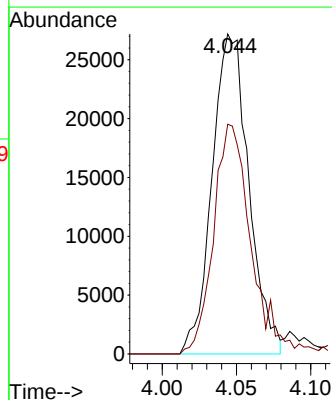
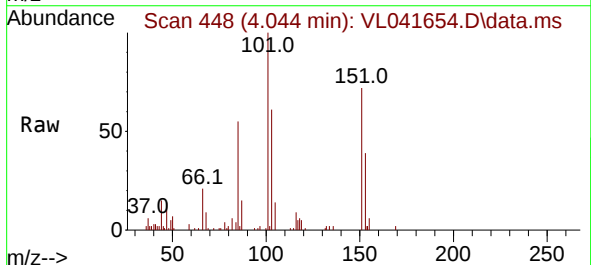
Instrument :
 MSVOA_L
 ClientSampleId :

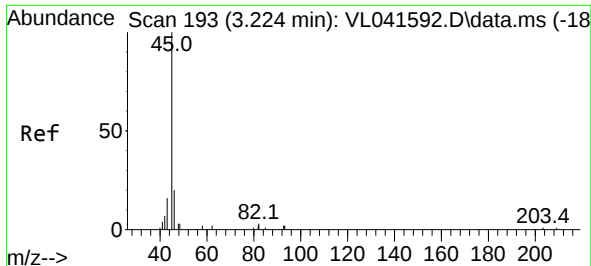
Tgt Ion:101 Resp: 62164
 Ion Ratio Lower Upper
 101 100
 103 59.0 51.2 76.8



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 0.446 ppbv
 RT: 4.044 min Scan# 448
 Delta R.T. 0.003 min
 Lab File: VL041654.D
 Acq: 10 Oct 2024 22:40

Tgt Ion:101 Resp: 46790
 Ion Ratio Lower Upper
 101 100
 151 74.5 59.4 89.2

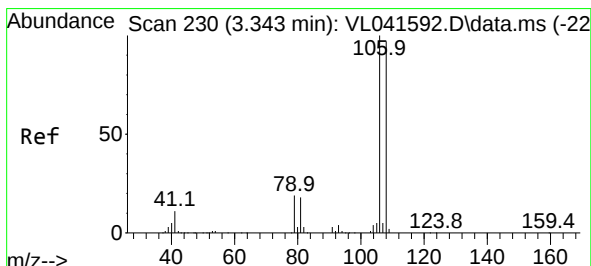
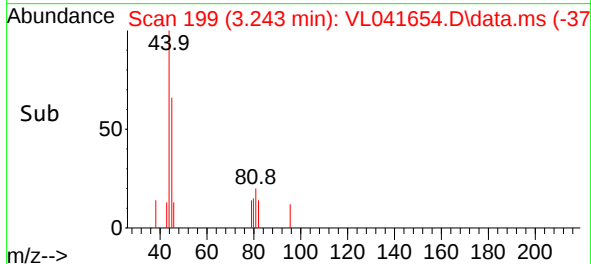
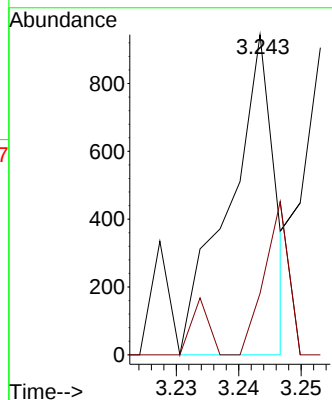
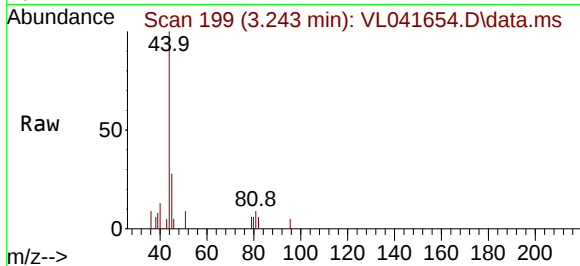




#13
Ethanol
Concen: 0.133 ppbv
RT: 3.243 min Scan# 19
Delta R.T. 0.020 min
Lab File: VL041654.D
Acq: 10 Oct 2024 22:40

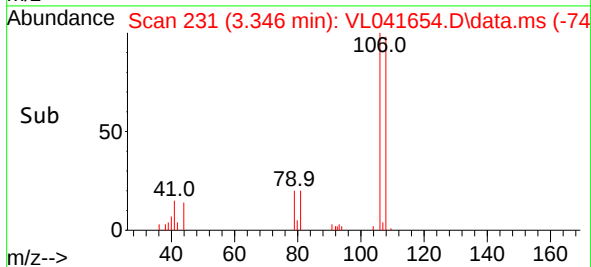
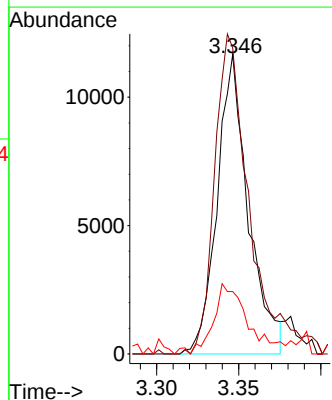
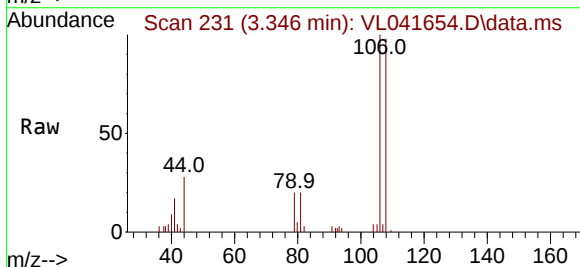
Instrument :
MSVOA_L
ClientSampleId :

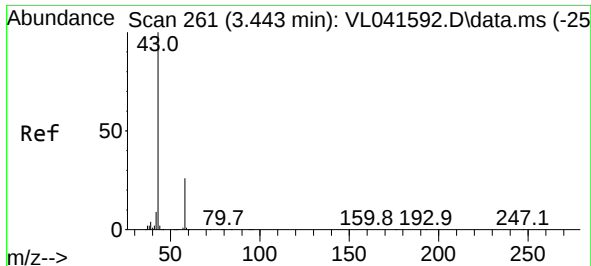
Tgt Ion: 45 Resp: 482
Ion Ratio Lower Upper
45 100
46 32.2 15.2 60.8



#14
Bromoethene
Concen: 0.386 ppbv
RT: 3.346 min Scan# 231
Delta R.T. 0.003 min
Lab File: VL041654.D
Acq: 10 Oct 2024 22:40

Tgt Ion: 108 Resp: 15343
Ion Ratio Lower Upper
108 100
106 121.5 86.5 129.7
79 30.4 16.2 24.4#

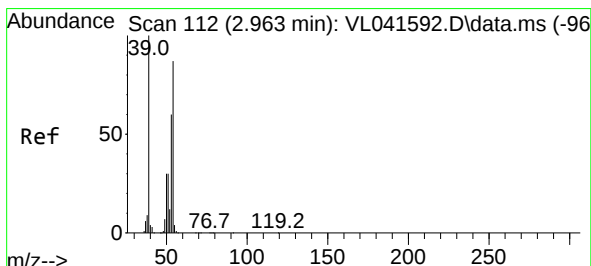
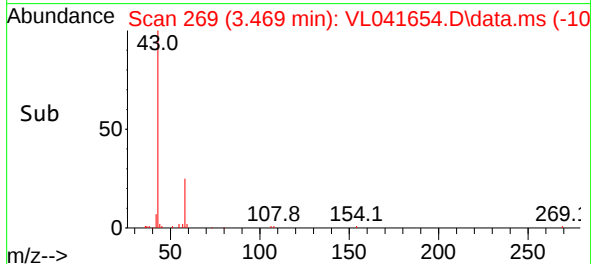
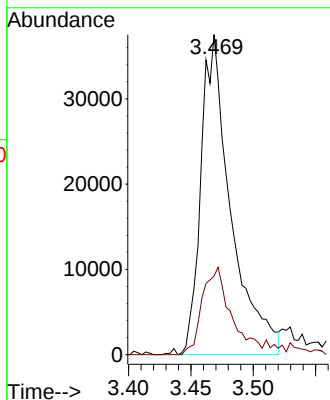
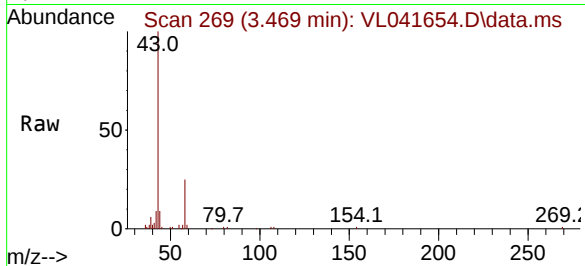




#15
Acetone
Concen: 0.530 ppbv
RT: 3.469 min Scan# 20
Delta R.T. 0.026 min
Lab File: VL041654.D
Acq: 10 Oct 2024 22:40

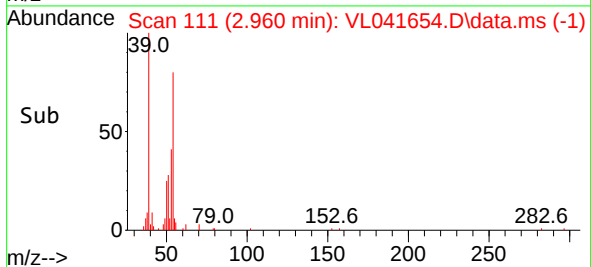
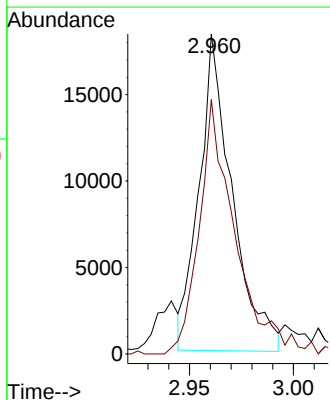
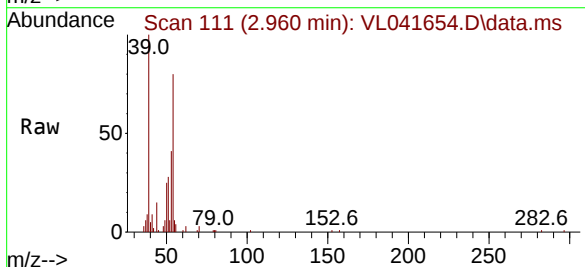
Instrument :
MSVOA_L
ClientSampleId :

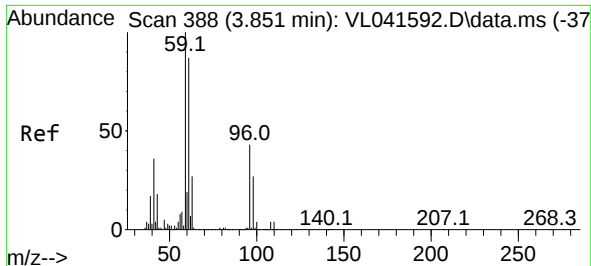
Tgt Ion: 43 Resp: 62728
Ion Ratio Lower Upper
43 100
58 29.8 21.5 32.3



#16
1,3-Butadiene
Concen: 0.351 ppbv
RT: 2.960 min Scan# 111
Delta R.T. -0.003 min
Lab File: VL041654.D
Acq: 10 Oct 2024 22:40

Tgt Ion: 39 Resp: 20223
Ion Ratio Lower Upper
39 100
54 88.1 62.9 94.3





#17

tert-Butyl alcohol

Concen: 0.118 ppbv

RT: 3.874 min Scan# 395

Delta R.T. 0.023 min

Lab File: VL041654.D

Acq: 10 Oct 2024 22:40

Instrument :

MSVOA_L

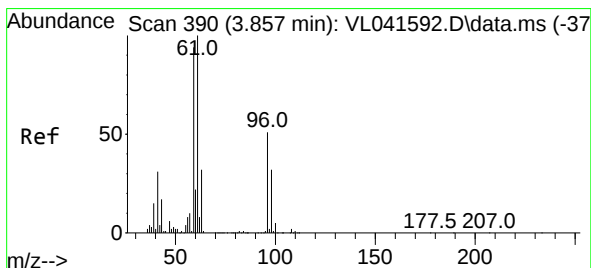
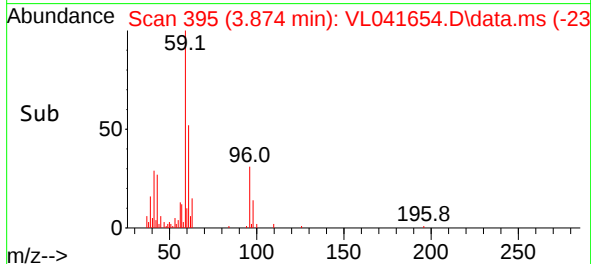
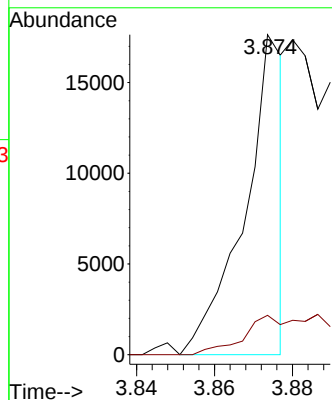
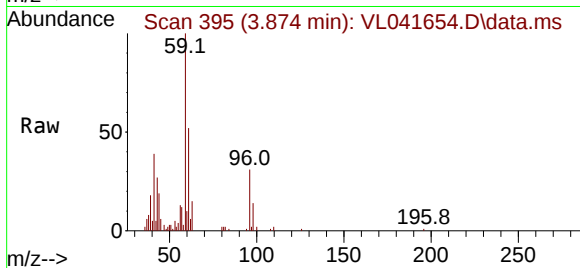
ClientSampleId :

Tgt Ion: 59 Resp: 12227

Ion Ratio Lower Upper

59 100

57 0.0 8.7 13.1#



#18

1,1-Dichloroethene

Concen: 0.441 ppbv

RT: 3.861 min Scan# 391

Delta R.T. 0.003 min

Lab File: VL041654.D

Acq: 10 Oct 2024 22:40

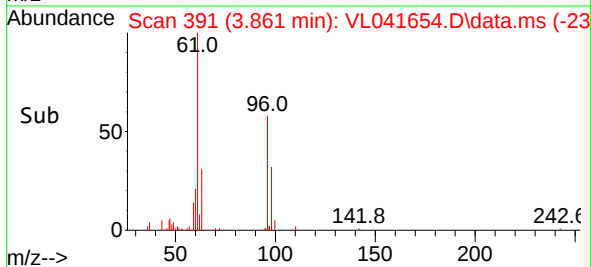
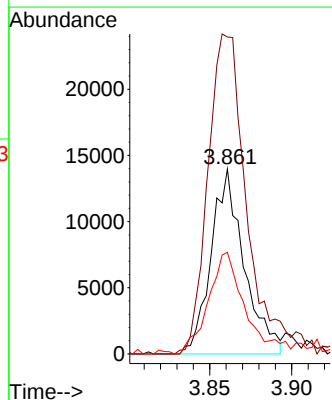
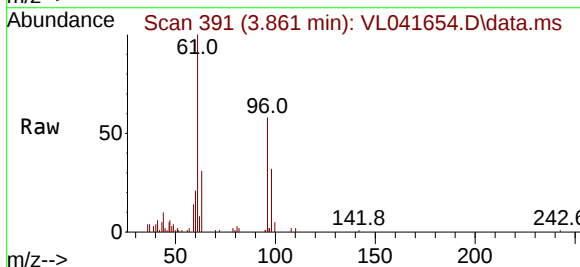
Tgt Ion: 96 Resp: 19569

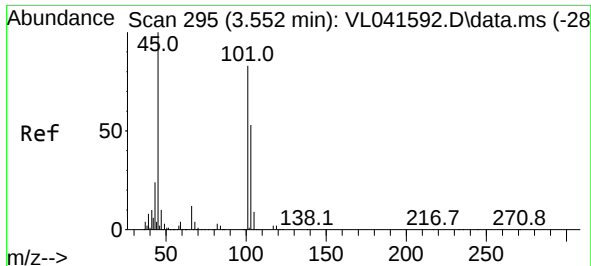
Ion Ratio Lower Upper

96 100

61 169.3 155.6 233.4

98 54.9 50.6 75.8





#19

Isopropyl Alcohol

Concen: 0.268 ppbv

RT: 3.584 min Scan# 305

Delta R.T. 0.032 min

Lab File: VL041654.D

Acq: 10 Oct 2024 22:40

Instrument :

MSVOA_L

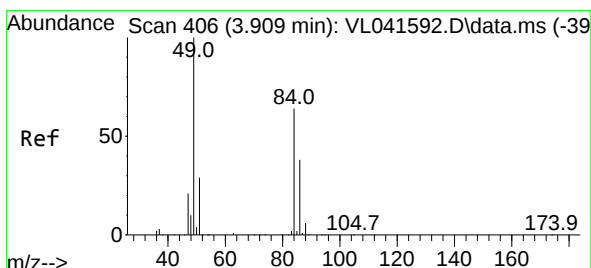
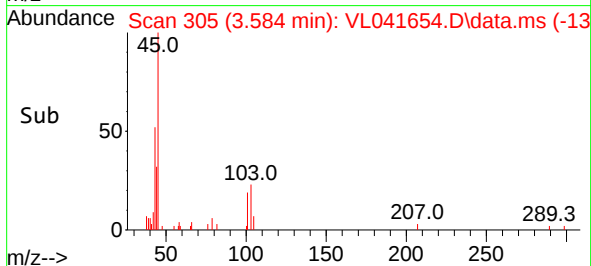
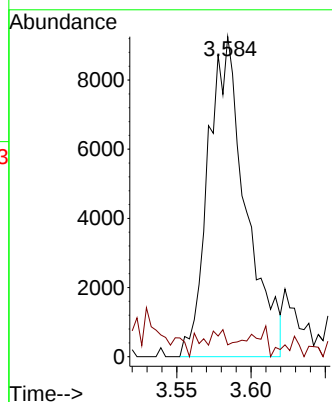
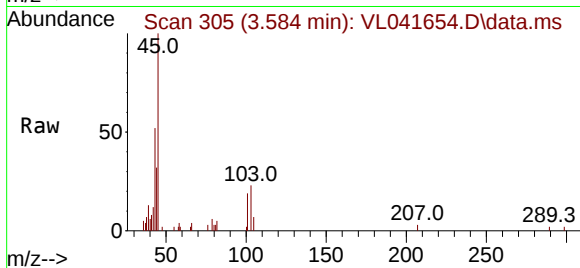
ClientSampleId :

Tgt Ion: 45 Resp: 16240

Ion Ratio Lower Upper

45 100

58 9.1 2.1 3.1#



#20

Methylene Chloride

Concen: 0.481 ppbv

RT: 3.912 min Scan# 407

Delta R.T. 0.003 min

Lab File: VL041654.D

Acq: 10 Oct 2024 22:40

Tgt Ion: 84 Resp: 21360

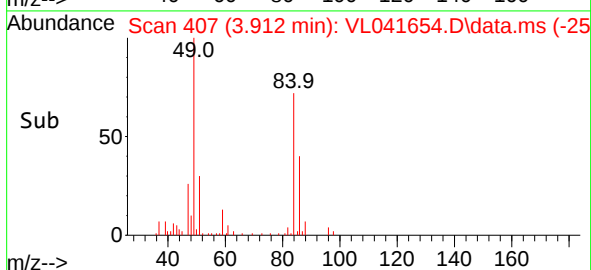
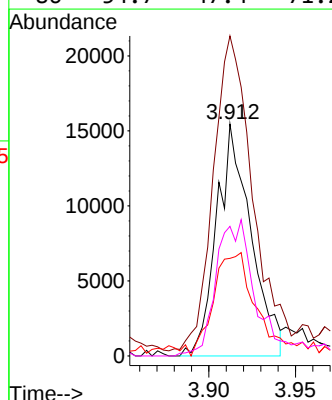
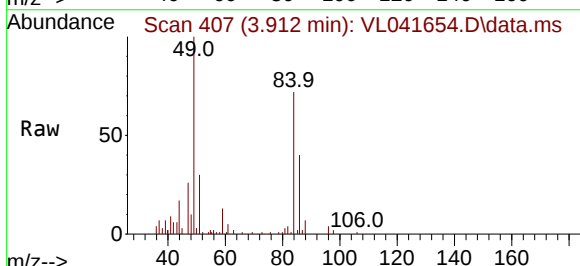
Ion Ratio Lower Upper

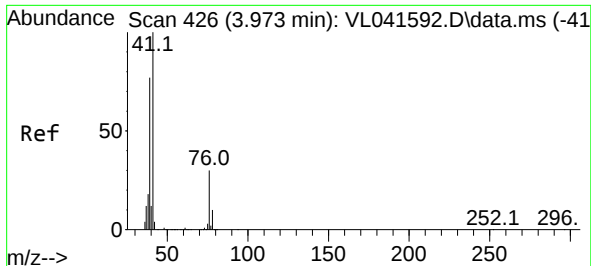
84 100

49 135.1 124.3 186.5

51 39.9 36.3 54.5

86 54.7 47.4 71.2





#21

Allyl Chloride

Concen: 0.385 ppbv

RT: 3.980 min Scan# 41

Delta R.T. 0.007 min

Lab File: VL041654.D

Acq: 10 Oct 2024 22:40

Instrument :

MSVOA_L

ClientSampleId :

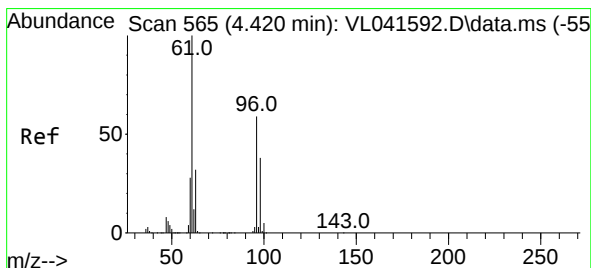
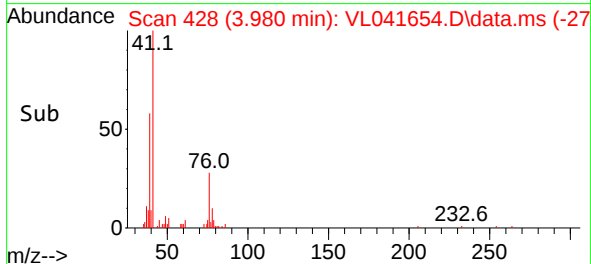
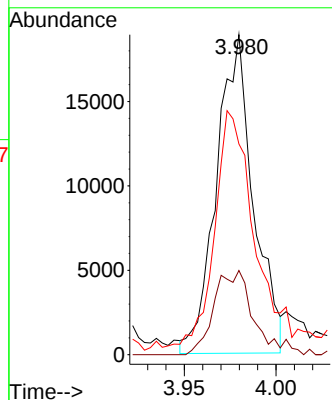
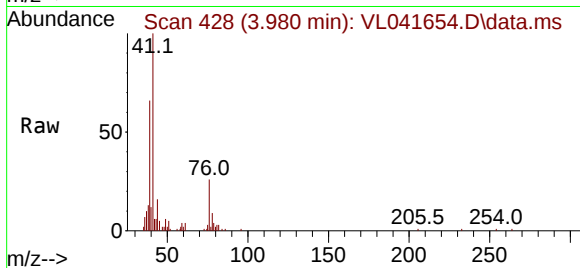
Tgt Ion: 41 Resp: 26400

Ion Ratio Lower Upper

41 100

76 28.5 23.8 35.6

39 99.7 63.9 95.9#



#22

trans-1,2-Dichloroethene

Concen: 0.375 ppbv

RT: 4.427 min Scan# 567

Delta R.T. 0.007 min

Lab File: VL041654.D

Acq: 10 Oct 2024 22:40

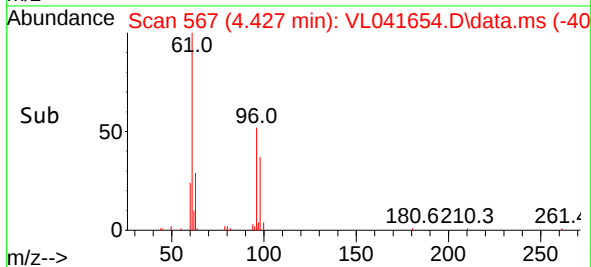
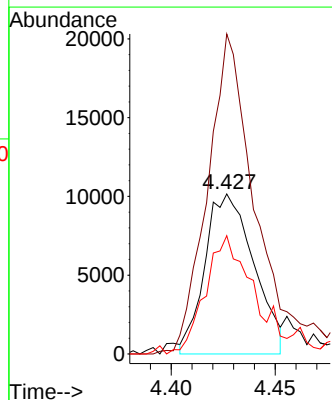
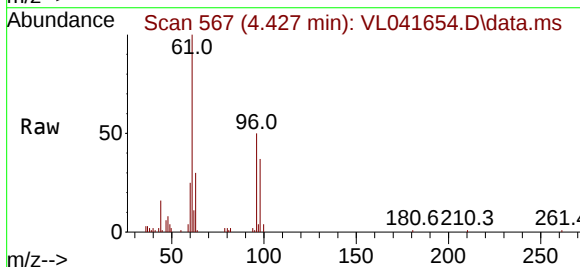
Tgt Ion: 96 Resp: 16625

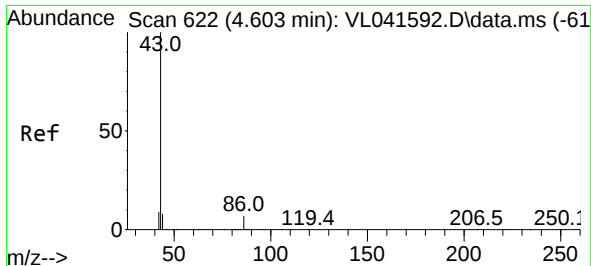
Ion Ratio Lower Upper

96 100

61 199.9 135.7 203.5

98 75.8 50.9 76.3

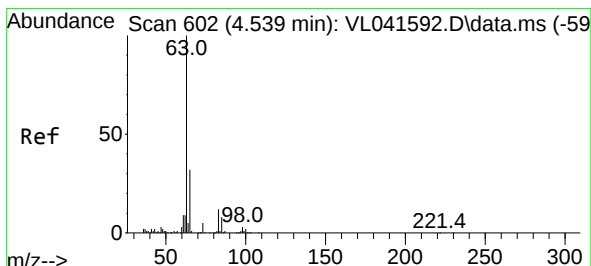
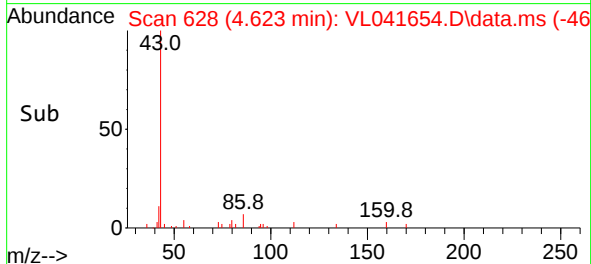
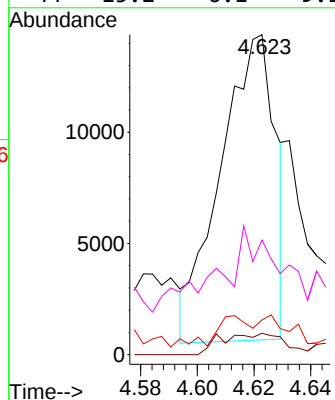
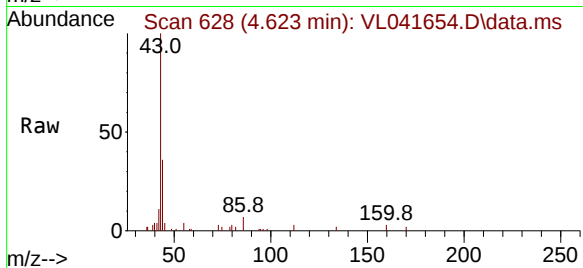




#23
 Vinyl Acetate
 Concen: 0.284 ppbv
 RT: 4.623 min Scan# 61
 Delta R.T. 0.020 min
 Lab File: VL041654.D
 Acq: 10 Oct 2024 22:40

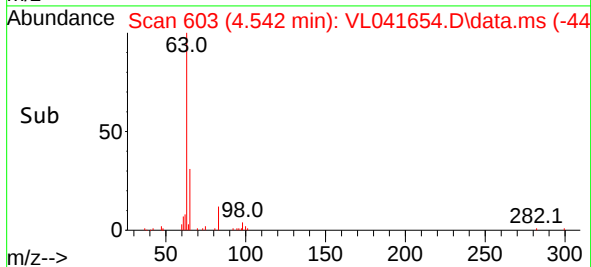
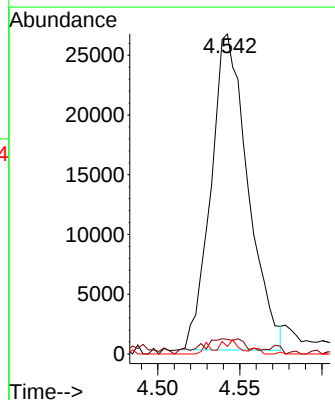
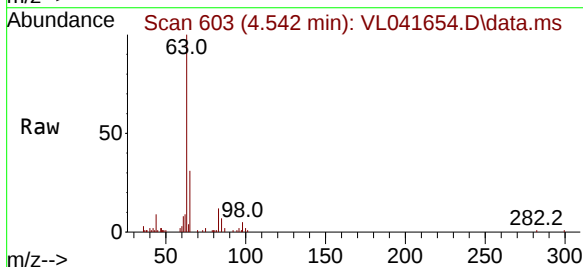
Instrument :
 MSVOA_1
 ClientSampleId :

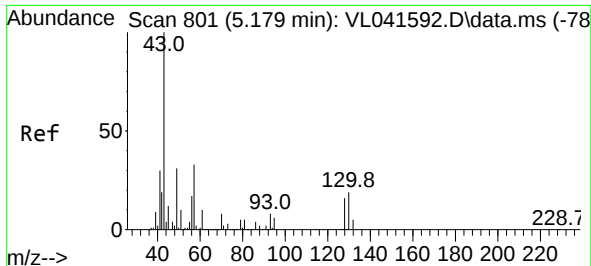
Tgt Ion: 43 Resp: 18501
 Ion Ratio Lower Upper
 43 100
 86 8.4 4.9 7.3#
 42 7.4 8.0 12.0#
 44 15.2 6.1 9.1#



#24
 1,1-Dichloroethane
 Concen: 0.425 ppbv
 RT: 4.542 min Scan# 603
 Delta R.T. 0.003 min
 Lab File: VL041654.D
 Acq: 10 Oct 2024 22:40

Tgt Ion: 63 Resp: 41538
 Ion Ratio Lower Upper
 63 100
 98 3.2 1.7 5.1
 100 2.4 1.1 3.3

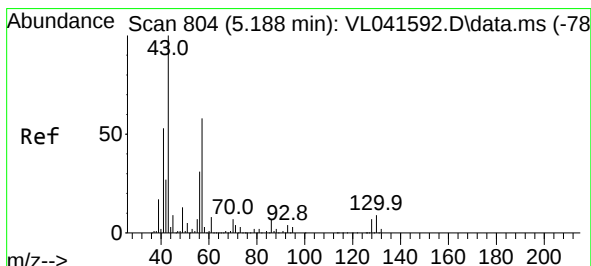
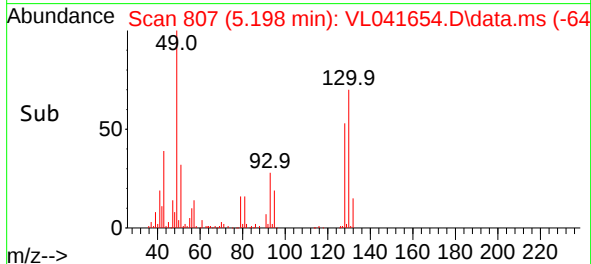
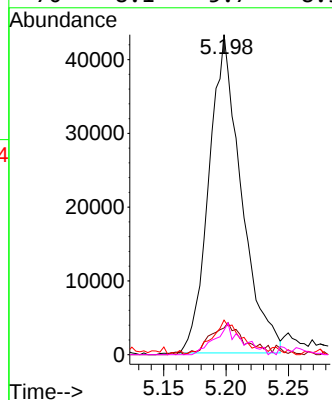
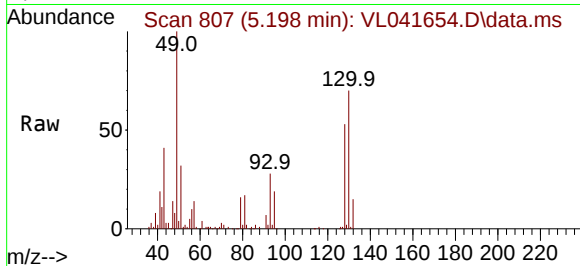




#25
Ethyl Acetate
Concen: 0.367 ppbv
RT: 5.198 min Scan# 801
Delta R.T. 0.020 min
Lab File: VL041654.D
Acq: 10 Oct 2024 22:40

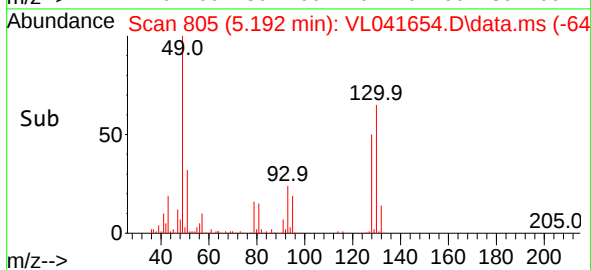
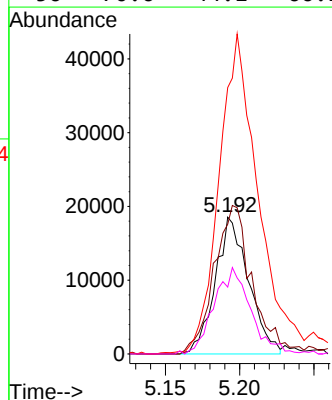
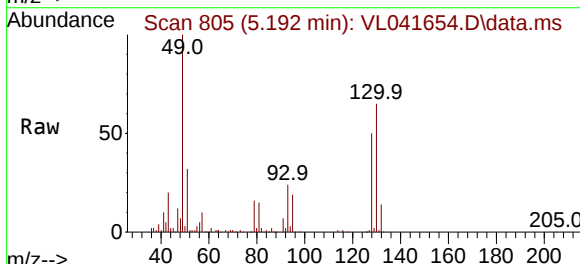
Instrument :
MSVOA_L
ClientSampleId :

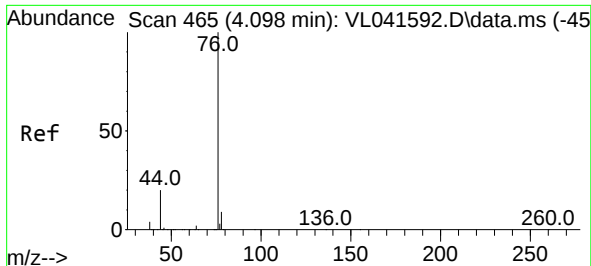
Tgt Ion: 43	Resp: 77919
Ion Ratio	Lower Upper
43 100	
45 11.4	8.2 12.2
61 11.8	8.0 12.0
70 8.1	5.7 8.5



#26
Hexane
Concen: 0.328 ppbv
RT: 5.192 min Scan# 805
Delta R.T. 0.003 min
Lab File: VL041654.D
Acq: 10 Oct 2024 22:40

Tgt Ion: 57	Resp: 29034		
Ion	Ratio	Lower	Upper
57	100		
41	127.3	75.7	113.5#
43	295.5	198.5	297.7
56	70.6	44.1	66.1#

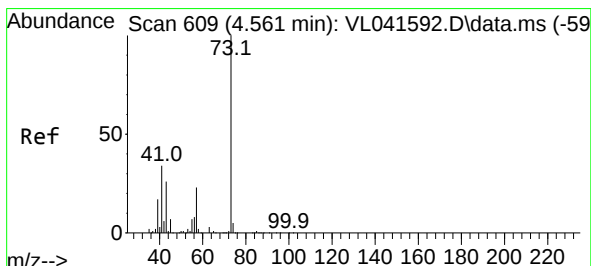
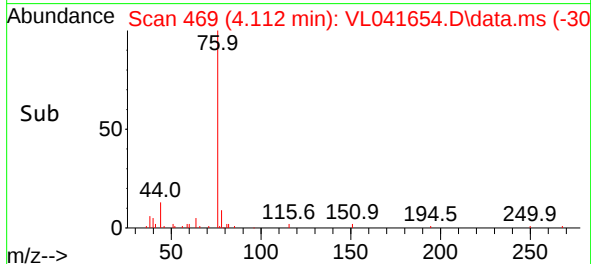
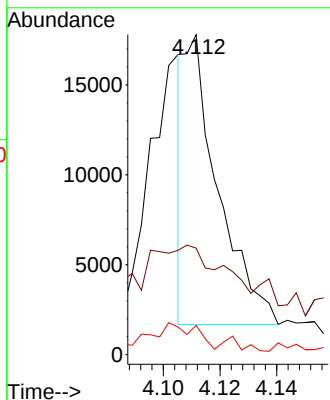
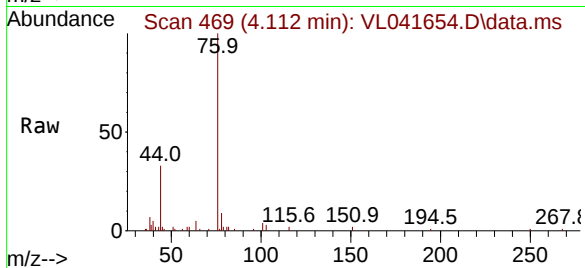




#27
Carbon Disulfide
Concen: 0.142 ppbv
RT: 4.112 min Scan# 412
Delta R.T. 0.013 min
Lab File: VL041654.D
Acq: 10 Oct 2024 22:40

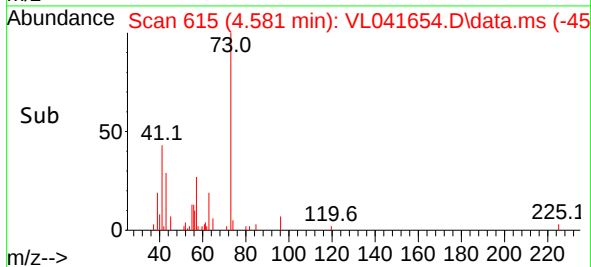
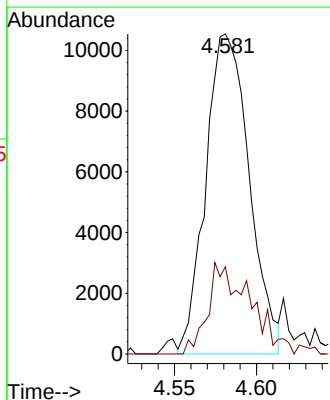
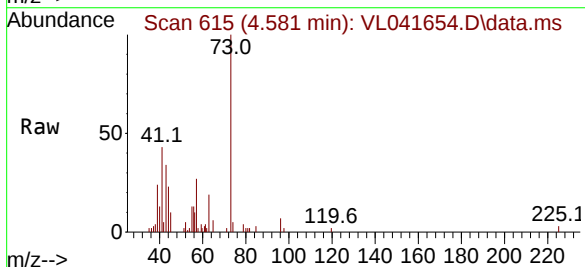
Instrument :
MSVOA_L
ClientSampleId :

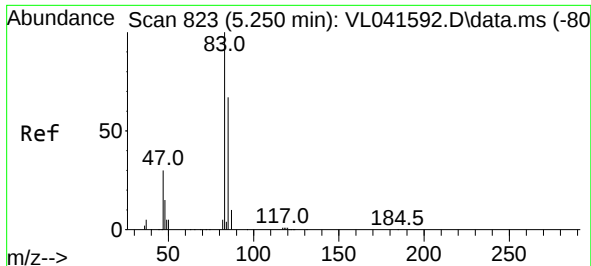
Tgt Ion: 76 Resp: 13362
Ion Ratio Lower Upper
76 100
44 77.5 15.8 23.8#
78 26.5 7.5 11.3#



#28
Methyl tert-Butyl Ether
Concen: 0.356 ppbv
RT: 4.581 min Scan# 615
Delta R.T. 0.020 min
Lab File: VL041654.D
Acq: 10 Oct 2024 22:40

Tgt Ion: 73 Resp: 19429
Ion Ratio Lower Upper
73 100
57 28.5 19.3 28.9





#29

Chloroform

Concen: 0.450 ppbv

RT: 5.256 min Scan# 81

Delta R.T. 0.007 min

Lab File: VL041654.D

Acq: 10 Oct 2024 22:40

Instrument :

MSVOA_L

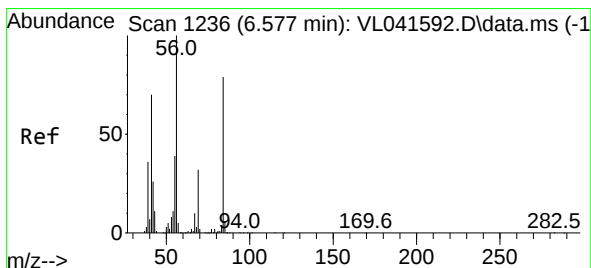
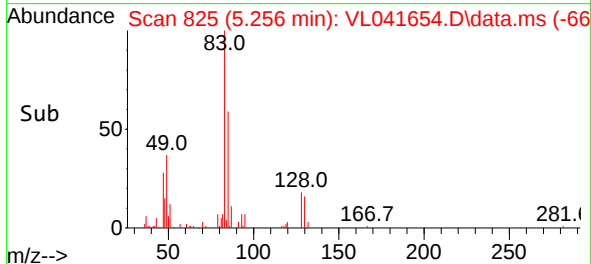
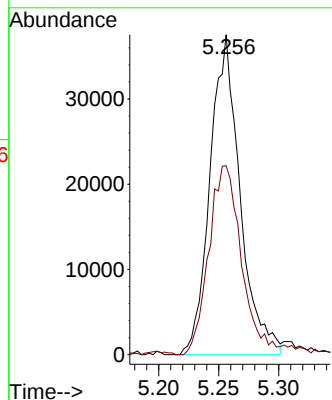
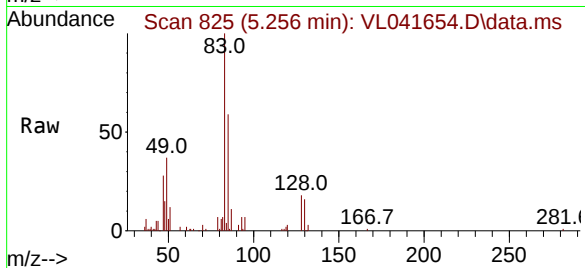
ClientSampleId :

Tgt Ion: 83 Resp: 65275

Ion Ratio Lower Upper

83 100

85 59.0 53.8 80.6



#30

Cyclohexane

Concen: 0.184 ppbv

RT: 6.587 min Scan# 1239

Delta R.T. 0.010 min

Lab File: VL041654.D

Acq: 10 Oct 2024 22:40

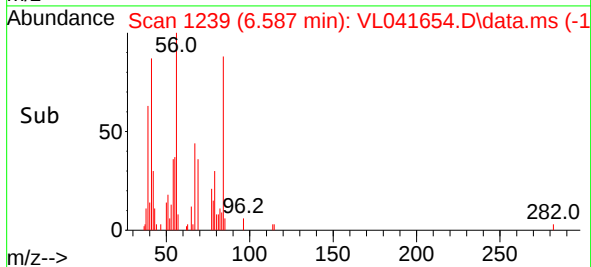
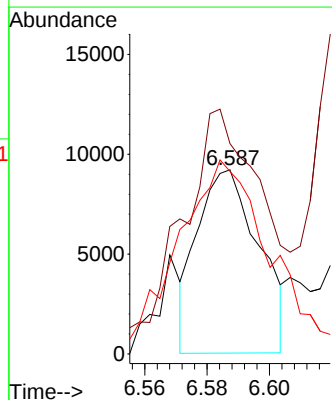
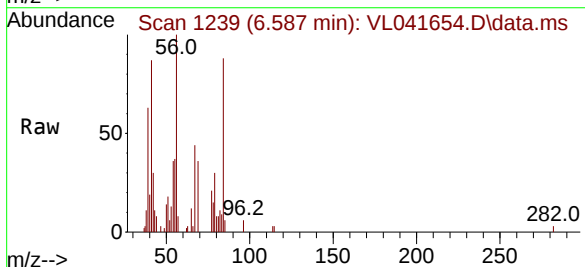
Tgt Ion: 84 Resp: 12552

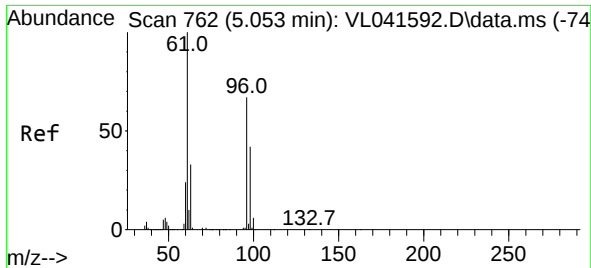
Ion Ratio Lower Upper

84 100

56 172.7 111.5 167.3#

41 173.4 70.9 106.3#

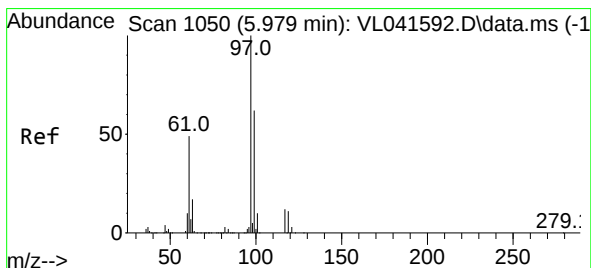
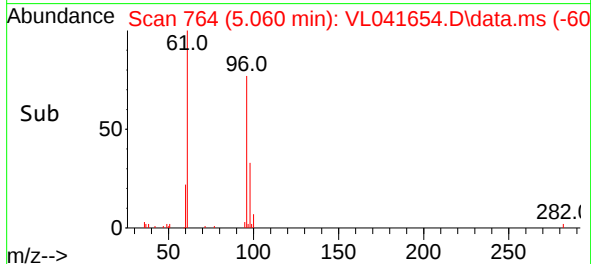
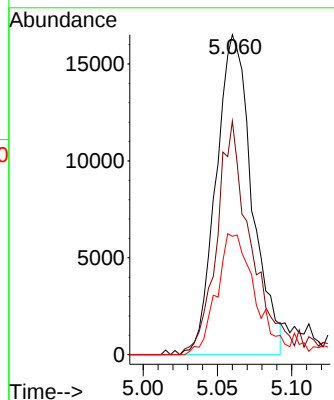
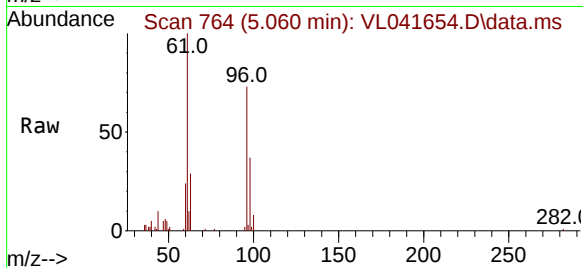




#31
 cis-1,2-Dichloroethene
 Concen: 0.332 ppbv
 RT: 5.060 min Scan# 764
 Delta R.T. 0.007 min
 Lab File: VL041654.D
 Acq: 10 Oct 2024 22:40

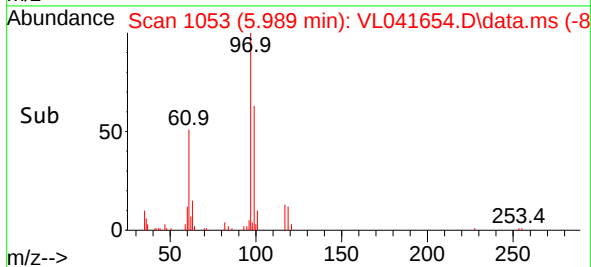
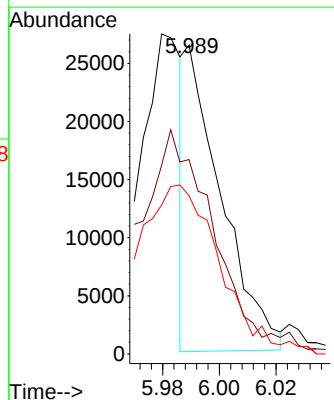
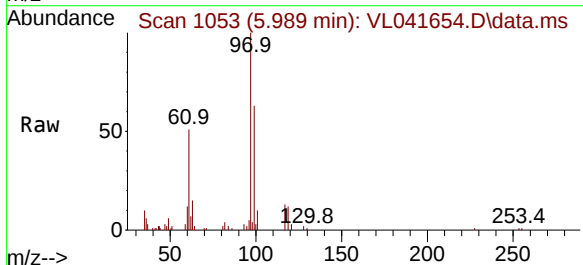
Instrument :
 MSVOA_L
 ClientSampleId :

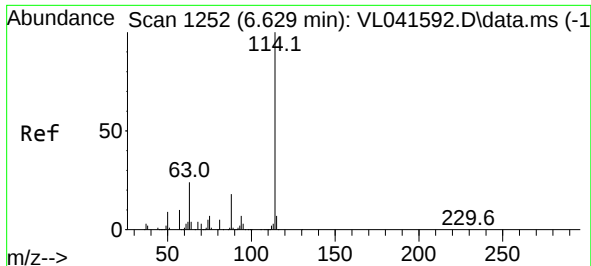
Tgt Ion: 61 Resp: 27878
 Ion Ratio Lower Upper
 61 100
 96 73.0 53.5 80.3
 98 37.0 33.7 50.5



#32
 1,1,1-Trichloroethane
 Concen: 0.180 ppbv
 RT: 5.989 min Scan# 1053
 Delta R.T. 0.010 min
 Lab File: VL041654.D
 Acq: 10 Oct 2024 22:40

Tgt Ion: 97 Resp: 23284
 Ion Ratio Lower Upper
 97 100
 99 156.3 51.0 76.4#
 61 129.9 41.0 61.6#





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.636 min Scan# 114

Delta R.T. 0.007 min

Lab File: VL041654.D

Acq: 10 Oct 2024 22:40

Instrument :

MSVOA_L

ClientSampleId :

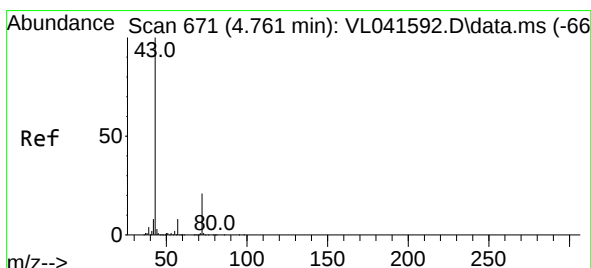
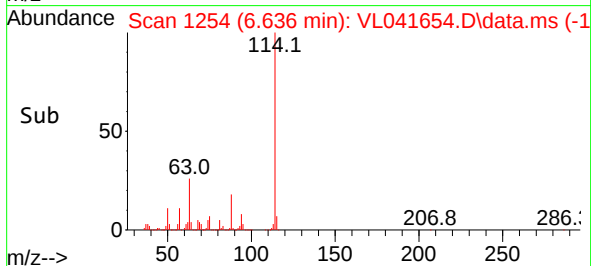
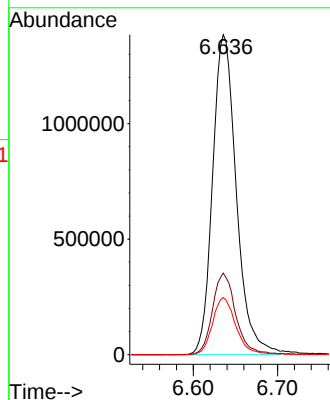
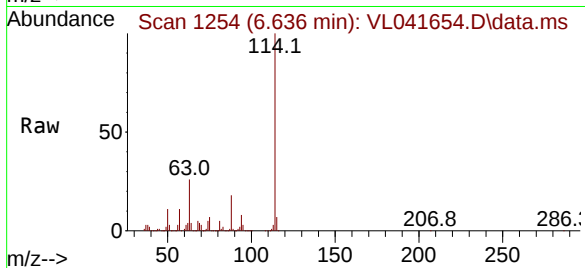
Tgt Ion:114 Resp: 2711705

Ion Ratio Lower Upper

114 100

63 25.4 20.2 30.2

88 17.7 14.2 21.4



#34

2-Butanone

Concen: 0.341 ppbv

RT: 4.784 min Scan# 678

Delta R.T. 0.023 min

Lab File: VL041654.D

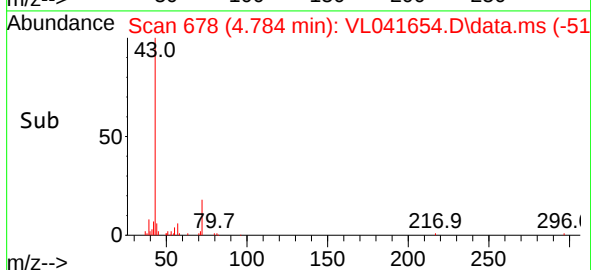
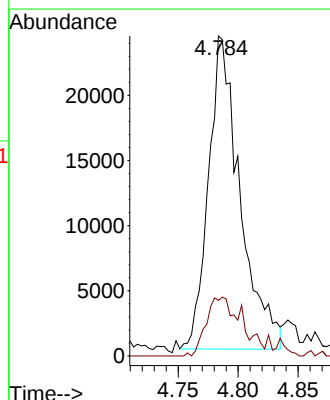
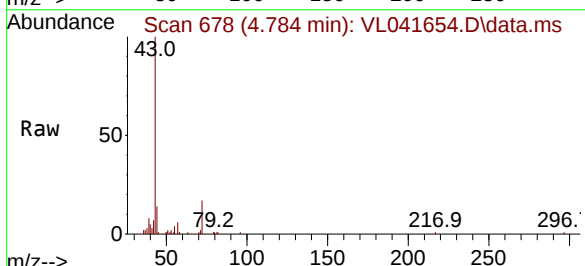
Acq: 10 Oct 2024 22:40

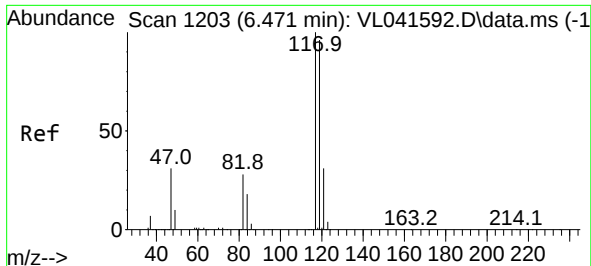
Tgt Ion: 43 Resp: 44097

Ion Ratio Lower Upper

43 100

72 24.0 16.8 25.2

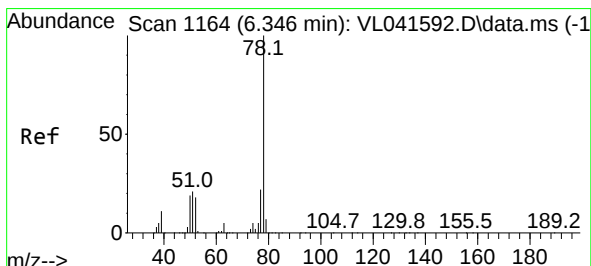
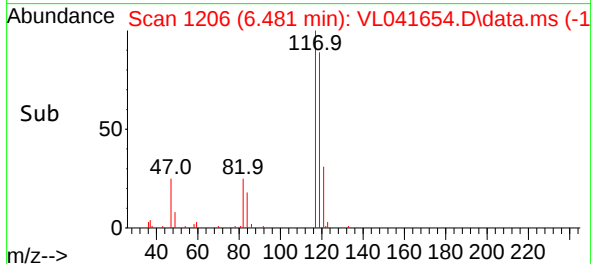
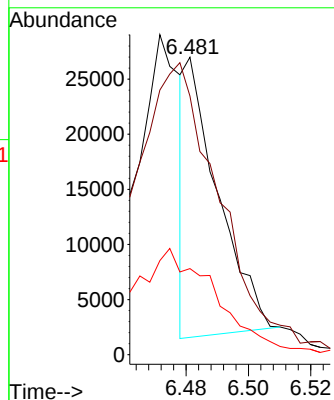
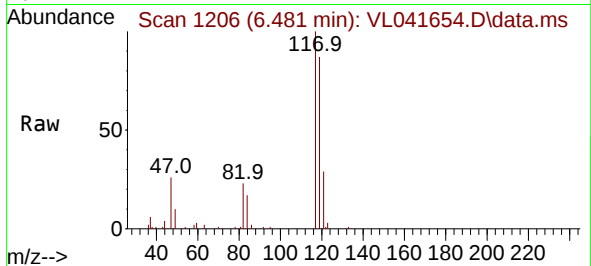




#35
Carbon Tetrachloride
Concen: 0.137 ppbv
RT: 6.481 min Scan# 1165
Delta R.T. 0.010 min
Lab File: VL041654.D
Acq: 10 Oct 2024 22:40

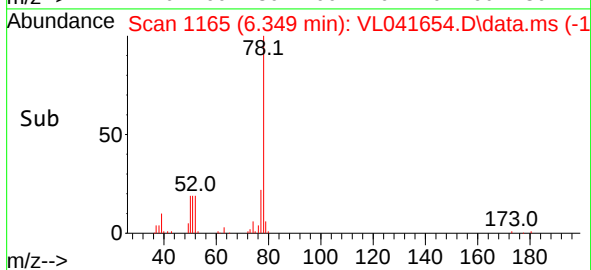
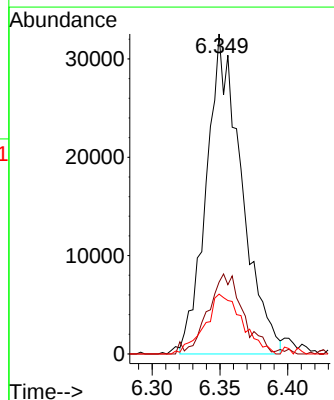
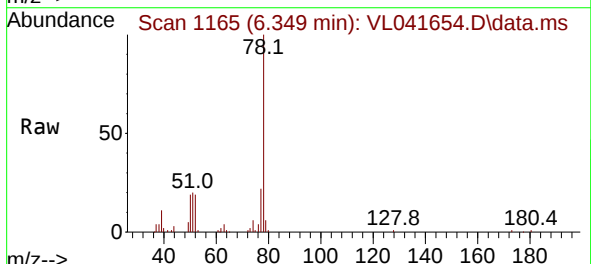
Instrument :
MSVOA_L
ClientSampleId :

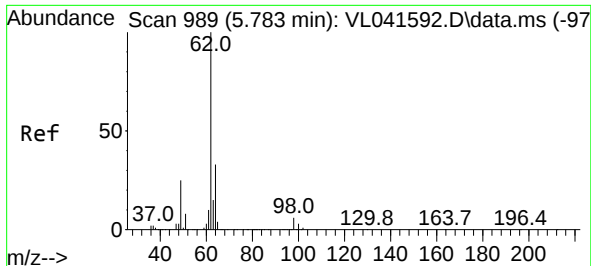
Tgt Ion:117 Resp: 18285
Ion Ratio Lower Upper
117 100
119 84.9 76.8 115.2
121 28.8 25.0 37.6



#36
Benzene
Concen: 0.313 ppbv
RT: 6.349 min Scan# 1165
Delta R.T. 0.003 min
Lab File: VL041654.D
Acq: 10 Oct 2024 22:40

Tgt Ion: 78 Resp: 58855
Ion Ratio Lower Upper
78 100
77 21.5 17.8 26.6
50 19.1 15.4 23.0





#37

1,2-Dichloroethane

Concen: 0.381 ppbv

RT: 5.793 min Scan# 989

Delta R.T. 0.010 min

Lab File: VL041654.D

Acq: 10 Oct 2024 22:40

Instrument :

MSVOA_L

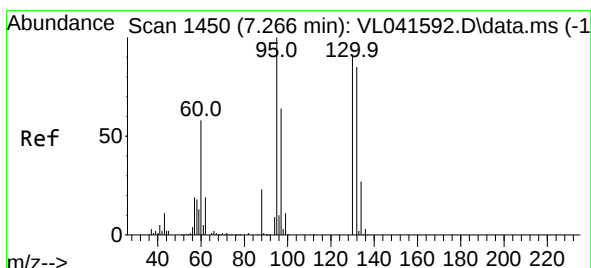
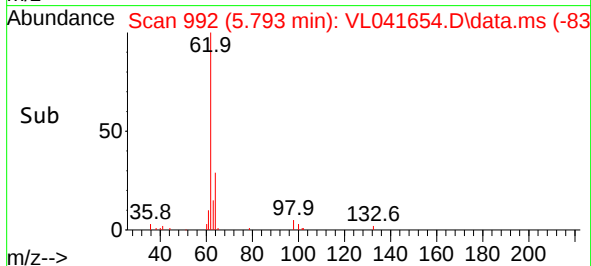
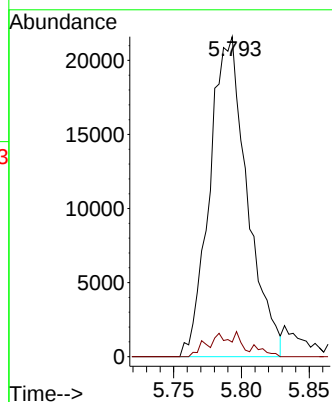
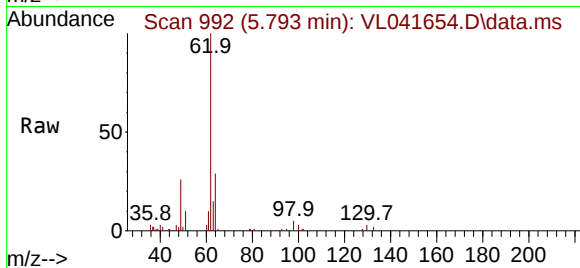
ClientSampleId :

Tgt Ion: 62 Resp: 41636

Ion Ratio Lower Upper

62 100

98 7.0 4.8 7.2



#38

Trichloroethene

Concen: 0.339 ppbv

RT: 7.272 min Scan# 1452

Delta R.T. 0.007 min

Lab File: VL041654.D

Acq: 10 Oct 2024 22:40

Tgt Ion:130 Resp: 32925

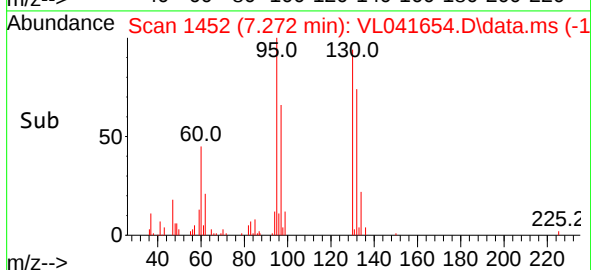
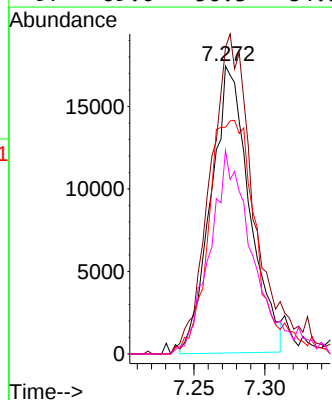
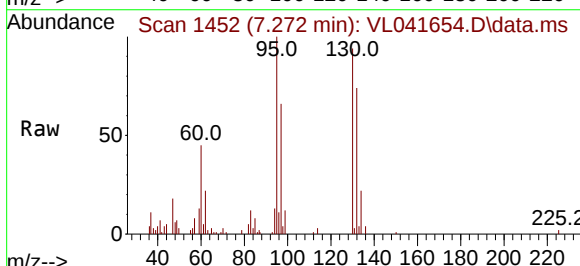
Ion Ratio Lower Upper

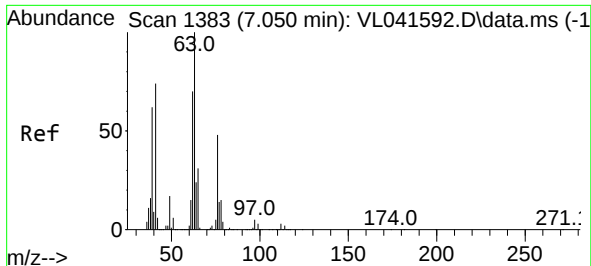
130 100

95 104.5 87.7 131.5

132 78.3 74.5 111.7

97 69.0 56.3 84.5





#39

1,2-Dichloropropane

Concen: 0.347 ppbv

RT: 7.060 min Scan# 11

Delta R.T. 0.010 min

Lab File: VL041654.D

Acq: 10 Oct 2024 22:40

Instrument :

MSVOA_L

ClientSampleId :

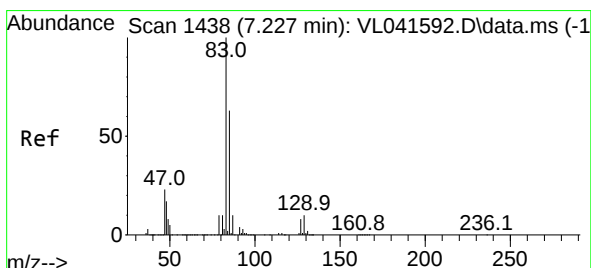
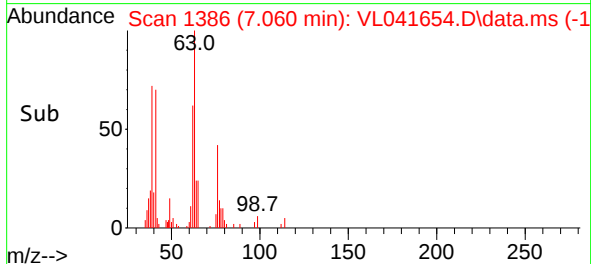
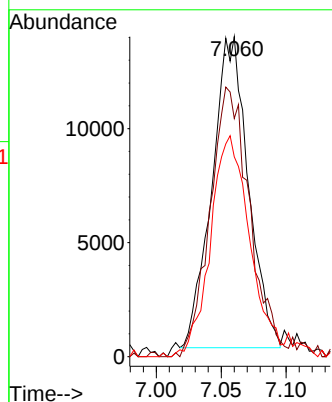
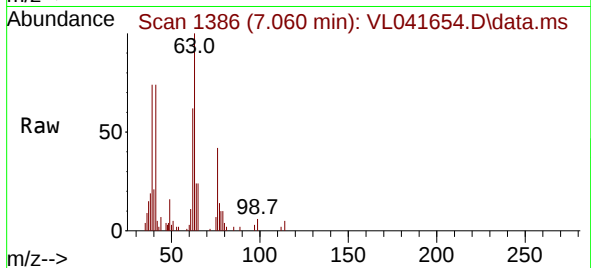
Tgt Ion: 63 Resp: 26587

Ion Ratio Lower Upper

63 100

41 76.6 59.5 89.3

62 60.5 56.2 84.2



#42

Bromodichloromethane

Concen: 0.355 ppbv

RT: 7.230 min Scan# 1439

Delta R.T. 0.003 min

Lab File: VL041654.D

Acq: 10 Oct 2024 22:40

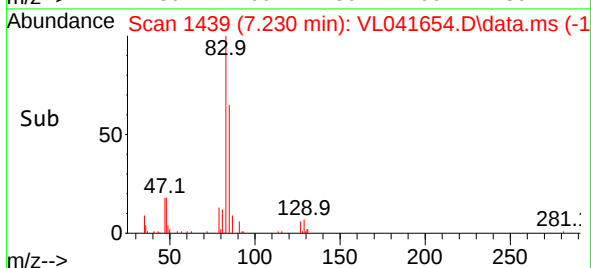
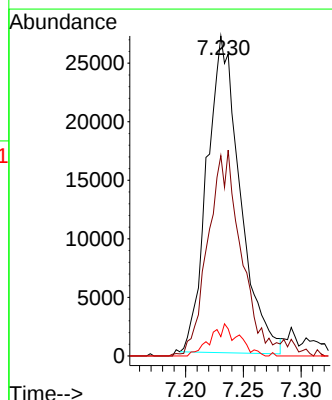
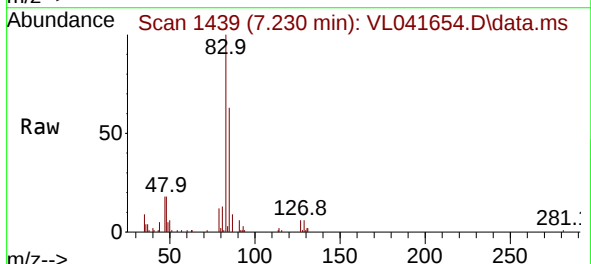
Tgt Ion: 83 Resp: 53894

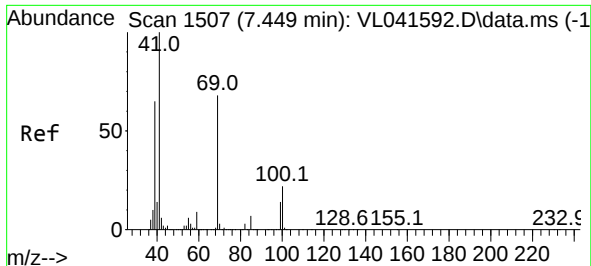
Ion Ratio Lower Upper

83 100

85 62.8 50.5 75.7

127 6.1 6.5 9.7

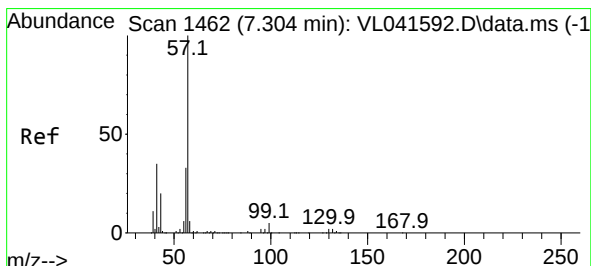
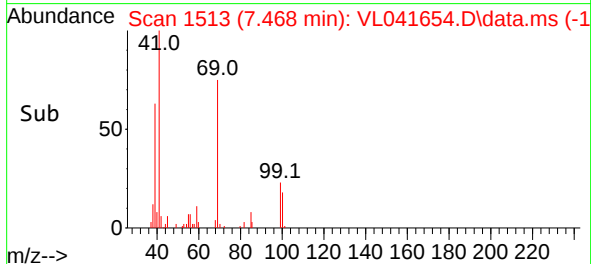
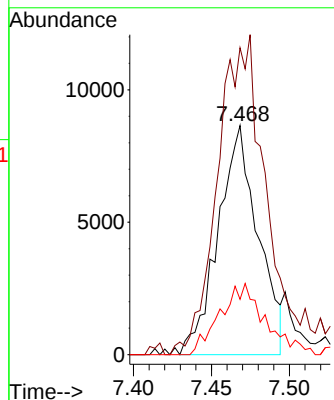
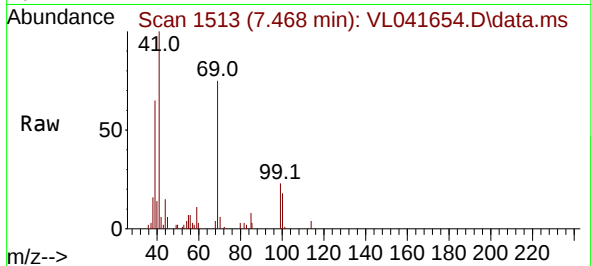




#43
Methyl Methacrylate
Concen: 0.229 ppbv
RT: 7.468 min Scan# 11
Delta R.T. 0.020 min
Lab File: VL041654.D
Acq: 10 Oct 2024 22:40

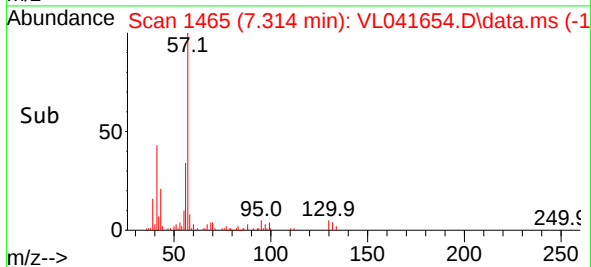
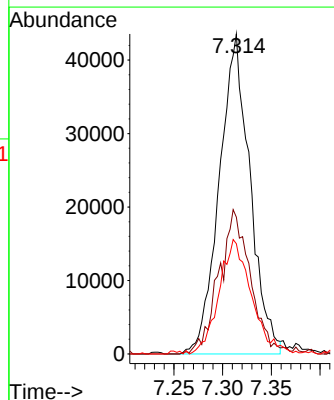
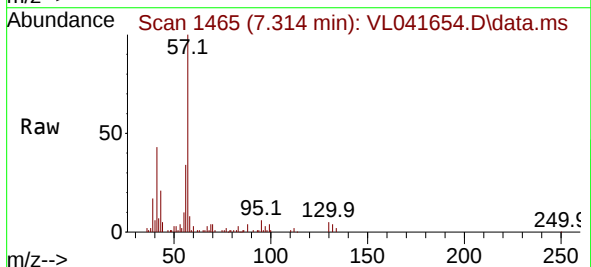
Instrument :
MSVOA_L
ClientSampleId :

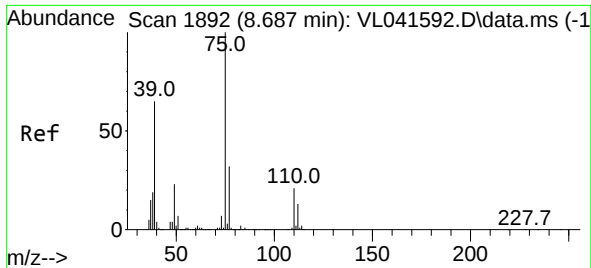
Tgt Ion: 69 Resp: 15436
Ion Ratio Lower Upper
69 100
41 169.2 121.8 182.6
100 35.0 26.5 39.7



#44
2,2,4-Trimethylpentane
Concen: 0.292 ppbv
RT: 7.314 min Scan# 1465
Delta R.T. 0.010 min
Lab File: VL041654.D
Acq: 10 Oct 2024 22:40

Tgt Ion: 57 Resp: 95092
Ion Ratio Lower Upper
57 100
41 47.5 27.0 40.6#
56 38.2 25.5 38.3

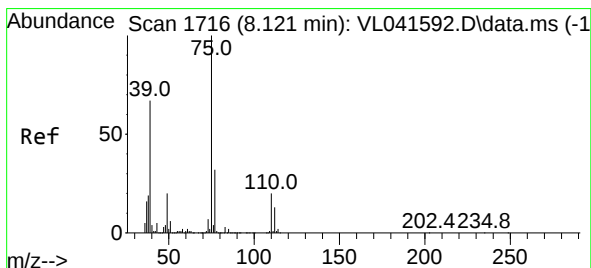
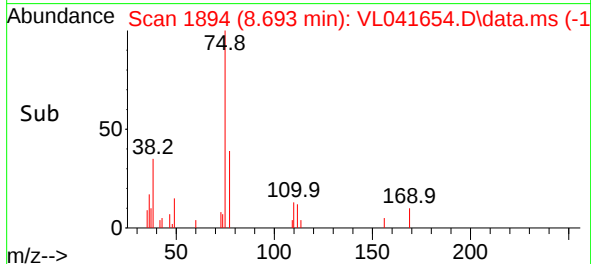
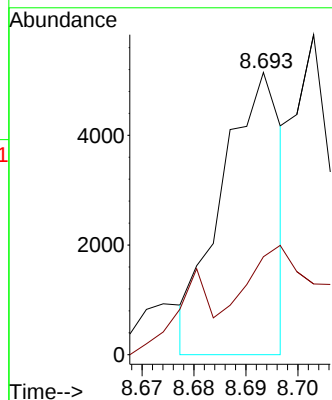
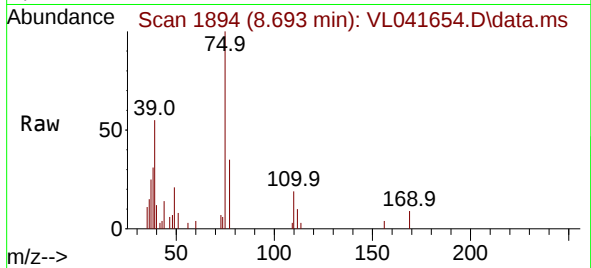




#45
t-1,3-Dichloropropene
Concen: 0.075 ppbv
RT: 8.693 min Scan# 11
Delta R.T. 0.007 min
Lab File: VL041654.D
Acq: 10 Oct 2024 22:40

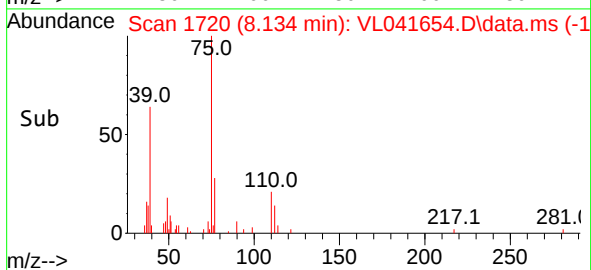
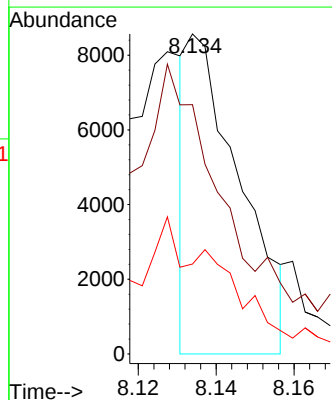
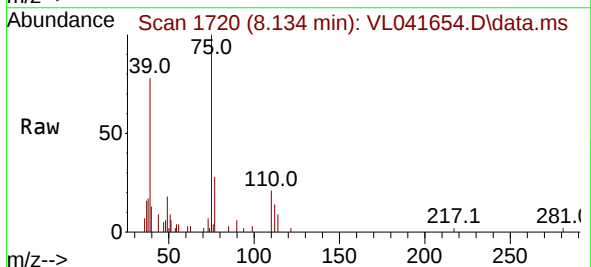
Instrument :
MSVOA_L
ClientSampleId :

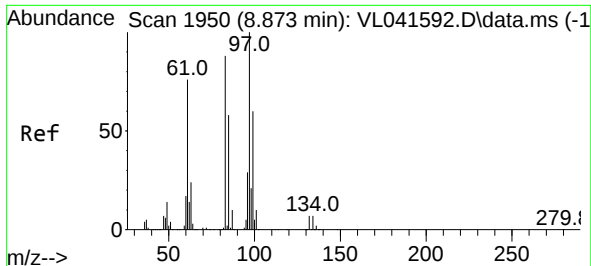
Tgt Ion: 75 Resp: 4100
Ion Ratio Lower Upper
75 100
77 34.7 25.4 38.0



#46
cis-1,3-Dichloropropene
Concen: 0.101 ppbv
RT: 8.134 min Scan# 1720
Delta R.T. 0.013 min
Lab File: VL041654.D
Acq: 10 Oct 2024 22:40

Tgt Ion: 75 Resp: 8008
Ion Ratio Lower Upper
75 100
39 77.3 54.0 81.0
77 28.7 25.2 37.8





#47

1,1,2-Trichloroethane

Concen: 0.329 ppbv

RT: 8.886 min Scan# 1950

Delta R.T. 0.013 min

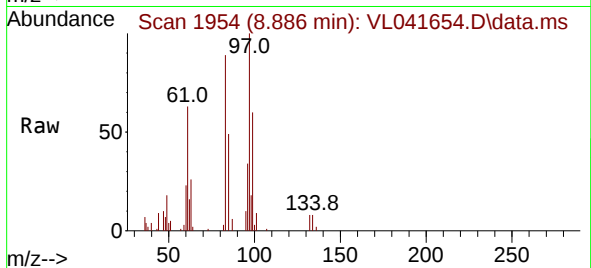
Lab File: VL041654.D

Acq: 10 Oct 2024 22:40

Instrument :

MSVOA_L

ClientSampleId :



Tgt Ion: 97 Resp: 26735

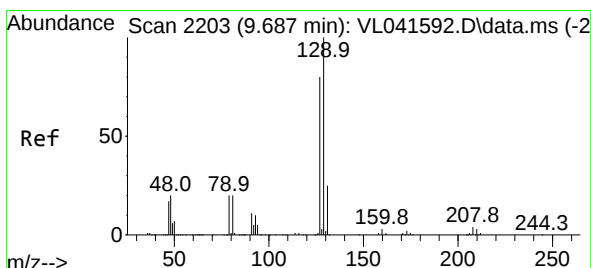
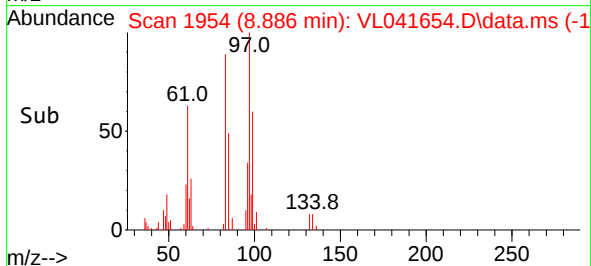
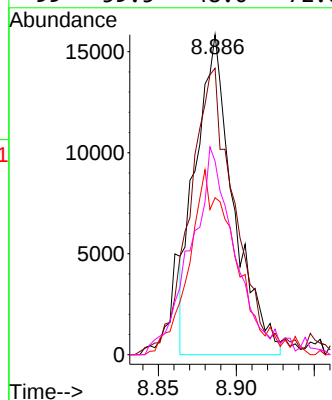
Ion Ratio Lower Upper

97 100

83 89.1 70.2 105.4

85 48.5 46.3 69.5

99 59.5 48.0 72.0



#48

Dibromochloromethane

Concen: 0.304 ppbv

RT: 9.697 min Scan# 2206

Delta R.T. 0.010 min

Lab File: VL041654.D

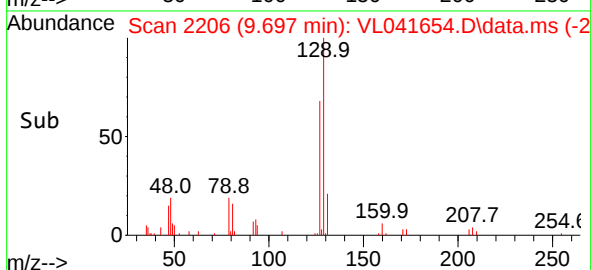
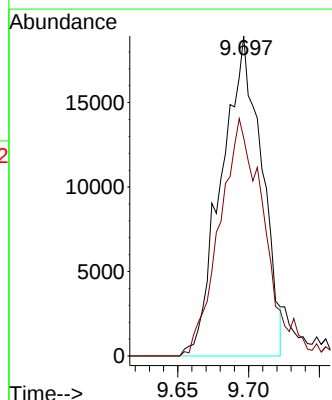
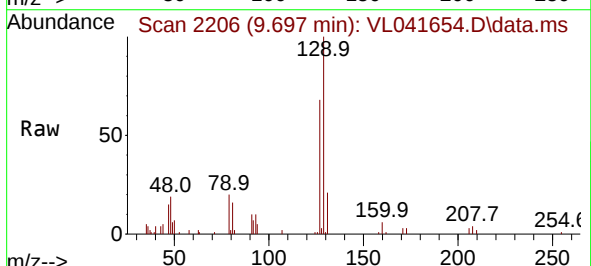
Acq: 10 Oct 2024 22:40

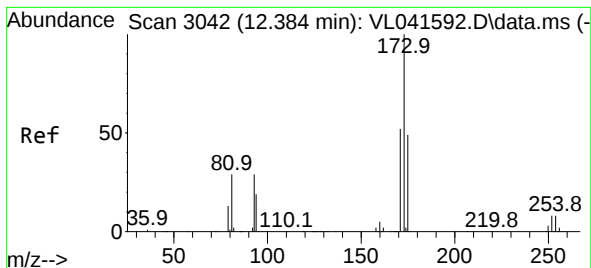
Tgt Ion: 129 Resp: 37408

Ion Ratio Lower Upper

129 100

127 84.1 39.3 117.9





#49

Bromoform

Concen: 0.112 ppbv

RT: 12.397 min Scan# 3042

Delta R.T. 0.013 min

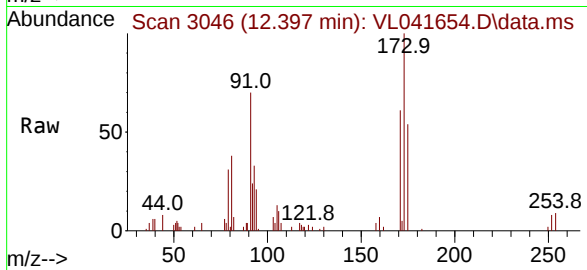
Lab File: VL041654.D

Acq: 10 Oct 2024 22:40

Instrument :

MSVOA_L

ClientSampleId :



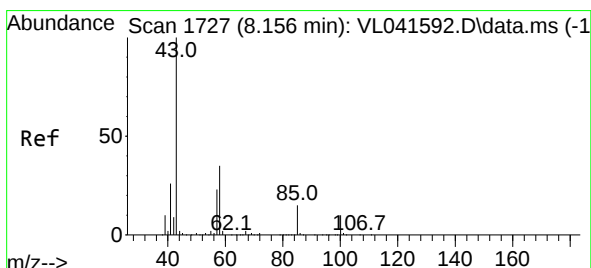
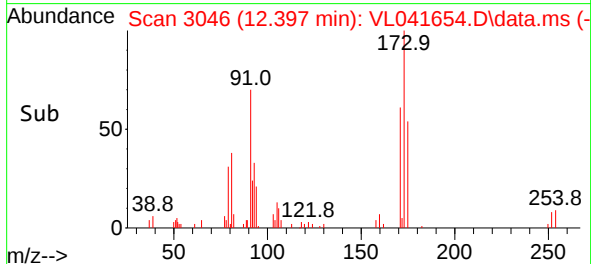
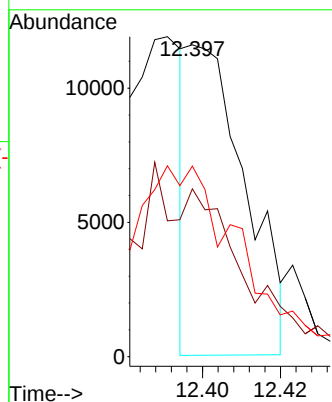
Tgt Ion:173 Resp: 11853

Ion Ratio Lower Upper

173 100

175 0.0 40.1 60.1#

171 0.0 42.2 63.4#



#50

4-Methyl-2-Pentanone

Concen: 0.126 ppbv

RT: 8.189 min Scan# 1737

Delta R.T. 0.032 min

Lab File: VL041654.D

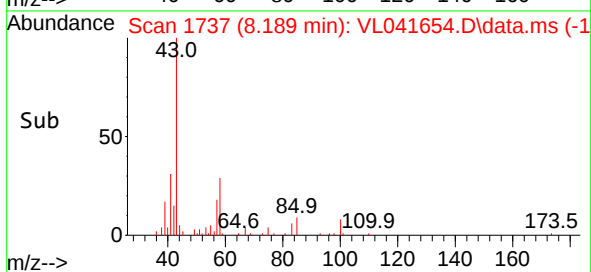
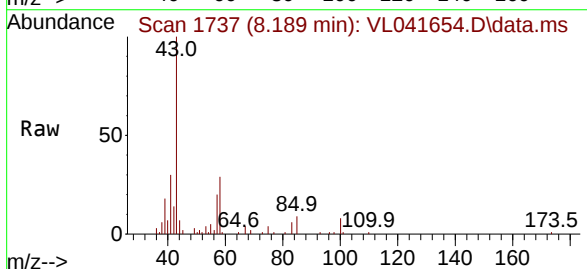
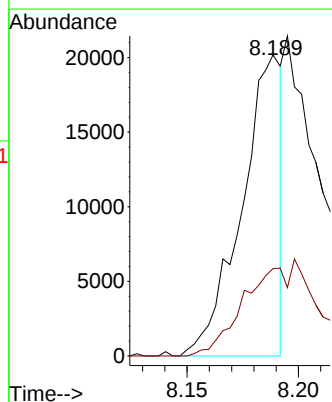
Acq: 10 Oct 2024 22:40

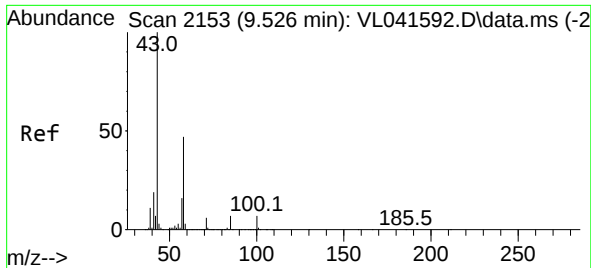
Tgt Ion: 43 Resp: 25071

Ion Ratio Lower Upper

43 100

58 0.0 27.8 41.8#

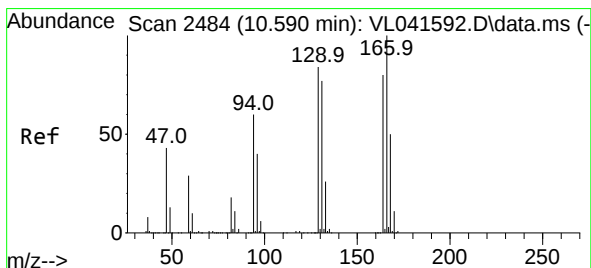
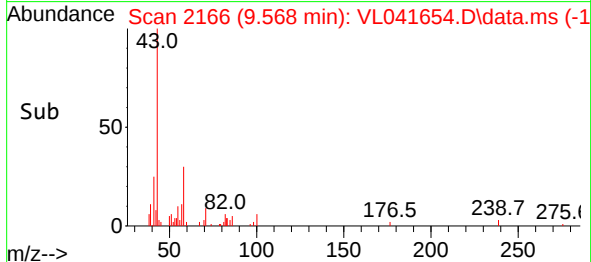
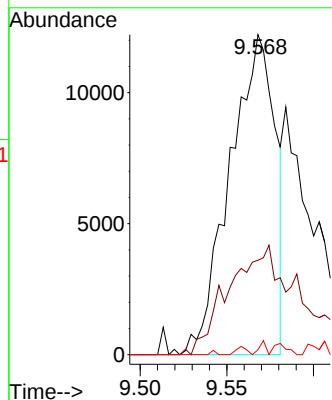
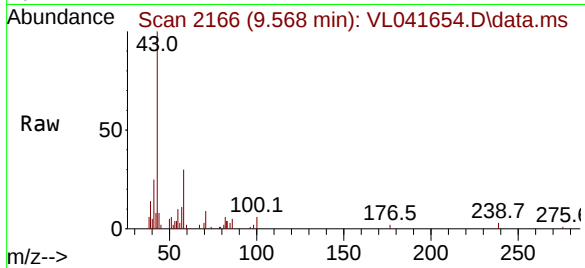




#51
2-Hexanone
Concen: 0.147 ppbv
RT: 9.568 min Scan# 2153
Delta R.T. 0.042 min
Lab File: VL041654.D
Acq: 10 Oct 2024 22:40

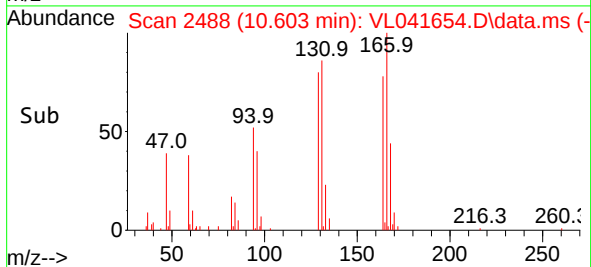
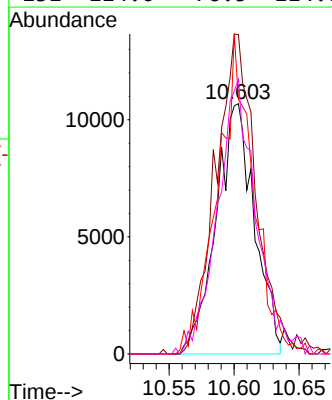
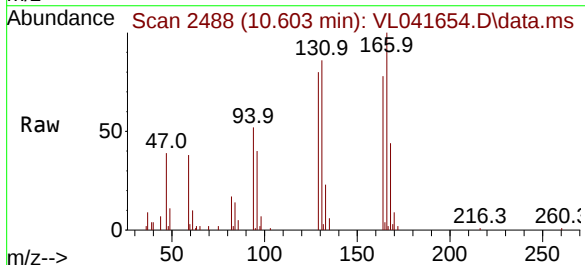
Instrument :
MSVOA_L
ClientSampleId :

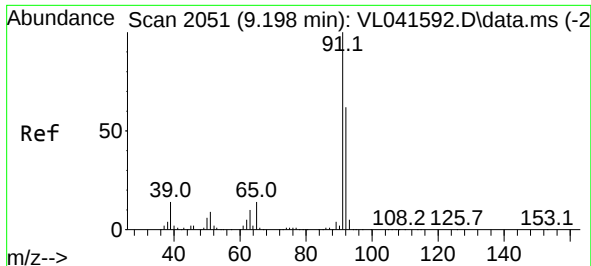
Tgt Ion: 43 Resp: 22189
Ion Ratio Lower Upper
43 100
58 60.7 37.2 55.8#
98 0.7 0.5 0.7#



#52
Tetrachloroethene
Concen: 0.322 ppbv
RT: 10.603 min Scan# 2488
Delta R.T. 0.013 min
Lab File: VL041654.D
Acq: 10 Oct 2024 22:40

Tgt Ion: 164 Resp: 21974
Ion Ratio Lower Upper
164 100
166 130.6 99.4 149.2
129 100.1 83.5 125.3
131 114.0 76.5 114.7

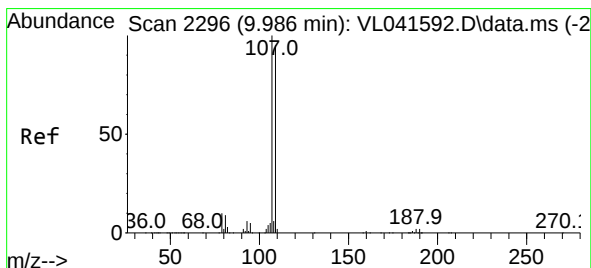
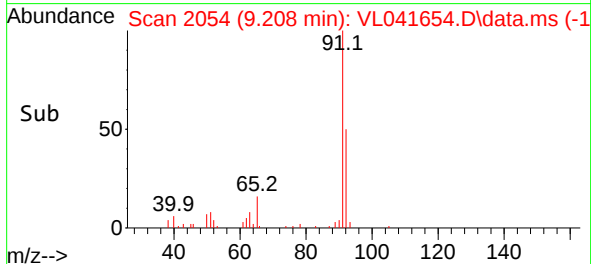
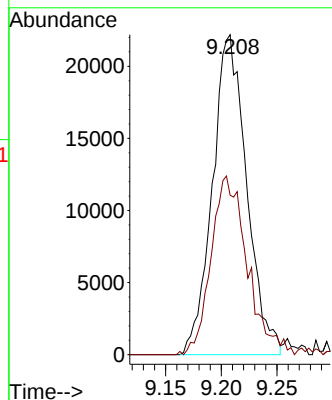
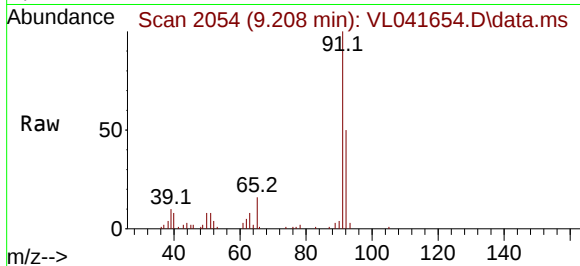




#53
Toluene
Concen: 0.237 ppbv
RT: 9.208 min Scan# 2051
Delta R.T. 0.010 min
Lab File: VL041654.D
Acq: 10 Oct 2024 22:40

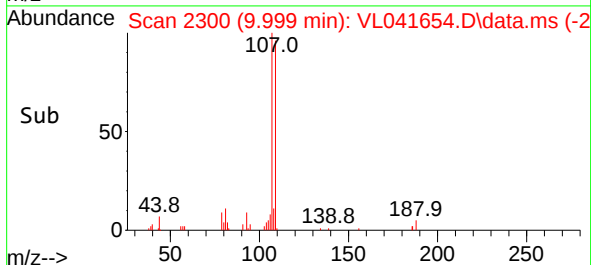
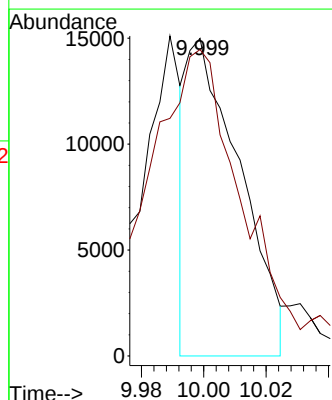
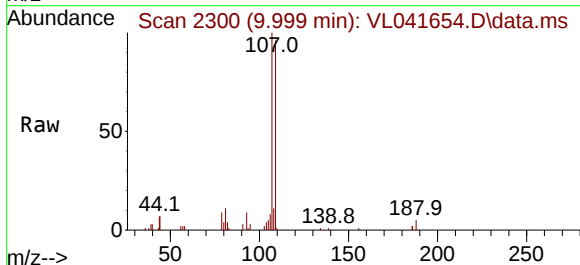
Instrument :
MSVOA_L
ClientSampleId :

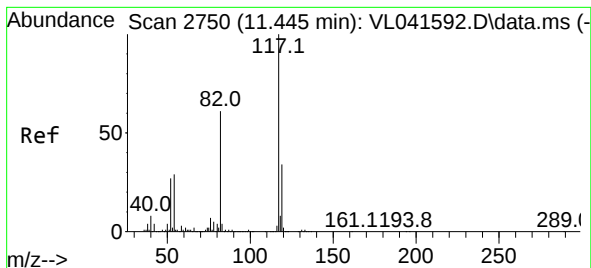
Tgt Ion: 91 Resp: 47465
Ion Ratio Lower Upper
91 100
92 59.2 48.9 73.3



#54
1,2-Dibromoethane
Concen: 0.176 ppbv
RT: 9.999 min Scan# 2300
Delta R.T. 0.013 min
Lab File: VL041654.D
Acq: 10 Oct 2024 22:40

Tgt Ion: 107 Resp: 17666
Ion Ratio Lower Upper
107 100
109 92.5 75.7 113.5

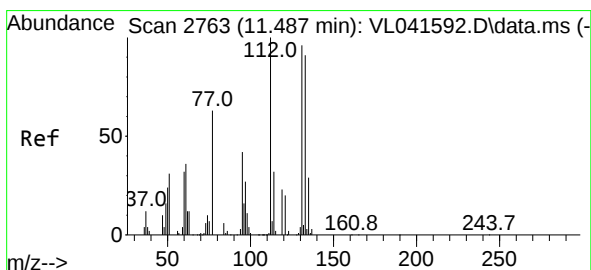
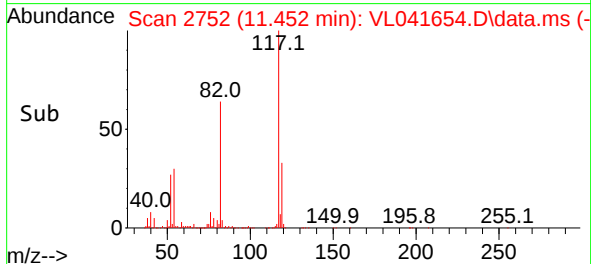
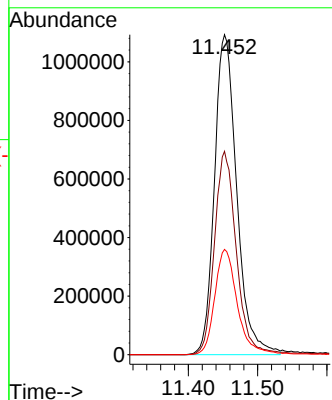
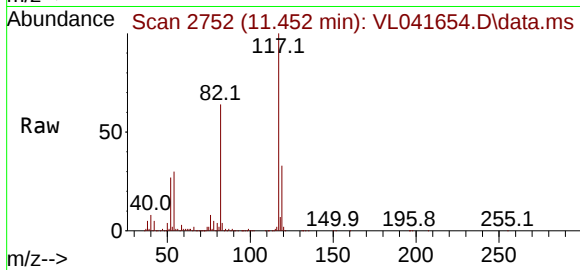




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.452 min Scan# 21
Delta R.T. 0.007 min
Lab File: VL041654.D
Acq: 10 Oct 2024 22:40

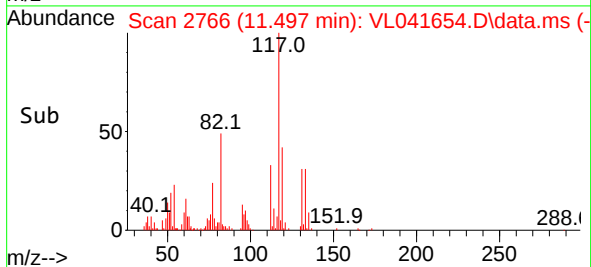
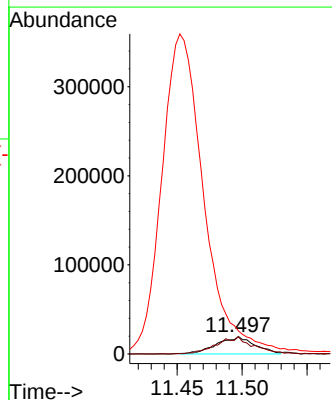
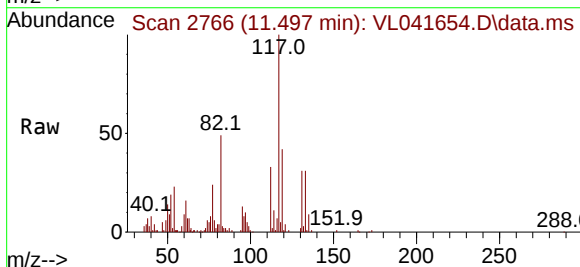
Instrument :
MSVOA_L
ClientSampleId :

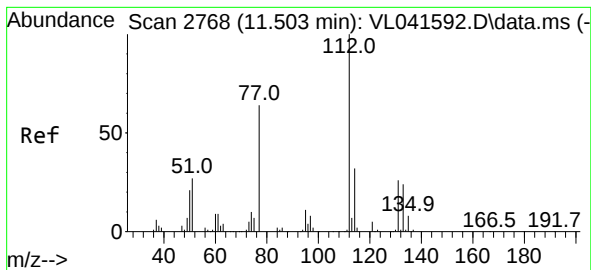
Tgt Ion:117 Resp: 2441271
Ion Ratio Lower Upper
117 100
82 63.0 49.4 74.2
119 33.6 24.4 36.6



#56
1,1,1,2-Tetrachloroethane
Concen: 0.413 ppbv
RT: 11.497 min Scan# 2766
Delta R.T. 0.010 min
Lab File: VL041654.D
Acq: 10 Oct 2024 22:40

Tgt Ion:131 Resp: 39324
Ion Ratio Lower Upper
131 100
133 98.4 76.6 115.0
119 2100.6 48.5 72.7#





#57

Chlorobenzene

Concen: 0.420 ppbv

RT: 11.513 min Scan# 21

Delta R.T. 0.010 min

Lab File: VL041654.D

Acq: 10 Oct 2024 22:40

Instrument :

MSVOA_L

ClientSampleId :

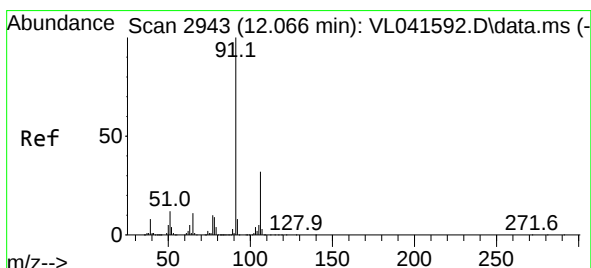
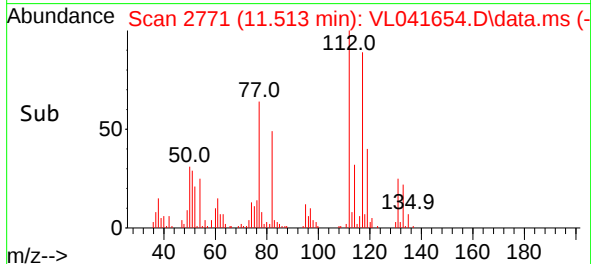
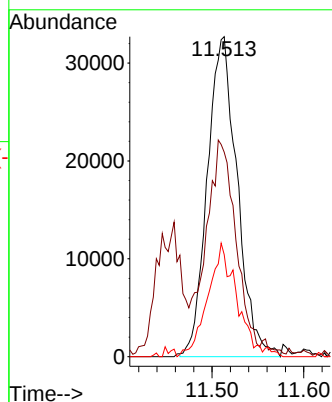
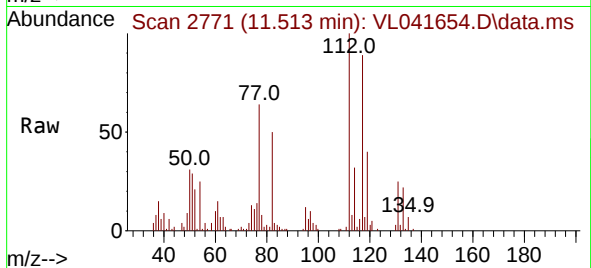
Tgt Ion:112 Resp: 73880

Ion Ratio Lower Upper

112 100

77 61.8 52.0 78.0

114 31.4 28.6 35.0



#58

Ethyl Benzene

Concen: 0.250 ppbv

RT: 12.076 min Scan# 2946

Delta R.T. 0.010 min

Lab File: VL041654.D

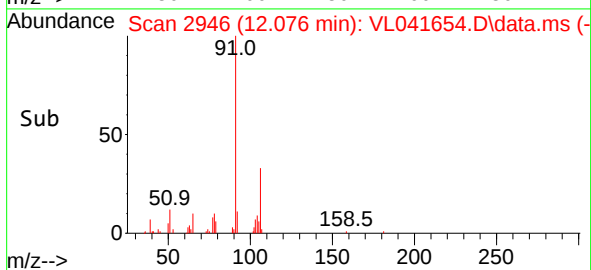
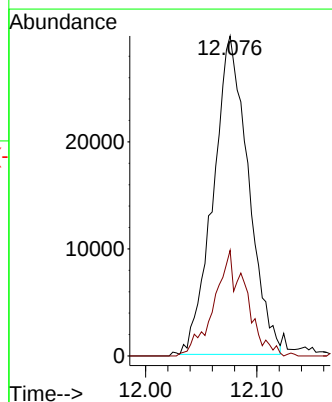
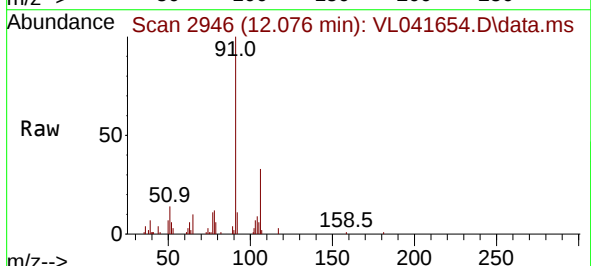
Acq: 10 Oct 2024 22:40

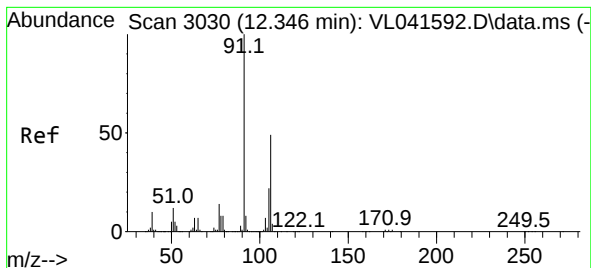
Tgt Ion: 91 Resp: 65207

Ion Ratio Lower Upper

91 100

106 32.4 25.8 38.6





#59

m/p-Xylene

Concen: 0.076 ppbv

RT: 12.352 min Scan# 3030

Delta R.T. 0.007 min

Lab File: VL041654.D

Acq: 10 Oct 2024 22:40

Instrument :

MSVOA_L

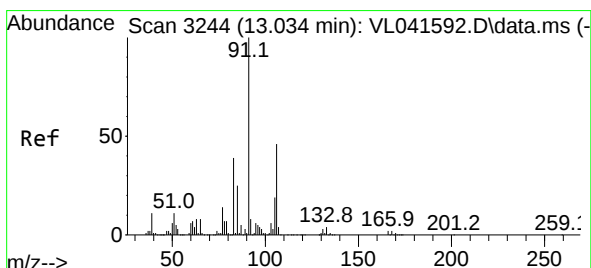
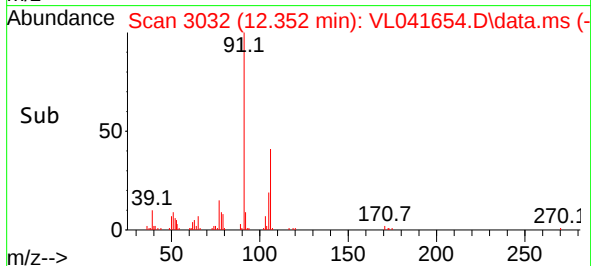
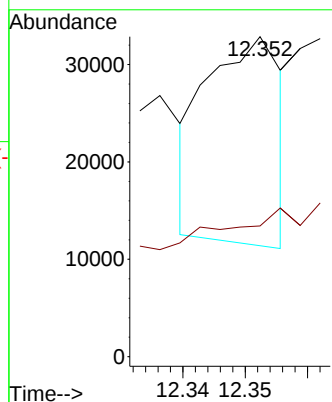
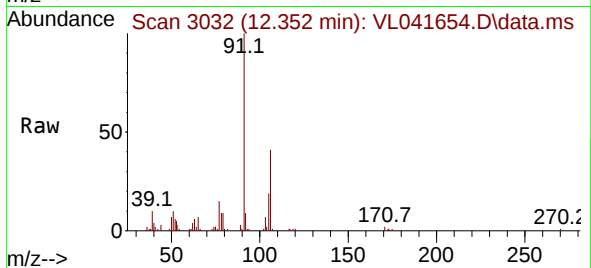
ClientSampleId :

Tgt Ion: 91 Resp: 17600

Ion Ratio Lower Upper

91 100

106 0.0 36.8 55.2#



#60

o-Xylene

Concen: 0.249 ppbv

RT: 13.047 min Scan# 3248

Delta R.T. 0.013 min

Lab File: VL041654.D

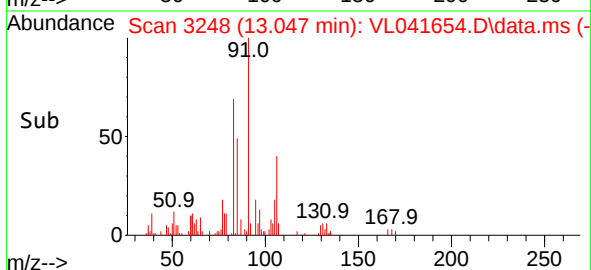
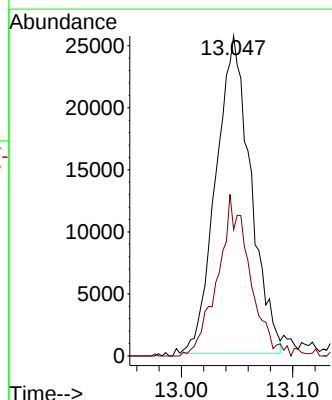
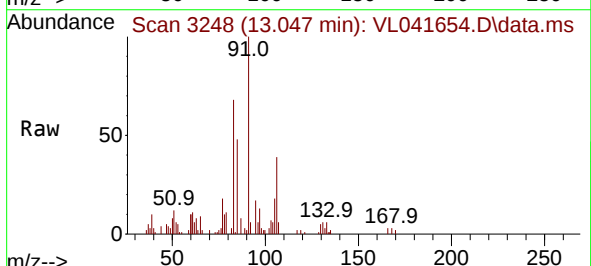
Acq: 10 Oct 2024 22:40

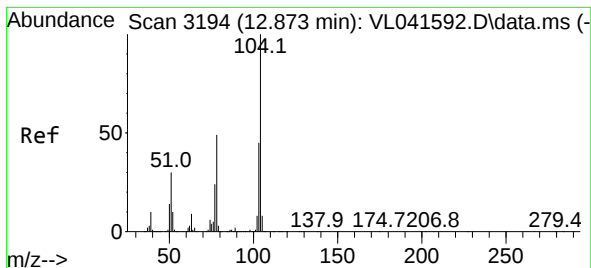
Tgt Ion: 91 Resp: 55496

Ion Ratio Lower Upper

91 100

106 47.7 23.1 69.3





#61

Styrene

Concen: 0.096 ppbv

RT: 12.880 min Scan# 3194

Delta R.T. 0.007 min

Lab File: VL041654.D

Acq: 10 Oct 2024 22:40

Instrument :

MSVOA_L

ClientSampleId :

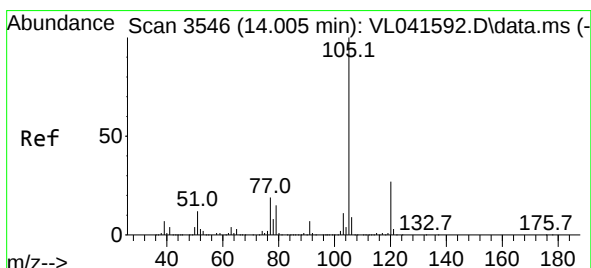
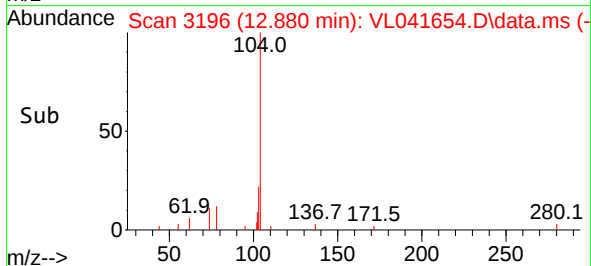
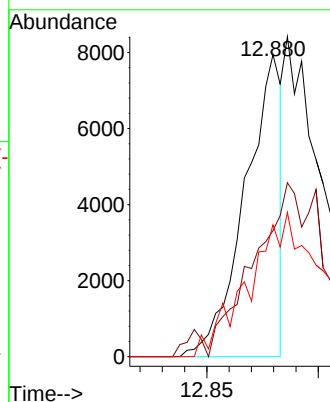
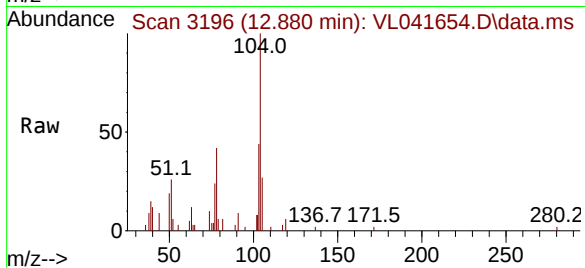
Tgt Ion:104 Resp: 8953

Ion Ratio Lower Upper

104 100

78 0.0 39.8 59.6#

103 0.0 37.4 56.0#



#62

Isopropylbenzene

Concen: 0.325 ppbv

RT: 14.015 min Scan# 3549

Delta R.T. 0.010 min

Lab File: VL041654.D

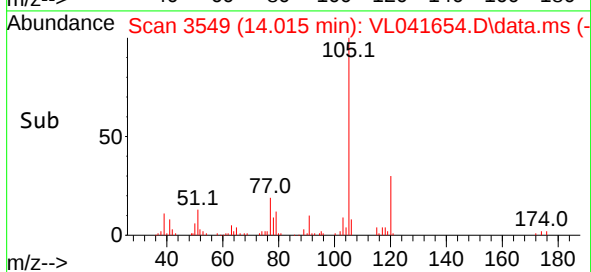
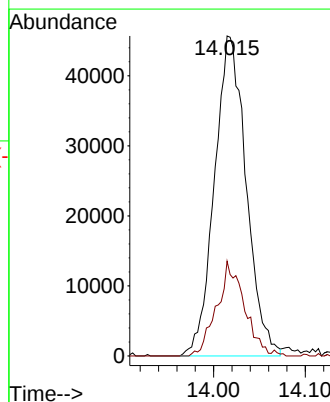
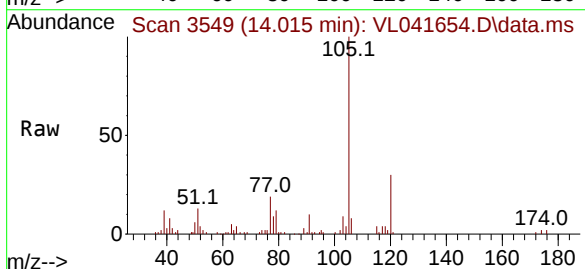
Acq: 10 Oct 2024 22:40

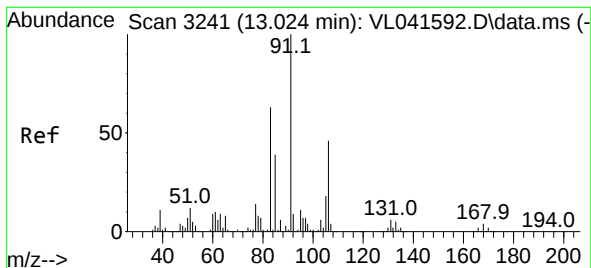
Tgt Ion:105 Resp: 109826

Ion Ratio Lower Upper

105 100

120 25.8 20.9 31.3

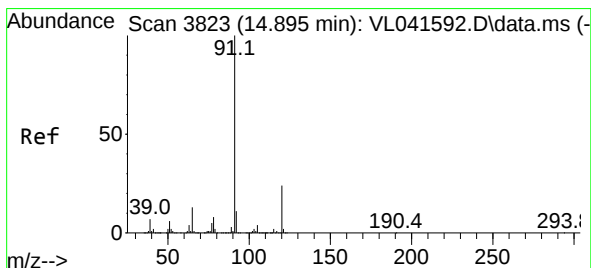
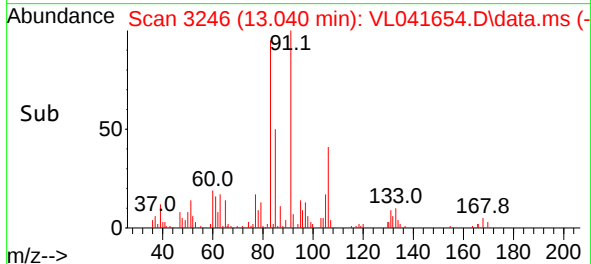
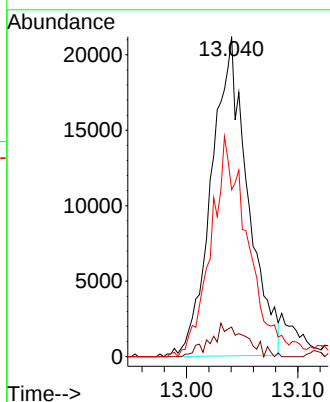
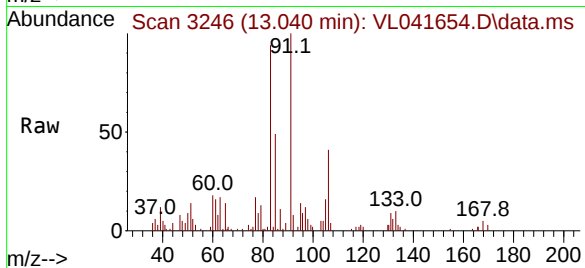




#63
1,1,2,2-Tetrachloroethane
Concen: 0.418 ppbv
RT: 13.040 min Scan# 31
Delta R.T. 0.016 min
Lab File: VL041654.D
Acq: 10 Oct 2024 22:40

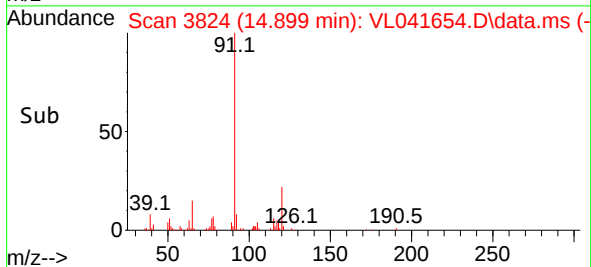
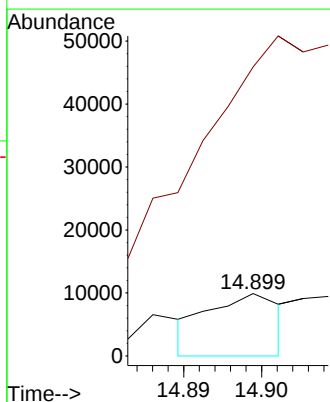
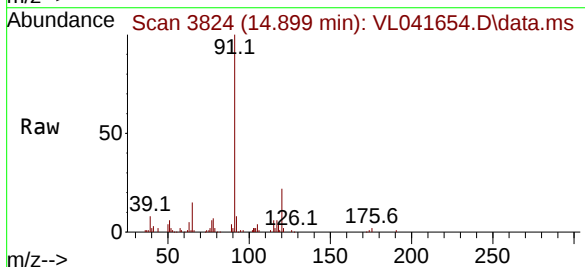
Instrument :
MSVOA_L
ClientSampleId :

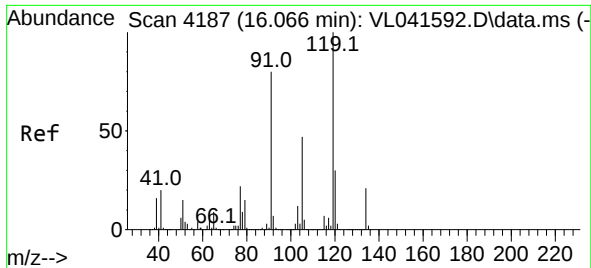
Tgt Ion: 83 Resp: 47700
Ion Ratio Lower Upper
83 100
131 10.0 4.8 14.4
85 73.6 32.5 97.4



#64
n-propylbenzene
Concen: 0.073 ppbv
RT: 14.899 min Scan# 3824
Delta R.T. 0.003 min
Lab File: VL041654.D
Acq: 10 Oct 2024 22:40

Tgt Ion:120 Resp: 6398
Ion Ratio Lower Upper
120 100
91 1968.5 366.4 549.6#

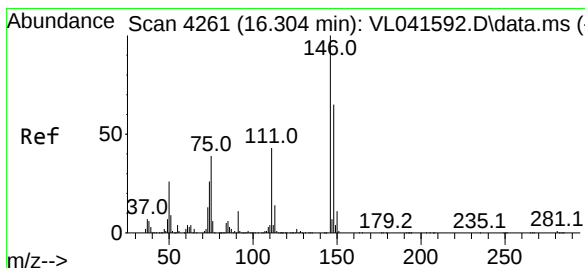
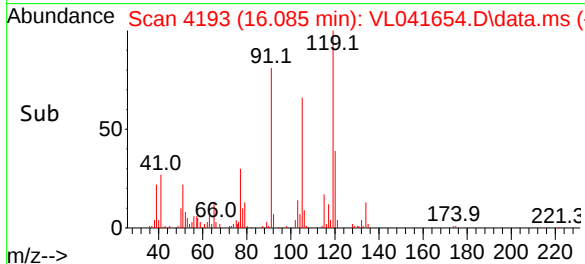
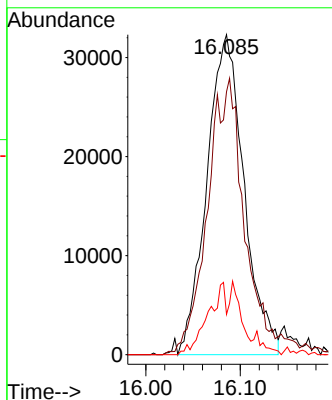
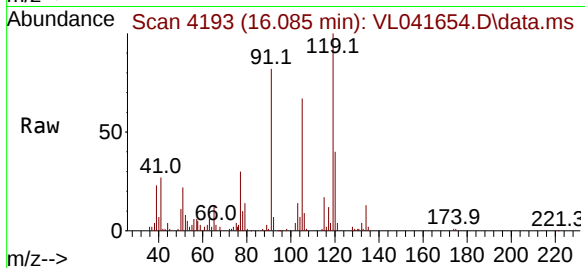




#65
tert-Butylbenzene
Concen: 0.285 ppbv
RT: 16.085 min Scan# 4187
Delta R.T. 0.020 min
Lab File: VL041654.D
Acq: 10 Oct 2024 22:40

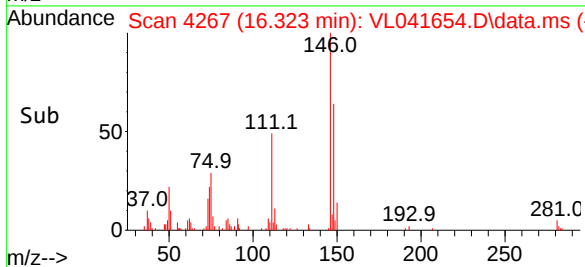
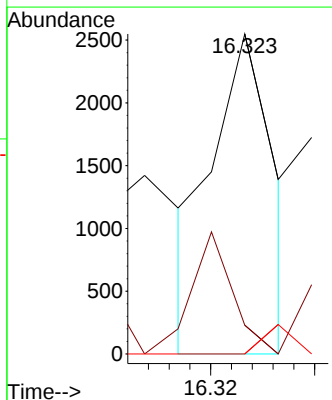
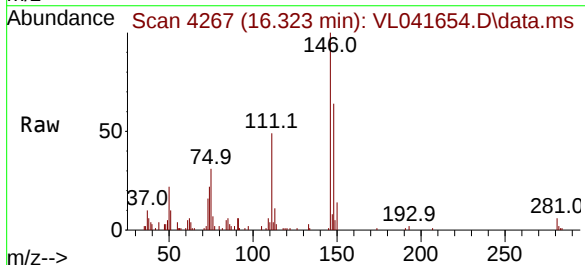
Instrument :
MSVOA_L
ClientSampleId :

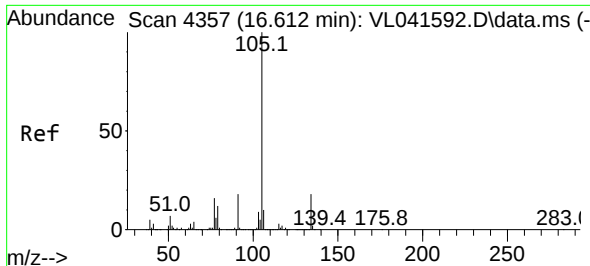
Tgt Ion:119 Resp: 88296
Ion Ratio Lower Upper
119 100
91 88.1 64.6 96.8
134 20.4 15.8 23.8



#66
Benzyl Chloride
Concen: 0.065 ppbv
RT: 16.323 min Scan# 4267
Delta R.T. 0.020 min
Lab File: VL041654.D
Acq: 10 Oct 2024 22:40

Tgt Ion: 91 Resp: 1040
Ion Ratio Lower Upper
91 100
126 59.2 15.4 23.2#
128 7.9 4.8 7.2#

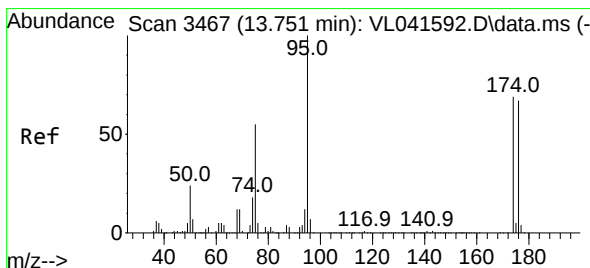
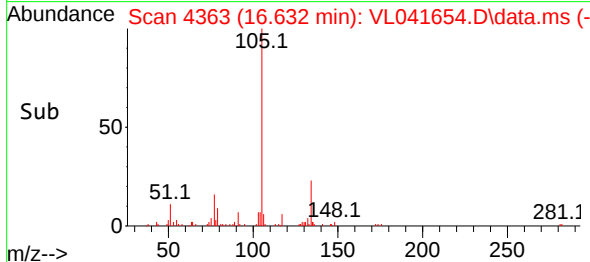
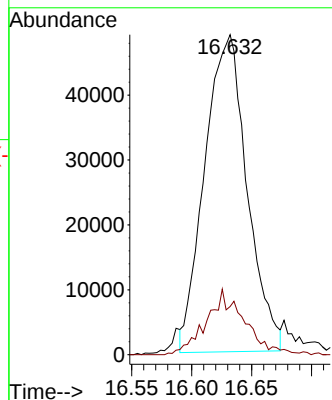
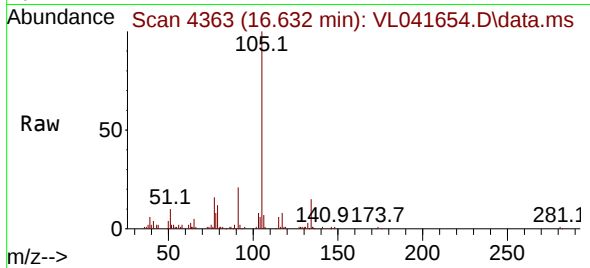




#67
 sec-Butylbenzene
 Concen: 0.280 ppbv
 RT: 16.632 min Scan# 41
 Delta R.T. 0.020 min
 Lab File: VL041654.D
 Acq: 10 Oct 2024 22:40

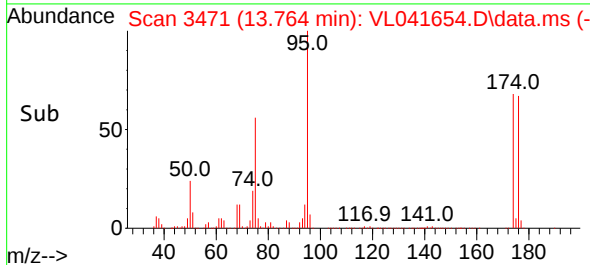
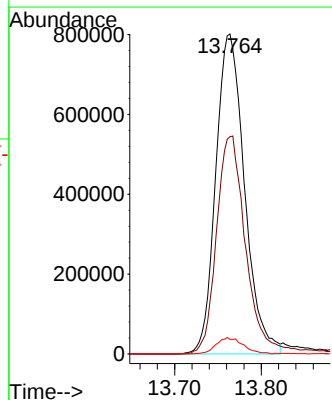
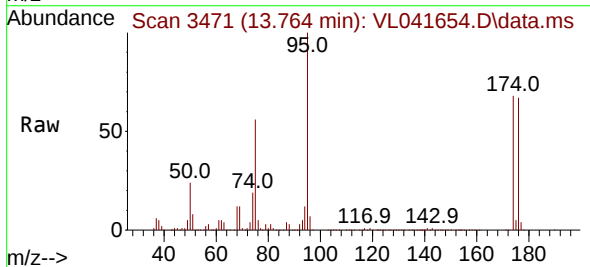
Instrument :
 MSVOA_L
 ClientSampleId :

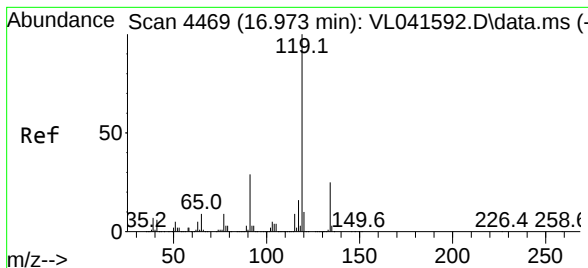
Tgt Ion:105 Resp: 120368
 Ion Ratio Lower Upper
 105 100
 134 18.6 14.6 21.8



#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.308 ppbv
 RT: 13.764 min Scan# 3471
 Delta R.T. 0.013 min
 Lab File: VL041654.D
 Acq: 10 Oct 2024 22:40

Tgt Ion: 95 Resp: 1852386
 Ion Ratio Lower Upper
 95 100
 174 71.0 55.8 83.8
 175 5.1 4.1 6.1

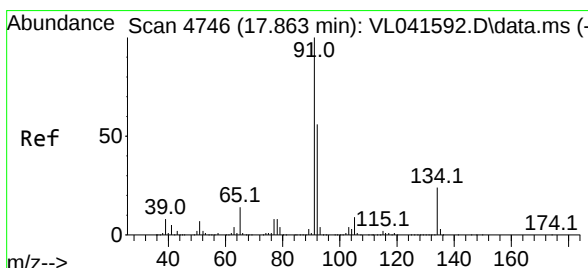
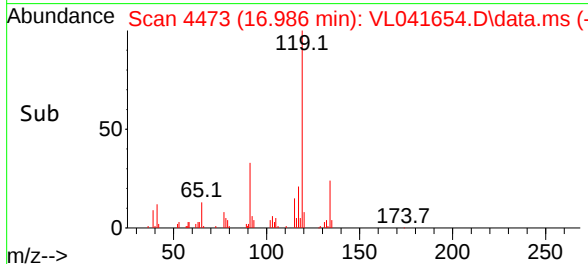
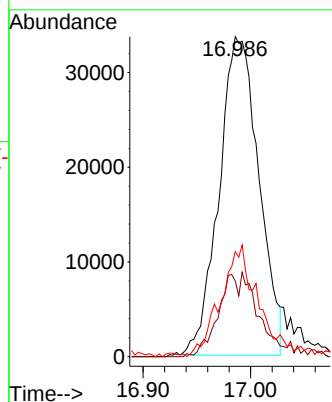
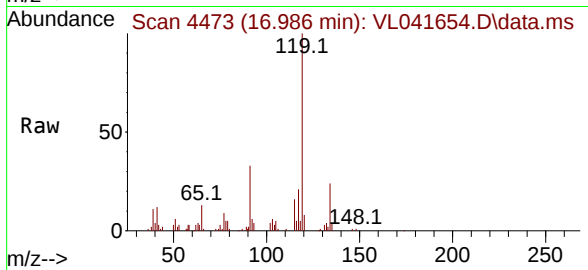




#69
p-Isopropyltoluene
Concen: 0.249 ppbv
RT: 16.986 min Scan# 4469
Delta R.T. 0.013 min
Lab File: VL041654.D
Acq: 10 Oct 2024 22:40

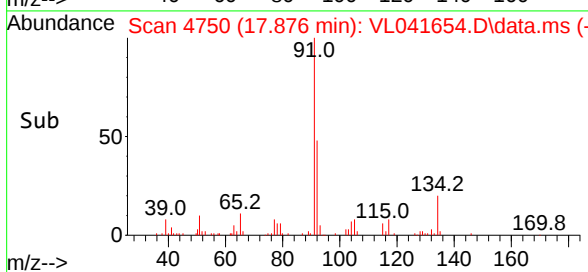
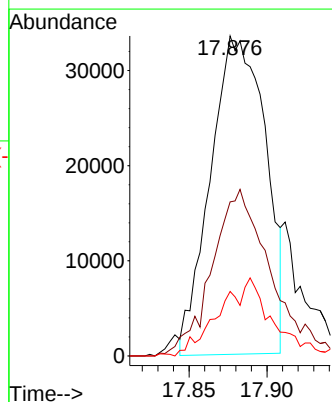
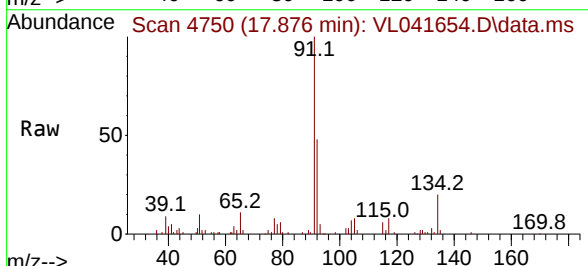
Instrument :
MSVOA_1
ClientSampleId :

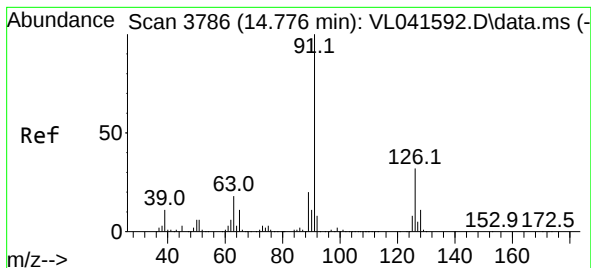
Tgt Ion:119 Resp: 86675
Ion Ratio Lower Upper
119 100
134 27.6 20.5 30.7
91 34.4 23.1 34.7



#70
n-Butylbenzene
Concen: 0.226 ppbv
RT: 17.876 min Scan# 4750
Delta R.T. 0.013 min
Lab File: VL041654.D
Acq: 10 Oct 2024 22:40

Tgt Ion: 91 Resp: 82305
Ion Ratio Lower Upper
91 100
92 56.3 43.2 64.8
134 24.1 18.6 27.8





#71

2-Chlorotoluene

Concen: 0.269 ppbv

RT: 14.790 min Scan# 31

Delta R.T. 0.013 min

Lab File: VL041654.D

Acq: 10 Oct 2024 22:40

Instrument :

MSVOA_L

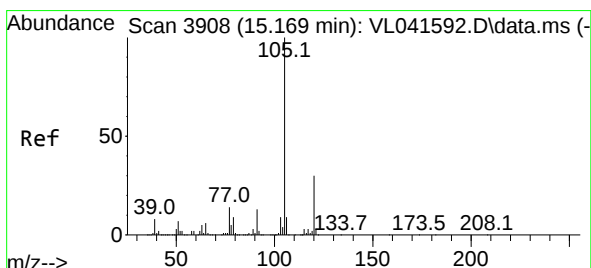
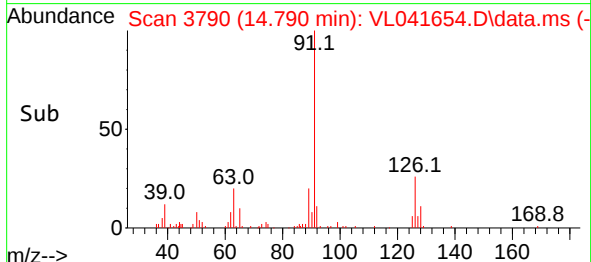
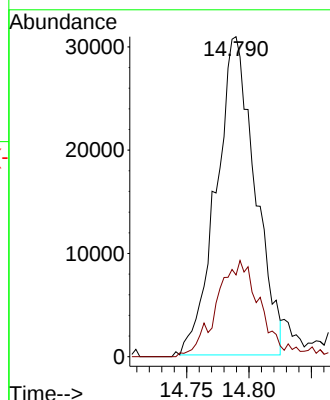
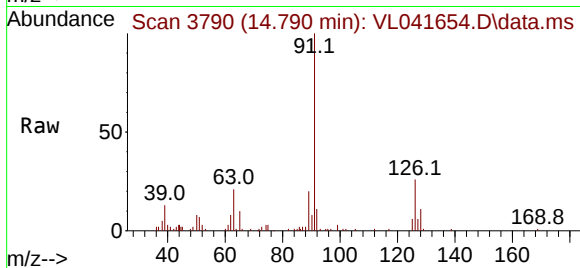
ClientSampleId :

Tgt Ion: 91 Resp: 66818

Ion Ratio Lower Upper

91 100

126 35.3 12.9 51.5



#72

4-Ethyltoluene

Concen: 0.205 ppbv

RT: 15.182 min Scan# 3912

Delta R.T. 0.013 min

Lab File: VL041654.D

Acq: 10 Oct 2024 22:40

Tgt Ion:105 Resp: 53386

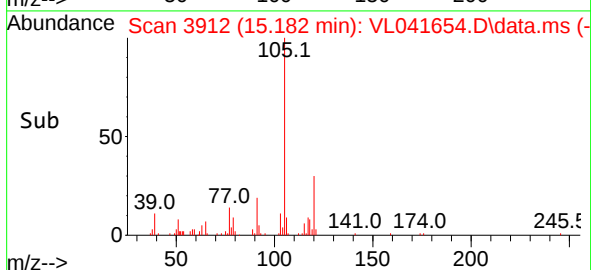
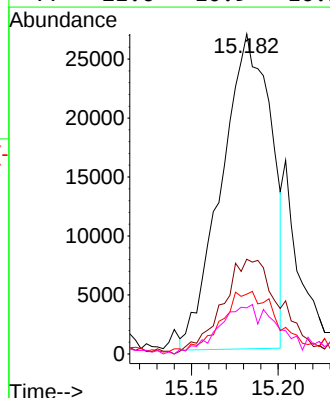
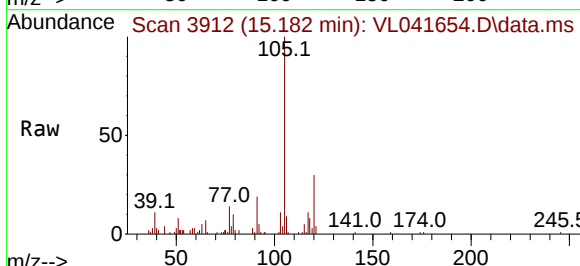
Ion Ratio Lower Upper

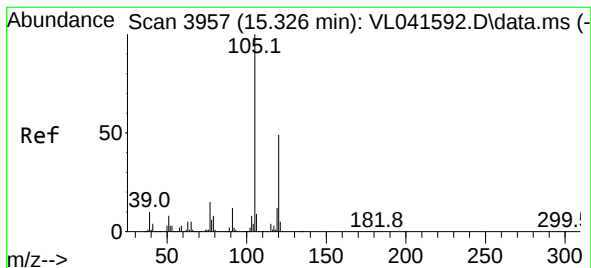
105 100

120 37.4 24.1 36.1#

91 24.5 10.2 15.2#

77 21.6 10.9 16.3#





#73

1,3,5-Trimethylbenzene

Concen: 0.247 ppbv

RT: 15.339 min Scan# 3957

Delta R.T. 0.013 min

Lab File: VL041654.D

Acq: 10 Oct 2024 22:40

Instrument :

MSVOA_L

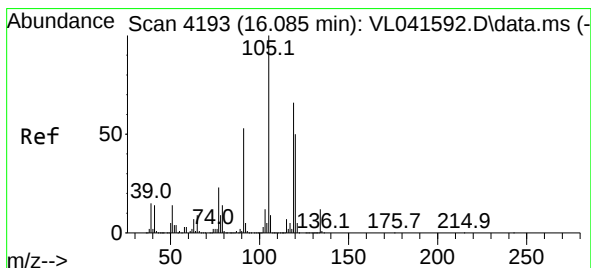
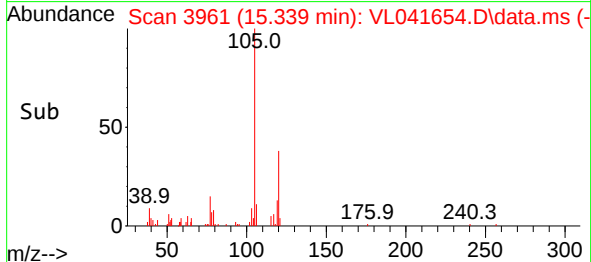
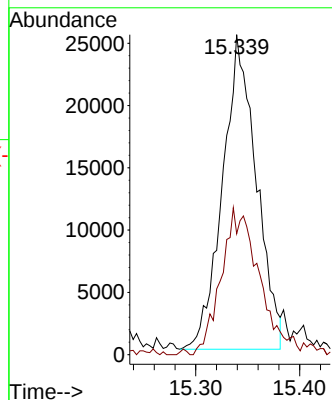
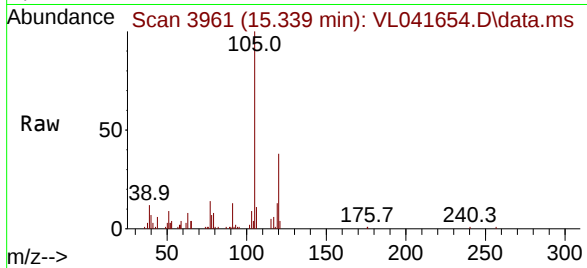
ClientSampleId :

Tgt Ion:105 Resp: 56955

Ion Ratio Lower Upper

105 100

120 41.5 39.4 59.0



#74

1,2,4-Trimethylbenzene

Concen: 0.284 ppbv

RT: 16.101 min Scan# 4198

Delta R.T. 0.016 min

Lab File: VL041654.D

Acq: 10 Oct 2024 22:40

Tgt Ion:105 Resp: 76426

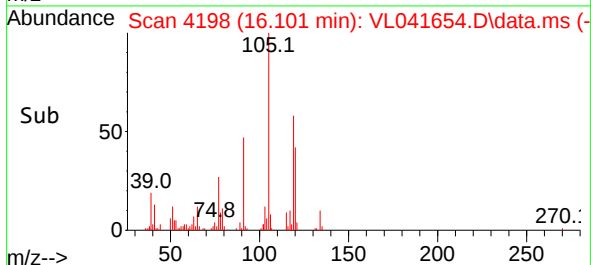
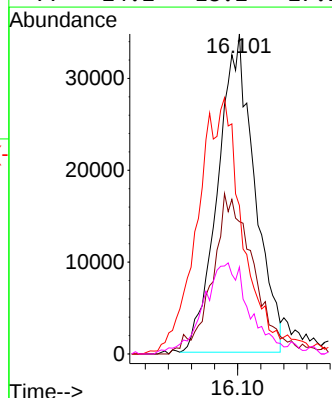
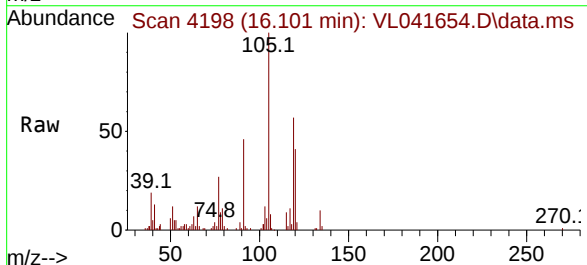
Ion Ratio Lower Upper

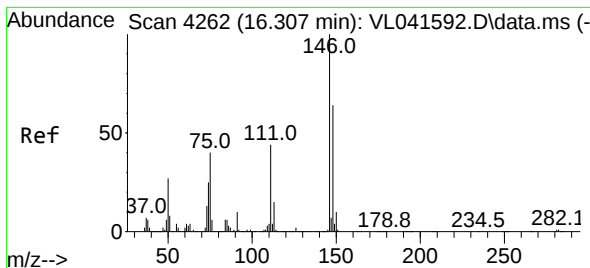
105 100

120 39.8 39.9 59.9#

91 42.0 42.6 63.8#

77 24.2 18.2 27.2





#75

1,3-Dichlorobenzene

Concen: 0.129 ppbv

RT: 16.314 min Scan# 4310

Delta R.T. 0.007 min

Lab File: VL041654.D

Acq: 10 Oct 2024 22:40

Instrument :

MSVOA_L

ClientSampleId :

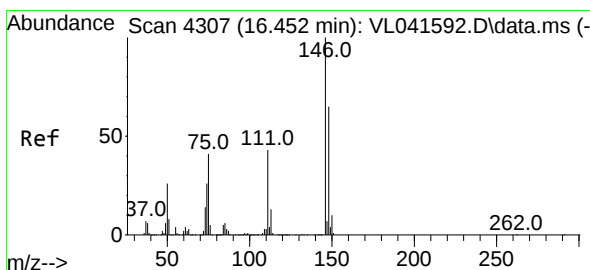
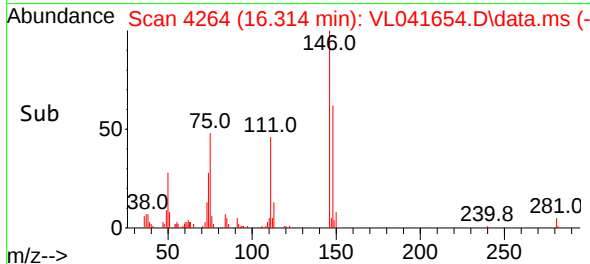
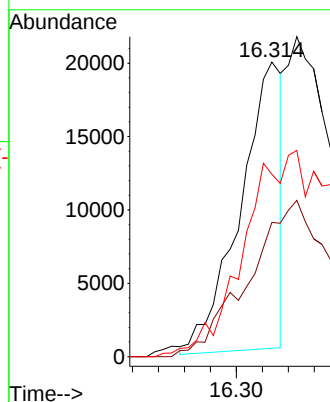
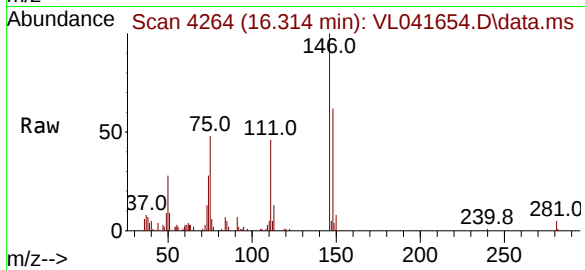
Tgt Ion:146 Resp: 21828

Ion Ratio Lower Upper

146 100

111 0.0 22.4 67.0#

148 0.0 32.1 96.5#



#76

1,4-Dichlorobenzene

Concen: 0.207 ppbv

RT: 16.462 min Scan# 4310

Delta R.T. 0.010 min

Lab File: VL041654.D

Acq: 10 Oct 2024 22:40

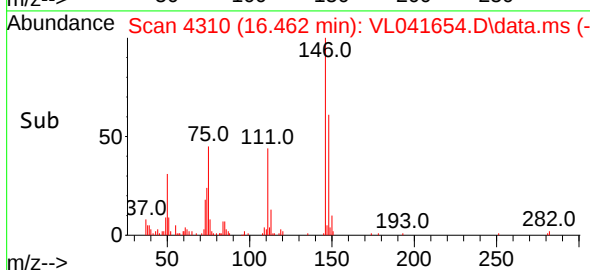
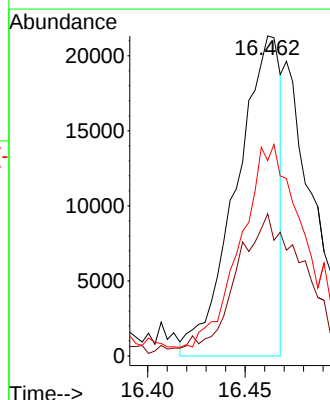
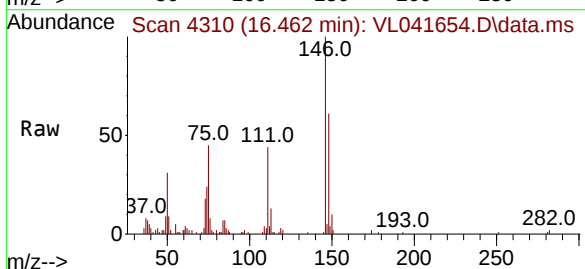
Tgt Ion:146 Resp: 33562

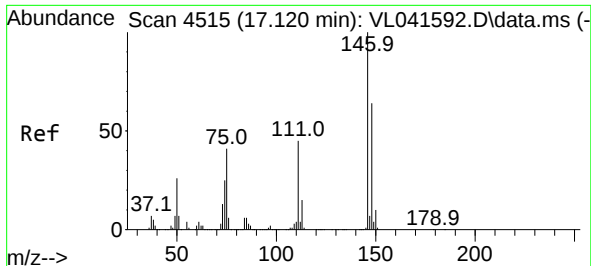
Ion Ratio Lower Upper

146 100

111 78.4 22.4 67.3#

148 114.7 32.8 98.4#

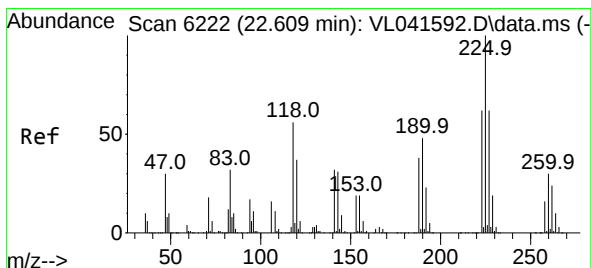
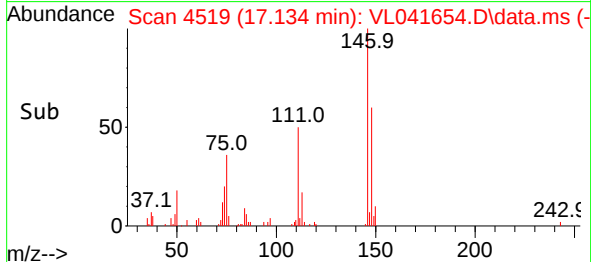
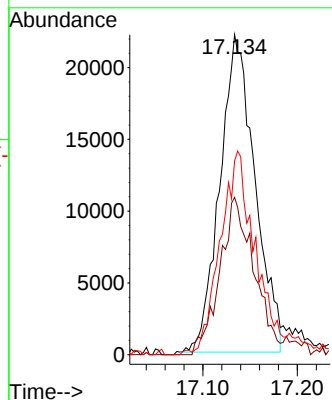
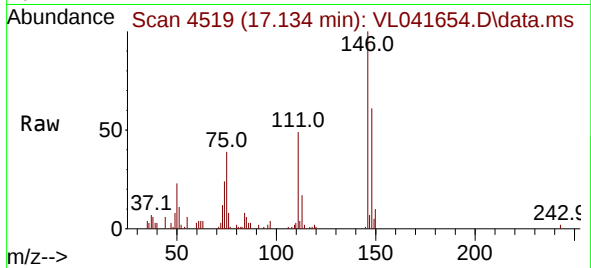




#77
1,2-Dichlorobenzene
Concen: 0.342 ppbv
RT: 17.134 min Scan# 4515
Delta R.T. 0.013 min
Lab File: VL041654.D
Acq: 10 Oct 2024 22:40

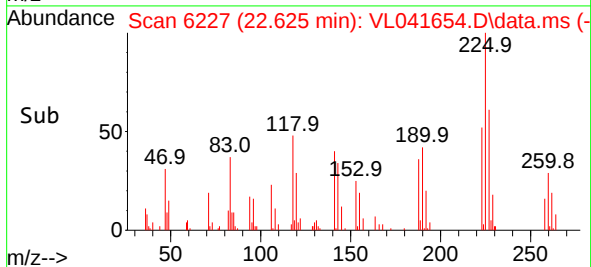
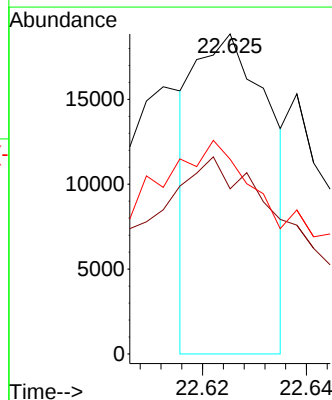
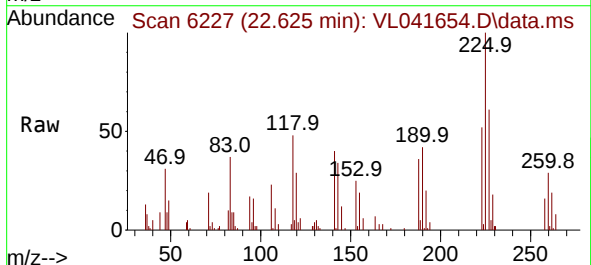
Instrument :
MSVOA_L
ClientSampleId :

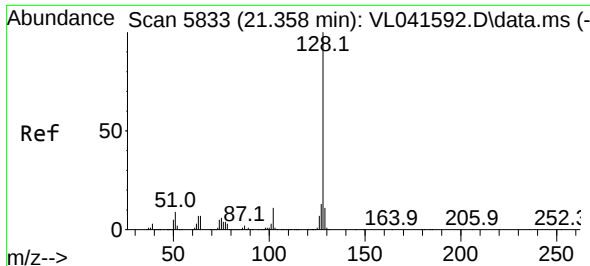
Tgt Ion:146 Resp: 56981
Ion Ratio Lower Upper
146 100
111 51.5 23.4 70.0
148 68.2 32.5 97.4



#78
Hexachloro-1,3-Butadiene
Concen: 0.139 ppbv
RT: 22.625 min Scan# 6227
Delta R.T. 0.016 min
Lab File: VL041654.D
Acq: 10 Oct 2024 22:40

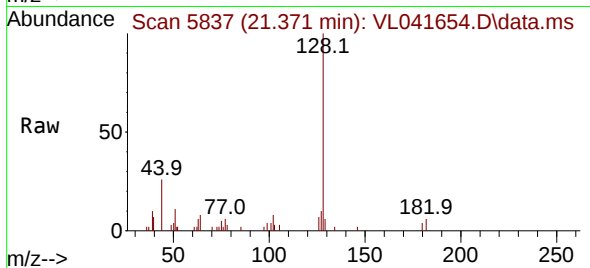
Tgt Ion:225 Resp: 19094
Ion Ratio Lower Upper
225 100
223 173.1 50.6 75.8#
227 185.5 50.9 76.3#



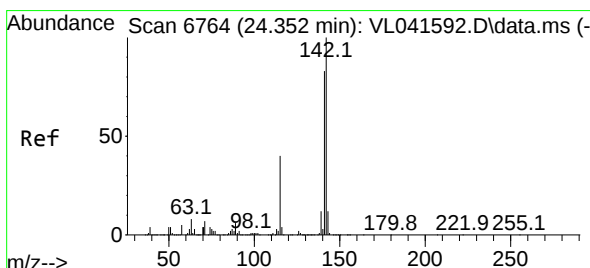
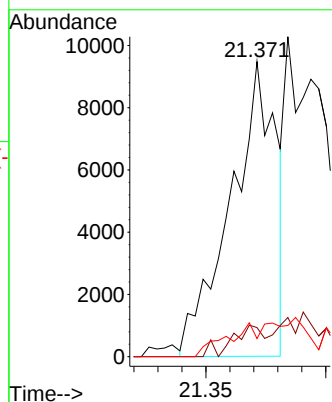
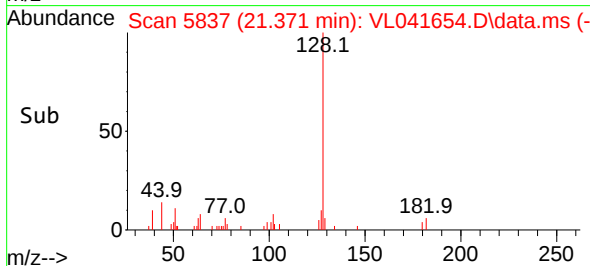


#79
Naphthalene
Concen: 0.062 ppbv
RT: 21.371 min Scan# 5837
Delta R.T. 0.013 min
Lab File: VL041654.D
Acq: 10 Oct 2024 22:40

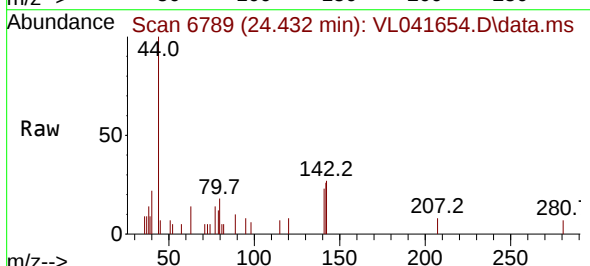
Instrument :
MSVOA_L
ClientSampleId :



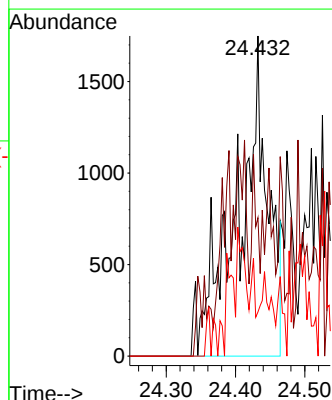
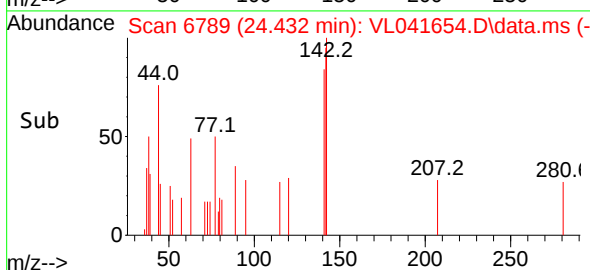
Tgt Ion:128 Resp: 12382
Ion Ratio Lower Upper
128 100
127 10.1 10.1 15.1#
129 6.3 9.1 13.7#

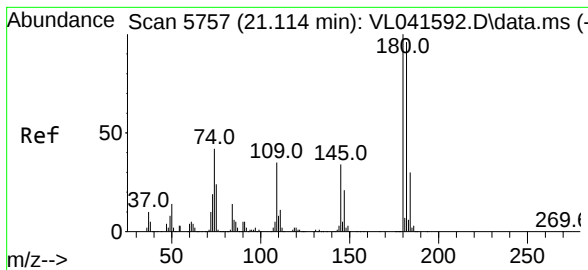


#80
Naphthalene,2-methyl-
Concen: 0.038 ppbv
RT: 24.432 min Scan# 6789
Delta R.T. 0.081 min
Lab File: VL041654.D
Acq: 10 Oct 2024 22:40



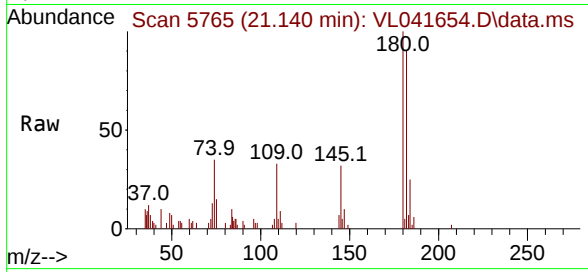
Tgt Ion:142 Resp: 5242
Ion Ratio Lower Upper
142 100
141 67.1 66.3 99.5
115 41.1 31.4 47.2





#81
 1,2,4-Trichlorobenzene
 Concen: 0.099 ppbv
 RT: 21.140 min Scan# 51
 Delta R.T. 0.026 min
 Lab File: VL041654.D
 Acq: 10 Oct 2024 22:40

Instrument :
 MSVOA_L
 ClientSampleId :



Tgt Ion:180 Resp: 12498
 Ion Ratio Lower Upper
 180 100
 182 184.2 76.5 114.7#
 184 60.0 24.7 37.1#

