

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL092524\
 Data File : VL041628.D
 Acq On : 25 Sep 2024 17:57
 Operator : SY/MD
 Sample : P4199-01 4X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :

Quant Time: Sep 26 01:22:58 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	5.172	49	1042778	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.635	114	2753078	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.449	117	2544295	10.000	ppbv	0.00

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.760	95	1880097	10.038	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	100.400%

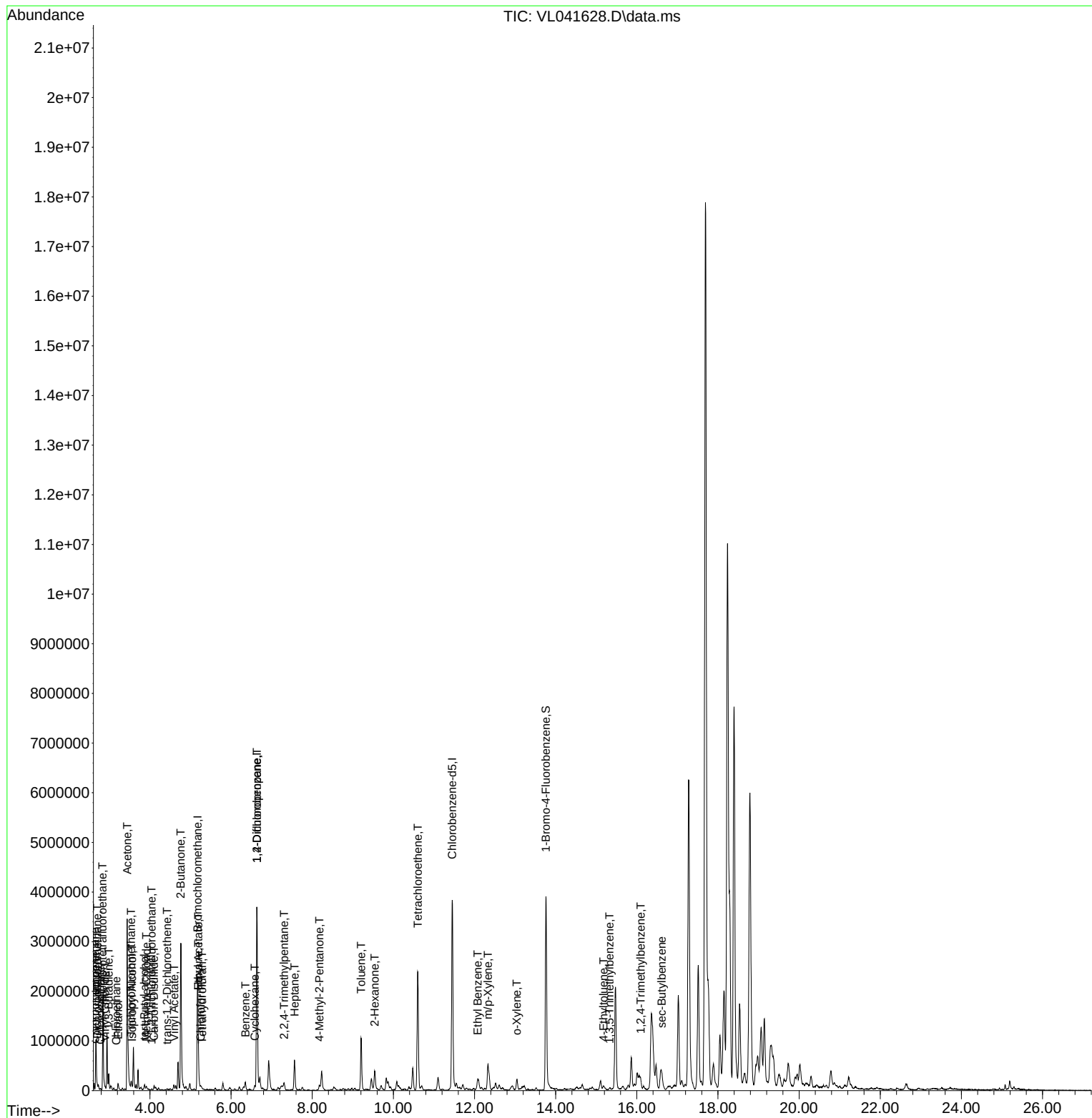
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.700	85	42183	0.280	ppbv	90
3) Chlorodifluoromethane	2.648	51	9922	0.078	ppbv #	85
4) Chloromethane	2.783	50	15289	0.220	ppbv	97
5) Vinyl Chloride	2.893	62	2758	0.046	ppbv	90
7) Chloroethane	3.172	64	1485	0.063	ppbv	94
8) Dichlorotetrafluoroethane	2.832	85	9211	0.058	ppbv	92
9) Propene	2.668	41	361588	6.778	ppbv	97
10) Heptane	7.565	43	238875	1.912	ppbv	99
11) Trichlorofluoromethane	3.536	101	80383	0.502	ppbv	96
12) 1,1,2-Trichlorotrifluo...	4.041	101	7503	0.065	ppbv	97
13) Ethanol	3.217	45	127562	31.804	ppbv	98
15) Acetone	3.439	43	3473232	26.531	ppbv #	86
16) 1,3-Butadiene	2.983	39	49066	0.771	ppbv #	10
17) tert-Butyl alcohol	3.867	59	61003	0.530	ppbv	96
19) Isopropyl Alcohol	3.562	45	30640	0.457	ppbv #	92
20) Methylene Chloride	3.909	84	21097	0.429	ppbv #	80
22) trans-1,2-Dichloroethene	4.423	96	1732	0.035	ppbv #	76
23) Vinyl Acetate	4.597	43	66474	0.923	ppbv #	70
25) Ethyl Acetate	5.192	43	141285	0.601	ppbv #	83
26) Hexane	5.192	57	174378	1.779	ppbv #	38
27) Carbon Disulfide	4.102	76	91194	0.875	ppbv #	89
29) Chloroform	5.253	83	14344	0.089	ppbv	89
30) Cyclohexane	6.584	84	14048	0.186	ppbv #	26
34) 2-Butanone	4.761	43	3491583	26.597	ppbv	98
36) Benzene	6.352	78	124888	0.653	ppbv	94
39) 1,2-Dichloropropane	6.635	63	681884	8.766	ppbv #	24
41) Tetrahydrofuran	5.285	42	2768	0.038	ppbv #	59
44) 2,2,4-Trimethylpentane	7.311	57	54522	0.165	ppbv #	19
50) 4-Methyl-2-Pentanone	8.175	43	37273	0.184	ppbv #	55
51) 2-Hexanone	9.542	43	338027	2.204	ppbv #	95
52) Tetrachloroethene	10.603	164	612628	8.849	ppbv	96
53) Toluene	9.204	91	792738	3.906	ppbv	98
58) Ethyl Benzene	12.076	91	144884	0.532	ppbv	97
59) m/p-Xylene	12.333	91	546655	2.255	ppbv	97
60) o-Xylene	13.040	91	69234	0.298	ppbv #	30
67) sec-Butylbenzene	16.616	105	13834	0.031	ppbv #	58
72) 4-Ethyltoluene	15.178	105	55206	0.203	ppbv #	92
73) 1,3,5-Trimethylbenzene	15.330	105	11932	0.050	ppbv	90
74) 1,2,4-Trimethylbenzene	16.095	105	141805	0.505	ppbv #	67

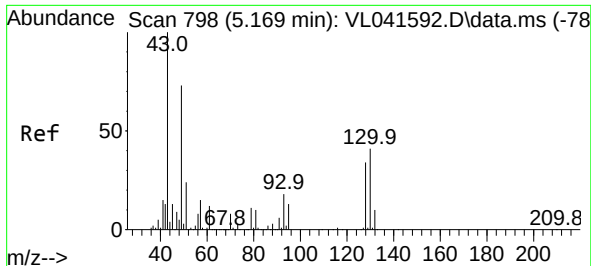
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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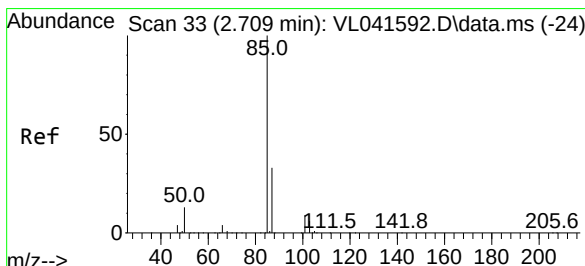
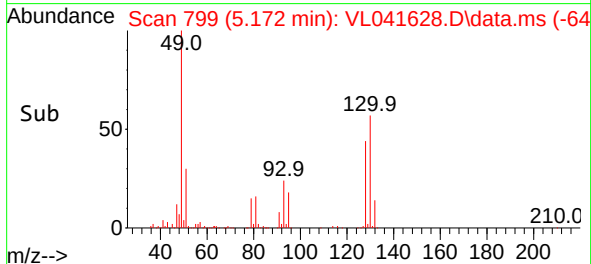
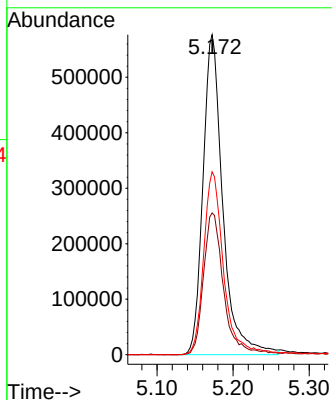
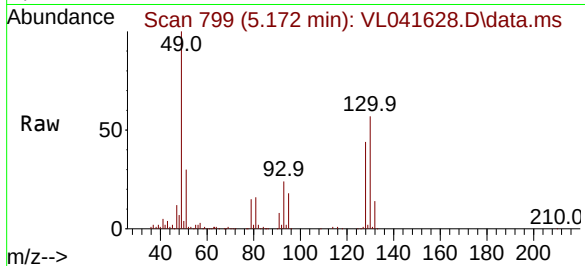




#1
 Bromochloromethane
 Concen: 10.000 ppbv
 RT: 5.172 min Scan# 798
 Delta R.T. 0.003 min
 Lab File: VL041628.D
 Acq: 25 Sep 2024 17:57

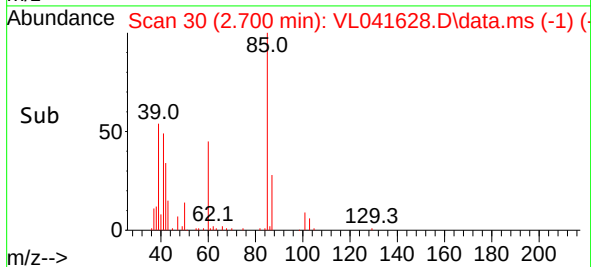
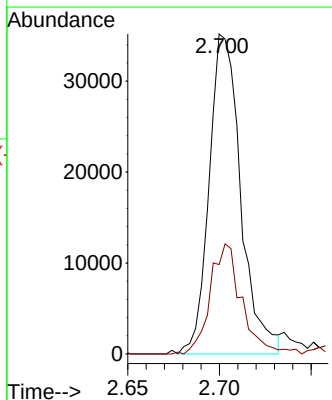
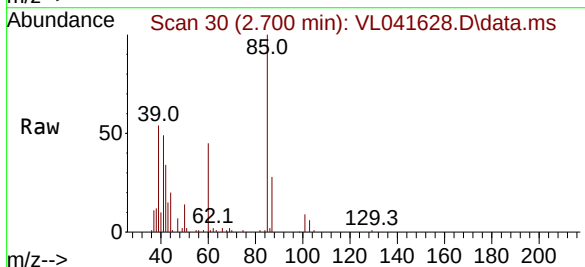
Instrument :
 MSVOA_L
 ClientSampleId :

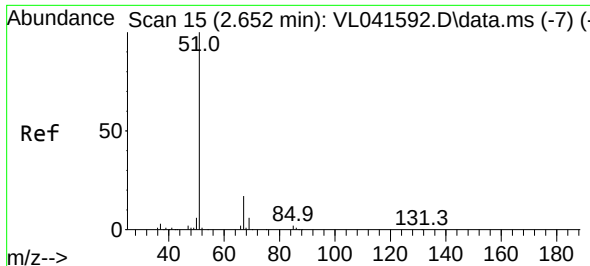
Tgt Ion: 49 Resp: 1042778
 Ion Ratio Lower Upper
 49 100
 128 45.7 23.8 71.5
 130 58.3 30.4 91.3



#2
 Dichlorodifluoromethane
 Concen: 0.280 ppbv
 RT: 2.700 min Scan# 30
 Delta R.T. -0.010 min
 Lab File: VL041628.D
 Acq: 25 Sep 2024 17:57

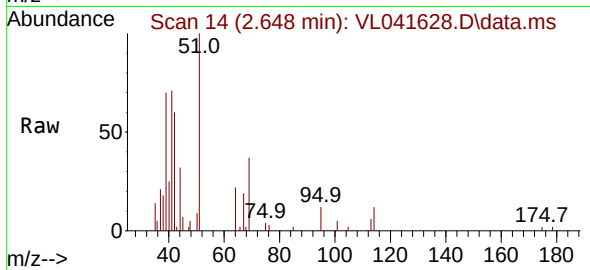
Tgt Ion: 85 Resp: 42183
 Ion Ratio Lower Upper
 85 100
 87 27.4 26.3 39.5



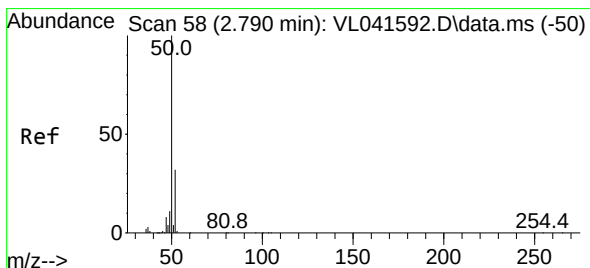
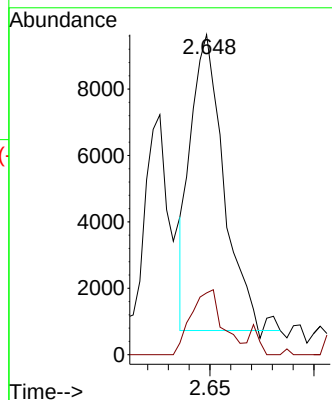
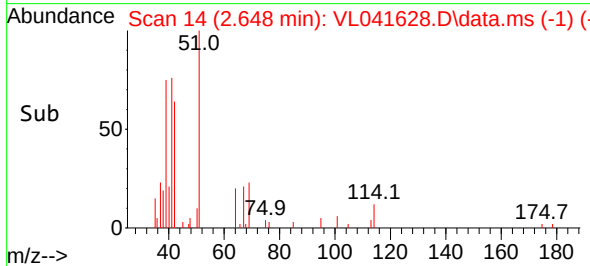


#3
Chlorodifluoromethane
Concen: 0.078 ppbv
RT: 2.648 min Scan# 14
Delta R.T. -0.003 min
Lab File: VL041628.D
Acq: 25 Sep 2024 17:57

Instrument :
MSVOA_L
ClientSampleId :

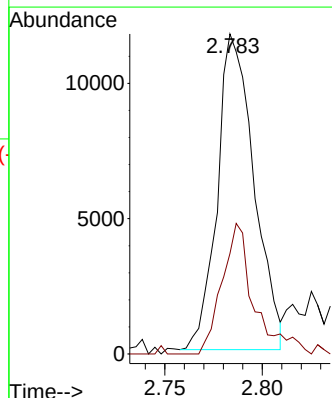
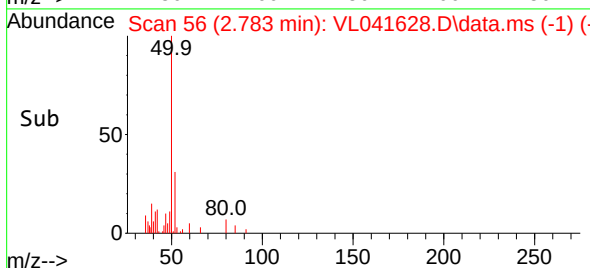
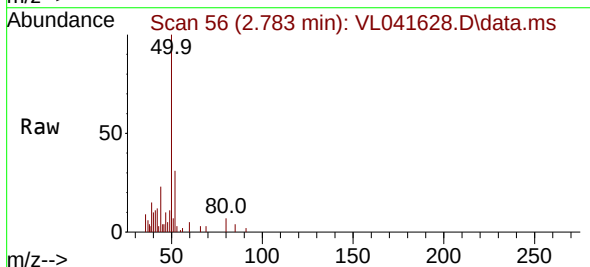


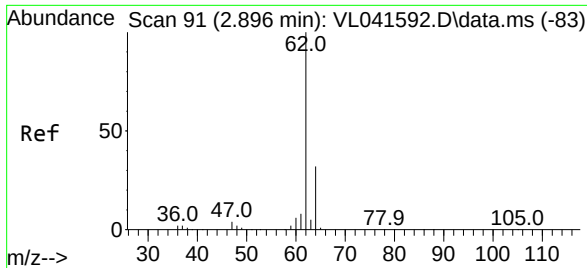
Tgt Ion: 51 Resp: 9922
Ion Ratio Lower Upper
51 100
67 24.3 14.1 21.1#



#4
Chloromethane
Concen: 0.220 ppbv
RT: 2.783 min Scan# 56
Delta R.T. -0.006 min
Lab File: VL041628.D
Acq: 25 Sep 2024 17:57

Tgt Ion: 50 Resp: 15289
Ion Ratio Lower Upper
50 100
52 33.4 25.4 38.2

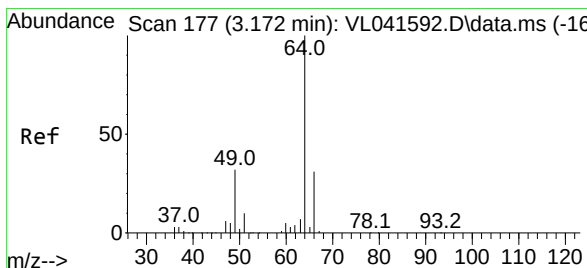
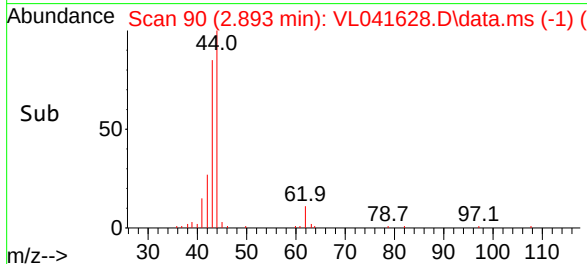
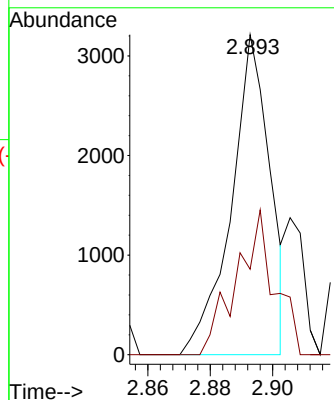
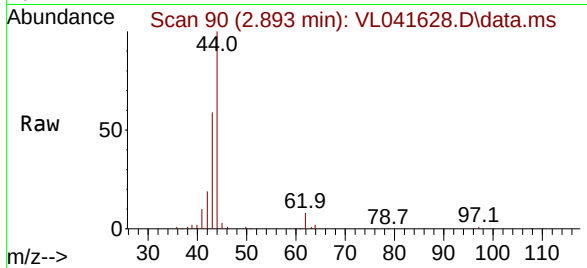




#5
 Vinyl Chloride
 Concen: 0.046 ppbv
 RT: 2.893 min Scan# 90
 Delta R.T. -0.003 min
 Lab File: VL041628.D
 Acq: 25 Sep 2024 17:57

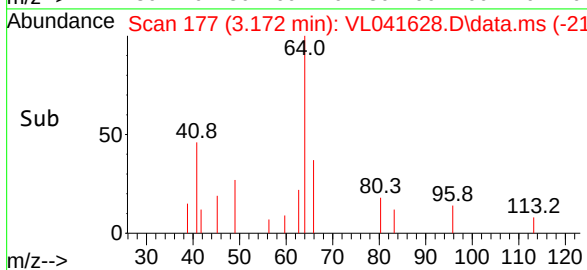
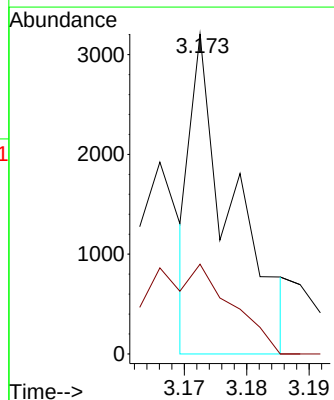
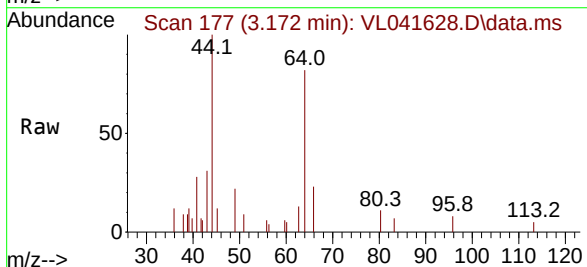
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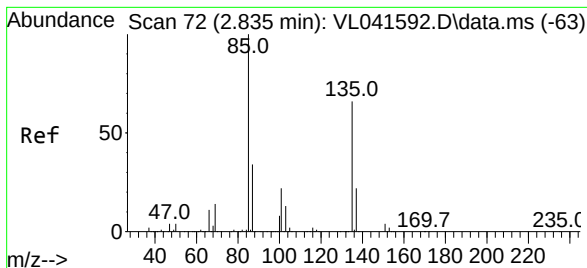
Tgt Ion: 62 Resp: 2758
 Ion Ratio Lower Upper
 62 100
 64 26.7 26.0 39.0



#7
 Chloroethane
 Concen: 0.063 ppbv
 RT: 3.172 min Scan# 177
 Delta R.T. 0.000 min
 Lab File: VL041628.D
 Acq: 25 Sep 2024 17:57

Tgt Ion: 64 Resp: 1485
 Ion Ratio Lower Upper
 64 100
 66 28.0 25.1 37.7

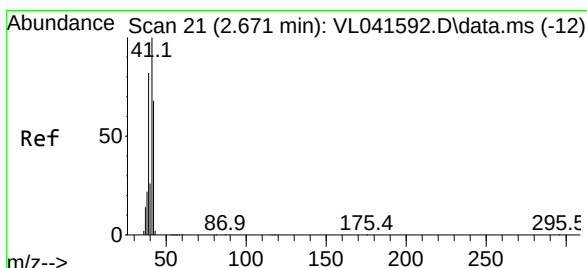
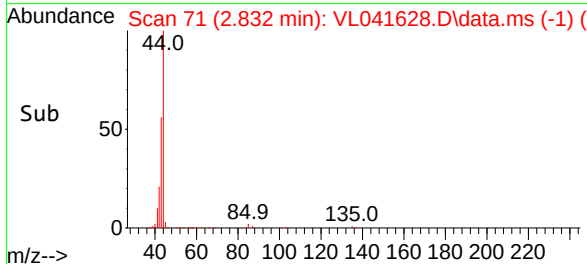
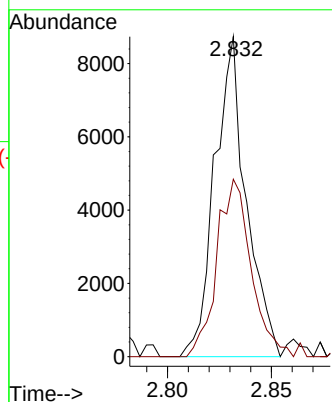
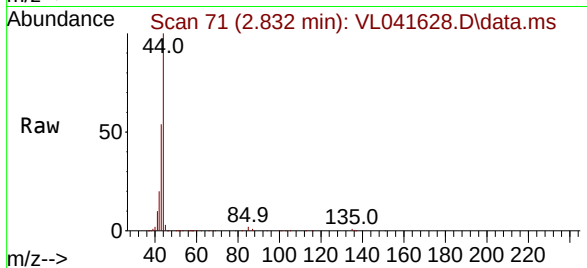




#8
 Dichlorotetrafluoroethane
 Concen: 0.058 ppbv
 RT: 2.832 min Scan# 71
 Delta R.T. -0.003 min
 Lab File: VL041628.D
 Acq: 25 Sep 2024 17:57

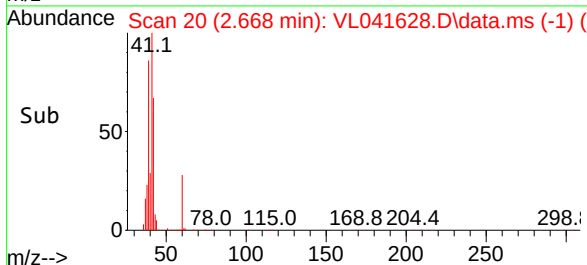
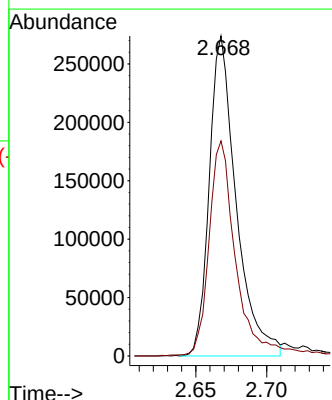
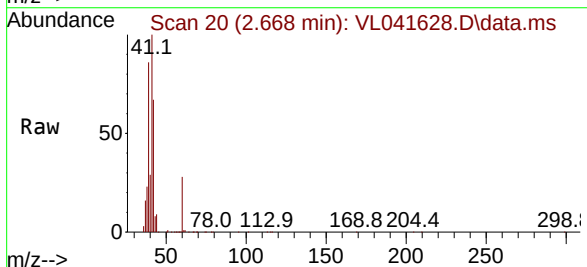
Instrument :
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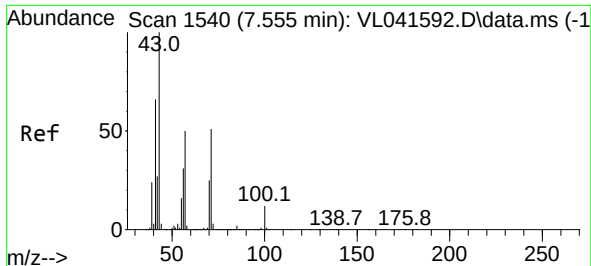
Tgt Ion: 85 Resp: 9211
 Ion Ratio Lower Upper
 85 100
 135 60.9 53.9 80.9



#9
 Propene
 Concen: 6.778 ppbv
 RT: 2.668 min Scan# 20
 Delta R.T. -0.003 min
 Lab File: VL041628.D
 Acq: 25 Sep 2024 17:57

Tgt Ion: 41 Resp: 361588
 Ion Ratio Lower Upper
 41 100
 42 66.5 55.2 82.8

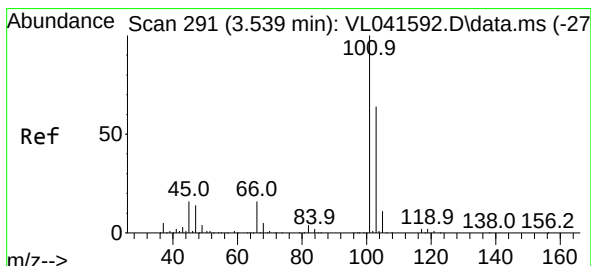
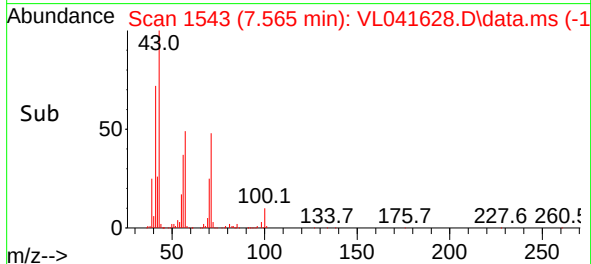
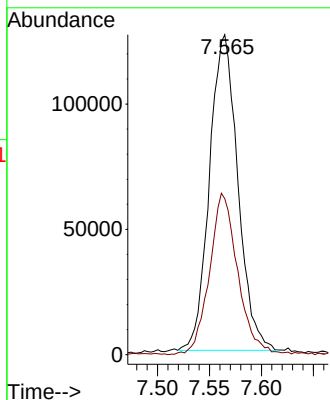
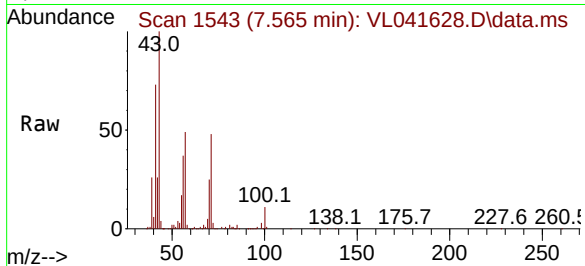




#10
Heptane
Concen: 1.912 ppbv
RT: 7.565 min Scan# 11
Delta R.T. 0.010 min
Lab File: VL041628.D
Acq: 25 Sep 2024 17:57

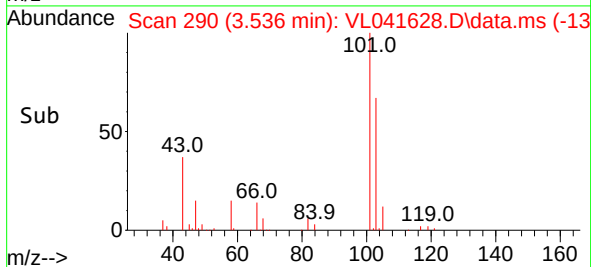
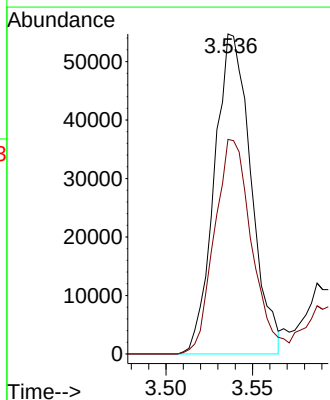
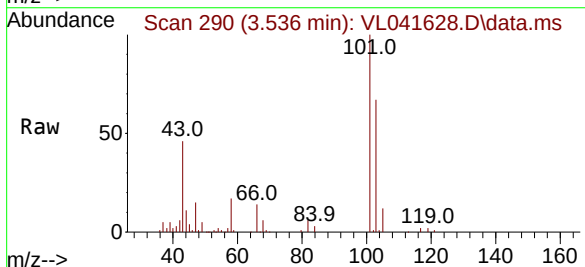
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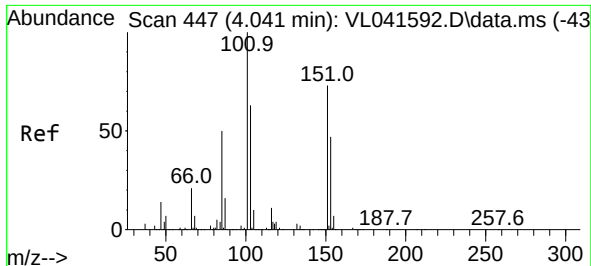
Tgt Ion: 43 Resp: 238875
Ion Ratio Lower Upper
43 100
57 50.7 39.8 59.8



#11
Trichlorofluoromethane
Concen: 0.502 ppbv
RT: 3.536 min Scan# 290
Delta R.T. -0.003 min
Lab File: VL041628.D
Acq: 25 Sep 2024 17:57

Tgt Ion: 101 Resp: 80383
Ion Ratio Lower Upper
101 100
103 67.1 51.2 76.8





#12

1,1,2-Trichlorotrifluoroethane

Concen: 0.065 ppbv

RT: 4.041 min Scan# 447

Delta R.T. 0.000 min

Lab File: VL041628.D

Acq: 25 Sep 2024 17:57

Instrument :

MSVOA_L

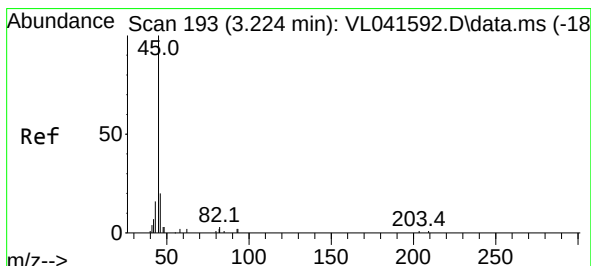
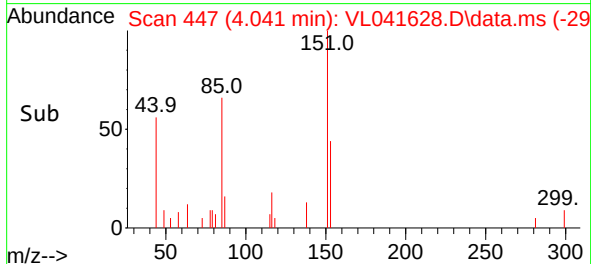
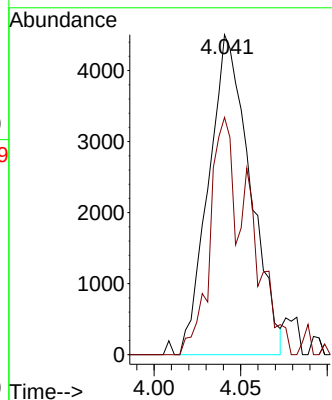
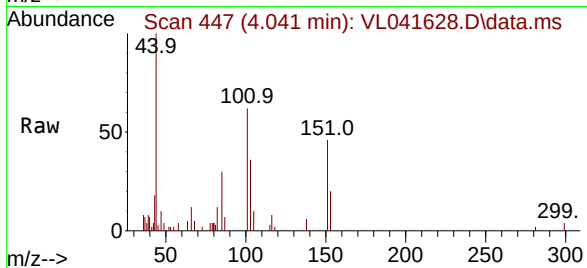
ClientSampleId :

Tgt Ion:101 Resp: 7503

Ion Ratio Lower Upper

101 100

151 71.5 59.4 89.2



#13

Ethanol

Concen: 31.804 ppbv

RT: 3.217 min Scan# 191

Delta R.T. -0.006 min

Lab File: VL041628.D

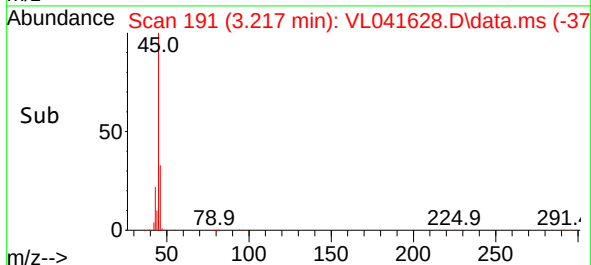
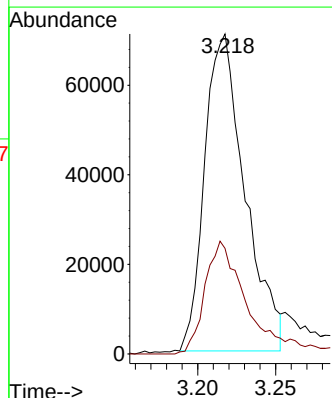
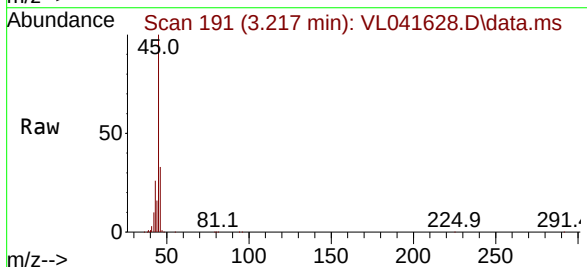
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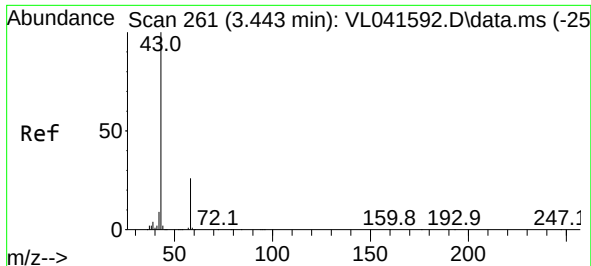
Tgt Ion: 45 Resp: 127562

Ion Ratio Lower Upper

45 100

46 39.2 15.2 60.8

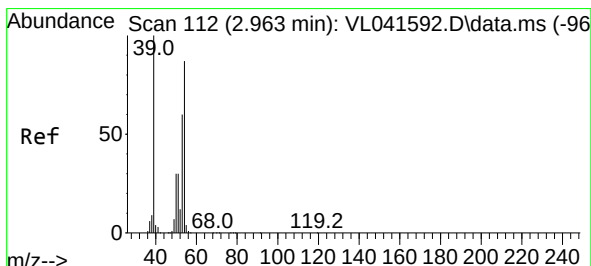
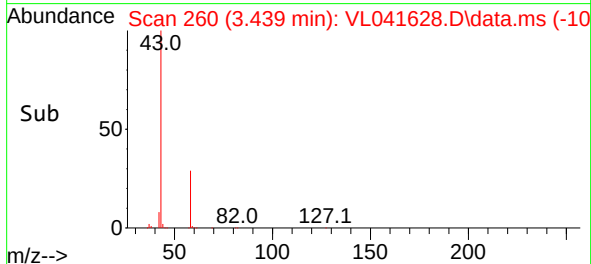
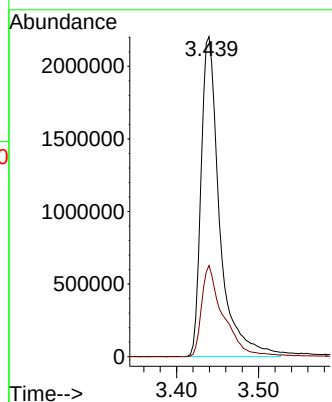
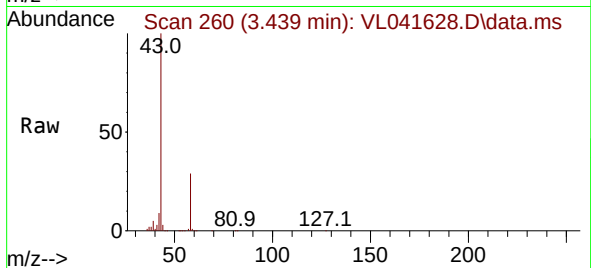




#15
Acetone
Concen: 26.531 ppbv
RT: 3.439 min Scan# 20
Delta R.T. -0.003 min
Lab File: VL041628.D
Acq: 25 Sep 2024 17:57

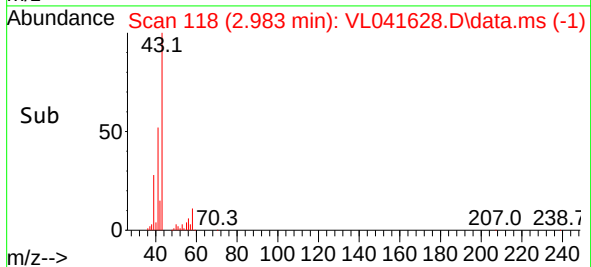
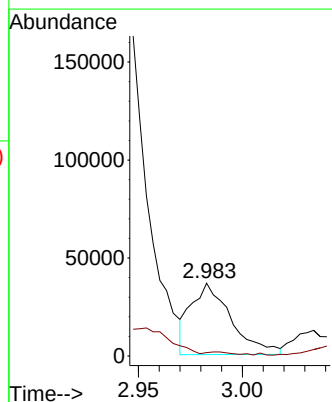
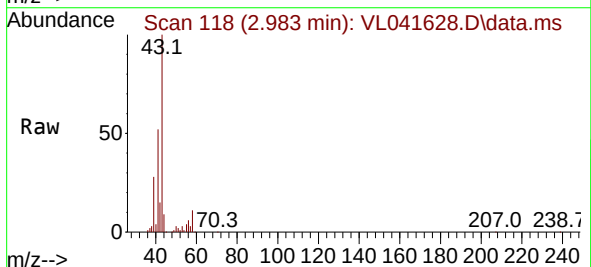
Instrument :
MSVOA_L
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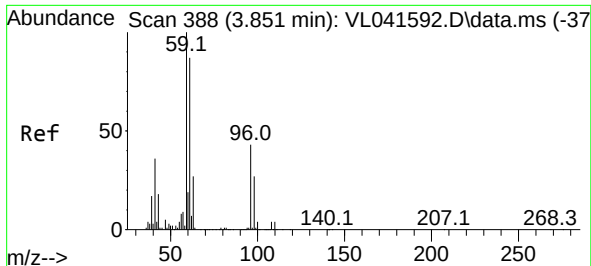
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Ion Ratio Lower Upper
43 100
58 33.9 21.5 32.3#



#16
1,3-Butadiene
Concen: 0.771 ppbv
RT: 2.983 min Scan# 118
Delta R.T. 0.019 min
Lab File: VL041628.D
Acq: 25 Sep 2024 17:57

Tgt Ion: 39 Resp: 49066
Ion Ratio Lower Upper
39 100
54 0.0 62.9 94.3#





#17

tert-Butyl alcohol

Concen: 0.530 ppbv

RT: 3.867 min Scan# 393

Delta R.T. 0.016 min

Lab File: VL041628.D

Acq: 25 Sep 2024 17:57

Instrument :

MSVOA_L

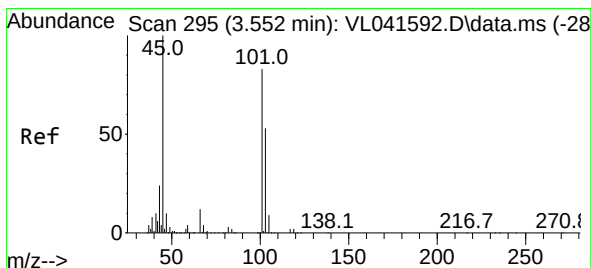
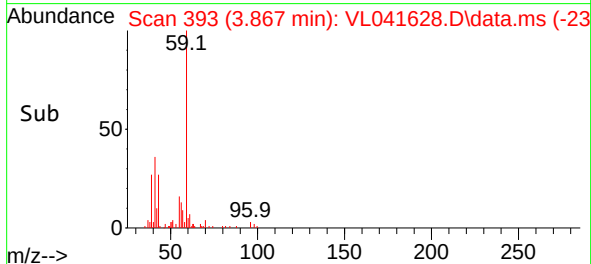
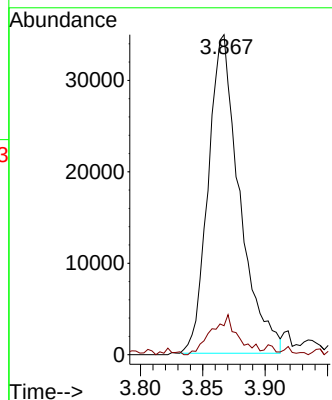
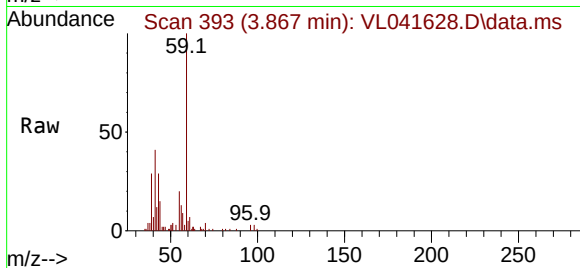
ClientSampleId :

Tgt Ion: 59 Resp: 61003

Ion Ratio Lower Upper

59 100

57 12.3 8.7 13.1



#19

Isopropyl Alcohol

Concen: 0.457 ppbv

RT: 3.562 min Scan# 298

Delta R.T. 0.010 min

Lab File: VL041628.D

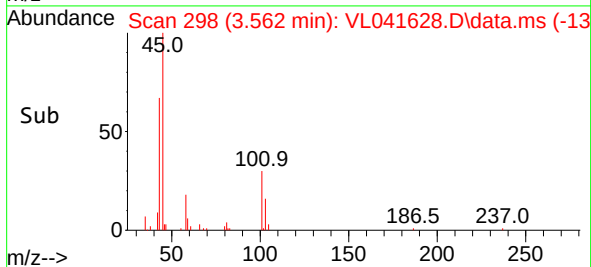
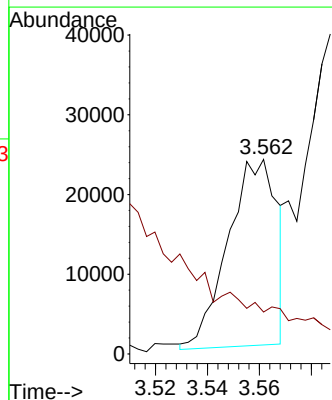
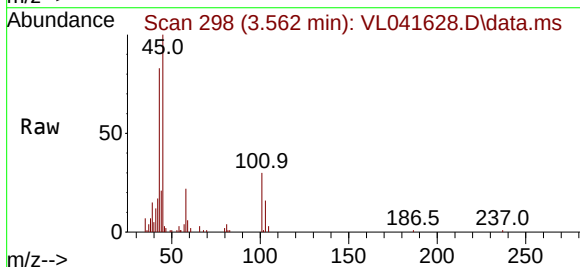
Acq: 25 Sep 2024 17:57

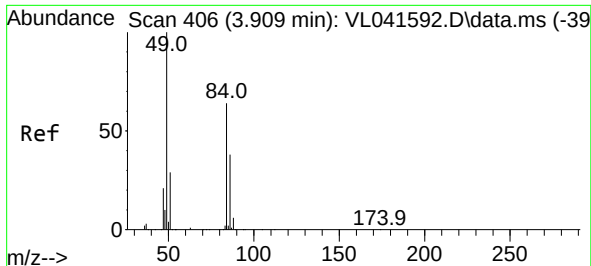
Tgt Ion: 45 Resp: 30640

Ion Ratio Lower Upper

45 100

58 0.0 2.1 3.1#





#20

Methylene Chloride

Concen: 0.429 ppbv

RT: 3.909 min Scan# 406

Delta R.T. 0.000 min

Lab File: VL041628.D

Acq: 25 Sep 2024 17:57

Instrument :

MSVOA_L

ClientSampleId :

Tgt Ion: 84 Resp: 21097

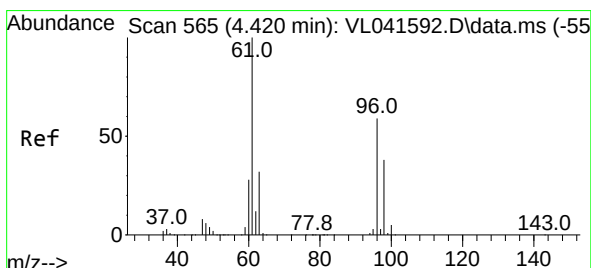
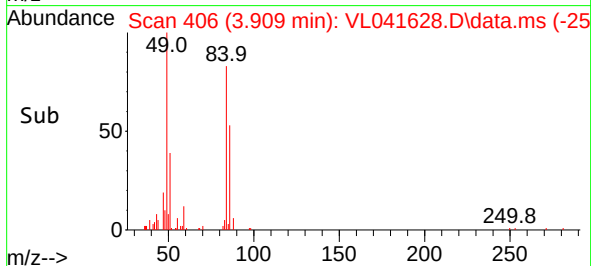
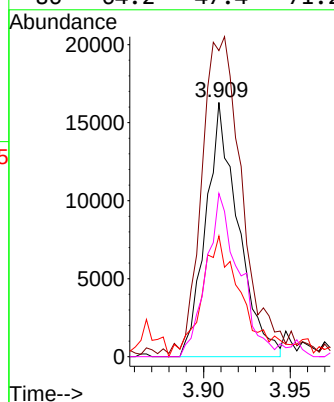
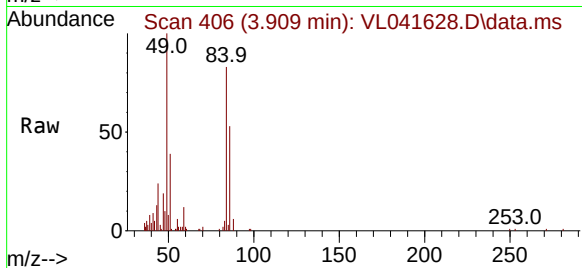
Ion Ratio Lower Upper

84 100

49 116.2 124.3 186.5#

51 45.6 36.3 54.5

86 64.2 47.4 71.2



#22

trans-1,2-Dichloroethene

Concen: 0.035 ppbv

RT: 4.423 min Scan# 566

Delta R.T. 0.003 min

Lab File: VL041628.D

Acq: 25 Sep 2024 17:57

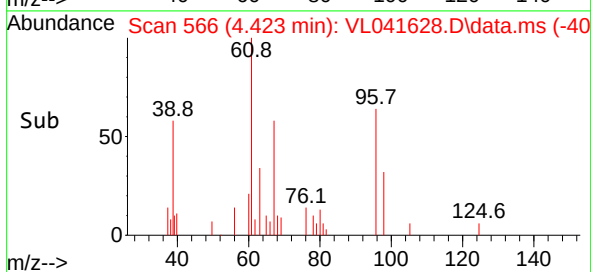
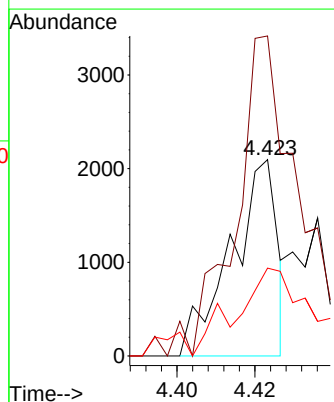
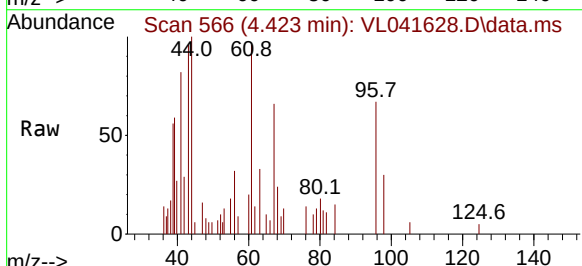
Tgt Ion: 96 Resp: 1732

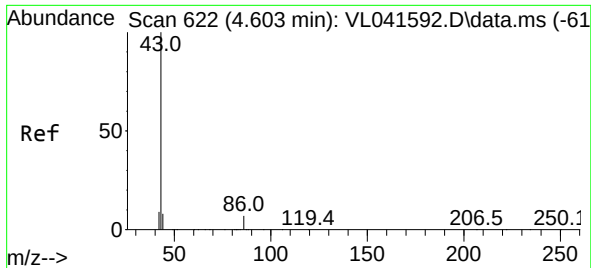
Ion Ratio Lower Upper

96 100

61 145.3 135.7 203.5

98 32.5 50.9 76.3#



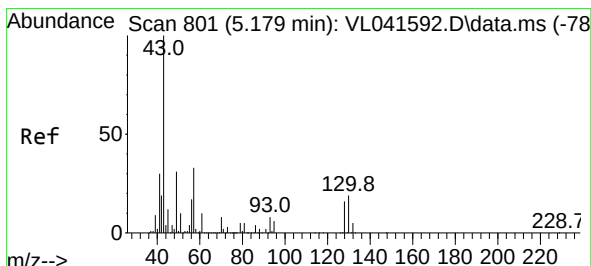
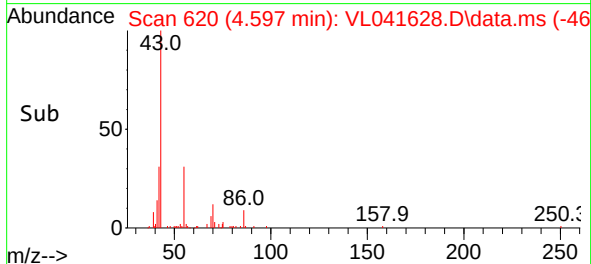
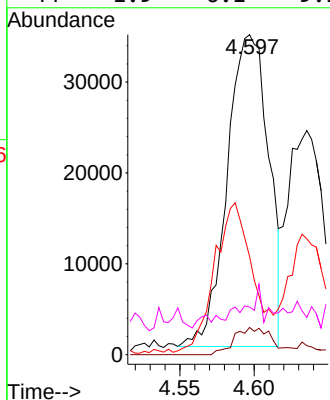
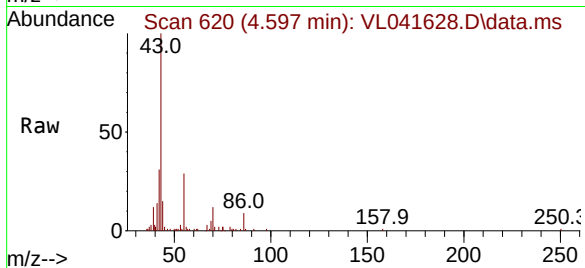


#23
 Vinyl Acetate
 Concen: 0.923 ppbv
 RT: 4.597 min Scan# 61
 Delta R.T. -0.006 min
 Lab File: VL041628.D
 Acq: 25 Sep 2024 17:57

Instrument :
 MSVOA_L
 ClientSampleId :

Tgt Ion: 43 Resp: 66474

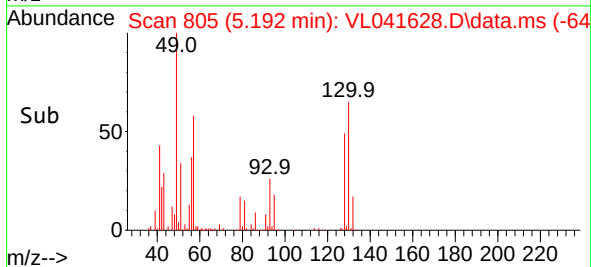
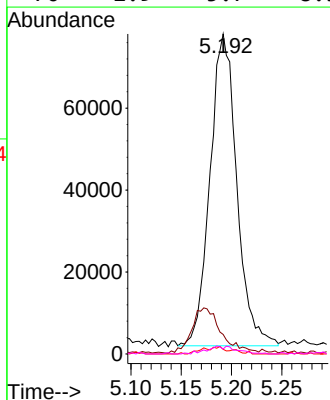
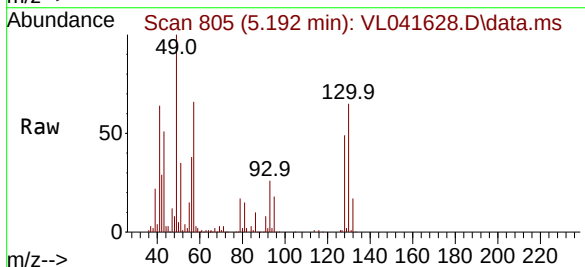
Ion	Ratio	Lower	Upper
43	100		
86	8.7	4.9	7.3#
42	30.3	8.0	12.0#
44	1.9	6.1	9.1#

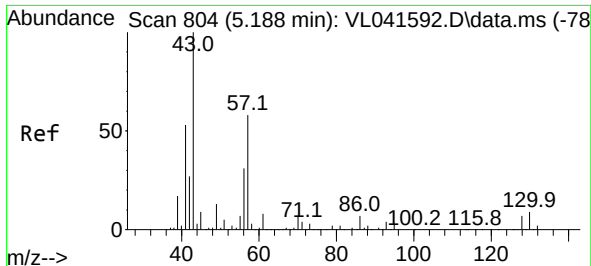


#25
 Ethyl Acetate
 Concen: 0.601 ppbv
 RT: 5.192 min Scan# 805
 Delta R.T. 0.013 min
 Lab File: VL041628.D
 Acq: 25 Sep 2024 17:57

Tgt Ion: 43 Resp: 141285

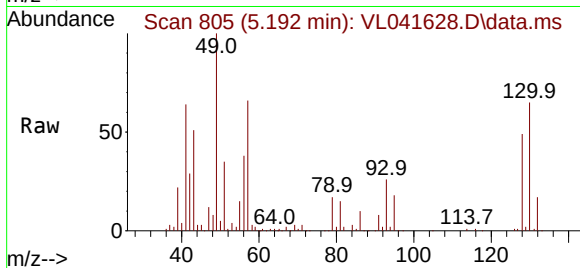
Ion	Ratio	Lower	Upper
43	100		
45	16.1	8.2	12.2#
61	2.5	8.0	12.0#
70	2.9	5.7	8.5#





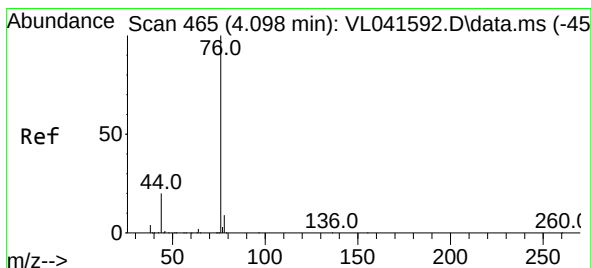
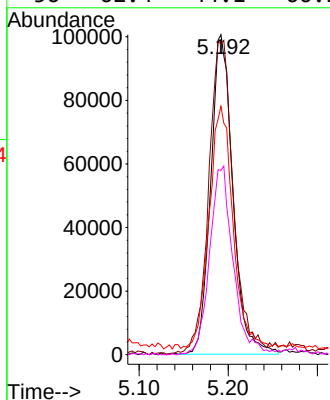
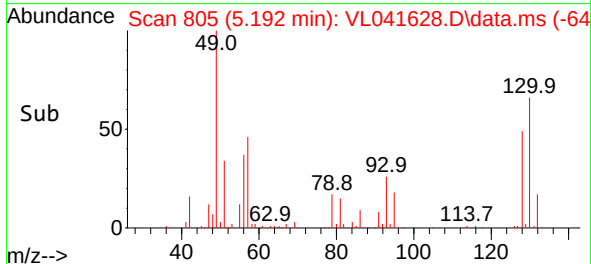
#26
Hexane
Concen: 1.779 ppbv
RT: 5.192 min Scan# 804
Delta R.T. 0.003 min
Lab File: VL041628.D
Acq: 25 Sep 2024 17:57

Instrument :
MSVOA_L
ClientSampleId :

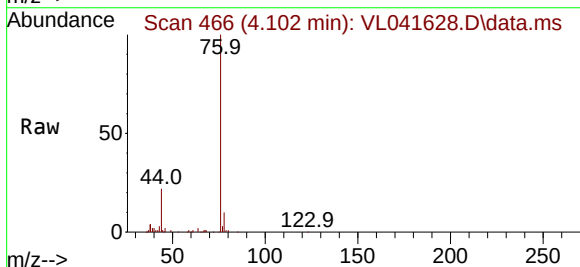


Tgt Ion: 57 Resp: 174378

Ion	Ratio	Lower	Upper
57	100		
41	109.3	75.7	113.5
43	90.2	198.5	297.7#
56	62.4	44.1	66.1

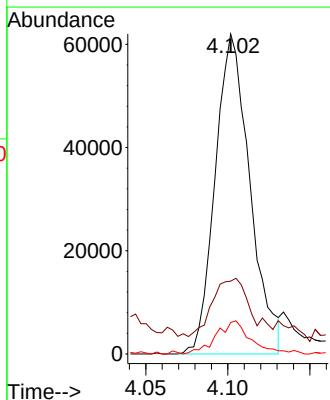
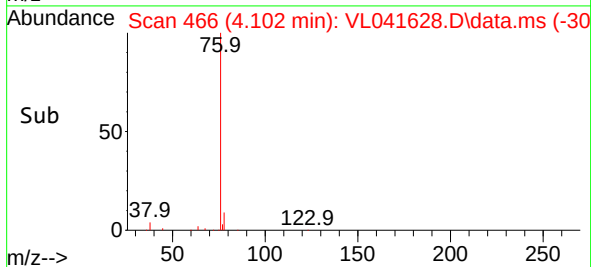


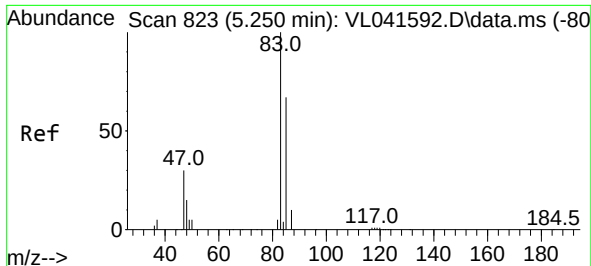
#27
Carbon Disulfide
Concen: 0.875 ppbv
RT: 4.102 min Scan# 466
Delta R.T. 0.003 min
Lab File: VL041628.D
Acq: 25 Sep 2024 17:57



Tgt Ion: 76 Resp: 91194

Ion	Ratio	Lower	Upper
76	100		
44	26.3	15.8	23.8#
78	11.1	7.5	11.3





#29

Chloroform

Concen: 0.089 ppbv

RT: 5.253 min Scan# 81

Delta R.T. 0.003 min

Lab File: VL041628.D

Acq: 25 Sep 2024 17:57

Instrument :

MSVOA_L

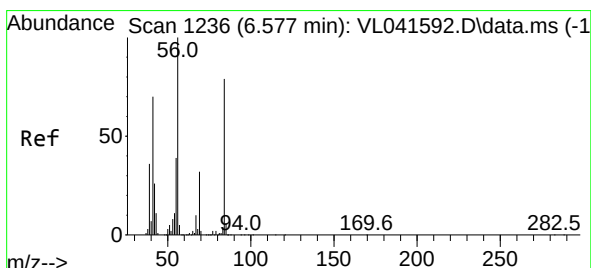
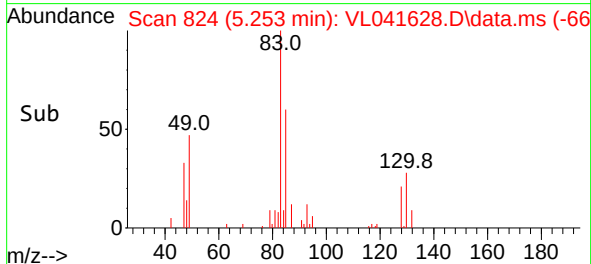
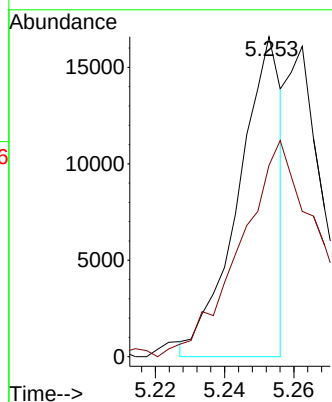
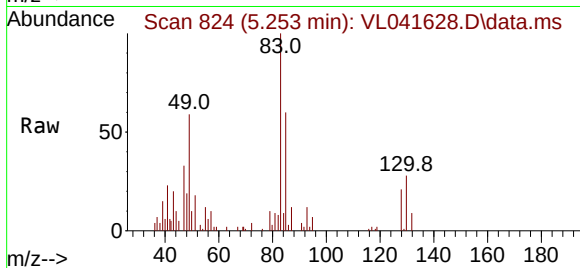
ClientSampleId :

Tgt Ion: 83 Resp: 14344

Ion Ratio Lower Upper

83 100

85 58.7 53.8 80.6



#30

Cyclohexane

Concen: 0.186 ppbv

RT: 6.584 min Scan# 1238

Delta R.T. 0.006 min

Lab File: VL041628.D

Acq: 25 Sep 2024 17:57

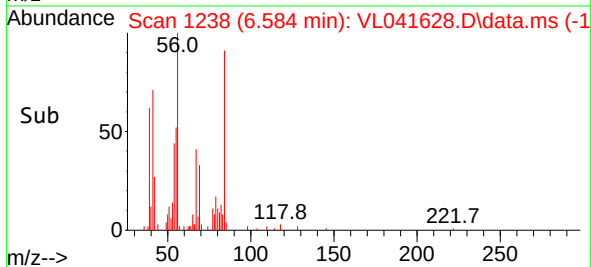
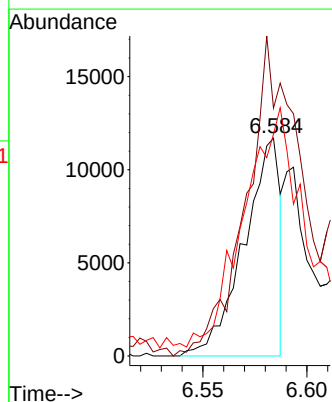
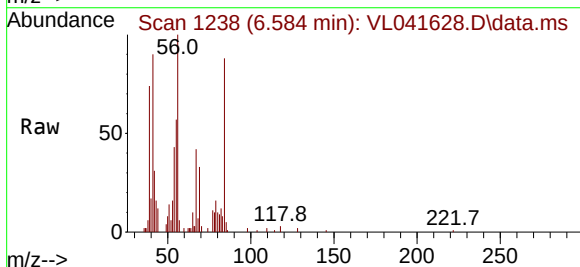
Tgt Ion: 84 Resp: 14048

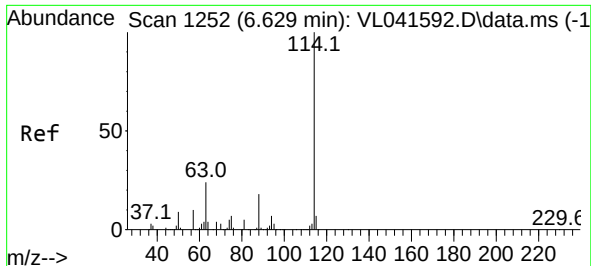
Ion Ratio Lower Upper

84 100

56 207.6 111.5 167.3#

41 183.4 70.9 106.3#

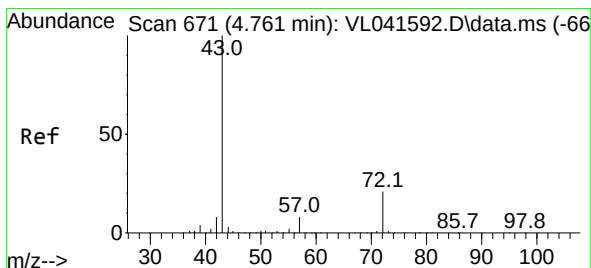
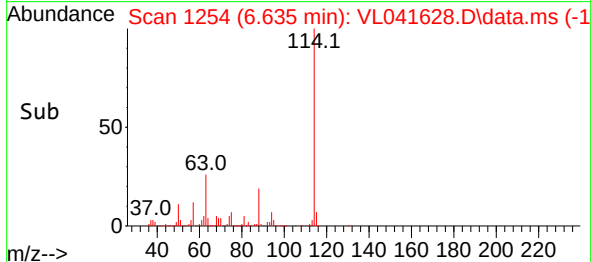
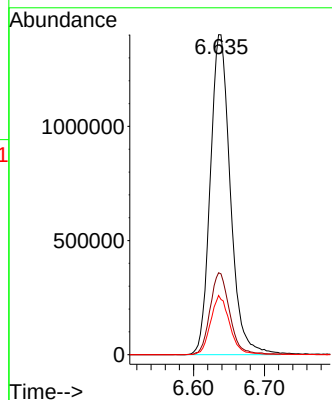
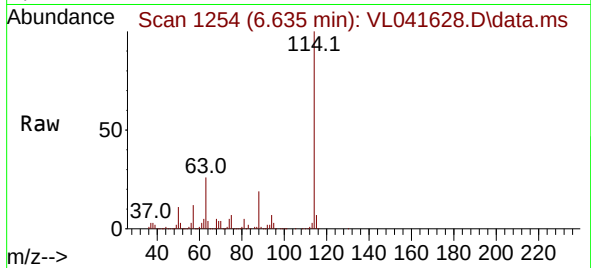




#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 6.635 min Scan# 114
 Delta R.T. 0.006 min
 Lab File: VL041628.D
 Acq: 25 Sep 2024 17:57

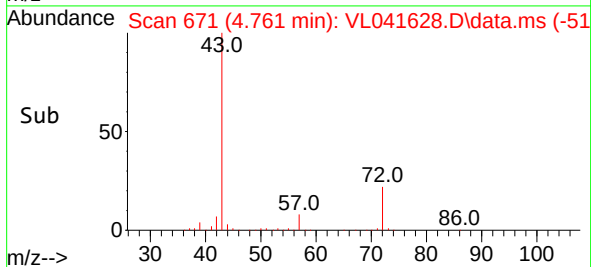
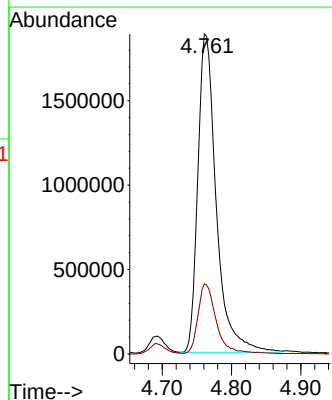
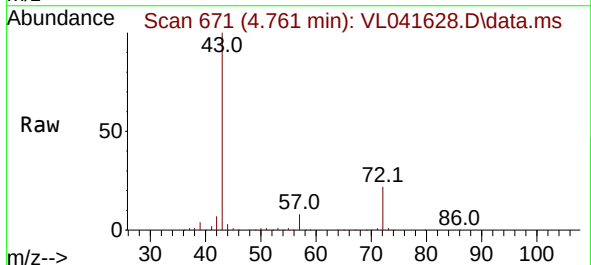
Instrument :
 MSVOA_L
 ClientSampleId :

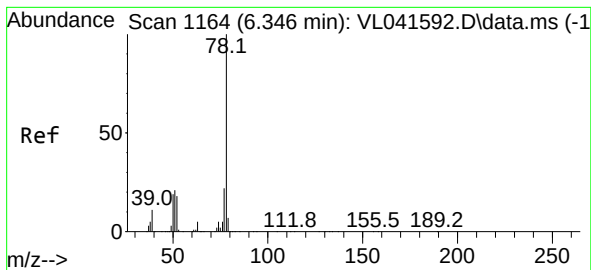
Tgt Ion:114 Resp: 2753078
 Ion Ratio Lower Upper
 114 100
 63 25.4 20.2 30.2
 88 17.7 14.2 21.4



#34
 2-Butanone
 Concen: 26.597 ppbv
 RT: 4.761 min Scan# 671
 Delta R.T. 0.000 min
 Lab File: VL041628.D
 Acq: 25 Sep 2024 17:57

Tgt Ion: 43 Resp: 3491583
 Ion Ratio Lower Upper
 43 100
 72 22.1 16.8 25.2





#36

Benzene

Concen: 0.653 ppbv

RT: 6.352 min Scan# 1166

Delta R.T. 0.006 min

Lab File: VL041628.D

Acq: 25 Sep 2024 17:57

Instrument :

MSVOA_L

ClientSampleId :

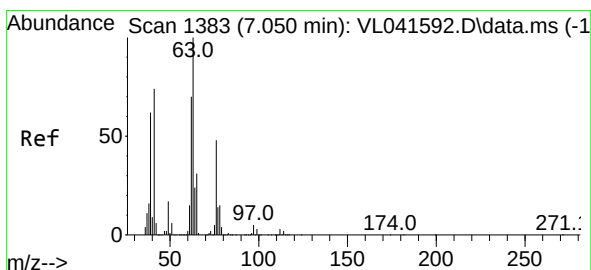
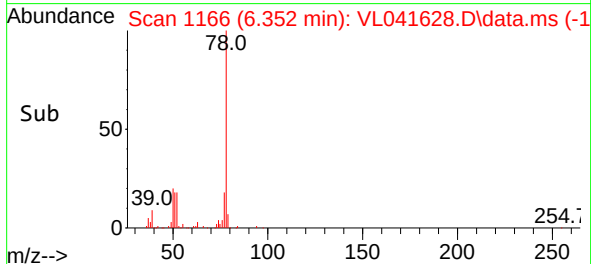
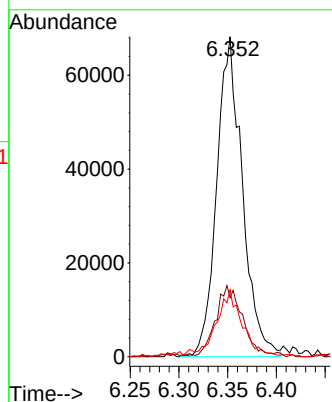
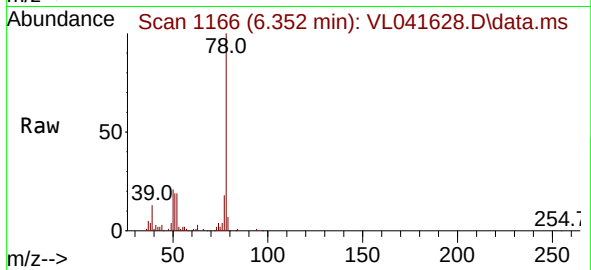
Tgt Ion: 78 Resp: 124888

Ion Ratio Lower Upper

78 100

77 18.1 17.8 26.6

50 20.4 15.4 23.0



#39

1,2-Dichloropropane

Concen: 8.766 ppbv

RT: 6.635 min Scan# 1254

Delta R.T. -0.415 min

Lab File: VL041628.D

Acq: 25 Sep 2024 17:57

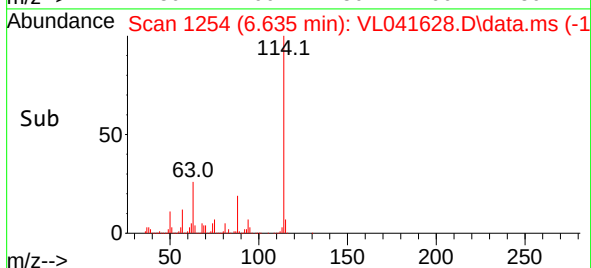
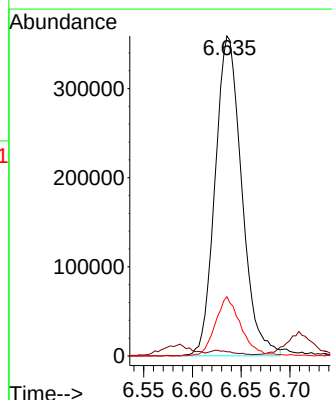
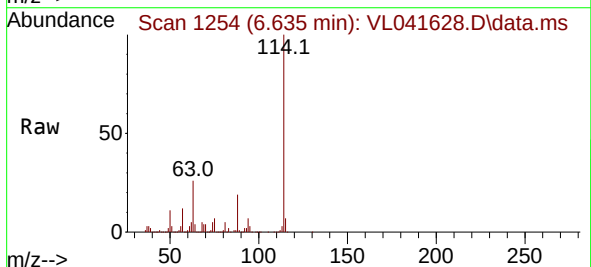
Tgt Ion: 63 Resp: 681884

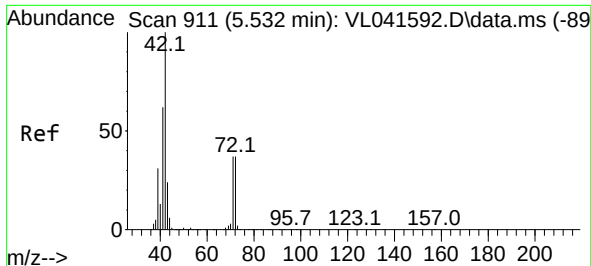
Ion Ratio Lower Upper

63 100

41 0.0 59.5 89.3#

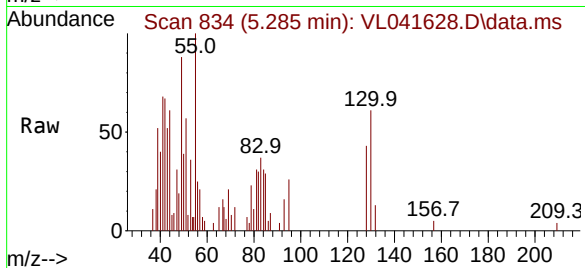
62 18.5 56.2 84.2#



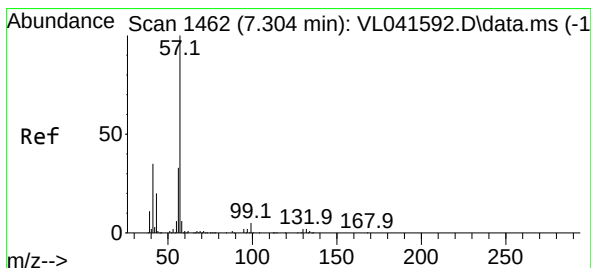
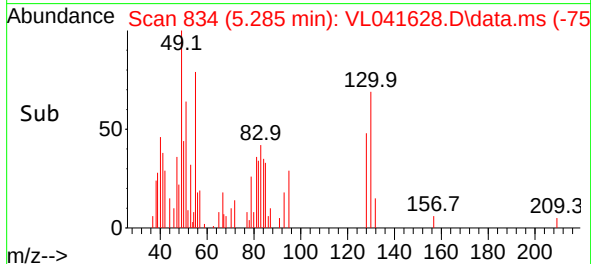
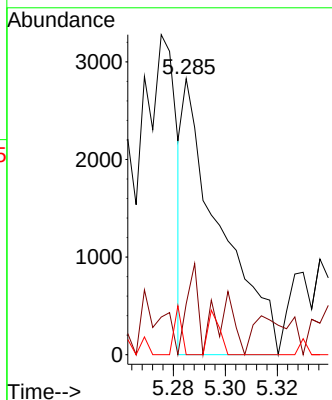


#41
Tetrahydrofuran
Concen: 0.038 ppbv
RT: 5.285 min Scan# 81
Delta R.T. -0.248 min
Lab File: VL041628.D
Acq: 25 Sep 2024 17:57

Instrument :
MSVOA_L
ClientSampleId :

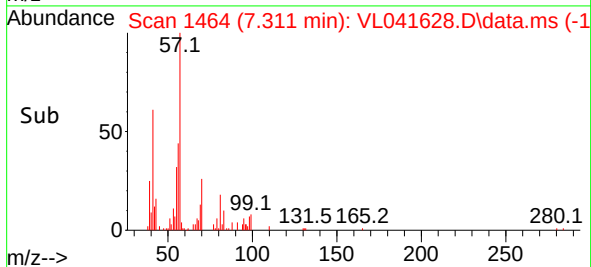
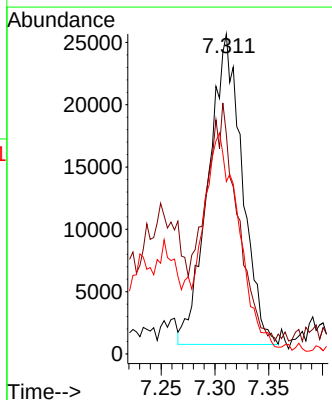
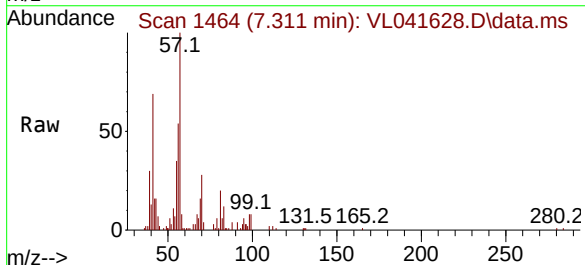


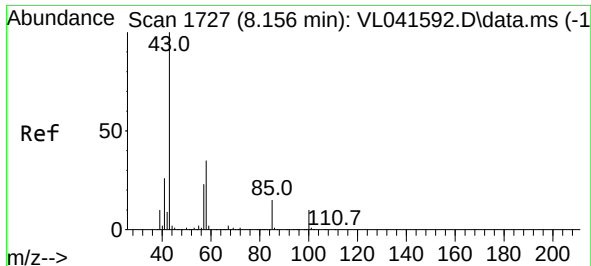
Tgt Ion: 42 Resp: 2768
Ion Ratio Lower Upper
42 100
72 49.3 30.2 45.2#
71 0.0 29.6 44.4#



#44
2,2,4-Trimethylpentane
Concen: 0.165 ppbv
RT: 7.311 min Scan# 1464
Delta R.T. 0.006 min
Lab File: VL041628.D
Acq: 25 Sep 2024 17:57

Tgt Ion: 57 Resp: 54522
Ion Ratio Lower Upper
57 100
41 77.2 27.0 40.6#
56 79.7 25.5 38.3#





#50

4-Methyl-2-Pentanone

Concen: 0.184 ppbv

RT: 8.175 min Scan# 1733

Delta R.T. 0.019 min

Lab File: VL041628.D

Acq: 25 Sep 2024 17:57

Instrument :

MSVOA_L

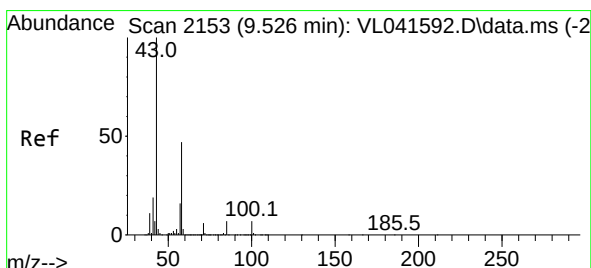
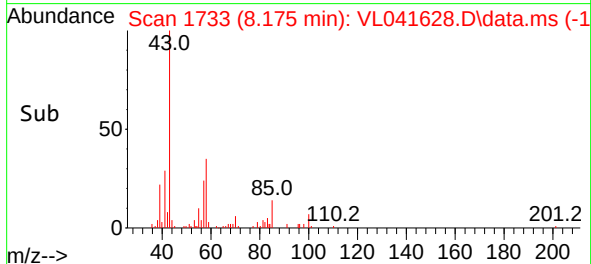
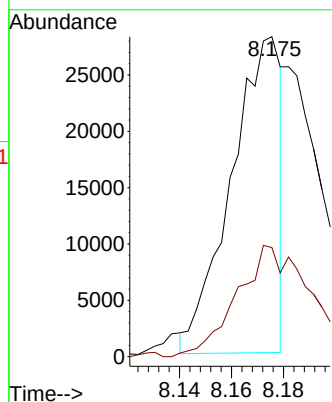
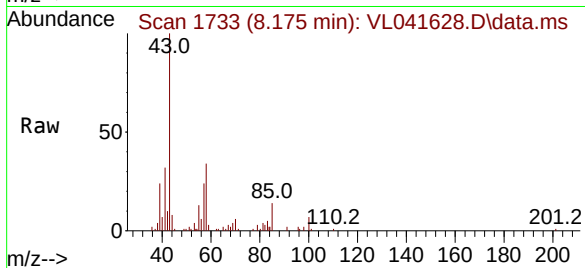
ClientSampleId :

Tgt Ion: 43 Resp: 37273

Ion Ratio Lower Upper

43 100

58 60.8 27.8 41.8#



#51

2-Hexanone

Concen: 2.204 ppbv

RT: 9.542 min Scan# 2158

Delta R.T. 0.016 min

Lab File: VL041628.D

Acq: 25 Sep 2024 17:57

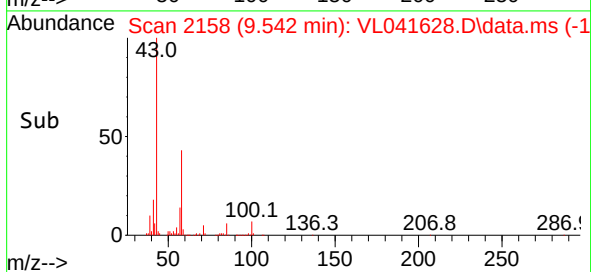
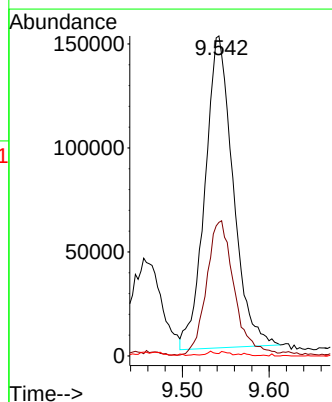
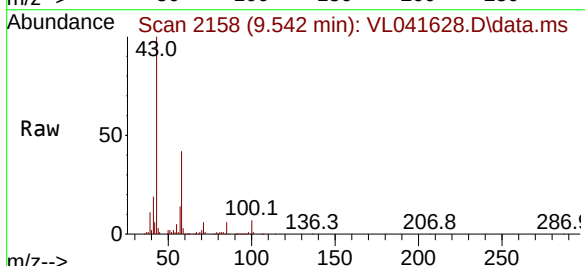
Tgt Ion: 43 Resp: 338027

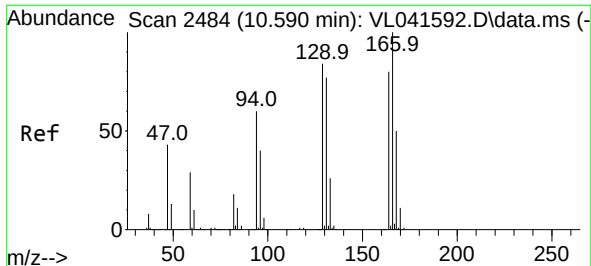
Ion Ratio Lower Upper

43 100

58 43.1 37.2 55.8

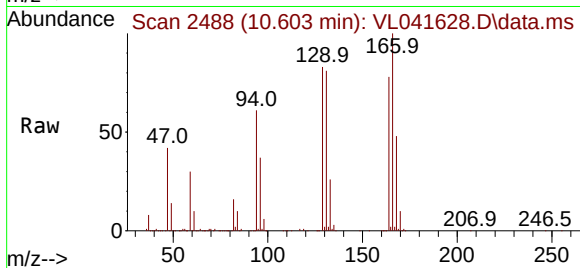
98 1.4 0.5 0.7#



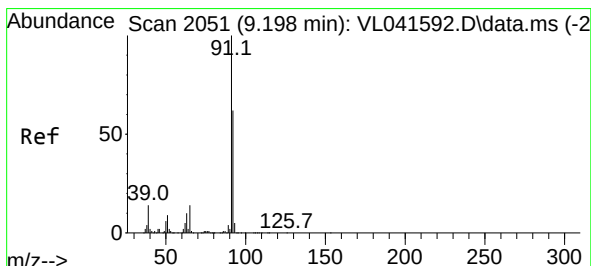
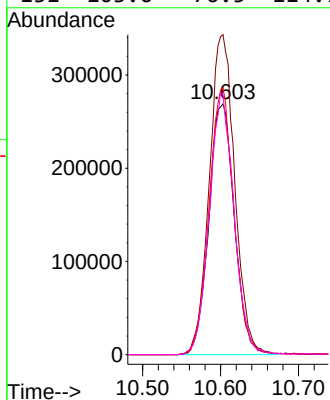
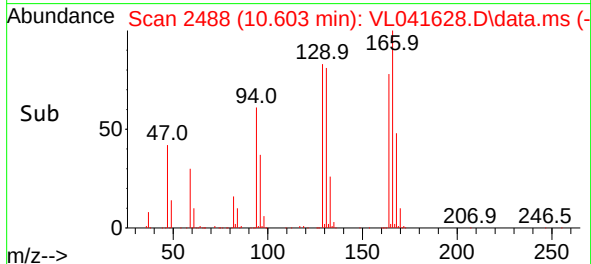


#52
Tetrachloroethene
Concen: 8.849 ppbv
RT: 10.603 min Scan# 2484
Delta R.T. 0.013 min
Lab File: VL041628.D
Acq: 25 Sep 2024 17:57

Instrument :
MSVOA_L
ClientSampleId :

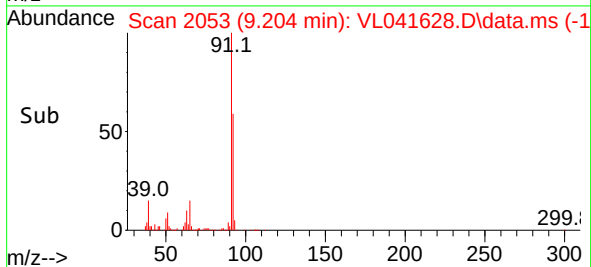
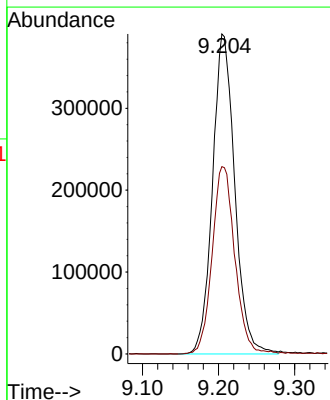
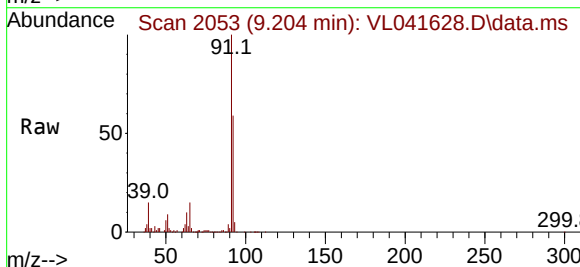


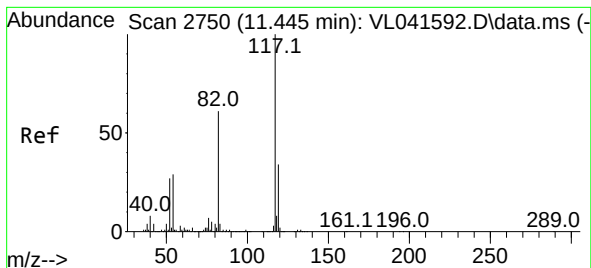
Tgt Ion:	164	Resp:	612628
Ion	Ratio	Lower	Upper
164	100		
166	127.5	99.4	149.2
129	106.4	83.5	125.3
131	103.6	76.5	114.7



#53
Toluene
Concen: 3.906 ppbv
RT: 9.204 min Scan# 2053
Delta R.T. 0.006 min
Lab File: VL041628.D
Acq: 25 Sep 2024 17:57

Tgt Ion:	91	Resp:	792738
Ion	Ratio	Lower	Upper
91	100		
92	59.9	48.9	73.3





#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 11.449 min Scan# 21

Delta R.T. 0.003 min

Lab File: VL041628.D

Acq: 25 Sep 2024 17:57

Instrument :

MSVOA_L

ClientSampleId :

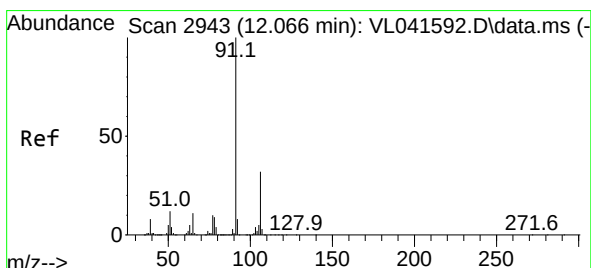
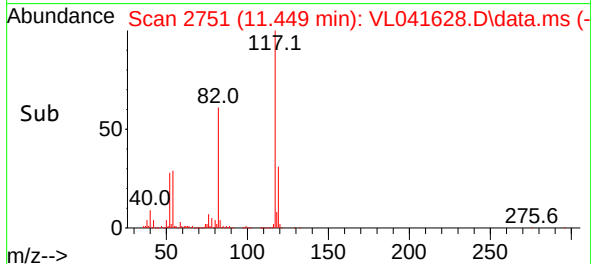
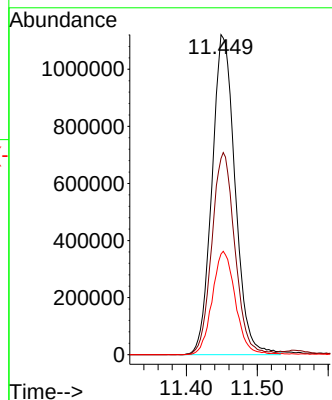
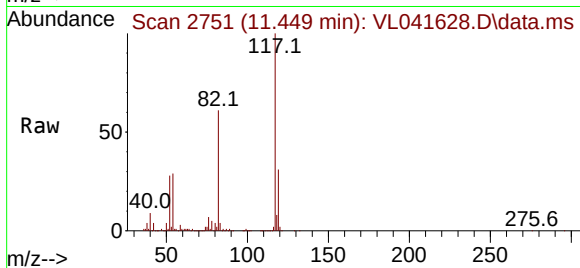
Tgt Ion:117 Resp: 2544295

Ion Ratio Lower Upper

117 100

82 63.1 49.4 74.2

119 32.8 24.4 36.6



#58

Ethyl Benzene

Concen: 0.532 ppbv

RT: 12.076 min Scan# 2946

Delta R.T. 0.010 min

Lab File: VL041628.D

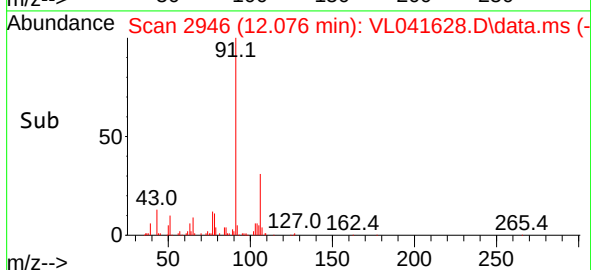
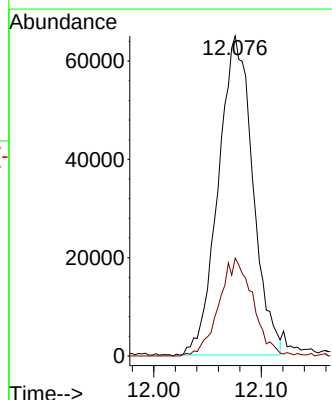
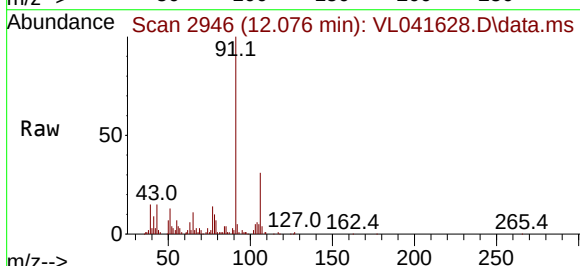
Acq: 25 Sep 2024 17:57

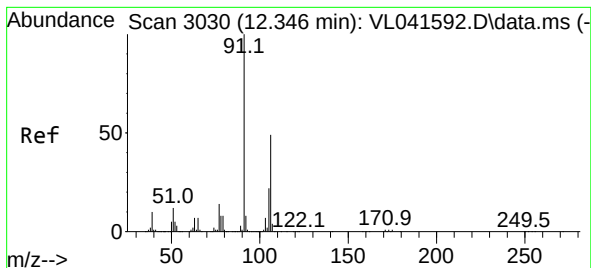
Tgt Ion: 91 Resp: 144884

Ion Ratio Lower Upper

91 100

106 30.7 25.8 38.6





#59

m/p-Xylene

Concen: 2.255 ppbv

RT: 12.333 min Scan# 3030

Delta R.T. -0.013 min

Lab File: VL041628.D

Acq: 25 Sep 2024 17:57

Instrument :

MSVOA_L

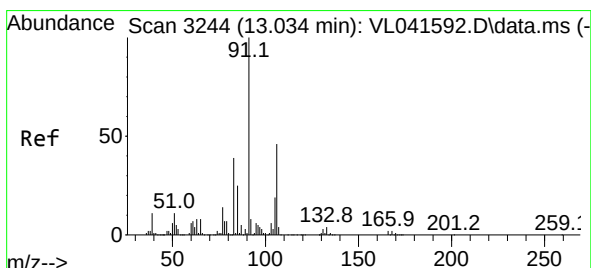
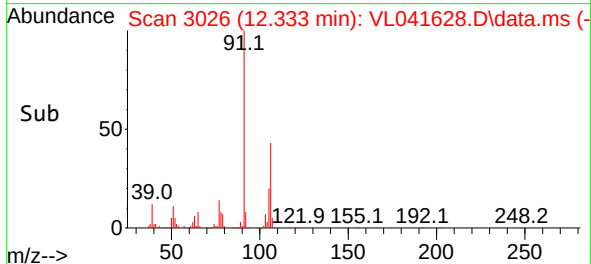
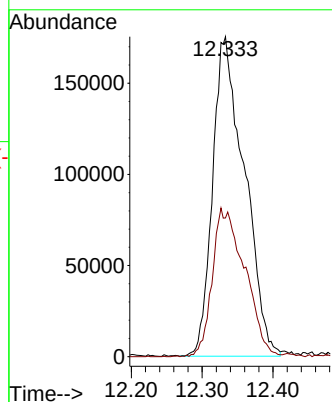
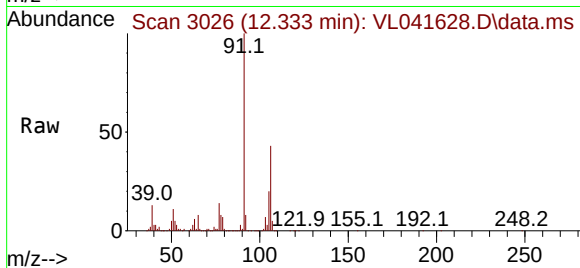
ClientSampleId :

Tgt Ion: 91 Resp: 546655

Ion Ratio Lower Upper

91 100

106 47.9 36.8 55.2



#60

o-Xylene

Concen: 0.298 ppbv

RT: 13.040 min Scan# 3246

Delta R.T. 0.006 min

Lab File: VL041628.D

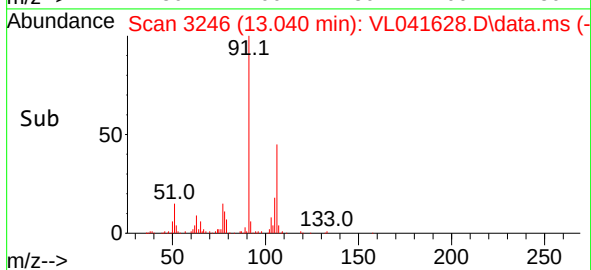
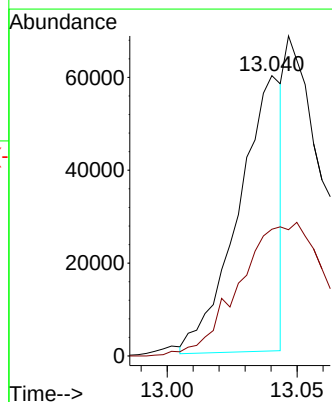
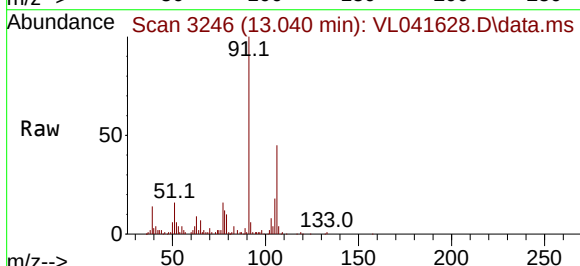
Acq: 25 Sep 2024 17:57

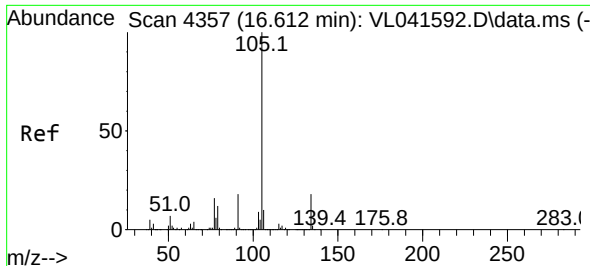
Tgt Ion: 91 Resp: 69234

Ion Ratio Lower Upper

91 100

106 0.0 23.1 69.3#

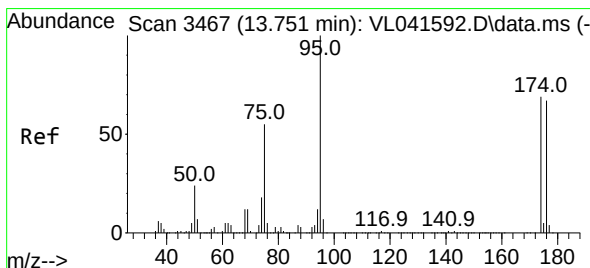
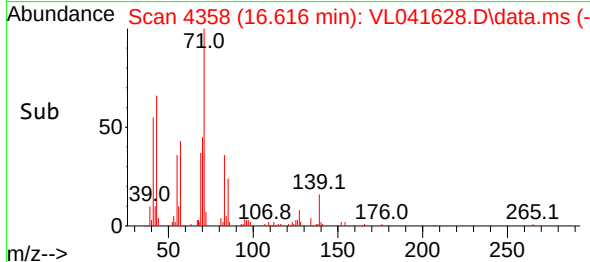
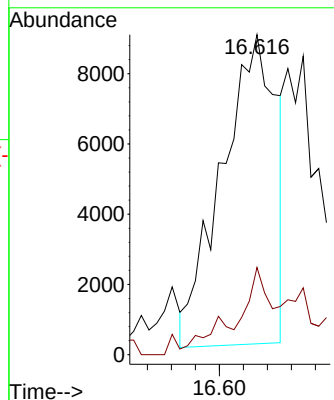
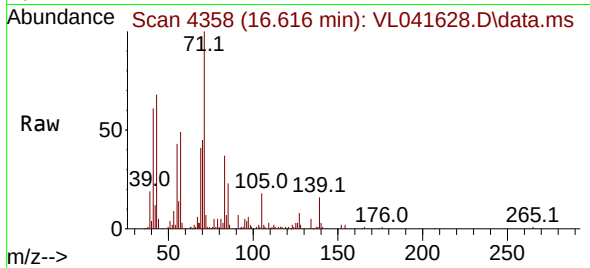




#67
 sec-Butylbenzene
 Concen: 0.031 ppbv
 RT: 16.616 min Scan# 41
 Delta R.T. 0.003 min
 Lab File: VL041628.D
 Acq: 25 Sep 2024 17:57

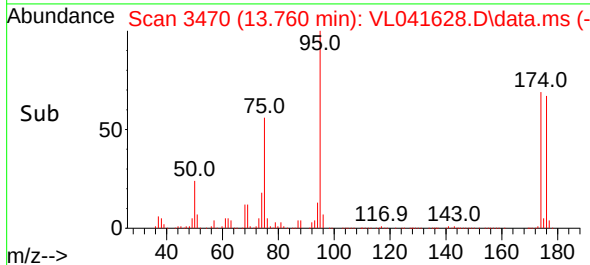
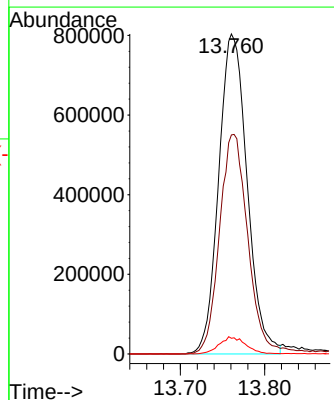
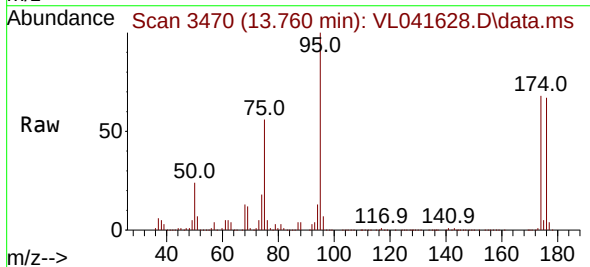
Instrument :
 MSVOA_L
 ClientSampleId :

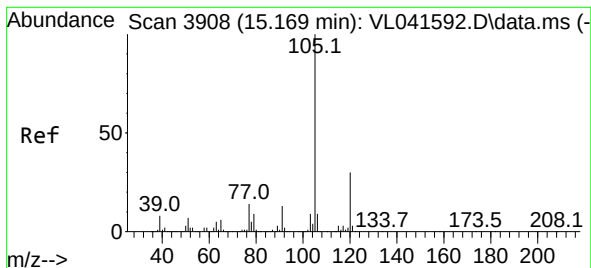
Tgt Ion:105 Resp: 13834
 Ion Ratio Lower Upper
 105 100
 134 37.0 14.6 21.8#



#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.038 ppbv
 RT: 13.760 min Scan# 3470
 Delta R.T. 0.010 min
 Lab File: VL041628.D
 Acq: 25 Sep 2024 17:57

Tgt Ion: 95 Resp: 1880097
 Ion Ratio Lower Upper
 95 100
 174 70.7 55.8 83.8
 175 5.1 4.1 6.1

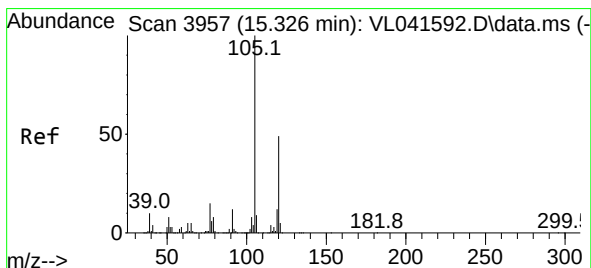
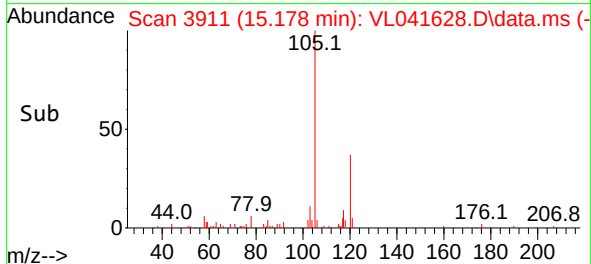
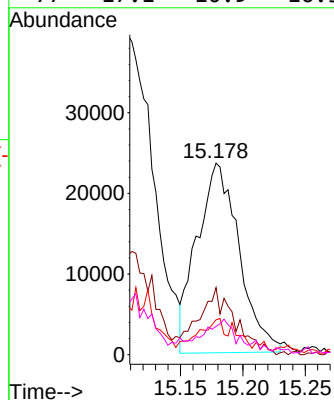
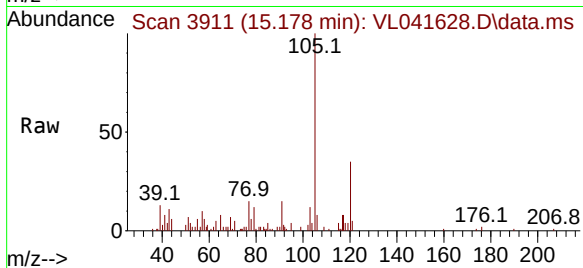




#72
4-Ethyltoluene
Concen: 0.203 ppbv
RT: 15.178 min Scan# 3911
Delta R.T. 0.010 min
Lab File: VL041628.D
Acq: 25 Sep 2024 17:57

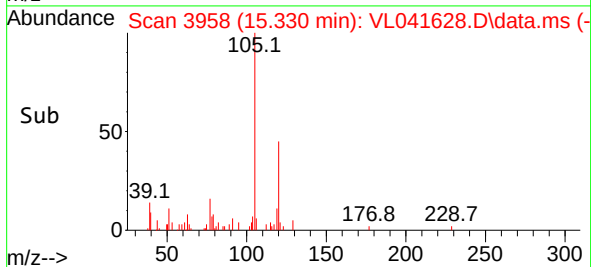
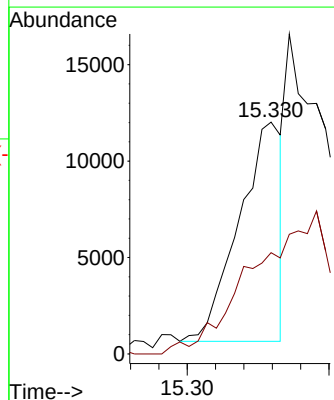
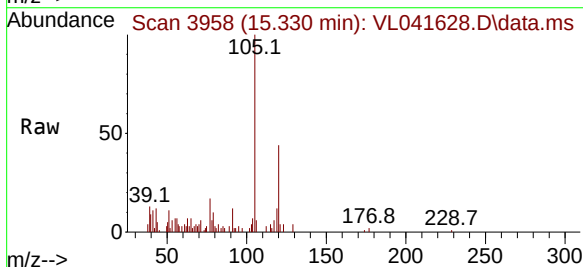
Instrument :
MSVOA_L
ClientSampleId :

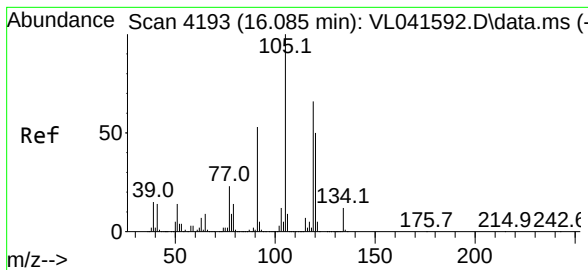
Tgt Ion:	105	Resp:	55206
Ion	Ratio	Lower	Upper
105	100		
120	32.1	24.1	36.1
91	20.4	10.2	15.2#
77	17.1	10.9	16.3#



#73
1,3,5-Trimethylbenzene
Concen: 0.050 ppbv
RT: 15.330 min Scan# 3958
Delta R.T. 0.003 min
Lab File: VL041628.D
Acq: 25 Sep 2024 17:57

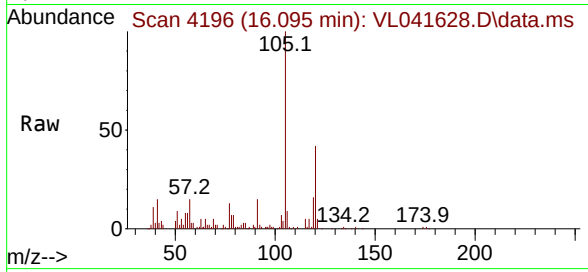
Tgt Ion:	105	Resp:	11932
Ion	Ratio	Lower	Upper
105	100		
120	42.3	39.4	59.0





#74
 1,2,4-Trimethylbenzene
 Concen: 0.505 ppbv
 RT: 16.095 min Scan# 4196
 Delta R.T. 0.010 min
 Lab File: VL041628.D
 Acq: 25 Sep 2024 17:57

Instrument :
 MSVOA_L
 ClientSampleId :



Tgt Ion:	105	Resp:	141805
Ion	Ratio	Lower	Upper
105	100		
120	42.2	39.9	59.9
91	12.9	42.6	63.8#
77	10.8	18.2	27.2#

